COMPUTED BY: H. CHRISTENBURY, EI DATE: XX-XX-XX
CHECKED BY: J. STARNES, PE DATE: XX-XX-XX

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PROJECT REFERENCE NO.	SHEET NO.
17BP.14.R.91	3B-1

RIGHT OF WAY AREA DATA

PARCEL NO.	PROPERTY OWNERS NAMES	TOTAL ACREAGE	AREA TAKEN	AREA REMAINING	TEMP. CONST. EASE.	PERM. DRAIN. EASE.	PERM. UTIL. EASE.	AER. UTIL. EASE.
1	WILLIAM E. NICHOLS		1078.95 SF		740.50 SF		356.87 SF	729.87 SF
2	WILLIAM D. KING	0.17 AC	202.58 SF	7196.91 SF	529.19 SF			
3	VAN S. FAIRCLOTH	0.68 AC	1770.88 SF	27,902.78 SF	295.60 SF	1032.11 SF		
4	MICKEY ANDERSON						374.73 SF	1871.23 SF

SUMMARY OF EARTHWORK

STATION	STATION	UNCL. EXCAV. (CY)	EMBANK. +% (CY)	BORROW (CY)	WASTE (CY)
-DET-10+00+/-	-DET-12+90+/-	2	62	60	
P1 10+50.00 -L-LT	P1 12+50.00 -L-LT	5	62	57	
P1 13+45.00 -L-LT	P1 14+50.00 -L-LT	4	41	37	
P2 12+50.00 -L-RT	P2 13+45.00 -L-RT	26	60	34	
P3 10+50.00 -L-	P3 14+50.00 -L-	39	45	6	
SUBTOTAL 1:		76	270	194	
DETOUR REMOVAL		62	2		60
SUBTOTAL SUMMARIES 1		138	272	194	
EARTH TO REPLACE BORROW:				-60	-60
PROJECT TOTALS		138	272	134	0
EST 5% TOPSOIL FOR BORROW PITS				7	
GRAND TOTALS:		138	272	141	0
SAY:		140		150	

EST. DDE = 20 CUBIC YARDS

NOTE:
P1, P2, P3 REFERS TO PHASE 1, PHASE 2, PHASE 3 RESPECTIVELY.

NOTE:
APPROXIMATE QUANTITIES ONLY. UNCLASSIFIED EXCAVATION, BORROW EXCAVATION, FINE GRADING, CLEARING AND GRUBBING, AND REMOVAL OF EXISTING PAVEMENT WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE FOR "GRADING."

CONTINGENCY ITEMS

ITEM	QUANTITY	UNIT
INCIDENTAL STONE BASE	50	TONS
FOUNDATION CONDITIONING MATERIAL	20	TONS
FOUNDATION CONDITIONING GEOTEXTILE	40	SY
UNDERCUT	50	CY

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

| STATION / SIZE / THICKNESS OR GAUGE | LOCATION (LT,RT, OR CL) | STRUCTURE NO. FROM | STRUCTURE NO. TO | TOP ELEVATION | INVERT ELEVATION | INVERT ELEVATION | SLOPE CRITICAL | DRAINAGE PIPE (RCP, CSP, CAAP, HDPE, or PVC) 12" | 15" | 18" | 24" | 30" | 36" | 42" | 48" | C.S. PIPE (UNLESS NOTED OTHRWISE) 12" | 15" | 18" | 24" | 30" | 36" | 42" | 48" | CLASS III R.C. PIPE (UNLESS OTHERWISE NOTED) 12" | 15" | 18" | 24" | 30" | 36" | 42" | 48" | 15" SIDE DRAIN PIPE | 18" SIDE DRAIN PIPE | 24" SIDE DRAIN PIPE | ENDWALLS STD. 838.01, STD. 838.11 OR STD. 838.80 (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") LIN. FT. PER EACH (0' THRU 5.0') | 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 | G.D.I. TYPE "A" STD. 840.17 OR 840.26 | G.D.I. TYPE "B" STD. 840.18 OR 840.27 | G.D.I. TYPE "D" STD. 840.19 OR 840.28 | G.D.I. FRAME WITH GRATE STD. 840.22 | G.D.I. FRAME WITH TWO GRATES STD. 840.22 | G.D.I. (N.S.) FRAME WITH GRATE STD. 840.24 | G.D.I. (N.S.) FRAME WITH TWO GRATES STD. 840.24 | J.B. STD. 840.31 OR 840.32 | T.B.D.I. STD. 840.35 | G.D.I. FRAME WITH TWO GRATES STD. 840.20 | CORR. STEEL ELBOWS NO. & SIZE | CONC. COLLARS CL. "B" C.Y. STD 840.72 | CONC. & BRICK PIPE PLUG, C.Y. STD. 840.71 | PIPE REMOVAL LIN.FT. | REMARKS |
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