COMPUTED BY: C. W. HYATT, JR. DATE: 04/12/04
CHECKED BY: R. D. HURLBUT DATE: 04/12/04

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PROJECT REFERENCE NO.	SHEET NO.
B-3445	3B

RIGHT OF WAY AREA DATA

PARCEL NO.	PROPERTY OWNERS NAME	TOTAL ACREAGE	AREA TAKEN	AREA REMAINING RIGHT	AREA REMAINING LEFT	CONSTR. EASEMENT	PERMANENT DRAINAGE EASEMENT	TEMPORARY DRAINAGE EASEMENT
1	US DEPT OF INTERIOR	NA	53,593 SF	NA	NA	NA	NA	NA

PAVEMENT REMOVAL SUMMARY

SUMMARY

STATION	STATION	LOCATION	QUANTITY	DESCRIPTION
20+04	23+67	CL	41 SY	SHORING
22+78	23+67	LT & RT	362 SY	
24+61	27+00	CL	27 SY	SHORING
24+63	25+58	LT & RT	253 SY	
20+04	23+67	RT	41 SY	TEMPORARY PAVEMENT
24+61	27+00	RT	27 SY	TEMPORARY PAVEMENT
0.936 MI		CL	21 SY	36" CAA PIPE LOCATION
0.605 MI		CL	21 SY	36" CAA PIPE LOCATION
0.292 MI		CL	21 SY	36" CAA PIPE LOCATION
1.081 MI		CL	21 SY	36" CAA PIPE LOCATION
1.548 MI		CL	21 SY	36" CAA PIPE LOCATION
1.863 MI		CL	21 SY	36" CAA PIPE LOCATION
2.122 MI		CL	21 SY	36" CAA PIPE LOCATION
2.339 MI		CL	21 SY	36" CAA PIPE LOCATION
		TOTAL	1292 SY	
		SAY:	1300 SY	

PAVEMENT BREAKUP SUMMARY

SUMMARY

STATION	STATION	LOCATION	QUANTITY	DESCRIPTION
21+04	22+78	LT & RT	416 SY	
25+58	27+00	LT & RT	284 SY	
		TOTAL	700 SY	
		SAY:	725 SY	

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

STATION / SIZE	LOCATION (LT,RT, OR CL)	STRUCTURE NO. FROM	TO	CLASS III R.C. PIPE (UNLESS NOTED OTHERWISE) 12"	15"	18"	24"	30"	36"	42"	48"	BITUMINOUS COATED C.S. PIPE TYPE B (UNLESS NOTED OTHERWISE) 12" .064	15" .064	18" .064	24" .064	24"	30" .079	30"	36" CAA .079	36" CAA .075	42" .109	42"	48" .109	48"	SHOP ELONGATED	ENDWALLS STD. 838.01 (UNLESS NOTED OTHERWISE) CU. YDS. USING CONC. R.C.P.	STD. 838.01 C.S.P.	STD. 838.11 (UNLESS NOTED OTHERWISE) CU. YDS. USING BRICK R.C.P.	STD. 838.11 C.S.P.	QUANTITIES FOR DRAINAGE STRUCTURES PER EACH (0' THRU 5.0')	* LIN. FT. A 5.0' THRU 10.0'	* LIN. FT. B 10.0' AND ABOVE	TYPE OF CONSTRUCTION PERMITTED BRICK	BLOCK	CONCRETE	PRECAST	C.B. STD. 840.01 OR STD. 840.02	FRAME, GRATES & HOOD STANDARD 840.03 TYPE OF GRATE E	F	G	TOP ELEVATION	INVERT ELEVATION	INVERT ELEVATION	SLOPE CRITICAL	T.B.D.I. STD. 840.35	M.D.I. (N.S.) FRAME WITH TWO GRATES STD. 840.29	PIPE REMOVAL	REMARKS
-L- 22+00	RT	1																												1	–	–									7.12	4.62			1	1		
		1	2		36																																					4.62	4.22					
-L- 22+00	LT	2																												1	–	–									7.12	4.02			1	1		
		2	3		20																																					4.02	3.00					
-L- 25+46	RT	4																												1	–	–									6.79	4.19			1	1		
		4	5		36																																					4.19	3.89					
-L- 25+46	LT	5																												1	–	–									6.69	3.69			1	1		
		5	6		20																																					3.69	3.00					
3 W.LOC'S																				120																												0.936 MI., 0.605 MI., 0.292 MI.
1.081 MI.																				40																												
1.548 MI.																				40																												
1.863 MI.																				40																												
2.122 MI.																				40																											40	
2.339 MI.																				40																											40	
TOTAL					112															320										4	–	–													4	4	80	

* TOTAL L.F. FOR PAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL.'B')

ABBREVIATIONS

C.B. CATCH BASIN
N.D.I. NARROW DROP INLET
D.I. DROP INLET
M.D.I. MEDIAN DROP INLET
M.D.I. (N.S.) MEDIAN DROP INLET (NARROW SLOT)
J.B. JUNCTION BOX
M.H. MANHOLE
T.B.D.I. TRAFFIC BEARING DROP INLET
T.B.J.B. TRAFFIC BEARING JUCTION BOX

GUARDRAIL SUMMARY

"N" = DISTANCE FROM EDGE OF LANE TO FACE OF GUARDRAIL.
TOTAL SHOULDER WIDTH = DISTANCE FROM EDGE OF TRAVEL LANE TO SHOULDER BREAK POINT.
FLARE LENGTH = DISTANCE FROM LAST SECTION OF PARALLEL GUARDRAIL TO END OF GUARDRAIL.
W = TOTAL WIDTH OF FLARE FROM BEGINNING OF TAPER TO END OF GUARDRAIL.

SURVEY LINE	BEG. STA.	END STA.	LOCATION	LENGTH STRAIGHT	LENGTH TEMP. GUARDRAIL	LENGTH DOUBLE FACED	WARRANT POINT APPROACH END	WARRANT POINT TRAILING END	"N" DIST. FROM E.O.L.	TOTAL SHOUL. WIDTH	FLARE LENGTH APPROACH END	FLARE LENGTH TRAILING END	W APPROACH END	W TRAILING END	ANCHORS XI MOD	ANCHORS TYPE III	ANCHORS GRAU 350	ANCHORS TEMP. TYPE III	ANCHORS TEMP. GRAU 350	IMPACT ATTENUATOR TYPE 350	SINGLE FACED GUARDRAIL	REMOVE EXISTING GUARDRAIL	REMOVE AND STOCKPILE EXISTING GUARDRAIL	REMARKS
-L-	21+09.55	23+34.55	RT	225			23+34.55		6.0	13.0	156.25		3.125			1	1							
-L-	20+96.45	23+21.45	LT	225				23+21.45	6.0	13.0		156.25		3.125		1	1							
-L-	25+01.36	27+26.36	RT	225			25+01.36		6.0	13.0	156.25		3.125			1	1							
-L-	25+14.77	27+39.77	LT	225				25+14.77	6.0	13.0		156.25		3.125		1	1							
-L-	21+24.80	23+37.80	RT		212.50		23+36.59		VAR.	VAR.	143.75		VAR.					1	1					TEMPORARY GUARDRAIL
-L-	25+17.40	27+29.80	RT		212.50			25+16.98	VAR.	VAR.		143.75		VAR.				1	1					TEMPORARY GUARDRAIL
SUBTOTAL				900	425											4	4	2	2					
LESS ANCHORS																								
	TYPE III @	18.75	4 EACH	75																				
	GRAU 350 @	50	4 EACH	200																				
TEMP.TYPE III @		18.75	2 EACH		37.5																			
TEMP.GRAU 350 @		50	2 EACH		100																			
PROJECT TOTALS				625	287.5		(NOTE: 5 ADDITIONAL GUARDRAIL POSTS.)									4	4	2	2					

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