

**ESTRADA QUE LIGA O DISTRITO DE BARÃO DE AQUIRAZ A QUIXARIÚ - ESTACA 0 A 585+18.00**

**COORDENADAS CURVAS HORIZONTAIS**

31	500	69,706	34,91	07° 59' 15,7853"	236+13,330	----	----	240+03,036	N	9.243.045,17	9.242.622,19	----	9.242.640,80	----	9.242.663,34
									E	351.761,10	352.027,72	----	352.057,25	----	352.083,91
32	120	30,674	15,421	14° 38' 44,6466"	243+06,519	----	----	244+17,193	N	9.242.795,97	9.242.704,33	----	9.242.714,28	----	9.242.726,89
									E	352.054,92	352.132,39	----	352.144,17	----	352.153,04
33	120	8,026	4,014	03° 49' 55,0311"	252+16,900	----	----	253+04,926	N	9.242.926,56	9.242.857,49	----	9.242.860,77	----	9.242.864,20
									E	352.146,84	352.244,97	----	352.247,28	----	352.249,37
34	120	23,37	11,722	11° 09' 29,5664"	257+08,918	----	----	258+12,288	N	9.242.998,32	9.242.935,96	----	9.242.945,98	----	9.242.956,98
									E	352.190,49	352.293,02	----	352.299,11	----	352.303,15
35	120	18,153	9,094	08° 40' 02,4410"	261+10,780	----	----	262+08,933	N	9.243.053,24	9.243.011,89	----	9.243.020,43	----	9.243.029,34
									E	352.210,64	352.323,30	----	352.326,43	----	352.328,24
36	120	8,061	4,032	03° 50' 55,6541"	265+04,325	----	----	265+12,386	N	9.243.059,73	9.243.083,63	----	9.243.087,58	----	9.243.091,47
									E	352.456,87	352.339,27	----	352.340,07	----	352.341,14
37	200	26,043	13,04	07° 27' 38,2728"	272+15,453	----	----	274+01,496	N	9.243.282,33	9.243.229,44	----	9.243.242,02	----	9.243.254,93
									E	352.186,09	352.378,97	----	352.382,42	----	352.384,21
38	200	37,876	18,995	10° 51' 02,2726"	276+06,192	----	----	278+04,068	N	9.243.326,60	9.243.299,21	----	9.243.318,02	----	9.243.336,99
									E	352.192,21	352.390,33	----	352.392,93	----	352.391,94
39	200	55,383	27,87	15° 51' 57,4183"	281+11,728	----	----	284+07,111	N	9.243.414,95	9.243.404,56	----	9.243.432,39	----	9.243.459,56
									E	352.588,16	352.388,43	----	352.386,98	----	352.393,20
40	200	40,893	20,518	11° 42' 53,8234"	290+19,334	----	----	293+00,227	N	9.243.633,06	9.243.588,45	----	9.243.608,46	----	9.243.628,97
									E	352.227,73	352.422,69	----	352.427,26	----	352.427,68
41	70	96,557	57,738	79° 01' 59,4763"	296+17,783	----	----	301+14,340	N	9.243.705,07	9.243.706,51	----	9.243.764,23	----	9.243.774,05
									E	352.499,26	352.429,27	----	352.430,45	----	352.487,35
42	70	31,562	16,054	25° 50' 02,5865"	304+07,937	----	----	305+19,499	N	9.243.714,19	9.243.783,17	----	9.243.785,90	----	9.243.781,47
									E	352.552,07	352.540,17	----	352.555,99	----	352.571,41
43	200	23,132	11,579	06° 37' 36,6806"	310+10,762	----	----	311+13,894	N	9.243.948,46	9.243.756,25	----	9.243.753,05	----	9.243.751,16
									E	352.714,39	352.659,12	----	352.670,25	----	352.681,68
44	100	22,486	11,291	12° 53' 00,9652"	315+13,882	----	----	316+16,368	N	9.243.836,73	9.243.738,07	----	9.243.736,23	----	9.243.736,91
									E	352.776,94	352.760,59	----	352.771,73	----	352.783,00
45	300	86,234	43,417	16° 28' 10,3563"	320+19,399	----	----	325+05,634	N	9.244.041,39	9.243.741,94	----	9.243.744,56	----	9.243.759,37
									E	352.847,72	352.865,87	----	352.909,21	----	352.950,02
46	100	60,569	31,246	34° 42' 12,2192"	327+16,420	----	----	330+16,989	N	9.243.870,70	9.243.776,69	----	9.243.787,35	----	9.243.812,83
									E	352.963,66	352.997,77	----	353.027,14	----	353.045,22

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**COORDENADAS CURVAS HORIZONTAIS**

47	200	40,004	20,069	11° 27' 36,8919"	334+15,536	----	----	336+15,540	N	9.243.761,16	9.243.876,89	----	9.243.893,26	----	9.243.906,99
									E	353.253,79	353.090,67	----	353.102,29	----	353.116,92
48	100	11,009	5,51	06° 18' 27,9713"	341+13,965	----	----	342+04,974	N	9.244.047,26	9.243.974,35	----	9.243.978,12	----	9.243.982,31
									E	353.120,26	353.188,69	----	353.192,71	----	353.196,29
49	60	29,84	15,235	28° 29' 41,7561"	344+13,423	----	----	346+03,263	N	9.243.980,17	9.244.019,14	----	9.244.030,72	----	9.244.036,18
									E	353.273,37	353.227,76	----	353.237,65	----	353.251,88
50	100	61,283	31,638	35° 06' 44,3511"	351+04,753	----	----	354+06,035	N	9.243.979,19	9.244.072,55	----	9.244.083,88	----	9.244.076,17
									E	353.382,46	353.346,63	----	353.376,17	----	353.406,85
51	100	37,591	19,02	21° 32' 16,9050"	357+01,083	----	----	358+18,674	N	9.244.159,72	9.244.062,74	----	9.244.058,10	----	9.244.060,56
									E	353.484,62	353.460,23	----	353.478,68	----	353.497,54
52	200	6,453	3,227	01° 50' 54,8356"	369+00,894	----	----	369+07,346	N	9.243.888,35	9.244.086,68	----	9.244.087,10	----	9.244.087,41
									E	353.723,90	353.698,06	----	353.701,26	----	353.704,48
53	200	19,595	9,805	05° 36' 48,8287"	380+12,960	----	----	381+12,555	N	9.244.308,37	9.244.109,32	----	9.244.110,27	----	9.244.112,17
									E	353.909,60	353.929,02	----	353.938,78	----	353.948,40
54	200	51,644	25,966	14° 47' 41,3436"	385+09,782	----	----	388+01,426	N	9.243.930,95	9.244.127,15	----	9.244.132,19	----	9.244.130,56
									E	354.062,96	354.024,16	----	354.049,63	----	354.075,55
55	300	42,125	21,097	08° 02' 43,1593"	393+13,535	----	----	395+15,661	N	9.244.422,91	9.244.123,50	----	9.244.122,17	----	9.244.123,81
									E	354.206,32	354.187,44	----	354.208,49	----	354.229,53
56	300	44,613	22,348	08° 31' 13,6341"	402+07,683	----	----	404+12,296	N	9.244.433,12	9.244.134,02	----	9.244.135,75	----	9.244.140,76
									E	354.337,94	354.361,15	----	354.383,43	----	354.405,21
57	60	39,877	20,707	38° 04' 48,1986"	407+12,924	----	----	409+12,802	N	9.244.212,83	9.244.154,35	----	9.244.159,00	----	9.244.175,10
									E	354.450,84	354.464,30	----	354.484,48	----	354.497,50
58	55	55,694	30,498	58° 01' 05,7093"	416+16,926	----	----	419+12,620	N	9.244.252,58	9.244.287,16	----	9.244.310,88	----	9.244.307,17
									E	354.630,89	354.588,12	----	354.607,30	----	354.637,57
59	300	46,985	23,541	08° 58' 24,7522"	425+13,413	----	----	428+00,399	N	9.243.994,71	9.244.292,49	----	9.244.289,63	----	9.244.283,16
									E	354.721,01	354.757,47	----	354.780,84	----	354.803,47
60	300	42,19	21,13	08° 03' 27,5272"	432+04,877	----	----	434+07,067	N	9.244.548,38	9.244.259,94	----	9.244.254,13	----	9.244.251,23
									E	354.967,16	354.884,70	----	354.905,01	----	354.925,94
61	300	13,414	6,708	02° 33' 43,0249"	438+19,998	----	----	439+13,412	N	9.243.941,30	9.244.238,46	----	9.244.237,54	----	9.244.236,32
									E	354.976,78	355.017,99	----	355.024,64	----	355.031,23
62	140	67,888	34,625	27° 47' 00,1250"	447+11,200	----	----	450+19,088	N	9.244.345,35	9.244.207,68	----	9.244.201,39	----	9.244.211,70
									E	355.211,81	355.186,40	----	355.220,45	----	355.253,50

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63	220	120,568	61,839	31° 24' 00,4494"	453+14,168	----	----	459+14,736	N	9.244.438,12	9.244.228,10	----	9.244.246,52	----	9.244.292,99
									E	355.240,57	355.306,08	----	355.365,12	----	355.405,91
64	220	137,918	71,31	35° 55' 07,5067"	464+02,772	----	----	471+00,690	N	9.244.504,29	9.244.359,16	----	9.244.412,75	----	9.244.483,75
									E	355.298,65	355.463,99	----	355.511,03	----	355.517,69
65	220	111,488	56,968	29° 02' 07,1636"	477+03,900	----	----	482+15,387	N	9.244.585,88	9.244.606,42	----	9.244.663,14	----	9.244.710,15
									E	355.748,23	355.529,19	----	355.534,51	----	355.566,68
66	220	8,502	4,252	02° 12' 51,3311"	491+07,436	----	----	491+15,938	N	9.244.727,86	9.244.852,12	----	9.244.855,63	----	9.244.859,05
									E	355.845,41	355.663,87	----	355.666,27	----	355.668,80
67	180	89,847	45,88	28° 35' 56,8796"	494+03,414	----	----	498+13,261	N	9.244.789,82	9.244.897,16	----	9.244.933,99	----	9.244.953,23
									E	355.841,61	355.697,11	----	355.724,47	----	355.766,12
68	180	37,17	18,651	11° 49' 53,2475"	500+05,774	----	----	502+02,944	N	9.244.803,46	9.244.966,86	----	9.244.974,69	----	9.244.978,87
									E	355.871,12	355.795,64	----	355.812,57	----	355.830,75
69	45	51,462	28,958	65° 31' 24,9631"	503+12,020	----	----	506+03,482	N	9.245.029,24	9.244.985,39	----	9.244.991,89	----	9.245.020,26
									E	355.848,99	355.859,08	----	355.887,30	----	355.893,08
70	80	83,61	46,077	59° 52' 51,8857"	508+00,008	----	----	512+03,618	N	9.245.040,09	9.245.056,05	----	9.245.101,20	----	9.245.115,91
									E	355.978,76	355.900,37	----	355.909,57	----	355.953,24
71	200	29,644	14,849	08° 29' 32,6205"	517+13,056	----	----	519+02,700	N	9.244.961,28	9.245.150,82	----	9.245.155,56	----	9.245.158,17
									E	356.120,77	356.056,95	----	356.071,03	----	356.085,65
72	200	32,952	16,513	09° 26' 24,0112"	522+11,403	----	----	524+04,355	N	9.244.973,34	9.245.170,23	----	9.245.173,13	----	9.245.173,33
									E	356.188,40	356.153,28	----	356.169,54	----	356.186,05
73	150	39,986	20,112	15° 16' 24,9549"	528+08,728	----	----	530+08,714	N	9.245.024,33	9.245.174,32	----	9.245.174,55	----	9.245.169,49
									E	356.272,18	356.270,42	----	356.290,53	----	356.309,99
74	250	96,556	48,887	22° 07' 44,4531"	543+05,270	----	----	548+01,826	N	9.245.346,74	9.245.104,82	----	9.245.092,49	----	9.245.098,90
									E	356.621,28	356.558,26	----	356.605,57	----	356.654,04
FIM	---	---	---	---	585+18,000	---	---	---	N	---	---	----	9.245.197,98	----	---
									E	---	---	----	357.403,69	----	---

ESTRADA QUE LIGA O DISTRITO DE BARÃO DE AQUIRAZ A QUIXARIÚ - ESTACA 0 A 585+18.00

NOTA DE SERVIÇO DE TERRAPLENAGEM

EIXO ESTRADA

LADO ESQUERDO						EIXO/LINHA BASE						LADO DIREITO					
OFFSET_CORTE-ESQ-01			BORDO_PISTA-ESQ-01			ESTACA	PONTOS NOTÁVEIS		COTA PROJETO	COTA TERRENO	COTA VERMELH A	JUNTA_ATERRO-DIR-01			OFFSET_ATERRO-DIR-01		
AFAST. (m)	COTA (m)	DECL. (%)	AFAST. (m)	COTA (m)	DECL. (%)	(m)	HOR	VER	(m)	(m)	(m)	AFAST. (m)	COTA (m)	DECL. (%)	AFAST. (m)	COTA (m)	DECL. (%)
-4,189	560,68	66,67	-3,5	560,221	-3	0+0,000			560,326	560,326	0	3,5	560,221	-3	3,796	560,024	-66,67
-4,021	560,427	66,67	-3,5	560,08	-3	0+10,000			560,185	560,156	0,028	3,5	560,08	-3	3,548	560,048	-66,67
-3,939	560,2	66,67	-3,5	559,908	-3	1+0,000			560,013	560,012	0						
-3,796	559,684	66,67	-3,5	559,487	-3	1+10,000			559,592	559,439	0,153	3,5	559,487	-3	3,757	559,315	-66,67
-3,867	559,048	66,67	-3,5	558,803	-3	2+0,000			558,908	558,578	0,33	3,5	558,803	-3	3,711	558,662	-66,67
-3,666	558,186	66,67	-3,5	558,076	-3	2+10,000			558,181	557,769	0,412	3,5	558,076	-3	3,951	557,775	-66,67
						3+0,000		VTC	557,454	557,248	0,206	3,5	557,349	-3	3,782	557,161	-66,67
-3,718	556,884	66,67	-3,5	556,739	-3	3+10,000			556,844	556,804	0,039	3,5	556,739	-3	3,508	556,733	-66,67
-3,733	556,517	66,67	-3,5	556,361	-3	4+0,000			556,466	556,441	0,025	3,5	556,361	-3	3,575	556,311	-66,67
-3,828	556,436	66,67	-3,5	556,217	-3	4+10,000			556,322	556,273	0,049	3,5	556,217	-3	3,538	556,192	-66,67
						5+0,000		VCT	556,412	556,27	0,142	3,5	556,307	-3	3,555	556,27	-66,67
						5+10,000			556,617	556,397	0,221	3,5	556,512	-3	4,353	555,944	-66,67
						6+0,000			556,823	556,57	0,253	3,5	556,718	-3	5,356	555,48	-66,67
						6+10,000			557,029	556,795	0,234	3,5	556,924	-3	4,275	556,407	-66,67
						7+0,000			557,235	557,009	0,225	3,5	557,13	-3	4,04	556,77	-66,67
						7+10,000			557,44	557,244	0,196	3,5	557,335	-3	4,2	556,869	-66,67
-3,589	557,592	66,67	-3,5	557,533	-3	8+0,000			557,638	557,485	0,153	3,5	557,533	-3	4,216	557,056	-66,67
-3,905	557,98	66,67	-3,5	557,71	-3	8+10,000			557,815	557,784	0,031	3,5	557,71	-3	3,794	557,514	-66,67
						9+0,000			557,971	557,818	0,152	3,5	557,866	-3	3,962	557,558	-66,67
						9+10,000			558,105	557,733	0,373	3,5	558	-3	4,188	557,541	-66,67
						10+0,000			558,227	557,76	0,467	3,5	558,122	-3	5,862	556,547	-66,67
						10+10,000			558,348	557,834	0,514	3,5	558,243	-3	7,231	555,756	-66,67
						11+0,000		VTC	558,469	557,891	0,579	3,5	558,364	-3	5,202	557,23	-66,67

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NOTA DE SERVIÇO DE TERRAPLENAGEM

EIXO ESTRADA

LADO ESQUERDO						EIXO/LINHA BASE						LADO DIREITO					
OFFSET_CORTE-ESQ-01			BORDO_PISTA-ESQ-01			ESTACA	PONTOS NOTÁVEIS		COTA PROJETO	COTA TERRENO	COTA VERMELH A	JUNTA_ATERRO-DIR-01			OFFSET_ATERRO-DIR-01		
AFAST. (m)	COTA (m)	DECL. (%)	AFAST. (m)	COTA (m)	DECL. (%)	(m)	HOR	VER	(m)	(m)	(m)	AFAST. (m)	COTA (m)	DECL. (%)	AFAST. (m)	COTA (m)	DECL. (%)
						11+10,000			558,672	558,123	0,549	3,5	558,567	-3	4,844	557,671	-66,67
						12+0,000			559,037	558,334	0,703	3,5	558,932	-3	3,965	558,623	-66,67
						12+10,000			559,566	559,276	0,29	3,5	559,461	-3	3,793	559,265	-66,67
-3,565	560,195	66,67	-3,5	560,152	-3	13+0,000		VCT	560,257	560,238	0,019						
-3,951	561,225	66,67	-3,5	560,924	-3	13+10,000			561,029	561,148	-0,119						
-3,935	561,979	66,67	-3,5	561,689	-3	14+0,000			561,794	562,041	-0,248						
-3,807	562,567	66,67	-3,5	562,363	-3	14+10,000			562,468	562,484	-0,016						
-3,615	563	66,67	-3,5	562,923	-3	15+0,000			563,028	562,972	0,056	3,5	562,923	-3	3,521	562,909	-66,67
-3,657	563,475	66,67	-3,5	563,37	-3	15+10,000			563,475	563,329	0,146						
-3,742	563,872	66,67	-3,5	563,711	-3	16+0,000			563,816	563,702	0,114						
-3,837	564,254	66,67	-3,5	564,029	-3	16+10,000			564,134	564,115	0,019						
-4,483	565,003	66,67	-3,5	564,347	-3	17+0,000			564,452	564,478	-0,026						
-4,09	565,059	66,67	-3,5	564,665	-3	17+10,000			564,77	564,794	-0,024						
-3,775	565,144	66,67	-3,5	564,961	-3	18+0,000			565,066	565,04	0,026						
						18+10,000			565,194	565,009	0,185	3,5	565,089	-3	3,576	565,038	-66,67
						19+0,000			565,127	564,95	0,177						

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NOTA DE SERVIÇO DE TERRAPLENAGEM

EIXO ESTRADA

LADO ESQUERDO						EIXO/LINHA BASE						LADO DIREITO					
OFFSET_CORTE-ESQ-01			BORDO_PISTA-ESQ-01			ESTACA	PONTOS NOTÁVEIS		COTA PROJETO	COTA TERRENO	COTA VERMELH A	JUNTA_ATERRO-DIR-01			OFFSET_ATERRO-DIR-01		
AFAST. (m)	COTA (m)	DECL. (%)	AFAST. (m)	COTA (m)	DECL. (%)	(m)	HOR	VER	(m)	(m)	(m)	AFAST. (m)	COTA (m)	DECL. (%)	AFAST. (m)	COTA (m)	DECL. (%)
-3,501	564,761	66,67	-3,5	564,76	-3	19+10,000			564,865	564,583	0,282	3,5	564,76	-3	3,607	564,689	-66,67
-3,626	564,41	66,67	-3,5	564,326	-3	20+0,000			564,431	564,214	0,217						
						20+10,000			563,97	563,775	0,196						
-3,666	563,516	66,67	-3,5	563,405	-3	21+0,000			563,51	563,296	0,214	3,5	563,405	-3	3,604	563,335	-66,67
						21+10,000			563,049	562,824	0,225	3,5	562,944	-3	3,529	562,925	-66,67
						22+0,000			562,589	562,444	0,144	3,5	562,484	-3	3,843	562,255	-66,67
-3,516	562,034	66,67	-3,5	562,023	-3	22+10,000			562,128	561,872	0,256	3,5	562,023	-3	3,999	561,69	-66,67
-3,823	561,778	66,67	-3,5	561,563	-3	23+0,000			561,668	561,055	0,613	3,5	561,563	-3	4,223	561,081	-66,67
						23+10,000			561,207	560,496	0,711	3,5	561,102	-3	4,475	560,452	-66,67
						24+0,000			560,747	559,911	0,836	3,5	560,642	-3	4,666	559,865	-66,67
						24+10,000			560,366	559,542	0,825	3,5	560,261	-3	4,631	559,507	-66,67
						25+0,000			560,117	559,224	0,893	3,5	560,012	-3	4,751	559,178	-66,67
						25+10,000			560	558,659	1,342	3,5	559,895	-3	4,647	559,13	-66,67
						26+0,000			560,015	558,614	1,401	3,5	559,91	-3	4,518	559,232	-66,67
						26+10,000			560,162	559,064	1,098	3,5	560,057	-3	4,588	559,332	-66,67
						27+0,000			560,441	559,78	0,66	3,5	560,336	-3	4,374	559,753	-66,67

ESTRADA QUE LIGA O DISTRITO DE BARÃO DE AQUIRAZ A QUIXARIÚ - ESTACA 0 A 585+18.00

NOTA DE SERVIÇO DE TERRAPLENAGEM

EIXO ESTRADA

LADO ESQUERDO						EIXO/LINHA BASE						LADO DIREITO					
OFFSET_CORTE-ESQ-01			BORDO_PISTA-ESQ-01			ESTACA	PONTOS NOTÁVEIS		COTA PROJETO	COTA TERRENO	COTA VERMELH A	JUNTA_ATERRO-DIR-01			OFFSET_ATERRO-DIR-01		
AFAST. (m)	COTA (m)	DECL. (%)	AFAST. (m)	COTA (m)	DECL. (%)	(m)	HOR	VER	(m)	(m)	(m)	AFAST. (m)	COTA (m)	DECL. (%)	AFAST. (m)	COTA (m)	DECL. (%)
-3,595	560,73	66,67	-3,5	560,667	-3	27+10,000			560,772	560,497	0,275	3,5	560,667	-3	4,293	560,138	-66,67
-4,503	561,667	66,67	-3,5	560,998	-3	28+0,000			561,103	561,118	-0,014	3,5	560,998	-3	4,213	560,523	-66,67
-5,222	562,477	66,67	-3,5	561,329	-3	28+10,000			561,434	561,783	-0,348	3,5	561,329	-3	4,081	560,942	-66,67
-5,637	563,085	66,67	-3,5	561,661	-3	29+0,000			561,766	561,954	-0,188	3,5	561,661	-3	4,612	560,92	-66,67
-4,967	562,97	66,67	-3,5	561,992	-3	29+10,000			562,097	562,071	0,026	3,5	561,992	-3	4,482	561,337	-66,67
-4,572	563,038	66,67	-3,5	562,323	-3	30+0,000			562,428	562,231	0,197	3,5	562,323	-3	4,354	561,754	-66,67
-4,231	563,142	66,67	-3,5	562,655	-3	30+10,000			562,76	562,535	0,224	3,5	562,655	-3	4,088	562,263	-66,67
-3,75	563,153	66,67	-3,5	562,986	-3	31+0,000			563,091	562,713	0,378	3,5	562,986	-3	3,858	562,747	-66,67
-3,82	563,5	66,67	-3,5	563,287	-3	31+10,000			563,392	563,198	0,194	3,5	563,287	-3	3,759	563,114	-66,67
-4,207	563,961	66,67	-3,5	563,49	-3	32+0,000			563,595	563,665	-0,07						
-5,28	564,778	66,67	-3,5	563,592	-3	32+10,000			563,697	564,109	-0,413						
-4,789	564,452	66,67	-3,5	563,593	-3	33+0,000			563,698	563,967	-0,269						
-4,322	564,042	66,67	-3,5	563,494	-3	33+10,000			563,599	563,597	0,002	3,5	563,494	-3	3,568	563,449	-66,67
						34+0,000			563,399	563,158	0,241	3,5	563,294	-3	4,322	562,746	-66,67
						34+10,000			563,129	562,702	0,427	3,5	563,024	-3	4,511	562,349	-66,67
						35+0,000			562,856	562,397	0,459	3,5	562,751	-3	4,928	561,799	-66,67

ESTRADA QUE LIGA O DISTRITO DE BARÃO DE AQUIRAZ A QUIXARIÚ - ESTACA 0 A 585+18.00

NOTA DE SERVIÇO DE TERRAPLENAGEM

EIXO ESTRADA

LADO ESQUERDO						EIXO/LINHA BASE						LADO DIREITO					
OFFSET_CORTE-ESQ-01			BORDO_PISTA-ESQ-01			ESTACA	PONTOS NOTÁVEIS		COTA PROJETO	COTA TERRENO	COTA VERMELH A	JUNTA_ATERRO-DIR-01			OFFSET_ATERRO-DIR-01		
AFAST. (m)	COTA (m)	DECL. (%)	AFAST. (m)	COTA (m)	DECL. (%)	(m)	HOR	VER	(m)	(m)	(m)	AFAST. (m)	COTA (m)	DECL. (%)	AFAST. (m)	COTA (m)	DECL. (%)
						35+10,000			562,583	562,172	0,411	3,5	562,478	-3	5,027	561,46	-66,67
						36+0,000			562,318	562,104	0,214	3,5	562,213	-3	5,007	561,208	-66,67
						36+10,000			562,175	562,007	0,167	3,5	562,07	-3	4,344	561,507	-66,67
						37+0,000			562,191	562,064	0,127	3,5	562,086	-3	4,367	561,508	-66,67
						37+10,000			562,367	562,214	0,153	3,5	562,262	-3	4,176	561,812	-66,67
						38+0,000			562,695	562,504	0,191	3,5	562,59	-3	3,884	562,334	-66,67
-3,52	562,969	66,67	-3,5	562,956	-3	38+10,000			563,061	562,813	0,248	3,5	562,956	-3	3,899	562,69	-66,67
-3,747	563,487	66,67	-3,5	563,322	-3	39+0,000			563,427	563,321	0,107	3,5	563,322	-3	3,792	563,128	-66,67
-4,074	564,071	66,67	-3,5	563,688	-3	39+10,000			563,793	563,749	0,044	3,5	563,688	-3	3,716	563,544	-66,67
						40+0,000			564,159	563,934	0,225	3,5	564,054	-3	3,915	563,777	-66,67
						40+10,000			564,525	564,092	0,433	3,5	564,42	-3	4,186	563,963	-66,67
						41+0,000			564,891	564,297	0,594	3,5	564,786	-3	4,323	564,237	-66,67
						41+10,000			565,257	564,522	0,736	3,5	565,152	-3	4,124	564,736	-66,67
						42+0,000			565,623	564,927	0,697	3,5	565,518	-3	3,985	565,195	-66,67
						42+10,000			565,99	565,502	0,488	3,5	565,885	-3	3,881	565,631	-66,67
-3,627	566,336	66,67	-3,5	566,251	-3	43+0,000		VTC	566,356	566,245	0,111	3,5	566,251	-3	3,718	566,105	-66,67

**ESTRADA QUE LIGA O DISTRITO DE BARÃO DE AQUIRAZ A QUIXARIÚ - ESTACA 0 A 585+18.00**

**NOTA DE SERVIÇO DE TERRAPLENAGEM**

**EIXO ESTRADA**

LADO ESQUERDO						EIXO/LINHA BASE						LADO DIREITO					
OFFSET_CORTE-ESQ-01			BORDO_PISTA-ESQ-01			ESTACA	PONTOS NOTÁVEIS		COTA PROJETO	COTA TERRENO	COTA VERMELH A	JUNTA_ATERRO-DIR-01			OFFSET_ATERRO-DIR-01		
AFAST. (m)	COTA (m)	DECL. (%)	AFAST. (m)	COTA (m)	DECL. (%)	(m)	HOR	VER	(m)	(m)	(m)	AFAST. (m)	COTA (m)	DECL. (%)	AFAST. (m)	COTA (m)	DECL. (%)
-4,175	567,056	66,67	-3,5	566,606	-3	43+10,000			566,711	566,661	0,051	3,5	566,606	-3	3,522	566,592	-66,67
-3,916	567,218	66,67	-3,5	566,941	-3	44+0,000			567,046	567,088	-0,042	3,5	566,941	-3	3,62	566,861	-66,67
-3,759	567,428	66,67	-3,5	567,255	-3	44+10,000			567,36	567,217	0,143	3,5	567,255	-3	3,646	567,158	-66,67
-3,623	567,631	66,67	-3,5	567,549	-3	45+0,000		VCT	567,654	567,505	0,149						
						45+10,000			567,937	567,841	0,096						
-3,975	568,431	66,67	-3,5	568,115	-3	46+0,000			568,22	568,129	0,091						
-3,808	568,603	66,67	-3,5	568,398	-3	46+10,000			568,503	568,397	0,106						
-3,531	568,701	66,67	-3,5	568,681	-3	47+0,000			568,786	568,695	0,091						
-3,568	569,009	66,67	-3,5	568,964	-3	47+10,000			569,069	569,004	0,065						
-3,747	569,411	66,67	-3,5	569,247	-3	48+0,000			569,352	569,36	-0,009						
-3,841	569,757	66,67	-3,5	569,53	-3	48+10,000			569,635	569,673	-0,038						
-3,515	569,823	66,67	-3,5	569,812	-3	49+0,000			569,917	569,883	0,035						
-3,574	570,113	66,67	-3,5	570,063	-3	49+10,000			570,168	570,082	0,087						
-3,775	570,432	66,67	-3,5	570,248	-3	50+0,000			570,353	570,268	0,086	3,5	570,248	-3	3,589	570,189	-66,67
-3,612	570,442	66,67	-3,5	570,367	-3	50+10,000			570,472	570,34	0,132	3,5	570,367	-3	3,527	570,349	-66,67
						51+0,000			570,525	570,375	0,15	3,5	570,42	-3	3,631	570,333	-66,67

**ESTRADA QUE LIGA O DISTRITO DE BARÃO DE AQUIRAZ A QUIXARIÚ - ESTACA 0 A 585+18.00**

**NOTA DE SERVIÇO DE TERRAPLENAGEM**

**EIXO ESTRADA**

LADO ESQUERDO						EIXO/LINHA BASE						LADO DIREITO					
OFFSET_CORTE-ESQ-01			BORDO_PISTA-ESQ-01			ESTACA	PONTOS NOTÁVEIS		COTA PROJETO	COTA TERRENO	COTA VERMELH A	JUNTA_ATERRO-DIR-01			OFFSET_ATERRO-DIR-01		
AFAST. (m)	COTA (m)	DECL. (%)	AFAST. (m)	COTA (m)	DECL. (%)	(m)	HOR	VER	(m)	(m)	(m)	AFAST. (m)	COTA (m)	DECL. (%)	AFAST. (m)	COTA (m)	DECL. (%)
-3,677	570,557	66,67	-3,5	570,439	-3	51+10,000			570,544	570,432	0,112	3,5	570,439	-3	3,856	570,201	-66,67
-3,657	570,562	66,67	-3,5	570,457	-3	52+0,000			570,562	570,45	0,112	3,5	570,457	-3	3,899	570,191	-66,67
						52+10,000			570,581	570,501	0,08	3,5	570,476	-3	4,005	570,14	-66,67
-3,63	570,582	66,67	-3,5	570,495	-3	53+0,000			570,6	570,513	0,087	3,5	570,495	-3	3,95	570,195	-66,67
-3,624	570,583	66,67	-3,5	570,5	-3	53+10,000			570,605	570,573	0,032	3,5	570,5	-3	4,095	570,103	-66,67
-3,741	570,639	66,67	-3,5	570,478	-3	54+0,000			570,583	570,583	0,001	3,5	570,478	-3	3,9	570,212	-66,67
-3,772	570,611	66,67	-3,5	570,43	-3	54+10,000			570,535	570,487	0,047	3,5	570,43	-3	4,309	569,89	-66,67
-3,69	570,481	66,67	-3,5	570,354	-3	55+0,000			570,459	570,506	-0,047	3,5	570,354	-3	3,913	570,079	-66,67
						55+10,000			570,37	570,263	0,107	3,5	570,265	-3	4,856	569,361	-66,67
						56+0,000			570,281	570,229	0,052	3,5	570,176	-3	4,673	569,394	-66,67
						56+10,000			570,192	570,093	0,099	3,5	570,087	-3	4,444	569,457	-66,67
-3,567	570,05	66,67	-3,5	570,005	-3	57+0,000			570,11	570,05	0,059	3,5	570,005	-3	3,954	569,702	-66,67
						57+10,000			570,134	570,078	0,056	3,5	570,029	-3	3,518	570,017	-66,67
						58+0,000			570,299	570,223	0,077	3,5	570,194	-3	3,73	570,041	-66,67
						58+10,000			570,605	570,528	0,077						
-3,533	570,961	66,67	-3,5	570,939	-3	59+0,000			571,044	570,995	0,049						

**ESTRADA QUE LIGA O DISTRITO DE BARÃO DE AQUIRAZ A QUIXARIÚ - ESTACA 0 A 585+18.00**

**NOTA DE SERVIÇO DE TERRAPLENAGEM**

**EIXO ESTRADA**

LADO ESQUERDO						EIXO/LINHA BASE						LADO DIREITO					
OFFSET_CORTE-ESQ-01			BORDO_PISTA-ESQ-01			ESTACA	PONTOS NOTÁVEIS		COTA PROJETO	COTA TERRENO	COTA VERMELH A	JUNTA_ATERRO-DIR-01			OFFSET_ATERRO-DIR-01		
AFAST. (m)	COTA (m)	DECL. (%)	AFAST. (m)	COTA (m)	DECL. (%)	(m)	HOR	VER	(m)	(m)	(m)	AFAST. (m)	COTA (m)	DECL. (%)	AFAST. (m)	COTA (m)	DECL. (%)
-3,654	571,514	66,67	-3,5	571,411	-3	59+10,000			571,516	571,442	0,075	3,5	571,411	-3	3,519	571,398	-66,67
-3,696	572,014	66,67	-3,5	571,883	-3	60+0,000			571,988	571,885	0,104						
-3,515	572,362	66,67	-3,5	572,352	-3	60+10,000			572,457	572,425	0,032						
-3,576	572,849	66,67	-3,5	572,798	-3	61+0,000			572,903	572,878	0,025						
-4,02	573,566	66,67	-3,5	573,22	-3	61+10,000			573,325	573,291	0,034						
-4,059	573,988	66,67	-3,5	573,616	-3	62+0,000			573,721	573,727	-0,007						
-4,455	574,627	66,67	-3,5	573,99	-3	62+10,000			574,095	574,12	-0,024						
-4,76	575,202	66,67	-3,5	574,362	-3	63+0,000			574,467	574,462	0,005						
-4,966	575,711	66,67	-3,5	574,734	-3	63+10,000			574,839	574,808	0,031						
-4,588	575,831	66,67	-3,5	575,106	-3	64+0,000			575,211	575,124	0,087	3,5	575,106	-3	3,521	575,092	-66,67
-4,345	576,006	66,67	-3,5	575,442	-3	64+10,000			575,547	575,452	0,095						
-4,151	576,14	66,67	-3,5	575,707	-3	65+0,000			575,812	575,663	0,149						
-4,2	576,366	66,67	-3,5	575,899	-3	65+10,000			576,004	575,866	0,138	3,5	575,899	-3	3,524	575,883	-66,67
-4,399	576,619	66,67	-3,5	576,02	-3	66+0,000			576,125	576,009	0,115						
-4,358	576,676	66,67	-3,5	576,104	-3	66+10,000			576,209	576,168	0,04						
-4,464	576,83	66,67	-3,5	576,188	-3	67+0,000			576,293	576,304	-0,012						

ESTRADA QUE LIGA O DISTRITO DE BARÃO DE AQUIRAZ A QUIXARIÚ - ESTACA 0 A 585+18.00

NOTA DE SERVIÇO DE TERRAPLENAGEM

EIXO ESTRADA

LADO ESQUERDO						EIXO/LINHA BASE						LADO DIREITO					
OFFSET_CORTE-ESQ-01			BORDO_PISTA-ESQ-01			ESTACA	PONTOS NOTÁVEIS		COTA PROJETO	COTA TERRENO	COTA VERMELH A	JUNTA_ATERRO-DIR-01			OFFSET_ATERRO-DIR-01		
AFAST. (m)	COTA (m)	DECL. (%)	AFAST. (m)	COTA (m)	DECL. (%)	(m)	HOR	VER	(m)	(m)	(m)	AFAST. (m)	COTA (m)	DECL. (%)	AFAST. (m)	COTA (m)	DECL. (%)
-4,541	576,965	66,67	-3,5	576,271	-3	67+10,000			576,376	576,414	-0,038						
-4,328	576,907	66,67	-3,5	576,355	-3	68+0,000			576,46	576,46	0						
-3,666	576,55	66,67	-3,5	576,439	-3	68+10,000			576,544	576,551	-0,007						
						69+0,000			576,628	576,588	0,04	3,5	576,523	-3	3,557	576,485	-66,67
						69+10,000			576,712	576,616	0,096	3,5	576,607	-3	3,63	576,521	-66,67
						70+0,000			576,796	576,625	0,171	3,5	576,691	-3	3,733	576,536	-66,67
						70+10,000			576,88	576,638	0,242	3,5	576,775	-3	3,798	576,576	-66,67
						71+0,000			576,964	576,705	0,259	3,5	576,859	-3	3,89	576,599	-66,67
						71+10,000			577,048	576,793	0,254	3,5	576,943	-3	3,638	576,851	-66,67
						72+0,000			577,132	576,987	0,145						
-3,612	577,185	66,67	-3,5	577,111	-3	72+10,000			577,216	577,245	-0,03						
-3,813	577,403	66,67	-3,5	577,195	-3	73+0,000			577,3	577,319	-0,019						
-3,914	577,554	66,67	-3,5	577,278	-3	73+10,000			577,383	577,448	-0,064						
-3,733	577,518	66,67	-3,5	577,362	-3	74+0,000		VTC	577,467	577,414	0,053						
-3,635	577,49	66,67	-3,5	577,4	-3	74+10,000			577,505	577,374	0,131						
-3,669	577,459	66,67	-3,5	577,346	-3	75+0,000			577,451	577,382	0,069						

**ESTRADA QUE LIGA O DISTRITO DE BARÃO DE AQUIRAZ A QUIXARIÚ - ESTACA 0 A 585+18.00**

**NOTA DE SERVIÇO DE TERRAPLENAGEM**

**EIXO ESTRADA**

LADO ESQUERDO						EIXO/LINHA BASE						LADO DIREITO					
OFFSET_CORTE-ESQ-01			BORDO_PISTA-ESQ-01			ESTACA	PONTOS NOTÁVEIS		COTA PROJETO	COTA TERRENO	COTA VERMELH A	JUNTA_ATERRO-DIR-01			OFFSET_ATERRO-DIR-01		
AFAST. (m)	COTA (m)	DECL. (%)	AFAST. (m)	COTA (m)	DECL. (%)	(m)	HOR	VER	(m)	(m)	(m)	AFAST. (m)	COTA (m)	DECL. (%)	AFAST. (m)	COTA (m)	DECL. (%)
-3,617	577,278	66,67	-3,5	577,2	-3	75+10,000			577,305	577,293	0,012						
-3,661	577,069	66,67	-3,5	576,962	-3	76+0,000		VCT	577,067	576,99	0,076						
-3,634	576,767	66,67	-3,5	576,677	-3	76+10,000			576,782	576,666	0,116						
-3,606	576,464	66,67	-3,5	576,393	-3	77+0,000			576,498	576,355	0,143						
-3,587	576,167	66,67	-3,5	576,109	-3	77+10,000			576,214	576,185	0,029						
-3,57	575,872	66,67	-3,5	575,825	-3	78+0,000			575,93	575,909	0,021						
-3,585	575,597	66,67	-3,5	575,54	-3	78+10,000			575,645	575,615	0,031						
-3,606	575,327	66,67	-3,5	575,256	-3	79+0,000			575,361	575,348	0,013						
-3,628	575,057	66,67	-3,5	574,972	-3	79+10,000			575,077	575,045	0,032						
-3,619	574,767	66,67	-3,5	574,688	-3	80+0,000			574,793	574,743	0,05						
-3,725	574,549	66,67	-3,5	574,399	-3	80+10,000			574,504	574,43	0,075						
-3,589	574,128	66,67	-3,5	574,068	-3	81+0,000			574,173	574,056	0,117	3,5	574,068	-3	3,528	574,05	-66,67
						81+10,000			573,791	573,621	0,17						
-3,6	573,318	66,67	-3,5	573,251	-3	82+0,000			573,356	573,25	0,107						
-3,552	572,804	66,67	-3,5	572,77	-3	82+10,000			572,875	572,758	0,116						
						83+0,000			572,384	572,232	0,151						

ESTRADA QUE LIGA O DISTRITO DE BARÃO DE AQUIRAZ A QUIXARIÚ - ESTACA 0 A 585+18.00

NOTA DE SERVIÇO DE TERRAPLENAGEM

EIXO ESTRADA

LADO ESQUERDO						EIXO/LINHA BASE						LADO DIREITO					
OFFSET_CORTE-ESQ-01			BORDO_PISTA-ESQ-01			ESTACA	PONTOS NOTÁVEIS		COTA PROJETO	COTA TERRENO	COTA VERMELH A	JUNTA_ATERRO-DIR-01			OFFSET_ATERRO-DIR-01		
AFAST. (m)	COTA (m)	DECL. (%)	AFAST. (m)	COTA (m)	DECL. (%)	(m)	HOR	VER	(m)	(m)	(m)	AFAST. (m)	COTA (m)	DECL. (%)	AFAST. (m)	COTA (m)	DECL. (%)
						83+10,000			571,892	571,655	0,237						
						84+0,000			571,401	571,097	0,304						
						84+10,000			570,91	570,974	-0,064						
-3,672	570,429	66,67	-3,5	570,314	-3	85+0,000			570,419	570,223	0,197						
						85+10,000			569,928	569,703	0,225	3,5	569,823	-3	3,788	569,631	-66,67
						86+0,000			569,437	568,81	0,627	3,5	569,332	-3	4,096	568,934	-66,67
						86+10,000			568,946	568,28	0,666	3,5	568,841	-3	4,083	568,452	-66,67
						87+0,000			568,455	567,836	0,619	3,5	568,35	-3	3,606	568,279	-66,67
						87+10,000			567,964	567,436	0,528	3,5	567,859	-3	3,625	567,776	-66,67
						88+0,000		VTC	567,473	567,097	0,376	3,5	567,368	-3	3,502	567,366	-66,67
						88+10,000			567,017	566,784	0,233						
-3,507	566,534	66,67	-3,5	566,529	-3	89+0,000			566,634	566,49	0,144						
-3,574	566,267	66,67	-3,5	566,218	-3	89+10,000			566,323	566,241	0,081						
-3,559	566,018	66,67	-3,5	565,978	-3	90+0,000		VCT	566,083	566,017	0,066						
-3,515	565,784	66,67	-3,5	565,774	-3	90+10,000			565,879	565,792	0,087						
						91+0,000			565,676	565,581	0,095						

ESTRADA QUE LIGA O DISTRITO DE BARÃO DE AQUIRAZ A QUIXARIÚ - ESTACA 0 A 585+18.00

NOTA DE SERVIÇO DE TERRAPLENAGEM

EIXO ESTRADA

LADO ESQUERDO						EIXO/LINHA BASE						LADO DIREITO					
OFFSET_CORTE-ESQ-01			BORDO_PISTA-ESQ-01			ESTACA	PONTOS NOTÁVEIS		COTA PROJETO	COTA TERRENO	COTA VERMELH A	JUNTA_ATERRO-DIR-01			OFFSET_ATERRO-DIR-01		
AFAST. (m)	COTA (m)	DECL. (%)	AFAST. (m)	COTA (m)	DECL. (%)	(m)	HOR	VER	(m)	(m)	(m)	AFAST. (m)	COTA (m)	DECL. (%)	AFAST. (m)	COTA (m)	DECL. (%)
-3,513	565,376	66,67	-3,5	565,367	-3	91+10,000			565,472	565,486	-0,014						
-3,537	565,188	66,67	-3,5	565,164	-3	92+0,000			565,269	565,39	-0,122						
-3,555	564,997	66,67	-3,5	564,96	-3	92+10,000			565,065	564,979	0,086						
-3,538	564,782	66,67	-3,5	564,756	-3	93+0,000			564,861	564,763	0,098						
-3,514	564,562	66,67	-3,5	564,553	-3	93+10,000			564,658	564,547	0,111						
						94+0,000			564,454	564,328	0,126						
						94+10,000			564,251	564,087	0,163						
						95+0,000			564,047	563,925	0,122						
						95+10,000			563,843	563,655	0,188						
						96+0,000			563,64	563,519	0,121						
						96+10,000			563,436	563,308	0,128						
-3,51	563,134	66,67	-3,5	563,128	-3	97+0,000		VTC	563,233	563,154	0,078						
-3,538	562,951	66,67	-3,5	562,926	-3	97+10,000			563,031	563,003	0,028						
-3,533	562,75	66,67	-3,5	562,728	-3	98+0,000			562,833	562,817	0,016						
-3,502	562,536	66,67	-3,5	562,534	-3	98+10,000			562,639	562,628	0,011						
-3,515	562,355	66,67	-3,5	562,345	-3	99+0,000		VCT	562,45	562,439	0,01						