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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PROJECT REFERENCE NO.	SHEET NO.
B-5139	3B-1

SUMMARY OF EARTHWORK

STATION	STATION	UNCL. EXCAV.	EMBANK. +%	BORROW	WASTE
L 14+10.00	L 15+21.88	11	38	27	
SUBTOTALS:		11	38	27	
L 15+94.13	L 17+10.00	9	39	30	
SUBTOTALS:		9	39	30	
PROJECT SUBTOTALS:		20	77	57	
LOSS DUE TO CLEARING & GRUBBING					
PROJECT TOTALS:		20	77	57	
5% TO REPLACE TOPSOIL ON BORROW PIT				3	
GRAND TOTALS:		20	77	60	
SAY:		100		100	

CONTINGENCY PAY ITEMS
UNDERCUT EXCAVATION = 100 CY
SELECT GRANULAR MATERIAL = 100 CY
GEOTEXTILE FOR SOIL STABILIZATION = 150 SY
SUBDRAIN EXCAVATION = 23 CY
SUBDRAIN COURSE AGGREGATE = 17 CY
6" PERFORATED SUBDRAIN PIPE = 100 LF
SUBDRAIN PIPE OUTLET = 1 EACH
6" OUTLET PIPE = 6 LF
GEOTEXTILE FOR SUBSURFACE DRAINS = 100 SY

PAVEMENT REMOVAL SUMMARY

SURVEY LINE	STATION	STATION	LOCATION LT/RT/CL	YD²
L	15+05.00	15+35.99	CL	71.16
L	15.80.35	16+10.00	CL	68.59
			TOTAL:	139.75
			SAY:	150.00

Note: Approximate quantities only. Unclassified Excavation, Borrow Excavation, Shoulder Borrow, Fine Grading, Clearing and Grubbing, Breaking of Existing Pavement, and Removal of Existing Pavement will be paid for at the contract lump sum price for "Grading."

RIGHT OF WAY AREA DATA

PARCEL NO.	PROPERTY OWNERS NAMES	TOTAL ACREAGE	AREA TAKEN	AREA REMAINING RT.	AREA REMAINING LT.	CONST. EASE.	PERM. DRAIN. EASE.	TEMP. DRAIN. EASE.
	DAVID D. MCREYNOLDS		NO CLAIM					
	TIMBERVEST PTNR. II, LLC.		NO CLAIM					
	DIANNE H. PEELE		NO CLAIM					
1	CHARLES S. BAZEMORE						300 SF	
2	BURGES UROUHART, IV						300 SF	

SHOULDER BERM GUTTER SUMMARY

SURVEY LINE	STATION	STATION	LENGTH
L LT	14+97.00	15+10.88	13.88'
L RT	14+97.00	15+10.88	13.88'
L LT	16+05.13	16+20.00	14.87'
L RT	16+05.13	16+20.00	14.87'
		TOTAL:	57.50'
		SAY:	60.00'

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

NOTE: INVERT ELEVATIONS INDICATED ARE FOR BID PURPOSES ONLY AND SHALL NOT BE USED FOR PROJECT CONSTRUCTION STAKEOUT. SEE "STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES, SECTION 300-5".

| 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" | DO NOT USE RCP | DO NOT USE CSP | DO NOT USE CAAP | DO NOT USE HDPE | C.S. PIPE 12" | 15" | 18" | 24" | 36" | 42" | 48" | R.C. PIPE (CLASS III) 15" | 18" | 24" | 30" | 36" | 42" | 48" | R.C. PIPE (CLASS IV) 12" | 15" | 18" | 24" | 30" | 36" | 42" | 48" | *** R.C. PIPE (CLASS 'V') | *** R.C. PIPE CULVERTS, CONTRACTOR DESIGN PIPE | *** R.C. PIPE CULVERTS, CONTRACTOR DESIGN PIPE | 15" SIDE DRAIN PIPE | 18" 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') PER EACH (0' THRU 5.0') | LIN. FT. A 5.0' THRU 10.0' | LIN. FT. 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 | CONCRETE TRANSITIONAL SECTION CATCH BASIN | DROP INLET | G.D.I. TYPE "B" STD. 840.18 OR 840.27 | G.D.I. (N.S.) FRAME WITH TWO GRATES STD. 840.24 | T.B.D.I. STD. 840.35 | G.D.I. (N.S.) FRAME WITH TWO GRATES STD. 840.29 | M.H. FRAME & COVER STD. 840.54 | J.B. STD. 840.31 OR 840.32 | MODIFIED CONCRETE FLUME | 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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