

04/06/15

INDEX OF SHEETS, GENERAL NOTES, AND LIST OF STANDARDS

| SHEET | DESCRIPTION | GENERAL NOTES: (CONTINUED) | STD.NO. | TITLE |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------|
| 1 | TITLE SHEET | | DIVISION 2 | – EARTHWORK |
| 1A | INDEX OF SHEETS /NOTES /STANDARDS | | 200.03 | Method of Clearing – Method III |
| 1B | CONVENTIONAL SYMBOLS | SUBSURFACE DRAINS: | 225.02 | Guide for Grading Subgrade – Secondary and Local |
| 2A–1 – 2A–4 | TYPICAL SECTIONS | | 225.04 | Method of Obtaining Superelevation – Two Lane Pavement |
| 2B–1 – 2B–2 | INTERSECTION DETAILS | SUBSURFACE DRAINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. NO. 815.02 AT LOCATIONS DIRECTED BY THE ENGINEER. | 225.05 | Method of Obtaining Superelevation – Divided Highways |
| 2C–1 – 2C–8 | STANDARD DETAILS | | | |
| 3B–1 | EARTHWORK SUMMARY | DRIVEWAYS: | | |
| 3D–1 – 3D–2 | DRAINAGE SUMMARY | DRIVEWAYS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. 848.03 AT LOCATIONS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER. | DIVISION 3 | – PIPE CULVERTS |
| 3G–1 | GEOTECHNICAL SUMMARY | | 300.01 | Method of Pipe Installation |
| 3P–1 | PARCEL INDEX SHEET | | 310.02 | Parallel Pipe End Section – Precast Concrete Section for 15” to 24” Pipe |
| 4 THRU 7 | ROADWAY PLAN | STREET TURNOUT: | 310.10 | Driveway Pipe Construction |
| 8 THRU 14 | ROADWAY PROFILE | | | |
| RW–1 THRU RW–7 | SURVEY CONTROL, EXISTING CENTERLINES | STREET RETURNS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. NO. 848.04 USING THE RADII NOTED ON PLANS. | DIVISION 5 | – SUBGRADE, BASES AND SHOULDERS |
| | RIGHT OF WAY, EASEMENT AND PROPERTY TIES | | 560.01 | Method of Shoulder Construction – High Side of Superelevated Curve – Method I |
| | | GUARDRAIL: | | |
| TMP–1 – TMP–25 | TRAFFIC CONTROL PLAN | | DIVISION 8 | – INCIDENTALS |
| PMP–1 – PMP–5 | PAVEMENT MARKING PLAN | 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. | 815.02 | Subsurface Drain |
| EC–1 – EC–11 | EROSION CONTROL PLAN | | 838.39 | Reinforced Concrete Endwall – for Single 72” Pipe 90 Skew |
| SIGN–1 – SIGN–6 | SIGNING PLANS | | 838.45 | Notes for Reinforced Concrete Endwall – Std. Dwg 838.21 thru 838.40 |
| SIG A | SIGNAL PLAN TITLE SHEET | TEMPORARY SHORING: | 838.69 | Reinforced Brick Endwall – for Single 72” Pipe 90 Skew |
| SIG–1.0 – SIG–4.8 | SIGNAL PLANS | | 838.75 | Notes for Reinforced Brick Endwall – Std. Dwg 838.51 thru 838.70 |
| SCP–1 – SCP–4 | SIGNAL COMMUNICATION PLANS | SHORING REQUIRED FOR THE MAINTENANCE OF TRAFFIC WILL BE PAID FOR AS “EXTRA WORK” IN ACCORDANCE WITH SECTION 104–7. | 838.80 | Precast Endwalls – 12” thru 72” Pipe 90 Skew |
| UC–1 – UC–9 | UTILITY CONSTRUCTION PLANS | | 840.00 | Concrete Base Pad for Drainage Structures |
| UO–1 – UO–5 | UTILITY BY OTHERS PLANS | UTILITIES: | 840.03 | Frame, Grates and Hood – for Use on Standard Catch Basin |
| X–1 – X–23 | CROSS SECTIONS | | 840.14 | Concrete Drop Inlet – 12” thru 30” Pipe |
| | | UTILITY OWNERS ON THIS PROJECT ARE DUKE ENERGY – (DISTRIBUTION) PIEDMONT NATURAL GAS – (DISTRIBUTION) BRIGHTSPEED – (COMMUNICATIONS) CONTERRA – (COMMUNICATIONS) CHARTER – (COMMUNICATIONS) CROWN CASTLE – (COMMUNICATIONS) METRONET – (COMMUNICATIONS) | 840.15 | Brick Drop Inlet – 12” thru 30” Pipe |
| GENERAL NOTES: | 2024 SPECIFICATIONS EFFECTIVE: 01–16–2024 REVISED: | | 840.16 | Drop Inlet Frame and Grates – for use with Std. Dwg 840.14 and 840.15 |
| | | ANY RELOCATION OF EXISTING UTILITIES WILL BE ACCOMPLISHED BY OTHERS, EXCEPT AS SHOWN ON THE PLANS. | 840.18 | Concrete Grated Drop Inlet Type ‘B’ – 12” thru 36” Pipe |
| GRADING AND SURFACING OR RESURFACING AND WIDENING: | 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. | RIGHT-OF-WAY MARKERS: | 840.19 | Concrete Grated Drop Inlet Type ‘D’ – 12” thru 36” Pipe |
| | | ALL RIGHT-OF-WAY MARKERS ON THIS PROJECT SHALL BE PLACED BY OTHERS. THE CONTRACTOR WILL BE RESPONSABLE FOR RESETTING ANY POINTS DISTURBED BY CONSTRUCTION. | 840.22 | Frames and Wide Slot Sag Grates |
| CLEARING: | | | 840.27 | Brick Grated Drop Inlet Type ‘B’ – 12” thru 36” Pipe |
| | CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD III (MODIFIED). | | 840.28 | Brick Grated Drop Inlet Type ‘D’ – 12” thru 36” Pipe |
| | | CURB RAMPS | 840.31 | Concrete Junction Box – 12” thru 36” Pipe |
| SUPERELEVATION: | ALL CURVES ON THIS PROJECT SHALL BE SUPERELEVATED IN ACCORDANCE WITH STDs. NO. 225.04 AND 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. | CURB RAMPS ARE SHOWN ON THE PLANS AT APPROXIMATE LOCATIONS. CONSTRUCT ALL CURB RAMPS ACCORDANCE WITH STD 848.05 and/or 848.06. | 840.32 | Brick Junction Box – 12” thru 66” Pipe |
| | | | 840.34 | Traffic Bearing Junction Box – for Use with Pipes 42” and Under |
| SHOULDER CONSTRUCTION: | | 2024 ROADWAY ENGLISH STANDARD DRAWINGS | 840.35 | Traffic Bearing Grated Drop Inlet – for Cast Iron Double Frame and Grates |
| | ASPHALT, EARTH, AND CONCRETE SHOULDER CONSTRUCTION ON THE HIGH SIDE OF SUPERELEVATED CURVES SHALL BE IN ACCORDANCE WITH STD. NO. 560.01 | EFF. 01–16–2024 REV. | 840.37 | Steel Grate and Frame |
| | | The following Roadway Standards as appear in “Roadway Standard Drawings” Highway Design Branch – | 840.45 | Precast Drainage Structure |
| SIDE ROADS: | 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. | N. C. Department of Transportation – Raleigh, N. C., Dated January, 2024 are applicable to this project | 840.46 | Traffic Bearing Precast Drainage Structure |
| | | and by reference hereby are considered a part of these plans: | 840.54 | Manhole Frame and Cover |
| | | | 840.66 | Drainage Structure Steps |
| | | | 840.72 | Pipe Collar |
| | | | 846.01 | Concrete Curb, Gutter and Curb & Gutter |
| | | | 848.01 | Concrete Sidewalk |
| | | | 848.03 | Driveway Turnout – Drop Curb Type |
| | | | 848.04 | Street Turnout |
| | | | 848.06 | Curb Ramp |
| | | | 852.01 | Concrete Islands |
| | | | 852.06 | Method for Placement of Drop Inlets in Concrete Islands |
| | | | 862.01 | Guardrail Placement |
| | | | 862.02 | Guardrail Installation |
| | | | 876.01 | Rip Rap in Channels and Ditches |
| | | | 876.02 | Guide for Rip Rap at Pipe Outlets |