



EARTHWORK SUMMARY

IN CUBIC METERS

LOCATION	UNCLASSIFIED EXCAVATION	UNDERCUT EXCAVATION	EMBANKMENT +%	BORROW	WASTE
-L- 10+04.447 TO 20+18.622 (BEG. BR.)	916		19,450	18,534	
-Y2A- 10+20.000 TO 10+80.000	81		152	71	
-Y2B- 10+40.000 TO 11+20.000	250		288	38	
-Y3- 10+40.000 TO 11+00.000	49		1,512	1,463	
SUBTOTAL	1,296		21,402	20,106	0
-L- 20+91.127(END BR.) TO 32+49.068 (BEG. BR.)	1,052		12,695	11,643	
-SR1- 10+20.000 TO 10+40.000	1		43	42	
-SR2- 10+20.000 TO 10+40.000	23		45	22	
-Y5- 10+20.000 TO 10+60.000	152		42	0	110
-Y6- 10+60.000 TO 10+80.000	2		58	56	
SUBTOTAL	1,230		12,883	11,763	110
-L- 33+37.765 (END BR.) TO 45+80.000	1,752		22,323	20,571	
-Y9- 10+00.000 TO 10+20.000	16		42	26	
-Y10- 10+20.000 TO 10+40.000	116		0		116
-Y12- 10+20.000 TO 10+40.000	44		100	56	
-Y14- 10+20.000 TO 10+40.000	46		26		20
-Y15- 10+00.000 TO 10+62.000	52		101	49	
-Y15A- 10+20.000 TO 10+40.000	0		76	76	
-Y15B- 11+11.000 TO 11+47.000	19		110	91	
-Y16- 10+20.000 TO 10+40.000	45		4		41
-Y17- 10+20.000 TO 11+80.000	529		1587	1,058	
-Y18- 10+20.000 TO 10+60.000	7		232	225	
-Y19- 10+20.000 TO 10+40.000	48		34		14
SUBTOTAL	2,674		24,635	22,152	191
-L- 45+80.000 TO 56+46.896	5,828	4,000	27,408	21,580	4,000
-Y21- 10+20.000 TO 10+40.000	0		100	100	
-Y22- 10+03.917 TO 10+47.000	7		55	48	
-Y23- 10+20.000 TO 10+40.000	234		0		234
-Y24- 10+20.000 TO 10+40.000	132		0		132
-Y25- 10+20.000 TO 10+60.000	925		0		925
-Y26- 10+40.000 TO 10+60.000	105		25		80
-Y27- 10+20.000 TO 10+40.000	56		0		56
-Y28- 10+20.000 TO 10+40.000	34		6		28
-Y29- 10+80.000 TO 11+00.000	141		0		141
SUBTOTAL	7,462	4,000	27,594	21,728	5,596
PROJECT TOTAL	12,662	4,000	86,514	75,749	5,897
WASTE IN LIEU OF BORROW				-1,897	-1,897
ADDITIONAL UNDERCUT PER GEOTECH (CONTINGENCY)		1,000	1,200	1,200	1,000
ESTIMATED UNDERCUT FOR GRADE POINT SELECT GRANULAR MATERIAL IN LIEU OF BORROW		1,000	1,200	1,200	1,000
			-6,400	-6,400	
ESTIMATE LOSS DUE TO CLEARING AND GRUBBING	-1,000			1,000	
ESTIMATE 5% FOR REPLACING TOPSOIL ON BORROW PIT				3,543	
GRAND TOTAL	11,662	6,000	82,514	74,395	6,000
SAY	12,000	6,000	83,000	74,500	6,000

-L-, -Y2A-, -Y2B-, -Y3-, -SR1-, -SR2-, -Y5-, -Y9-, -Y10-, -Y12-, -Y14-, -Y15-, -Y15A-, -Y16-, -Y17-, -Y18-, -Y19-, -Y21-,
-Y22-, -Y23-, -Y24-, -Y25-, -Y26-, -Y27-, -Y28-, & -Y29- PAVEMENT STRUCTURE VOLUME = 8100 CUBIC METERS

REVISIONS

27-SEP-2004 17:22
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Johnson