

EARTHWORKS



																SUMMARY AND BALANCES								
STATION	DIST.	TOTAL EXCAV. EARTH/ROCK		ROCK EXCAVATION		EMBANKMENT		STATION	DIST.	TOTAL EXCAV. EARTH/ROCK		ROCK EXCAVATION		EMBANKMENT		STATION TO STATION	TOTAL EXCAV. EARTH/ROCK	ROCK EXCAV. CUBIC METERS	EMBANKMENT CUBIC METERS	EXCESSES		ACCUM. EXCESSES		
		AREA	m ³	AREA	m ³	AREA	m ³			AREA	m ³	AREA	m ³	AREA	m ³					AREA	m ³	CUT	FILL	CUT
1+000		0				0																		
	10	2.0				4.0																		
1+010		0.4				0.8																		
	10	12.0				5.0																		
1+020		2.0				0.2																		
	10	29.0				3.5																		
1+030		3.8				0.5																		
	3	11.4				1.5																		
1+033		3.8				0.5																		
	2.8	18.3				1.0																		
1+035.8		9.3				0.2																		
	4.2	39.1				0.8																		
1+040		9.3				0.2																		
	10	111.5				3.0																		
1+050		13.0				0.4																		
	10	154.5				5.5																		
1+060		17.9				0.7																		
	10	209.5				6.0																		
1+070		24.0				0.5																		
	10	292.5				5.5																		
1+080		34.5				0.6																		
	10	324.0				5.0																		
1+090		30.3				0.4																		
	10	302.0				3.0																		
1+100		30.1				0.2																		
	10	280.5				13.0																		
1+110		26.0				2.4																		
	10	247.5				41.5																		
1+120		23.5				5.9																		
	10	205.5				94.0																		
1+130		17.6				12.9																		
	10	167.0				142.0																		
1+140		15.8				15.5																		
	10	142.5				156.5																		
1+150		12.7				15.8																		
	10	131.5				133.0																		
1+160		13.6				10.8																		
	10	167.5				55.5																		
1+170		19.9				0.3																		
	10	201.0				1.5																		
1+180		20.3				0																		
	1	20.3																						
1+181		20.3																						
	0.5	5.1																						
1+181.5		0																						
SPECIAL DITCHES		83.1																						

REMARKS	
EARTH AND ROCK EXCAVATION	3157.3
SOLID ROCK EXCAVATION	
EARTH EXCAVATION	3157.3
PLANIMETERED FILL	680.8
LESS FACTORED SOLID ROCK	
LESS DISPLACEMENT OF ANY LARGE STRUCTURES	
NET PLANIMETERED FILL	680.8
FACTOR (0.15)	102.1
PLANIMETERED FILL INCLUDING FACTOR (1.15)	782.9
MATERIALS AVAILABLE FOR FILLS	
EARTH EXCAVATION	3157.3
CHANNEL EXCAVATION	
UNDERDRAIN EARTH EXCAVATION (0.6 X 137.2)	82.3
UNDERDRAIN ROCK EXCAVATION (1.3 X	
FACTORED ROCK (1.3 X	
TOTAL MATERIAL AVAILABLE FOR FILL	3239.6
TOTAL FILL INCLUDING FACTOR	782.9
TOTAL MATERIAL FOR FILL	3239.6
BORROW	
EXCESS EXCAVATION	2456.7