



STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

INDEX OF SHEETS

C201118 (R-2562D)
 BLADEN COUNTY

SHEET NUMBER	SHEET
1	TITLE SHEET
1-A	INDEX OF SHEETS, GENERAL NOTES, AND LIST OF STANDARDS
1-B	CONVENTIONAL SYMBOLS
2 THRU 2-E	PAVEMENT SCHEDULE & TYPICAL SECTIONS
2-F	DITCH DETAILS
2-G	DETAIL FOR DRIVEWAY TURNOUT
2-H THRU 2-I	DETAIL FOR WHEELCHAIR RAMP
2-J	DETAIL FOR MDI TYPE "D" SPECIAL
2-K	DETAIL FOR MDI TYPE "B" SPECIAL
2-L THRU 2-O	DETAIL FOR GUARDRAIL INSTALLATION
3	SUMMARY OF QUANTITIES
3-A THRU 3-M	SUMMARY OF DRAINAGE QUANTITIES
3-N	SUMMARY OF EARTHWORK
3-O	SUMMARIES FOR GUARDRAIL & PAVEMENT REMOVAL
3-P THRU 3-Q	PARCEL INDEX
3-R THRU 3-U	RIGHT OF WAY AREA DATA SHEET
4 THRU 43	PLAN & PROFILE SHEET
TCP-1 THRU TCP-52	TRAFFIC CONTROL PLANS
PM-1 THRU PM-6	PAVEMENT MARKING PLANS
EC-1 THRU EC-47	EROSION CONTROL PLANS
SIGN-1 THRU SIGN-19	SIGNING PLANS
SIG-1 THRU SIG-13	SIGNAL PLANS
UC-1 THRU UC-24	UTILITY CONFLICT & UTILITY CONSTRUCTION PLANS
UO-1 THRU UO-21	UTILITIES BY OTHERS PLANS
X-0 THRU X-95	CROSS SECTIONS

INDEX OF SHEETS

GENERAL NOTES: 2002 SPECIFICATIONS
 EFFECTIVE: 01-15-02

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 OR 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.

SHOULDER CONSTRUCTION:

ASPHALT AND EARTH SHOULDER CONSTRUCTION ON HIGH SIDE OF SUPERELEVATED CURVES SHALL BE IN ACCORDANCE WITH STD. NO. 560.01 OR 560.02.

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.

UNDERDRAINS:

UNDERDRAINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. NO. 815.03 AT LOCATIONS DIRECTED BY THE ENGINEER.

DRIVEWAYS:

DRIVEWAYS SHALL BE CONSTRUCTED IN ACCORDANCE WITH DETAILS IN PLANS AT LOCATIONS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER.

STREET RETURNS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. NO. 848.04 USING THE RADII NOTED ON PLANS.

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.

SUBSURFACE PLANS:

NO SUBSURFACE PLANS ARE AVAILABLE ON THIS PROJECT. THE CONTRACTOR SHOULD MAKE HIS OWN INVESTIGATION AS TO THE SUBSURFACE CONDITIONS.

UTILITIES:

UTILITY OWNERS ON THIS PROJECT ARE:

CP&L CT&T

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 OTHERS.

WHEELCHAIR RAMPS:

WHEELCHAIR RAMPS ARE SHOWN ON THE PLANS AT APPROXIMATE LOCATIONS. THE CONSTRUCTION OF ALL WHEELCHAIR RAMPS SHALL BE IN ACCORDANCE WITH DETAILS IN PLANS.

EFF. 01-15-02

ROADWAY ENGLISH STANDARD DRAWINGS

The following Roadway Standards as appear in "Roadway Standard Drawings" Highway Design Branch - N. C. Department of Transportation - Raleigh, N. C., Dated January 15, 2002 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
- 225.05 Method of Obtaining Superelevation - Divided Highways
- 225.06 Method of Grading Sight Distance at Intersections

DIVISION 3 - PIPE CULVERTS

- 300.01 Method of Pipe Installation - Method 'A'
- 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

DIVISION 6 - ASPHALT BASES AND PAVEMENTS

- 654.01 Pavement Repairs

DIVISION 8 - INCIDENTALS

- 815.03 Pipe Underdrain and Blind 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
- 840.14 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.s 840.14 and 840.15
- 840.17 Concrete Median Drop Inlet Type 'A' - 12" thru 72" Pipe
- 840.18 Concrete Median Drop Inlet Type 'B' - 12" thru 36" Pipe
- 840.19 Concrete Median Drop Inlet Type 'D' - 12" thru 36" Pipe
- 840.24 Frames and Narrow Slot Sag Grates
- 840.25 Anchorage for Frames - Brick or Concrete
- 840.26 Brick Median Drop Inlet Type 'A' - 12" thru 72" Pipe
- 840.27 Brick Median Drop Inlet Type 'B' - 12" thru 36" Pipe
- 840.28 Brick Median Drop Inlet Type 'D' - 12" thru 36" Pipe
- 840.29 Frames and Narrow Slot Flat Grates
- 840.34 Traffic Bearing Junction Box - for Use with Pipes 42" and Under
- 840.35 Traffic Bearing Drop Inlet - for Cast Iron Double Frame and Grates
- 840.37 Steel Grate and Frame
- 840.45 Precast Drainage Structure
- 840.46 Traffic Bearing Precast Drainage Structure
- 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
- 848.01 Concrete Sidewalk
- 848.04 Street Turnout
- 852.01 Concrete Islands
- 852.06 Method for Placement of Drop Inlets in Concrete Islands
- 862.01 Guardrail Placement
- 876.02 Guide for Rip Rap at Pipe Outlets
- 876.04 Drainage Ditches with Class 'B' Rip Rap