



**GOVERNO DO ESTADO DE MATO GROSSO
SECRETARIA DE ESTADO DE INFRAESTRUTURA E LOGÍSTICA
SUPERINTENDÊNCIA DE PROJETOS DE OBRAS RODOVIÁRIAS**

**PROJETO EXECUTIVO DE ENGENHARIA
PARA IMPLANTAÇÃO E PAVIMENTAÇÃO**

Rodovia : MT-247
Trecho : Entr. MT-405 (Fim Pavimentação)(Fim PU Rio Branco) - Vila Roncador
Extensão : 8,76 km
Código S.R.E. : 247EEMT0090
Município : Rio Branco - MT

**VOLUME ANEXO 3C - CÁLCULO DOS VOLUMES E NOTAS DE SERVIÇO
DE TERRAPLENAGEM**

JULHO/2025



HASH: 18048515d5070f58bce8b8de53abef15cde25f1929d991d6110ebcd76d2197. Documento assinado digitalmente, válido em https://aquissicoes.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LGZ9-9GCSJ-F37W. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
- HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, RAFAEL DEL GROSSI SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Emitido em 29/09/2025 10:21:47 por AMANDA ARAUJO.



SINFRACAP202586578A



GOVERNO DO ESTADO DE MATO GROSSO
SECRETARIA DE ESTADO DE INFRAESTRUTURA E LOGÍSTICA
SUPERINTENDÊNCIA DE PROJETOS DE OBRAS RODOVIÁRIAS

PROJETO EXECUTIVO DE ENGENHARIA
PARA IMPLANTAÇÃO E PAVIMENTAÇÃO

Rodovia : MT-247
Trecho : Entr. MT-405 (Fim Pavimentação)(Fim PU Rio Branco) - Vila Roncador
Extensão : 8,76 km
Código S.R.E. : 247EEMT0090
Município : Rio Branco - MT
Contratante : Secretaria de Estado de Infraestrutura e Logística - SINFRA
Supervisão : Superintendência de Projetos de Obras Rodoviárias - SPOR
Coordenação : Coordenadoria de Análise e Aprovação de Projetos - COPR
Direção : Secretaria Adjunta de Obras Rodoviárias - SAOR
Elaboração : **CONSÓRCIO PROJECTA - FCK**
Resp. Técnico : Engº Civil Hélio Marques de Arruda RNP: 1204216495
ART nº : 1220250114772
Resp. Técnico : Engº Civil Devarley João dos Santos Souza RNP: 1217246070
ART nº : 1220250120337
Resp. Técnico : Engº Civil e Ambiental Rafael Del Grossi Soares RNP: 1211589331
ART nº : 1220250120360
Resp. Técnico : Engª Civil Luana dos Santos Viana RNP: 1217260951
ART nº : 1220250120347

VOLUME ANEXO 3C - CÁLCULO DOS VOLUMES E NOTAS DE SERVIÇO
DE TERRAPLENAGEM

Elaboração: **PROJECTA**
FCK

HELIO MARQUES DE
ARRUDA:06479812115

Assinado de forma digital por HELIO
MARQUES DE ARRUDA:06479812115
DN: c=BR, o=ICP-Brasil, ou=AC SOUTI
Múltipla v., ou=0404217000360,
ou=Videoconferencia, ou=Certificado
P/ A, cn=HELIO MARQUES DE
ARRUDA:06479812115
Data: 2025.09.11 15:41:14 -0400



HASH: 18048515d5070f58bce8b8d53abef15cde25f1929d991d610ebcd76d2197. Documento assinado digitalmente, válido em https://aquissioes.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9GCSJ-F37W. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, RAFAEL DEL GROSSI SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA
CRISTINA REZENDE ARAUJO em 29/09/2025. Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.

JULHO/2025



SINFRACAP202586578A



1.0 - SUMÁRIO



HASH: 18048515d5070f58bce8b8de53abef15cde25f1929d991d610ebcd76d2197. Documento assinado digitalmente, valide em <https://aquissicoes.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LGZ9-9CSJ-F37W>. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
· HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOARES em 11/09/2025, RAFAEL DEL GROSSI SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.



SINFRACAP202586578A

SUMÁRIO

1.0 - SUMÁRIO	1
2.0 - APRESENTAÇÃO	3
3.0 - MAPA DE SITUAÇÃO	5
4.0 - CÁLCULO DOS VOLUMES DE TERRAPLENAGEM	7
5.0 - NOTAS DE SERVIÇO DE TERRAPLENAGEM	18
6.0 - NOTAS DE SERVIÇO DE PAVIMENTO ACABADO (PAVIMENTAÇÃO)	35
7.0 - COORDENADAS DO EIXO LOCADO.....	56
8.0 - DECLARAÇÃO DE RESPONSABILIDADE	69
9.0 - TERMO DE ENCERRAMENTO.....	71

HASH: 18048515d5070f58bce8b8de53abef15cde25f1929d991d610ebcd76d2197. Documento assinado digitalmente, válido em https://aquissicoes.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9GCSJ-F37W. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
 . HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, RAFAEL DEL GROSSI SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.



2.0 - APRESENTAÇÃO

HASH: 18048515d5070f58bce8b8de53abef15cde25f1929d991d610ebcd76d2197. Documento assinado digitalmente, valide em <https://aquissicoes.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LGZ9-9CSJ-F37W>. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
· HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOARES em 11/09/2025, RAFAEL DEL GROSSI SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.





2.0 - APRESENTAÇÃO

O **Consórcio PROJECTA-FCK**, apresenta a **Secretaria de Estado de Infraestrutura e Logística - SINFRA**, o **Volume Anexo 3C – Cálculo dos Volumes e Notas de Serviço de Terraplenagem**, referente ao Projeto Executivo de Implantação e Pavimentação da Rodovia MT-247, Trecho: Entr. MT-405 (Fim Pavimentação)(Fim PU Rio Branco) – Vila Roncador e Extensão: 8,76 km.

Este volume contém as notas de serviço de terraplenagem, necessárias e indispensáveis à execução das obras, bem como o cálculo dos volumes de cortes e aterros a executar.

O projeto ao qual pertence este volume é constituído por 8 (oito) volumes descritos a seguir:

- **Volume 1 – Relatório do Projeto e Documentos para Concorrência;**
- **Volume 2 – Projeto de Execução;**
- **Volume 2.1 – Projeto de Execução (Seções Transversais);**
- **Volume 3 – Memória Justificativa;**
- **Volume Anexo 3A – Estudos Geotécnicos;**
- **Volume Anexo 3C – Cálculo dos Volumes e Notas de Serviço de Terraplenagem;**
- **Volume Anexo 3E – Relatório Final de Avaliação Ambiental (RFAA);**
- **Volume 4 – Orçamento das obras.**

HASH: 18048515d5070f58bce8b8de53abef15cde25f1929d991d610ebcd76d2197. Documento assinado digitalmente, válido em <https://aquissioes.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9CSJ-F37W>. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
 . HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, RAFAEL DEL GROSSI SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.



3.0 - MAPA DE SITUAÇÃO

HASH: 18048515d5070f58bce8b8de53abef15cde25f1929d991d610ebcd76d2197. Documento assinado digitalmente, valide em <https://aquissicoes.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LGZ9-9CSJ-F37W>. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
· HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, RAFAEL DEL GROSSI SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.





Coordenadas

Início do Trecho: 15° 14' 56.51" S / 58° 6' 55.86" W
Final do Trecho: 15° 13' 26.73" S / 58° 10' 44.10" W



Rodovia: MT-247	PROJETO EXECUTIVO DE IMPLANTAÇÃO E PAVIMENTAÇÃO DA RODOVIA MT-247
Trecho: Entr. MT-405 (Fim Pavimentação)(Fim PU Rio Branco) - Vila Roncador	MAPA DE SITUAÇÃO
Extensão: 8,76 km	



HASH: 18048515d5070f58bce8b8de53abef15c4e25f1929d991d610ebca76d2197. Documento assinado digitalmente, válido em <https://aquissioes.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9CSJ-F37W>. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, RAFAEL DEL GROSSI SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.



4.0 - CÁLCULO DOS VOLUMES DE TERRAPLENAGEM



HASH: 18048515d5070f58bce8b8de53abef15cde25f1929d991d610ebcd76d2197. Documento assinado digitalmente, valide em <https://aquissicoes.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LGZ9-9CSJ-F37W>. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.



SINFRACAP202586578A

Cálculo de Volume por Comparação de Perfis: Terreno x Projeto

Estaca	Á. Corte (m²)	Á. C. Acum. (m²)	Á. Aterro (m²)	Á. A. Acum. (m²)	Semi-Dist. (m)	Vol. Corte (m³)	Vol. C.Acum. (m³)	Vol. Aterro (m³)	Vol. A.Acum. (m³)	100% PI	100% PN
MT-247											
0+0,000	7,266	7,266									
1+0,000	7,257	14,523			10,000	145,230	145,230				
1+2,755	7,219	21,742			1,378	19,941	165,171				
2+0,000	7,231	28,973			8,623	124,595	289,766				
3+0,000	5,928	34,901			10,000	131,590	421,356				
4+0,000	6,586	41,487			10,000	125,140	546,496				
5+0,000	7,334	48,821			10,000	139,200	685,696				
6+0,000	5,720	54,541			10,000	130,540	816,236				
7+0,000	6,862	61,403			10,000	125,820	942,056				
8+0,000	7,088	68,491			10,000	139,500	1.081,556				
8+2,755	7,244	75,735			1,378	19,742	1.101,298				
8+13,987	7,183	82,918			5,616	81,022	1.182,320				
9+0,000	7,660	90,578			3,007	44,625	1.226,946				
10+0,000	6,881	97,459			10,000	145,410	1.372,356				
10+17,757	9,156	106,615			8,879	142,385	1.514,740				
11+0,000	9,704	116,319			1,122	21,151	1.535,892				
12+0,000	9,943	126,262			10,000	196,470	1.732,362				
13+0,000	6,180	132,442			10,000	161,230	1.893,592				
13+1,527	5,331	137,773			0,764	8,789	1.902,380				
13+19,720	0,880	138,653	0,546	0,546	9,097	56,498	1.958,879	4,967	4,967	4,967	
14+0,000	0,872	139,525	0,584	1,130	0,140	0,245	1.959,124	0,158	5,125	0,158	
15+0,000		139,525	4,672	5,802	10,000	8,720	1.967,844	52,560	57,685	52,560	
16+0,000		139,525	7,293	13,095	10,000		1.967,844	119,650	177,335	119,650	
17+0,000		139,525	9,118	22,213	10,000		1.967,844	164,110	341,445	155,130	8,980
17+19,720		139,525	11,193	33,406	9,860		1.967,844	200,266	541,711	162,098	38,168
18+0,000		139,525	11,204	44,610	0,140		1.967,844	3,136	544,847	2,302	0,834
18+17,503		139,525	13,272	57,882	8,752		1.967,844	214,202	759,049	143,875	70,327
19+0,000		139,525	13,058	70,940	1,249		1.967,844	32,873	791,922	20,525	12,348
19+5,133		139,525	13,268	84,208	2,567		1.967,844	67,566	859,487	42,193	25,373
20+0,000		139,525	14,268	98,476	7,434		1.967,844	204,689	1.064,176	122,207	82,482
21+0,000		139,525	13,929	112,405	10,000		1.967,844	281,970	1.346,146	164,400	117,570
22+0,000		139,525	11,499	123,904	10,000		1.967,844	254,280	1.600,426	164,400	89,880
23+0,000		139,525	10,622	134,526	10,000		1.967,844	221,210	1.821,636	164,400	56,810
24+0,000		139,525	9,301	143,827	10,000		1.967,844	199,230	2.020,866	164,400	34,830
24+17,503		139,525	10,032	153,859	8,752		1.967,844	169,193	2.190,059	143,875	25,318
25+0,000		139,525	10,147	164,006	1,249		1.967,844	25,193	2.215,252	20,525	4,668
26+0,000	0,593	140,118	7,961	171,967	10,000	5,930	1.973,774	181,080	2.396,332	161,810	19,270
27+0,000	1,868	141,986	5,128	177,095	10,000	24,610	1.998,384	130,890	2.527,222	130,890	
28+0,000	3,495	145,481	0,698	177,793	10,000	53,630	2.052,014	58,260	2.585,482	58,260	
29+0,000	7,059	152,540	0,002	177,795	10,000	105,540	2.157,554	7,000	2.592,482	7,000	
30+0,000	13,589	166,129		177,795	10,000	206,480	2.364,034	0,020	2.592,502	0,020	
31+0,000	17,599	183,728		177,795	10,000	311,880	2.675,914		2.592,502		
32+0,000	25,791	209,519		177,795	10,000	433,900	3.109,814		2.592,502		
33+0,000	31,887	241,406		177,795	10,000	576,780	3.686,594		2.592,502		
34+0,000	35,415	276,821		177,795	10,000	673,020	4.359,614		2.592,502		
35+0,000	36,679	313,500		177,795	10,000	720,940	5.080,554		2.592,502		
36+0,000	35,845	349,345		177,795	10,000	725,240	5.805,794		2.592,502		
37+0,000	36,159	385,504		177,795	10,000	720,040	6.525,834		2.592,502		
38+0,000	39,591	425,095		177,795	10,000	757,500	7.283,334		2.592,502		
39+0,000	32,965	458,060		177,795	10,000	725,560	8.008,894		2.592,502		
40+0,000	25,750	483,810		177,795	10,000	587,150	8.596,044		2.592,502		
41+0,000	17,531	501,341		177,795	10,000	432,810	9.028,854		2.592,502		
42+0,000	11,071	512,412		177,795	10,000	286,020	9.314,874		2.592,502		
43+0,000	3,199	515,611		177,795	10,000	142,700	9.457,574		2.592,502		
44+0,000	0,647	516,258	2,685	180,480	10,000	38,460	9.496,034	26,850	2.619,352	26,850	
45+0,000		516,258	10,330	190,810	10,000	6,470	9.502,504	130,150	2.749,502	109,050	21,100
46+0,000		516,258	18,867	209,677	10,000		9.502,504	291,970	3.041,472	164,400	127,570

HASH: 18048515d5070f58bce8b8de53abef15c4e25f1929d991d610ebca76d2197. Documento assinado digitalmente, válido em https://aquisicoes.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9G3J-F37W. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
 HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.



Cálculo de Volume por Comparação de Perfis: Terreno x Projeto

Estaca	Á. Corte (m²)	Á. C. Acum. (m²)	Á. Aterro (m²)	Á. A. Acum. (m²)	Semi-Dist. (m)	Vol. Corte (m³)	Vol. C.Acum. (m³)	Vol. Aterro (m³)	Vol. A.Acum. (m³)	100% PI	100% PN
46+18,645		516,258	26,114	235,791	9,323		9.502,504	419,335	3.460,808	153,262	266,073
47+0,000		516,258	25,345	261,136	0,678		9.502,504	34,863	3.495,671	11,138	23,725
48+0,000		516,258	15,916	277,052	10,000		9.502,504	412,610	3.908,281	164,400	248,210
49+0,000		516,258	17,050	294,102	10,000		9.502,504	329,660	4.237,941	164,400	165,260
50+0,000		516,258	17,155	311,257	10,000		9.502,504	342,050	4.579,991	164,400	177,650
50+5,441		516,258	16,856	328,113	2,721		9.502,504	92,527	4.672,518	44,725	47,802
51+0,000		516,258	16,216	344,329	7,280		9.502,504	240,748	4.913,266	119,675	121,073
52+0,000		516,258	17,504	361,833	10,000		9.502,504	337,200	5.250,466	164,400	172,800
53+0,000		516,258	15,882	377,715	10,000		9.502,504	333,860	5.584,326	164,400	169,460
54+0,000		516,258	11,515	389,230	10,000		9.502,504	273,970	5.858,296	164,400	109,570
54+5,441		516,258	10,914	400,144	2,721		9.502,504	61,018	5.919,314	44,725	16,293
55+0,000		516,258	9,318	409,462	7,280		9.502,504	147,279	6.066,593	119,675	27,604
55+18,645		516,258	6,222	415,684	9,323		9.502,504	144,872	6.211,464	134,636	10,236
56+0,000		516,258	6,076	421,760	0,678		9.502,504	8,332	6.219,796	8,332	
57+0,000	0,019	516,277	3,345	425,105	10,000	0,190	9.502,694	94,210	6.314,006	94,210	
58+0,000	5,355	521,632		425,105	10,000	53,740	9.556,434	33,450	6.347,456	33,450	
59+0,000	12,154	533,786		425,105	10,000	175,090	9.731,524		6.347,456		
60+0,000	16,812	550,598		425,105	10,000	289,660	10.021,184		6.347,456		
60+1,207	17,038	567,636		425,105	0,604	20,428	10.041,612		6.347,456		
61+0,000	19,859	587,495		425,105	9,397	346,703	10.388,315		6.347,456		
62+0,000	25,623	613,118		425,105	10,000	454,820	10.843,135		6.347,456		
63+0,000	25,596	638,714		425,105	10,000	512,190	11.355,325		6.347,456		
64+0,000	26,540	665,254		425,105	10,000	521,360	11.876,685		6.347,456		
65+0,000	25,057	690,311		425,105	10,000	515,970	12.392,655		6.347,456		
65+16,973	21,911	712,222		425,105	8,487	398,594	12.791,249		6.347,456		
66+0,000	21,109	733,331		425,105	1,514	65,111	12.856,360		6.347,456		
67+0,000	19,426	752,757		425,105	10,000	405,350	13.261,710		6.347,456		
68+0,000	20,002	772,759		425,105	10,000	394,280	13.655,990		6.347,456		
69+0,000	17,753	790,512		425,105	10,000	377,550	14.033,540		6.347,456		
69+16,973	13,727	804,239		425,105	8,487	267,155	14.300,695		6.347,456		
70+0,000	12,846	817,085		425,105	1,514	40,218	14.340,913		6.347,456		
71+0,000	6,744	823,829		425,105	10,000	195,900	14.536,813		6.347,456		
72+0,000	2,682	826,511	0,062	425,167	10,000	94,260	14.631,073	0,620	6.348,076	0,620	
73+0,000	0,375	826,886	2,365	427,532	10,000	30,570	14.661,643	24,270	6.372,346	24,270	
74+0,000	0,401	827,287	3,704	431,236	10,000	7,760	14.669,403	60,690	6.433,036	60,690	
75+0,000		827,287	7,164	438,400	10,000	4,010	14.673,413	108,680	6.541,716	108,680	
75+9,931		827,287	7,544	445,944	4,966		14.673,413	73,033	6.614,749	73,033	
76+0,000		827,287	7,216	453,160	5,035		14.673,413	74,309	6.689,058	74,309	
77+0,000	2,092	829,379	6,685	459,845	10,000	20,920	14.694,333	139,010	6.828,068	139,010	
78+0,000	0,005	829,384	7,148	466,993	10,000	20,970	14.715,303	138,330	6.966,398	138,330	
79+0,000		829,384	8,503	475,496	10,000	0,050	14.715,353	156,510	7.122,908	153,680	2,830
80+0,000		829,384	9,498	484,994	10,000		14.715,353	180,010	7.302,918	164,400	15,610
81+0,000		829,384	12,255	497,249	10,000		14.715,353	217,530	7.520,448	164,400	53,130
81+9,931		829,384	14,499	511,748	4,966		14.715,353	132,847	7.653,295	81,633	51,214
82+0,000		829,384	12,294	524,042	5,035		14.715,353	134,889	7.788,184	82,767	52,122
83+0,000		829,384	9,420	533,462	10,000		14.715,353	217,140	8.005,324	164,400	52,740
83+7,773		829,384	9,834	543,296	3,887		14.715,353	74,831	8.080,155	63,894	10,937
84+0,000		829,384	9,681	552,977	6,114		14.715,353	119,305	8.199,460	100,506	18,799
85+0,000		829,384	8,603	561,580	10,000		14.715,353	182,840	8.382,300	164,400	18,440
86+0,000		829,384	6,642	568,222	10,000		14.715,353	152,450	8.534,750	148,620	3,830
87+0,000		829,384	9,225	577,447	10,000		14.715,353	158,670	8.693,420	148,620	10,050
88+0,000		829,384	7,928	585,375	10,000		14.715,353	171,530	8.864,950	161,480	10,050
89+0,000		829,384	9,835	595,210	10,000		14.715,353	177,630	9.042,580	161,480	16,150
89+7,773		829,384	8,178	603,388	3,887		14.715,353	70,008	9.112,588	63,731	6,277
90+0,000		829,384	5,816	609,204	6,114		14.715,353	85,552	9.198,140	85,552	
91+0,000	0,235	829,619	2,193	611,397	10,000	2,350	14.717,703	80,090	9.278,230	80,090	
92+0,000	0,766	830,385	1,024	612,421	10,000	10,010	14.727,713	32,170	9.310,400	32,170	
93+0,000	0,063	830,448	1,439	613,860	10,000	8,290	14.736,003	24,630	9.335,030	24,630	

HASH: 18048515d5070f58bce8b8de53abef15c4e25f1929d991d610ebca76d2197. Documento assinado digitalmente, válido em https://arquivos.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9CSJ-F37W. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
 HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, RAFAEL DEL GROSSI SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Junado em 29/09/2025 10:21:47 por AMANDA ARAUJO.



Cálculo de Volume por Comparação de Perfis: Terreno x Projeto

Estaca	Á. Corte (m²)	Á. C. Acum. (m²)	Á. Aterro (m²)	Á. A. Acum. (m²)	Semi-Dist. (m)	Vol. Corte (m³)	Vol. C.Acum. (m³)	Vol. Aterro (m³)	Vol. A.Acum. (m³)	100% PI	100% PN
94+0,000	0,875	831,323	3,017	616,877	10,000	9,380	14.745,383	44,560	9.379,590	44,560	
95+0,000		831,323	5,160	622,037	10,000	8,750	14.754,133	81,770	9.461,360	81,770	
96+0,000		831,323	5,017	627,054	10,000		14.754,133	101,770	9.563,130	101,770	
97+0,000		831,323	5,626	632,680	10,000		14.754,133	106,430	9.669,560	106,430	
98+0,000		831,323	5,120	637,800	10,000		14.754,133	107,460	9.777,020	107,460	
99+0,000		831,323	6,514	644,314	10,000		14.754,133	116,340	9.893,360	116,340	
100+0,000		831,323	5,707	650,021	10,000		14.754,133	122,210	10.015,570	122,210	
101+0,000		831,323	4,446	654,467	10,000		14.754,133	101,530	10.117,100	101,530	
102+0,000		831,323	5,367	659,834	10,000		14.754,133	98,130	10.215,230	98,130	
103+0,000		831,323	7,579	667,413	10,000		14.754,133	129,460	10.344,690	129,460	
104+0,000		831,323	8,204	675,617	10,000		14.754,133	157,830	10.502,520	157,830	
105+0,000		831,323	9,125	684,742	10,000		14.754,133	173,290	10.675,810	164,240	9,050
106+0,000		831,323	10,834	695,576	10,000		14.754,133	199,590	10.875,400	164,400	35,190
107+0,000		831,323	10,458	706,034	10,000		14.754,133	212,920	11.088,320	164,400	48,520
108+0,000		831,323	7,564	713,598	10,000		14.754,133	180,220	11.268,540	157,840	22,380
108+13,935		831,323	7,620	721,218	6,968		14.754,133	105,795	11.374,334	105,795	
109+0,000		831,323	7,413	728,631	3,033		14.754,133	45,588	11.419,922	45,588	
110+0,000	0,029	831,352	5,114	733,745	10,000	0,290	14.754,423	125,270	11.545,192	125,270	
111+0,000	0,426	831,778	0,574	734,319	10,000	4,550	14.758,973	56,880	11.602,072	56,880	
112+0,000	5,152	836,930		734,319	10,000	55,780	14.814,753	5,740	11.607,812	5,740	
112+16,083	9,347	846,277		734,319	8,042	116,594	14.931,347		11.607,812		
113+0,000	9,784	856,061		734,319	1,959	37,468	14.968,815		11.607,812		
114+0,000	18,317	874,378		734,319	10,000	281,010	15.249,825		11.607,812		
115+0,000	26,466	900,844		734,319	10,000	447,830	15.697,655		11.607,812		
116+0,000	34,016	934,860		734,319	10,000	604,820	16.302,475		11.607,812		
117+0,000	30,841	965,701		734,319	10,000	648,570	16.951,045		11.607,812		
118+0,000	31,370	997,071		734,319	10,000	622,110	17.573,155		11.607,812		
119+0,000	32,013	1.029,084		734,319	10,000	633,830	18.206,985		11.607,812		
120+0,000	29,767	1.058,851		734,319	10,000	617,800	18.824,785		11.607,812		
121+0,000	22,607	1.081,458		734,319	10,000	523,740	19.348,525		11.607,812		
122+0,000	15,464	1.096,922		734,319	10,000	380,710	19.729,235		11.607,812		
123+0,000	11,351	1.108,273		734,319	10,000	268,150	19.997,385		11.607,812		
124+0,000	11,461	1.119,734		734,319	10,000	228,120	20.225,505		11.607,812		
125+0,000	10,929	1.130,663		734,319	10,000	223,900	20.449,405		11.607,812		
126+0,000	13,999	1.144,662		734,319	10,000	249,280	20.698,685		11.607,812		
126+13,935	16,874	1.161,536		734,319	6,968	215,108	20.913,792		11.607,812		
127+0,000	18,963	1.180,499		734,319	3,033	108,676	21.022,468		11.607,812		
128+0,000	28,779	1.209,278		734,319	10,000	477,420	21.499,888		11.607,812		
129+0,000	34,966	1.244,244		734,319	10,000	637,450	22.137,338		11.607,812		
130+0,000	49,995	1.294,239		734,319	10,000	849,610	22.986,948		11.607,812		
131+0,000	54,475	1.348,714		734,319	10,000	1.044,700	24.031,648		11.607,812		
132+0,000	65,216	1.413,930		734,319	10,000	1.196,910	25.228,558		11.607,812		
133+0,000	75,041	1.488,971		734,319	10,000	1.402,570	26.631,128		11.607,812		
133+15,468	81,506	1.570,477		734,319	7,734	1.210,734	27.841,863		11.607,812		
134+0,000	83,300	1.653,777		734,319	2,266	373,450	28.215,313		11.607,812		
135+0,000	90,365	1.744,142		734,319	10,000	1.736,650	29.951,963		11.607,812		
135+19,980	91,352	1.835,494		734,319	9,990	1.815,353	31.767,316		11.607,812		
136+0,000	91,366	1.926,860		734,319	0,010	1,827	31.769,143		11.607,812		
137+0,000	106,733	2.033,593		734,319	10,000	1.980,990	33.750,133		11.607,812		
138+0,000	94,865	2.128,458		734,319	10,000	2.015,980	35.766,113		11.607,812		
138+4,491	88,214	2.216,672		734,319	2,246	411,104	36.177,217		11.607,812		
139+0,000	73,565	2.290,237		734,319	7,755	1.254,515	37.431,732		11.607,812		
140+0,000	54,379	2.344,616		734,319	10,000	1.279,440	38.711,172		11.607,812		
141+0,000	36,494	2.381,110		734,319	10,000	908,730	39.619,902		11.607,812		
142+0,000	19,816	2.400,926		734,319	10,000	563,100	40.183,002		11.607,812		
143+0,000	9,837	2.410,763		734,319	10,000	296,530	40.479,532		11.607,812		
144+0,000	0,035	2.410,798	3,395	737,714	10,000	98,720	40.578,252	33,950	11.641,762	33,950	
145+0,000		2.410,798	16,347	754,061	10,000	0,350	40.578,602	197,420	11.839,182	116,150	81,270

HASH: 18048515d5070f58bce8b8de53abef15cde25f1929d991d610ebca76d2197. Documento assinado digitalmente, valide em <https://aquisscoes.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9CSJ-F37W>. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
 HELIO MARQUES DE ARRUDA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.



Cálculo de Volume por Comparação de Perfis: Terreno x Projeto

Estaca	Á. Corte (m²)	Á. C. Acum. (m²)	Á. Aterro (m²)	Á. A. Acum. (m²)	Semi-Dist. (m)	Vol. Corte (m³)	Vol. C.Acum. (m³)	Vol. Aterro (m³)	Vol. A.Acum. (m³)	100% PI	100% PN
146+0,000		2.410,798	24,751	778,812	10,000		40.578,602	410,980	12.250,162	164,400	246,580
147+0,000		2.410,798	42,499	821,311	10,000		40.578,602	672,500	12.922,662	164,400	508,100
148+0,000		2.410,798	42,347	863,658	10,000		40.578,602	848,460	13.771,122	164,400	684,060
149+0,000		2.410,798	45,405	909,063	10,000		40.578,602	877,520	14.648,642	164,400	713,120
150+0,000		2.410,798	47,003	956,066	10,000		40.578,602	924,080	15.572,722	164,400	759,680
151+0,000		2.410,798	41,192	997,258	10,000		40.578,602	881,950	16.454,672	164,400	717,550
151+16,753		2.410,798	34,054	1.031,312	8,377		40.578,602	630,298	17.084,970	137,710	492,588
152+0,000		2.410,798	35,002	1.066,314	1,624		40.578,602	112,112	17.197,083	26,690	85,422
152+4,628		2.410,798	35,219	1.101,533	2,314		40.578,602	162,491	17.359,574	38,042	124,449
153+0,000		2.410,798	31,325	1.132,858	7,686		40.578,602	511,457	17.871,031	126,358	385,099
154+0,000		2.410,798	27,907	1.160,765	10,000		40.578,602	592,320	18.463,351	164,400	427,920
154+6,753		2.410,798	27,628	1.188,393	3,377		40.578,602	187,514	18.650,865	55,510	132,004
155+0,000		2.410,798	24,861	1.213,254	6,624		40.578,602	347,661	18.998,526	108,890	238,771
156+0,000		2.410,798	17,756	1.231,010	10,000		40.578,602	426,170	19.424,696	164,400	261,770
156+14,866		2.410,798	17,003	1.248,013	7,433		40.578,602	258,364	19.683,060	122,199	136,165
157+0,000		2.410,798	17,546	1.265,559	2,567		40.578,602	88,687	19.771,747	42,201	46,486
158+0,000		2.410,798	19,321	1.284,880	10,000		40.578,602	368,670	20.140,417	164,400	204,270
159+0,000		2.410,798	23,396	1.308,276	10,000		40.578,602	427,170	20.567,587	164,400	262,770
159+2,979		2.410,798	23,840	1.332,116	1,490		40.578,602	70,358	20.637,945	24,487	45,871
160+0,000		2.410,798	28,790	1.360,906	8,511		40.578,602	447,908	21.085,852	139,913	307,995
161+0,000		2.410,798	31,881	1.392,787	10,000		40.578,602	606,710	21.692,562	164,400	442,310
161+7,821		2.410,798	32,402	1.425,189	3,911		40.578,602	251,379	21.943,941	64,289	187,090
161+12,979		2.410,798	34,695	1.459,884	2,579		40.578,602	173,043	22.116,984	42,399	130,644
162+0,000		2.410,798	36,436	1.496,320	3,511		40.578,602	249,705	22.366,690	57,713	191,992
162+4,628		2.410,798	33,171	1.529,491	2,314		40.578,602	161,071	22.527,760	38,042	123,029
163+0,000		2.410,798	37,655	1.567,146	7,686		40.578,602	544,369	23.072,129	126,358	418,011
164+0,000		2.410,798	38,592	1.605,738	10,000		40.578,602	762,470	23.834,599	164,400	598,070
165+0,000		2.410,798	40,649	1.646,387	10,000		40.578,602	792,410	24.627,009	164,400	628,010
166+0,000		2.410,798	39,603	1.685,990	10,000		40.578,602	802,520	25.429,529	164,400	638,120
167+0,000		2.410,798	38,262	1.724,252	10,000		40.578,602	778,650	26.208,179	164,400	614,250
168+0,000		2.410,798	36,767	1.761,019	10,000		40.578,602	750,290	26.958,469	164,400	585,890
169+0,000		2.410,798	34,541	1.795,560	10,000		40.578,602	713,080	27.671,549	164,400	548,680
169+3,712		2.410,798	34,696	1.830,256	1,856		40.578,602	128,504	27.800,053	30,513	97,991
170+0,000		2.410,798	31,127	1.861,383	8,144		40.578,602	536,063	28.336,115	133,887	402,176
171+0,000		2.410,798	30,607	1.891,990	10,000		40.578,602	617,340	28.953,455	164,400	452,940
172+0,000		2.410,798	28,835	1.920,825	10,000		40.578,602	594,420	29.547,875	164,400	430,020
173+0,000		2.410,798	25,652	1.946,477	10,000		40.578,602	544,870	30.092,745	164,400	380,470
173+3,712		2.410,798	25,421	1.971,898	1,856		40.578,602	94,791	30.187,537	30,513	64,278
174+0,000		2.410,798	23,186	1.995,084	8,144		40.578,602	395,855	30.583,392	133,887	261,968
175+0,000		2.410,798	19,006	2.014,090	10,000		40.578,602	421,920	31.005,312	164,400	257,520
176+0,000		2.410,798	16,629	2.030,719	10,000		40.578,602	356,350	31.361,662	164,400	191,950
177+0,000		2.410,798	13,061	2.043,780	10,000		40.578,602	296,900	31.658,562	164,400	132,500
178+0,000		2.410,798	12,207	2.055,987	10,000		40.578,602	252,680	31.911,242	164,400	88,280
179+0,000		2.410,798	11,023	2.067,010	10,000		40.578,602	232,300	32.143,542	164,400	67,900
179+4,902		2.410,798	10,690	2.077,700	2,451		40.578,602	53,219	32.196,761	40,294	12,925
180+0,000		2.410,798	10,847	2.088,547	7,549		40.578,602	162,583	32.359,344	124,106	38,477
181+0,000		2.410,798	13,010	2.101,557	10,000		40.578,602	238,570	32.597,914	164,400	74,170
182+0,000		2.410,798	15,523	2.117,080	10,000		40.578,602	285,330	32.883,244	164,400	120,930
183+0,000		2.410,798	17,455	2.134,535	10,000		40.578,602	329,780	33.213,024	164,400	165,380
184+0,000		2.410,798	20,941	2.155,476	10,000		40.578,602	383,960	33.596,984	164,400	219,560
185+0,000		2.410,798	23,220	2.178,696	10,000		40.578,602	441,610	34.038,594	164,400	277,210
185+6,091		2.410,798	23,885	2.202,581	3,046		40.578,602	143,458	34.182,052	50,068	93,390
186+0,000		2.410,798	23,532	2.226,113	6,955		40.578,602	329,762	34.511,813	114,332	215,430
187+0,000		2.410,798	22,965	2.249,078	10,000		40.578,602	464,970	34.976,783	164,400	300,570
188+0,000		2.410,798	23,269	2.272,347	10,000		40.578,602	462,340	35.439,123	164,400	297,940
189+0,000		2.410,798	24,291	2.296,638	10,000		40.578,602	475,600	35.914,723	164,400	311,200
189+6,091		2.410,798	23,938	2.320,576	3,046		40.578,602	146,881	36.061,605	50,068	96,813
190+0,000		2.410,798	25,953	2.346,529	6,955		40.578,602	346,967	36.408,572	114,332	232,635

HASH: 18048515d5070f58bce8b8d53abef15c4e25f1929d991d610ebca76d2197. Documento assinado digitalmente, válido em https://arquivos.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9CSJ-F37W. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
 HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, RAFAEL DEL GROSSI SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.



Cálculo de Volume por Comparação de Perfis: Terreno x Projeto

Estaca	Á. Corte (m²)	Á. C. Acum. (m²)	Á. Aterro (m²)	Á. A. Acum. (m²)	Semi-Dist. (m)	Vol. Corte (m³)	Vol. C.Acum. (m³)	Vol. Aterro (m³)	Vol. A.Acum. (m³)	100% PI	100% PN
191+0,000		2.410,798	27,420	2.373,949	10,000		40.578,602	533,730	36.942,302	164,400	369,330
192+0,000		2.410,798	27,295	2.401,244	10,000		40.578,602	547,150	37.489,452	164,400	382,750
193+0,000		2.410,798	28,315	2.429,559	10,000		40.578,602	556,100	38.045,552	164,400	391,700
194+0,000		2.410,798	28,156	2.457,715	10,000		40.578,602	564,710	38.610,262	164,400	400,310
195+0,000		2.410,798	29,541	2.487,256	10,000		40.578,602	576,970	39.187,232	164,400	412,570
196+0,000		2.410,798	28,728	2.515,984	10,000		40.578,602	582,690	39.769,922	164,400	418,290
197+0,000		2.410,798	28,326	2.544,310	10,000		40.578,602	570,540	40.340,462	164,400	406,140
198+0,000		2.410,798	26,624	2.570,934	10,000		40.578,602	549,500	40.889,962	164,400	385,100
199+0,000		2.410,798	25,009	2.595,943	10,000		40.578,602	516,330	41.406,292	164,400	351,930
200+0,000		2.410,798	21,765	2.617,708	10,000		40.578,602	467,740	41.874,032	164,400	303,340
201+0,000		2.410,798	21,055	2.638,763	10,000		40.578,602	428,200	42.302,232	164,400	263,800
202+0,000		2.410,798	16,870	2.655,633	10,000		40.578,602	379,250	42.681,482	164,400	214,850
203+0,000		2.410,798	12,646	2.668,279	10,000		40.578,602	295,160	42.976,642	164,400	130,760
203+13,702		2.410,798	10,809	2.679,088	6,851		40.578,602	160,690	43.137,332	112,630	48,060
204+0,000		2.410,798	10,068	2.689,156	3,149		40.578,602	65,742	43.203,074	51,770	13,972
205+0,000		2.410,798	7,766	2.696,922	10,000		40.578,602	178,340	43.381,414	159,860	18,480
206+0,000	0,612	2.411,410	4,696	2.701,618	10,000	6,120	40.584,722	124,620	43.506,034	124,620	
207+0,000	0,003	2.411,413	1,991	2.703,609	10,000	6,150	40.590,872	66,870	43.572,904	66,870	
208+0,000	5,655	2.417,068		2.703,609	10,000	56,580	40.647,452	19,910	43.592,814	19,910	
209+0,000	13,391	2.430,459		2.703,609	10,000	190,460	40.837,912		43.592,814		
210+0,000	19,462	2.449,921		2.703,609	10,000	328,530	41.166,442		43.592,814		
211+0,000	23,287	2.473,208		2.703,609	10,000	427,490	41.593,932		43.592,814		
211+13,702	24,459	2.497,667		2.703,609	6,851	327,108	41.921,040		43.592,814		
212+0,000	25,117	2.522,784		2.703,609	3,149	156,115	42.077,155		43.592,814		
213+0,000	32,389	2.555,173		2.703,609	10,000	575,060	42.652,215		43.592,814		
214+0,000	32,999	2.588,172		2.703,609	10,000	653,880	43.306,095		43.592,814		
215+0,000	27,713	2.615,885		2.703,609	10,000	607,120	43.913,215		43.592,814		
216+0,000	34,875	2.650,760		2.703,609	10,000	625,880	44.539,095		43.592,814		
217+0,000	38,795	2.689,555		2.703,609	10,000	736,700	45.275,795		43.592,814		
218+0,000	43,994	2.733,549		2.703,609	10,000	827,890	46.103,685		43.592,814		
219+0,000	46,057	2.779,606		2.703,609	10,000	900,510	47.004,195		43.592,814		
220+0,000	45,547	2.825,153		2.703,609	10,000	916,040	47.920,235		43.592,814		
221+0,000	45,810	2.870,963		2.703,609	10,000	913,570	48.833,805		43.592,814		
222+0,000	48,985	2.919,948		2.703,609	10,000	947,950	49.781,755		43.592,814		
223+0,000	46,929	2.966,877		2.703,609	10,000	959,140	50.740,895		43.592,814		
224+0,000	45,592	3.012,469		2.703,609	10,000	925,210	51.666,105		43.592,814		
225+0,000	39,799	3.052,268		2.703,609	10,000	853,910	52.520,015		43.592,814		
226+0,000	32,411	3.084,679		2.703,609	10,000	722,100	53.242,115		43.592,814		
227+0,000	23,592	3.108,271		2.703,609	10,000	560,030	53.802,145		43.592,814		
228+0,000	17,079	3.125,350		2.703,609	10,000	406,710	54.208,855		43.592,814		
229+0,000	7,435	3.132,785		2.703,609	10,000	245,140	54.453,995		43.592,814		
230+0,000	0,308	3.133,093	4,497	2.708,106	10,000	77,430	54.531,425	44,970	43.637,784	44,970	
231+0,000		3.133,093	10,327	2.718,433	10,000	3,080	54.534,505	148,240	43.786,024	127,170	21,070
232+0,000		3.133,093	13,851	2.732,284	10,000		54.534,505	241,780	44.027,804	164,400	77,380
233+0,000		3.133,093	19,167	2.751,451	10,000		54.534,505	330,180	44.357,984	164,400	165,780
234+0,000		3.133,093	18,770	2.770,221	10,000		54.534,505	379,370	44.737,354	164,400	214,970
235+0,000		3.133,093	22,351	2.792,572	10,000		54.534,505	411,210	45.148,564	164,400	246,810
236+0,000		3.133,093	22,076	2.814,648	10,000		54.534,505	444,270	45.592,834	164,400	279,870
237+0,000		3.133,093	27,175	2.841,823	10,000		54.534,505	492,510	46.085,344	164,400	328,110
238+0,000		3.133,093	29,493	2.871,316	10,000		54.534,505	566,680	46.652,024	164,400	402,280
239+0,000		3.133,093	29,804	2.901,120	10,000		54.534,505	592,970	47.244,994	164,400	428,570
240+0,000		3.133,093	33,276	2.934,396	10,000		54.534,505	630,800	47.875,794	164,400	466,400
240+12,945		3.133,093	33,950	2.968,346	6,473		54.534,505	435,120	48.310,914	106,408	328,712
241+0,000		3.133,093	35,296	3.003,642	3,528		54.534,505	244,265	48.555,179	57,992	186,273
241+9,066		3.133,093	33,177	3.036,819	4,533		54.534,505	310,388	48.865,567	74,523	235,865
242+0,000		3.133,093	33,006	3.069,825	5,467		54.534,505	361,822	49.227,390	89,877	271,945
242+5,187		3.133,093	32,984	3.102,809	2,594		54.534,505	171,145	49.398,535	42,637	128,508
243+0,000		3.133,093	33,782	3.136,591	7,407		54.534,505	494,502	49.893,037	121,763	372,739

HASH: 18048515d5070f58bce8b8d53abef15c4e25f1929d991d610ebca76d2197. Documento assinado digitalmente, válido em https://arquivos.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9CSJ-F37W. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
 HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, RAFAEL DEL GROSSI SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.



Cálculo de Volume por Comparação de Perfis: Terreno x Projeto

Estaca	Á. Corte (m²)	Á. C. Acum. (m²)	Á. Aterro (m²)	Á. A. Acum. (m²)	Semi-Dist. (m)	Vol. Corte (m³)	Vol. C. Acum. (m³)	Vol. Aterro (m³)	Vol. A. Acum. (m³)	100% PI	100% PN
244+0,000		3.133,093	30,247	3.166,838	10,000		54.534,505	640,290	50.533,327	164,400	475,890
245+0,000		3.133,093	32,005	3.198,843	10,000		54.534,505	622,520	51.155,847	164,400	458,120
246+0,000		3.133,093	30,853	3.229,696	10,000		54.534,505	628,580	51.784,427	164,400	464,180
247+0,000		3.133,093	29,403	3.259,099	10,000		54.534,505	602,560	52.386,987	164,400	438,160
248+0,000		3.133,093	29,210	3.288,309	10,000		54.534,505	586,130	52.973,117	164,400	421,730
249+0,000		3.133,093	28,361	3.316,670	10,000		54.534,505	575,710	53.548,827	164,400	411,310
250+0,000		3.133,093	26,432	3.343,102	10,000		54.534,505	547,930	54.096,757	164,400	383,530
251+0,000		3.133,093	24,561	3.367,663	10,000		54.534,505	509,930	54.606,687	164,400	345,530
252+0,000		3.133,093	22,677	3.390,340	10,000		54.534,505	472,380	55.079,067	164,400	307,980
253+0,000		3.133,093	23,440	3.413,780	10,000		54.534,505	461,170	55.540,237	164,400	296,770
254+0,000		3.133,093	22,141	3.435,921	10,000		54.534,505	455,810	55.996,047	164,400	291,410
255+0,000		3.133,093	21,396	3.457,317	10,000		54.534,505	435,370	56.431,417	164,400	270,970
256+0,000		3.133,093	21,438	3.478,755	10,000		54.534,505	428,340	56.859,757	164,400	263,940
257+0,000		3.133,093	21,968	3.500,723	10,000		54.534,505	434,060	57.293,817	164,400	269,660
258+0,000		3.133,093	22,132	3.522,855	10,000		54.534,505	441,000	57.734,817	164,400	276,600
258+15,274		3.133,093	21,131	3.543,986	7,637		54.534,505	330,400	58.065,217	125,552	204,848
259+0,000		3.133,093	23,757	3.567,743	2,363		54.534,505	106,070	58.171,287	38,848	67,222
260+0,000		3.133,093	22,399	3.590,142	10,000		54.534,505	461,560	58.632,847	164,400	297,160
261+0,000		3.133,093	24,898	3.615,040	10,000		54.534,505	472,970	59.105,817	164,400	308,570
262+0,000		3.133,093	23,129	3.638,169	10,000		54.534,505	480,270	59.586,087	164,400	315,870
263+0,000		3.133,093	22,731	3.660,900	10,000		54.534,505	458,600	60.044,687	164,400	294,200
264+0,000		3.133,093	23,415	3.684,315	10,000		54.534,505	461,460	60.506,147	164,400	297,060
265+0,000		3.133,093	25,244	3.709,559	10,000		54.534,505	486,590	60.992,737	164,400	322,190
266+0,000		3.133,093	25,933	3.735,492	10,000		54.534,505	511,770	61.504,507	164,400	347,370
267+0,000		3.133,093	28,071	3.763,563	10,000		54.534,505	540,040	62.044,547	164,400	375,640
268+0,000		3.133,093	26,281	3.789,844	10,000		54.534,505	543,520	62.588,067	164,400	379,120
268+15,274		3.133,093	27,524	3.817,368	7,637		54.534,505	410,909	62.998,976	125,552	285,357
269+0,000		3.133,093	26,304	3.843,672	2,363		54.534,505	127,196	63.126,171	38,848	88,348
270+0,000		3.133,093	25,843	3.869,515	10,000		54.534,505	521,470	63.647,641	164,400	357,070
271+0,000		3.133,093	23,395	3.892,910	10,000		54.534,505	492,380	64.140,021	164,400	327,980
272+0,000		3.133,093	23,074	3.915,984	10,000		54.534,505	464,690	64.604,711	164,400	300,290
273+0,000		3.133,093	21,877	3.937,861	10,000		54.534,505	449,510	65.054,221	164,400	285,110
274+0,000		3.133,093	23,390	3.961,251	10,000		54.534,505	452,670	65.506,891	164,400	288,270
275+0,000		3.133,093	20,235	3.981,486	10,000		54.534,505	436,250	65.943,141	164,400	271,850
276+0,000		3.133,093	21,071	4.002,557	10,000		54.534,505	413,060	66.356,201	164,400	248,660
277+0,000		3.133,093	15,271	4.017,828	10,000		54.534,505	363,420	66.719,621	164,400	199,020
278+0,000		3.133,093	16,738	4.034,566	10,000		54.534,505	320,090	67.039,711	164,400	155,690
279+0,000		3.133,093	14,370	4.048,936	10,000		54.534,505	311,080	67.350,791	164,400	146,680
280+0,000	0,030	3.133,123	12,508	4.061,444	10,000	0,300	54.534,805	268,780	67.619,571	164,400	104,380
281+0,000	0,051	3.133,174	8,912	4.070,356	10,000	0,810	54.535,615	214,200	67.833,771	164,400	49,800
282+0,000	0,002	3.133,176	10,945	4.081,301	10,000	0,530	54.536,145	198,570	68.032,341	164,400	34,170
283+0,000		3.133,176	11,100	4.092,401	10,000	0,020	54.536,165	220,450	68.252,791	164,400	56,050
284+0,000	0,006	3.133,182	9,008	4.101,409	10,000	0,060	54.536,225	201,080	68.453,871	164,400	36,680
285+0,000	0,249	3.133,431	7,483	4.108,892	10,000	2,550	54.538,775	164,910	68.618,781	157,030	7,880
286+0,000	0,011	3.133,442	8,398	4.117,290	10,000	2,600	54.541,375	158,810	68.777,591	157,030	1,780
287+0,000	0,343	3.133,785	7,739	4.125,029	10,000	3,540	54.544,915	161,370	68.938,961	159,590	1,780
288+0,000	0,060	3.133,845	7,871	4.132,900	10,000	4,030	54.548,945	156,100	69.095,061	156,100	
289+0,000	0,154	3.133,999	5,339	4.138,239	10,000	2,140	54.551,085	132,100	69.227,161	132,100	
290+0,000		3.133,999	7,039	4.145,278	10,000	1,540	54.552,625	123,780	69.350,941	123,780	
291+0,000	0,075	3.134,074	6,228	4.151,506	10,000	0,750	54.553,375	132,670	69.483,611	132,670	
291+9,651	0,378	3.134,452	6,924	4.158,430	4,826	2,186	54.555,561	63,465	69.547,076	63,465	
292+0,000	0,130	3.134,582	7,192	4.165,622	5,175	2,629	54.558,189	73,043	69.620,120	73,043	
293+0,000	0,197	3.134,779	5,862	4.171,484	10,000	3,270	54.561,459	130,540	69.750,660	130,540	
294+0,000		3.134,779	7,733	4.179,217	10,000	1,970	54.563,429	135,950	69.886,610	135,950	
295+0,000		3.134,779	7,058	4.186,275	10,000		54.563,429	147,910	70.034,520	147,910	
295+5,123		3.134,779	7,337	4.193,612	2,562		54.563,429	36,873	70.071,392	36,873	
296+0,000		3.134,779	7,204	4.200,816	7,439		54.563,429	108,163	70.179,556	108,163	
297+0,000		3.134,779	3,963	4.204,779	10,000		54.563,429	111,670	70.291,226	111,670	

HASH: 18048515d5070f58bce8b8de53abef15cde25f1929d991d610ebca76d2197. Documento assinado digitalmente, válido em https://arquivos.sigap.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9CSJ-F37W. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
 HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, RAFAEL DEL GROSSI SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.



Cálculo de Volume por Comparação de Perfis: Terreno x Projeto

Estaca	Á. Corte (m²)	Á. C. Acum. (m²)	Á. Aterro (m²)	Á. A. Acum. (m²)	Semi-Dist. (m)	Vol. Corte (m³)	Vol. C.Acum. (m³)	Vol. Aterro (m³)	Vol. A.Acum. (m³)	100% PI	100% PN
297+10,995		3.134,779	4,962	4.209,741	5,498		54.563,429	49,065	70.340,291	49,065	
298+0,000		3.134,779	6,452	4.216,193	4,503		54.563,429	51,392	70.391,682	51,392	
299+0,000		3.134,779	9,025	4.225,218	10,000		54.563,429	154,770	70.546,452	146,720	8,050
299+10,995	0,009	3.134,788	7,965	4.233,183	5,498	0,049	54.563,479	93,403	70.639,855	88,977	4,426
300+0,000	0,470	3.135,258	8,172	4.241,355	4,503	2,157	54.565,636	72,657	70.712,512	72,657	
301+0,000		3.135,258	10,133	4.251,488	10,000	4,700	54.570,336	183,050	70.895,562	163,920	19,130
301+2,286		3.135,258	10,631	4.262,119	1,143		54.570,336	23,733	70.919,295	18,791	4,942
301+9,651		3.135,258	8,684	4.270,803	3,683		54.570,336	71,127	70.990,423	60,540	10,587
302+0,000	1,256	3.136,514	6,282	4.277,085	5,175	6,499	54.576,835	77,442	71.067,864	75,041	2,401
302+13,577	1,081	3.137,595	6,149	4.283,234	6,789	15,865	54.592,700	84,388	71.152,252	84,388	
303+0,000	0,735	3.138,330	6,403	4.289,637	3,212	5,832	54.598,532	40,311	71.192,563	40,311	
304+0,000	0,240	3.138,570	8,451	4.298,088	10,000	9,750	54.608,282	148,540	71.341,103	146,230	2,310
304+13,577		3.138,570	8,650	4.306,738	6,789	1,629	54.609,911	116,090	71.457,193	111,603	4,487
305+0,000	0,148	3.138,718	8,255	4.314,993	3,212	0,475	54.610,386	54,290	71.511,483	52,797	1,493
305+14,057	0,012	3.138,730	10,097	4.325,090	7,029	1,125	54.611,511	128,987	71.640,470	115,549	13,438
306+0,000	0,023	3.138,753	7,954	4.333,044	2,972	0,104	54.611,615	53,639	71.694,109	48,061	5,578
307+0,000		3.138,753	10,269	4.343,313	10,000	0,230	54.611,845	182,230	71.876,339	161,740	20,490
308+0,000		3.138,753	11,403	4.354,716	10,000		54.611,845	216,720	72.093,059	164,400	52,320
309+0,000		3.138,753	13,287	4.368,003	10,000		54.611,845	246,900	72.339,959	164,400	82,500
310+0,000		3.138,753	19,571	4.387,574	10,000		54.611,845	328,580	72.668,539	164,400	164,180
310+13,724		3.138,753	27,616	4.415,190	6,862		54.611,845	323,797	72.992,336	112,811	210,986
311+0,000		3.138,753	37,658	4.452,848	3,138		54.611,845	204,830	73.197,166	51,589	153,241
312+0,000		3.138,753	24,400	4.477,248	10,000		54.611,845	620,580	73.817,746	164,400	456,180
313+0,000		3.138,753	26,386	4.503,634	10,000		54.611,845	507,860	74.325,606	164,400	343,460
314+0,000		3.138,753	22,733	4.526,367	10,000		54.611,845	491,190	74.816,796	164,400	326,790
314+14,057		3.138,753	12,361	4.538,728	7,029		54.611,845	246,658	75.063,454	115,549	131,109
315+0,000		3.138,753	10,684	4.549,412	2,972		54.611,845	68,478	75.131,932	48,851	19,627
316+0,000		3.138,753	9,398	4.558,810	10,000		54.611,845	200,820	75.332,752	164,400	36,420
317+0,000	1,647	3.140,400	4,514	4.563,324	10,000	16,470	54.628,315	139,120	75.471,872	127,340	11,780
318+0,000	2,777	3.143,177	5,890	4.569,214	10,000	44,240	54.672,555	104,040	75.575,912	104,040	
319+0,000	7,493	3.150,670	2,224	4.571,438	10,000	102,700	54.775,255	81,140	75.657,052	81,140	
319+16,796	3,993	3.154,663	1,647	4.573,085	8,398	96,459	54.871,714	32,509	75.689,561	32,509	
320+0,000	4,142	3.158,805	1,713	4.574,798	1,602	13,032	54.884,746	5,383	75.694,944	5,383	
321+0,000	3,661	3.162,466	3,018	4.577,816	10,000	78,030	54.962,776	47,310	75.742,254	47,310	
322+0,000	0,933	3.163,399	5,396	4.583,212	10,000	45,940	55.008,716	84,140	75.826,394	84,140	
323+0,000	0,634	3.164,033	7,570	4.590,782	10,000	15,670	55.024,386	129,660	75.956,054	129,660	
324+0,000	0,280	3.164,313	7,909	4.598,691	10,000	9,140	55.033,526	154,790	76.110,844	154,790	
325+0,000	0,034	3.164,347	6,697	4.605,388	10,000	3,140	55.036,666	146,060	76.256,904	146,060	
326+0,000	0,338	3.164,685	7,402	4.612,790	10,000	3,720	55.040,386	140,990	76.397,894	140,990	
327+0,000		3.164,685	7,237	4.620,027	10,000	3,380	55.043,766	146,390	76.544,284	146,390	
328+0,000	1,556	3.166,241	4,539	4.624,566	10,000	15,560	55.059,326	117,760	76.662,044	117,760	
329+0,000	0,994	3.167,235	2,766	4.627,332	10,000	25,500	55.084,826	73,050	76.735,094	73,050	
330+0,000	0,134	3.167,369	1,358	4.628,690	10,000	11,280	55.096,106	41,240	76.776,334	41,240	
330+5,535	0,732	3.168,101	0,795	4.629,485	2,768	2,397	55.098,503	5,958	76.782,292	5,958	
331+0,000	0,650	3.168,751	1,649	4.631,134	7,233	9,995	55.108,498	17,676	76.799,968	17,676	
331+17,944		3.168,751	5,086	4.636,220	8,972	5,832	55.114,330	60,426	76.860,395	60,426	
332+0,000		3.168,751	5,489	4.641,709	1,028		55.114,330	10,871	76.871,266	10,871	
332+6,796	0,013	3.168,764	4,277	4.645,986	3,398	0,044	55.114,374	33,185	76.904,451	33,185	
333+0,000	0,054	3.168,818	2,775	4.648,761	6,602	0,442	55.114,817	46,557	76.951,008	46,557	
334+0,000	0,507	3.169,325	0,614	4.649,375	10,000	5,610	55.120,427	33,890	76.984,898	33,890	
334+17,944	3,461	3.172,786	0,043	4.649,418	8,972	35,601	55.156,028	5,895	76.990,793	5,895	
335+0,000	3,705	3.176,491	0,041	4.649,459	1,028	7,367	55.163,394	0,086	76.990,879	0,086	
336+0,000	10,212	3.186,703		4.649,459	10,000	139,170	55.302,564	0,410	76.991,289	0,410	
337+0,000	12,810	3.199,513		4.649,459	10,000	230,220	55.532,784		76.991,289		
337+5,169	14,974	3.214,487		4.649,459	2,585	71,808	55.604,592		76.991,289		
338+0,000	18,480	3.232,967		4.649,459	7,416	248,078	55.852,670		76.991,289		
338+2,830	18,788	3.251,755		4.649,459	1,415	52,734	55.905,404		76.991,289		
339+0,000	18,314	3.270,069		4.649,459	8,585	318,521	56.223,925		76.991,289		

HASH: 18048515d5070f58bce8b8d53abef15c4e25f1929d991d610ebca76d2197. Documento assinado digitalmente, válido em https://arquivos.sigap.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9CSJ-F37W. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
 HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, RAFAEL DEL GROSSI SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Emitido em 29/09/2025 10:21:47 por AMANDA ARAUJO.



Cálculo de Volume por Comparação de Perfis: Terreno x Projeto

Estaca	Á. Corte (m²)	Á. C. Acum. (m²)	Á. Aterro (m²)	Á. A. Acum. (m²)	Semi-Dist. (m)	Vol. Corte (m³)	Vol. C.Acum. (m³)	Vol. Aterro (m³)	Vol. A.Acum. (m³)	100% PI	100% PN
340+0,000	16,103	3.286,172		4.649,459	10,000	344,170	56.568,095		76.991,289		
341+0,000	15,545	3.301,717		4.649,459	10,000	316,480	56.884,575		76.991,289		
341+7,717	14,992	3.316,709		4.649,459	3,859	117,827	57.002,402		76.991,289		
342+0,000	13,171	3.329,880		4.649,459	6,142	172,963	57.175,365		76.991,289		
343+0,000	9,602	3.339,482		4.649,459	10,000	227,730	57.403,095		76.991,289		
343+5,169	9,732	3.349,214		4.649,459	2,585	49,969	57.453,064		76.991,289		
343+10,078	11,689	3.360,903		4.649,459	2,455	52,589	57.505,652		76.991,289		
344+0,000	10,943	3.371,846		4.649,459	4,961	112,277	57.617,930		76.991,289		
344+7,717	9,411	3.381,257	0,328	4.649,787	3,859	78,536	57.696,466	1,266	76.992,554	1,266	
345+0,000	7,680	3.388,937	2,755	4.652,542	6,142	104,964	57.801,430	18,934	77.011,489	18,934	
346+0,000	3,410	3.392,347	9,335	4.661,877	10,000	110,900	57.912,330	120,900	77.132,389	109,750	11,150
347+0,000		3.392,347	24,953	4.686,830	10,000	34,100	57.946,430	342,880	77.475,269	164,400	178,480
348+0,000		3.392,347	58,057	4.744,887	10,000		57.946,430	830,100	78.305,369	164,400	665,700
349+0,000		3.392,347	79,105	4.823,992	10,000		57.946,430	1.371,620	79.676,989	164,400	1.207,220
350+0,000		3.392,347	72,017	4.896,009	10,000		57.946,430	1.511,220	81.188,209	164,400	1.346,820
350+7,196		3.392,347	68,463	4.964,472	3,598		57.946,430	505,447	81.693,656	59,151	446,296
351+0,000		3.392,347	59,553	5.024,025	6,402		57.946,430	819,558	82.513,214	105,249	714,309
352+0,000		3.392,347	43,981	5.068,006	10,000		57.946,430	1.035,340	83.548,554	164,400	870,940
353+0,000		3.392,347	37,526	5.105,532	10,000		57.946,430	815,070	84.363,624	164,400	650,670
353+10,078		3.392,347	37,043	5.142,575	5,039		57.946,430	375,753	84.739,377	82,841	292,912
354+0,000		3.392,347	41,557	5.184,132	4,961		57.946,430	389,935	85.129,312	81,559	308,376
355+0,000		3.392,347	37,734	5.221,866	10,000		57.946,430	792,910	85.922,222	164,400	628,510
356+0,000		3.392,347	30,668	5.252,534	10,000		57.946,430	684,020	86.606,242	164,400	519,620
357+0,000		3.392,347	21,968	5.274,502	10,000		57.946,430	526,360	87.132,602	164,400	361,960
358+0,000		3.392,347	18,899	5.293,401	10,000		57.946,430	408,670	87.541,272	164,400	244,270
359+0,000	0,255	3.392,602	7,745	5.301,146	10,000	2,550	57.948,980	266,440	87.807,712	159,650	106,790
360+0,000	2,655	3.395,257	4,700	5.305,846	10,000	29,100	57.978,080	124,450	87.932,162	124,450	
361+0,000	4,308	3.399,565	2,816	5.308,662	10,000	69,630	58.047,710	75,160	88.007,322	75,160	
362+0,000	6,555	3.406,120	0,027	5.308,689	10,000	108,630	58.156,340	28,430	88.035,752	28,430	
363+0,000	11,559	3.417,679		5.308,689	10,000	181,140	58.337,480	0,270	88.036,022	0,270	
364+0,000	14,053	3.431,732		5.308,689	10,000	256,120	58.593,600		88.036,022		
365+0,000	10,682	3.442,414		5.308,689	10,000	247,350	58.840,950		88.036,022		
366+0,000	8,588	3.451,002		5.308,689	10,000	192,700	59.033,650		88.036,022		
367+0,000	2,515	3.453,517		5.308,689	10,000	111,030	59.144,680		88.036,022		
368+0,000	0,325	3.453,842	5,318	5.314,007	10,000	28,400	59.173,080	53,180	88.089,202	53,180	
369+0,000	0,051	3.453,893	8,373	5.322,380	10,000	3,760	59.176,840	136,910	88.226,112	135,380	1,530
370+0,000		3.453,893	13,560	5.335,940	10,000	0,510	59.177,350	219,330	88.445,442	164,400	54,930
371+0,000		3.453,893	17,353	5.353,293	10,000		59.177,350	309,130	88.754,572	164,400	144,730
371+6,835		3.453,893	18,808	5.372,101	3,418		59.177,350	123,580	88.878,152	56,184	67,396
371+7,185		3.453,893	18,882	5.390,983	0,175		59.177,350	6,596	88.884,748	2,877	3,719
372+0,000		3.453,893	23,581	5.414,564	6,408		59.177,350	272,082	89.156,830	105,339	166,743
373+0,000		3.453,893	26,630	5.441,194	10,000		59.177,350	502,110	89.658,940	164,400	337,710
374+0,000		3.453,893	29,355	5.470,549	10,000		59.177,350	559,850	90.218,790	164,400	395,450
374+7,185		3.453,893	33,091	5.503,640	3,593		59.177,350	224,337	90.443,127	59,061	165,276
375+0,000		3.453,893	33,084	5.536,724	6,408		59.177,350	424,016	90.867,143	105,339	318,677
376+0,000		3.453,893	32,447	5.569,171	10,000		59.177,350	655,310	91.522,453	164,400	490,910
377+0,000		3.453,893	29,270	5.598,441	10,000		59.177,350	617,170	92.139,623	164,400	452,770
378+0,000		3.453,893	27,565	5.626,006	10,000		59.177,350	568,350	92.707,973	164,400	403,950
378+0,206		3.453,893	27,589	5.653,595	0,103		59.177,350	5,681	92.713,654	1,693	3,988
379+0,000		3.453,893	26,314	5.679,909	9,897		59.177,350	533,478	93.247,132	162,707	370,771
380+0,000		3.453,893	22,066	5.701,975	10,000		59.177,350	483,800	93.730,932	164,400	319,400
381+0,000		3.453,893	13,717	5.715,692	10,000		59.177,350	357,830	94.088,762	164,400	193,430
381+13,226		3.453,893	9,581	5.725,273	6,613		59.177,350	154,070	94.242,832	108,718	45,352
382+0,000		3.453,893	7,678	5.732,951	3,387		59.177,350	58,456	94.301,288	53,847	4,609
383+0,000	0,764	3.454,657	2,252	5.735,203	10,000	7,640	59.184,990	99,300	94.400,588	99,300	
384+0,000	6,373	3.461,030		5.735,203	10,000	71,370	59.256,360	22,520	94.423,108	22,520	
384+13,226	10,482	3.471,512		5.735,203	6,613	111,462	59.367,822		94.423,108		
385+0,000	12,359	3.483,871		5.735,203	3,387	77,362	59.445,185		94.423,108		



Cálculo de Volume por Comparação de Perfis: Terreno x Projeto

Estaca	Á. Corte (m²)	Á. C. Acum. (m²)	Á. Aterro (m²)	Á. A. Acum. (m²)	Semi-Dist. (m)	Vol. Corte (m³)	Vol. C. Acum. (m³)	Vol. Aterro (m³)	Vol. A. Acum. (m³)	100% PI	100% PN
386+0,000	15,498	3.499,369		5.735,203	10,000	278,570	59.723,755		94.423,108		
386+6,835	16,508	3.515,877		5.735,203	3,418	109,381	59.833,135		94.423,108		
387+0,000	23,246	3.539,123		5.735,203	6,583	261,681	60.094,816		94.423,108		
388+0,000	31,692	3.570,815		5.735,203	10,000	549,380	60.644,196		94.423,108		
389+0,000	28,501	3.599,316		5.735,203	10,000	601,930	61.246,126		94.423,108		
390+0,000	27,878	3.627,194		5.735,203	10,000	563,790	61.809,916		94.423,108		
391+0,000	26,749	3.653,943		5.735,203	10,000	546,270	62.356,186		94.423,108		
392+0,000	22,375	3.676,318		5.735,203	10,000	491,240	62.847,426		94.423,108		
393+0,000	14,705	3.691,023		5.735,203	10,000	370,800	63.218,226		94.423,108		
394+0,000	5,771	3.696,794		5.735,203	10,000	204,760	63.422,986		94.423,108		
395+0,000	0,360	3.697,154	1,848	5.737,051	10,000	61,310	63.484,296	18,480	94.441,588	18,480	
396+0,000		3.697,154	9,526	5.746,577	10,000	3,600	63.487,896	113,740	94.555,328	100,680	13,060
397+0,000		3.697,154	18,364	5.764,941	10,000		63.487,896	278,900	94.834,228	164,400	114,500
398+0,000		3.697,154	27,843	5.792,784	10,000		63.487,896	462,070	95.296,298	164,400	297,670
399+0,000		3.697,154	35,585	5.828,369	10,000		63.487,896	634,280	95.930,578	164,400	469,880
400+0,000		3.697,154	36,913	5.865,282	10,000		63.487,896	724,980	96.655,558	164,400	560,580
401+0,000		3.697,154	34,379	5.899,661	10,000		63.487,896	712,920	97.368,478	164,400	548,520
402+0,000		3.697,154	29,163	5.928,824	10,000		63.487,896	635,420	98.003,898	164,400	471,020
403+0,000		3.697,154	21,638	5.950,462	10,000		63.487,896	508,010	98.511,908	164,400	343,610
404+0,000		3.697,154	12,378	5.962,840	10,000		63.487,896	340,160	98.852,068	164,400	175,760
405+0,000	0,048	3.697,202	8,536	5.971,376	10,000	0,480	63.488,376	209,140	99.061,208	164,400	44,740
406+0,000	0,079	3.697,281	5,048	5.976,424	10,000	1,270	63.489,646	135,840	99.197,048	132,680	3,160
407+0,000	2,296	3.699,577	1,352	5.977,776	10,000	23,750	63.513,396	64,000	99.261,048	64,000	
408+0,000	3,563	3.703,140	0,040	5.977,816	10,000	58,590	63.571,986	13,920	99.274,968	13,920	
409+0,000	2,375	3.705,515	0,009	5.977,825	10,000	59,380	63.631,366	0,490	99.275,458	0,490	
410+0,000	4,513	3.710,028		5.977,825	10,000	68,880	63.700,246	0,090	99.275,548	0,090	
411+0,000	1,327	3.711,355	0,294	5.978,119	10,000	58,400	63.758,646	2,940	99.278,488	2,940	
412+0,000		3.711,355	6,737	5.984,856	10,000	13,270	63.771,916	70,310	99.348,798	70,310	
413+0,000		3.711,355	11,035	5.995,891	10,000		63.771,916	177,720	99.526,518	149,570	28,150
414+0,000		3.711,355	11,074	6.006,965	10,000		63.771,916	221,090	99.747,608	164,400	56,690
415+0,000		3.711,355	8,133	6.015,098	10,000		63.771,916	192,070	99.939,678	163,530	28,540
416+0,000		3.711,355	4,471	6.019,569	10,000		63.771,916	126,040	100.065,718	126,040	
417+0,000	1,708	3.713,063	0,231	6.019,800	10,000	17,080	63.788,996	47,020	100.112,738	47,020	
418+0,000	4,674	3.717,737		6.019,800	10,000	63,820	63.852,816	2,310	100.115,048	2,310	
418+2,779	5,420	3.723,157		6.019,800	1,390	14,026	63.866,841		100.115,048		
419+0,000	11,543	3.734,700		6.019,800	8,611	146,060	64.012,901		100.115,048		
420+0,000	17,287	3.751,987		6.019,800	10,000	288,300	64.301,201		100.115,048		
420+7,237	17,356	3.769,343		6.019,800	3,619	125,356	64.426,557		100.115,048		
421+0,000	18,170	3.787,513		6.019,800	6,382	226,709	64.653,266		100.115,048		
422+0,000	16,710	3.804,223		6.019,800	10,000	348,800	65.002,066		100.115,048		
423+0,000	9,679	3.813,902		6.019,800	10,000	263,890	65.265,956		100.115,048		
424+0,000	7,614	3.821,516		6.019,800	10,000	172,930	65.438,886		100.115,048		
424+2,779	7,441	3.828,957		6.019,800	1,390	20,919	65.459,805		100.115,048		
425+0,000	1,347	3.830,304	0,897	6.020,697	8,611	75,669	65.535,474	7,724	100.122,772	7,724	
426+0,000	0,162	3.830,466	2,688	6.023,385	10,000	15,090	65.550,564	35,850	100.158,622	35,850	
427+0,000	1,174	3.831,640	2,667	6.026,052	10,000	13,360	65.563,924	53,550	100.212,172	53,550	
428+0,000	0,343	3.831,983	2,791	6.028,843	10,000	15,170	65.579,094	54,580	100.266,752	54,580	
429+0,000	1,057	3.833,040	1,680	6.030,523	10,000	14,000	65.593,094	44,710	100.311,462	44,710	
430+0,000	1,638	3.834,678	0,039	6.030,562	10,000	26,950	65.620,044	17,190	100.328,652	17,190	
431+0,000	5,094	3.839,772		6.030,562	10,000	67,320	65.687,364	0,390	100.329,042	0,390	
432+0,000	6,865	3.846,637		6.030,562	10,000	119,590	65.806,954		100.329,042		
432+12,442	5,935	3.852,572		6.030,562	6,221	79,629	65.886,583		100.329,042		
433+0,000	5,129	3.857,701		6.030,562	3,779	41,811	65.928,394		100.329,042		
434+0,000	1,212	3.858,913	6,186	6.036,748	10,000	63,410	65.991,804	61,860	100.390,902	61,860	
435+0,000	2,109	3.861,022	8,355	6.045,103	10,000	33,210	66.025,014	145,410	100.536,312	144,060	1,350
435+11,723	2,961	3.863,983	1,235	6.046,338	5,862	29,718	66.054,732	56,212	100.592,523	55,420	0,792
436+0,000	5,662	3.869,645		6.046,338	4,139	35,686	66.090,418	5,111	100.597,634	5,111	
437+0,000	7,393	3.877,038		6.046,338	10,000	130,550	66.220,968		100.597,634		

HASH: 18048515d5070f5bce8bde53abef15c4e25f1929d991d610ebca76d2197. Documento assinado digitalmente, válido em https://arquivos.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9CSJ-F37W. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
 HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, RAFAEL DEL GROSSI SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Junado em 29/09/2025 10:21:47 por AMANDA ARAUJO.





HASH: 18048515d5070f58bce8b8de53abef15cde25f1929d991d610ebcd76d2197. Documento assinado digitalmente, valide em <https://aquissicoes.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LGZ9-9CSJ-F37W>. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
 HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, RAFAEL DEL GROSSI SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.

5.0 - NOTAS DE SERVIÇO DE TERRAPLENAGEM



SINFRACAP202586578A



Nota de Serviço de Terraplenagem																			
Lado Esquerdo										Lado Direito									
Offset					Banqueta					Bordo					Banqueta				
Alast. (m)	Cota (m)	Altura (m)	Alast. (m)	Incl. (%)	Alast. (m)	Cota (m)	Incl. (%)	Cota (m)	Alast. (m)	Alast. (m)	Cota (m)	Incl. (%)	Cota (m)	Alast. (m)	Alast. (m)	Cota (m)	Incl. (%)	Cota (m)	Alast. (m)
Rodovia : MT-247																			
Rodovia : MT-247																			
7.136	205,529	0,735				6,400	204,794	-3,00	0+0,000		204,986	205,411	-0,425	6,400	204,794	-3,00		6,907	205,301
7.071	205,423	0,671				6,400	204,752	-3,00	1+0,000		204,944	205,368	-0,424	6,400	204,752	-3,00		7,081	205,433
7.077	205,423	0,677				6,400	204,746	-3,00	1+2,755		204,938	205,363	-0,425	6,400	204,746	-3,00		7,011	205,447
6.972	205,344	0,572				6,400	204,672	-3,00	2+0,000		204,864	205,323	-0,459	6,400	204,672	-3,00		7,137	205,409
6.972	204,883	0,392				6,400	204,491	-3,00	3+0,000		204,683	205,081	-0,398	6,400	204,491	-3,00		7,031	205,122
7.016	204,884	0,676				6,400	204,208	-3,00	4+0,000		204,400	204,774	-0,374	6,400	204,208	-3,00		7,009	204,817
7.040	204,663	0,841				6,400	203,822	-3,00	5+0,000		204,014	204,465	-0,451	6,400	203,822	-3,00		6,956	204,379
7.096	203,970	0,635				6,400	203,335	-3,00	6+0,000		203,527	203,863	-0,326	6,400	203,335	-3,00		6,947	203,882
7.044	203,388	0,843				6,400	202,745	-3,00	7+0,000		202,937	203,294	-0,357	6,400	202,745	-3,00		6,959	203,304
7.189	202,842	0,789				6,400	202,053	-3,00	8+0,000		202,245	202,608	-0,363	6,400	202,053	-3,00		7,053	202,706
7.333	202,883	0,934				6,400	201,949	-3,00	8+2,755		202,141	202,504	-0,363	6,400	201,949	-3,00		7,062	202,612
7.610	202,844	1,410				6,400	201,524	-3,00	8+13,987	PT	201,716	202,078	-0,362	6,400	201,524	-3,00		7,019	202,143
7.718	202,615	1,319				6,400	201,296	-3,00	9+0,000		201,488	201,862	-0,374	6,400	201,296	-3,00		7,007	201,903
7.860	201,699	0,960				6,400	200,539	-3,00	10+0,000		200,731	201,153	-0,422	6,400	200,539	-3,00		7,093	201,232
7.520	200,987	1,120				6,400	199,867	-3,00	10+17,757		200,059	200,510	-0,571	6,400	199,867	-3,00		7,191	200,658
7.866	200,247	1,465				6,400	199,782	-3,00	11+0,000		199,974	200,565	-0,591	6,400	199,782	-3,00		7,198	200,579
8.235	200,860	1,836				6,400	199,024	-3,00	12+0,000		199,216	199,772	-0,556	6,400	199,024	-3,00		7,491	200,115
7.485	199,533	1,086				6,400	198,267	-3,00	13+0,000		198,459	198,733	-0,274	6,400	198,267	-3,00		7,052	198,919
7.881	199,190	0,981				6,400	198,209	-3,00	13+1,527	PT	198,401	198,649	-0,248	6,400	198,209	-3,00		7,019	198,828
7.027	198,447	0,627				6,400	197,520	-3,00	13+19,720		197,712	197,610	0,102	6,400	197,520	-3,00		6,767	197,887
7.020	198,130	0,620				6,400	197,530	-3,00	14+0,000		197,702	197,694	0,108	6,400	197,530	-3,00		6,771	197,881
6.718	196,635	-0,212				6,400	196,847	-3,00	15+0,000		197,039	196,604	0,435	6,400	196,847	-3,00		6,596	196,716
6.959	196,010	-0,359				6,400	196,389	-3,00	16+0,000		196,561	195,882	0,669	6,400	196,389	-3,00		7,122	195,888
7.417	195,988	-0,678				6,400	196,076	-3,00	17+0,000		196,268	195,564	0,704	6,400	196,076	-3,00		7,257	195,505
7.817	195,023	-0,945				6,400	195,968	-3,00	17+19,720		196,160	195,330	0,830	6,400	195,968	-3,00		7,882	194,913
7.818	195,022	-0,945				6,400	195,967	-3,00	18+0,000		196,159	195,316	0,833	6,400	195,967	-3,00		7,886	194,910
7.802	195,016	-0,935				6,400	195,951	-3,00	18+17,503		196,143	195,067	1,076	6,400	195,951	-3,00		8,251	194,717
7.781	195,028	-0,921				6,400	195,949	-3,00	19+0,000		196,141	195,057	1,084	6,400	195,949	-3,00		8,236	194,724
7.742	195,052	-0,895				6,400	195,947	-3,00	19+5,133		196,139	195,056	1,083	6,400	195,947	-3,00		8,159	194,774
7.126	195,477	-0,484				6,400	195,861	-3,00	20+0,000		196,153	195,070	1,083	6,400	195,861	-3,00		8,219	194,748
8.065	194,913	-1,110				6,400	196,023	-3,00	21+0,000		196,215	195,177	1,038	6,400	196,023	-3,00		7,907	195,018
8.771	194,955	-1,180				6,400	196,135	-3,00	22+0,000		196,327	195,862	0,965	6,400	196,135	-3,00		7,850	195,169



HASH: 1804851d5070f58bce8b8d653abef15cde25f1929d991d610ebca76d2197. Documento assinado digitalmente, válido em <https://aquissos.esplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9CSJ-F37W>. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
 HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, RAFAEL DEL GROSSI SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Emitido em 29/09/2025 10:21:47 por AMANDA ARAUJO.



Nota de Serviço de Terraplenagem																			
Rodovia : MT-247																			
Lado Esquerdo										Lado Direito									
Banqueta					Bordo					Banqueta					Bordo				
Alarg. (m)	Cota (m)	Alarg. (m)	Incl. (%)	Cota (m)	Alarg. (m)	Cota (m)	Incl. (%)	Cota (m)	Alarg. (m)	Alarg. (m)	Cota (m)	Incl. (%)	Cota (m)	Alarg. (m)	Alarg. (m)	Cota (m)	Incl. (%)	Cota (m)	Alarg. (m)
6,413	196,269	-0,029		6,400	196,298	-3,00		23+0,000		6,400	196,298	-3,00		7,713	195,649	-0,649			
6,418	196,498	-0,012		6,400	196,530	-3,00		24+0,000		6,400	196,530	-3,00		7,056	196,073	-0,437			
6,495	196,674	-0,063		6,400	196,737	-3,00		24+17,503		6,400	196,737	-3,00		7,238	196,179	-0,558			
6,526	196,689	-0,063		6,400	196,772	-3,00		25+0,000		6,400	196,772	-3,00		7,554	196,203	-0,569			
6,978	197,632	0,578		6,400	197,054	-3,00		26+0,000		6,400	197,054	-3,00		7,423	196,371	-0,883			
7,415	198,350	1,015		6,400	197,335	-3,00		27+0,000		6,400	197,335	-3,00		7,280	196,748	-0,587			
7,712	198,928	1,312		6,400	197,616	-3,00		28+0,000		6,400	197,616	-3,00		6,999	197,484	-0,132			
7,747	199,345	1,347		6,400	197,888	-3,00		29+0,000		6,400	197,888	-3,00		6,816	198,314	0,416			
8,218	199,998	1,819		6,400	198,179	-3,00		30+0,000		6,400	198,179	-3,00		7,198	198,977	0,798			
8,656	200,716	2,256		6,400	198,460	-3,00		31+0,000		6,400	198,460	-3,00		7,063	199,123	0,663			
9,091	201,433	2,691		6,400	198,742	-3,00		32+0,000		6,400	198,742	-3,00		8,014	200,355	1,613			
9,177	201,800	2,777		6,400	199,023	-3,00		33+0,000		6,400	199,023	-3,00		8,306	200,929	1,906			
9,619	202,523	3,219		6,400	199,304	-3,00		34+0,000		6,400	199,304	-3,00		8,339	201,243	1,939			
9,987	202,472	2,886		6,400	199,586	-3,00		35+0,000		6,400	199,586	-3,00		8,541	201,727	2,141			
9,085	202,553	2,686		6,400	199,867	-3,00		36+0,000		6,400	199,867	-3,00		8,712	202,179	2,312			
9,026	202,774	2,625		6,400	200,149	-3,00		37+0,000		6,400	200,149	-3,00		8,874	202,622	2,473			
9,960	203,390	2,860		6,400	200,430	-3,00		38+0,000		6,400	200,430	-3,00		8,935	202,964	2,534			
9,173	203,484	2,773		6,400	200,711	-3,00		39+0,000		6,400	200,711	-3,00		8,801	203,113	2,402			
8,659	203,551	2,258		6,400	200,993	-3,00		40+0,000		6,400	200,993	-3,00		8,556	202,849	1,856			
8,003	202,876	1,602		6,400	201,274	-3,00		41+0,000		6,400	201,274	-3,00		8,347	203,121	1,847			
7,814	202,970	1,415		6,400	201,555	-3,00		42+0,000		6,400	201,555	-3,00		7,335	202,490	0,935			
6,650	202,896	0,249		6,400	201,837	-3,00		43+0,000		6,400	201,837	-3,00		6,053	202,289	0,452			
7,207	202,925	0,807		6,400	202,118	-3,00		44+0,000		6,400	202,118	-3,00		7,059	201,678	-0,440			
7,818	201,454	-0,945		6,400	202,399	-3,00		45+0,000		6,400	202,399	-3,00		8,495	201,003	-1,396			
8,651	201,180	-1,501		6,400	202,681	-3,00		46+0,000		6,400	202,681	-3,00		11,104	199,545	-3,136			
9,557	200,838	-2,105		6,400	202,943	-3,00		46+18,645		6,400	202,943	-3,00		11,188	199,751	-3,192			
9,447	200,931	-2,031		6,400	202,962	-3,00		47+0,000		6,400	202,962	-3,00		11,086	199,838	-3,124			
7,818	202,322	-0,946		6,400	203,268	-3,00		48+0,000		6,400	203,268	-3,00		8,767	201,690	-1,578			
7,777	202,700	-0,918		6,400	203,618	-3,00		49+0,000		6,400	203,618	-3,00		8,174	202,435	-1,183			
7,365	203,367	-0,644		6,400	204,011	-3,00		50+0,000		6,400	204,011	-3,00		8,352	202,709	-1,302			
7,341	203,564	-0,561		6,400	204,125	-3,00		50+5,441		6,400	204,125	-3,00		8,339	202,832	-1,293			
7,020	204,034	-0,413		6,400	204,447	-3,00		51+0,000		6,400	204,447	-3,00		8,106	203,310	-1,137			
7,440	204,334	-0,693		6,400	204,927	-3,00		52+0,000		6,400	204,927	-3,00		8,468	203,559	-1,379			



HASH: 18048515d5070f58bce8b8d653abef15c4e25f1929d991d610ebcd76d2197. Documento assinado digitalmente, válido em https://aquissos.esplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9G5J-F37W. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
 HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, RAFAEL DEL GROSSI SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.



SINFRACAP202586578A



Nota de Serviço de Terraplenagem																			
Rodovia : MT-247																			
Lado Esquerdo										Lado Direito									
Offset					Banqueta					Bordo					Banqueta				
Alast. (m)	Cota (m)	Altura (m)	Alast. (m)	Cota (m)	Alast. (m)	Cota (m)	Incl. (%)	Alast. (m)	Cota (m)	Alast. (m)	Cota (m)	Incl. (%)	Alast. (m)	Cota (m)	Alast. (m)	Cota (m)	Incl. (%)	Alast. (m)	Cota (m)
7,930	204,764	-0,686	6,400	205,450	-3,00	53+0,000		6,400	205,450	205,452	204,772	1,070	6,400	205,627	-0,24	8,352	204,332	-1,235	
6,852	205,710	-0,301	6,400	206,011	-3,09	54+0,000		6,400	206,011	206,209	205,360	0,849	6,400	206,402	3,01	8,195	205,205	-1,197	
6,724	205,899	-0,216	6,400	206,115	-4,00	54+5,441		6,400	206,115	206,371	205,584	0,787	6,400	206,600	3,58	8,255	205,363	-1,237	
6,657	206,020	0,056	6,400	206,564	-4,00	55+0,000		6,400	206,564	206,820	205,173	0,647	6,400	207,076	4,00	8,882	205,955	-1,121	
6,484	207,116	-0,056	6,400	207,172	-4,00	55+18,645		6,400	207,172	207,428	207,025	0,403	6,400	207,684	4,00	7,456	206,980	-0,704	
6,886	207,160	-0,057	6,400	207,217	-4,00	56+0,000		6,400	207,217	207,473	207,085	0,388	6,400	207,729	4,00	7,417	207,052	-0,677	
6,692	207,282	0,092	6,400	207,890	-4,00	57+0,000		6,400	207,890	208,146	208,033	0,113	6,400	208,402	4,00	7,004	207,999	-0,403	
7,442	209,704	1,141	6,400	208,583	-4,00	58+0,000		6,400	208,583	208,819	209,283	-0,464	6,400	209,075	4,00	6,470	209,145	0,070	
8,095	210,890	1,655	6,400	209,235	-4,00	59+0,000		6,400	209,235	209,491	210,418	-0,937	6,400	209,747	4,00	7,010	210,358	0,611	
7,720	211,228	1,320	6,400	209,908	-4,00	60+0,000		6,400	209,908	210,164	211,580	-1,416	6,400	210,420	4,00	7,822	211,842	1,422	
7,978	211,226	1,277	6,400	209,949	-4,00	60+1,207		6,400	209,949	210,205	211,637	-1,432	6,400	210,461	4,00	7,806	211,867	1,406	
7,682	211,863	1,282	6,400	210,581	-4,00	61+0,000		6,400	210,581	210,837	212,103	-1,266	6,400	211,093	4,00	8,300	212,892	1,799	
8,051	212,904	1,651	6,400	211,253	-4,00	62+0,000		6,400	211,253	211,509	213,370	-1,861	6,400	211,765	4,00	8,346	213,712	1,947	
8,551	214,077	2,151	6,400	211,926	-4,00	63+0,000		6,400	211,926	212,182	214,153	-1,971	6,400	212,438	4,00	8,593	214,621	2,183	
9,128	215,326	2,727	6,400	212,599	-4,00	64+0,000		6,400	212,599	212,855	214,867	-2,012	6,400	213,111	4,00	8,411	215,122	2,011	
8,294	215,165	1,894	6,400	213,271	-4,00	65+0,000		6,400	213,271	213,527	215,744	-2,217	6,400	213,783	4,00	8,302	215,685	1,902	
8,096	215,478	1,636	6,400	213,842	-4,00	65+16,973	CS	6,400	213,842	214,098	215,822	-1,724	6,400	214,328	3,58	8,643	216,571	2,243	
7,568	215,534	1,558	6,400	213,976	-3,50	66+0,000		6,400	213,976	214,200	215,851	-1,651	6,400	214,411	3,29	8,651	216,672	2,261	
7,584	215,865	1,184	6,400	214,681	-3,00	67+0,000		6,400	214,681	214,873	216,228	-1,355	6,400	214,883	0,16	8,167	216,650	1,767	
7,663	216,616	1,263	6,400	215,353	-3,00	68+0,000		6,400	215,353	215,545	216,810	-1,285	6,400	215,375	-2,66	8,386	217,261	1,886	
7,437	217,063	1,037	6,400	216,026	-3,00	69+0,000		6,400	216,026	216,218	217,061	-0,843	6,400	216,026	-3,00	8,148	217,774	1,748	
7,979	217,576	0,979	6,400	216,699	-3,00	69+16,973	ST	6,400	216,699	216,789	217,453	-0,664	6,400	216,699	-3,00	8,012	218,208	1,611	
7,528	217,827	1,128	6,400	216,699	-3,00	70+0,000		6,400	216,699	216,891	217,532	-0,641	6,400	216,699	-3,00	7,992	218,291	1,592	
6,744	217,716	0,345	6,400	217,371	-3,00	71+0,000		6,400	217,371	217,563	218,056	-0,493	6,400	217,371	-3,00	7,419	218,391	1,020	
6,794	218,378	0,334	6,400	218,044	-3,00	72+0,000		6,400	218,044	218,236	218,418	-0,182	6,400	218,044	-3,00	6,902	218,546	0,902	
6,740	218,490	-0,227	6,400	218,717	-3,00	73+0,000		6,400	218,717	218,909	218,650	0,259	6,400	218,717	-3,00	6,753	219,070	0,353	
6,510	219,500	0,111	6,400	219,389	-3,00	74+0,000		6,400	219,389	219,581	219,095	0,486	6,400	219,389	-3,00	6,645	219,634	0,245	
7,141	219,568	-0,494	6,400	220,062	-3,00	75+0,000		6,400	220,062	220,254	219,852	0,402	6,400	220,062	-3,00	6,876	219,745	-0,317	
7,250	219,629	-0,567	6,400	220,396	-3,00	75+9,931	PCV	6,400	220,396	220,588	220,088	0,500	6,400	220,396	-3,00	6,895	220,066	-0,330	
6,959	220,372	-0,373	6,400	220,745	-3,00	76+0,000		6,400	220,745	220,937	220,314	0,623	6,400	220,745	-3,00	7,096	220,320	-0,255	
7,300	220,897	-0,600	6,400	221,467	-3,00	76+0,000		6,400	221,467	221,689	220,996	0,693	6,400	221,467	-3,00	6,882	221,778	0,281	
7,295	221,721	-0,936	6,400	222,327	-3,00	78+0,000		6,400	222,327	222,519	221,884	0,635	6,400	222,327	-3,00	6,513	222,440	0,113	
7,869	222,991	-0,646	6,400	223,237	-3,00	79+0,000		6,400	223,237	223,429	222,719	0,710	6,400	223,237	-3,00	6,829	222,951	-0,286	



HASH: 18048515d5070f58bce8b8d653abef15cde25f1929d991d610ebca76d2197. Documento assinado digitalmente, válido em https://aquiloeses.sspag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9G5J-F37W. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
 HELIO MARQUES DE ARRUDA em 11/09/2025; HELIO MARQUES DE ARRUDA em 11/09/2025; DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025; RAFAEL DEL GROSSI SOARES em 11/09/2025; LUANA DOS SANTOS VIANA em 11/09/2025; AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.



Nota de Serviço de Terraplenagem																			
Rodovia : MT-247																			
Lado Esquerdo										Lado Direto									
Banqueta					Bordo					Banqueta					Bordo				
Alarg. (m)	Cota (m)	Alarg. (m)	Incl. (%)	Cota (m)	Alarg. (m)	Cota (m)	Incl. (%)	Cota (m)	Alarg. (m)	Alarg. (m)	Cota (m)	Incl. (%)	Cota (m)	Alarg. (m)	Alarg. (m)	Cota (m)	Incl. (%)	Cota (m)	Alarg. (m)
7.704	223.516	-0.870		6.400	224.226	-3.00	80+0.000	224.418	223.723	0.695	6.400	224.226	-3.00	7.851	223.592	-0.634			
7.777	224.376	-0.917		6.400	225.293	-3.00	81+0.000	225.485	224.657	0.828	6.400	225.293	-3.00	7.740	224.400	-0.893			
8.397	224.255	-1.598		6.400	225.853	-3.00	81+9.911	226.045	225.897	0.748	6.400	225.853	-3.00	8.504	224.450	-1.403			
9.350	224.463	-1.967		6.400	226.430	-3.00	82+0.000	226.622	226.179	0.443	6.400	226.430	-3.00	7.977	225.379	-1.051			
7.732	226.689	-0.887		6.400	227.576	-3.00	83+0.000	227.768	227.208	0.560	6.400	227.576	-3.00	7.676	226.726	-0.850			
7.693	227.220	-0.862		6.400	228.022	-3.00	83+7.773	228.214	227.674	0.540	6.400	228.022	-3.00	7.894	227.086	-0.936			
7.462	227.998	-0.708		6.400	228.706	-3.00	84+0.000	228.898	228.407	0.491	6.400	228.706	-3.00	7.694	227.843	-0.863			
7.437	228.060	-0.691		6.400	229.751	-3.00	85+0.000	229.943	229.499	0.444	6.400	229.751	-3.00	7.605	229.347	-0.404			
7.188	230.180	-0.525		6.400	230.705	-3.00	86+0.000	230.897	230.486	0.411	6.400	230.705	-3.00	6.867	230.327	-0.378			
7.692	230.706	-0.862		6.400	231.568	-3.00	87+0.000	231.760	231.276	0.484	6.400	231.568	-3.00	7.655	231.131	-0.437			
7.650	231.766	-0.574		6.400	232.340	-3.00	88+0.000	232.532	231.949	0.585	6.400	232.340	-3.00	6.594	232.211	-0.129			
7.125	232.537	-0.484		6.400	233.021	-3.00	89+0.000	233.213	232.657	0.546	6.400	233.021	-3.00	7.192	232.492	-0.529			
7.099	232.795	-0.466		6.400	233.261	-3.00	89+7.773	233.453	232.990	0.463	6.400	233.261	-3.00	7.140	232.767	-0.494			
7.323	233.012	-0.615		6.400	233.627	-3.00	90+0.000	233.819	233.318	0.301	6.400	233.627	-3.00	6.536	233.536	-0.091			
6.663	234.052	-0.175		6.400	234.227	-3.00	91+0.000	234.419	234.82	0.137	6.400	234.227	-3.00	6.661	234.488	0.261			
6.448	234.795	-0.032		6.400	234.827	-3.00	92+0.000	235.019	235.002	0.017	6.400	234.827	-3.00	6.924	235.351	0.524			
6.692	235.332	-0.195		6.400	235.427	-3.00	93+0.000	235.619	235.549	0.070	6.400	235.427	-3.00	6.650	235.393	-0.034			
6.673	235.845	-0.182		6.400	236.027	-3.00	94+0.000	236.219	235.890	0.329	6.400	236.027	-3.00	6.889	236.616	0.589			
6.942	236.355	-0.362		6.400	236.627	-3.00	95+0.000	236.819	236.410	0.409	6.400	236.627	-3.00	6.517	236.549	-0.078			
7.080	236.774	-0.453		6.400	237.227	-3.00	96+0.000	237.419	237.145	0.274	6.400	237.227	-3.00	6.884	236.837	-0.390			
7.166	237.302	-0.511		6.400	237.813	-3.00	97+0.000	238.005	237.760	0.245	6.400	237.813	-3.00	6.909	237.474	-0.339			
7.164	237.864	-0.509		6.400	238.373	-3.00	98+0.000	238.565	238.275	0.290	6.400	238.373	-3.00	6.986	238.249	-0.124			
7.032	238.485	-0.421		6.400	238.906	-3.00	99+0.000	239.098	238.777	0.321	6.400	238.906	-3.00	7.354	238.270	-0.636			
6.883	239.091	-0.322		6.400	239.413	-3.00	100+0.000	239.605	239.314	0.291	6.400	239.413	-3.00	7.169	238.900	-0.513			
7.160	239.386	-0.507		6.400	239.893	-3.00	101+0.000	240.085	239.770	0.315	6.400	239.893	-3.00	6.757	239.655	-0.238			
7.111	239.805	-0.541		6.400	240.346	-3.00	102+0.000	240.538	240.173	0.365	6.400	240.346	-3.00	6.510	240.273	-0.073			
7.198	240.254	-0.532		6.400	240.786	-3.00	103+0.000	240.978	240.57	0.621	6.400	240.786	-3.00	6.940	240.492	-0.294			
7.614	240.416	-0.810		6.400	241.226	-3.00	104+0.000	241.418	240.758	0.660	6.400	241.226	-3.00	6.894	240.896	-0.330			
7.568	240.887	-0.779		6.400	241.666	-3.00	105+0.000	241.858	241.217	0.641	6.400	241.666	-3.00	6.881	241.345	-0.321			
7.760	241.199	-0.906		6.400	242.105	-3.00	106+0.000	242.297	241.618	0.669	6.400	242.105	-3.00	7.302	241.504	-0.601			
7.635	241.722	-0.823		6.400	242.545	-3.00	107+0.000	242.737	242.039	0.698	6.400	242.545	-3.00	7.322	241.931	-0.614			
7.396	242.321	-0.664		6.400	242.985	-3.00	108+0.000	243.177	242.523	0.654	6.400	242.985	-3.00	6.624	242.836	-0.149			
7.106	242.821	-0.471		6.400	243.292	-3.00	108+13.935	243.484	242.843	0.641	6.400	243.292	-3.00	6.860	242.985	-0.307			



HASH: 1804851d5070f58bce8b8d653abef15cde25f1929d991d610ebca76d2197. Documento assinado digitalmente, válido em https://aquissioes.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9G5J-F37W. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
 HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025; DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025; RAFAEL DEL GROSSI SOARES em 11/09/2025; LUANA DOS SANTOS VIANA em 11/09/2025; AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.



Nota de Serviço de Terraplenagem																			
Rodovia : MT-247																			
Lado Esquerdo										Lado Direito									
Banqueta					Bordo					Banqueta					Bordo				
Alarg. (m)	Cota (m)	Altura (m)	Alarg. (m)	Incl. (%)	Cota (m)	Alarg. (m)	Incl. (%)	Cota (m)	Alarg. (m)	Alarg. (m)	Cota (m)	Alarg. (m)	Incl. (%)	Cota (m)	Alarg. (m)	Incl. (%)	Cota (m)	Alarg. (m)	Alarg. (m)
7.161	242.913	-0.507			6.400	243.420	-3.00	10940.000						6.400	243.420	-3.00	6.696	243.223	-0.197
7.311	243.166	-0.608			6.400	243.774	-3.00	11040.000						6.400	243.774	-3.00	6.467	243.842	0.068
6.547	243.923	-0.098			6.400	244.021	-3.00	11140.000						6.400	244.021	-3.00	6.741	244.362	0.341
6.576	244.337	0.177			6.400	244.160	-3.00	11240.000						6.400	244.160	-3.00	6.780	244.540	0.380
6.881	244.676	0.481			6.400	244.195	-3.00	11246.083						6.400	244.195	-3.00	7.368	245.163	0.968
6.975	244.768	0.575			6.400	244.193	-3.00	11340.000						6.400	244.193	-3.00	7.190	244.983	0.790
7.392	245.110	0.991			6.400	244.119	-3.00	11440.000						6.400	244.119	-3.00	7.972	245.690	1.571
8.011	245.638	1.701			6.400	243.937	-3.00	11540.000						6.400	243.937	-3.00	8.905	246.602	1.665
8.312	245.760	2.112			6.400	243.648	-3.00	11640.000						6.400	243.648	-3.00	9.946	246.494	2.846
8.650	245.302	2.050			6.400	243.252	-3.00	11740.000						6.400	243.252	-3.00	8.809	245.661	2.409
8.632	244.781	2.032			6.400	242.749	-3.00	11840.000						6.400	242.749	-3.00	8.829	245.179	2.430
8.527	244.357	2.128			6.400	242.139	-3.00	11940.000						6.400	242.139	-3.00	9.597	245.337	3.198
8.621	243.643	2.221			6.400	241.422	-3.00	12040.000						6.400	241.422	-3.00	8.872	243.895	2.473
8.162	242.890	1.762			6.400	240.998	-3.00	12140.000						6.400	240.998	-3.00	8.093	242.201	1.693
7.662	240.929	1.262			6.400	239.667	-3.00	12240.000						6.400	239.667	-3.00	7.532	240.798	1.131
7.378	239.607	0.978			6.400	238.629	-3.00	12340.000						6.400	238.629	-3.00	7.095	239.323	0.694
7.185	238.368	0.785			6.400	237.483	-3.00	12440.000						6.400	237.483	-3.00	7.551	238.634	1.151
7.031	236.862	0.632			6.400	236.230	-3.00	12540.000						6.400	236.230	-3.00	7.703	237.533	1.303
7.448	235.619	0.948			6.400	234.871	-3.00	12640.000						6.400	234.871	-3.00	7.685	236.156	1.285
7.869	234.949	1.089			6.400	233.860	-3.00	126413.935	PTV					6.400	233.860	-3.00	7.625	235.085	1.225
7.740	234.749	1.340			6.400	233.409	-3.00	12740.000						6.400	233.409	-3.00	7.626	234.635	1.226
8.421	233.943	2.022			6.400	231.921	-3.00	12840.000						6.400	231.921	-3.00	8.241	233.762	1.841
8.545	232.578	2.145			6.400	230.433	-3.00	12940.000						6.400	230.433	-3.00	9.195	233.228	2.795
9.749	232.295	3.350			6.400	228.945	-3.00	13040.000						6.400	228.945	-3.00	9.826	232.272	3.427
9.968	231.026	3.568			6.400	227.458	-3.00	13140.000						6.400	227.458	-3.00	10.412	231.470	4.012
10.607	230.176	4.206			6.400	225.970	-3.00	13240.000						6.400	225.970	-3.00	10.622	230.192	4.222
11.264	229.397	4.864			6.400	224.533	-2.20	13340.000						6.400	224.482	-3.00	12.502	230.584	6.022
11.557	228.754	5.157			6.400	223.597	1.15	133415.468	PC					6.400	223.331	-3.00	12.295	229.226	5.895
11.647	228.361	5.247			6.400	223.334	2.00	13440.000						6.400	222.994	-3.00	12.649	229.243	6.249
12.667	227.758	5.868			6.400	221.890	3.00	13540.000						6.400	221.596	-3.00	13.593	228.699	7.193
13.160	227.164	6.760			6.400	220.404	3.00	135419.980						6.400	220.020	-3.00	14.607	228.227	8.207
13.161	227.163	6.761			6.400	220.402	3.00	13640.000						6.400	220.018	-3.00	14.608	228.227	8.209
14.064	226.579	7.664			6.400	218.915	3.00	13740.000						6.400	218.531	-3.00	11.584	223.714	5.183



HASH: 18048515d5070f58bce8b8de53abef15cde25f1929d991d610ebca76d2197. Documento assinado digitalmente, válido em <https://aquissioes.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9G5J-F37W>. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
 HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, RAFAEL DEL GROSSI SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Emitido em 29/09/2025 10:21:47 por AMANDA ARAUJO.



SINFRACAP202586578A



Nota de Serviço de Terraplenagem																							
Rodovia : MT-247																							
Lado Esquerdo												Lado Direito											
Offset						Banqueta						Bordo						Banqueta					
Alarg. (m)	Cota (m)	Alarg. (m)	Cota (m)	Incl. (%)	Alarg. (m)	Alarg. (m)	Cota (m)	Incl. (%)	Alarg. (m)	Cota (m)	Alarg. (m)	Alarg. (m)	Cota (m)	Incl. (%)	Alarg. (m)	Cota (m)	Alarg. (m)	Alarg. (m)	Cota (m)	Incl. (%)	Alarg. (m)	Cota (m)	Alarg. (m)
14,401	225,363	8,001	217,362	1,99	1384+0,000							6,400	217,362	-3,00	217,043	-3,00					10,658	221,301	4,258
14,245	224,820	7,846	216,974	1,15	1384+491							6,400	216,974	-3,00	216,709	-3,00					10,698	221,007	4,298
12,467	221,673	6,067	215,606	-2,20	139+0,000							6,400	215,606	-3,00	215,555	-3,00					10,303	219,458	3,903
10,194	217,861	3,794	214,067	-3,00	140+0,000							6,400	214,067	-3,00	214,067	-3,00					9,886	217,563	3,496
9,184	215,363	2,784	212,579	-3,00	141+0,000							6,400	212,579	-3,00	212,579	-3,00					8,676	214,855	2,276
7,899	212,190	1,099	211,091	-3,00	142+0,000							6,400	211,091	-3,00	211,091	-3,00					7,570	212,261	1,170
7,116	210,320	0,716	209,604	-3,00	143+0,000							6,400	209,604	-3,00	209,604	-3,00					7,423	210,626	1,022
11,117	204,971	-3,145	208,116	-3,00	144+0,000							6,400	208,116	-3,00	208,116	-3,00					6,501	208,217	0,101
12,452	202,993	-4,035	206,628	-3,00	145+0,000							6,400	206,628	-3,00	206,628	-3,00					7,493	205,900	-0,728
11,333	201,851	-3,289	205,140	-3,00	146+0,000							6,400	205,140	-3,00	205,140	-3,00					11,667	201,629	-3,511
11,000	199,985	-3,667	203,652	-3,00	147+0,000							6,400	203,652	-3,00	203,652	-3,00					12,940	199,287	-4,365
12,140	198,338	-3,826	202,164	-3,00	148+0,000							6,400	202,164	-3,00	202,164	-3,00					10,780	199,245	-2,919
11,046	197,580	-3,097	200,677	-3,00	149+0,000							6,400	200,677	-3,00	200,677	-3,00					12,177	196,825	-3,852
11,652	195,888	-3,591	199,189	-3,00	150+0,000							6,400	199,189	-3,00	199,189	-3,00					11,484	195,793	-3,396
10,638	194,875	-2,826	197,701	-3,00	151+0,000							6,400	197,701	-3,00	197,701	-3,00					9,942	195,340	-2,361
9,979	194,069	-2,386	196,455	-3,00	151+36,753	TS						6,400	196,455	-3,00	196,455	-3,00					8,784	194,866	-1,589
9,966	193,816	-2,377	196,213	-3,00	152+0,000							6,400	196,213	-3,00	196,213	-3,00					8,671	194,699	-1,514
10,061	193,434	-2,441	195,875	-2,91	152+4,628							6,400	195,875	-2,91	195,875	-3,00					8,487	194,477	-1,392
9,807	192,744	-2,138	194,882	-1,31	153+0,000							6,400	194,882	-1,31	194,882	-3,00					9,110	192,966	-1,807
9,091	192,019	-1,794	193,813	2,02	154+0,000							6,400	193,813	2,02	193,813	-3,00					9,463	191,450	-2,042
9,019	191,719	-1,746	193,465	2,78	154+6,753	SC						6,400	193,465	2,78	193,465	-3,00					9,640	190,923	-2,160
8,822	191,154	-1,615	192,769	3,20	155+0,000							6,400	192,769	3,20	192,769	-3,00					9,301	190,492	-1,867
8,521	190,398	-1,414	191,812	3,20	156+0,000							6,400	191,812	3,20	191,812	-3,00					7,996	190,338	-1,005
8,392	189,678	-1,328	191,206	3,20	156+44,866							6,400	191,206	3,20	191,206	-3,00					7,495	190,066	-0,740
8,410	189,078	-1,340	191,018	3,20	157+0,000							6,400	191,018	3,20	191,018	-3,00					7,595	189,812	-0,796
8,505	188,382	-1,404	190,386	3,20	158+0,000							6,400	190,386	3,20	190,386	-3,00					7,670	189,129	-0,847
9,152	188,668	-1,835	189,903	2,99	159+0,000							6,400	189,903	2,99	189,903	-3,00					8,886	188,383	-1,123
9,951	187,865	-1,968	189,833	2,78	159+2,979	CS						6,400	189,833	2,78	189,833	-3,00					8,032	188,362	-1,088
10,518	186,980	-2,745	189,425	0,33	160+0,000							6,400	189,425	0,33	189,425	-3,00					8,668	187,700	-1,512
11,792	185,525	-3,568	189,093	-2,60	161+0,000							6,400	189,093	-2,60	189,093	-3,00					8,774	187,484	-1,583
11,769	185,477	-3,579	189,056	-2,98	161+7,821							6,400	189,056	-2,98	189,056	-3,00					9,055	187,285	-1,770
11,711	185,520	-3,540	189,060	-3,00	161+12,979	ST						6,400	189,060	-3,00	189,060	-3,00					9,264	187,151	-1,509
11,584	185,019	-3,456	189,085	-3,00	162+0,000							6,400	189,085	-3,00	189,085	-3,00					9,507	187,014	-2,071



HASH: 18048515d5070f58bce8b8de53abef15cde25f1929d991d610ebca76d2197. Documento assinado digitalmente, válido em https://aquiloeses.splag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9CSJ-F37W. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
 HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, RAFAEL DEL GROSSI SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Unidade em 29/09/2025 10:21:47 por AMANDA ARAUJO.



Nota de Serviço de Terraplenagem																			
Lado Esquerdo										Lado Direito									
Banqueta					Bordo					Banqueta					Bordo				
Alarg. (m)	Cota (m)	Alarg. (m)	Incl. (%)	Cota (m)	Alarg. (m)	Cota (m)	Incl. (%)	Cota (m)	Alarg. (m)	Alarg. (m)	Cota (m)	Incl. (%)	Cota (m)	Alarg. (m)	Alarg. (m)	Cota (m)	Incl. (%)	Cota (m)	Alarg. (m)
11,221	185,898	-3,214		6,400	189,112	-3,00		6,400	189,112	-3,00			6,400	189,112	-3,00			6,400	189,112
11,947	185,519	-3,698		6,400	189,217	-3,00		6,400	189,217	-3,00			6,400	189,217	-3,00			6,400	189,217
11,257	185,596	-3,418		6,400	189,354	-3,00		6,400	189,354	-3,00			6,400	189,354	-3,00			6,400	189,354
10,691	186,629	-2,861		6,400	189,490	-3,00		6,400	189,490	-3,00			6,400	189,490	-3,00			6,400	189,490
9,888	187,302	-2,325		6,400	189,627	-3,00		6,400	189,627	-3,00			6,400	189,627	-3,00			6,400	189,627
9,897	187,699	-2,044		6,400	189,763	-3,00		6,400	189,763	-3,00			6,400	189,763	-3,00			6,400	189,763
9,864	187,991	-1,909		6,400	189,900	-3,00		6,400	189,900	-3,00			6,400	189,900	-3,00			6,400	189,900
8,618	188,537	-1,479		6,400	190,036	-3,00		6,400	190,036	-3,00			6,400	190,036	-3,00			6,400	190,036
8,571	188,614	-1,448		6,400	190,062	-3,00		6,400	190,062	-3,00			6,400	190,062	-3,00			6,400	190,062
8,460	188,799	-1,374		6,400	190,173	-3,00		6,400	190,173	-3,00			6,400	190,173	-3,00			6,400	190,173
8,564	188,936	-1,443		6,400	190,379	-1,91		6,400	190,379	-1,91			6,400	190,379	-1,91			6,400	190,379
8,534	189,104	-1,623		6,400	190,727	1,40		6,400	190,727	1,40			6,400	190,727	1,40			6,400	190,727
8,513	189,660	-1,409		6,400	191,069	4,61		6,400	191,069	4,61			6,400	191,069	4,61			6,400	191,069
8,800	189,652	-1,466		6,400	191,118	4,98		6,400	191,118	4,98			6,400	191,118	4,98			6,400	191,118
8,563	189,554	-1,702		6,400	191,256	5,40		6,400	191,256	5,40			6,400	191,256	5,40			6,400	191,256
8,877	189,742	-1,651		6,400	191,393	5,40		6,400	191,393	5,40			6,400	191,393	5,40			6,400	191,393
8,889	190,304	-1,325		6,400	191,529	5,40		6,400	191,529	5,40			6,400	191,529	5,40			6,400	191,529
7,975	190,615	-1,051		6,400	191,666	5,40		6,400	191,666	5,40			6,400	191,666	5,40			6,400	191,666
7,604	191,133	-0,669		6,400	191,802	5,40		6,400	191,802	5,40			6,400	191,802	5,40			6,400	191,802
7,065	191,495	-0,444		6,400	191,939	5,40		6,400	191,939	5,40			6,400	191,939	5,40			6,400	191,939
7,118	191,494	-0,478		6,400	191,972	5,40		6,400	191,972	5,40			6,400	191,972	5,40			6,400	191,972
7,862	191,101	-0,974		6,400	192,075	5,40		6,400	192,075	5,40			6,400	192,075	5,40			6,400	192,075
8,666	190,701	-1,511		6,400	192,212	5,40		6,400	192,212	5,40			6,400	192,212	5,40			6,400	192,212
9,013	190,606	-1,742		6,400	192,348	5,40		6,400	192,348	5,40			6,400	192,348	5,40			6,400	192,348
9,316	190,594	-1,891		6,400	192,485	5,40		6,400	192,485	5,40			6,400	192,485	5,40			6,400	192,485
9,650	190,654	-2,167		6,400	192,621	5,40		6,400	192,621	5,40			6,400	192,621	5,40			6,400	192,621
9,634	190,598	-2,156		6,400	192,754	5,34		6,400	192,754	5,34			6,400	192,754	5,34			6,400	192,754
9,997	190,611	-2,131		6,400	192,772	4,98		6,400	192,772	4,98			6,400	192,772	4,98			6,400	192,772
9,818	190,465	-2,279		6,400	192,744	3,05		6,400	192,744	3,05			6,400	192,744	3,05			6,400	192,744
9,900	190,731	-1,934		6,400	192,665	-0,32		6,400	192,665	-0,32			6,400	192,665	-0,32			6,400	192,665
9,243	190,744	-1,895		6,400	192,639	-2,85		6,400	192,639	-2,85			6,400	192,639	-2,85			6,400	192,639
9,909	190,827	-1,939		6,400	192,766	-3,00		6,400	192,766	-3,00			6,400	192,766	-3,00			6,400	192,766
9,256	190,904	-1,904		6,400	192,808	-3,00		6,400	192,808	-3,00			6,400	192,808	-3,00			6,400	192,808



HASH: 18048515d5070f58bce8b8d653abef15cde25f1929d991d610ebca76d2197. Documento assinado digitalmente, válido em <https://aquissos.esplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9GCSJ-F37W>. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
 HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, RAFAEL DEL GROSSI SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.



Nota de Serviço de Terraplenagem																			
Rodovia : MT-247																			
Lado Esquerdo										Lado Direito									
Banqueta					Bordo					Banqueta					Bordo				
Alast. (m)	Cota (m)	Altura (m)	Alast. (m)	Cota (m)	Alast. (m)	Cota (m)	Incl. (%)	Cota (m)	Alast. (m)	Alast. (m)	Cota (m)	Incl. (%)	Cota (m)	Alast. (m)	Alast. (m)	Cota (m)	Incl. (%)	Cota (m)	Alast. (m)
9,157	191,065	-1,838			6,400	192,903	-3,00	190+0,000						6,400	192,903	-3,00		191,024	-1,879
9,171	191,192	-1,847			6,400			191+0,000						6,400	193,039	-3,00		191,059	-2,440
9,081	191,888	-1,788			6,400	193,176	-3,00	192+0,000						6,400	193,176	-3,00		190,809	-2,867
9,656	191,142	-2,170			6,400	193,312	-3,00	193+0,000						6,400	193,312	-3,00		191,054	-2,258
9,331	191,562	-1,887			6,400	193,449	-3,00	194+0,000						6,400	193,449	-3,00		191,401	-2,048
9,708	191,880	-2,205			6,400	193,585	-3,00	195+0,000						6,400	193,585	-3,00		191,142	-2,443
9,988	191,723	-1,999			6,400	193,722	-3,00	196+0,000						6,400	193,722	-3,00		190,885	-1,437
9,423	191,843	-2,015			6,400	193,858	-3,00	197+0,000						6,400	193,858	-3,00		191,981	-1,877
8,861	192,288	-1,707			6,400	193,995	-3,00	198+0,000						6,400	193,995	-3,00		192,320	-1,075
8,828	192,513	-1,618			6,400	194,131	-3,00	199+0,000						6,400	194,131	-3,00		192,573	-1,158
8,475	192,885	-1,383			6,400	194,268	-3,00	200+0,000						6,400	194,268	-3,00		192,919	-1,349
8,525	192,888	-1,416			6,400	194,404	-3,00	201+0,000						6,400	194,404	-3,00		192,910	-1,494
7,811	193,600	-0,941			6,400	194,541	-3,00	202+0,000						6,400	194,541	-3,00		193,210	-1,131
6,977	194,392	-0,385			6,400	194,677	-3,00	203+0,000						6,400	194,677	-3,00		193,465	-1,212
6,761	194,510	-0,241			6,400	194,771	-3,00	203+13,702	PCV					6,400	194,771	-3,00		193,835	-0,936
6,759	194,589	-0,226			6,400	194,815	-3,00	204+0,000						6,400	194,815	-3,00		194,011	-0,804
6,443	194,942	-0,029			6,400	194,971	-3,00	205+0,000						6,400	194,971	-3,00		194,442	-0,529
7,059	195,808	0,658			6,400	195,150	-3,00	206+0,000						6,400	195,150	-3,00		195,156	0,046
6,418	195,370	0,018			6,400	195,352	-3,00	207+0,000						6,400	195,352	-3,00		195,174	-0,178
8,219	197,397	1,819			6,400	195,578	-3,00	208+0,000						6,400	195,578	-3,00		195,597	1,019
8,441	197,869	2,042			6,400	195,827	-3,00	209+0,000						6,400	195,827	-3,00		197,115	1,288
8,941	198,341	2,141			6,400	196,100	-3,00	210+0,000						6,400	196,100	-3,00		198,765	2,465
8,700	198,697	2,300			6,400	196,397	-3,00	211+0,000						6,400	196,397	-3,00		199,282	2,885
9,073	199,286	2,673			6,400	196,613	-3,00	211+13,702	PTV					6,400	196,613	-3,00		199,151	2,538
9,048	199,363	2,648			6,400	196,715	-3,00	212+0,000						6,400	196,715	-3,00		199,291	2,576
9,433	200,072	3,033			6,400	197,039	-3,00	213+0,000						6,400	197,039	-3,00		199,725	2,686
9,912	200,375	3,212			6,400	197,363	-3,00	214+0,000						6,400	197,363	-3,00		200,077	2,714
8,786	200,073	2,386			6,400	197,687	-3,00	215+0,000						6,400	197,687	-3,00		200,363	2,676
8,999	200,610	2,599			6,400	198,011	-3,00	216+0,000						6,400	198,011	-3,00		201,113	3,102
9,887	201,122	2,787			6,400	198,335	-3,00	217+0,000						6,400	198,335	-3,00		201,363	3,028
9,660	201,949	3,290			6,400	198,659	-3,00	218+0,000						6,400	198,659	-3,00		201,761	3,102
10,066	202,640	3,657			6,400	198,983	-3,00	219+0,000						6,400	198,983	-3,00		202,083	3,100
10,240	203,147	3,840			6,400	199,307	-3,00	220+0,000						6,400	199,307	-3,00		202,494	3,187



HASH: 18048515d5070f58bce8b8de53abef15cde25f1929d991d610ebca76d2197. Documento assinado digitalmente, válido em https://aquissioes.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9G5J-F37W. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
 HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, RAFAEL DEL GROSSI SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.



Nota de Serviço de Terraplenagem																			
Rodovia : MT-247																			
Lado Esquerdo										Lado Direito									
Banqueta					Bordo					Banqueta					Bordo				
Offet		Alarg. (m)		Altura (m)	Alast. (m)	Cota (m)	Incl. (%)	Estaca	Pontos Notáveis Horizontal	Pontos Notáveis Vertical	Cota Projeto	Cota Terreno	Cota Vermelha	Alast. (m)	Cota (m)	Incl. (%)	Alast. (m)	Cota (m)	Incl. (%)
10,260	203,491	3,859			6,400	199,632	-3,00	221+0,000			199,824	202,833	-2,559	6,400	199,632	-3,00	9,740	202,972	3,340
10,081	203,636	3,680			6,400	199,956	-3,00	222+0,000			200,148	202,747	-2,599	6,400	199,956	-3,00	9,639	203,195	3,239
9,972	203,752	3,472			6,400	200,280	-3,00	223+0,000			200,472	203,043	-2,571	6,400	200,280	-3,00	9,376	203,255	2,975
9,937	204,140	3,536			6,400	200,604	-3,00	224+0,000			200,796	203,302	-2,506	6,400	200,604	-3,00	9,210	203,414	2,810
9,943	204,071	3,143			6,400	200,928	-3,00	225+0,000			201,120	203,406	-2,286	6,400	200,928	-3,00	8,825	203,352	2,424
8,816	203,668	2,416			6,400	201,252	-3,00	226+0,000			201,444	203,390	-1,946	6,400	201,252	-3,00	8,295	203,147	1,895
8,489	203,665	2,089			6,400	201,576	-3,00	227+0,000			201,768	203,380	-1,512	6,400	201,576	-3,00	8,017	203,193	1,617
7,871	203,371	1,471			6,400	201,900	-3,00	228+0,000			202,092	203,000	-0,908	6,400	201,900	-3,00	7,758	203,258	1,358
7,024	202,848	0,624			6,400	202,224	-3,00	229+0,000			202,416	202,796	-0,380	6,400	202,224	-3,00	6,884	202,808	0,584
6,414	202,539	-0,009			6,400	202,548	-3,00	230+0,000			202,740	202,568	0,172	6,400	202,548	-3,00	9,417	202,537	-2,011
6,394	202,609	-0,263			6,400	202,872	-3,00	231+0,000			203,064	202,514	0,550	6,400	202,872	-3,00	10,118	202,393	-2,479
7,125	202,713	-0,483			6,400	203,196	-3,00	232+0,000			203,388	202,639	0,749	6,400	203,196	-3,00	9,891	202,869	-2,327
7,402	202,852	-0,668			6,400	203,520	-3,00	233+0,000			203,712	202,601	1,111	6,400	203,520	-3,00	9,886	201,330	-2,190
7,834	202,888	-0,956			6,400	203,844	-3,00	234+0,000			204,036	202,554	1,482	6,400	203,844	-3,00	8,994	202,115	-1,729
7,538	203,409	-0,759			6,400	204,168	-3,00	235+0,000			204,360	202,724	1,636	6,400	204,168	-3,00	9,484	202,113	-2,055
7,750	203,939	-0,553			6,400	204,492	-3,00	236+0,000			204,684	202,905	1,779	6,400	204,492	-3,00	9,617	202,248	-2,144
8,896	203,312	-1,604			6,400	204,816	-3,00	237+0,000			205,008	203,039	1,969	6,400	204,816	-3,00	9,722	202,602	-2,214
8,216	203,330	-1,210			6,400	205,140	-3,00	238+0,000			205,332	203,143	2,189	6,400	205,140	-3,00	9,888	202,808	-2,232
8,411	204,123	-1,341			6,400	205,464	-3,00	239+0,000			205,656	203,656	2,200	6,400	205,464	-3,00	10,015	203,054	-2,410
8,505	204,385	-1,403			6,400	205,788	-3,00	240+0,000			205,980	203,619	2,361	6,400	205,788	-3,00	9,747	203,557	-2,231
9,184	204,442	-1,856			6,400	205,998	-3,00	240+12,945	PC		206,190	203,803	2,387	6,400	205,998	-3,00	9,810	203,712	-2,286
9,199	204,247	-1,866			6,400	206,113	-3,00	241+0,000			206,305	203,951	2,354	6,400	206,113	-3,00	9,943	203,750	-2,693
8,157	205,088	-1,171			6,400	206,259	-3,00	241+9,066			206,451	204,046	2,405	6,400	206,259	-3,00	9,941	203,899	-2,360
8,173	205,254	-1,183			6,400	206,437	-3,00	242+0,000			206,629	204,191	2,438	6,400	206,437	-3,00	9,835	204,146	-2,291
8,167	205,343	-1,178			6,400	206,521	-3,00	242+5,187	PT		206,713	204,256	2,457	6,400	206,521	-3,00	9,659	204,348	-2,173
8,830	205,274	-1,487			6,400	206,761	-3,00	243+0,000			206,953	204,316	2,437	6,400	206,761	-3,00	9,466	204,717	-2,044
7,980	206,032	-1,053			6,400	207,005	-3,00	244+0,000			207,277	204,266	2,351	6,400	207,005	-3,00	9,145	205,255	-1,830
8,642	205,914	-1,495			6,400	207,409	-3,00	245+0,000			207,601	205,350	2,251	6,400	207,409	-3,00	9,077	205,624	-1,785
8,219	206,520	-1,213			6,400	207,733	-3,00	246+0,000			207,925	205,633	2,292	6,400	207,733	-3,00	8,933	206,044	-1,689
8,415	206,713	-1,344			6,400	208,057	-3,00	247+0,000			208,249	205,864	2,385	6,400	208,057	-3,00	8,977	206,339	-1,718
7,988	207,322	-1,059			6,400	208,381	-3,00	248+0,000			208,573	206,362	2,311	6,400	208,381	-3,00	8,952	206,680	-1,701
8,162	207,530	-1,175			6,400	208,705	-3,00	249+0,000			208,897	206,724	2,173	6,400	208,705	-3,00	8,777	207,121	-1,584
8,203	207,827	-1,202			6,400	209,029	-3,00	250+0,000			209,221	207,945	1,976	6,400	209,029	-3,00	8,657	207,524	-1,505



HASH: 18048515d5070f58ce8b8de53abef15cde25f1929d991d610ebca76d2197. Documento assinado digitalmente, válido em <https://aquissioes.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9GCSJ-F37W>. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, RAFAEL DEL GROSSI SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Emitido em 29/09/2025 10:21:47 por AMANDA ARAUJO.



Nota de Serviço de Terraplenagem																							
Rodovia : MT-247																							
Lado Esquerdo												Lado Direito											
Offset						Banqueta						Bordo						Banqueta					
Alast. (m)	Cota (m)	Altura (m)	Alast. (m)	Cota (m)	Incl. (%)	Alast. (m)	Cota (m)	Incl. (%)	Alast. (m)	Cota (m)	Incl. (%)	Alast. (m)	Cota (m)	Incl. (%)	Alast. (m)	Cota (m)	Incl. (%)	Alast. (m)	Cota (m)	Incl. (%)	Alast. (m)	Cota (m)	Altura (m)
7,656	208,516	-0,837	6,400	209,353	-3,00	251+0,000	209,945	207,617	1,898	6,400	209,353	-3,00	6,400	209,353	-3,00	7,633	208,531	-0,822					
7,843	208,715	-0,962	6,400	209,677	-3,00	252+0,000	209,869	208,058	1,811	6,400	209,677	-3,00	6,400	209,677	-3,00	8,385	208,420	-1,257					
8,354	208,698	-1,303	6,400	210,001	-3,00	253+0,000	210,193	208,513	1,680	6,400	210,001	-3,00	6,400	210,001	-3,00	8,349	208,769	-1,232					
8,024	209,342	-1,083	6,400	210,325	-3,00	254+0,000	210,517	208,933	1,584	6,400	210,325	-3,00	6,400	210,325	-3,00	8,422	208,977	-1,348					
7,564	209,673	-0,776	6,400	210,649	-3,00	255+0,000	210,841	209,187	1,654	6,400	210,649	-3,00	6,400	210,649	-3,00	8,534	209,227	-1,422					
7,736	210,082	-0,891	6,400	210,973	-3,00	256+0,000	211,165	209,493	1,672	6,400	210,973	-3,00	6,400	210,973	-3,00	8,655	209,470	-1,503					
7,823	210,349	-0,948	6,400	211,297	-3,00	257+0,000	211,489	209,752	1,737	6,400	211,297	-3,00	6,400	211,297	-3,00	8,376	209,980	-1,317					
7,689	210,762	-0,859	6,400	211,621	-3,00	258+0,000	211,813	210,009	1,804	6,400	211,621	-3,00	6,400	211,621	-3,00	8,223	210,406	-1,215					
7,662	211,027	-0,842	6,400	211,869	-3,00	258+15,274	212,061	210,197	1,864	6,400	211,869	-3,00	6,400	211,869	-3,00	8,401	210,535	-1,334					
8,027	210,861	-1,085	6,400	211,946	-3,00	259+0,000	212,138	210,318	1,820	6,400	211,946	-3,00	6,400	211,946	-3,00	8,436	210,588	-1,358					
7,872	211,300	-0,981	6,400	212,281	-3,00	260+0,000	212,473	210,555	1,818	6,400	212,281	-3,00	6,400	212,281	-3,00	8,618	210,802	-1,479					
8,085	211,507	-1,124	6,400	212,631	-3,00	261+0,000	212,823	210,883	1,840	6,400	212,631	-3,00	6,400	212,631	-3,00	8,701	211,097	-1,534					
8,132	211,841	-1,155	6,400	212,996	-3,00	262+0,000	213,188	211,410	1,778	6,400	212,996	-3,00	6,400	212,996	-3,00	8,839	211,370	-1,626					
7,938	212,350	-1,025	6,400	213,375	-3,00	263+0,000	213,567	211,894	1,733	6,400	213,375	-3,00	6,400	213,375	-3,00	9,335	211,552	-1,823					
7,843	212,808	-0,962	6,400	213,770	-3,00	264+0,000	213,962	212,339	1,723	6,400	213,770	-3,00	6,400	213,770	-3,00	9,367	211,792	-1,978					
7,892	213,185	-0,994	6,400	214,179	-3,00	265+0,000	214,371	212,674	1,697	6,400	214,179	-3,00	6,400	214,179	-3,00	9,523	212,098	-2,081					
7,944	213,574	-1,030	6,400	214,604	-3,00	266+0,000	214,796	213,091	1,705	6,400	214,604	-3,00	6,400	214,604	-3,00	9,829	212,318	-2,386					
8,030	213,957	-1,086	6,400	215,043	-3,00	267+0,000	215,235	213,404	1,831	6,400	215,043	-3,00	6,400	215,043	-3,00	10,248	212,478	-2,565					
8,328	214,079	-1,418	6,400	215,467	-3,00	268+0,000	215,689	213,919	1,770	6,400	215,467	-3,00	6,400	215,467	-3,00	10,325	212,881	-2,616					
8,157	214,683	-1,171	6,400	215,854	-3,00	268+15,274	216,046	214,392	1,754	6,400	215,854	-3,00	6,400	215,854	-3,00	10,099	213,389	-2,465					
8,035	214,976	-1,090	6,400	215,966	-3,00	269+0,000	216,158	214,408	1,750	6,400	215,966	-3,00	6,400	215,966	-3,00	9,959	213,593	-2,373					
8,068	214,927	-1,512	6,400	216,439	-3,00	270+0,000	216,631	214,898	1,733	6,400	216,439	-3,00	6,400	216,439	-3,00	9,789	214,139	-2,246					
7,936	215,889	-1,023	6,400	216,912	-3,00	271+0,000	217,104	215,316	1,788	6,400	216,912	-3,00	6,400	216,912	-3,00	9,177	215,061	-1,851					
8,008	216,314	-1,071	6,400	217,385	-3,00	272+0,000	217,577	215,618	1,759	6,400	217,385	-3,00	6,400	217,385	-3,00	9,022	215,637	-1,748					
7,701	216,991	-0,868	6,400	217,859	-3,00	273+0,000	218,051	216,216	1,925	6,400	217,859	-3,00	6,400	217,859	-3,00	8,713	216,317	-1,542					
7,553	217,463	-0,769	6,400	218,332	-3,00	274+0,000	218,524	216,793	1,731	6,400	218,332	-3,00	6,400	218,332	-3,00	8,724	216,782	-1,550					
7,596	218,027	-0,798	6,400	218,805	-3,00	275+0,000	218,997	217,532	1,445	6,400	218,805	-3,00	6,400	218,805	-3,00	8,195	217,608	-1,197					
7,737	218,387	-0,891	6,400	219,278	-3,00	276+0,000	219,470	217,822	1,648	6,400	219,278	-3,00	6,400	219,278	-3,00	7,995	218,215	-1,063					
7,106	219,380	-0,471	6,400	219,751	-3,00	277+0,000	219,943	218,306	1,637	6,400	219,751	-3,00	6,400	219,751	-3,00	7,421	219,070	-0,681					
7,736	219,333	-0,891	6,400	220,224	-3,00	278+0,000	220,416	218,915	1,501	6,400	220,224	-3,00	6,400	220,224	-3,00	7,129	219,738	-0,486					
7,174	220,181	-0,516	6,400	220,687	-3,00	279+0,000	220,889	219,515	1,374	6,400	220,687	-3,00	6,400	220,687	-3,00	6,680	220,510	-0,187					
7,130	220,883	-0,487	6,400	221,170	-3,00	280+0,000	221,362	220,015	1,347	6,400	221,170	-3,00	6,400	221,170	-3,00	6,444	221,214	0,044					
6,455	221,606	-0,037	6,400	221,643	-3,00	281+0,000	221,835	220,963	1,272	6,400	221,643	-3,00	6,400	221,643	-3,00	6,418	221,661	0,018					



HASH: 1804851d5070f58bce8b8d653abef15cde25f1929d991d610ebca76d2197. Documento assinado digitalmente, válido em https://aquissioes.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9G5J-F37W. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
 HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, RAFAEL DEL GROSSI SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.



SINFRACAP202586578A



Nota de Serviço de Terraplenagem																			
Rodovia : MT-247																			
Lado Esquerdo										Lado Direito									
Banqueta					Bordo					Banqueta					Bordo				
Alast. (m)	Cota (m)	Altura (m)	Alast. (m)	Cota (m)	Alast. (m)	Incl. (%)	Cota (m)	Incl. (%)	Alast. (m)	Alast. (m)	Cota (m)	Incl. (%)	Cota (m)	Alast. (m)	Alast. (m)	Cota (m)	Incl. (%)	Alast. (m)	Alast. (m)
7,055	221,880	-0,436		6,400	221,116	-3,00	28240,000		222,308	221,693	1,139		6,400	222,116	-3,00	222,118	0,002		
6,722	222,374	-0,215		6,400			28340,000		222,781	221,664	1,117		6,400	222,589	-3,00	6,484	222,527	-0,062	
6,469	223,331	0,069		6,400	223,062	-3,00	28440,000		223,254	222,897	0,957		6,400	223,062	-3,00	6,555	222,959	-0,103	
6,592	223,180	-0,355		6,400	223,535	-3,00	28540,000		223,727	222,873	0,854		6,400	223,535	-3,00	6,703	223,838	0,303	
6,608	224,216	0,208		6,400	224,008	-3,00	28640,000		224,200	223,897	0,803		6,400	224,008	-3,00	7,143	225,513	-0,495	
6,848	224,930	0,448		6,400	224,482	-3,00	28740,000		224,674	223,937	0,737		6,400	224,482	-3,00	6,891	224,572	0,090	
6,608	225,163	0,208		6,400	224,955	-3,00	28840,000		225,147	224,883	0,764		6,400	224,955	-3,00	6,621	225,176	0,221	
6,670	225,497	0,069		6,400	225,428	-3,00	28940,000		225,620	225,024	0,596		6,400	225,428	-3,00	6,424	225,451	0,023	
6,824	225,618	-0,283		6,400	225,901	-3,00	29040,000		226,093	225,443	0,650		6,400	225,901	-3,00	6,817	225,623	-0,278	
6,584	226,557	0,183		6,400	226,374	-3,00	29140,000		226,566	225,940	0,626		6,400	226,374	-3,00	6,488	226,308	-0,066	
6,739	226,941	0,339		6,400	226,602	-3,00	29194,651	PCV	226,794	226,106	0,688		6,400	226,602	-3,00	6,835	226,312	-0,290	
6,574	227,004	0,174		6,400	226,830	-3,00	29240,000		227,022	226,323	0,699		6,400	226,830	-3,00	6,696	226,633	-0,197	
6,623	227,399	0,223		6,400	227,176	-3,00	29340,000		227,368	226,715	0,653		6,400	227,176	-3,00	6,301	227,108	-0,068	
6,910	227,056	-0,340		6,400	227,396	-3,00	29440,000		227,588	226,970	0,618		6,400	227,396	-3,00	6,894	227,106	-0,290	
6,697	227,426	-0,065		6,400	227,491	-3,00	29540,000		227,683	227,058	0,625		6,400	227,491	-3,00	6,622	227,343	-0,148	
7,619	226,682	-0,813		6,400	227,495	-3,00	29545,123		227,687	227,061	0,626		6,400	227,495	-3,00	6,847	227,330	-0,165	
7,378	226,808	-0,652		6,400	227,460	-3,00	29640,000		227,652	227,089	0,563		6,400	227,460	-3,00	6,681	227,272	-0,188	
6,767	227,073	-0,244		6,400	227,317	-2,80	29740,000		227,496	227,061	0,435		6,400	227,317	-2,80	6,636	227,146	-0,158	
7,337	226,627	-0,624		6,400	227,251	-1,65	29740,995	TS	227,357	226,818	0,539		6,400	227,251	-1,65	6,658	226,993	-0,172	
7,906	226,300	-1,004		6,400	227,204	-0,17	29840,000		227,215	226,665	0,550		6,400	227,204	-0,17	6,643	226,861	-0,162	
7,577	226,216	-0,785		6,400	227,011	3,17	29940,000		226,808	226,194	0,614		6,400	226,808	-3,50	6,830	226,297	-0,287	
7,540	226,064	-0,760		6,400	226,824	4,58	29940,995	SC	226,531	225,919	0,602		6,400	226,824	-4,58	6,478	226,316	0,078	
7,819	225,650	-0,946		6,400	226,596	5,00	30040,000		226,276	225,668	0,608		6,400	226,596	-5,00	6,789	226,345	0,389	
7,338	225,313	-0,626		6,400	225,989	5,00	30140,000		225,619	224,668	0,951		6,400	225,989	-5,00	6,509	225,226	-0,073	
7,482	225,135	-0,721		6,400	225,856	5,00	30142,286		225,536	224,535	1,001		6,400	225,856	-5,00	6,551	225,115	-0,101	
7,707	224,705	-0,872		6,400	225,577	5,00	30149,651	PTV	225,257	224,381	0,876		6,400	225,577	-5,00	6,402	224,935	-0,002	
7,513	224,430	-0,743		6,400	225,173	5,00	30240,000		224,853	224,144	0,709		6,400	225,173	-5,00	6,985	225,118	0,985	
6,849	224,317	-0,299		6,400	224,616	4,58	30243,577	CS	224,323	223,887	0,636		6,400	224,616	-4,58	6,995	224,624	0,995	
6,564	224,111	-0,109		6,400	224,320	3,88	30340,000		224,072	223,449	0,623		6,400	224,320	-3,88	6,948	224,363	0,548	
6,908	222,991	-0,339		6,400	223,320	0,60	30440,000		223,292	222,895	0,707		6,400	223,320	-0,60	6,720	223,419	0,319	
6,996	222,992	-0,064		6,400	222,656	-1,65	30443,577	ST	222,762	221,951	0,811		6,400	222,992	-1,65	6,596	222,439	-0,131	
6,403	222,357	0,002		6,400	222,355	-2,44	30540,000		222,511	221,677	0,834		6,400	222,357	-2,44	6,666	222,585	0,266	
7,525	221,221	-0,549		6,400	221,770	-3,00	30544,057		221,982	221,122	0,840		6,400	221,770	-3,00	6,509	221,880	0,110	



HASH: 1804851d5070f58bce8b8d653abef15c4e25f1929d991d610ebca76d2197. Documento assinado digitalmente, válido em https://aquissos.esplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9GCSJ-F37W. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
 HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, RAFAEL DEL GROSSI SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.



Nota de Serviço de Terraplenagem																			
Rodovia : MT-247																			
Lado Esquerdo										Lado Direito									
Banqueta					Bordo					Banqueta					Bordo				
Alarg. (m)	Cota (m)	Alarg. (m)	Incl. (%)	Cota (m)	Alarg. (m)	Cota (m)	Incl. (%)	Cota (m)	Alarg. (m)	Alarg. (m)	Cota (m)	Incl. (%)	Cota (m)	Alarg. (m)	Alarg. (m)	Cota (m)	Incl. (%)	Cota (m)	Alarg. (m)
6,900	221,616	0,091		6,400	221,545	-3,00		306+0,000		6,400	221,545	-3,00		6,400	221,545	-3,00		221,601	0,056
7,249	220,324	-0,566		6,400	220,890	-3,00		307+0,000		6,400	220,890	-3,00		6,400	220,890	-3,00		220,694	-0,196
7,716	219,906	-0,885		6,400	220,391	-3,00		308+0,000		6,400	220,391	-3,00		6,400	220,391	-3,00		219,905	-0,086
7,693	219,320	-0,728		6,400	220,048	-3,00		309+0,000		6,400	220,048	-3,00		6,400	220,048	-3,00		219,627	-0,421
9,267	217,951	-1,911		6,400	219,862	-3,00		310+0,000		6,400	219,862	-3,00		6,400	219,862	-3,00		217,984	-1,278
14,099	214,693	-5,132		6,400	219,825	-3,00		310+13,724		6,400	218,675	1,342		6,400	219,825	-3,00		218,062	-1,763
16,379	213,180	-6,653		6,400	219,833	-3,00		311+0,000		6,400	218,594	1,431		6,400	219,833	-3,00		217,821	-2,012
12,497	215,896	-4,685		6,400	219,961	-3,00		312+0,000		6,400	218,859	1,294		6,400	219,961	-3,00		219,158	-0,893
12,249	216,945	-3,900		6,400	220,245	-3,00		313+0,000		6,400	219,103	1,334		6,400	220,245	-3,00		219,111	-1,134
11,028	217,600	-3,085		6,400	220,685	-3,00		314+0,000		6,400	219,702	1,175		6,400	220,685	-3,00		219,967	-0,718
7,688	220,330	-0,859		6,400	221,089	-3,00		314+14,057	PTV	6,400	220,239	1,052		6,400	221,089	-3,00		220,372	-0,717
7,335	220,652	-0,624		6,400	221,276	-3,00		315+0,000		6,400	221,468	220,311	0,957	6,400	221,276	-3,00		220,835	-0,441
7,087	221,441	-0,464		6,400	221,905	-3,00		316+0,000		6,400	222,097	221,336	0,761	6,400	221,905	-3,00		221,896	-0,007
6,660	222,794	0,260		6,400	223,534	-3,00		317+0,000		6,400	222,726	222,096	0,690	6,400	223,534	-3,00		223,796	1,262
7,229	223,993	0,830		6,400	223,163	-3,00		318+0,000		6,400	223,355	222,885	0,670	6,400	223,163	-3,00		225,037	1,674
7,327	224,719	0,927		6,400	223,792	-3,00		319+0,000		6,400	223,984	223,580	0,404	6,400	223,792	-3,00		225,996	2,204
7,265	225,186	0,865		6,400	224,321	-3,00		319+16,796	PCV	6,400	224,513	224,335	0,278	6,400	224,321	-3,00		225,033	0,712
7,197	225,718	0,797		6,400	224,421	-3,00		320+0,000		6,400	224,613	224,324	0,289	6,400	224,421	-3,00		225,451	1,030
7,144	226,754	0,744		6,400	225,000	-3,00		321+0,000		6,400	225,202	224,877	0,325	6,400	225,000	-3,00		226,354	1,344
7,157	224,901	-0,638		6,400	225,539	-3,00		322+0,000		6,400	225,731	225,342	0,489	6,400	225,539	-3,00		226,617	1,078
7,751	225,107	-0,901		6,400	226,008	-3,00		323+0,000		6,400	226,200	225,612	0,588	6,400	226,008	-3,00		226,566	0,158
6,948	226,051	-0,365		6,400	226,416	-3,00		324+0,000		6,400	226,608	225,917	0,691	6,400	226,416	-3,00		226,768	0,352
7,262	226,190	-0,575		6,400	226,765	-3,00		325+0,000		6,400	226,957	226,283	0,674	6,400	226,765	-3,00		226,848	0,083
7,598	226,254	-0,799		6,400	227,053	-3,00		326+0,000		6,400	227,245	226,633	0,612	6,400	227,053	-3,00		227,378	0,325
7,120	226,800	-0,480		6,400	227,280	-3,00		327+0,000		6,400	227,472	226,843	0,629	6,400	227,280	-3,00		227,234	-0,046
6,505	227,553	0,105		6,400	227,448	-3,00		328+0,000		6,400	227,640	227,157	0,483	6,400	227,448	-3,00		228,670	1,222
6,463	227,513	-0,042		6,400	227,555	-3,00		329+0,000		6,400	227,747	227,460	0,287	6,400	227,555	-3,00		228,413	0,858
6,765	227,588	-0,244		6,400	227,602	-3,00		330+0,000		6,400	227,794	227,700	0,094	6,400	227,602	-3,00		228,035	0,433
6,561	227,497	-0,107		6,400	227,604	-3,00		330+5,535		6,400	227,796	227,693	0,103	6,400	227,604	-3,00		228,193	0,589
6,622	227,810	0,222		6,400	227,588	-3,00		331+0,000		6,400	227,780	227,682	0,198	6,400	227,588	-3,00		228,190	0,602
8,291	226,864	-1,261		6,400	227,525	-3,00		331+17,944	TS	6,400	227,717	227,502	0,215	6,400	227,525	-3,00		227,412	-0,150
8,590	226,054	-1,460		6,400	227,534	-3,00		332+0,000		6,400	227,706	227,481	0,215	6,400	227,534	-3,00		227,400	-0,166
9,481	225,422	-2,054		6,400	227,476	-3,00		332+6,796	PTV	6,400	227,668	227,456	0,212	6,400	227,476	-3,00		227,390	-0,201



HASH: 1804851d5070f58bce8b8de53abef15cde25f1929d991d610ebca76d2197. Documento assinado digitalmente, válido em https://aquissioes.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9G5J-F37W. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
 HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, RAFAEL DEL GROSSI SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.



Nota de Serviço de Terraplenagem																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Rodovia : MT-247																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Lado Esquerdo										Lado Direto																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
Banqueta					Bordo					Estaca					Pontos Notáveis					Eixo					Banqueta					Bordo					Alinh.					Cota																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Offset		Altura (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)		Incl. (%)		Alast. (m)		Cota (m)</	



HASH: 1804851d5070f58bce8b8de53abef15cde25f1929d991d610ebca76d2197. Documento assinado digitalmente, válido em https://aquissos.esplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9G5J-F37W. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, RAFAEL DEL GROSSI SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Unidato em 29/09/2025 10:21:47 por AMANDA ARAUJO.



SINFRACAP202586578A



Nota de Serviço de Terraplenagem																			
Lado Esquerdo										Lado Direito									
Banqueta					Bordo					Banqueta					Bordo				
Alarg. (m)	Cota (m)	Altura (m)	Incl. (%)	Cota (m)	Alarg. (m)	Cota (m)	Incl. (%)	Cota (m)	Alarg. (m)	Alarg. (m)	Cota (m)	Incl. (%)	Cota (m)	Alarg. (m)	Alarg. (m)	Cota (m)	Incl. (%)	Cota (m)	Alarg. (m)
8,892	219,096	-1,662		6,400	220,758	-3,00	35740,000	219,382	1,668	6,400	220,758	-3,00		8,803	219,656	-1,102			
8,250	220,129	-1,233		6,400	221,362	-3,00	35840,000	220,130	1,424	6,400	221,362	-3,00		7,330	220,742	-0,620			
6,667	221,788	-0,179		6,400	221,967	-3,00	35940,000	221,111	1,048	6,400	221,967	-3,00		7,654	221,531	-0,456			
6,594	223,055	0,534		6,400	222,571	-3,00	36040,000	222,060	0,703	6,400	222,571	-3,00		6,470	222,642	0,071			
7,718	223,994	0,818		6,400	223,176	-3,00	36140,000	222,810	0,538	6,400	223,176	-3,00		6,896	222,845	-0,331			
7,749	225,130	1,350		6,400	223,790	-3,00	36240,000	223,972	0,018	6,400	223,790	-3,00		6,793	224,163	0,383			
7,927	225,912	1,527		6,400	224,385	-3,00	36340,000	224,577	-0,378	6,400	224,385	-3,00		8,627	226,612	2,227			
7,862	226,452	1,463		6,400	224,989	-3,00	36440,000	225,181	-0,545	6,400	224,989	-3,00		8,428	227,018	2,029			
7,560	226,754	1,160		6,400	225,594	-3,00	36540,000	225,786	-0,473	6,400	225,594	-3,00		8,078	227,272	1,678			
7,128	226,926	0,727		6,400	226,199	-3,00	36640,000	226,391	-0,389	6,400	226,199	-3,00		7,709	227,507	1,308			
6,534	227,037	0,234		6,400	226,803	-3,00	36740,000	227,047	-0,052	6,400	226,803	-3,00		7,597	228,000	1,197			
8,094	226,278	-1,130		6,400	227,408	-3,00	36840,000	227,600	0,296	6,400	227,408	-3,00		6,857	227,865	0,457			
7,672	227,031	-0,981		6,400	228,012	-3,00	36940,000	228,204	0,182	6,400	228,012	-3,00		6,630	228,242	0,230			
8,365	227,773	-1,244		6,400	228,617	-3,00	37040,000	228,809	1,063	6,400	228,617	-3,00		6,702	228,415	-0,202			
8,326	227,938	-1,284		6,400	229,222	-2,98	37140,000	229,413	1,362	6,400	229,221	-3,00		7,773	228,640	-0,381			
8,866	227,844	-1,604		6,400	229,448	-2,68	37146,835	229,620	1,466	6,400	229,428	-3,00		7,795	228,831	-0,397			
8,833	227,839	-1,622		6,400	229,461	-2,66	37177,185	229,631	1,471	6,400	229,439	-3,00		7,790	228,845	-0,394			
8,643	228,451	-1,496		6,400	229,947	-1,03	37240,000	230,012	1,600	6,400	229,920	-3,00		8,441	228,660	-1,160			
8,736	229,177	-1,557		6,400	230,734	2,29	37340,000	230,888	1,789	6,400	230,737	-3,14		7,606	229,583	-0,804			
9,568	229,382	-2,112		6,400	231,494	5,58	37440,000	231,137	1,953	6,400	230,780	-5,58		7,867	229,736	-1,044			
9,941	229,443	-2,294		6,400	231,737	6,39	37447,185	231,328	2,043	6,400	230,920	-6,39		7,954	229,884	-1,096			
9,908	229,758	-2,338		6,400	232,096	6,80	37540,000	231,661	2,158	6,400	231,276	-6,80		8,300	229,960	-1,266			
9,480	230,342	-2,053		6,400	232,595	6,80	37640,000	232,160	2,300	6,400	231,725	-6,80		8,438	230,366	-1,359			
9,325	231,118	-1,950		6,400	233,068	6,80	37740,000	232,633	2,506	6,400	232,198	-6,80		8,301	230,930	-1,268			
9,908	231,777	-1,939		6,400	233,516	6,80	37840,000	233,081	1,929	6,400	232,646	-6,80		8,054	231,543	-1,103			
9,908	231,382	-1,938		6,400	233,520	6,80	37840,206	233,085	1,929	6,400	232,650	-6,80		8,050	231,550	-1,100			
9,800	232,018	-1,920		6,400	233,998	6,80	37940,000	233,503	1,773	6,400	233,068	-6,80		8,234	231,845	-1,223			
8,657	232,810	-1,505		6,400	234,335	6,80	38040,000	233,900	1,367	6,400	233,464	-6,80		7,690	232,604	-0,860			
8,259	233,467	-1,239		6,400	234,706	6,80	38140,000	234,271	1,041	6,400	233,836	-6,80		7,452	233,134	-0,702			
7,930	233,891	-1,020		6,400	234,911	6,39	38143,216	234,502	0,706	6,400	234,094	-6,39		7,365	233,451	-0,643			
7,797	234,046	-0,931		6,400	234,977	5,63	38240,000	234,617	0,617	6,400	234,256	-5,63		7,177	233,738	-0,518			
6,460	235,148	0,000		6,400	235,088	2,36	38340,000	234,937	0,308	6,400	234,735	-3,16		6,710	234,528	-0,207			
7,065	235,816	0,665		6,400	235,171	-0,96	38440,000	235,232	-0,234	6,400	235,040	-3,00		6,722	235,362	0,322			



HASH: 18048515d5070f58bce8b8de53abef15cde25f1929d991d610ebca76d2197. Documento assinado digitalmente, válido em <https://aquisocees.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9G5J-F37W>. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
 HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOARES em 11/09/2025, RAFAEL DEL GROSSI SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Emitido em 29/09/2025 10:21:47 por AMANDA ARAUJO.



Nota de Serviço de Terraplenagem																			
Rodovia : MT-247																			
Lado Esquerdo										Lado Direito									
Banqueta					Bordo					Banqueta					Bordo				
Alast. (m)	Cota (m)	Altura (m)	Alast. (m)	Incl. (%)	Cota (m)	Alast. (m)	Incl. (%)	Cota (m)	Alast. (m)	Alast. (m)	Incl. (%)	Cota (m)	Alast. (m)	Incl. (%)	Cota (m)	Alast. (m)	Incl. (%)	Cota (m)	Alast. (m)
7,520	236,363	1,120			6,400	235,243	-2,66	384+13,226	235,413	235,659	-0,446	6,400	235,221	-3,00	7,530	236,351	1,130		
7,731	236,642	1,331			6,400	235,521	-2,98	385+0,000	235,501	236,115	-0,614	6,400	235,309	-3,00	7,765	236,674	1,365		
7,943	237,097	1,544			6,400	235,553	-3,00	386+0,000	235,745	236,721	-0,976	6,400	235,553	-3,00	8,206	237,359	1,806		
7,907	237,137	1,506			6,400	235,631	-3,00	386+6,835	235,823	236,886	-1,063	6,400	235,631	-3,00	8,229	237,460	1,829		
8,352	237,729	1,952			6,400	235,777	-3,00	387+0,000	235,969	237,297	-1,328	6,400	235,777	-3,00	9,253	238,630	2,853		
8,718	238,318	2,319			6,400	235,999	-3,00	388+0,000	236,191	237,789	-1,598	6,400	235,999	-3,00	9,901	239,101	3,102		
8,708	238,330	2,308			6,400	236,222	-3,00	389+0,000	236,414	238,091	-1,677	6,400	236,222	-3,00	9,658	239,479	3,257		
8,209	238,253	1,809			6,400	236,444	-3,00	390+0,000	236,636	238,191	-1,755	6,400	236,444	-3,00	9,487	239,531	3,087		
8,772	238,419	1,772			6,400	236,667	-3,00	391+0,000	236,859	238,610	-1,751	6,400	236,667	-3,00	9,026	239,292	2,625		
8,229	238,718	1,829			6,400	236,889	-3,00	392+0,000	237,081	238,386	-1,505	6,400	236,889	-3,00	8,667	239,156	2,267		
7,894	238,006	0,994			6,400	237,112	-3,00	393+0,000	237,304	238,773	-0,969	6,400	237,112	-3,00	8,439	239,150	2,038		
6,761	237,695	0,361			6,400	237,334	-3,00	394+0,000	237,526	237,813	-0,387	6,400	237,334	-3,00	7,385	238,319	0,985		
6,688	237,364	-0,192			6,400	237,556	-3,00	395+0,000	237,748	237,546	0,202	6,400	237,556	-3,00	6,760	237,916	0,360		
7,746	236,882	-0,897			6,400	237,779	-3,00	396+0,000	237,971	237,735	0,236	6,400	237,779	-3,00	6,773	237,530	-0,249		
8,219	236,789	-1,212			6,400	238,001	-3,00	397+0,000	238,193	236,940	1,253	6,400	238,001	-3,00	7,524	236,986	-1,015		
9,083	236,435	-1,789			6,400	238,224	-3,00	398+0,000	238,416	236,669	1,747	6,400	238,224	-3,00	9,857	235,919	-2,505		
10,477	235,728	-2,718			6,400	238,446	-3,00	399+0,000	238,638	236,428	2,210	6,400	238,446	-3,00	10,752	235,545	-2,901		
9,913	236,327	-2,342			6,400	238,669	-3,00	400+0,000	238,861	236,394	2,467	6,400	238,669	-3,00	10,559	235,856	-2,773		
9,925	236,808	-2,083			6,400	238,891	-3,00	401+0,000	239,083	236,929	2,154	6,400	238,891	-3,00	9,960	236,518	-2,273		
9,311	237,160	-1,953			6,400	239,113	-3,00	402+0,000	239,305	237,440	1,865	6,400	239,113	-3,00	9,042	237,352	-1,761		
8,984	237,613	-1,723			6,400	239,336	-3,00	403+0,000	239,528	238,009	1,519	6,400	239,336	-3,00	8,015	238,259	-1,077		
8,712	238,017	-1,541			6,400	239,558	-3,00	404+0,000	239,750	238,670	1,080	6,400	239,558	-3,00	6,976	239,375	-0,183		
7,683	238,926	-0,855			6,400	239,781	-3,00	405+0,000	239,973	239,166	0,807	6,400	239,781	-3,00	6,584	239,965	0,184		
7,102	239,535	-0,468			6,400	240,003	-3,00	406+0,000	240,195	239,668	0,527	6,400	240,003	-3,00	6,601	240,204	0,201		
6,714	240,017	-0,209			6,400	240,226	-3,00	407+0,000	240,418	240,120	0,298	6,400	240,226	-3,00	7,142	240,988	0,742		
6,697	240,383	-0,065			6,400	240,448	-3,00	408+0,000	240,640	240,667	-0,027	6,400	240,448	-3,00	7,451	241,499	1,051		
6,659	240,730	0,059			6,400	240,671	-3,00	409+0,000	240,863	240,849	0,014	6,400	240,671	-3,00	7,861	241,631	0,960		
6,634	240,927	0,034			6,400	240,893	-3,00	410+0,000	241,085	241,157	-0,072	6,400	240,893	-3,00	7,516	242,009	1,116		
6,413	241,107	-0,008			6,400	241,115	-3,00	411+0,000	241,307	241,309	-0,002	6,400	241,115	-3,00	6,721	241,436	0,321		
6,678	241,019	-0,319			6,400	241,338	-3,00	412+0,000	241,530	241,893	0,147	6,400	241,338	-3,00	7,454	240,635	-0,703		
7,889	240,568	-0,592			6,400	241,560	-3,00	413+0,000	241,752	241,604	0,348	6,400	241,560	-3,00	8,816	239,950	-1,610		
7,251	241,216	-0,567			6,400	241,783	-3,00	414+0,000	241,975	241,417	0,558	6,400	241,783	-3,00	9,246	239,886	-1,897		
7,134	241,516	-0,489			6,400	242,005	-3,00	415+0,000	242,197	241,855	0,342	6,400	242,005	-3,00	9,015	240,261	-1,744		



HASH: 18048515d5070f58bce8b8d653abef15cde25f1929d991d610ebca7f6d2197. Documento assinado digitalmente, válido em <https://aquissioes.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9G5J-F37W>. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
 HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.



6.0 - NOTAS DE SERVIÇO DE PAVIMENTO ACABADO (PAVIMENTAÇÃO)



HASH: 18048515d5070f58bce8b8de53abef15cde25f1929d991d610ebcd76d2197. Documento assinado digitalmente, valide em <https://aquissicoes.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LGZ9-9CSJ-F37W>. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.



Nota de Serviço de Pavimento Acabado																
Rodovia : MT-247																
Lado Esquerdo							Eixo			Lado Direito						
Offset	Bordo Acostamento		Bordo Semi-Pista		Estaca	Pontos Notáveis Horizontal	Pontos Notáveis Vertical	Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Semi-Pista		Incl. (%)	Bordo Acostamento		Offset
	Alast. (m)	Cota (m)	Alast. (m)	Cota (m)							Alast. (m)	Cota (m)		Alast. (m)	Cota (m)	
Rodovia : MT-247																
		5,000	205,261	3,500	205,306	-3,00	0+0,000		205,411	0,000	3,500	205,306	-3,00	5,000	205,261	
		5,000	205,219	3,500	205,264	-3,00	1+0,000		205,369	0,001	3,500	205,264	-3,00	5,000	205,219	
		5,000	205,213	3,500	205,258	-3,00	1+2,755		205,363	0,000	3,500	205,258	-3,00	5,000	205,213	
		5,000	205,139	3,500	205,184	-3,00	2+0,000		205,289	-0,034	3,500	205,184	-3,00	5,000	205,139	
		5,000	204,958	3,500	205,003	-3,00	3+0,000		205,108	0,027	3,500	205,003	-3,00	5,000	204,958	
		5,000	204,675	3,500	204,720	-3,00	4+0,000		204,825	0,051	3,500	204,720	-3,00	5,000	204,675	
		5,000	204,289	3,500	204,334	-3,00	5+0,000		204,439	-0,026	3,500	204,334	-3,00	5,000	204,289	
		5,000	203,802	3,500	203,847	-3,00	6+0,000		203,952	0,099	3,500	203,847	-3,00	5,000	203,802	
		5,000	203,212	3,500	203,257	-3,00	7+0,000		203,362	0,068	3,500	203,257	-3,00	5,000	203,212	
		5,000	202,520	3,500	202,565	-3,00	8+0,000		202,670	0,062	3,500	202,565	-3,00	5,000	202,520	
		5,000	202,416	3,500	202,461	-3,00	8+2,755		202,566	0,062	3,500	202,461	-3,00	5,000	202,416	
		5,000	201,991	3,500	202,036	-3,00	8+13,987	PC	202,141	0,063	3,500	202,036	-3,00	5,000	201,991	
		5,000	201,763	3,500	201,808	-3,00	9+0,000		201,913	0,051	3,500	201,808	-3,00	5,000	201,763	
		5,000	201,006	3,500	201,051	-3,00	10+0,000		201,156	0,003	3,500	201,051	-3,00	5,000	201,006	
		5,000	200,334	3,500	200,379	-3,00	10+17,757		200,484	-0,146	3,500	200,379	-3,00	5,000	200,334	
		5,000	200,249	3,500	200,294	-3,00	11+0,000		200,399	-0,166	3,500	200,294	-3,00	5,000	200,249	
		5,000	199,491	3,500	199,536	-3,00	12+0,000		199,641	-0,131	3,500	199,536	-3,00	5,000	199,491	
		5,000	198,734	3,500	198,779	-3,00	13+0,000		198,884	0,151	3,500	198,779	-3,00	5,000	198,734	
		5,000	198,676	3,500	198,721	-3,00	13+1,527	PT	198,826	0,177	3,500	198,721	-3,00	5,000	198,676	
		5,000	197,987	3,500	198,032	-3,00	13+19,720		198,137	0,527	3,500	198,032	-3,00	5,000	197,987	
		5,000	197,977	3,500	198,022	-3,00	14+0,000		198,127	0,533	3,500	198,022	-3,00	5,000	197,977	
		5,000	197,314	3,500	197,359	-3,00	15+0,000		197,464	0,860	3,500	197,359	-3,00	5,000	197,314	
		5,000	196,836	3,500	196,881	-3,00	16+0,000		196,986	1,094	3,500	196,881	-3,00	5,000	196,836	
		5,000	196,543	3,500	196,588	-3,00	17+0,000		196,693	1,129	3,500	196,588	-3,00	5,000	196,543	
		5,000	196,435	3,500	196,480	-3,00	17+19,720		196,585	1,255	3,500	196,480	-3,00	5,000	196,435	
		5,000	196,424	3,500	196,470	-3,00	18+0,000		196,578	1,268	3,500	196,470	-3,00	5,000	196,424	



HASH: 18048515d5070f58bce8b8de53abef15cde25f1929d991d610ebca76d2197. Documento assinado digitalmente, válido em https://arquivos.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9G5J-F37W. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
· HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, RAFAEL DEL GROSSI SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Emitido em 29/09/2025 10:21:47 por AMANDA ARAUJO.



Nota de Serviço de Pavimento Acabado																			
Lado Esquerdo										Lado Direito									
Rodovia : MT-247										Eixo									
Offset	Bordo Acostamento				Bordo Semi-Pista				Estrada	Pontos Notáveis Horizontal	Pontos Notáveis Vertical	Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Acostamento				Offset
	Alast. (m)	Cota (m)	Alast. (m)	Cota (m)	Alast. (m)	Cota (m)	Incl. (%)								Alast. (m)	Cota (m)	Incl. (%)	Cota (m)	
			5,000	202,304	3,500	202,449	-3,00	43+0,000				202,454	202,155	0,299	3,500	202,349	-3,00	5,000	202,304
			5,000	202,585	3,500	202,630	-3,00	44+0,000				202,735	202,016	0,719	3,500	202,630	-3,00	5,000	202,585
			5,000	202,866	3,500	202,911	-3,00	45+0,000				203,016	201,953	1,063	3,500	202,911	-3,00	5,000	202,866
			5,000	203,148	3,500	203,193	-3,00	46+0,000				203,298	201,901	1,397	3,500	203,193	-3,00	5,000	203,148
			5,000	203,410	3,500	203,455	-3,00	46+18,645		PCV		203,560	202,006	1,554	3,500	203,455	-3,00	5,000	203,410
			5,000	203,429	3,500	203,474	-3,00	47+0,000				203,579	202,027	1,552	3,500	203,474	-3,00	5,000	203,429
			5,000	203,735	3,500	203,780	-3,00	48+0,000				203,885	202,362	1,523	3,500	203,780	-3,00	5,000	203,735
			5,000	204,085	3,500	204,130	-3,00	49+0,000				204,235	202,561	1,674	3,500	204,130	-3,00	5,000	204,085
			5,000	204,478	3,500	204,523	-3,00	50+0,000				204,628	202,808	1,820	3,500	204,523	-3,00	5,000	204,478
			5,000	204,592	3,500	204,637	-3,00	50+5,441		TS		204,742	202,886	1,856	3,500	204,637	-3,00	5,000	204,592
			5,000	204,914	3,500	204,959	-3,00	51+0,000				205,064	203,122	1,942	3,500	204,959	-3,00	5,000	204,914
			5,000	205,394	3,500	205,439	-3,00	52+0,000				205,544	203,834	1,710	3,500	205,445	-2,82	5,000	205,403
			5,000	205,917	3,500	205,962	-3,00	53+0,000				206,067	204,572	1,495	3,500	206,059	-0,24	5,000	206,055
			5,000	206,480	3,500	206,526	-3,09	54+0,000				206,634	205,360	1,274	3,500	206,739	3,01	5,000	206,785
			5,000	206,596	3,500	206,656	-4,00	54+5,441		SC		206,796	205,584	1,212	3,500	206,921	3,58	5,000	206,975
			5,000	207,045	3,500	207,105	-4,00	55+0,000				207,245	206,173	1,072	3,500	207,385	4,00	5,000	207,445
			5,000	207,653	3,500	207,713	-4,00	55+18,645		PTV		207,853	207,025	0,828	3,500	207,993	4,00	5,000	208,053
			5,000	207,698	3,500	207,758	-4,00	56+0,000				207,898	207,085	0,813	3,500	208,038	4,00	5,000	208,098
			5,000	208,371	3,500	208,431	-4,00	57+0,000				208,571	208,033	0,538	3,500	208,711	4,00	5,000	208,771
			5,000	209,044	3,500	209,104	-4,00	58+0,000				209,244	209,283	-0,039	3,500	209,384	4,00	5,000	209,444
			5,000	209,716	3,500	209,776	-4,00	59+0,000				209,916	210,428	-0,512	3,500	210,056	4,00	5,000	210,116
			5,000	210,389	3,500	210,449	-4,00	60+0,000				210,589	211,580	-0,991	3,500	210,729	4,00	5,000	210,789
			5,000	210,430	3,500	210,490	-4,00	60+1,207				210,630	211,637	-1,007	3,500	210,770	4,00	5,000	210,830
			5,000	211,062	3,500	211,122	-4,00	61+0,000				211,262	212,103	-0,841	3,500	211,402	4,00	5,000	211,462
			5,000	211,734	3,500	211,794	-4,00	62+0,000				211,934	213,370	-1,436	3,500	212,074	4,00	5,000	212,134
			5,000	212,407	3,500	212,467	-4,00	63+0,000				212,607	214,153	-1,546	3,500	212,747	4,00	5,000	212,807
			5,000	213,080	3,500	213,140	-4,00	64+0,000				213,280	214,867	-1,587	3,500	213,420	4,00	5,000	213,480



HASH: 18048515d5070f58bce8b8de53abef15cde25f1929d991d610ebca76d2197. Documento assinado digitalmente, válido em <https://arquivos.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9G5J-F37W>. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
· HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, RAFAEL DEL GROSSI SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Emitido em 29/09/2025 10:21:47 por AMANDA ARAUJO.



Rodovia : MT-247

Lado Esquerdo						Eixo				Lado Direito							
Offset		Bordo Acostamento		Bordo Semi-Pista		Estaca	Pontos Notáveis Horizontal	Pontos Notáveis Vertical	Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Semi-Pista		Bordo Acostamento		Offset	
				Afast. (m)	Cota (m)							Afast. (m)	Cota (m)	Incl. (%)	Afast. (m)	Cota (m)	
Afast. (m)	Cota (m)	Afast. (m)	Cota (m)	Incl. (%)													
		5,000	232,035	-3,00	232,080	-3,00	87+0,000		232,185	231,276	0,909	3,500	232,080	-3,00	5,000	232,035	
		5,000	232,807	-3,00	232,852	-3,00	88+0,000		232,957	231,949	1,008	3,500	232,852	-3,00	5,000	232,807	
		5,000	233,488	-3,00	233,533	-3,00	89+0,000		233,638	232,667	0,971	3,500	233,533	-3,00	5,000	233,488	
		5,000	233,728	-3,00	233,773	-3,00	89+7,773	PTV	233,878	232,990	0,888	3,500	233,773	-3,00	5,000	233,728	
		5,000	234,094	-3,00	234,139	-3,00	90+0,000		234,244	233,518	0,726	3,500	234,139	-3,00	5,000	234,094	
		5,000	234,694	-3,00	234,739	-3,00	91+0,000		234,844	234,282	0,562	3,500	234,739	-3,00	5,000	234,694	
		5,000	235,294	-3,00	235,339	-3,00	92+0,000		235,444	235,002	0,442	3,500	235,339	-3,00	5,000	235,294	
		5,000	235,894	-3,00	235,939	-3,00	93+0,000		236,044	235,549	0,495	3,500	235,939	-3,00	5,000	235,894	
		5,000	236,494	-3,00	236,539	-3,00	94+0,000		236,644	236,890	0,754	3,500	236,539	-3,00	5,000	236,494	
		5,000	237,094	-3,00	237,139	-3,00	95+0,000		237,244	236,410	0,834	3,500	237,139	-3,00	5,000	237,094	
		5,000	237,694	-3,00	237,739	-3,00	96+0,000	PCV	237,844	237,145	0,699	3,500	237,739	-3,00	5,000	237,694	
		5,000	238,280	-3,00	238,325	-3,00	97+0,000		238,430	237,760	0,670	3,500	238,325	-3,00	5,000	238,280	
		5,000	238,840	-3,00	238,885	-3,00	98+0,000		238,990	238,275	0,715	3,500	238,885	-3,00	5,000	238,840	
		5,000	239,373	-3,00	239,418	-3,00	99+0,000		239,523	238,777	0,746	3,500	239,418	-3,00	5,000	239,373	
		5,000	239,880	-3,00	239,925	-3,00	100+0,000		240,030	239,314	0,716	3,500	239,925	-3,00	5,000	239,880	
		5,000	240,360	-3,00	240,405	-3,00	101+0,000		240,510	239,770	0,740	3,500	240,405	-3,00	5,000	240,360	
		5,000	240,813	-3,00	240,858	-3,00	102+0,000		240,963	240,173	0,790	3,500	240,858	-3,00	5,000	240,813	
		5,000	241,253	-3,00	241,298	-3,00	103+0,000	PTV	241,403	240,357	1,046	3,500	241,298	-3,00	5,000	241,253	
		5,000	241,693	-3,00	241,738	-3,00	104+0,000		241,843	240,758	1,085	3,500	241,738	-3,00	5,000	241,693	
		5,000	242,133	-3,00	242,178	-3,00	105+0,000		242,283	241,217	1,066	3,500	242,178	-3,00	5,000	242,133	
		5,000	242,572	-3,00	242,617	-3,00	106+0,000		242,722	241,628	1,094	3,500	242,617	-3,00	5,000	242,572	
		5,000	243,012	-3,00	243,057	-3,00	107+0,000		243,162	242,039	1,123	3,500	243,057	-3,00	5,000	243,012	
		5,000	243,452	-3,00	243,497	-3,00	108+0,000		243,602	242,523	1,079	3,500	243,497	-3,00	5,000	243,452	
		5,000	243,759	-3,00	243,804	-3,00	108+13,935	PCV	243,909	242,843	1,066	3,500	243,804	-3,00	5,000	243,759	
		5,000	243,887	-3,00	243,932	-3,00	109+0,000		244,037	242,989	1,048	3,500	243,932	-3,00	5,000	243,887	
		5,000	244,241	-3,00	244,286	-3,00	110+0,000		244,391	243,518	0,873	3,500	244,286	-3,00	5,000	244,241	
		5,000	244,488	-3,00	244,532	-3,00	111+0,000		244,638	244,233	0,405	3,500	244,532	-3,00	5,000	244,488	



HASH: 18048515d507f0f8c8e68b8e53abe1.5c0e251f929d991d610ebc76d2197. Documento assinado digitalmente, valide em <https://aquisscoes.seplag.mt.gov.br/validar-pub/validar/HCT9-LG29-965J-F37W>. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025; HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, RAFAEL DEL GROSSI SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025; AMANDA CRISTINA RENZDE ARAUJO em 29/09/2025, Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.

SINFRACAP202586578A

Nota de Serviço de Pavimento Acabado																			
Rodovia : MT-247																			
Lado Esquerdo							Eixo				Lado Direito								
Offset	Alast. (m)	Cota (m)	Bordo Acostamento		Bordo Semi-Pista		Estaca	Pontos Notáveis Horizontal	Pontos Notáveis Vertical	Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Semi-Pista		Bordo Acostamento		Offset		
			Alast. (m)	Cota (m)	Alast. (m)	Cota (m)							Incl. (%)	Alast. (m)	Cota (m)	Incl. (%)	Alast. (m)	Cota (m)	
			5,000	220,787	3,500	220,742	3,00	135+19,980		220,637	225,002	-4,365	3,500	220,532	-3,00	5,000	220,487		
			5,000	220,785	3,500	220,740	3,00	136+0,000		220,635	225,000	-4,365	3,500	220,530	-3,00	5,000	220,485		
			5,000	219,298	3,500	219,253	3,00	137+0,000		219,148	223,444	-4,296	3,500	219,043	-3,00	5,000	218,998		
			5,000	217,760	3,500	217,730	1,99	138+0,000		217,660	221,691	-4,031	3,500	217,555	-3,00	5,000	217,510		
			5,000	217,384	3,500	217,366	1,15	138+4,491	PT	217,326	221,301	-3,975	3,500	217,221	-3,00	5,000	217,176		
			5,000	216,062	3,500	216,095	-2,20	139+0,000		216,172	219,769	-3,597	3,500	216,067	-3,00	5,000	216,022		
			5,000	214,534	3,500	214,579	-3,00	140+0,000		214,684	217,546	-2,862	3,500	214,579	-3,00	5,000	214,534		
			5,000	213,046	3,500	213,091	-3,00	141+0,000		213,196	215,185	-1,989	3,500	213,091	-3,00	5,000	213,046		
			5,000	211,558	3,500	211,603	-3,00	142+0,000		211,708	212,764	-1,056	3,500	211,603	-3,00	5,000	211,558		
			5,000	210,071	3,500	210,116	-3,00	143+0,000		210,221	210,468	-0,247	3,500	210,116	-3,00	5,000	210,071		
			5,000	208,583	3,500	208,628	-3,00	144+0,000		208,733	208,148	0,585	3,500	208,628	-3,00	5,000	208,583		
			5,000	207,095	3,500	207,140	-3,00	145+0,000		207,245	206,008	1,237	3,500	207,140	-3,00	5,000	207,095		
			5,000	205,607	3,500	205,652	-3,00	146+0,000		205,757	203,912	1,845	3,500	205,652	-3,00	5,000	205,607		
			5,000	204,119	3,500	204,164	-3,00	147+0,000		204,269	201,867	2,402	3,500	204,164	-3,00	5,000	204,119		
			5,000	202,631	3,500	202,676	-3,00	148+0,000		202,781	199,942	2,839	3,500	202,676	-3,00	5,000	202,631		
			5,000	201,144	3,500	201,189	-3,00	149+0,000		201,294	198,317	2,977	3,500	201,189	-3,00	5,000	201,144		
			5,000	199,656	3,500	199,701	-3,00	150+0,000		199,806	196,799	3,007	3,500	199,701	-3,00	5,000	199,656		
			5,000	198,168	3,500	198,213	-3,00	151+0,000		198,318	195,404	2,914	3,500	198,213	-3,00	5,000	198,168		
			5,000	196,922	3,500	196,967	-3,00	151+16,753	TS	197,072	194,134	2,938	3,500	196,967	-3,00	5,000	196,922		
			5,000	196,680	3,500	196,725	-3,00	152+0,000		196,830	194,048	2,782	3,500	196,725	-3,00	5,000	196,680		
			5,000	196,341	3,500	196,384	-2,91	152+4,628	PCV	196,486	193,866	2,620	3,500	196,381	-3,00	5,000	196,336		
			5,000	195,325	3,500	195,344	-1,31	153+0,000		195,390	193,094	2,296	3,500	195,285	-3,00	5,000	195,240		
			5,000	194,210	3,500	194,180	2,02	154+0,000		194,109	192,147	1,962	3,500	194,004	-3,00	5,000	193,959		
			5,000	193,851	3,500	193,809	2,78	154+6,753	SC	193,712	191,845	1,867	3,500	193,600	-3,20	5,000	193,552		
			5,000	193,149	3,500	193,101	3,20	155+0,000		192,989	191,125	1,864	3,500	192,877	-3,20	5,000	192,829		
			5,000	192,192	3,500	192,144	3,20	156+0,000		192,032	190,519	1,513	3,500	191,920	-3,20	5,000	191,872		
			5,000	191,586	3,500	191,538	3,20	156+14,866		191,426	189,823	1,603	3,500	191,314	-3,20	5,000	191,266		



HASH: 18048515d5070f58bce8b8de53abef15cde25f1929d991d610ebca76d2197. Documento assinado digitalmente, válido em https://arquivos.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9CSJ-F37W. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
· HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, RAFAEL DEL GROSSI SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Emitido em 29/09/2025 10:21:47 por AMANDA ARAUJO.



Nota de Serviço de Pavimento Acabado																				
Rodovia : MT-247																				
Lado Esquerdo								Lado Direito												
Offset	Bordo Acostamento				Bordo Semi-Pista		Eixo						Bordo Semi-Pista				Bordo Acostamento		Offset	
	Alf. (m)	Cota (m)	Alf. (m)	Cota (m)	Incl. (%)	Estaca	Pontos Notáveis Horizontal	Pontos Notáveis Vertical	Cota Projeto	Cota Terreno	Cota Vermelha	Alf. (m)	Cota (m)	Incl. (%)	Cota (m)	Alf. (m)	Cota (m)			
	5,000	192,152	3,500	192,071	5,40	178+0,000			191,882	190,546	1,336	3,500	191,693	-5,40	5,000	191,612				
	5,000	192,288	3,500	192,207	5,40	179+0,000			192,018	190,782	1,236	3,500	191,829	-5,40	5,000	191,748				
	5,000	192,322	3,500	192,241	5,40	179+4,902			192,052	190,828	1,224	3,500	191,863	-5,40	5,000	191,782				
	5,000	192,425	3,500	192,344	5,40	180+0,000			192,155	190,899	1,256	3,500	191,966	-5,40	5,000	191,885				
	5,000	192,561	3,500	192,480	5,40	181+0,000			192,291	190,958	1,333	3,500	192,102	-5,40	5,000	192,021				
	5,000	192,698	3,500	192,617	5,40	182+0,000			192,428	190,854	1,574	3,500	192,239	-5,40	5,000	192,158				
	5,000	192,834	3,500	192,753	5,40	183+0,000			192,564	190,884	1,680	3,500	192,375	-5,40	5,000	192,294				
	5,000	192,971	3,500	192,890	5,40	184+0,000			192,701	190,879	1,822	3,500	192,512	-5,40	5,000	192,431				
	5,000	193,104	3,500	193,024	5,34	185+0,000			192,837	190,821	2,016	3,500	192,650	-5,34	5,000	192,570				
	5,000	193,128	3,500	193,053	4,98	185+6,091	CS		192,879	190,846	2,033	3,500	192,705	-4,98	5,000	192,630				
	5,000	193,127	3,500	193,081	3,05	186+0,000			192,974	190,997	1,977	3,500	192,853	-3,45	5,000	192,802				
	5,000	193,094	3,500	193,099	-0,32	187+0,000			193,110	191,237	1,873	3,500	193,005	-3,00	5,000	192,960				
	5,000	193,105	3,500	193,147	-2,85	188+0,000			193,247	191,206	2,041	3,500	193,142	-3,00	5,000	193,097				
	5,000	193,233	3,500	193,278	-3,00	189+0,000			193,383	191,308	2,075	3,500	193,278	-3,00	5,000	193,233				
	5,000	193,275	3,500	193,320	-3,00	189+6,091	ST		193,425	191,355	2,070	3,500	193,320	-3,00	5,000	193,275				
	5,000	193,370	3,500	193,415	-3,00	190+0,000			193,520	191,409	2,111	3,500	193,415	-3,00	5,000	193,370				
	5,000	193,506	3,500	193,551	-3,00	191+0,000			193,656	191,481	2,175	3,500	193,551	-3,00	5,000	193,506				
	5,000	193,643	3,500	193,688	-3,00	192+0,000			193,793	191,598	2,195	3,500	193,688	-3,00	5,000	193,643				
	5,000	193,779	3,500	193,824	-3,00	193+0,000			193,929	191,724	2,205	3,500	193,824	-3,00	5,000	193,779				
	5,000	193,916	3,500	193,961	-3,00	194+0,000			194,066	191,784	2,282	3,500	193,961	-3,00	5,000	193,916				
	5,000	194,052	3,500	194,097	-3,00	195+0,000			194,202	191,827	2,375	3,500	194,097	-3,00	5,000	194,052				
	5,000	194,189	3,500	194,234	-3,00	196+0,000			194,339	191,910	2,429	3,500	194,234	-3,00	5,000	194,189				
	5,000	194,325	3,500	194,370	-3,00	197+0,000			194,475	192,071	2,404	3,500	194,370	-3,00	5,000	194,325				
	5,000	194,462	3,500	194,507	-3,00	198+0,000			194,612	192,289	2,323	3,500	194,507	-3,00	5,000	194,462				
	5,000	194,598	3,500	194,643	-3,00	199+0,000			194,748	192,509	2,239	3,500	194,643	-3,00	5,000	194,598				
	5,000	194,735	3,500	194,780	-3,00	200+0,000			194,885	192,655	2,230	3,500	194,780	-3,00	5,000	194,735				
	5,000	194,871	3,500	194,916	-3,00	201+0,000			195,021	192,957	2,064	3,500	194,916	-3,00	5,000	194,871				



HASH: 18048515d5070f58bce8b8de53abef15cde25f1929d991d610ebca76d2197. Documento assinado digitalmente, válido em <https://arquivos.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9CSJ-F37W>. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
 HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, RAFAEL DEL GROSSI SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Emitido em 29/09/2025 10:21:47 por AMANDA ARAUJO.



Nota de Serviço de Pavimento Acabado																			
Lado Esquerdo										Lado Direito									
Offset		Bordo Acostamento		Bordo Semi-Pista		Eixo						Bordo Semi-Pista		Bordo Acostamento		Offset			
						Estaca	Pontos Notáveis Horizontal	Pontos Notáveis Vertical	Cota Projeto	Cota Terreno	Cota Vermelha								
Alast. (m)	Cota (m)	Incl. (%)											Alast. (m)	Cota (m)	Incl. (%)	Alast. (m)	Cota (m)		
	Alast. (m)	Cota (m)																	
		5,000	195,008	3,500	195,053	-3,00	202+0,000			195,158	193,599	1,559	3,500	195,053	-3,00	5,000	195,008		
		5,000	195,144	3,500	195,189	-3,00	203+0,000			195,294	193,544	1,750	3,500	195,189	-3,00	5,000	195,144		
		5,000	195,238	3,500	195,283	-3,00	203+13,702	PCV		195,388	193,721	1,667	3,500	195,283	-3,00	5,000	195,238		
		5,000	195,282	3,500	195,327	-3,00	204+0,000			195,432	193,864	1,568	3,500	195,327	-3,00	5,000	195,282		
		5,000	195,438	3,500	195,483	-3,00	205+0,000			195,588	194,261	1,327	3,500	195,483	-3,00	5,000	195,438		
		5,000	195,617	3,500	195,662	-3,00	206+0,000			195,767	194,764	1,003	3,500	195,662	-3,00	5,000	195,617		
		5,000	195,819	3,500	195,864	-3,00	207+0,000			195,969	195,422	0,547	3,500	195,864	-3,00	5,000	195,819		
		5,000	196,045	3,500	196,090	-3,00	208+0,000			196,195	196,093	0,102	3,500	196,090	-3,00	5,000	196,045		
		5,000	196,294	3,500	196,339	-3,00	209+0,000			196,444	196,745	-0,301	3,500	196,339	-3,00	5,000	196,294		
		5,000	196,567	3,500	196,612	-3,00	210+0,000			196,717	197,160	-0,443	3,500	196,612	-3,00	5,000	196,567		
		5,000	196,864	3,500	196,909	-3,00	211+0,000			197,014	197,557	-0,543	3,500	196,909	-3,00	5,000	196,864		
		5,000	197,080	3,500	197,125	-3,00	211+13,702	PTV		197,230	198,011	-0,781	3,500	197,125	-3,00	5,000	197,080		
		5,000	197,182	3,500	197,227	-3,00	212+0,000			197,332	198,251	-0,919	3,500	197,227	-3,00	5,000	197,182		
		5,000	197,506	3,500	197,551	-3,00	213+0,000			197,656	198,814	-1,158	3,500	197,551	-3,00	5,000	197,506		
		5,000	197,830	3,500	197,875	-3,00	214+0,000			197,980	199,282	-1,302	3,500	197,875	-3,00	5,000	197,830		
		5,000	198,154	3,500	198,199	-3,00	215+0,000			198,304	199,580	-1,276	3,500	198,199	-3,00	5,000	198,154		
		5,000	198,478	3,500	198,523	-3,00	216+0,000			198,628	200,148	-1,520	3,500	198,523	-3,00	5,000	198,478		
		5,000	198,802	3,500	198,847	-3,00	217+0,000			198,952	200,801	-1,849	3,500	198,847	-3,00	5,000	198,802		
		5,000	199,126	3,500	199,171	-3,00	218+0,000			199,276	201,233	-1,957	3,500	199,171	-3,00	5,000	199,126		
		5,000	199,450	3,500	199,495	-3,00	219+0,000			199,600	201,646	-2,046	3,500	199,495	-3,00	5,000	199,450		
		5,000	199,774	3,500	199,819	-3,00	220+0,000			199,924	202,012	-2,088	3,500	199,819	-3,00	5,000	199,774		
		5,000	200,099	3,500	200,144	-3,00	221+0,000			200,249	202,383	-2,134	3,500	200,144	-3,00	5,000	200,099		
		5,000	200,423	3,500	200,468	-3,00	222+0,000			200,573	202,747	-2,174	3,500	200,468	-3,00	5,000	200,423		
		5,000	200,747	3,500	200,792	-3,00	223+0,000			200,897	203,043	-2,146	3,500	200,792	-3,00	5,000	200,747		
		5,000	201,071	3,500	201,116	-3,00	224+0,000			201,221	203,302	-2,081	3,500	201,116	-3,00	5,000	201,071		
		5,000	201,395	3,500	201,440	-3,00	225+0,000			201,545	203,406	-1,861	3,500	201,440	-3,00	5,000	201,395		
		5,000	201,719	3,500	201,764	-3,00	226+0,000			201,869	203,390	-1,521	3,500	201,764	-3,00	5,000	201,719		



HASH: 18048515d5070f58bce8b8de53abef15cde25f1929d991d610ebca76d2197. Documento assinado digitalmente, válido em https://arquivos.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9G5J-F37W. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
· HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, RAFAEL DEL GROSSI SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Emitido em 29/09/2025 10:21:47 por AMANDA ARAUJO.



Nota de Serviço de Pavimento Acabado																			
Rodovia : MT-247																			
Lado Esquerdo							Eixo				Lado Direito								
Offset		Bordo Acostamento		Bordo Semi-Pista			Estaca	Pontos Notáveis Horizontal	Pontos Notáveis Vertical	Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Semi-Pista		Bordo Acostamento		Offset		
		Alast. (m)	Cota (m)	Alast. (m)	Cota (m)	Incl. (%)							Alast. (m)	Cota (m)	Incl. (%)	Alast. (m)			Cota (m)
		5,000	202,043	3,500	202,088	-3,00	227+0,000			202,193	203,280	-1,087	3,500	202,088	-3,00	5,000	202,043		
		5,000	202,367	3,500	202,412	-3,00	228+0,000			202,517	203,000	-0,483	3,500	202,412	-3,00	5,000	202,367		
		5,000	202,691	3,500	202,736	-3,00	229+0,000			202,841	202,796	0,045	3,500	202,736	-3,00	5,000	202,691		
		5,000	203,015	3,500	203,060	-3,00	230+0,000			203,165	202,568	0,597	3,500	203,060	-3,00	5,000	203,015		
		5,000	203,339	3,500	203,384	-3,00	231+0,000			203,489	202,514	0,975	3,500	203,384	-3,00	5,000	203,339		
		5,000	203,663	3,500	203,708	-3,00	232+0,000			203,813	202,639	1,174	3,500	203,708	-3,00	5,000	203,663		
		5,000	203,987	3,500	204,032	-3,00	233+0,000			204,137	202,601	1,536	3,500	204,032	-3,00	5,000	203,987		
		5,000	204,311	3,500	204,356	-3,00	234+0,000			204,461	202,554	1,907	3,500	204,356	-3,00	5,000	204,311		
		5,000	204,635	3,500	204,680	-3,00	235+0,000			204,785	202,724	2,061	3,500	204,680	-3,00	5,000	204,635		
		5,000	204,959	3,500	205,004	-3,00	236+0,000			205,109	202,905	2,204	3,500	205,004	-3,00	5,000	204,959		
		5,000	205,283	3,500	205,328	-3,00	237+0,000			205,433	203,039	2,394	3,500	205,328	-3,00	5,000	205,283		
		5,000	205,607	3,500	205,652	-3,00	238+0,000			205,757	203,143	2,614	3,500	205,652	-3,00	5,000	205,607		
		5,000	205,931	3,500	205,976	-3,00	239+0,000			206,081	203,456	2,625	3,500	205,976	-3,00	5,000	205,931		
		5,000	206,255	3,500	206,300	-3,00	240+0,000			206,405	203,619	2,786	3,500	206,300	-3,00	5,000	206,255		
		5,000	206,465	3,500	206,510	-3,00	240+12,945		PC	206,615	203,803	2,812	3,500	206,510	-3,00	5,000	206,465		
		5,000	206,580	3,500	206,625	-3,00	241+0,000			206,730	203,951	2,779	3,500	206,625	-3,00	5,000	206,580		
		5,000	206,726	3,500	206,771	-3,00	241+9,066			206,876	204,046	2,830	3,500	206,771	-3,00	5,000	206,726		
		5,000	206,904	3,500	206,949	-3,00	242+0,000			207,054	204,191	2,863	3,500	206,949	-3,00	5,000	206,904		
		5,000	206,988	3,500	207,033	-3,00	242+5,187		PT	207,138	204,256	2,882	3,500	207,033	-3,00	5,000	206,988		
		5,000	207,228	3,500	207,273	-3,00	243+0,000			207,378	204,516	2,862	3,500	207,273	-3,00	5,000	207,228		
		5,000	207,552	3,500	207,597	-3,00	244+0,000			207,702	204,926	2,776	3,500	207,597	-3,00	5,000	207,552		
		5,000	207,876	3,500	207,921	-3,00	245+0,000			208,026	205,350	2,676	3,500	207,921	-3,00	5,000	207,876		
		5,000	208,200	3,500	208,245	-3,00	246+0,000			208,350	205,633	2,717	3,500	208,245	-3,00	5,000	208,200		
		5,000	208,524	3,500	208,569	-3,00	247+0,000			208,674	205,864	2,810	3,500	208,569	-3,00	5,000	208,524		
		5,000	208,848	3,500	208,893	-3,00	248+0,000			208,998	206,262	2,736	3,500	208,893	-3,00	5,000	208,848		
		5,000	209,172	3,500	209,217	-3,00	249+0,000			209,322	206,724	2,598	3,500	209,217	-3,00	5,000	209,172		
		5,000	209,496	3,500	209,541	-3,00	250+0,000			209,646	207,245	2,401	3,500	209,541	-3,00	5,000	209,496		



HASH: 18048515d5070f58bce8b8de53abef15cde25f1929d991d610ebca76d2197. Documento assinado digitalmente, válido em https://arquivos.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9G5J-F37W. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
· HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, RAFAEL DEL GROSSI SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Emitido em 29/09/2025 10:21:47 por AMANDA ARAUJO.



Rodovia : MT-247

Lado Esquerdo						Eixo				Lado Direito								
Offset		Bordo Acostamento		Bordo Semi-Pista		Estaca	Pontos Notáveis Horizontal	Pontos Notáveis Vertical	Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Semi-Pista		Bordo Acostamento		Offset		
				Afast. (m)	Cota (m)							Afast. (m)	Cota (m)	Incl. (%)	Afast. (m)	Cota (m)		
Afast. (m)	Cota (m)	Afast. (m)	Cota (m)	Incl. (%)								Afast. (m)	Cota (m)	Afast. (m)	Cota (m)	Afast. (m)	Cota (m)	
		5,000	209,820	-3,00	209,865	-3,00	251+0,000		209,970	207,647	2,223	3,500	209,865	-3,00	5,000	209,820		
		5,000	210,144	-3,00	210,189	-3,00	252+0,000		210,294	208,058	2,236	3,500	210,189	-3,00	5,000	210,144		
		5,000	210,468	-3,00	210,513	-3,00	253+0,000		210,618	208,513	2,105	3,500	210,513	-3,00	5,000	210,468		
		5,000	210,792	-3,00	210,837	-3,00	254+0,000		210,942	208,933	2,009	3,500	210,837	-3,00	5,000	210,792		
		5,000	211,116	-3,00	211,161	-3,00	255+0,000		211,266	209,187	2,079	3,500	211,161	-3,00	5,000	211,116		
		5,000	211,440	-3,00	211,485	-3,00	256+0,000		211,590	209,493	2,097	3,500	211,485	-3,00	5,000	211,440		
		5,000	211,764	-3,00	211,809	-3,00	257+0,000		211,914	209,752	2,162	3,500	211,809	-3,00	5,000	211,764		
		5,000	212,088	-3,00	212,133	-3,00	258+0,000		212,238	210,009	2,229	3,500	212,133	-3,00	5,000	212,088		
		5,000	212,336	-3,00	212,381	-3,00	258+15,274	PCV	212,486	210,197	2,289	3,500	212,381	-3,00	5,000	212,336		
		5,000	212,413	-3,00	212,458	-3,00	259+0,000		212,563	210,318	2,245	3,500	212,458	-3,00	5,000	212,413		
		5,000	212,748	-3,00	212,793	-3,00	260+0,000		212,898	210,655	2,243	3,500	212,793	-3,00	5,000	212,748		
		5,000	213,098	-3,00	213,143	-3,00	261+0,000		213,248	210,983	2,265	3,500	213,143	-3,00	5,000	213,098		
		5,000	213,463	-3,00	213,508	-3,00	262+0,000		213,613	211,410	2,203	3,500	213,508	-3,00	5,000	213,463		
		5,000	213,842	-3,00	213,887	-3,00	263+0,000		213,992	211,834	2,158	3,500	213,887	-3,00	5,000	213,842		
		5,000	214,237	-3,00	214,282	-3,00	264+0,000		214,387	212,239	2,148	3,500	214,282	-3,00	5,000	214,237		
		5,000	214,646	-3,00	214,691	-3,00	265+0,000		214,796	212,674	2,122	3,500	214,691	-3,00	5,000	214,646		
		5,000	215,071	-3,00	215,116	-3,00	266+0,000		215,221	213,091	2,130	3,500	215,116	-3,00	5,000	215,071		
		5,000	215,510	-3,00	215,555	-3,00	267+0,000		215,660	213,404	2,256	3,500	215,555	-3,00	5,000	215,510		
		5,000	215,964	-3,00	216,009	-3,00	268+0,000		216,114	213,919	2,195	3,500	216,009	-3,00	5,000	215,964		
		5,000	216,321	-3,00	216,366	-3,00	268+15,274	PTV	216,471	214,292	2,179	3,500	216,366	-3,00	5,000	216,321		
		5,000	216,433	-3,00	216,478	-3,00	269+0,000		216,583	214,408	2,175	3,500	216,478	-3,00	5,000	216,433		
		5,000	216,906	-3,00	216,951	-3,00	270+0,000		217,056	214,898	2,158	3,500	216,951	-3,00	5,000	216,906		
		5,000	217,379	-3,00	217,424	-3,00	271+0,000		217,529	215,316	2,213	3,500	217,424	-3,00	5,000	217,379		
		5,000	217,852	-3,00	217,897	-3,00	272+0,000		218,002	215,818	2,184	3,500	217,897	-3,00	5,000	217,852		
		5,000	218,326	-3,00	218,371	-3,00	273+0,000		218,476	216,126	2,250	3,500	218,371	-3,00	5,000	218,326		
		5,000	218,799	-3,00	218,844	-3,00	274+0,000		218,949	216,793	2,156	3,500	218,844	-3,00	5,000	218,799		
		5,000	219,172	-3,00	219,217	-3,00	275+0,000		219,322	217,553	1,820	3,500	219,217	-3,00	5,000	219,172		



HASH: 18048515d507f0f8c8e68b8e53abe1.5c0e251f929d991d610ebc76d2197. Documento assinado digitalmente, valide em <https://aquilascopes.seplag.mt.gov.br/validar-pub/validar/HCT9-LG29-965J-F37W>. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025; HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, RAFAEL DEL GROSSI SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA RENZDE ARAUJO em 29/09/2025, Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.



Nota de Serviço de Pavimento Acabado																			
Rodovia : MT-247																			
Lado Esquerdo										Lado Direito									
Offset	Bordo Acostamento			Bordo Semi-Pista			Estaca	Pontos Notáveis Horizontal	Pontos Notáveis Vertical	Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Semi-Pista			Bordo Acostamento		Offset	
	Alast. (m)	Cota (m)	Alast. (m)	Cota (m)	Incl. (%)	Alast. (m)							Cota (m)	Incl. (%)	Alast. (m)	Cota (m)	Alast. (m)	Cota (m)	
	5,000	219,745	3,500	219,790	-3,00	276+0,000				219,895	217,822	2,073	3,500	219,790	-3,00	5,000	219,745		
	5,000	220,218	3,500	220,263	-3,00	277+0,000				220,368	218,306	2,062	3,500	220,263	-3,00	5,000	220,218		
	5,000	220,691	3,500	220,736	-3,00	278+0,000				220,841	218,915	1,926	3,500	220,736	-3,00	5,000	220,691		
	5,000	221,164	3,500	221,209	-3,00	279+0,000				221,314	219,515	1,799	3,500	221,209	-3,00	5,000	221,164		
	5,000	221,637	3,500	221,682	-3,00	280+0,000				221,787	220,015	1,772	3,500	221,682	-3,00	5,000	221,637		
	5,000	222,110	3,500	222,155	-3,00	281+0,000				222,260	220,563	1,697	3,500	222,155	-3,00	5,000	222,110		
	5,000	222,583	3,500	222,628	-3,00	282+0,000				222,733	221,169	1,564	3,500	222,628	-3,00	5,000	222,583		
	5,000	223,056	3,500	223,101	-3,00	283+0,000				223,206	221,664	1,542	3,500	223,101	-3,00	5,000	223,056		
	5,000	223,529	3,500	223,574	-3,00	284+0,000				223,679	222,287	1,392	3,500	223,574	-3,00	5,000	223,529		
	5,000	224,002	3,500	224,047	-3,00	285+0,000				224,152	222,873	1,279	3,500	224,047	-3,00	5,000	224,002		
	5,000	224,475	3,500	224,520	-3,00	286+0,000				224,625	223,397	1,228	3,500	224,520	-3,00	5,000	224,475		
	5,000	224,949	3,500	224,994	-3,00	287+0,000				225,099	223,937	1,162	3,500	224,994	-3,00	5,000	224,949		
	5,000	225,422	3,500	225,467	-3,00	288+0,000				225,572	224,383	1,189	3,500	225,467	-3,00	5,000	225,422		
	5,000	225,895	3,500	225,940	-3,00	289+0,000				226,045	225,024	1,021	3,500	225,940	-3,00	5,000	225,895		
	5,000	226,368	3,500	226,413	-3,00	290+0,000				226,518	225,443	1,075	3,500	226,413	-3,00	5,000	226,368		
	5,000	226,841	3,500	226,886	-3,00	291+0,000				226,991	225,940	1,051	3,500	226,886	-3,00	5,000	226,841		
	5,000	227,069	3,500	227,114	-3,00	291+9,651	PCV			227,219	226,106	1,113	3,500	227,114	-3,00	5,000	227,069		
	5,000	227,297	3,500	227,342	-3,00	292+0,000				227,447	226,323	1,124	3,500	227,342	-3,00	5,000	227,297		
	5,000	227,643	3,500	227,688	-3,00	293+0,000				227,793	226,715	1,078	3,500	227,688	-3,00	5,000	227,643		
	5,000	227,863	3,500	227,908	-3,00	294+0,000				228,013	226,970	1,043	3,500	227,908	-3,00	5,000	227,863		
	5,000	227,958	3,500	228,003	-3,00	295+0,000				228,108	227,058	1,050	3,500	228,003	-3,00	5,000	227,958		
	5,000	227,962	3,500	228,007	-3,00	295+5,123				228,112	227,061	1,051	3,500	228,007	-3,00	5,000	227,962		
	5,000	227,927	3,500	227,972	-3,00	296+0,000				228,077	227,089	0,988	3,500	227,972	-3,00	5,000	227,927		
	5,000	227,781	3,500	227,823	-2,80	297+0,000				227,921	227,061	0,860	3,500	227,816	-3,00	5,000	227,771		
	5,000	227,700	3,500	227,724	-1,65	297+10,995	TS			227,782	226,818	0,964	3,500	227,677	-3,00	5,000	227,632		
	5,000	227,632	3,500	227,634	-0,17	298+0,000				227,640	226,665	0,975	3,500	227,535	-3,00	5,000	227,490		
	5,000	227,392	3,500	227,344	3,17	299+0,000				227,233	226,194	1,039	3,500	227,111	-3,50	5,000	227,058		



HASH: 18048515d5070f58bce8b8de53abef15cde25f1929d991d610ebca76d2197. Documento assinado digitalmente, válido em https://arquivos.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9G5J-F37W. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
· HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, RAFAEL DEL GROSSI SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Emitido em 29/09/2025 10:21:47 por AMANDA ARAUJO.



Rodovia : MT-247

Lado Esquerdo						Eixo				Lado Direito							
Offset		Bordo Acastamento		Bordo Semi-Pista		Estaca	Pontos Notáveis Horizontal	Pontos Notáveis Vertical	Cota Terreno	Cota Vermelha	Bordo Semi-Pista		Bordo Acastamento		Offset		
				Afast. (m)	Cota (m)						Afast. (m)	Cota (m)	Afast. (m)	Cota (m)	Afast. (m)	Cota (m)	
	Afast. (m)	Cota (m)	Afast. (m)	Cota (m)	Incl. (%)							Incl. (%)	Cota (m)	Afast. (m)	Cota (m)		
		5,000	227,185	3,500	227,116	4,58	299+10,995	SC	226,956	225,929	1,027	3,500	226,796	-4,58	5,000	226,727	
		5,000	226,951	3,500	226,876	5,00	300+0,000		226,701	225,668	1,033	3,500	226,526	-5,00	5,000	226,451	
		5,000	226,294	3,500	226,219	5,00	301+0,000		226,044	224,668	1,376	3,500	225,869	-5,00	5,000	225,794	
		5,000	226,211	3,500	226,136	5,00	301+2,286		225,961	224,535	1,426	3,500	225,786	-5,00	5,000	225,711	
		5,000	225,932	3,500	225,857	5,00	301+9,651	PTV	225,682	224,381	1,301	3,500	225,507	-5,00	5,000	225,432	
		5,000	225,528	3,500	225,453	5,00	302+0,000		225,278	224,144	1,134	3,500	225,103	-5,00	5,000	225,028	
		5,000	224,977	3,500	224,908	4,58	302+13,577	CS	224,748	223,687	1,061	3,500	224,588	-4,58	5,000	224,519	
		5,000	224,691	3,500	224,633	3,88	303+0,000		224,497	223,449	1,048	3,500	224,357	-4,01	5,000	224,297	
		5,000	223,747	3,500	223,738	0,60	304+0,000		223,717	222,585	1,132	3,500	223,612	-3,00	5,000	223,567	
		5,000	223,105	3,500	223,129	-1,65	304+13,577	ST	223,187	221,951	1,236	3,500	223,082	-3,00	5,000	223,037	
		5,000	222,814	3,500	222,851	-2,44	305+0,000		222,936	221,677	1,259	3,500	222,881	-3,00	5,000	222,786	
		5,000	222,237	3,500	222,282	-3,00	305+14,057	PCV	222,387	221,122	1,265	3,500	222,282	-3,00	5,000	222,237	
		5,000	222,012	3,500	222,057	-3,00	306+0,000		222,162	220,912	1,250	3,500	222,057	-3,00	5,000	222,012	
		5,000	221,357	3,500	221,402	-3,00	307+0,000		221,507	220,216	1,291	3,500	221,402	-3,00	5,000	221,357	
		5,000	220,858	3,500	220,903	-3,00	308+0,000		221,008	219,572	1,436	3,500	220,903	-3,00	5,000	220,858	
		5,000	220,515	3,500	220,560	-3,00	309+0,000		220,665	219,053	1,612	3,500	220,560	-3,00	5,000	220,515	
		5,000	220,329	3,500	220,374	-3,00	310+0,000		220,479	218,852	1,627	3,500	220,374	-3,00	5,000	220,329	
		5,000	220,292	3,500	220,337	-3,00	310+13,724		220,442	218,675	1,767	3,500	220,337	-3,00	5,000	220,292	
		5,000	220,300	3,500	220,345	-3,00	311+0,000		220,450	218,594	1,856	3,500	220,345	-3,00	5,000	220,300	
		5,000	220,428	3,500	220,473	-3,00	312+0,000		220,578	218,859	1,719	3,500	220,473	-3,00	5,000	220,428	
		5,000	220,712	3,500	220,757	-3,00	313+0,000		220,862	219,103	1,759	3,500	220,757	-3,00	5,000	220,712	
		5,000	221,152	3,500	221,197	-3,00	314+0,000		221,302	219,702	1,600	3,500	221,197	-3,00	5,000	221,152	
		5,000	221,556	3,500	221,601	-3,00	314+14,057	PTV	221,706	220,229	1,477	3,500	221,601	-3,00	5,000	221,556	
		5,000	221,743	3,500	221,788	-3,00	315+0,000		221,893	220,511	1,382	3,500	221,788	-3,00	5,000	221,743	
		5,000	222,372	3,500	222,417	-3,00	316+0,000		222,522	221,336	1,186	3,500	222,417	-3,00	5,000	222,372	
		5,000	223,001	3,500	223,046	-3,00	317+0,000		223,151	222,036	1,115	5,500	223,046	-3,00	5,000	223,001	
		5,000	223,630	3,500	223,676	-2,00	318+0,000		223,780	222,685	1,095	3,500	223,676	-2,00	5,000	223,630	



HASH: 18048515d507f0f8c8e68b8e53abe1.5c0e251f929d991d610ebc76d2197. Documento assinado digitalmente, valide em <https://aquilascopes.seplag.mt.gov.br/validar-pub/validar/HCT9R-LG29-9G5J-F37W>. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025.

SINFRACAP202586578A

Rodovia : MT-247

Lado Esquerdo						Eixo				Lado Direito								
Offset		Bordo Acostamento		Bordo Semi-Pista		Estaca	Pontos Notáveis Horizontal	Pontos Notáveis Vertical	Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Semi-Pista		Bordo Acostamento		Offset		
				Afast. (m)	Cota (m)							Afast. (m)	Cota (m)	Incl. (%)	Cota (m)	Afast. (m)	Cota (m)	
	Afast. (m)	Cota (m)	Afast. (m)	Cota (m)	Incl. (%)													
			5,000	224,259	3,500	224,304	-3,00	319+0,000		223,580	0,829	3,500	224,304	-3,00	5,000	224,259		
			5,000	224,788	3,500	224,833	-3,00	319+16,796	PCV	224,235	0,703	3,500	224,833	-3,00	5,000	224,788		
			5,000	224,888	3,500	224,933	-3,00	320+0,000		224,324	0,714	3,500	224,933	-3,00	5,000	224,888		
			5,000	225,477	3,500	225,522	-3,00	321+0,000		224,877	0,750	3,500	225,522	-3,00	5,000	225,477		
			5,000	226,006	3,500	226,051	-3,00	322+0,000		225,242	0,914	3,500	226,051	-3,00	5,000	226,006		
			5,000	226,475	3,500	226,520	-3,00	323+0,000		225,612	1,013	3,500	226,520	-3,00	5,000	226,475		
			5,000	226,883	3,500	226,928	-3,00	324+0,000		225,917	1,116	3,500	226,928	-3,00	5,000	226,883		
			5,000	227,232	3,500	227,277	-3,00	325+0,000		227,382	1,099	3,500	227,277	-3,00	5,000	227,232		
			5,000	227,520	3,500	227,565	-3,00	326+0,000		226,633	1,037	3,500	227,565	-3,00	5,000	227,520		
			5,000	227,747	3,500	227,792	-3,00	327+0,000		226,843	1,054	3,500	227,792	-3,00	5,000	227,747		
			5,000	227,915	3,500	227,960	-3,00	328+0,000		226,965	227,157	0,908	3,500	227,960	-3,00	5,000	227,915	
			5,000	228,022	3,500	228,067	-3,00	329+0,000		228,172	227,460	0,712	3,500	228,067	-3,00	5,000	228,022	
			5,000	228,069	3,500	228,114	-3,00	330+0,000		228,219	227,700	0,519	3,500	228,114	-3,00	5,000	228,069	
			5,000	228,071	3,500	228,116	-3,00	330+5,535		228,221	227,693	0,528	3,500	228,116	-3,00	5,000	228,071	
			5,000	228,055	3,500	228,100	-3,00	331+0,000		228,205	227,582	0,623	3,500	228,100	-3,00	5,000	228,055	
			5,000	227,992	3,500	228,037	-3,00	331+17,944	TS	228,142	227,502	0,640	3,500	228,058	-2,41	5,000	228,022	
			5,000	227,981	3,500	228,026	-3,00	332+0,000		228,131	227,491	0,640	3,500	228,054	-2,19	5,000	228,022	
			5,000	227,943	3,500	227,988	-3,00	332+6,796	PTV	228,093	227,456	0,637	3,500	228,051	-1,20	5,000	228,033	
			5,000	227,861	3,500	227,906	-3,00	333+0,000		228,011	227,446	0,565	3,500	228,047	1,02	5,000	228,062	
			5,000	227,666	3,500	227,732	-4,40	334+0,000	SC	227,886	227,495	0,391	3,500	228,039	4,38	5,000	228,105	
			5,000	227,426	3,500	227,531	-6,98	334+17,944		227,775	227,572	0,203	3,500	228,019	6,98	5,000	228,124	
			5,000	227,406	3,500	227,512	-7,13	335+0,000		227,762	227,575	0,187	3,500	228,012	7,13	5,000	228,119	
			5,000	227,267	3,500	227,378	-7,40	336+0,000		227,637	227,790	-0,153	3,500	227,896	7,40	5,000	228,007	
			5,000	227,143	3,500	227,254	-7,40	337+0,000		227,513	228,000	-0,487	3,500	227,772	7,40	5,000	227,883	
			5,000	227,111	3,500	227,222	-7,40	337+5,169	PCV	227,481	228,078	-0,597	3,500	227,740	7,40	5,000	227,851	
			5,000	226,964	3,500	227,075	-7,40	338+0,000		227,334	228,082	-0,748	3,500	227,593	7,40	5,000	227,704	
			5,000	226,934	3,500	227,035	-7,40	338+2,820		227,294	228,067	-0,773	3,500	227,563	7,40	5,000	227,654	

HASH: 18048515d507f0f8c8e68b8e53abe1.5c0e251f929d991d610ebc76d2197. Documento assinado digitalmente, valide em <https://aquilascopes.seplag.mt.gov.br/flowbee-pub/validar/HCT19-LG29-9653-F37W>. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025.

Rodovia : MT-247

Lado Esquerdo						Eixo				Lado Direito								
Offset		Bordo Acostamento		Bordo Semi-Pista		Estaca	Pontos Notáveis Horizontal	Pontos Notáveis Vertical	Cota Projeto	Cota Terreno	Cota Vermelha	Bordo Semi-Pista		Bordo Acostamento		Offset		
				Afast. (m)	Cota (m)							Afast. (m)	Cota (m)	Incl. (%)	Afast. (m)	Cota (m)		
Afast. (m)	Cota (m)	Afast. (m)	Cota (m)	Incl. (%)								Afast. (m)	Cota (m)	Afast. (m)	Cota (m)	Afast. (m)	Cota (m)	
		5,000	226,593	3,500	226,704	-7,40	339+0,000		226,963	227,535	-0,572	3,500	227,222	7,40	5,000	227,333		
		5,000	226,022	3,500	226,133	-7,40	340+0,000		226,392	226,892	-0,500	3,500	226,651	7,40	5,000	226,762		
		5,000	225,254	3,500	225,365	-7,38	341+0,000		225,623	226,176	-0,553	3,500	225,881	7,38	5,000	225,992		
		5,000	224,924	3,500	225,029	-6,98	341+7,717	CS	225,273	225,818	-0,545	3,500	225,517	6,98	5,000	225,622		
		5,000	224,388	3,500	224,467	-5,33	342+0,000		224,654	225,138	-0,484	3,500	224,841	5,33	5,000	224,921		
		5,000	223,334	3,500	223,380	-3,06	343+0,000		223,487	223,601	-0,114	3,500	223,556	1,97	5,000	223,586		
		5,000	223,003	3,500	223,048	-3,00	343+5,169	PTV	223,153	223,167	-0,014	3,500	223,192	1,10	5,000	223,208		
		5,000	222,679	3,500	222,724	-3,00	343+10,078	PCV	222,829	222,787	0,042	3,500	222,899	0,28	5,000	222,843		
		5,000	222,049	3,500	222,094	-3,00	344+0,000		222,109	221,965	0,234	3,500	222,150	-1,39	5,000	222,130		
		5,000	221,592	3,500	221,637	-3,00	344+7,717	ST	221,742	221,327	0,415	3,500	221,658	-2,41	5,000	221,622		
		5,000	220,922	3,500	220,967	-3,00	345+0,000		221,072	220,299	0,773	3,500	220,967	-3,00	5,000	220,932		
		5,000	219,988	3,500	220,033	-3,00	346+0,000		220,138	218,476	1,662	3,500	220,033	-3,00	5,000	219,988		
		5,000	219,246	3,500	219,291	-3,00	347+0,000		219,396	216,820	2,576	3,500	219,291	-3,00	5,000	219,246		
		5,000	218,696	3,500	218,741	-3,00	348+0,000		218,846	215,643	3,203	3,500	218,741	-3,00	5,000	218,696		
		5,000	218,338	3,500	218,383	-3,00	349+0,000		218,488	214,903	3,585	3,500	218,383	-3,00	5,000	218,338		
		5,000	218,173	3,500	218,218	-3,00	350+0,000		218,323	214,737	3,586	3,500	218,218	-3,00	5,000	218,173		
		5,000	218,161	3,500	218,206	-3,00	350+7,196		218,311	214,777	3,534	3,500	218,206	-3,00	5,000	218,161		
		5,000	218,200	3,500	218,245	-3,00	351+0,000		218,350	214,979	3,371	3,500	218,245	-3,00	5,000	218,200		
		5,000	218,419	3,500	218,464	-3,00	352+0,000		218,569	215,499	3,070	3,500	218,464	-3,00	5,000	218,419		
		5,000	218,831	3,500	218,876	-3,00	353+0,000		218,981	216,093	2,888	3,500	218,876	-3,00	5,000	218,831		
		5,000	219,111	3,500	219,156	-3,00	353+10,078	PTV	219,261	216,373	2,888	3,500	219,156	-3,00	5,000	219,111		
		5,000	219,411	3,500	219,456	-3,00	354+0,000		219,561	216,535	3,026	3,500	219,456	-3,00	5,000	219,411		
		5,000	220,015	3,500	220,060	-3,00	355+0,000		220,165	217,369	2,796	3,500	220,060	-3,00	5,000	220,015		
		5,000	220,620	3,500	220,665	-3,00	356+0,000		220,770	218,299	2,471	3,500	220,665	-3,00	5,000	220,620		
		5,000	221,225	3,500	221,270	-3,00	357+0,000		221,375	219,282	2,093	3,500	221,270	-3,00	5,000	221,225		
		5,000	221,829	3,500	221,874	-3,00	358+0,000		221,979	220,130	1,849	3,500	221,874	-3,00	5,000	221,829		
		5,000	222,424	3,500	222,479	-3,00	359+0,000		222,584	221,111	1,473	3,500	222,479	-3,00	5,000	222,424		



HASH: 18048515d507f0f8c8eb88e653abe1f5c4e251f92d991d610ebc76d72197. Documento assinado digitalmente, valide em <https://aquiliscos.seplag.mt.gov.br/floowee-pub/validar/HCT19-LG29-96S1-F37W>. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025.

SINFRACAP202586578A

Nota de Serviço de Pavimento Acabado																	
Rodovia : MT-247																	
Lado Esquerdo							Lado Direto										
Offset		Bordo Acostamento		Bordo Semi-Pista			Eixo				Bordo Semi-Pista			Bordo Acostamento		Offset	
Afast. (m)	Cota (m)	Afast. (m)	Cota (m)	Afast. (m)	Ind. (%)		Estaca	Pontos Notáveis Horizontal	Pontos Notáveis Vertical	Cota Projeto	Cota Terreno	Cota Vermelha	Afast. (m)	Cota (m)	Ind. (%)	Afast. (m)	Cota (m)
		5,000	223,038	3,500	223,083	-3,00	360+0,000			223,188	222,060	1,128	3,500	223,083	-3,00	5,000	223,038
		5,000	223,643	3,500	223,688	-3,00	361+0,000			223,793	222,830	0,963	3,500	223,688	-3,00	5,000	223,643
		5,000	224,247	3,500	224,292	-3,00	362+0,000			224,397	223,954	0,443	3,500	224,292	-3,00	5,000	224,247
		5,000	224,852	3,500	224,897	-3,00	363+0,000			225,002	224,955	0,047	3,500	224,897	-3,00	5,000	224,852
		5,000	225,456	3,500	225,501	-3,00	364+0,000			225,606	225,726	-0,120	3,500	225,501	-3,00	5,000	225,456
		5,000	226,061	3,500	226,106	-3,00	365+0,000			226,211	226,259	-0,048	3,500	226,106	-3,00	5,000	226,061
		5,000	226,666	3,500	226,711	-3,00	366+0,000			226,816	226,780	0,036	3,500	226,711	-3,00	5,000	226,666
		5,000	227,270	3,500	227,315	-3,00	367+0,000			227,420	227,047	0,373	3,500	227,315	-3,00	5,000	227,270
		5,000	227,875	3,500	227,920	-3,00	368+0,000			228,025	227,304	0,721	3,500	227,920	-3,00	5,000	227,875
		5,000	228,479	3,500	228,524	-3,00	369+0,000			228,629	227,522	1,107	3,500	228,524	-3,00	5,000	228,479
		5,000	229,084	3,500	229,129	-3,00	370+0,000			229,234	227,746	1,488	3,500	229,129	-3,00	5,000	229,084
		5,000	229,689	3,500	229,734	-2,98	371+0,000			229,838	228,051	1,787	3,500	229,733	-3,00	5,000	229,688
		5,000	229,911	3,500	229,951	-2,68	371+6,835		PCV	230,045	228,154	1,891	3,500	229,940	-3,00	5,000	229,895
		5,000	229,923	3,500	229,963	-2,66	371+7,185		TS	230,056	228,160	1,896	3,500	229,951	-3,00	5,000	229,906
		5,000	230,386	3,500	230,401	-1,03	372+0,000			230,437	228,412	2,025	3,500	230,332	-3,00	5,000	230,287
		5,000	231,128	3,500	231,093	2,29	373+0,000			231,013	228,799	2,214	3,500	230,903	-3,14	5,000	230,856
		5,000	231,841	3,500	231,757	5,58	374+0,000			231,562	229,184	2,378	3,500	231,367	-5,58	5,000	231,283
		5,000	232,073	3,500	231,977	6,39	374+7,185		SC	231,753	229,285	2,468	3,500	231,529	-6,39	5,000	231,434
		5,000	232,426	3,500	232,324	6,80	375+0,000			232,086	229,503	2,583	3,500	231,848	-6,80	5,000	231,746
		5,000	232,925	3,500	232,823	6,80	376+0,000			232,585	230,059	2,526	3,500	232,347	-6,80	5,000	232,245
		5,000	233,398	3,500	233,296	6,80	377+0,000			233,058	230,649	2,409	3,500	232,820	-6,80	5,000	232,718
		5,000	233,846	3,500	233,744	6,80	378+0,000			233,506	231,152	2,354	3,500	233,268	-6,80	5,000	233,166
		5,000	233,850	3,500	233,748	6,80	378+0,206			233,510	231,156	2,354	3,500	233,272	-6,80	5,000	233,170
		5,000	234,268	3,500	234,166	6,80	379+0,000			233,928	231,780	2,148	3,500	233,690	-6,80	5,000	233,588
		5,000	234,665	3,500	234,563	6,80	380+0,000			234,325	232,533	1,792	3,500	234,087	-6,80	5,000	233,985
		5,000	235,036	3,500	234,934	6,80	381+0,000			234,696	233,230	1,466	3,500	234,458	-6,80	5,000	234,356
		5,000	235,247	3,500	235,151	6,39	381+13,226		CS	234,927	233,796	1,131	3,500	234,703	-6,39	5,000	234,608



HASH: 18048515d5070f58bce8b8de53abef15cde25f1929d991d610ebca76d2197. Documento assinado digitalmente, válido em https://arquivos.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9CSJ-F37W. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
 HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, RAFAEL DEL GROSSI SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Emitido em 29/09/2025 10:21:47 por AMANDA ARAUJO.



Rodovia : MT-247

[illegible]

HASH: 18048515d507f0f8c8e68b8e53abe1.5c0e251f929d991d610ebc76d2197. Documento assinado digitalmente, valide em <https://aquilascopes.seplag.mt.gov.br/flowbee-pub/validar/HCT19-LG29-9653-F37W>. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025.

HASH: 18048515d5070f58bce8b8de53abef15cde25f1929d991d610ebcd76d2197. Documento assinado digitalmente, valide em <https://aquissicoes.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LGZ9-9CSJ-F37W>. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
· HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOARES em 11/09/2025, RAFAEL DEL GROSSI SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.

7.0 - COORDENADAS DO EIXO LOCADO



SINFRACAP202586578A



Relatório de Alinhamento Horizontal por Estaca
Alinhamento: MT-247

Estaca	Norte	Este
0+0,000	8.313.823,928	380.207,507
1+0,000	8.313.826,226	380.187,639
2+0,000	8.313.828,523	380.167,772
3+0,000	8.313.830,821	380.147,904
4+0,000	8.313.833,118	380.128,036
5+0,000	8.313.835,416	380.108,169
6+0,000	8.313.837,714	380.088,301
7+0,000	8.313.840,011	380.068,434
8+0,000	8.313.842,309	380.048,566
8+13,987 PC	8.313.843,916	380.034,671
9+0,000	8.313.844,612	380.028,699
10+0,000	8.313.847,016	380.008,844
11+0,000	8.313.849,552	379.989,006
12+0,000	8.313.852,220	379.969,184
13+0,000	8.313.855,020	379.949,381
13+1,527 PT	8.313.855,239	379.947,870
14+0,000	8.313.857,896	379.929,589
15+0,000	8.313.860,772	379.909,797
16+0,000	8.313.863,648	379.890,005
17+0,000	8.313.866,525	379.870,213
18+0,000	8.313.869,401	379.850,421
19+0,000	8.313.872,277	379.830,629
20+0,000	8.313.875,153	379.810,837
21+0,000	8.313.878,030	379.791,045
22+0,000	8.313.880,906	379.771,253
23+0,000	8.313.883,782	379.751,460
24+0,000	8.313.886,658	379.731,668
25+0,000	8.313.889,534	379.711,876
26+0,000	8.313.892,411	379.692,084
27+0,000	8.313.895,287	379.672,292
28+0,000	8.313.898,163	379.652,500
29+0,000	8.313.901,039	379.632,708
30+0,000	8.313.903,916	379.612,916
31+0,000	8.313.906,792	379.593,124
32+0,000	8.313.909,668	379.573,332
33+0,000	8.313.912,544	379.553,539
34+0,000	8.313.915,421	379.533,747
35+0,000	8.313.918,297	379.513,955
36+0,000	8.313.921,173	379.494,163
37+0,000	8.313.924,049	379.474,371
38+0,000	8.313.926,926	379.454,579
39+0,000	8.313.929,802	379.434,787

HASH: 18048515d5070f58bce8b8de53abef15cde25f1929d991d610ebcd76d2197. Documento assinado digitalmente, válido em https://aquissicoes.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9CSJ-F37W. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
 HELIO MARQUES DE ARRUDA em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.



Relatório de Alinhamento Horizontal por Estaca
Alinhamento: MT-247

Estaca	Norte	Este
40+0,000	8.313.932,678	379.414,995
41+0,000	8.313.935,554	379.395,203
42+0,000	8.313.938,431	379.375,410
43+0,000	8.313.941,307	379.355,618
44+0,000	8.313.944,183	379.335,826
45+0,000	8.313.947,059	379.316,034
46+0,000	8.313.949,935	379.296,242
47+0,000	8.313.952,812	379.276,450
48+0,000	8.313.955,688	379.256,658
49+0,000	8.313.958,564	379.236,866
50+0,000	8.313.961,440	379.217,074
50+5,441 TE	8.313.962,223	379.211,690
51+0,000	8.313.964,304	379.197,280
52+0,000	8.313.967,023	379.177,466
53+0,000	8.313.969,398	379.157,608
54+0,000	8.313.971,232	379.137,693
54+5,441 EC	8.313.971,610	379.132,265
55+0,000	8.313.972,334	379.117,724
56+0,000	8.313.972,638	379.097,728
57+0,000	8.313.972,142	379.077,735
58+0,000	8.313.970,847	379.057,779
59+0,000	8.313.968,755	379.037,890
60+0,000	8.313.965,869	379.018,101
61+0,000	8.313.962,194	378.998,442
62+0,000	8.313.957,736	378.978,947
63+0,000	8.313.952,502	378.959,645
64+0,000	8.313.946,500	378.940,569
65+0,000	8.313.939,740	378.921,747
65+16,973 CE	8.313.933,417	378.905,997
66+0,000	8.313.932,233	378.903,211
67+0,000	8.313.924,037	378.884,968
68+0,000	8.313.915,324	378.866,966
69+0,000	8.313.906,280	378.849,128
69+16,973 ET	8.313.898,479	378.834,054
70+0,000	8.313.897,085	378.831,368
71+0,000	8.313.887,872	378.813,616
72+0,000	8.313.878,658	378.795,865
73+0,000	8.313.869,445	378.778,113
74+0,000	8.313.860,231	378.760,362
75+0,000	8.313.851,018	378.742,610
76+0,000	8.313.841,804	378.724,859
77+0,000	8.313.832,591	378.707,108

HASH: 18048515d5070f58bce8b8de53abef15cde25f1929d991d610ebcd76d2197. Documento assinado digitalmente, válido em https://aquissicoes.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9CSJ-F37W. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
 HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.



Relatório de Alinhamento Horizontal por Estaca
Alinhamento: MT-247

Estaca	Norte	Este
78+0,000	8.313.823,377	378.689,356
79+0,000	8.313.814,164	378.671,605
80+0,000	8.313.804,951	378.653,853
81+0,000	8.313.795,737	378.636,102
82+0,000	8.313.786,524	378.618,351
83+0,000	8.313.777,310	378.600,599
84+0,000	8.313.768,097	378.582,848
85+0,000	8.313.758,883	378.565,096
86+0,000	8.313.749,670	378.547,345
87+0,000	8.313.740,457	378.529,594
88+0,000	8.313.731,243	378.511,842
89+0,000	8.313.722,030	378.494,091
90+0,000	8.313.712,816	378.476,339
91+0,000	8.313.703,603	378.458,588
92+0,000	8.313.694,389	378.440,837
93+0,000	8.313.685,176	378.423,085
94+0,000	8.313.675,962	378.405,334
95+0,000	8.313.666,749	378.387,582
96+0,000	8.313.657,536	378.369,831
97+0,000	8.313.648,322	378.352,079
98+0,000	8.313.639,109	378.334,328
99+0,000	8.313.629,895	378.316,577
100+0,000	8.313.620,682	378.298,825
101+0,000	8.313.611,468	378.281,074
102+0,000	8.313.602,255	378.263,322
103+0,000	8.313.593,041	378.245,571
104+0,000	8.313.583,828	378.227,820
105+0,000	8.313.574,615	378.210,068
106+0,000	8.313.565,401	378.192,317
107+0,000	8.313.556,188	378.174,565
108+0,000	8.313.546,974	378.156,814
109+0,000	8.313.537,761	378.139,063
110+0,000	8.313.528,547	378.121,311
111+0,000	8.313.519,334	378.103,560
112+0,000	8.313.510,120	378.085,808
113+0,000	8.313.500,907	378.068,057
114+0,000	8.313.491,694	378.050,306
115+0,000	8.313.482,480	378.032,554
116+0,000	8.313.473,267	378.014,803
117+0,000	8.313.464,053	377.997,051
118+0,000	8.313.454,840	377.979,300
119+0,000	8.313.445,626	377.961,549

HASH: 18048515d5070f58bce8b8de53abef15cde25f1929d991d610ebcd76d2197. Documento assinado digitalmente, válido em https://aquissioes.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9CSJ-F37W. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.



Relatório de Alinhamento Horizontal por Estaca
Alinhamento: MT-247

Estaca	Norte	Este
120+0,000	8.313.436,413	377.943,797
121+0,000	8.313.427,200	377.926,046
122+0,000	8.313.417,986	377.908,294
123+0,000	8.313.408,773	377.890,543
124+0,000	8.313.399,559	377.872,791
125+0,000	8.313.390,346	377.855,040
126+0,000	8.313.381,132	377.837,289
127+0,000	8.313.371,919	377.819,537
128+0,000	8.313.362,705	377.801,786
129+0,000	8.313.353,492	377.784,034
130+0,000	8.313.344,279	377.766,283
131+0,000	8.313.335,065	377.748,532
132+0,000	8.313.325,852	377.730,780
133+0,000	8.313.316,638	377.713,029
133+15,468 PC	8.313.309,513	377.699,300
134+0,000	8.313.307,432	377.695,273
135+0,000	8.313.298,435	377.677,412
136+0,000	8.313.289,736	377.659,403
137+0,000	8.313.281,339	377.641,252
138+0,000	8.313.273,245	377.622,963
138+4,491 PT	8.313.271,469	377.618,837
139+0,000	8.313.265,365	377.604,581
140+0,000	8.313.257,492	377.586,195
141+0,000	8.313.249,620	377.567,810
142+0,000	8.313.241,747	377.549,424
143+0,000	8.313.233,875	377.531,039
144+0,000	8.313.226,003	377.512,653
145+0,000	8.313.218,130	377.494,268
146+0,000	8.313.210,258	377.475,882
147+0,000	8.313.202,386	377.457,497
148+0,000	8.313.194,513	377.439,111
149+0,000	8.313.186,641	377.420,726
150+0,000	8.313.178,768	377.402,340
151+0,000	8.313.170,896	377.383,955
151+16,753 TE	8.313.164,302	377.368,554
152+0,000	8.313.163,024	377.365,569
153+0,000	8.313.155,210	377.347,159
154+0,000	8.313.147,661	377.328,639
154+6,753 EC	8.313.145,213	377.322,345
155+0,000	8.313.140,597	377.309,929
156+0,000	8.313.134,110	377.291,011
157+0,000	8.313.128,208	377.271,902

HASH: 18048515d5070f58bce8b8de53abef15cde25f1929d991d610ebcd76d2197. Documento assinado digitalmente, válido em https://aquissicoes.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9CSJ-F37W. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
 HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.



Relatório de Alinhamento Horizontal por Estaca
Alinhamento: MT-247

Estaca	Norte	Este
158+0,000	8.313.122,897	377.252,621
159+0,000	8.313.118,181	377.233,186
159+2,979 CE	8.313.117,530	377.230,279
160+0,000	8.313.114,041	377.213,620
161+0,000	8.313.110,298	377.193,973
161+12,979 ET	8.313.107,969	377.181,205
162+0,000	8.313.106,714	377.174,297
163+0,000	8.313.103,142	377.154,619
164+0,000	8.313.099,569	377.134,940
165+0,000	8.313.095,996	377.115,262
166+0,000	8.313.092,423	377.095,584
167+0,000	8.313.088,850	377.075,905
168+0,000	8.313.085,278	377.056,227
169+0,000	8.313.081,705	377.036,549
169+3,712 TE	8.313.081,042	377.032,897
170+0,000	8.313.078,160	377.016,866
171+0,000	8.313.074,866	376.997,139
172+0,000	8.313.072,133	376.977,328
173+0,000	8.313.070,273	376.957,417
173+3,712 EC	8.313.070,049	376.953,712
174+0,000	8.313.069,574	376.937,432
175+0,000	8.313.070,125	376.917,443
176+0,000	8.313.071,923	376.897,527
177+0,000	8.313.074,962	376.877,763
178+0,000	8.313.079,229	376.858,227
179+0,000	8.313.084,708	376.838,995
180+0,000	8.313.091,378	376.820,143
181+0,000	8.313.099,212	376.801,745
182+0,000	8.313.108,180	376.783,872
183+0,000	8.313.118,246	376.766,594
184+0,000	8.313.129,373	376.749,978
185+0,000	8.313.141,515	376.734,090
185+6,091 CE	8.313.145,408	376.729,405
186+0,000	8.313.154,613	376.718,980
187+0,000	8.313.168,473	376.704,563
188+0,000	8.313.182,844	376.690,655
189+0,000	8.313.197,496	376.677,041
189+6,091 ET	8.313.201,981	376.672,920
190+0,000	8.313.212,224	376.663,511
191+0,000	8.313.226,953	376.649,981
192+0,000	8.313.241,683	376.636,452
193+0,000	8.313.256,412	376.622,922

HASH: 18048515d5070f58bce8b8de53abef15cde25f1929d991d610ebcd76d2197. Documento assinado digitalmente, válido em https://aquissioes.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9CSJ-F37W. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.



Relatório de Alinhamento Horizontal por Estaca
Alinhamento: MT-247

Estaca	Norte	Este
194+0,000	8.313.271,141	376.609,393
195+0,000	8.313.285,871	376.595,864
196+0,000	8.313.300,600	376.582,334
197+0,000	8.313.315,329	376.568,805
198+0,000	8.313.330,059	376.555,275
199+0,000	8.313.344,788	376.541,746
200+0,000	8.313.359,517	376.528,216
201+0,000	8.313.374,247	376.514,687
202+0,000	8.313.388,976	376.501,157
203+0,000	8.313.403,705	376.487,628
204+0,000	8.313.418,435	376.474,098
205+0,000	8.313.433,164	376.460,569
206+0,000	8.313.447,893	376.447,039
207+0,000	8.313.462,623	376.433,510
208+0,000	8.313.477,352	376.419,980
209+0,000	8.313.492,082	376.406,451
210+0,000	8.313.506,811	376.392,922
211+0,000	8.313.521,540	376.379,392
212+0,000	8.313.536,270	376.365,863
213+0,000	8.313.550,999	376.352,333
214+0,000	8.313.565,728	376.338,804
215+0,000	8.313.580,458	376.325,274
216+0,000	8.313.595,187	376.311,745
217+0,000	8.313.609,916	376.298,215
218+0,000	8.313.624,646	376.284,686
219+0,000	8.313.639,375	376.271,156
220+0,000	8.313.654,104	376.257,627
221+0,000	8.313.668,834	376.244,097
222+0,000	8.313.683,563	376.230,568
223+0,000	8.313.698,292	376.217,038
224+0,000	8.313.713,022	376.203,509
225+0,000	8.313.727,751	376.189,980
226+0,000	8.313.742,480	376.176,450
227+0,000	8.313.757,210	376.162,921
228+0,000	8.313.771,939	376.149,391
229+0,000	8.313.786,668	376.135,862
230+0,000	8.313.801,398	376.122,332
231+0,000	8.313.816,127	376.108,803
232+0,000	8.313.830,856	376.095,273
233+0,000	8.313.845,586	376.081,744
234+0,000	8.313.860,315	376.068,214
235+0,000	8.313.875,044	376.054,685

HASH: 18048515d5070f58bce8b8de53abef15cde25f1929d991d610ebcd76d2197. Documento assinado digitalmente, válido em https://aquissioes.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9CSJ-F37W. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
 . HELIO MARQUES DE ARRUDA em 11/09/2025. DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025. LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.



Relatório de Alinhamento Horizontal por Estaca
Alinhamento: MT-247

Estaca	Norte	Este
236+0,000	8.313.889,774	376.041,155
237+0,000	8.313.904,503	376.027,626
238+0,000	8.313.919,232	376.014,097
239+0,000	8.313.933,962	376.000,567
240+0,000	8.313.948,691	375.987,038
240+12,945 PC	8.313.958,225	375.978,281
241+0,000	8.313.963,417	375.973,504
242+0,000	8.313.978,100	375.959,925
242+5,187 PT	8.313.981,900	375.956,393
243+0,000	8.313.992,744	375.946,303
244+0,000	8.314.007,386	375.932,678
245+0,000	8.314.022,027	375.919,054
246+0,000	8.314.036,669	375.905,430
247+0,000	8.314.051,311	375.891,806
248+0,000	8.314.065,953	375.878,182
249+0,000	8.314.080,595	375.864,558
250+0,000	8.314.095,236	375.850,934
251+0,000	8.314.109,878	375.837,309
252+0,000	8.314.124,520	375.823,685
253+0,000	8.314.139,162	375.810,061
254+0,000	8.314.153,804	375.796,437
255+0,000	8.314.168,445	375.782,813
256+0,000	8.314.183,087	375.769,189
257+0,000	8.314.197,729	375.755,564
258+0,000	8.314.212,371	375.741,940
259+0,000	8.314.227,013	375.728,316
260+0,000	8.314.241,654	375.714,692
261+0,000	8.314.256,296	375.701,068
262+0,000	8.314.270,938	375.687,444
263+0,000	8.314.285,580	375.673,819
264+0,000	8.314.300,222	375.660,195
265+0,000	8.314.314,863	375.646,571
266+0,000	8.314.329,505	375.632,947
267+0,000	8.314.344,147	375.619,323
268+0,000	8.314.358,789	375.605,699
269+0,000	8.314.373,431	375.592,074
270+0,000	8.314.388,072	375.578,450
271+0,000	8.314.402,714	375.564,826
272+0,000	8.314.417,356	375.551,202
273+0,000	8.314.431,998	375.537,578
274+0,000	8.314.446,640	375.523,954
275+0,000	8.314.461,281	375.510,329

HASH: 18048515d5070f58bce8b8de53abef15cde25f1929d991d610ebcd76d2197. Documento assinado digitalmente, válido em https://aquissicoes.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9CSJ-F37W. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
 HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.



Relatório de Alinhamento Horizontal por Estaca
Alinhamento: MT-247

Estaca	Norte	Este
276+0,000	8.314.475,923	375.496,705
277+0,000	8.314.490,565	375.483,081
278+0,000	8.314.505,207	375.469,457
279+0,000	8.314.519,848	375.455,833
280+0,000	8.314.534,490	375.442,209
281+0,000	8.314.549,132	375.428,584
282+0,000	8.314.563,774	375.414,960
283+0,000	8.314.578,416	375.401,336
284+0,000	8.314.593,057	375.387,712
285+0,000	8.314.607,699	375.374,088
286+0,000	8.314.622,341	375.360,464
287+0,000	8.314.636,983	375.346,839
288+0,000	8.314.651,625	375.333,215
289+0,000	8.314.666,266	375.319,591
290+0,000	8.314.680,908	375.305,967
291+0,000	8.314.695,550	375.292,343
292+0,000	8.314.710,192	375.278,719
293+0,000	8.314.724,834	375.265,094
294+0,000	8.314.739,475	375.251,470
295+0,000	8.314.754,117	375.237,846
296+0,000	8.314.768,759	375.224,222
297+0,000	8.314.783,401	375.210,598
297+10,995 TE	8.314.791,450	375.203,108
298+0,000	8.314.798,049	375.196,980
299+0,000	8.314.812,880	375.183,564
299+10,995 EC	8.314.821,243	375.176,426
300+0,000	8.314.828,248	375.170,768
301+0,000	8.314.844,312	375.158,858
302+0,000	8.314.861,030	375.147,886
302+13,577 CE	8.314.872,724	375.140,989
303+0,000	8.314.878,346	375.137,883
304+0,000	8.314.896,109	375.128,694
304+13,577 ET	8.314.908,283	375.122,685
305+0,000	8.314.914,050	375.119,855
306+0,000	8.314.932,003	375.111,042
307+0,000	8.314.949,957	375.102,229
308+0,000	8.314.967,910	375.093,416
309+0,000	8.314.985,864	375.084,603
310+0,000	8.315.003,817	375.075,790
311+0,000	8.315.021,771	375.066,977
312+0,000	8.315.039,725	375.058,164
313+0,000	8.315.057,678	375.049,351

HASH: 18048515d5070f58bce8b8de53abef15cde25f1929d991d610ebcd76d2197. Documento assinado digitalmente, válido em https://aquissicoes.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9CSJ-F37W. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
 HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.



Relatório de Alinhamento Horizontal por Estaca
Alinhamento: MT-247

Estaca	Norte	Este
314+0,000	8.315.075,632	375.040,538
315+0,000	8.315.093,585	375.031,725
316+0,000	8.315.111,539	375.022,912
317+0,000	8.315.129,493	375.014,099
318+0,000	8.315.147,446	375.005,286
319+0,000	8.315.165,400	374.996,473
320+0,000	8.315.183,353	374.987,660
321+0,000	8.315.201,307	374.978,847
322+0,000	8.315.219,260	374.970,033
323+0,000	8.315.237,214	374.961,220
324+0,000	8.315.255,168	374.952,407
325+0,000	8.315.273,121	374.943,594
326+0,000	8.315.291,075	374.934,781
327+0,000	8.315.309,028	374.925,968
328+0,000	8.315.326,982	374.917,155
329+0,000	8.315.344,935	374.908,342
330+0,000	8.315.362,889	374.899,529
331+0,000	8.315.380,843	374.890,716
331+17,944 TE	8.315.396,951	374.882,809
332+0,000	8.315.398,796	374.881,903
333+0,000	8.315.416,671	374.872,934
334+0,000	8.315.434,140	374.863,201
334+17,944 EC	8.315.449,092	374.853,291
335+0,000	8.315.450,742	374.852,065
336+0,000	8.315.465,983	374.839,132
337+0,000	8.315.479,599	374.824,499
338+0,000	8.315.491,404	374.808,369
339+0,000	8.315.501,234	374.790,965
340+0,000	8.315.508,954	374.772,527
341+0,000	8.315.514,456	374.753,310
341+7,717 CE	8.315.515,968	374.745,744
342+0,000	8.315.517,694	374.733,585
343+0,000	8.315.519,083	374.713,638
344+0,000	8.315.519,387	374.693,641
344+7,717 ET	8.315.519,380	374.685,924
345+0,000	8.315.519,357	374.673,641
346+0,000	8.315.519,321	374.653,641
347+0,000	8.315.519,284	374.633,641
348+0,000	8.315.519,247	374.613,641
349+0,000	8.315.519,210	374.593,641
350+0,000	8.315.519,174	374.573,641
351+0,000	8.315.519,137	374.553,641

HASH: 18048515d5070f58bce8b8de53abef15cde25f1929d991d610ebcd76d2197. Documento assinado digitalmente, válido em https://aquissicoes.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9CSJ-F37W. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
 HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.



Relatório de Alinhamento Horizontal por Estaca
Alinhamento: MT-247

Estaca	Norte	Este
352+0,000	8.315.519,100	374.533,641
353+0,000	8.315.519,063	374.513,641
354+0,000	8.315.519,027	374.493,641
355+0,000	8.315.518,990	374.473,641
356+0,000	8.315.518,953	374.453,641
357+0,000	8.315.518,916	374.433,641
358+0,000	8.315.518,880	374.413,641
359+0,000	8.315.518,843	374.393,642
360+0,000	8.315.518,806	374.373,642
361+0,000	8.315.518,769	374.353,642
362+0,000	8.315.518,733	374.333,642
363+0,000	8.315.518,696	374.313,642
364+0,000	8.315.518,659	374.293,642
365+0,000	8.315.518,622	374.273,642
366+0,000	8.315.518,586	374.253,642
367+0,000	8.315.518,549	374.233,642
368+0,000	8.315.518,512	374.213,642
369+0,000	8.315.518,475	374.193,642
370+0,000	8.315.518,439	374.173,642
371+0,000	8.315.518,402	374.153,642
371+7,185 TE	8.315.518,389	374.146,457
372+0,000	8.315.518,394	374.133,642
373+0,000	8.315.518,819	374.113,648
374+0,000	8.315.520,336	374.093,710
374+7,185 EC	8.315.521,274	374.086,586
375+0,000	8.315.523,570	374.073,981
376+0,000	8.315.528,753	374.054,673
377+0,000	8.315.535,837	374.035,978
378+0,000	8.315.544,753	374.018,085
379+0,000	8.315.555,410	374.001,171
380+0,000	8.315.567,702	373.985,405
381+0,000	8.315.581,507	373.970,945
381+13,226 CE	8.315.591,401	373.962,171
382+0,000	8.315.596,684	373.957,932
383+0,000	8.315.612,939	373.946,287
384+0,000	8.315.629,816	373.935,557
384+13,226 ET	8.315.641,127	373.928,702
385+0,000	8.315.646,928	373.925,205
386+0,000	8.315.664,057	373.914,881
387+0,000	8.315.681,186	373.904,557
388+0,000	8.315.698,316	373.894,232
389+0,000	8.315.715,445	373.883,908

HASH: 18048515d5070f58bce8b8de53abef15cde25f1929d991d610ebcd76d2197. Documento assinado digitalmente, válido em <https://aquissicoes.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9CSJ-F37W>. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
 . HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.



Relatório de Alinhamento Horizontal por Estaca
Alinhamento: MT-247

Estaca	Norte	Este
390+0,000	8.315.732,574	373.873,583
391+0,000	8.315.749,703	373.863,259
392+0,000	8.315.766,832	373.852,935
393+0,000	8.315.783,961	373.842,610
394+0,000	8.315.801,090	373.832,286
395+0,000	8.315.818,219	373.821,961
396+0,000	8.315.835,349	373.811,637
397+0,000	8.315.852,478	373.801,313
398+0,000	8.315.869,607	373.790,988
399+0,000	8.315.886,736	373.780,664
400+0,000	8.315.903,865	373.770,340
401+0,000	8.315.920,994	373.760,015
402+0,000	8.315.938,123	373.749,691
403+0,000	8.315.955,253	373.739,366
404+0,000	8.315.972,382	373.729,042
405+0,000	8.315.989,511	373.718,718
406+0,000	8.316.006,640	373.708,393
407+0,000	8.316.023,769	373.698,069
408+0,000	8.316.040,898	373.687,745
409+0,000	8.316.058,027	373.677,420
410+0,000	8.316.075,156	373.667,096
411+0,000	8.316.092,286	373.656,771
412+0,000	8.316.109,415	373.646,447
413+0,000	8.316.126,544	373.636,123
414+0,000	8.316.143,673	373.625,798
415+0,000	8.316.160,802	373.615,474
416+0,000	8.316.177,931	373.605,149
417+0,000	8.316.195,060	373.594,825
418+0,000	8.316.212,190	373.584,501
419+0,000	8.316.229,319	373.574,176
420+0,000	8.316.246,448	373.563,852
421+0,000	8.316.263,577	373.553,528
422+0,000	8.316.280,706	373.543,203
423+0,000	8.316.297,835	373.532,879
424+0,000	8.316.314,964	373.522,554
425+0,000	8.316.332,093	373.512,230
426+0,000	8.316.349,223	373.501,906
427+0,000	8.316.366,352	373.491,581
428+0,000	8.316.383,481	373.481,257
429+0,000	8.316.400,610	373.470,933
430+0,000	8.316.417,739	373.460,608
431+0,000	8.316.434,868	373.450,284

HASH: 18048515d5070f58bce8b8de53abef15cde25f1929d991d610ebcd76d2197. Documento assinado digitalmente, válido em https://aquissioes.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9CSJ-F37W. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
 HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.



Relatório de Alinhamento Horizontal por Estaca
Alinhamento: MT-247

Estaca	Norte	Este
432+0,000	8.316.451,997	373.439,959
433+0,000	8.316.469,126	373.429,635
434+0,000	8.316.486,256	373.419,311
435+0,000	8.316.503,385	373.408,986
436+0,000	8.316.520,514	373.398,662
437+0,000	8.316.537,643	373.388,338
437+10,000 PI	8.316.546,207	373.383,176
438+0,000	8.316.554,948	373.378,316

HASH: 18048515d5070f58bce8b8de53abef15cde25f1929d991d610ebcd76d2197. Documento assinado digitalmente, válido em https://aqisicoes.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9CSJ-F37W. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
· HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.



HASH: 18048515d5070f58bce8b8de53abef15cde25f1929d991d610ebcd76d2197. Documento assinado digitalmente, valide em <https://aquissicoes.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LGZ9-9CSJ-F37W>. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.

8.0 - DECLARAÇÃO DE RESPONSABILIDADE



DECLARAÇÃO DE RESPONSABILIDADE

Os Engenheiros, Hélio Marques de Arruda, CREA RNP 1204216495, Devarley João dos Santos Souza, CREA RNP 1217246070 e Rafael Del Grossi Soares, CREA RNP 1211589331 e a Engenheira Luana dos Santos Viana, CREA RNP 1217260951, responsáveis pelos serviços de elaboração do Projeto Executivo de Implantação e Pavimentação, **DECLARAMOS** que calculamos e verificamos os quantitativos relativos a **Rodovia MT-247**, Trecho: Entr. MT-405 (Fim Pavimentação)(Fim PU Rio Branco) – Vila Roncador e Extensão: 8,76 km, pelo qual assumimos total responsabilidade.

HELIO MARQUES DE
ARRUDA:06479812115

Assinado de forma digital por HELIO MARQUES DE
ARRUDA:06479812115
DN: c=BR, o=ICP-Brasil, ou=AC SOLUTI Multipla v5, ou=04094217000240,
ou=Videoconferencia, ou=Certificado PF A1, cn=HELIO MARQUES DE
ARRUDA:06479812115
Dados: 2025.09.11 15:41:22 -04'00'

Engº Civil Hélio Marques de Arruda
CREA RNP 1204216495

DEVARLEY JOAO DOS
SANTOS SOUZA:35236167191

Assinado de forma digital por DEVARLEY JOAO DOS SANTOS
SOUZA:35236167191
DN: c=BR, o=ICP-Brasil, ou=AC SOLUTI Multipla v5,
ou=16371018000130, ou=Videoconferencia, ou=Certificado PF A1,
cn=DEVARLEY JOAO DOS SANTOS SOUZA:35236167191
Dados: 2025.09.11 15:46:26 -04'00'

Engº Civil Devarley João dos Santos Souza
CREA RNP 1217246070

RAFAEL DEL GROSSI
SOARES:95608958187

Assinado de forma digital por RAFAEL DEL GROSSI
SOARES:95608958187
DN: c=BR, o=ICP-Brasil, ou=AC SOLUTI Multipla v5,
ou=16371018000130, ou=Videoconferencia, ou=Certificado PF A1,
cn=RAFAEL DEL GROSSI SOARES:95608958187
Dados: 2025.09.11 15:53:11 -04'00'

Engº Civil e Ambiental Rafael Del Grossi Soares
CREA RNP 1211589331

LUANA DOS SANTOS
VIANA:04819009184

Assinado de forma digital por LUANA DOS SANTOS
VIANA:04819009184
DN: c=BR, o=ICP-Brasil, ou=Secretaria da Receita Federal do Brasil -
RFB, ou=RFB e CPF A1, ou=(EM BRANCO), ou=31488873000119,
ou=videoconferencia, cn=LUANA DOS SANTOS VIANA:04819009184
Dados: 2025.09.11 15:53:19 -04'00'

Engª Civil Luana dos Santos Viana
CREA RNP 1217260951

HASH: 18048515d5070f58bce8b8de53abef15c4e25f1929d991d610ebcd76d2197. Documento assinado digitalmente, valide em <https://aquissicoes.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9CSJ-F37W>. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, RAFAEL DEL GROSSI SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.



HASH: 18048515d5070f58bce8b8de53abef15cde25f1929d991d610ebcd76d2197. Documento assinado digitalmente, valide em <https://aquissicoes.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LGZ9-9GCSJ-F37W>. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
· HELIO MARQUES DE ARRUDA em 11/09/2025, HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOUZA em 11/09/2025, SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA CRISTINA REZENDE ARAUJO em 29/09/2025. Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.



9.0 - TERMO DE ENCERRAMENTO



9.0 - TERMO DE ENCERRAMENTO

O presente **Volume Anexo 3C – Cálculo dos Volumes e Notas de Serviço de Terraplenagem**, que faz parte da Elaboração do Projeto Executivo de Implantação e Pavimentação da Rodovia MT-247, Trecho: Entr. MT-405 (Fim Pavimentação)(Fim PU Rio Branco) – Vila Roncador e Extensão: 8,76 km, possui **72** (setenta e dois) folhas numericamente ordenadas.

HELIO MARQUES DE
ARRUDA:06479812115

Assinado de forma digital por HELIO MARQUES DE
ARRUDA:06479812115
DN: c=BR, o=ICP-Brasil, ou=AC SOLUTI Multipla v5,
ou=04094217000240, ou=Videoconferencia, ou=Certificado PF
A1, cn=HELIO MARQUES DE ARRUDA:06479812115
Dados: 2025.09.11 15:41:29 -04'00'

Engº Civil Hélio Marques de Arruda
CREA RNP 1204216495
Coordenador de Projetos

HASH: 18048515d5070f58bce8b8de53abef15cde25f1929d991d610ebcd76d2197. Documento assinado digitalmente, valide em <https://aquissocoes.seplag.mt.gov.br/flowbee-pub/#/validar/HCT9-LG29-9CSJ-F37W>. Assinado por: HELIO MARQUES DE ARRUDA em 11/09/2025
HELIO MARQUES DE ARRUDA em 11/09/2025, DEVARLEY JOAO DOS SANTOS SOARES em 11/09/2025, LUANA DOS SANTOS VIANA em 11/09/2025, AMANDA
CRISTINA REZENDE ARAUJO em 29/09/2025. Juntado em 29/09/2025 10:21:47 por AMANDA ARAUJO.

