COMPUTED BY: GSP DATE: 5/16/2003
CHECKED BY: SLK DATE: 9/29/2004

PROJECT NO.	SHEET NO.
B-3704	3-A

SUMMARY OF EARTHWORK

LINE	Station	Station	Uncl. Excav. YD³	Undercut YD3	Embank. + % YD³	Borrow YD³	Waste YD³
-L-	11+75.00	16+30.00	2725		6277	3552	
		SUB TOTAL	2725		6277	3552	
-L-	17+80.00	27+25.00	1718		13457	11739	
		SUB TOTAL	1718		13457	11739	
		TOTAL	**4443**		**19734**	**15291**	
		SUBTOTAL	**4443**		**19734**	**15291**	
		LOSS DUE TO C&G	**-250**			**250**	
		Uncl. Str. Excav. to Replace Borrow				**-1520**	
		PROJECT TOTAL	**4193**		**19734**	**14021**	
		Estimate 5% for topsoil repl.				**701**	
		GRAND TOTALS:	**4193**		**19734**	**14722**	
		SAY:	**4200**			**14800**	

UNDERCUT: 70 CY
DDE: 265 CY

PARCEL INDEX

PARCEL No.	PROPERTY OWNERS NAME	SHEET NUMBER
1	WILLIAM G. & LOLA BAILEY	4
2	WILLIAM G. BAILEY ET AL	4,5
3	WILLIAM G. BAILEY ET AL	4
4	PAUL DRU BAILEY	4
5	TERRELL J. & JANE S. BAILEY	4,5
6	WILLIAM G. BAILEY ET AL	4,5

SUMMARY OF EXISTING ASPHALT PAVEMENT REMOVAL

LINE	STATION TO STATION		LOC LT/RT/CL	YD²
L	11+75.00	13+69.00	CL	503.0
L	22+36.00	27+25.00	CL	1299.0
			TOTAL	1802.0
			SAY	**1810.0**

SUMMARY OF BREAKING EXISTING ASPHALT

L	13+69.00	16+45.61	CL	709.0
L	17+50.59	22+36.00	CL	1302
			TOTAL	2011
			SAY	**2020.0**

GUARDRAIL SUMMARY

LINE	BEG. STA.	END STA.	LOC.	LENGTH STRAIGHT	LENGTH SHOP CURVED	LENGTH DOUBLE FACED	WARRANT POINT APPR. END	WARRANT POINT TRAIL. END	"N" DIST. FROM E.O.L.	TOTAL SHLDR WIDTH	FLARE LENGTH APPR. END	FLARE LENGTH TRAIL. END	W APPR. END	W TRAIL. END	ANCHORS XI MOD	ANCHORS TYPE III	ANCHORS GRAU 350	ANCHORS M-350	ANCHORS XII	ANCHORS CAT-1	ANCHORS VI MOD	IMP. ATTEN. TYPE 350 EA	IMP. ATTEN. TYPE 350 G	IMP. ATTEN. TYPE 350 NG	REMOVE EXISTING GRDRAIL	REMARKS
-L-	11+98.75	BRIDGE	LT.	431.25			BRIDGE	13+03.00	8'	11'		50'		1'		1	1									
-L-	14+11.25	BRIDGE	RT.	218.75			14+17.50	BRIDGE	8'	11'	50'		1'			1	1									
-L-	BRIDGE	22+11.25	LT.	431.25			21+00.00	BRIDGE	8'	11'	50'		1'			1	1									
-L-	BRIDGE	20+61.25	RT.	281.25			BRIDGE	20+00.00	8'	11'		50'		1'		1	1									
		SUBTOTAL		1362.50												**4**	**4**									
		TYPE III @ 18.75' X 4		-75.00																						
		GRAU-350 @ 50' X 4		-200.00																						
		TOTAL		1087.50																						
		SAY		**1087.50**																						
ADDITIONAL GUARDRAIL POSTS - SAY 5 EA.																										

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

STATION	SIZE / THICKNESS OR GAUGE	LOCATION (LT, RT, OR CL)¹	STRUCTURE NO. FROM	STRUCTURE NO. TO	TOP ELEVATION	INVERT IN ELEVATION	INVERT OUT ELEVATION		SLOPE CRITICAL	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"	15"	18"	24"	30"	36"	42"	48"	15" SIDE DRAIN PIPE 0.064	18" SIDE DRAIN PIPE 0.064	24" SIDE DRAIN PIPE 0.064	ENDWALLS STD. 838.01 STD.838.11 OR STD. 838.80 (UNLESS NOTED OTHERWISE) CU. YARDS R.C.P.	ENDWALLS STD. 838.01 STD.838.11 OR STD. 838.80 (UNLESS NOTED OTHERWISE) CU. YARDS 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')	YARDS A 5' THRU 10.0'	YARDS 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	M.D.I. TYPE "S" STD. 840.18 OR 840.27	T.B.D.I. STD. 840.35	M.D.I. FRAME WITH TWO GRATES STD. 840.24	M.D.I. FRAME WITH TWO GRATES STD. 840.29	JUNCTION BOX STD. 840.31	15" CS PIPE ELBOWS.	M.H. FRAME AND COVER STD. 840.54	CONC. & BRICK PIPE PLUG, YD³ STD. 840.71	PIPE REMOVAL (FEET)
13+94.00		RT.	1																					20																		
14+65.00		RT.	2		287.86		285.11																					1					1			1						
14+92.00		RT.	2	3		285.11	281.00				36																															
15+15.00		LT.	4	5		266.40	264.15								136												2.8															
16+12.00		RT.	5		268.92		264.15																					1														
16+56.00		RT.	5	6		264.15	264.00								52																											
16+01.54		LT.	7		289.10		286.35																					1					1			1						
16+01.54		LT.	7	8		286.35	270.90				40																															
18+02.00		LT.	9		289.97		287.22																					1					1			1						
18+50.00		LT.	9	10		287.22	286.93							96																												
19+00.00		LT.	10		290.64		286.93																					1					1			1						
19+00.00		LT.	10	11		286.93	266.85				52																															
21+27.00		RT.	12																					20																		
21+00.00		LT.	13	14		294.30	275.00				100																															
22+00.00		LT.	14		297.05		294.30																					1					1			1						
24+49.00		RT.	15																					20																	20	
26+08.00		RT.	16																					20																	21	
								TOTAL:			96				188						228			80			2.8		6													41	

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)
.) JUNCTION BOX
J.B. MANHOLE
M.H. TRAFFIC BEARING DROP INLET
T.B.D.I. TRAFFIC BEARING JUNCTION BOX
T.B.J.B.