

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

INDEX OF SHEETS

SHEET NUMBER	SHEET
1	TITLE SHEET
1-A	INDEX OF SHEETS, GENERAL NOTES AND LIST OF STANDARDS
1-B	CONVENTIONAL SYMBOLS
2-A THRU 2-D	TYPICAL SECTIONS
2-E THRU 2-F	DRIVEWAY TURNOUT (Beg. April 2003 Let Use Detail in Lieu of standard)
2-G THRU 2-J	GUARDRAIL INSTALLATION (Beg. September 2003 Let Use detail in Lieu of Standard)
2-K THRU 2-L	STRUCTURE ANCHOR UNITS (Beg. July 2004 Let Use detail in Lieu of Standard)
3	SUMMARY OF QUANTITIES
3-A	DRAINAGE SUMMARIES
3-B	SUMMARIES OF EARTHWORK, ASPHALT PAVEMENT AND GUARDRAIL
4 THRU 18	PLAN / PROFILE SHEETS
TCP-1 THRU TCP-6	TRAFFIC CONTROL PLANS
PM-1 THRU PM-5	PAVEMENT MARKING PLANS
EC1-EC3	EROSION CONTROL PLANS

GENERAL NOTES

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.

GRADING:

THE GRADE LINES SHOWN DENOTE THE FINISHED ELEVATION OF THE PROPOSED OR FUTURE SURFACING AT GRADE POINTS SHOWN ON THE TYPICAL SECTIONS. 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.

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.

BERM DITCHES:

BERM DITCHES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. NO. 24001 AT LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

SHOULDER DRAINS:

SHOULDER DRAINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. NO. 81602 OR 81603 AND DETAILS IN PLANS 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. 84804 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.

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, PO BOX 155, RALEIGH, NC 27602
 BRUNSWICK EMC, PO BOX 826, SHALLOTTE, NC 28549
 NC NATURAL GAS, DRAWER 909, FAYETTEVILLE, NC 28302
 BELLSOUTH, RM 720, 50 NAT BANK BLDG, CHARLOTTE, NC
 TIME WARNER CABLE, 1949 DAWSON ST, WILMINGTON, NC 28403
 SOUTH WILMINGTON PIPELINE VOPAK, PO BOX 15609, BROADVIEW ST., BATON ROUGE, LA 70895
 AT&T, 900 FRANKLIN AVE., CHARLOTTE, NC 28206
 TELEMEDIA CORPORATION, PO BOX 1998, GEORGETOWN, SC 29942
 NORTH CAROLINA DEPT. OF TRANSPORTATION, 124 DIVISION DR., WILMINGTON, NC 28401
 ADELPHIA BUSINESS SOLUTIONS, NORTH MAIN STREET, COUDERSPORT, PA 16915
 BUSINESS TELECOM INC., 1071, 2111-103 HARROD STREET, RALEIGH, NC 27609
 SOUTH BRUNSWICK WATER & SEWER AUTHORITY, 502 N. SUNSET BLVD., SUNSET BEACH, NC 28470
 ATLANTIC TELEPHONE, PO BOX 3198, SHALLOTTE, NC 28459
 CITY OF SOUTHPORT, 201 E. MOORE STREET, SOUTHPORT, NC 28461

ANY RELOCATION OF EXISTING UTILITIES WILL BE ACCOMPLISHED BY OTHERS. (USE THE FOLLOWING NOTE WHEN UTILITY CONSTRUCTION PLANS ARE INCLUDED IN THE PROJECT.)

ROADWAY ENGLISH STANDARDS

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	
225.02	Guide for Grading Subgrade - Secondary and Local
225.03	Deceleration and Acceleration Lanes
225.06	Method of Grading Sight Distance at Intersections
240.01	Guide for Berm Ditch Construction
DIVISION 3 - PIPE CULVERTS	
300.01	Method of Pipe Installation - Method 'A'
300.02	Method of Pipe Installation - Method 'B'
310.02	Parallel Pipe End Section - Precast Concrete Section for 15" to 24" Pipe
310.03	Cross Pipe End Section - Precast Concrete Section for 18" to 30" Pipe
DIVISION 8 - INCIDENTALS	
840.02	Concrete Catch Basin - 12" thru 54" Pipe
840.03	Frame, Grates and Hood - for Use on Standard Catch Basin
840.04	Concrete Catch Basin with Single and Multiple Pipes - 12" thru 48" Pipe
840.14	Concrete Drop Inlet - 12" thru 30" Pipe
840.16	Drop Inlet Frame and Grates - for use with Std. Dwg 840.14 and 840.15
840.30	Driveway Drop Inlet
840.31	Concrete Junction Box - 12" thru 66" Pipe
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
840.71	Concrete and Brick Pipe Plug
840.72	Pipe Collar
846.01	Concrete Curb, Gutter and Curb & Gutter
848.04	Street Turnout
852.01	Concrete Islands
862.01	Guardrail Placement

5/28/99