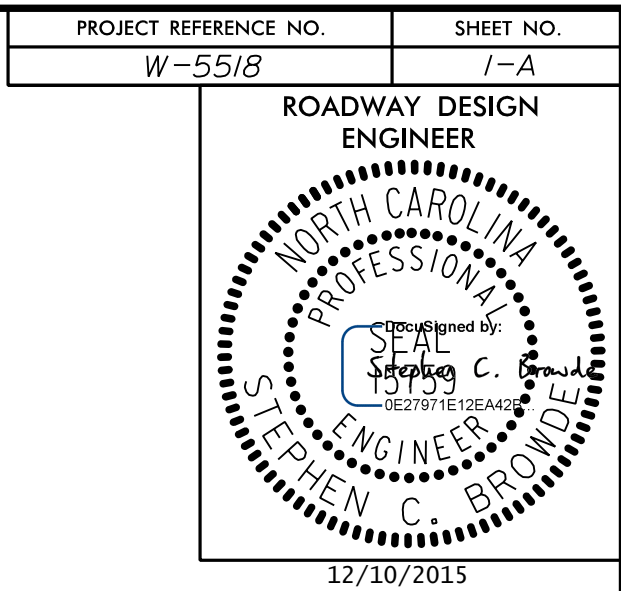


STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

# INDEX OF SHEETS, GENERAL NOTES, AND LIST OF STANDARDS



<p><b>SHEET #</b></p> <p>1</p> <p>1-A</p> <p>1-B</p> <p>1-C-1</p> <p>2A-1 THRU 2A-2</p> <p>2B-1</p> <p>2B-2</p> <p>2C-1</p> <p>2G-1</p> <p>3B-1</p> <p>3B-2</p> <p>3D-1</p> <p>3G-1</p> <p>4 THRU 7</p> <p>8 THRU 9</p> <p>TMP-1 THRU TMP-7</p> <p>PMP-1 THRU PMP-5</p> <p>EC-1 THRU EC-11</p> <p>SIGN-1 THRU SIGN-9</p> <p>UC-1 THRU UC-8</p> <p>UO-1 THRU UO-5</p> <p>X-INDEX</p> <p>X-1A</p> <p>X-1 THRU X-44</p> <p>S-1 THRU S-33</p>	<p><b>DESCRIPTION</b></p> <p>TITLE SHEET</p> <p>INDEX OF SHEETS, GENERAL NOTES, &amp; LIST OF STANDARD DRAWINGS</p> <p>CONVENTIONAL SYMBOLS</p> <p>SURVEY CONTROL SHEET</p> <p>PAVEMENT SCHEDULE &amp; TYPICAL SECTIONS</p> <p>GUIDE FOR PAVING SHOULDERS UNDER BRIDGES METHOD III</p> <p>STRUCTURE ANCHOR UNITS - TYPE III</p> <p>COAL COMBUSTION PRODUCT PLACEMENT DETAIL</p> <p>STANDARD EMBANKMENT MONITORING DETAIL</p> <p>SUMMARY OF EARTHWORK, ASPHALT PAVEMENT REMOVAL &amp; BREAKING, SHOULDER BERM GUTTER, WOVEN WIRE FENCE, AND CABLE GUIDERAIL</p> <p>SUMMARY OF GUARDRAIL</p> <p>SUMMARY OF DRAINAGE</p> <p>GEOTECHNICAL SUMMARY TABLES</p> <p>PLAN</p> <p>PROFILE</p> <p>TRANSPORTATION MANAGEMENT PLANS</p> <p>PAVEMENT MARKING PLANS</p> <p>EROSION CONTROL PLANS</p> <p>SIGNING PLANS</p> <p>UTILITY CONSTRUCTION PLANS</p> <p>UTILITIES BY OTHERS PLANS</p> <p>CROSS-SECTION SHEET INDEX</p> <p>CROSS-SECTION SUMMARY</p> <p>CROSS-SECTIONS</p> <p>STRUCTURE PLANS</p>	<p><b>GENERAL NOTES:</b></p> <p>2012 SPECIFICATIONS EFFECTIVE: 01-17-2012 REVISED: 10-31-2014</p> <p><b>2012 ROADWAY ENGLISH STANDARD DRAWINGS</b></p> <p>EFF. 01-17-2012 REV. 10-30-2012</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"> <thead> <tr> <th>STD.NO.</th> <th>TITLE</th> </tr> </thead> <tbody> <tr> <td colspan="2"><b>DIVISION 2 - EARTHWORK</b></td> </tr> <tr> <td>200.03</td> <td>Method of Clearing - Method III</td> </tr> <tr> <td>225.02</td> <td>Guide for Grading Subgrade - Secondary and Local</td> </tr> <tr> <td>225.04</td> <td>Method of Obtaining Superelevation - Two Lane Pavement</td> </tr> <tr> <td>225.09</td> <td>Guide for Shoulder and Ditch Transition at Grade Separations</td> </tr> <tr> <td colspan="2"><b>DIVISION 3 - PIPE CULVERTS</b></td> </tr> <tr> <td>300.01</td> <td>Method of Pipe Installation</td> </tr> <tr> <td>310.10</td> <td>Driveway Pipe Construction</td> </tr> <tr> <td colspan="2"><b>DIVISION 4 - MAJOR STRUCTURES</b></td> </tr> <tr> <td>422.10</td> <td>Reinforced Bridge Approach Fills</td> </tr> <tr> <td colspan="2"><b>DIVISION 5 - SUBGRADE, BASES AND SHOULDERS</b></td> </tr> <tr> <td>560.01</td> <td>Method of Shoulder Construction - High Side of Super-elevated Curve - Method I</td> </tr> <tr> <td colspan="2"><b>DIVISION 6 - ASPHALT BASES AND PAVEMENTS</b></td> </tr> <tr> <td>654.01</td> <td>Pavement Repairs</td> </tr> <tr> <td>665.01</td> <td>Asphalt Shoulders - Milled Rumble Strips</td> </tr> <tr> <td colspan="2"><b>DIVISION 8 - INCIDENTALS</b></td> </tr> <tr> <td>815.02</td> <td>Subsurface Drain</td> </tr> <tr> <td>840.00</td> <td>Concrete Base Pad for Drainage Structures</td> </tr> <tr> <td>840.25</td> <td>Anchorage for Frames - Brick or Concrete or Precast</td> </tr> <tr> <td>840.29</td> <td>Frames and Narrow Slot Flat Grates</td> </tr> <tr> <td>840.35</td> <td>Traffic Bearing Grated Drop Inlet - for Cast Iron Double Frame and Grates</td> </tr> <tr> <td>840.46</td> <td>Traffic Bearing Precast Drainage Structure</td> </tr> <tr> <td>846.01</td> <td>Concrete Curb, Gutter and Curb &amp; Gutter</td> </tr> <tr> <td>846.04</td> <td>Drop Inlet Installation in Shoulder Berm Gutter</td> </tr> <tr> <td>854.04</td> <td>Concrete Median Barrier - Precast Permanent</td> </tr> <tr> <td>862.01</td> <td>Guardrail Placement</td> </tr> <tr> <td>862.02</td> <td>Guardrail Installation</td> </tr> <tr> <td>862.03</td> <td>Structure Anchor Units (See Also Sheet 2B-2)</td> </tr> <tr> <td>865.01</td> <td>Cable Guiderail</td> </tr> <tr> <td>866.02</td> <td>Woven Wire Fence - with Wood Post</td> </tr> <tr> <td>876.01</td> <td>Rip Rap in Channels</td> </tr> <tr> <td>876.02</td> <td>Guide for Rip Rap at Pipe Outlets</td> </tr> </tbody> </table>	STD.NO.	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GRADE LINES MAY BE ADJUSTED AT THEIR BEGINNING AND ENDING AND AT STRUCTURES AS DIRECTED BY THE ENGINEER IN ORDER TO SECURE A PROPER TIE-IN.</p> <p><b>CLEARING:</b></p> <p>CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD III.</p> <p><b>SUPERELEVATION:</b></p> <p>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.</p> <p><b>SHOULDER CONSTRUCTION:</b></p> <p>ASPHALT, EARTH, AND CONCRETE SHOULDER CONSTRUCTION ON THE HIGH SIDE OF SUPERELEVATED CURVES SHALL BE IN ACCORDANCE WITH STD. NO. 560.01</p> <p><b>SIDE ROADS:</b></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><b>SUBSURFACE DRAINS:</b></p> <p>SUBSURFACE DRAINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. NO. 815.02 AT LOCATIONS DIRECTED BY THE ENGINEER.</p> <p><b>GUARDRAIL:</b></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><b>TEMPORARY SHORING:</b></p> <p>SHORING REQUIRED FOR THE MAINTENANCE OF TRAFFIC WILL BE PAID FOR AS "EXTRA WORK" IN ACCORDANCE WITH SECTION 104-7.</p> <p><b>END BENTS:</b></p> <p>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.</p> <p><b>UTILITIES:</b></p> <p>UTILITY OWNERS ON THIS PROJECT ARE: DUKE POWER, COLUMBUS CITY WATER, MSNC, &amp; CENTURYLINK</p> <p>ANY RELOCATION OF EXISTING UTILITIES WILL BE ACCOMPLISHED BY OTHERS, EXCEPT AS SHOWN ON THE PLANS.</p>
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