


5/14/99

PROJECT REFERENCE NO. U-4737	SHEET NO. 1-A
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
	

# DIVISION OF HIGHWAYS

## STATE OF NORTH CAROLINA

### INDEX OF SHEETS

1	TITLE SHEET
1-A	INDEX OF SHEETS, LIST OF STANDARDS, AND GENERAL NOTES
1-B	CONVENTIONAL SYMBOLS
2	TYPICAL SECTIONS
2-A	TYPICAL SECTIONS
2-B	WHEELCHAIR RAMP DETAILS
2-C	WHEELCHAIR RAMP DETAILS
2-D	DETAIL OF REINFORCED CONCRETE ENDWALL FOR 78" PIPE
3	SUMMARY OF QUANTITIES
3-A THRU 3-B	DRAINAGE SUMMARIES
3-C	SUMMARY OF EARTHWORK AND ASPHALT PAVEMENT REMOVAL
4 THRU 5	PLAN SHEETS
6	PROFILE SHEET
TCP-1 THRU TCP-8	TRAFFIC CONTROL PLAN SHEETS
PM-1 THRU PM-2	PAVEMENT MARKING PLAN SHEETS
EC-1 THRU EC-3	EROSION CONTROL PLAN SHEETS
X-0	CROSS-SECTION SUMMARY
X-1 THRU X-9	CROSS SECTIONS

### GENERAL NOTES

**GRADE LINE:**  
**GRADING AND SURFACING:**  
 THE GRADE LINES SHOWN DENOTE THE FINISHED ELEVATION OF THE PROPOSED 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.

**CLEARING:**  
 CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD II.

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

**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.

**DRIVEWAYS:**  
 DRIVEWAYS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. NO. 848.03 AT LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.  
 STREET RETURNS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. NO. 848.04 USING THE RADII NOTED ON THE PLANS.

**UNDERDRAINS:**  
 UNDERDRAINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. NO. 815.03 . RECOMMEND 450 LINEAR FEET OF 6-INCH PERFORATED UNDERDRAIN TO BE USED ALONG THE LEFT AND RIGHT SIDES OF -L- STATIONS 17+38+/- TO 21+70+/-.

**UTILITIES:**  
 UTILITY OWNERS ON THIS PROJECT ARE GREENVILLE UTILITIES COMMISSION (ELECTRIC, WATER, SEWER, GAS), SPRINT AND COX COMMUNICATIONS.

**RIGHT OF WAY MARKERS:**  
 RIGHT OF WAY MARKERS SHALL BE PLACED BY THE CONTRACTOR AND SHALL BE IN ACCORDANCE WITH STD. NO. 806.01 OR 806.02.

**SUBSURFACE INFORMATION:**  
 THERE IS NO SUBSURFACE INFORMATION AVAILABLE FOR THIS PROJECT. THE CONTRACTOR SHALL MAKE HIS OWN INVESTIGATION INTO SUBSURFACE CONDITIONS.

### LIST OF STANDARDS

200.02	METHOD OF CLEARING - METHOD II
225.02	GUIDE FOR GRADING SUBGRADE - SECONDARY & LOCAL
225.04	METHOD OF OBTAINING SUPERELEVATION - TWO LANE PAVEMENT
300.01	METHOD OF PIPE INSTALLATION - METHOD "A"
806.01	CONCRETE R/W MARKERS
806.02	GRANITE R/W MARKERS
815.03	PIPE UNDERDRAIN AND BLIND DRAIN
838.34	REINFORCED CONCRETE ENDWALL FOR DOUBLE AND TRIPLE 66" PIPE - 90 DEGREE SKEW.
840.00	CONCRETE BASE PAD FOR DRAINAGE STRUCTURES
840.01	BRICK CATCH BASIN - 15" THRU 54" PIPE
840.02	CONCRETE CATCH BASIN - 15" THRU 54" PIPE
840.03	FRAME, GRATES AND HOOD - FOR USE ON STANDARD CATCH BASIN
840.14	CONCRETE DROP INLET - 15" THRU 30" PIPE
840.15	BRICK DROP INLET - 15" THRU 30" PIPE
840.16	DROP INLET FRAME AND GRATES - FOR USE WITH STD. DWG'S 840.14 AND 840.15.
840.25	ANCHORAGE FOR FRAMES - BRICK OR CONCRETE
840.31	CONCRETE JUNCTION BOX - 12" THRU 66" PIPE
840.32	BRICK JUNCTION BOX - 12" THRU 66" PIPE
840.45	PRECAST DRAINAGE STRUCTURES
840.54	MANHOLE FRAME AND COVER
840.66	DRAINAGE STRUCTURE STEPS
846.01	CONCRETE CURB, GUTTER AND CURB & GUTTER
848.01	CONCRETE SIDEWALK
848.04	STREET TURNOUT
852.01	CONCRETE ISLANDS (KEYED IN )
852.06	METHOD FOR PLACEMENT OF DROP INLETS IN ISLANDS
876.02	GUIDE FOR RIP RAP AT PIPE OUTLETS
852.05	MEDIAN CURB FOR CATCH BASIN

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