
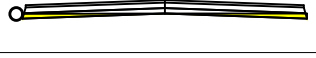
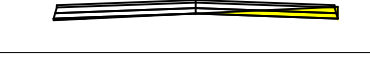
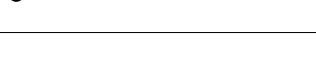
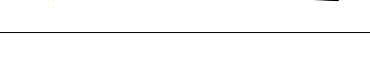










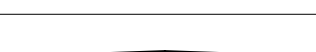
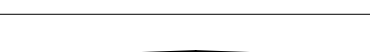




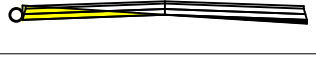

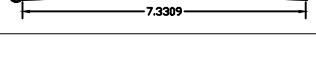















Gráfico de linhas mostrando a evolução da produção de COTAS DO TERRENO, COTAS DO GRUPO e COTAS DO TERRENO + COTAS DO GRUPO ao longo de 35 períodos. O eixo Y representa a quantidade, variando de 0 a 100.000. O eixo X representa os períodos de 1 a 35. A produção de COTAS DO TERRENO (linha amarela) e COTAS DO GRUPO (linha verde) cresce exponencialmente, com a soma total (linha azul) atingindo aproximadamente 100.000 no período 35.

Período	COTAS DO TERRENO	COTAS DO GRUPO	COTAS DO TERRENO + COTAS DO GRUPO
1	100	100	200
2	100	100	200
3	100	100	200
4	100	100	200
5	100	100	200
6	100	100	200
7	100	100	200
8	100	100	200
9	100	100	200
10	100	100	200
11	100	100	200
12	100	100	200
13	100	100	200
14	100	100	200
15	100	100	200
16	100	100	200
17	100	100	200
18	100	100	200
19	100	100	200
20	100	100	200
21	100	100	200
22	100	100	200
23	100	100	200
24	100	100	200
25	100	100	200
26	100	100	200
27	100	100	200
28	100	100	200
29	100	100	200
30	100	100	200
31	100	100	200
32	100	100	200
33	100	100	200
34	100	100	200
35	100	100	200

EST.	LD	PAVIMENTO P/ VEÍCULOS	LE	EST.	LD	PAVIMENTO P/ VEÍCULOS	LE
0				19			
1				20			
2				21			
3				22			
4				23			
5				24			
6				25			
7				26			
8				27			
9				28			
10				29			
11				30			
12				31			
13				32			
14				33			
15				34			
16				35			
17				35+13			
18							

Estaca	Aterro			Semi-distância (m)	Volume (m³)		Volume acumulado (m³)
	Corte	Aterro	Aterro Corrigido		C	A	
0	0.48		0.00			0.00	
1	0.49		0.00	10.00	9.70	0.00	9.70
2	0.48		0.00	10.00	9.70	0.00	19.40
3	0.49		0.00	10.00	9.70	0.00	29.10
4	0.48		0.00	10.00	9.70	0.00	38.80
5	0.78	0.33	0.50	10.00	12.60	4.95	46.45
6	0.48		0.00	10.00	12.60	4.95	54.10
7	0.53	0.03	0.05	10.00	10.10	0.45	63.75
8	0.55	0.07	0.11	10.00	10.80	1.50	73.05
9	0.48		0.00	10.00	10.30	1.05	82.30
10	0.54		0.00	10.00	10.20	0.00	92.50
11	0.54	0.05	0.08	10.00	10.80	0.75	102.55
12	0.49	0.01	0.02	10.00	10.30	0.90	111.95
13	0.67	0.18	0.27	10.00	11.60	2.85	120.70
14	0.48	0.00	0.00	11.50	11.50	2.70	128.50
15	0.48		0.00	10.00	9.60	0.00	139.10
16	0.88	0.39	0.59	10.00	13.60	5.85	146.85
17	0.48		0.00	10.00	13.60	5.85	154.60
18	0.88	0.39	0.59	10.00	13.60	5.85	162.35
19	1.17	0.67	1.01	10.00	20.50	15.90	166.95
20	0.56	0.07	0.11	10.00	17.30	11.10	173.15
21	0.57	0.07	0.11	10.00	11.30	2.10	182.35
22	0.48		0.00	10.00	10.50	1.05	191.80
23	0.48		0.00	10.00	9.60	0.00	201.40
24	0.48		0.00	10.00	9.60	0.00	211.00
25	0.68	0.20	0.30	10.00	11.60	3.00	219.60
26	0.53	0.04	0.06	10.00	12.10	3.60	228.10
27	0.48		0.00	10.00	10.10	0.60	237.60
28	0.48		0.00	10.00	9.60	0.00	247.20
29	0.47		0.00	10.00	9.50	0.00	256.70
30	0.54		0.00	10.00	10.10	0.00	266.80
31	1.00	0.47	0.71	10.00	15.40	7.05	275.15
32	0.48		0.00	10.00	14.60	7.05	282.90
33	2.32		0.00	10.00	28.00	0.00	310.90
34	1.74		0.00	10.00	40.80	0.00	351.50
35	2.52		0.00	10.00	42.60	0.00	394.10
35,690.4	3.02		0.00	6.90	38.25	0.00	432.35

LEGENDA	
	→ NÍVEL DO TERRENO
	→ GREIDE
	→ ATERRO
	→ CORTE

ESTACA 0 a 0+620 E 0+640 a 0+713

8,10

7,20

DETALHE 1

$i = -3\%$

$i = -3\%$

EIXO DE PROJETO

DETALHE 1 SEM ESCALA

CAMADA CBUQ ($e=6\text{cm}$)

BASE DE BRITA GRADUADA ($e=15\text{cm}$)

SUB BASE DE RACHÃO ($e=15\text{cm}$)

SUB LEITO NATURAL

ESTACA 0+620 a 0+640

8,10

7,20

DETALHE 1

$i = -3\%$

$i = +5\%$

EIXO DE PROJETO

BORDO DA PONTE

0.100
0.120
0.140
0.160
0.180
0.200
0.220
0.240
0.260
0.280
0.300
0.320
0.340
0.360
0.380
0.400
0.420
0.440
0.460
0.480
0.500
0.520
0.540
0.560
0.580
0.600
0.620
0.640
0.660
0.680
0.700

CONTINUAÇÃO DA R. Osvaldo Schüller

PAVIMENTAÇÃO ASFÁLTICA = ÁREA: 5.133,60m²