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POLITER FOR THE MAINTENIANCE OF TRAFFIC NOT CHOWN ON THE REANC
AID FOR AT THE CONTRACT PRICE FOR "TEMPORARY SHORING".
HEER SHALL CHECK THE STRUCTURE END BENT PLANS, DETAILS, AND CROSS- PRIOR TO SETTING OF THE SLOPE STAKES FOR THE EMBANKMENT OR EXCAVAT NG A BRIDGE.
WERS ON THIS PROJECT ARE Duke Energy (Power),
um (Phone), Spectrum (CATV), and Piedmont Natrural Gas (Gas)
ATION OF EXISTING UTILITIES WILL BE ACCOMPLISHED BY OTHERS, EXCEP ON THE PLANS.
RS: -of-way markers on this project shall be placed by others.

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EFF. 01-16-2018 REV.

2018 ROADWAY ENGLISH STANDARD DRAWINGS

876.01 Rip Rap in Channels

876.02 Guide for Rip Rap at Pipe Outlets

876.04 Drainage Ditches with Class 'B' Rip Rap

The following Roadway Standards as appear in "Roadway Standard Drawings" Highway Design Branch -N. C. Department of Transportation - Raleigh, N. C., Dated January, 2018 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 225.01 Guide for Grading Subgrade - Interstate and Freeway 225.02 Guide for Grading Subgrade - Secondary and Local 225.03 Deceleration and Acceleration Lanes SHEET NUMBER 225.04 Method of Obtaining Superelevation - Two Lane Pavement 225.05 Method of Obtaining Superelevation - Divided Highways 1Δ 225.06 Method of Grading Sight Distance at Intersections 1 B 225.09 Guide for Shoulder and Ditch Transition at Grade Separations 2A-1 THRU 2A-21 235.01 Embankment Monitoring 2B-1 THRU 2B-3 DIVISION 3 - PIPE CULVERTS 2B-4 THRU 2B-16 300.01 Method of Pipe Installation 2B-17 THRU 2B-20 310.10 Driveway Pipe Construction 2B-21 DIVISION 4 - MAJOR STRUCTURES 422.01 Bridge Approach Fills - Type I Standard Approach Fill 2C-1 DIVISION 5 - SUBGRADE, BASES AND SHOULDERS 2C-2 560.01 Method of Shoulder Construction - High Side of Superelevated Curve - Method I 2C-3 560.02 Method of Shoulder Construction - High Side of Superelevated Curve - Method II 2C-4 DIVISION 6 - ASPHALT BASES AND PAVEMENTS 2C-5 610.04 Guide for Paving Shoulders Under Bridges - Method IV 2C-6 654.01 Pavement Repairs 2C-7 665.01 Asphalt Shoulders - Milled Rumble Strips 2C-8 DIVISION 8 - INCIDENTALS 2C-9 815.02 Subsurface Drain 2C-10 816.01 Concrete Pads - for Shoulder Drain Installation 2C-11 816.02 Aggregate Shoulder Drain 2C-12 816.04 Markers for Drainage Structure and Concrete Pad 2C-13 838.01 Concrete Endwall for Single and Double Pipe Culverts - 15" thru 48" Pipe 90 Skew 2D-1 THRU 2D-3 838.11 Brick Endwall for Single and Double Pipe Culverts - 15" thru 48" Pipe 90 Skew 2D-4 838.21 Reinforced Concrete Endwall - for Single 54" Pipe 90 Skew 2D-5 838.27 Reinforced Concrete Endwall - for Single 60" Pipe 90 Skew 2D-6 838.45 Notes for Reinforced Concrete Endwall - Std. Dwg 838.21 thru 838.40 2G-1 838.51 Reinforced Brick Endwall - for Single 54" Pipe 90 Skew 2G-2 THRU 2G-4 838.57 Reinforced Brick Endwall - for Single 60" Pipe 90 Skew 2G-5 THRU 2G-7 838.75 Notes for Reinforced Brick Endwall - Std. Dwg 838.51 thru 838.70 2G-8 THRU 2G-10 838.80 Precast Endwalls - 12" thru 72" Pipe 90 Skew 2N-1 840.00 Concrete Base Pad for Drainage Structures 3B-1 THRU 3B-3 840.01 Brick Catch Basin - 12" thru 54" Pipe 3B-4 840.02 Concrete Catch Basin - 12" thru 54" Pipe 3B-5 840.03 Frame, Grates and Hood - for Use on Standard Catch Basin 3B-6 840.14 Concrete Drop Inlet - 12" thru 30" Pipe 840.15 Brick Drop Inlet - 12" thru 30" Pipe 3D-1 THRU 3D-28 840.16 Drop Inlet Frame and Grates - for use with Std. Dwg 840.14 and 840.15 3G - 1840.17 Concrete Grated Drop Inlet Type 'A' - 12" thru 72" Pipe 3P-1 THRU 3P-2 840.18 Concrete Grated Drop Inlet Type 'B' - 12" thru 36" Pipe 4 THRU 47 840.19 Concrete Grated Drop Inlet Type 'D' - 12" thru 36" Pipe 48 THRU 105 840.20 Frames and Wide Slot Flat Grates RW01 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 840.26 Brick Grated Drop Inlet Type 'A' - 12" thru 72" Pipe RWO4 THRU RW47 840.27 Brick Grated Drop Inlet Type 'B' - 12" thru 36" Pipe 840.28 Brick Grated Drop Inlet Type 'D' - 12" thru 36" Pipe 840.29 Frames and Narrow Slot Flat Grates 840.31 Concrete Junction Box - 12" thru 66" Pipe E-1 THRU E-6 840.32 Brick Junction Box - 12" thru 66" Pipe EC-1 THRU EC-93 840.34 Traffic Bearing Junction Box - for Use with Pipes 42" and Under SIGN-1 THRU SIGN-44 SIGNING PLANS 840.35 Traffic Bearing Grated Drop Inlet - for Cast Iron Double Frame and Grates SIG-1.0 THRU SIG-12.0 SIGNAL PLANS 840.36 Traffic Bearing Grated Drop Inlet - for Steel (840.37) Double Frame and Grates ITS-1 THRU ITS-16 ITS PLANS 840.37 Steel Grate and Frame UC-1 THRU UC-26 840.45 Precast Drainage Structure UO-1 THRU UO-23 840.46 Traffic Bearing Precast Drainage Structure X-1A THRU X-1N 840.54 Manhole Frame and Cover X-1 THRU X-762 840.66 Drainage Structure Steps S4-1 THRU S4-29 840.72 Pipe Collar S5-1 THRU S5-64 846.01 Concrete Curb, Gutter and Curb & Gutter S6-1 THRU S6-53 846.04 Drop Inlet Installation in Shoulder Berm Gutter S7-1 THRU S7-37 848.01 Concrete Sidewalk S8-1 THRU S8-28 848.02 Driveway Turnout - Radius Type S9-1 THRU S9-69 848.04 Street Turnout S10-1 THRU S10-33 852.01 Concrete Islands C15-1 THRU C15-13 854.02 Double Faced Concrete Barrier - Types 'T', 'T1' and 'T2' C16-1 THRU C16-20 857.01 Precast Reinforced Concrete Barrier - 41" Single Faced C17-1 THRU C17-5 862.01 Guardrail Placement C18-1 THRU C18-9 862.02 Guardrail Installation W-1 THRU W-17 862.03 Structure Anchor Units W19-1 THRU W19-4 862.04 Anchoring End of Guardrail – B-77 and B-83 Anchor Units 866.02 Woven Wire Fence - with Wood Post

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PROJECT REFERENCE NO.
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                                                                                  I-5987B
                                                                             ROADWAY DESIGN
                                                                                ENGINEER
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LICENSE NO. F-0669
                                                                             DOCUMENT NOT CONSIDERED FINAL
                                                                            UNLESS ALL SIGNATURES COMPLETED
                       INDEX OF SHEETS
                       DESCRIPTION
                       TITLE SHEET
                       INDEX OF SHEETS, GENERAL NOTES AND LIST OF STANDARD DRAWINGS
                       CONVENTIONAL SYMBOLS
                      PAVEMENT SCHEDULE AND TYPICAL SECTIONS
                       INTERSECTION DETAIL SHEETS
                       DETOUR AND CROSSOVER PLAN AND PROFILE SHEETS
                      DETAIL OF FINAL PAVEMENT LAYER (U-2519AAAB-SA)
                       DETAIL FOR TRANSITION FROM 1'-6'' CURB AND GUTTER TO SHOULDER BERM GUTTER
                       AND DETAIL FOR CONCRETE TRANSITIONAL SECTION
                       SPECIAL DETAILS - COAL COMBUSTION PRODUCT PLACEMENT
                       SPECIAL DETAILS - MEDIAN HAZARD PIER PROTECTION
                       SPECIAL DETAILS - TEMPORARY 1" STEEL COVER OVER DRAINAGE STRUCTURE
                       SPECIAL DETAILS - SLOTTED DRAIN, 12" THRU 36" DIAMETER PIPE
                       SPECIAL DETAILS - CONCRETE ENDWALL FOR SINGLE AND DOUBLE PIPE CULVERTS
                       SPECIAL DETAILS - REINFORCED CONCRETE ENDWALL
                       SPECIAL DETAILS - CONCRETE GRATED DROP INLET TYPE 'A' (MINIMUM DEPTH)
                       SPECIAL DETAILS - CONCRETE GRATED DROP INLET TYPE 'A' (EXTRA DEPTH)
                       SPECIAL DETAILS - TYPE III REINFORCED APPROACH FILLS
                       SPECIAL DETAILS - GUARDRAIL INSTALLATION
                       SPECIAL DETAILS - GUARDRAIL INSTALLATION - AT-1 SYSTEM
                       SPECIAL DETAILS - TRAFFIC BEARING JUNCTION BOX 60"
                       SPECIAL DETAILS - ROCK PLATING
                       DRAINAGE DITCH DETAIL SHEETS
                       DRAINAGE SPECIAL DETAILS - TRAFFIC BEARING GRATED INLET - 54" RCP
                       DRAINAGE SPECIAL DETAILS - TRAFFIC BEARING GRATED INLET - 60" WELDED STEEL
                       DRAINAGE SPECIAL DETAILS - TRAFFIC BEARING GRATED INLET - 66" WELDED STEEL
                       GEOTECHNICAL DETAILS - TEMPORARY SHORING
                       GEOTECHNICAL DETAILS - STANDARD TEMPORARY WALL
                       GEOTECHNICAL DETAILS - SURCHARGE DETAILS
                       GEOTECHNICAL DETAILS - SPECIAL BRIDGE APPROACH FILL
                       NOISE WALL DETAIL SHEET
                      EARTHWORK SUMMARY SHEETS
                       GUARDRAIL SUMMARY SHEET
                       SHOULDER BERM GUTTER, WOVEN WIRE FENCE, WOVEN WIRE FENCE REMOVAL, CONCRETE BARRIER SUMMARIES
                       EXISTING ASPHALT PAVEMENT REMOVAL, INCIDENTAL MILLING, EXISTING ASPHALT PAVEMENT BREAKING,
                       AND MILLING SUMMARIES
                      DRAINAGE SUMMARY SHEETS
                       GEOTECHNICAL SUMMARY SHEET
                      PARCEL INDEX SHEETS
                      PLAN SHEETS
                       PROFILE SHEETS
                       SURVEY CONTROL TITLE SHEET
RW02C-1 THRU RW02C-22 SURVEY CONTROL SHEETS
RW02D-1 THRU RW02D-2 PROPOSED ALIGNMENT CONTROL SHEETS
RW03E-1 THRU RW03E-3 RIGHT OF WAY CONTROL SHEETS
                     RIGHT OF WAY PLANS
TMP-01 THRU TMP-297 TRAFFIC MANAGEMENT PLANS
PMP-01 THRU PMP-27 PAVEMENT MARKING PLANS
PMP-01 THRU PMP-10 PAVEMENT MARKING PLANS (U-2519AAAB-SA)
                      ELECTRICAL PLANS
                      FROSION CONTROL PLANS
                      UTILITY CONSTRUCTION PLANS
                      UTILITIES BY OTHERS PLANS
                      CROSS-SECTION INDEX AND SUMMARY
                      CROSS-SECTIONS
                      STRUCTURE PLANS - SR 1006 (-Y4-) OVER I-95 (-L-)
                      STRUCTURE PLANS - I-95 (-L-) OVER BIG MARSH SWAMP
                      STRUCTURE PLANS - I-95 (-L-) OVER NC 20 (-Y5-)
                      STRUCTURE PLANS - US 301 (-Y1B-) OVER I-95 (-L-)
                      STRUCTURE PLANS - SR 1726 (-Y6-) OVER I-95 (-L-)
                      STRUCTURE PLANS - I-95 (-L-) OVER LITTLE MARSH SWAMP
                      STRUCTURE PLANS - SR 1723 (-Y7-) OVER I-95 (-L-)
                      CULVERT PLANS - I-95 (-L-) STA. 677+13.20
                      CULVERT PLANS - I-95 (-L-) STA. 708+48.43
                      CULVERT PLANS - SR 1726 (-Y6-) STA. 23+47.75
                      CULVERT PLANS - I-95 (-L-) STA. 902+33.00
                      WALL PLANS
                      NOISE WALL PLANS
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