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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> <p>CLEARING:</p> <p>CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD III.</p> <p>SUPERELEVATION:</p> <p>ALL CURVES ON THIS PROJECT SHALL BE SUPERELEVATED IN ACCORDANCE WITH STD. NO. 225.04 AND STD. NO. 225.05 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.</p> <p>SHOULDER CONSTRUCTION:</p> <p>ASPHALT, EARTH, AND CONCRETE SHOULDER CONSTRUCTION ON THE HIGH SIDE OF SUPERELEVATED CURVES SHALL BE IN ACCORDANCE WITH STD. NO. 560.01 AND STD. NO. 560.02</p> <p>SIDE ROADS:</p> <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> <p>BERM DITCHES:</p> <p>BERM DITCHES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. NO. 240.01 AT LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.</p> <p>SUBSURFACE DRAINS:</p> <p>SUBSURFACE DRAINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. NO. 815.02 AT LOCATIONS DIRECTED BY THE ENGINEER.</p> <p>DRIVEWAYS:</p> <p>DRIVEWAYS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. 848.02 USING 3 FT RADIUS OR RADIUS AS SHOWN ON THE PLANS. LOCATIONS OF DRIVES WILL BE AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.</p> <p>DRIVEWAYS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. 848.03 AT LOCATIONS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER.</p> <p>GUARDRAIL:</p> <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> <p>TEMPORARY SHORING:</p> <p>SHORING REQUIRED FOR THE MAINTENANCE OF TRAFFIC WILL BE PAID FOR AS "EXTRA WORK" IN ACCORDANCE WITH SECTION 104-7.</p> <p>UTILITIES:</p> <p>UTILITY OWNERS ON THIS PROJECT ARE AT&T, DUKE ENERGY PROGRESS, CITY OF GASTONIA, PSNC ENERGY, AND TIME WARNER CABLE</p> <p>ANY RELOCATION OF EXISTING UTILITIES WILL BE ACCOMPLISHED BY OTHERS, EXCEPT AS SHOWN ON THE PLANS.</p> <p>RIGHT-OF-WAY MARKERS:</p> <p>ALL RIGHT-OF-WAY MARKERS ON THIS PROJECT SHALL BE PLACED BY OTHERS.</p> <p>CURB RAMPS</p> <p>CURB RAMPS ARE SHOWN ON THE PLANS AT APPROXIMATE LOCATIONS. CONSTRUCT ALL CURB RAMPS ACCORDANCE WITH STD 848.05 and/or 848.06.</p>	<p>2012 ROADWAY ENGLISH STANDARD DRAWINGS</p> <p>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:</p> <table border="0"> <tr> <th style="text-align: left;">STD. 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225.03	Deceleration and Acceleration Lanes																																																																																																																																																																																																															
225.04	Method of Obtaining Superlevation - Two Lane Pavement																																																																																																																																																																																																															
225.05	Method of Obtaining Superlevation - Divided Highways																																																																																																																																																																																																															
225.06	Method of Grading Sight Distance at Intersections																																																																																																																																																																																																															
240.01	Guide for Berm Ditch Construction																																																																																																																																																																																																															
DIVISION 3 - PIPE CULVERTS																																																																																																																																																																																																																
300.01	Method of Pipe Installation																																																																																																																																																																																																															
310.10	Driveway Pipe Construction																																																																																																																																																																																																															
DIVISION 5 - SUBGRADE, BASES AND SHOULDERS																																																																																																																																																																																																																
560.01	Method of Shoulder Construction - High Side of Superelevated Curve - Method I																																																																																																																																																																																																															
560.02	Method of Shoulder Construction - High Side of Superelevated Curve - Method II (Sheet 2 of 3 is no longer applicable)																																																																																																																																																																																																															
DIVISION 6 - ASPHALT BASES AND PAVEMENTS																																																																																																																																																																																																																
654.01	Pavement Repairs																																																																																																																																																																																																															
665.01	Asphalt Shoulders - Milled Rumble Strips																																																																																																																																																																																																															
DIVISION 8 - INCIDENTALS																																																																																																																																																																																																																
815.02	Subsurface Drain																																																																																																																																																																																																															
840.00	Concrete Base Pad for Drainage Structures																																																																																																																																																																																																															
840.01	Brick Catch Basin - 12" thru 54" Pipe																																																																																																																																																																																																															
840.02	Concrete Catch Basin - 12" thru 54" Pipe																																																																																																																																																																																																															
840.03	Frame, Grates and Hood - for Use on Standard Catch Basin																																																																																																																																																																																																															
840.04	Concrete Open Throat Catch Basin - 12" thru 48" Pipe																																																																																																																																																																																																															
840.05	Brick Open Throat Catch Basin - 12" thru 48" Pipe																																																																																																																																																																																																															
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																																																																																																																																																																																																															
840.18	Concrete Grated Drop Inlet Type 'B' - 12" thru 36" Pipe																																																																																																																																																																																																															
840.19	Concrete Grated Drop Inlet Type 'D' - 12" thru 36" Pipe																																																																																																																																																																																																															
840.20	Frames and Wide Slot Flat Grates																																																																																																																																																																																																															
840.22	Frames and Wide Slot Sag Grates																																																																																																																																																																																																															
840.24	Frames and Narrow Slot Sag Grates																																																																																																																																																																																																															
840.25	Anchorage for Frames - Brick or Concrete or Precast																																																																																																																																																																																																															
840.27	Brick Grated Drop Inlet Type 'B' - 12" thru 36" Pipe																																																																																																																																																																																																															
840.28	Brick Grated Drop Inlet Type 'D' - 12" thru 36" Pipe																																																																																																																																																																																																															
840.31	Concrete Junction Box - 12" thru 66" Pipe																																																																																																																																																																																																															
840.32	Brick Junction Box - 12" thru 66" Pipe																																																																																																																																																																																																															
840.34	Traffic Bearing Junction Box - for Use with Pipes 42" and Under																																																																																																																																																																																																															
840.35	Traffic Bearing Grated Drop Inlet - for Cast Iron Double Frame and Grates																																																																																																																																																																																																															
840.36	Traffic Bearing Grated Drop Inlet - for Steel (840.37) Double Frame and Grates																																																																																																																																																																																																															
840.37	Steel Grate and Frame																																																																																																																																																																																																															
840.45	Precast Drainage Structure																																																																																																																																																																																																															
840.46	Traffic Bearing Precast Drainage Structure																																																																																																																																																																																																															
840.51	Brick Manhole - 12" thru 36" Pipe																																																																																																																																																																																																															
840.52	Precast Manhole - 4', 5' and 6' Diameter																																																																																																																																																																																																															
840.53	Precast Manhole with Masonry Base - 12" thru 42" Pipe																																																																																																																																																																																																															
840.54	Manhole Frame and Cover																																																																																																																																																																																																															
840.66	Drainage Structure Steps																																																																																																																																																																																																															
840.71	Concrete and Brick Pipe Plug																																																																																																																																																																																																															
840.72	Pipe Collar																																																																																																																																																																																																															
846.01	Concrete Curb, Gutter and Curb & Gutter																																																																																																																																																																																																															
846.02	Drop Inlet Installation in Expressway Gutter																																																																																																																																																																																																															
846.04	Drop Inlet Installation in Shoulder Berm Gutter																																																																																																																																																																																																															
848.02	Driveway Turnout - Radius Type																																																																																																																																																																																																															
848.03	Driveway Turnout - Drop Curb Type																																																																																																																																																																																																															
848.05	Curb Ramp - Proposed Curb & Gutter																																																																																																																																																																																																															
852.01	Concrete Islands																																																																																																																																																																																																															
852.06	Method for Placement of Drop Inlets in Concrete Islands																																																																																																																																																																																																															
854.02	Double Faced Concrete Barrier - Types 'T', 'T1' and 'T2'																																																																																																																																																																																																															
862.01	Guardrail Placement																																																																																																																																																																																																															
862.02	Guardrail Installation																																																																																																																																																																																																															
866.01	Chain Link Fence - 4', 5' and 6' High Fence																																																																																																																																																																																																															
876.01	Rip Rap in Channels																																																																																																																																																																																																															
876.02	Guide for Rip Rap at Pipe Outlets																																																																																																																																																																																																															
876.03	Drainage Ditches with Class 'A' Rip Rap																																																																																																																																																																																																															
876.04	Drainage Ditches with Class 'B' Rip Rap																																																																																																																																																																																																															