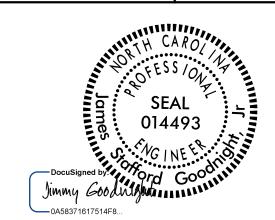
DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA

PROJECT REFERENCE NO. SHEET NO. B-4932 /A



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2018 ROADWAY ENGLISH STANDARD DRAWINGS

EFF. 01-16-2018

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

225.02 GUIDE FOR GRADING SUBGRADE - SECONDARY AND LOCAL

225.04 METHOD OF OBTAINING SUPERELEVATION - TWO LANE PAVEMENT

275.01 ROCK PLATING

DIVISION 3 - PIPE CULVERTS

300.01 METHOD OF PIPE INSTALLATION

310.10 DRIVEWAY PIPE CONSTRUCTION

DIVISION 4 - MAJOR STRUCTURES

422.01 BRIDGE APPROACH FILLS - TYPE I STANDARD APPROACH FILL

422.03 REINFORCED BRIDGE APPROACH FILLS - TYPE A ALTERNATE APPROACH FILL FOR INTEGRAL ABUTMENT

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

806.01 CONCRETE RIGHT-OF-WAY MARKER 806.02 GRANITE RIGHT-OF-WAY MARKER

838.21 REINFORCED CONCRETE ENDWALL - FOR SINGLE 54" PIPE 90 SKEW

838.51 REINFORCED BRICK ENDWALL - FOR SINGLE 54" PIPE 90 SKEW

838.75 NOTES FOR REINFORCED BRICK ENDWALL - STD. DWG. 838.51 THRU 838.52

840.00 CONCRETE BASE PAD FOR DRAINAGE STRUCTURES

840.25 ANCHORAGE FOR FRAMES - BRICK OR CONCRETE OR PRECAST

840.29 FRAMES AND NARROW SLOT FLAT GRATES

840.35 TRAFFIC BEARING GRATED DROP INLET - FOR CAST IRON DOUBLE FRAME AND GRATES

840.46 TRAFFIC BEARING PRECAST DRAINAGE STRUCTURE

840.66 DRAINAGE STRUCTURE STEPS

840.72 PIPE COLLAR

846.01 CONCRETE CURB, GUTTER AND CURB & GUTTER

846.04 DROP INLET INSTALLATION IN SHOULDER BERM GUTTER 862.01 GUARDRAIL PLACEMENT

862.02 GUARDRAIL INSTALLATION

862.03 STRUCTURE ANCHOR UNITS

862.04 ANCHORING END OF GUARDRAIL - B-77 AND B-83 ANCHOR UNITS

876.01 RIP RAP IN CHANNELS

876.02 GUIDE FOR RIP RAP AT PIPE OUTLETS

GENERAL NOTES:

2018 SPECIFICATIONS EFFECTIVE: 01-16-2018 REVISED:

GRADING AND SURFACING OR RESURFACING AND WIDENING:

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.

CLEARING:

CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD III.

SUPERELEVATION:

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. SUPERELEVATIONS IS TO BE REVOLVED ABOUT THE GRADE POINTS SHOWN ON THE TYPICAL SECTIONS.

SHOULDER CONSTRUCTION:

ASPHALT, EARTH, AND CONCRETE SHOULDER CONSTRUCTION ON THE HIGH SIDE OF SUPERELEVATED CURVES SHALL BE IN ACCORDANCE WITH STD. NO. 560.01

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.

GUARDRAIL:

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.

TEMPORARY SHORING:

SHORING REQUIRED FOR THE MAINTENANCE OF TRAFFIC WILL BE PAID FOR AS "EXTRA WORK" IN ACCORDANCE WITH SECTION 104-7.

END BENTS:

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.

UTILITIES:

UTILITY OWNERS ON THIS PROJECT ARE EDGECOMBE MARTIN EMC (POWER), EDGECOMBE COUNTY (WATER), CENTURY LINK (TELEPHONE), AND SUDDENLINK (CATV).

ANY RELOCATION OF EXISTING UTILITIES WILL BE ACCOMPLISHED BY OTHERS, EXCEPT AS SHOWN ON THE PLANS.

RIGHT-OF-WAY MARKERS:

ALL RIGHT-OF-WAY MARKERS ON THIS PROJECT SHALL BE PLACED BY CONTRACT.