COMPUTED BY: TO	DATE: 8/31/04
CHECKED BY: JT	DATE: 10/05/04

PROJECT REFERENCE NO.	SHEET NO.
B-3914	3-A

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

SUMMARY OF EARTHWORK IN CUBIC YARDS

LOCATION	UNCLASSIFIED EXCAVATION	UNDERCUT	EMBT+%	BORROW	WASTE
–L– STA. 10+00.00 TO STA. 14+35.00	1,828		228		1,600
BRIDGE					
–L– STA. 14+85.00 TO STA. 18+00.00	95		290	195	
SUBTOTAL:	1,923		518	195	1,600
WASTE IN LIEU OF BORROW				–195	–195
PROJECT TOTAL:	1,923				1,405
SAY:	2,000				
ESTIMATED UNDERCUT (CFI 8/21/03)		50			

SUMMARY OF EXISTING ASPHALT PAVEMENT REMOVAL

STATION	LOCATION	SQUARE YARDS
–L– STA. 11+76.81 TO STA. 14+30.97	RT	587.10
–L– STA. 14+65.93 TO STA. 15+52.62	RT	364.63
TOTAL:		951.74
SAY:		970

Note:
Approximate quantities only. Shoulder borrow, fine grading, clearing and grubbing, and removal of existing pavement will be paid for at the lump sum price for "Grading".

LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 48" & UNDER)

| STATION | LOCATION (LT,RT, OR CL) | STRUCTURE NO. FROM | STRUCTURE NO. TO | TOP ELEVATION | INVERT ELEVATION | INVERT ELEVATION | SLOPE CRITICAL | CLASS III R.C. PIPE (UNLESS NOTED OTHERWISE) SIZE 12" | 15" | 18" | 24" | 30" | 36" | 42" | 48" | BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHRWISE) THICKNESS OR GAUGE 12" | 15" | 18" | 24" | 30" | 36" | 42" | 48" | 15" SIDE DRAIN PIPE | 18" SIDE DRAIN PIPE | 24" SIDE DRAIN PIPE | ENDWALLS STD. 838.01 OR STD. 838.11 (UNLESS NOTED OTHERWISE) CU. YDS. R.C.P. | C.S.P. | QUANTITIES FOR DRAINAGE STRUCTURES * TOTAL L.F. FOR PAY QUANTITY SHALL BE COL. "A" + (1.3 X COL."B") PER EACH (0' THRU 5.0') | LIN. FT. A 5.0' THRU 10.0' | B 10.0' AND ABOVE | C.B. STD. 840.01 OR STD. 840.02 | FRAME, GRATES AND HOOD STANDARD 840.03 TYPE OF GRATE E | F | G | D.I. STD. 840.14 OR STD. 840.15 | D.I. FRAME & GRATE STD. 840.16 | M.D.I. TYPE "A" STD. 840.17 OR 840.26 | M.D.I. TYPE "B" STD. 840.18 OR 840.27 | M.D.I. TYPE "D" STD. 840.19 OR 840.28 | M.D.I. FRAME WITH GRATE STD. 840.22 | M.D.I. FRAME WITH TWO GRATES STD. 840.22 | M.D.I. (N.S.) FRAME WITH GRATE STD. 840.24 | M.D.I. (N.S.) FRAME WITH TWO GRATES STD. 840.24 | J.B. STD. 840.31 OR 840.32 | T.B.J.B. STD. 840.34 | T.B.D.I. STD. 840.35 | T.B.D.I. FRAME WITH GRATE STD. 840.36 | FRAMES AND NARROW SLOT FLAT GRATES 840.29 | PIPE REMOVAL LIN. FT. | REMARKS |
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