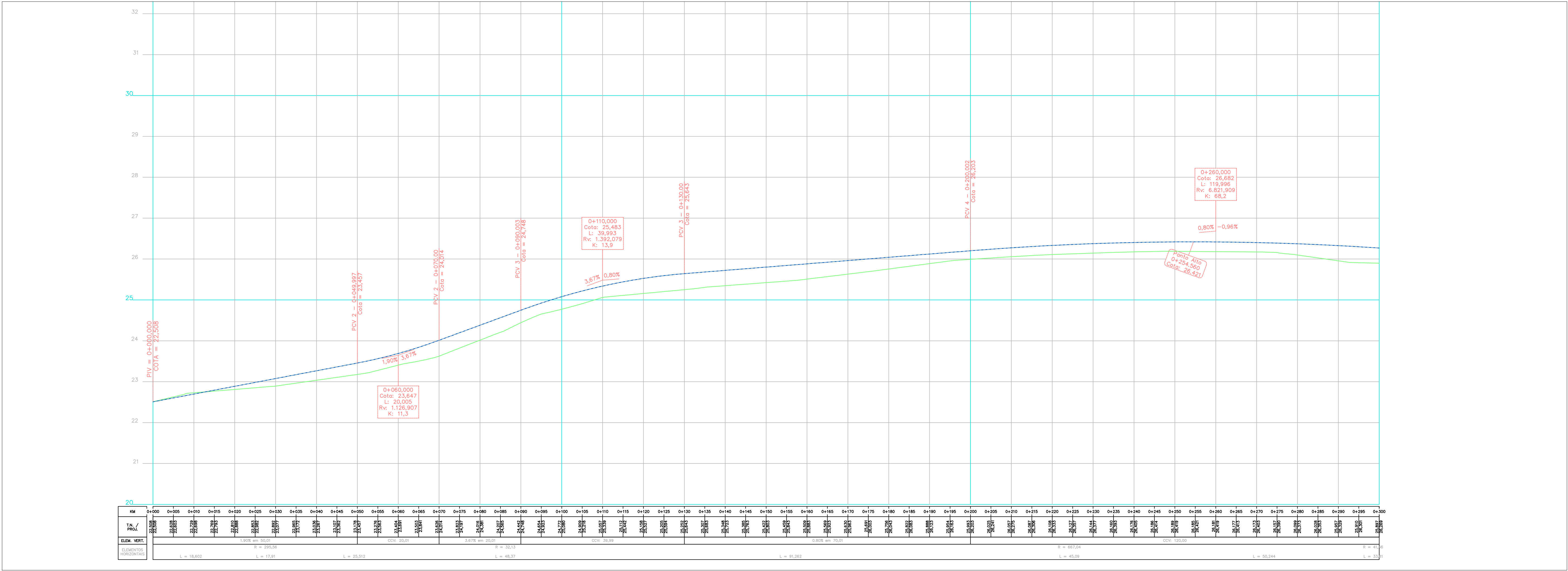
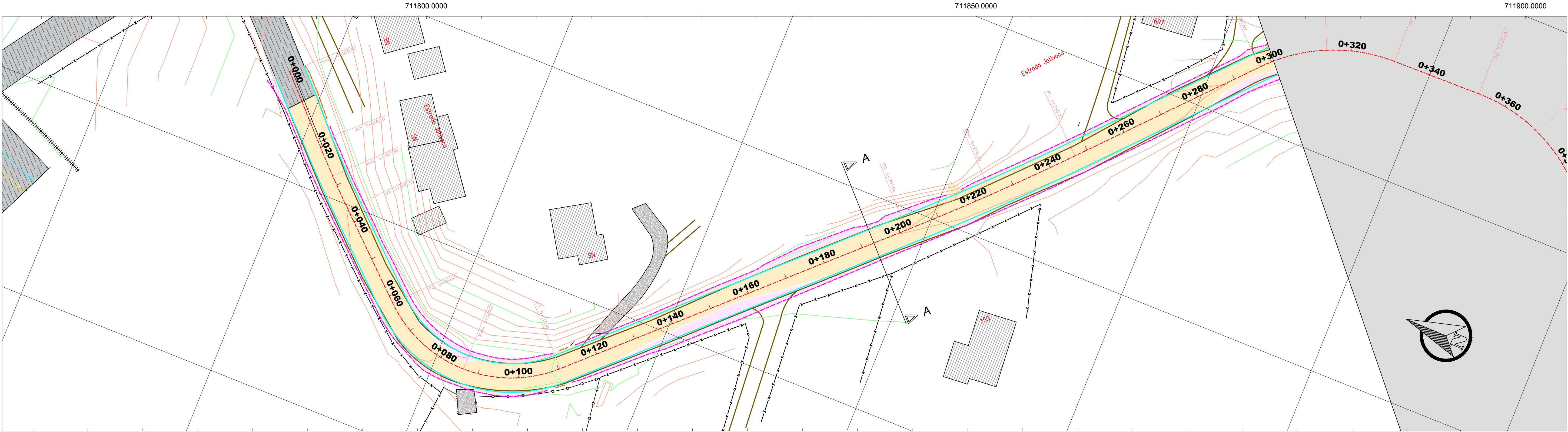
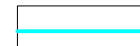
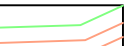
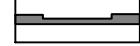
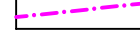
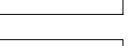






Prefeitura de Joinville

Proprietário:
MUNICÍPIO DE JOINVILLE

Objeto:
PROJETO DE PAVIMENTAÇÃO ASFALTICA

Endereço:
ESTRADA JATUVOCA

Responsável Técnico:
MARCOS CANCELIER MATTEI
Crea 112.799-7

Assinatura:


Conteúdo:
PROJETO TERRAPLENAGEM
PLANTA E PERFIL LONGITUDINAL
RESTITUIÇÃO TOPOGRÁFICA

Data:
NOVEMBRO/2024

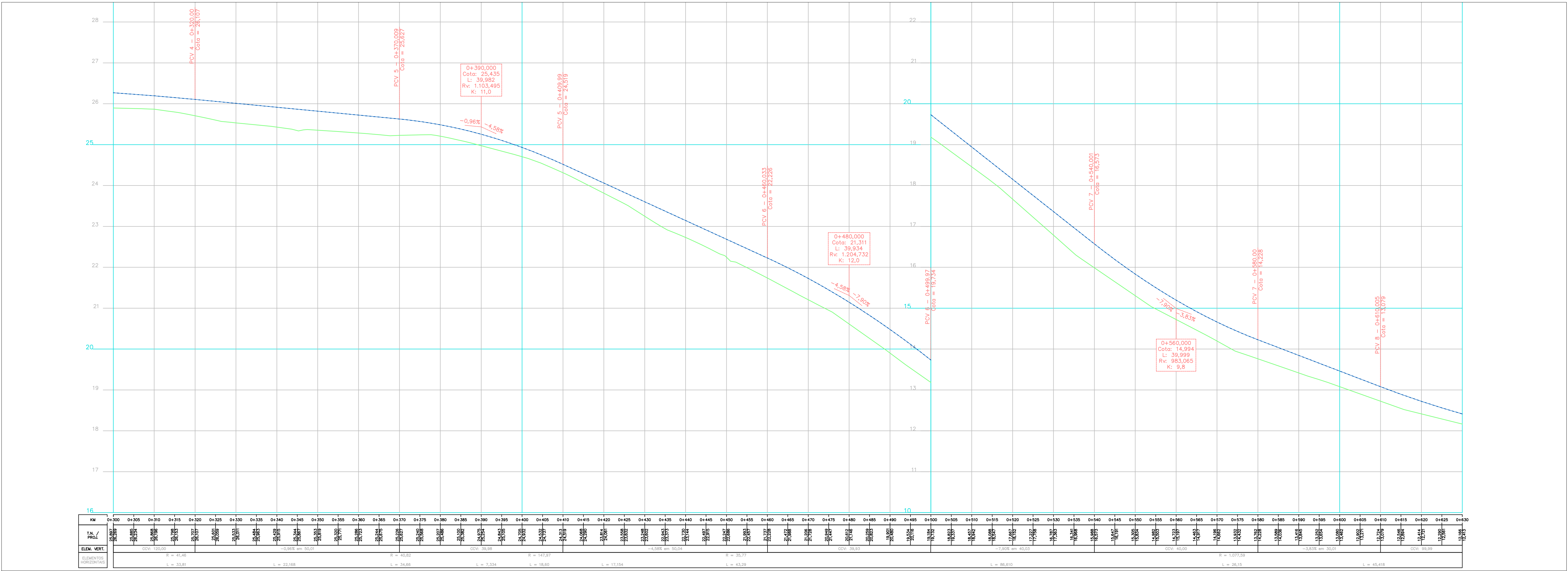
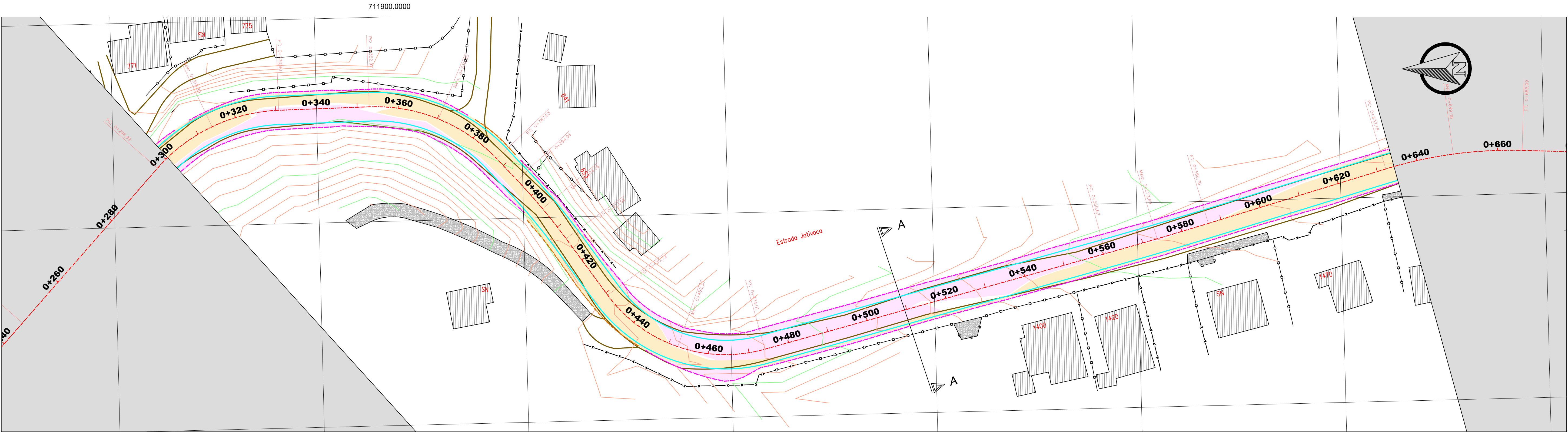
Escala:
h = 1 / 500 - v = 50

Revisão:
06

Folha:
1/22



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Proprietário:
MUNICÍPIO DE JOINVILLE

Objeto:
PROJETO DE PAVIMENTAÇÃO ASFALTICA

Endereço:
ESTRADA JATIVOCA

Responsável Técnico:
MARCOS CANCELIER MATTEI
Crea 112.799-7

Assinatura:

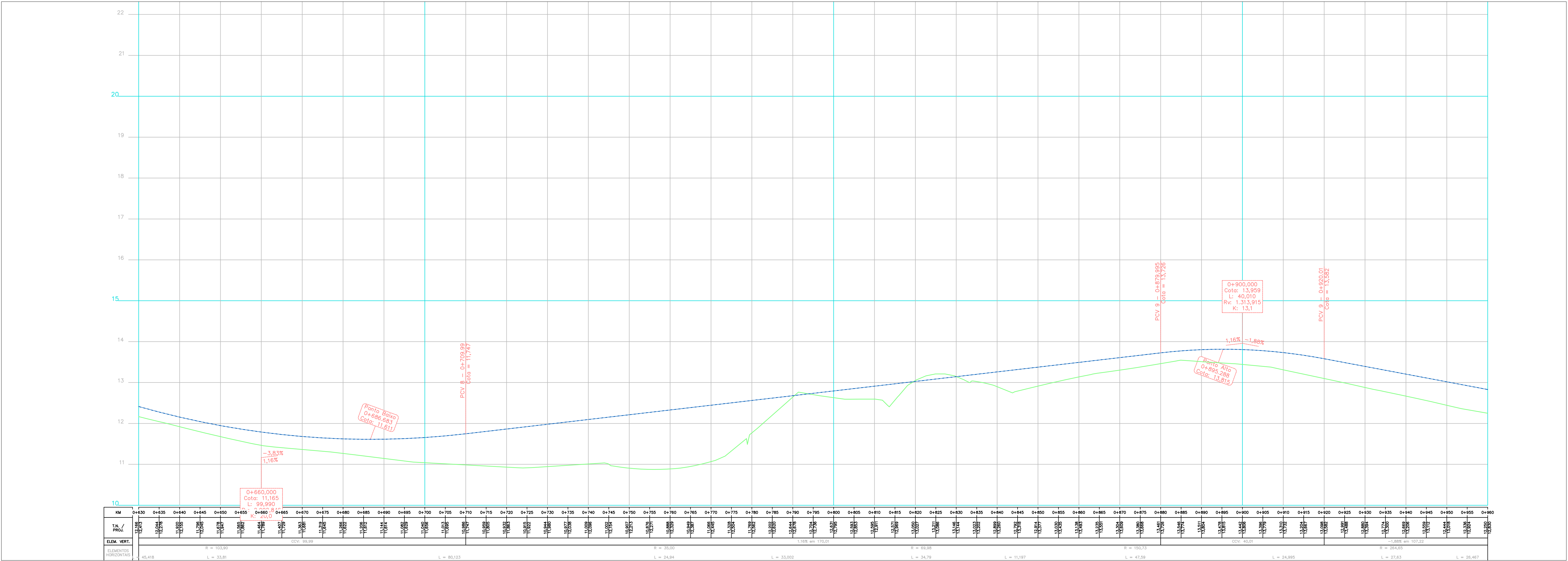
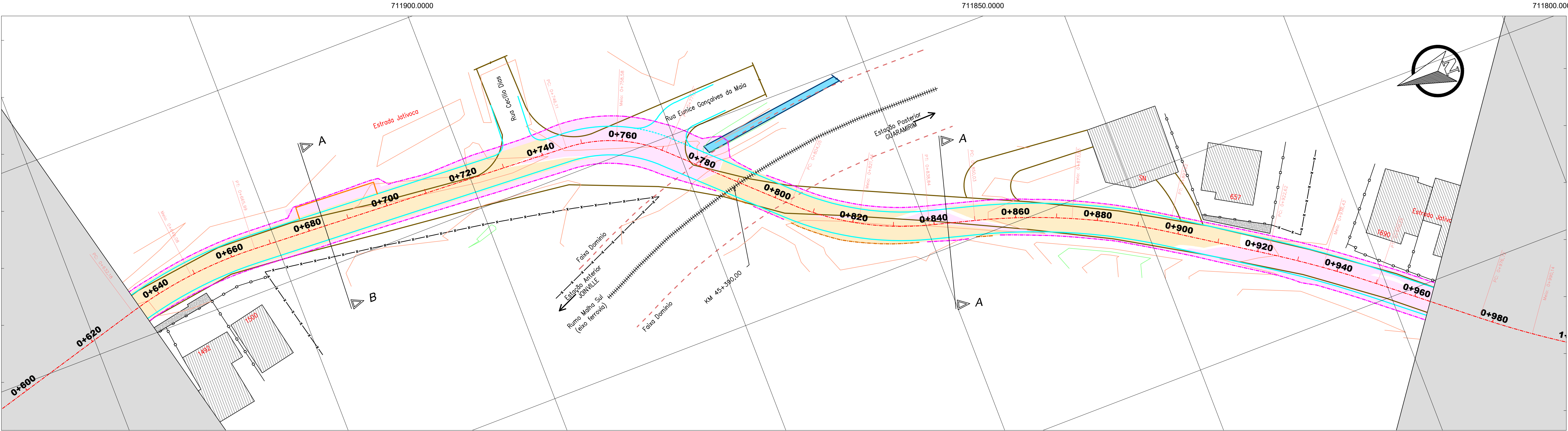
Conteúdo:
PROJETO TERRAPLENAGEM
PLANTA E PERFIL LONGITUDINAL
RESTITUIÇÃO TOPOGRÁFICA

Data:
NOVEMBRO/2024

Escala:
h = 1 / 500 - v = 50

Revisão:
06





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Proprietário:
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Endereço:
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Crea 112.799-7

Assinatura:

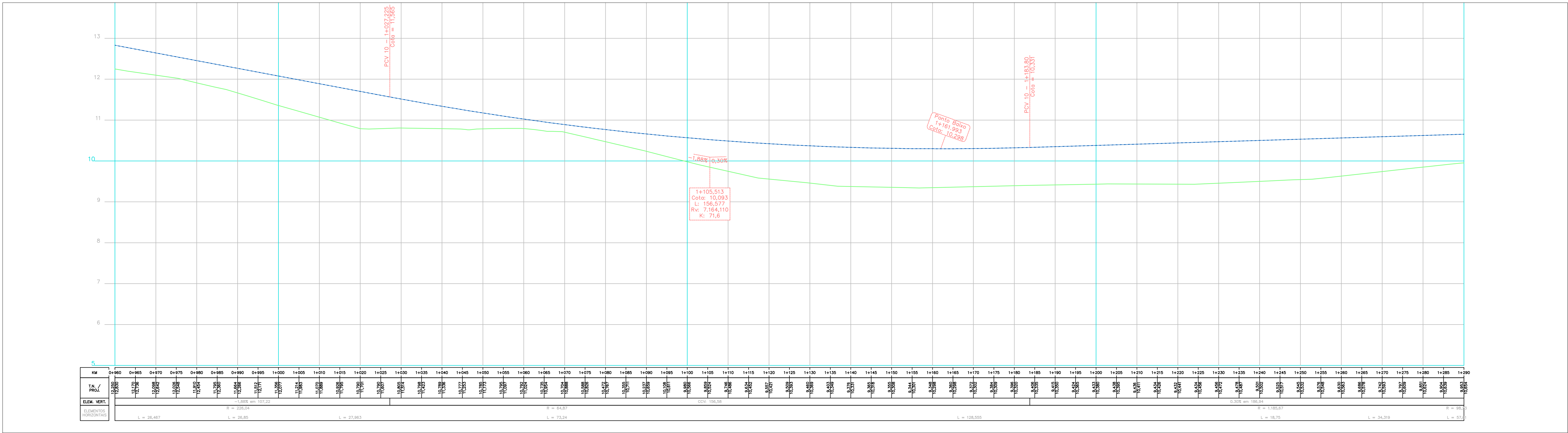
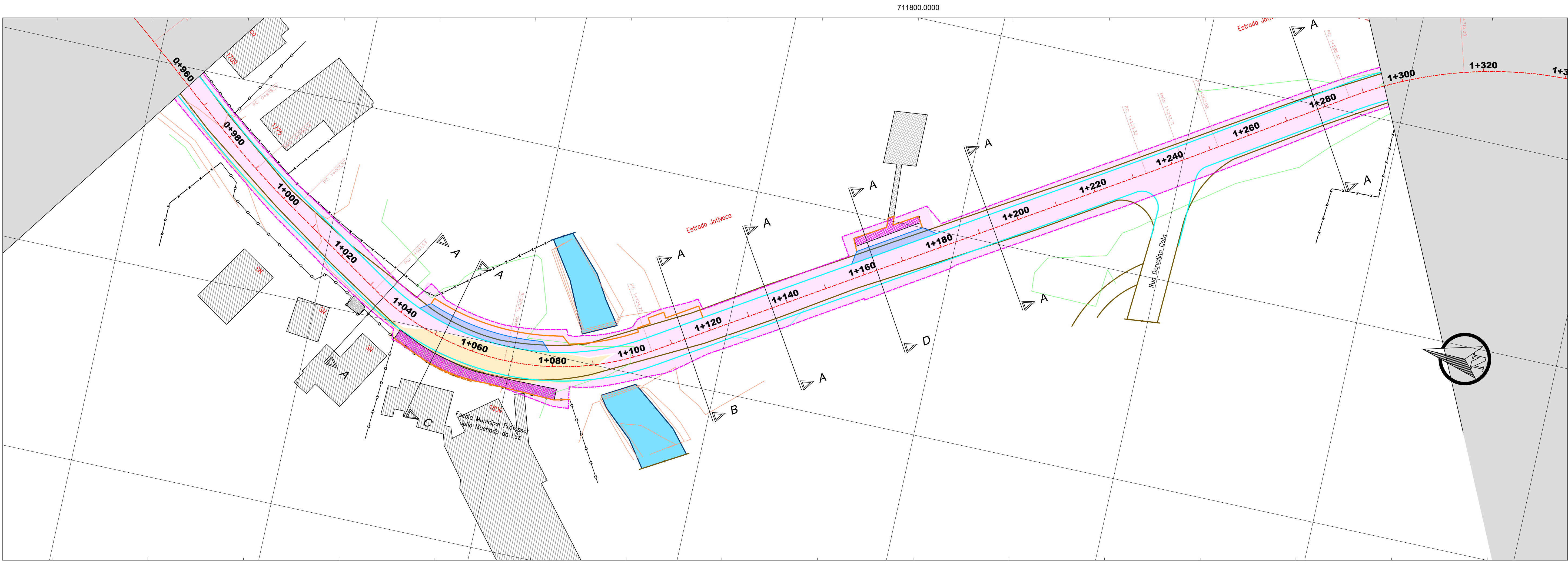
Conteúdo:
PROJETO TERRAPLENAGEM
PLANTA E PERFIL LONGITUDINAL
RESTITUIÇÃO TOPOGRÁFICA

Data:
NOVEMBRO/2024

Escala:
h = 1 / 500 - v = 50

Revisão:
06





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Proprietário:
MUNICÍPIO DE JOINVILLE

Objeto:
PROJETO DE PAVIMENTAÇÃO ASFALTICA

Endereço:
ESTRADA JATOVACA

Responsável Técnico:
MARCOS CANCELIER MATTEI
Crea 112.799-7

Assinatura:
Marcos Cancelier Mattei

Conteúdo:
PROJETO TERRAPLENAGEM
PLANTA E PERFIL LONGITUDINAL
RESTITUIÇÃO TOPOGRÁFICA

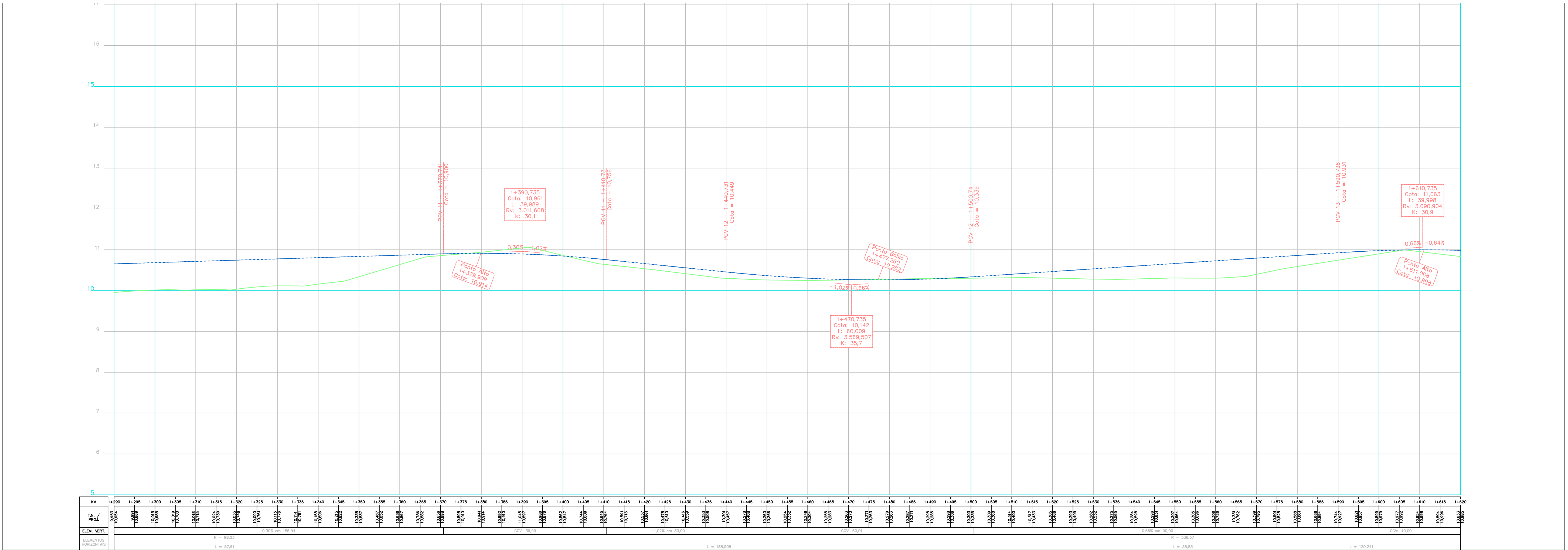
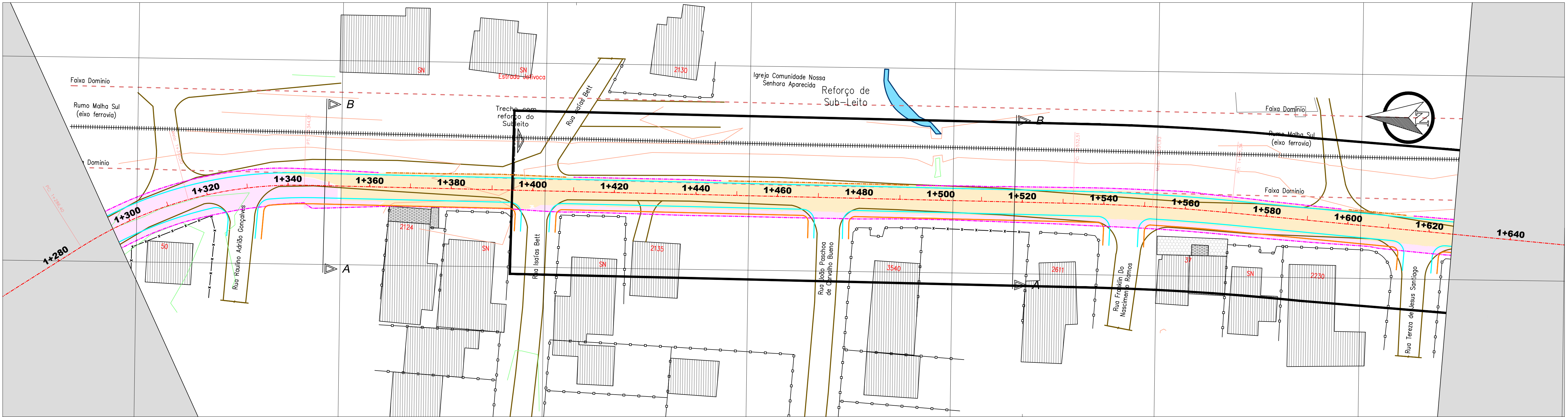
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NOVEMBRO/2024

Escala:
h = 1 / 500 - v = 50

Revisão:
06



Folha:
4/22



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Proprietário:
MUNICÍPIO DE JOINVILLE

Objeto:
PROJETO DE PAVIMENTAÇÃO ASFALTICA

Endereço:
ESTRADA JATIVOCA

Responsável Técnico:
MARCOS CANCELER MATTEI

Assinatura:
Manoel Mattei

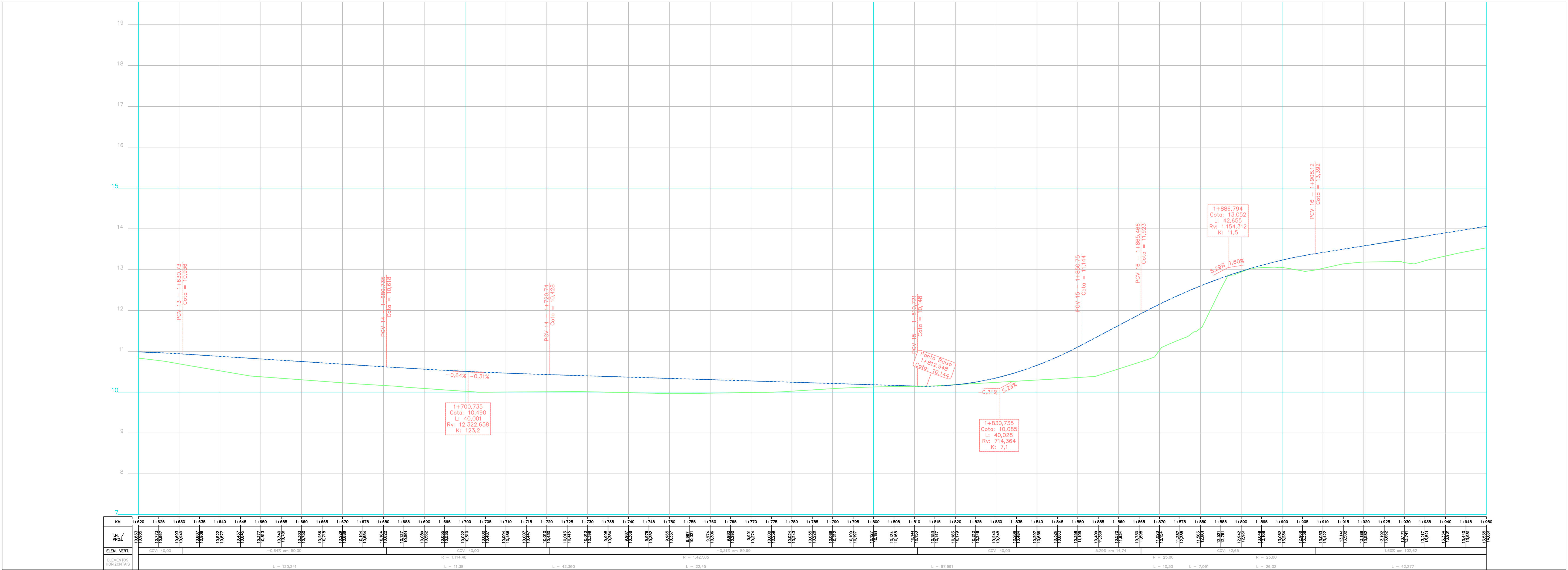
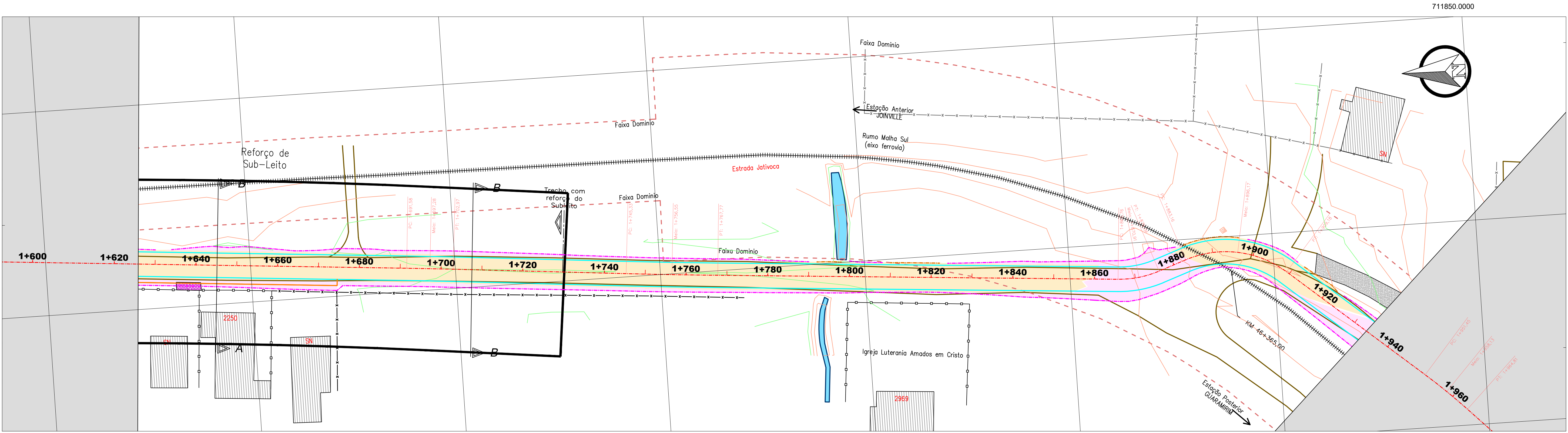
Objeto:
**PROJETO TERRAPLENAGEM
PLANTA E PERFIL LONGITUDINAL
RESTITUIÇÃO TOPOGRÁFICA**

Data:
NOVEMBRO/2024

Escala:
h = 1 / 500 - v = 50

Revisão:
06





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Proprietário:
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Objeto:
PROJETO DE PAVIMENTAÇÃO ASFALTICA

Endereço:
ESTRADA JATUVOCA

Responsável Técnico:
MARCOS CANCELIER MATTEI
Crea 112.799-7

Assinatura:
Marcos Cancelier Mattei

Conteúdo:
PROJETO TERRAPLENAGEM
PLANTA E PERFIL LONGITUDINAL
RESTITUIÇÃO TOPOGRÁFICA

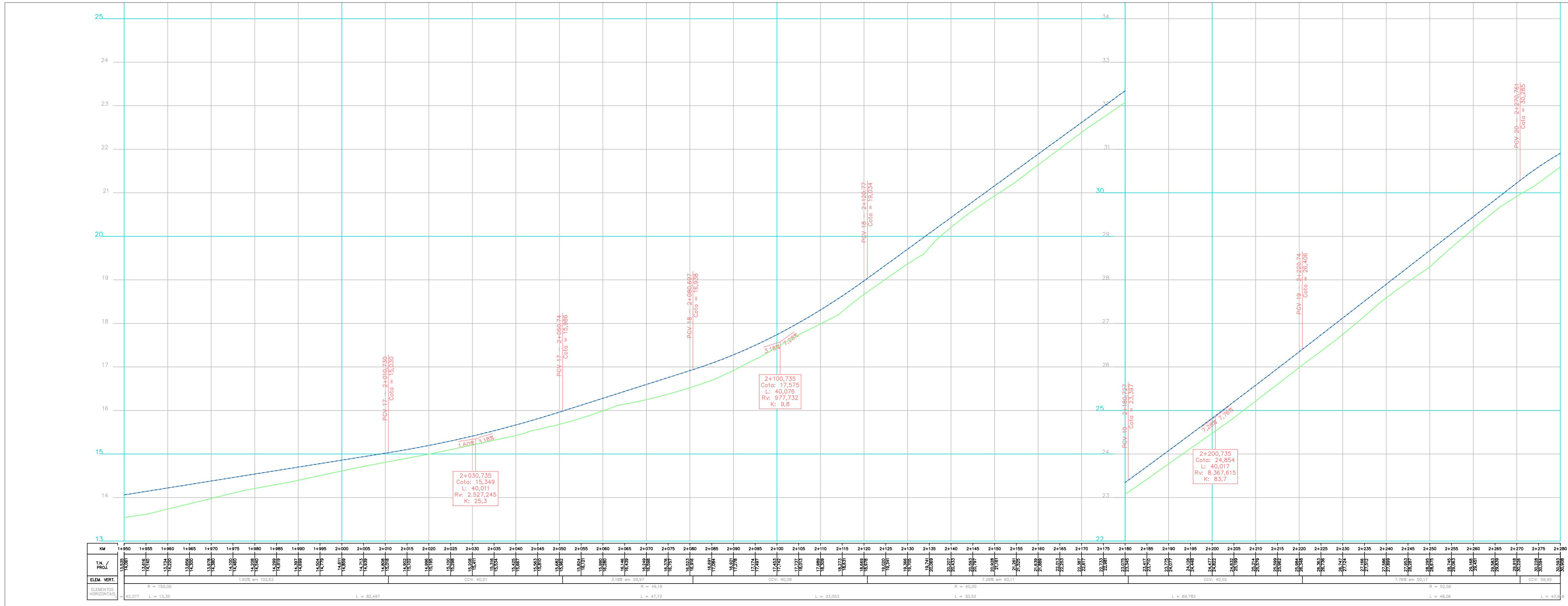
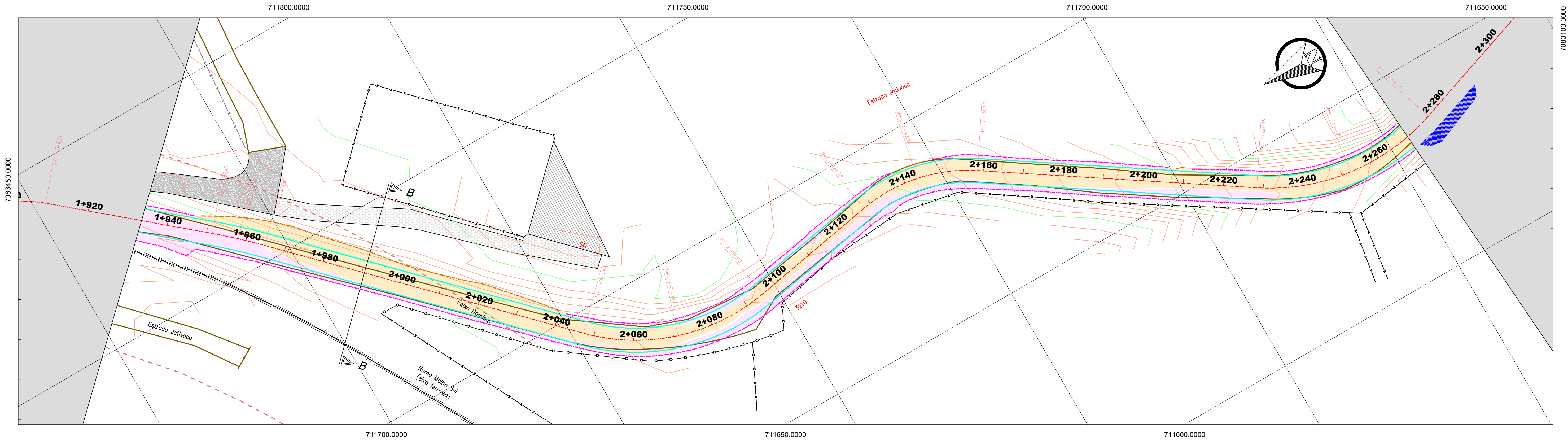
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NOVEMBRO/2024

Escala:
h = 1 / 500 - v = 50

Revisão:
06



Folha:
8/22



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| BORDO | PERFIL LONGITUDINAL | CURVAS DE NIVEL | REMOVER CALÇADA |
| OFF-SET (CORTE) | PAVIMENTO | HIDROSSEMEADURA | |
| OFF-SET (ATERRO) | TERRENO NATURAL | LIMPEZA MECANIZADA | |
| EIXO PROJETADO | ÁREA DE CORTE | CALÇADA | |
| FURO DE SONDAGEM | ÁREA DE ATERRO | ESTACIONAMENTO | |



Proprietário:
MUNICÍPIO DE JOINVILLE

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PROJETO DE PAVIMENTAÇÃO ASFALTICA

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Responsável Técnico:
MARCOS CANCELIER MATTEI
Crea 112.799-7

Assinatura:
Marcos Cancelier Mattei

Conteúdo:
PROJETO TERRAPLENAGEM
PLANTA E PERFIL LONGITUDINAL
RESTITUIÇÃO TOPOGRÁFICA

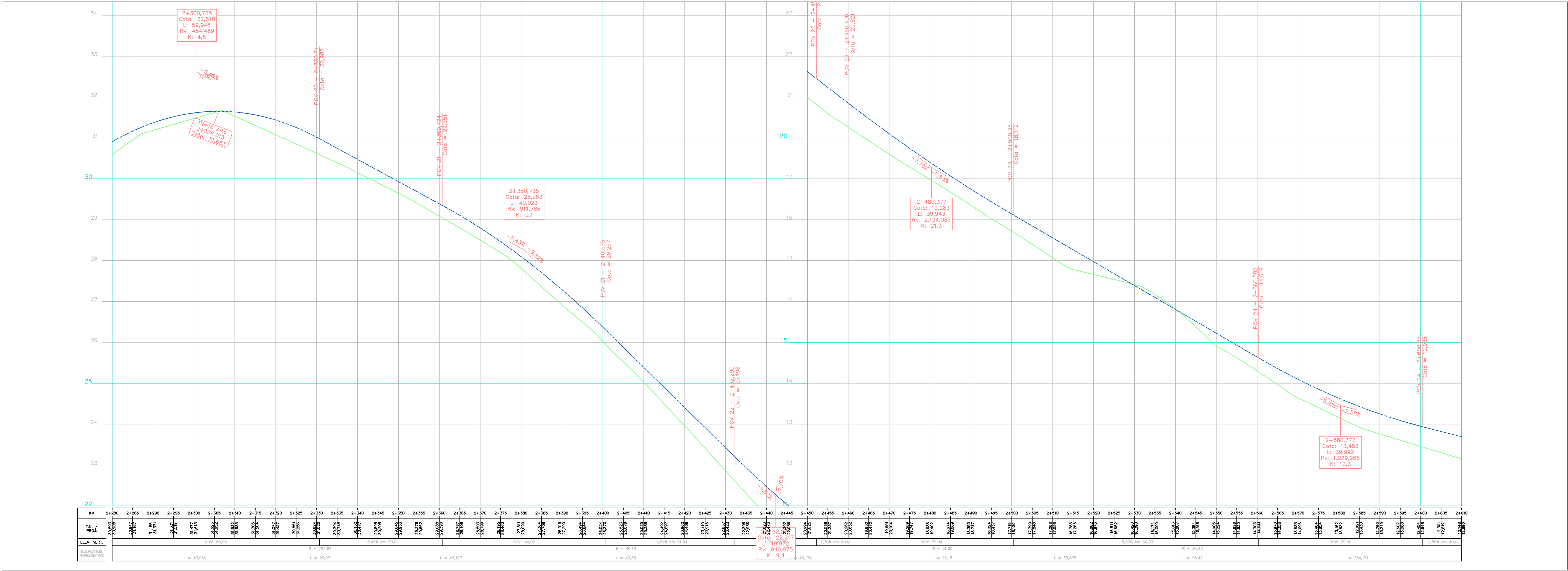
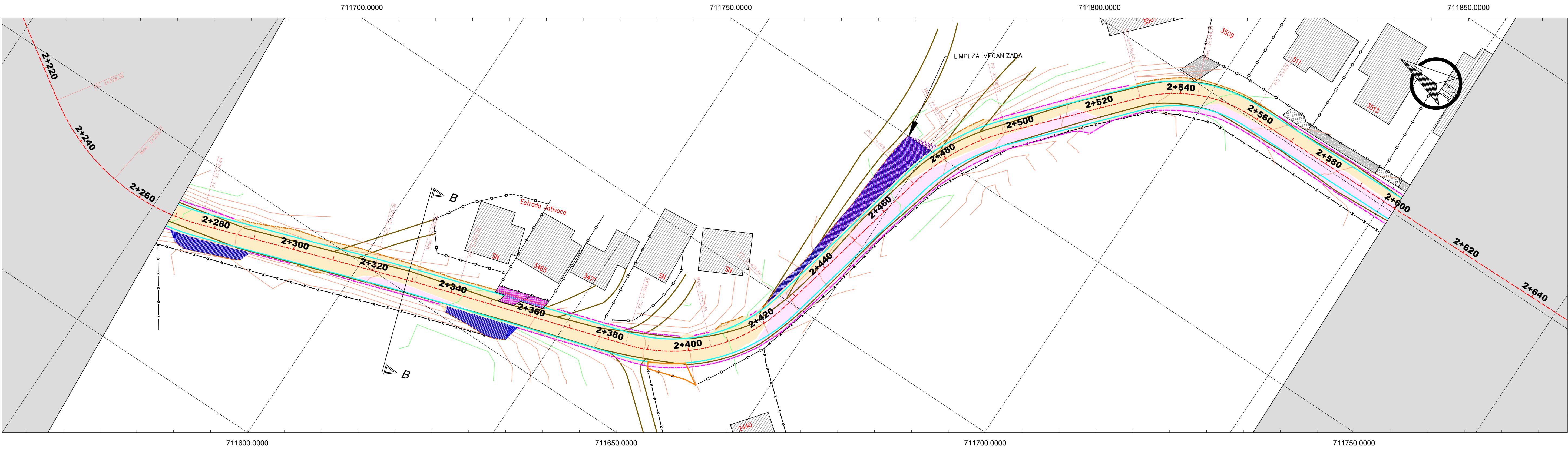
Data:
NOVEMBRO/2024

Escala:
h = 1 / 500 - v = 50

Revisão:
06



Folha:
7/22



BORDO

OFF-SET (CORTE)

OFF-SET (ATERRO)

EIXO PROJETADO

FURO DE SONDAGEM

PERFIL LONGITUDINAL

PAVIMENTO

TERRENO NATURAL

ÁREA DE CORTE

ÁREA DE ATERRO

CURVAS DE NÍVEL

HIDROSSEMEADURA

LIMPEZA MECANIZADA

CALÇADA

ESTACIONAMENTO

REMOVER CALÇADA

Prefeitura de Joinville

Proprietário:

MUNICÍPIO DE JOINVILLE

Objeto:

PROJETO DE PAVIMENTAÇÃO ASFALTICA

Endereço:

ESTRADA JATOVACA

Responsável Técnico:

MARCOS CANCELIER MATTEI
Crea 112.799-7

Assinatura:

Conteúdo:

PROJETO TERRAPLENAGEM
PLANTA E PERFIL LONGITUDINAL
RESTITUIÇÃO TOPOGRÁFICA

Data:

NOVEMBRO/2024

Escala:

h = 1 / 500 - v = 50

Revisão:

06

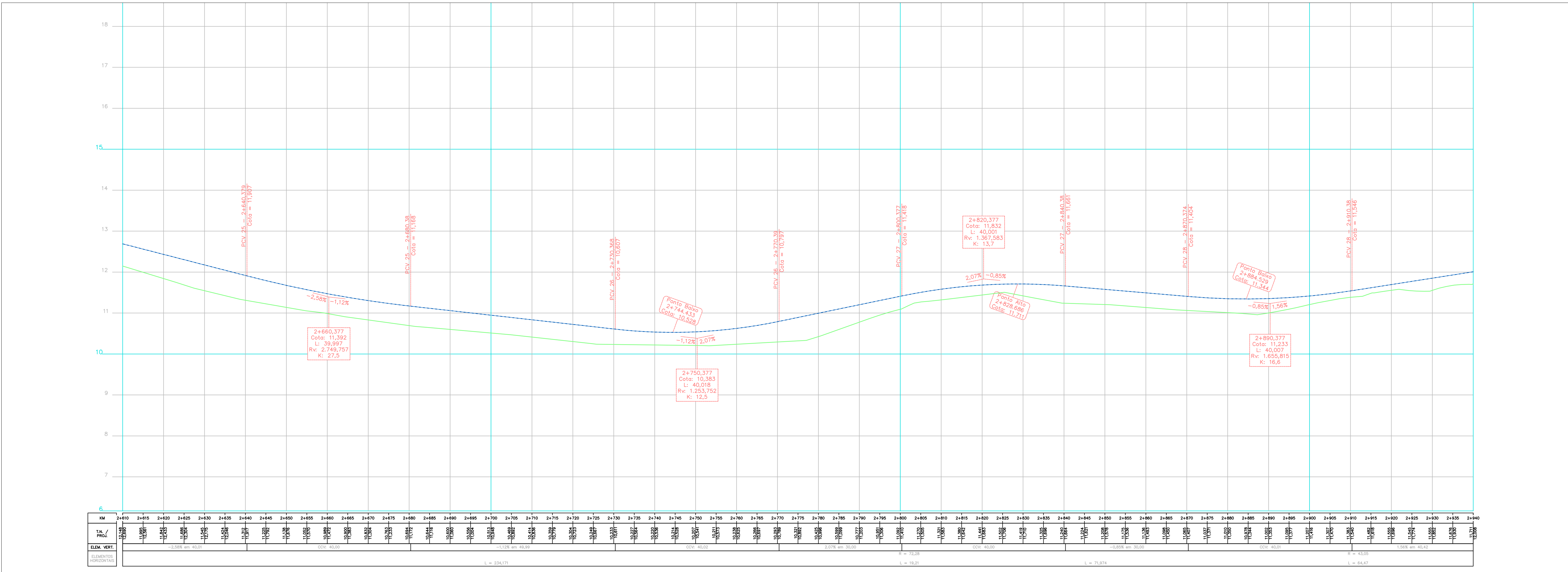
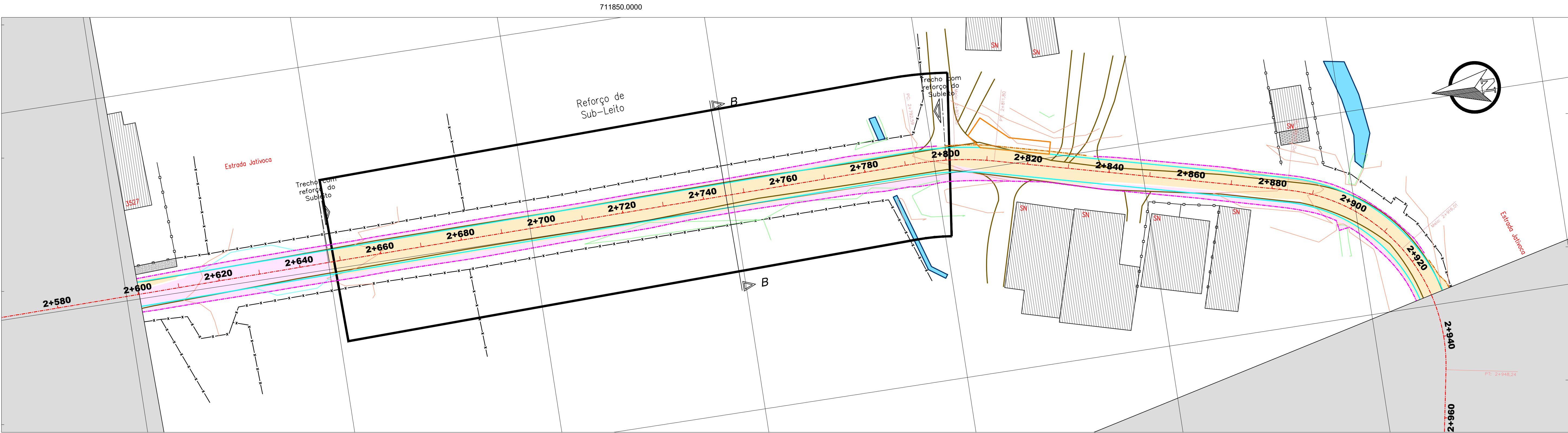
Folha:

8/22

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Projeto de Terraplenagem Estrada Jatovoca (27337857)

SEI 25.0.267172-2 / pg. 8



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Proprietário:
MUNICÍPIO DE JOINVILLE

Objeto:
PROJETO DE PAVIMENTAÇÃO ASFALTICA

Endereço:
ESTRADA JATIVOCA

Responsável Técnico:
MARCOS CANCELIER MATTEI
Crea 112.799-7

Assinatura:
Marcos Cancelier Mattei

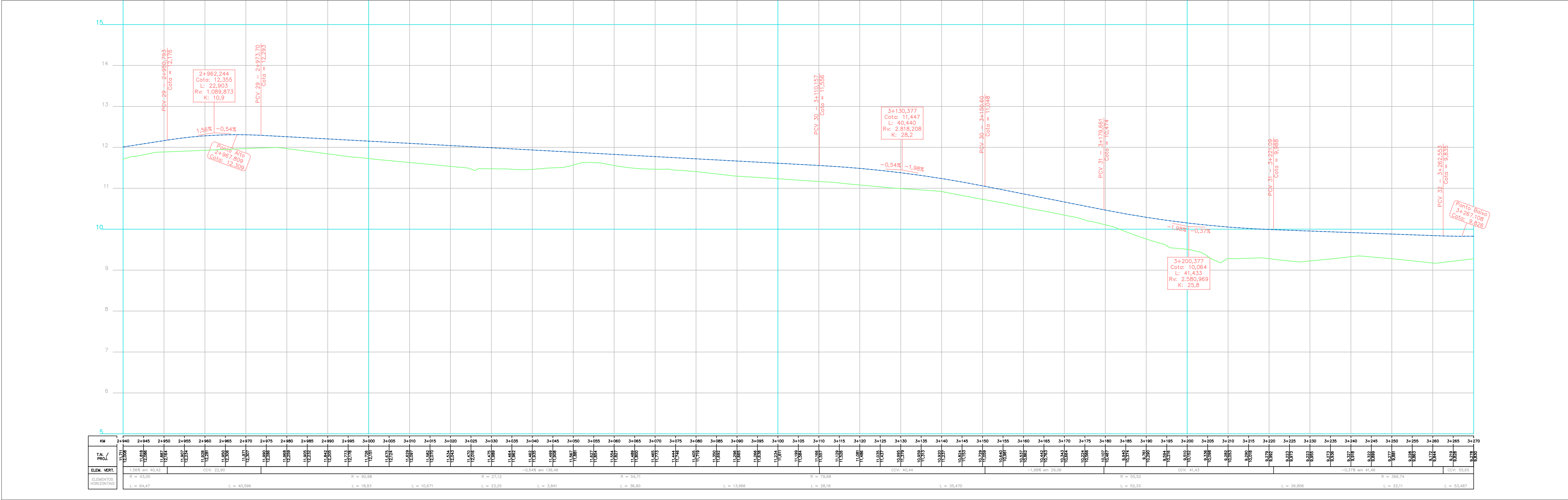
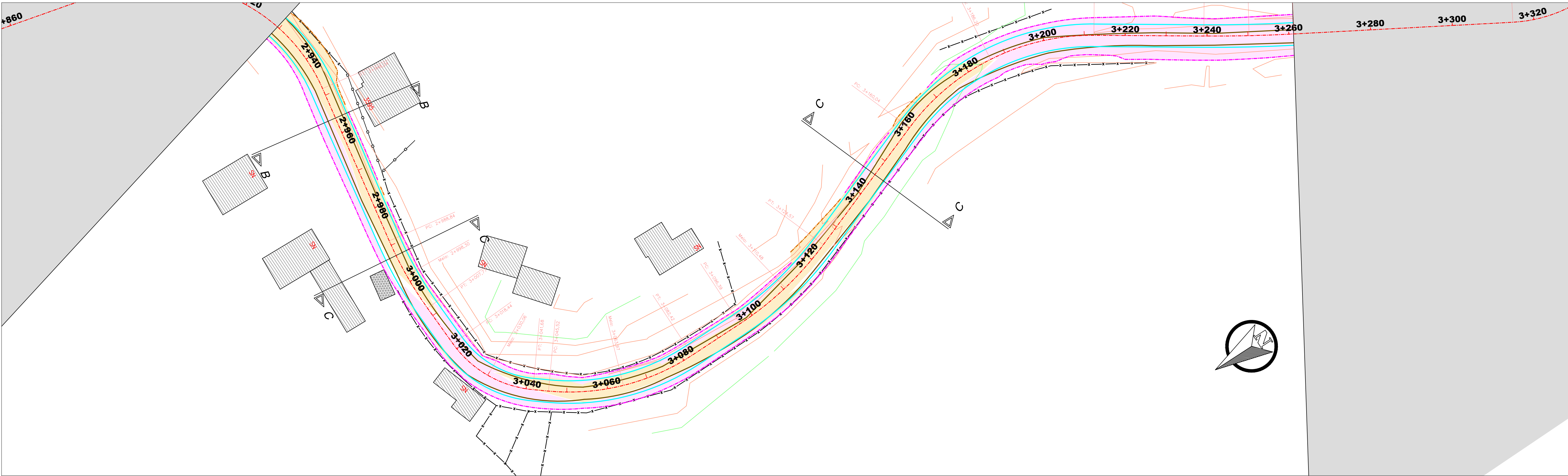
Conteúdo:
PROJETO TERRAPLENAGEM
PLANTA E PERFIL LONGITUDINAL
RESTITUIÇÃO TOPOGRÁFICA

Data:
NOVEMBRO/2024

Escala:
h = 1 / 500 - v = 50

Revisão:
06





BORDO

OFF-SET (CORTE)

OFF-SET (ATERRO)

EIXO PROJETADO

FURO DE SONDAGEM

PERFIL LONGITUDINAL

PAVIMENTO

TERRENO NATURAL

ÁREA DE CORTE

ÁREA DE ATERRO

CURVAS DE NÍVEL

HIDROSSEMEADURA

LIMPEZA MECANIZADA

CALÇADA

ESTACIONAMENTO

REMOVER CALÇADA

Prefeitura de
Joinville

Proprietário:

MUNICÍPIO DE JOINVILLE

Objeto:

PROJETO DE PAVIMENTAÇÃO ASFALTICA

Endereço:

ESTRADA JATIVOCA

Responsável Técnico:

MARCOS CANCELLER MATTEI

Assinatura:

Conteúdo:

PROJETO TERRAPLENAGEM
PLANTA E PERFIL LONGITUDINAL
RESTITUIÇÃO TOPOGRÁFICA

Data:

NOVEMBRO/2024

Escala:

h = 1 / 500 - v = 50

Revisão:

06

Folha:

10/22

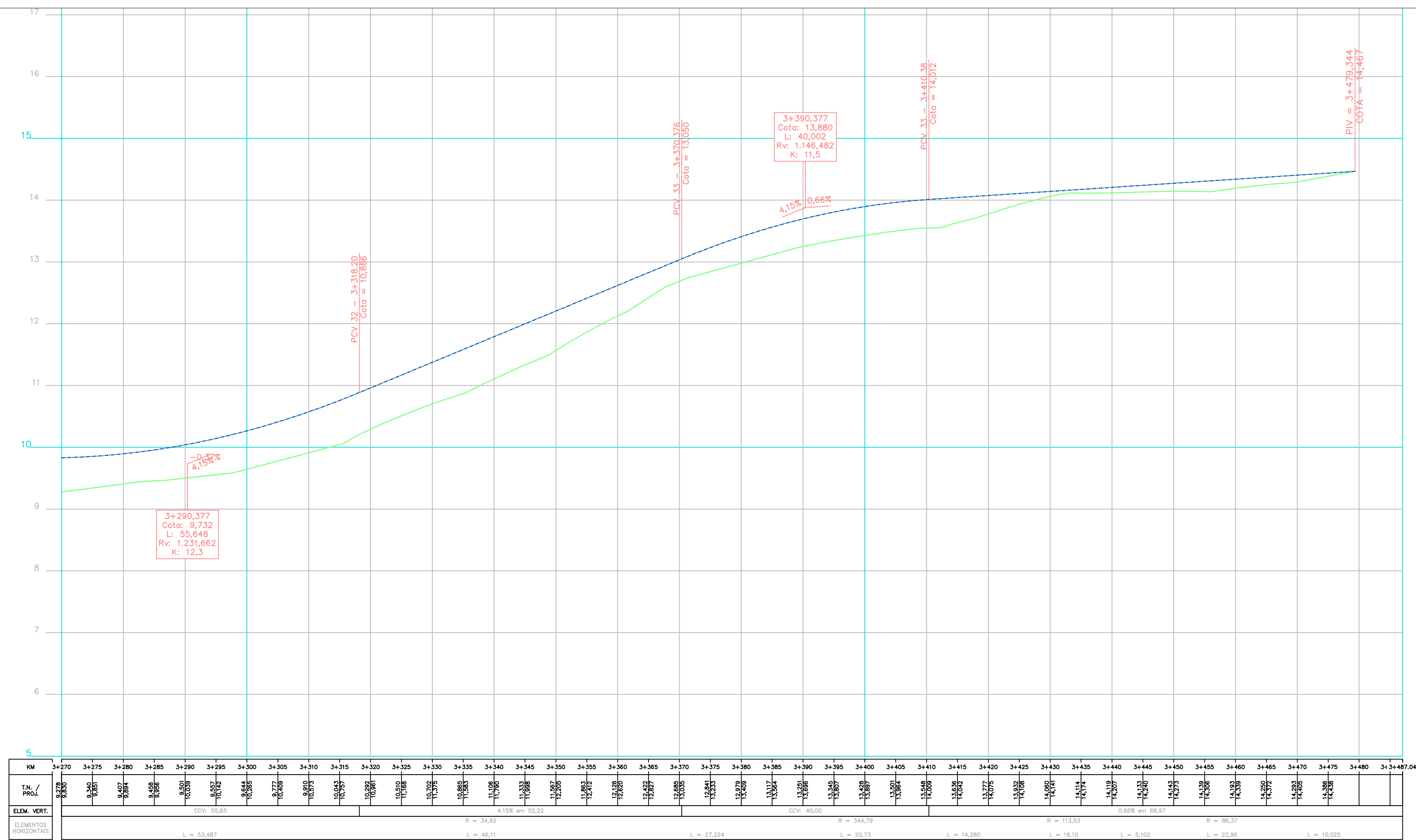
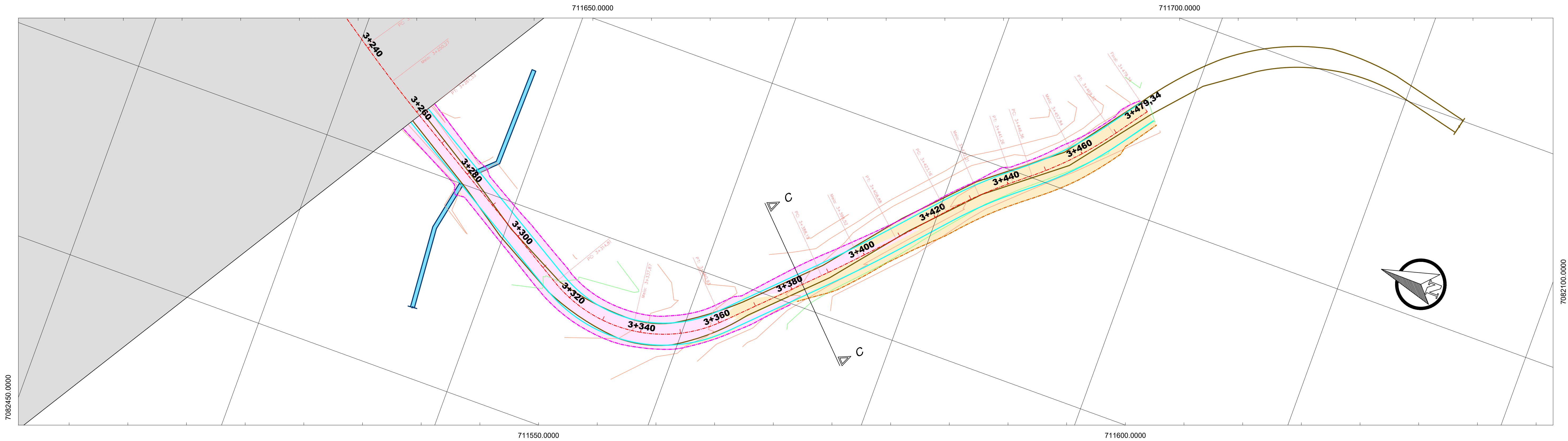
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Projeto de Terraplanagem Estrada JativoCa (27337857)

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Proprietário:
MUNICÍPIO DE JOINVILLE

Objeto:
PROJETO DE PAVIMENTAÇÃO ASFALTICA

Endereço:
ESTRADA JATIVOCA

Responsável Técnico:
MARCOS CANCELIER MATTEI
Crea 112.799-7

Assinatura:

Conteúdo:
PROJETO TERRAPLENAGEM
PLANTA E PERFIL LONGITUDINAL
RESTITUIÇÃO TOPOGRÁFICA

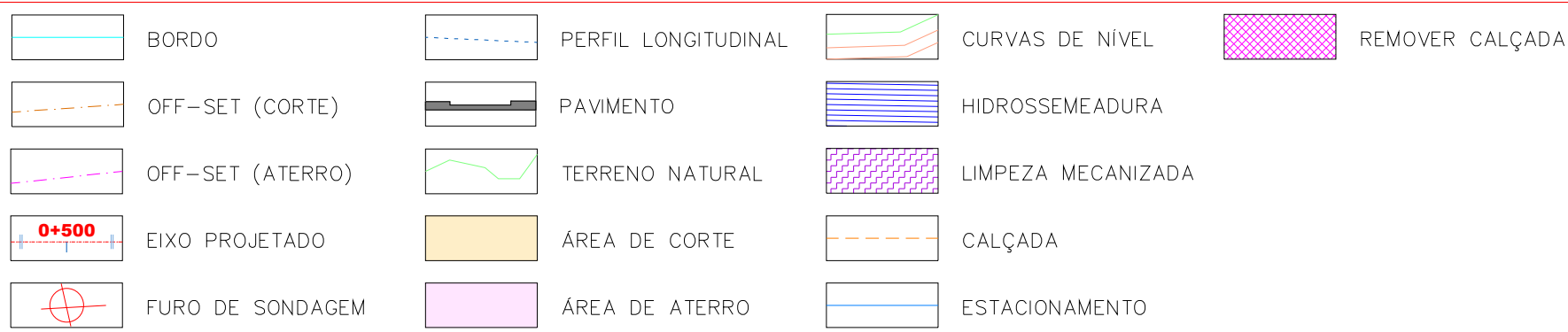
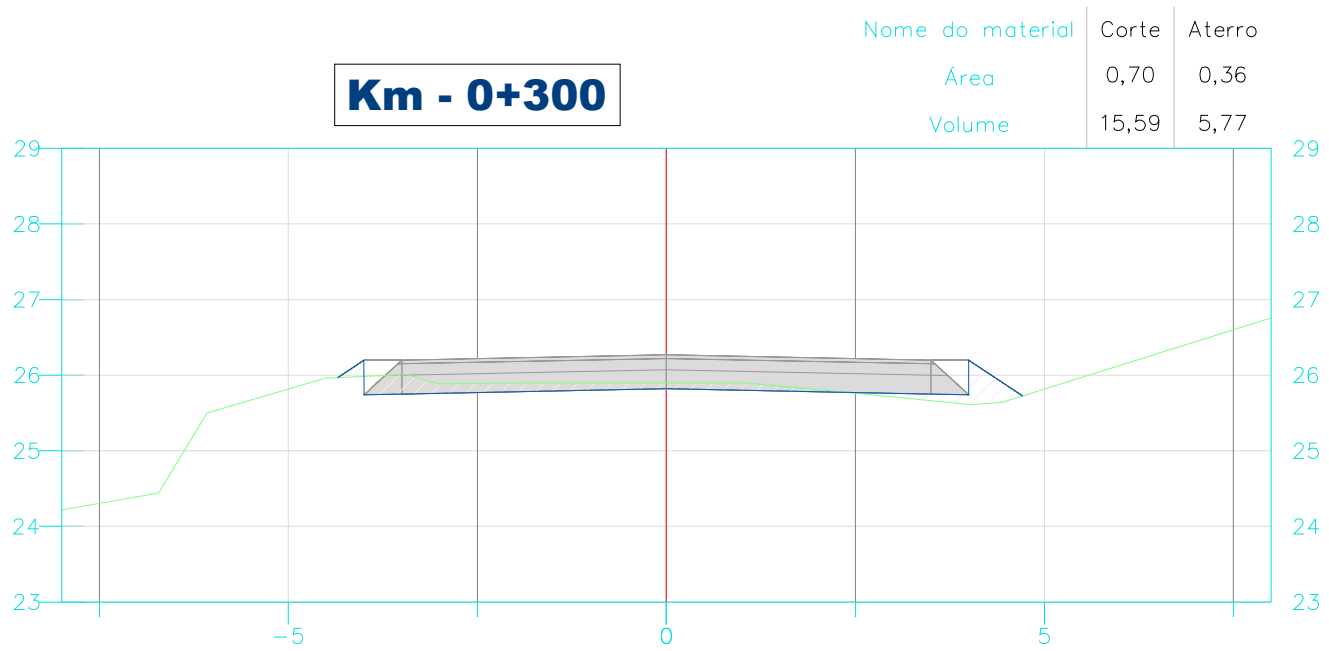
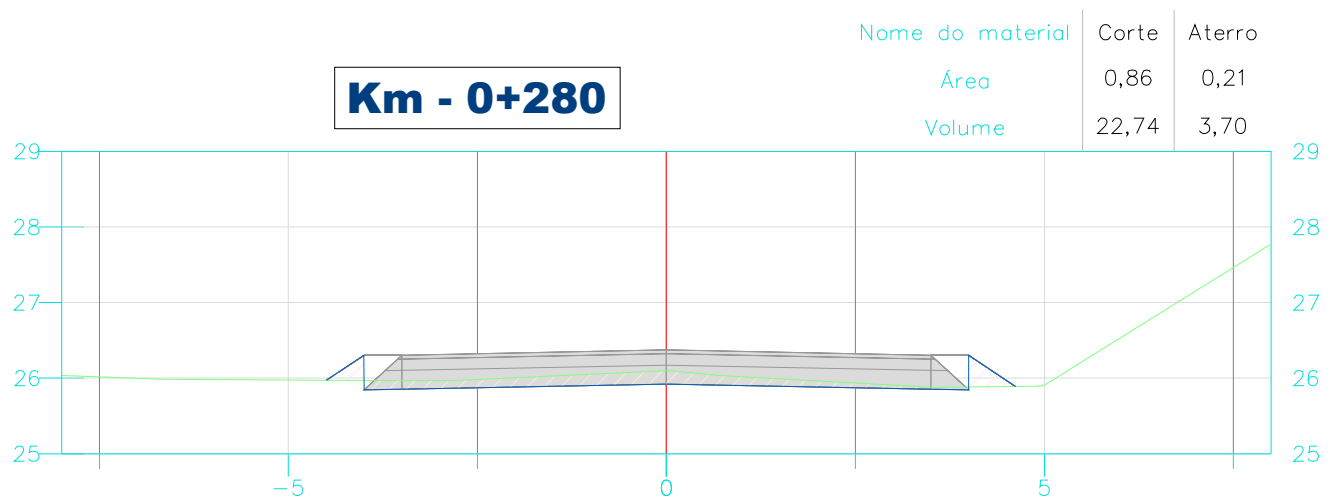
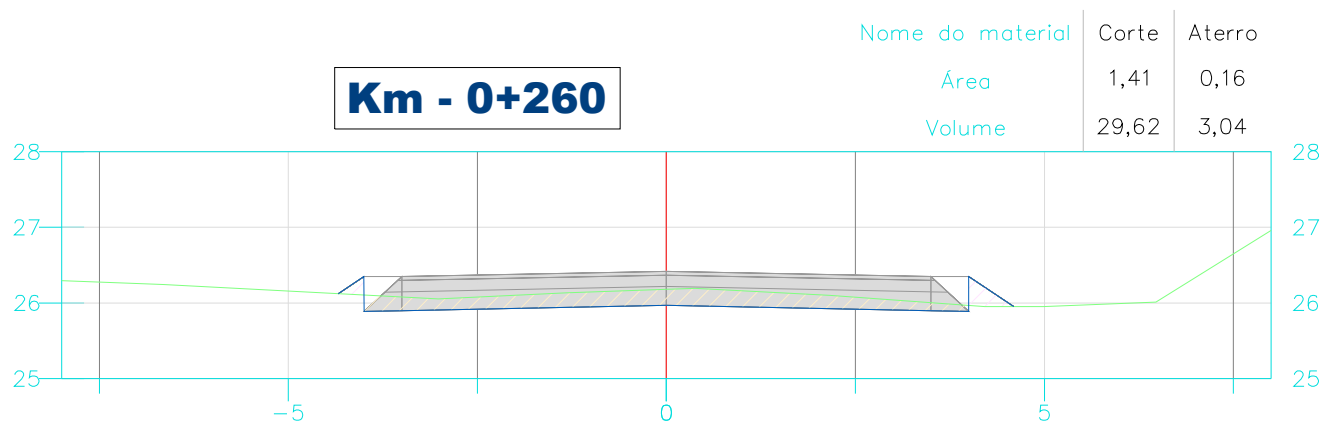
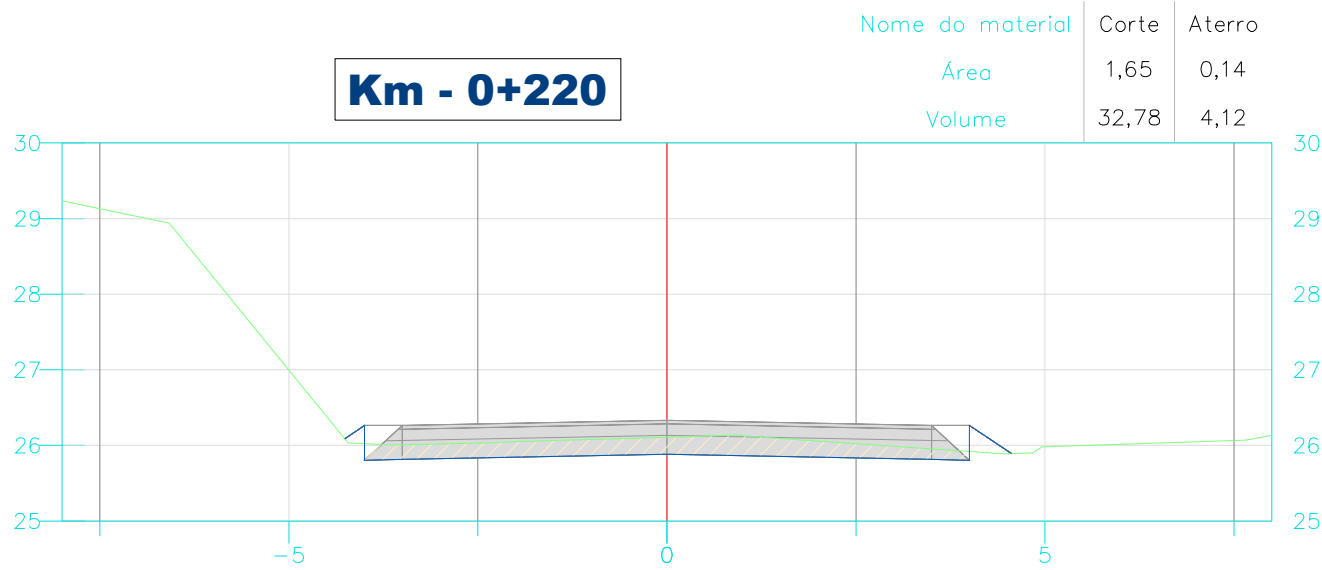
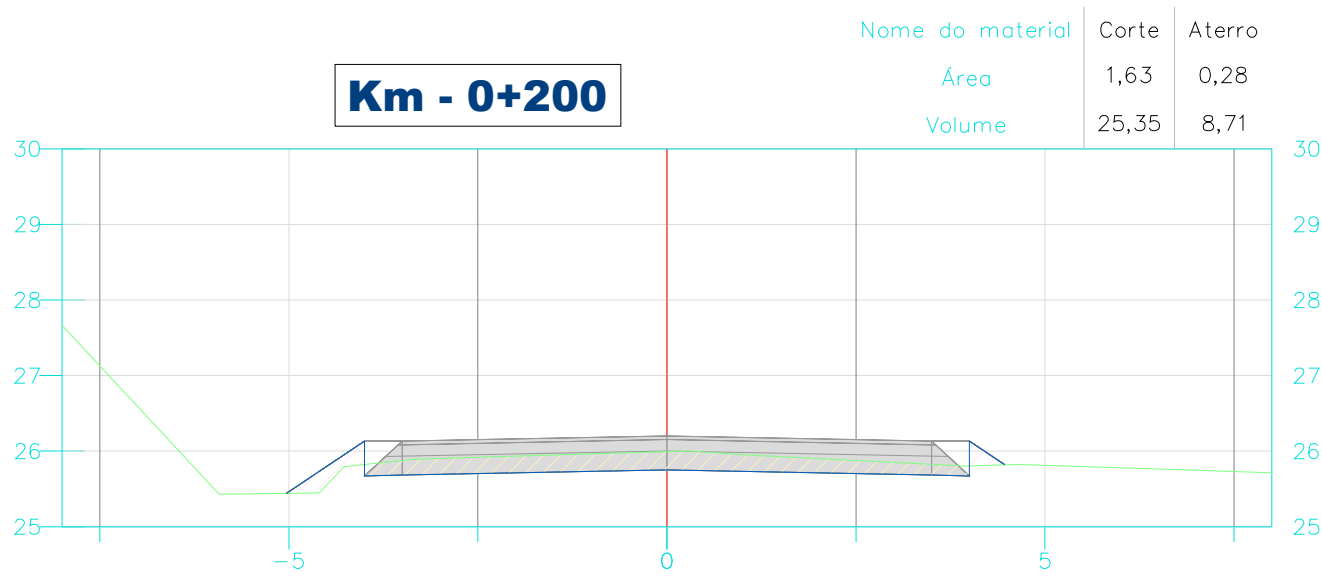
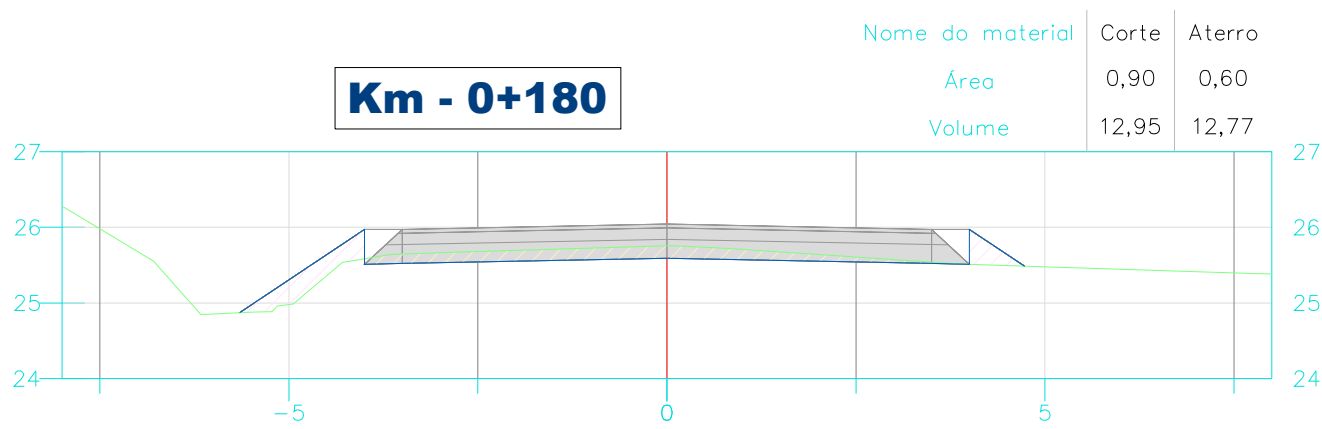
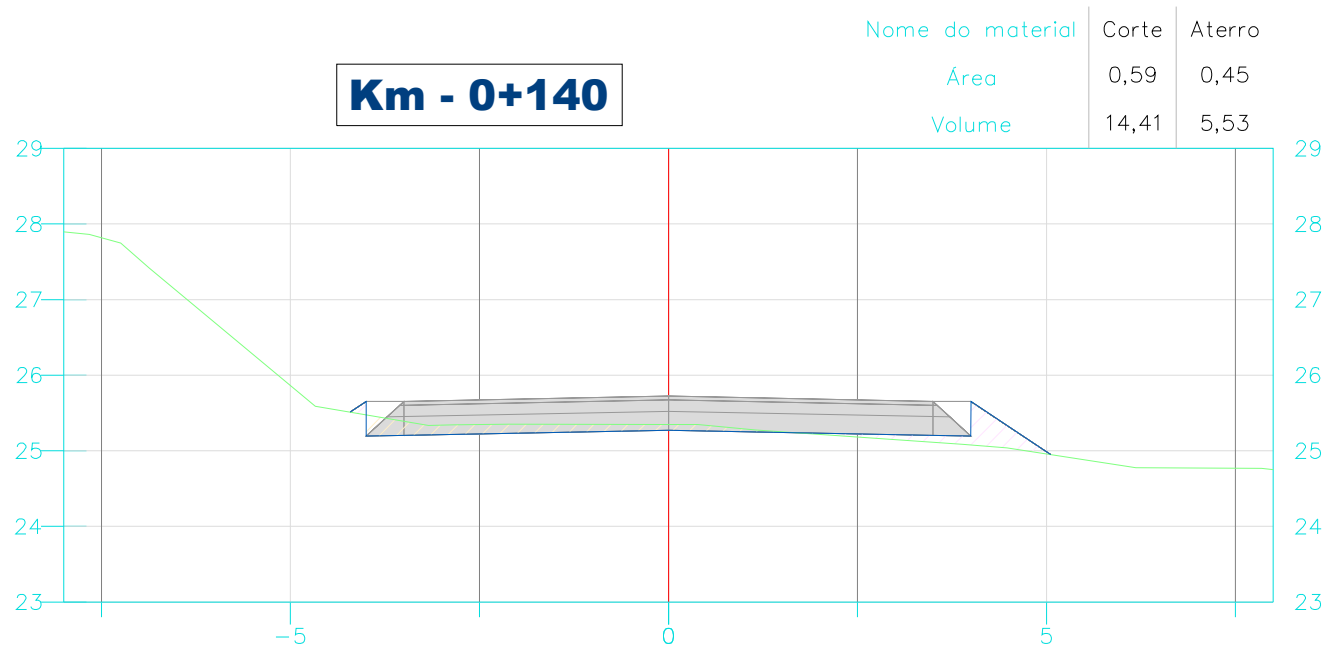
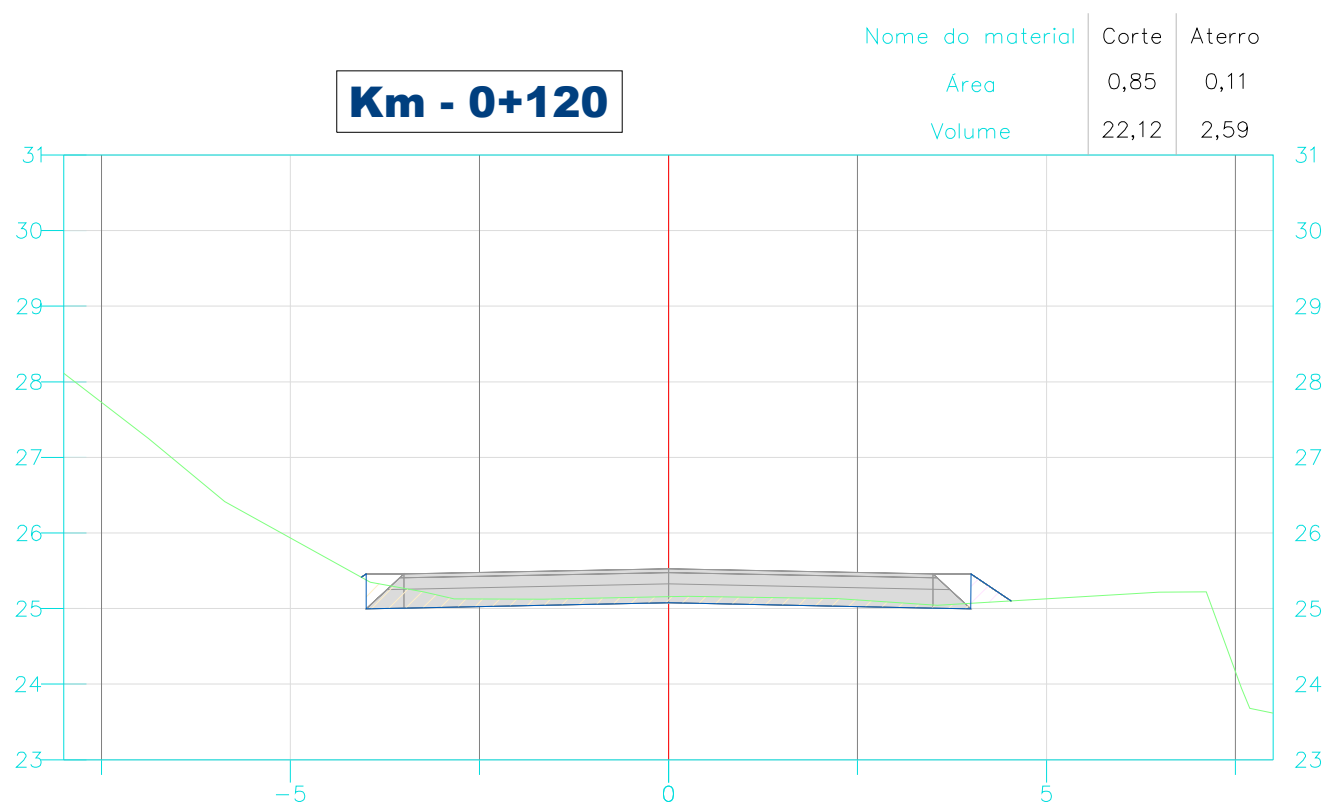
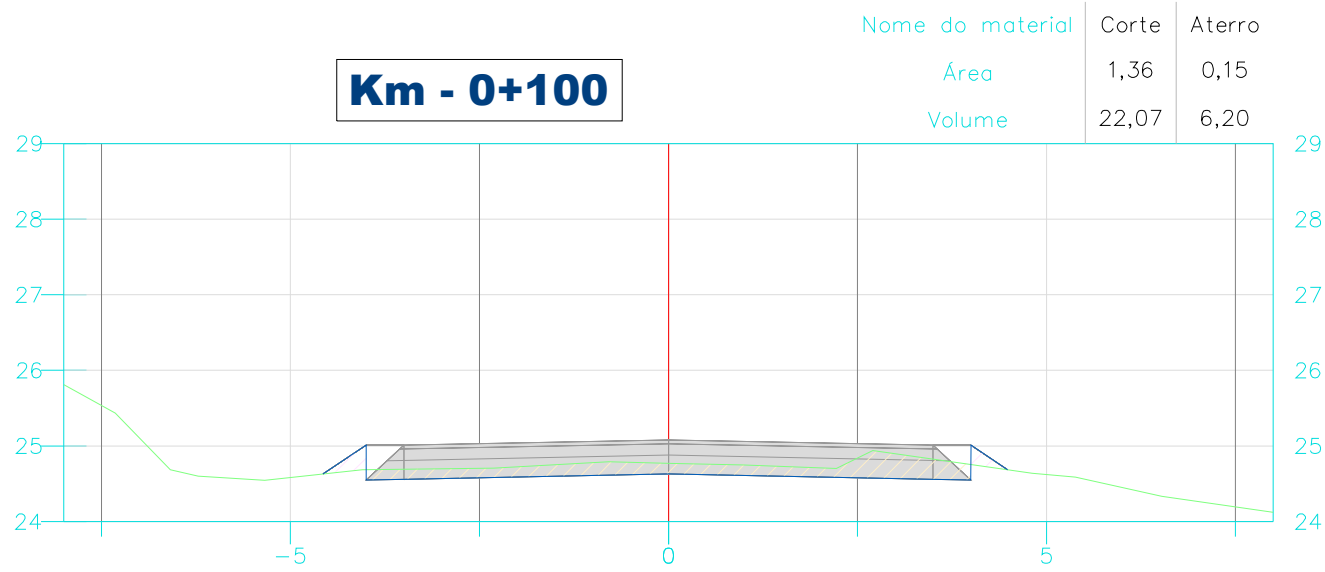
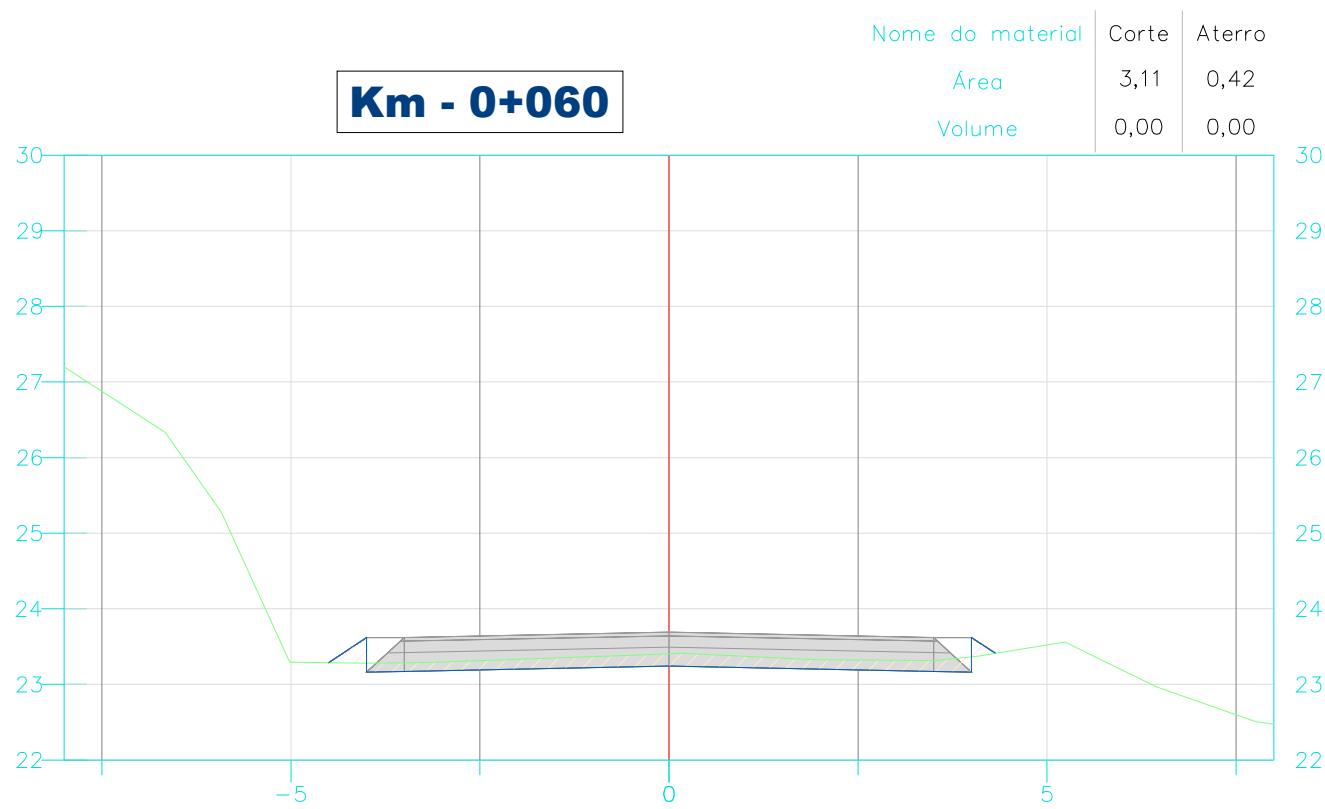
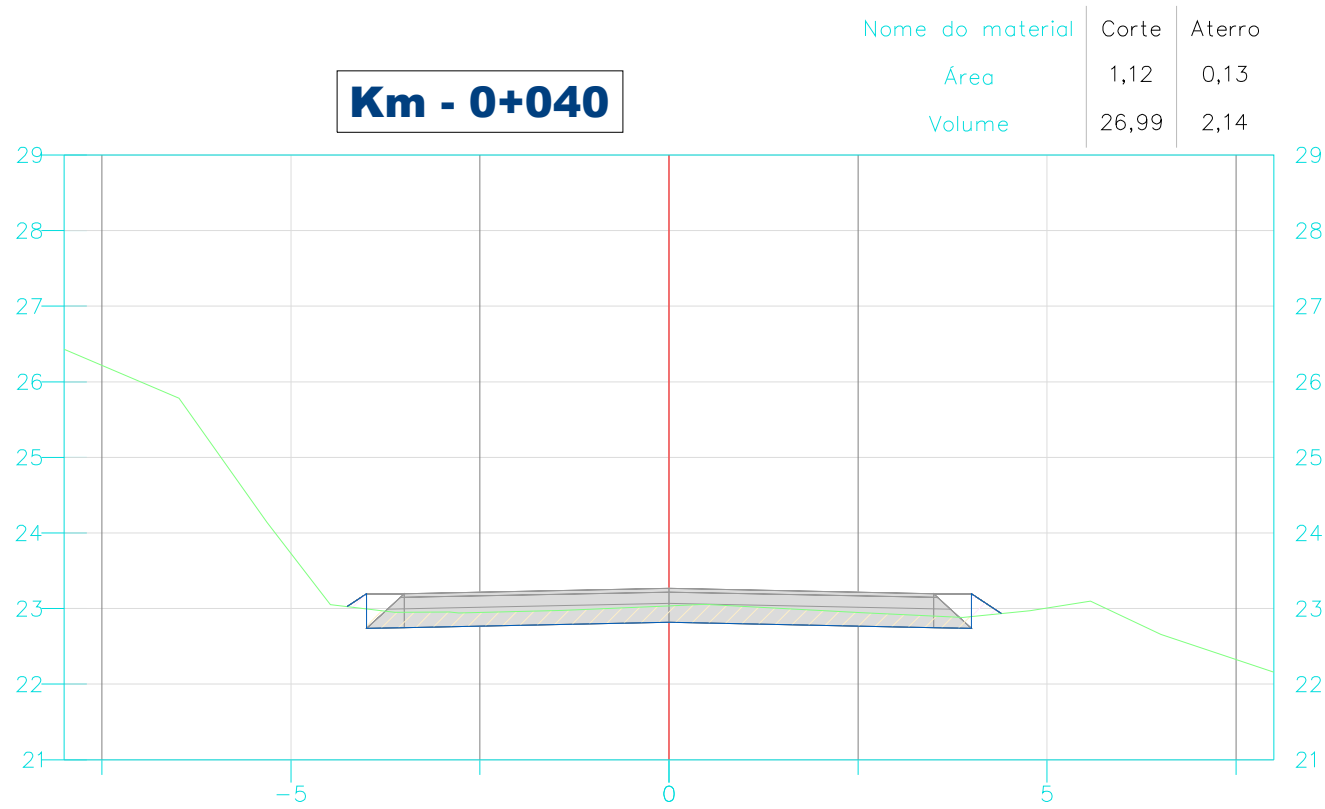
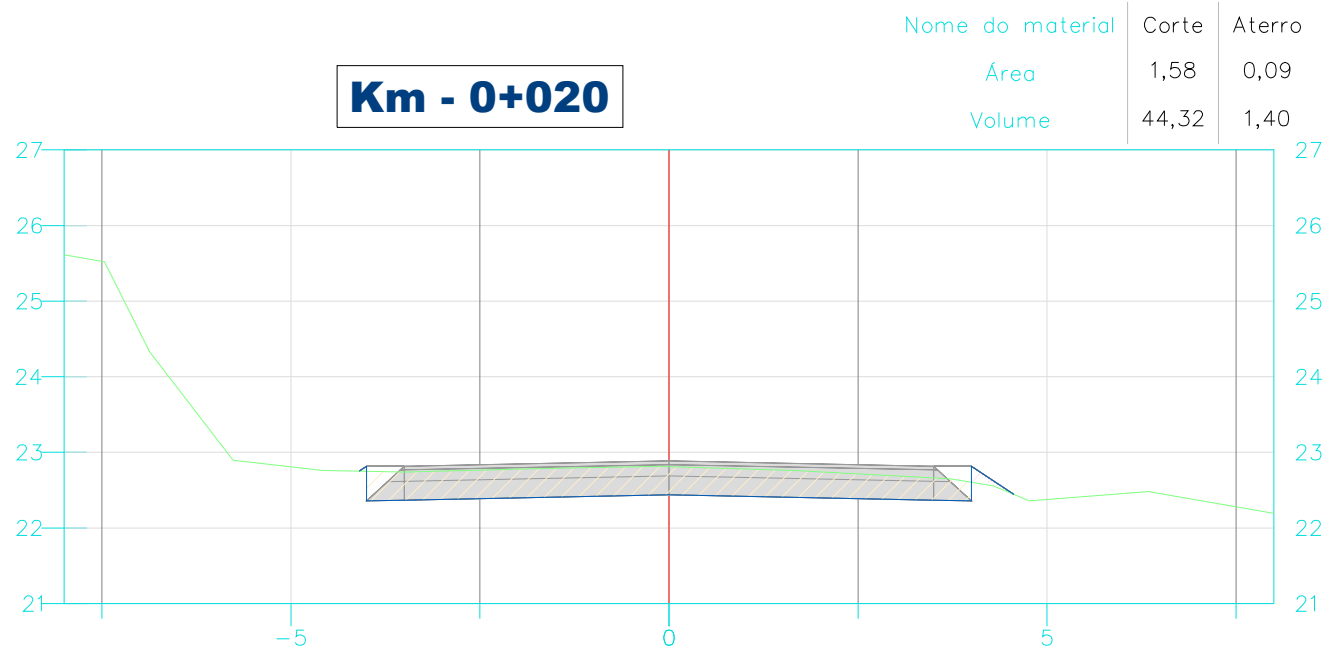
Data:
NOVEMBRO/2024

Escala:
h = 1 / 500 - v = 50

Revisão:
06



Folha:
11/22



Proprietário:
MUNICÍPIO DE JOINVILLE

Objeto:
PROJETO DE PAVIMENTAÇÃO ASFALTICA

Endereço:
ESTRADA JATIVOCA

Responsável Técnico:
MARCOS CANCELIER MATTEI
Crea 112.799-7

Assinatura:

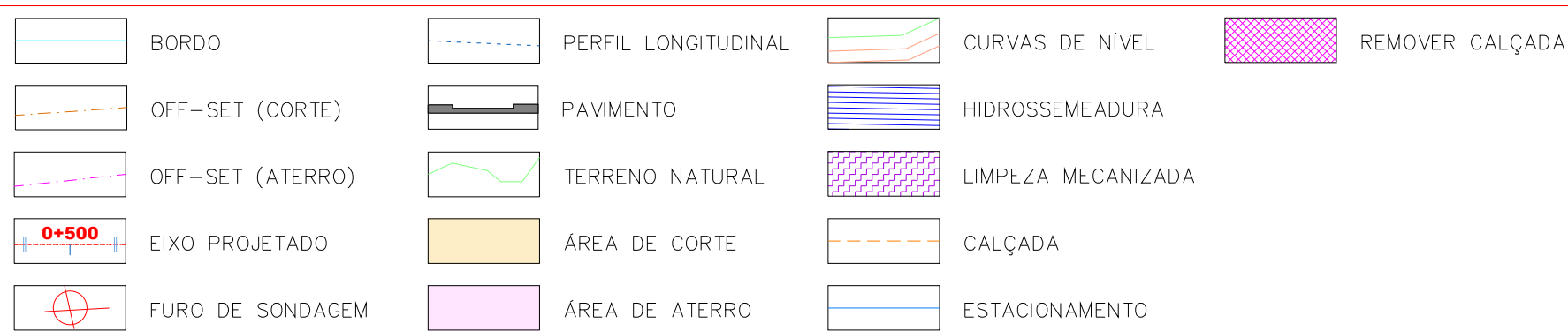
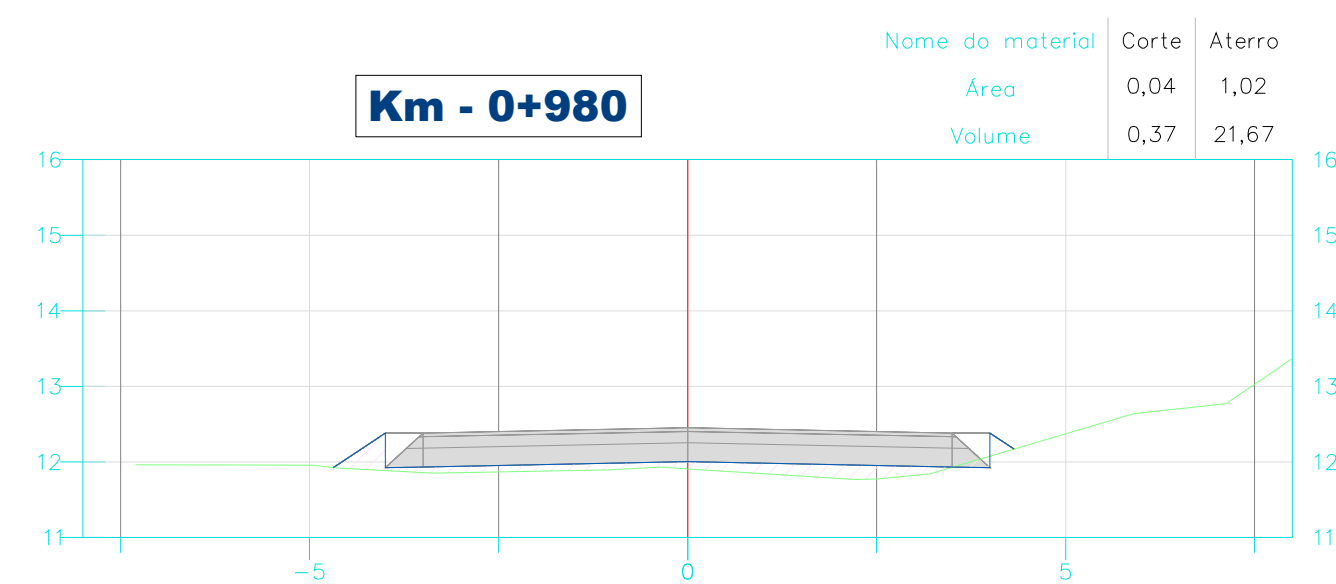
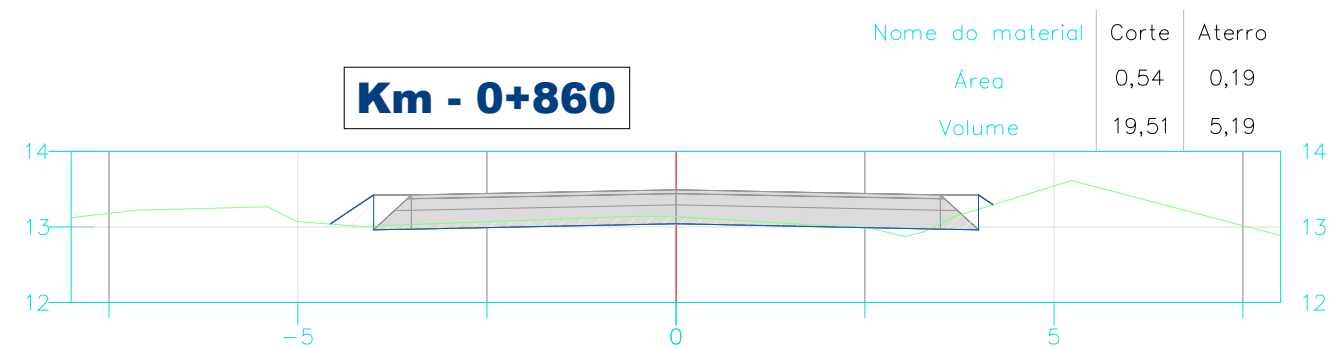
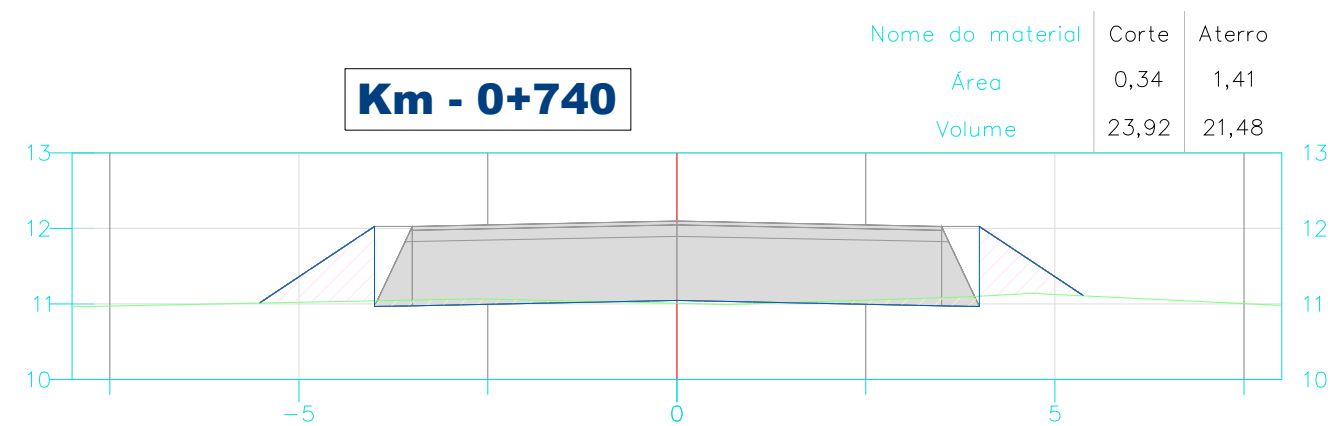
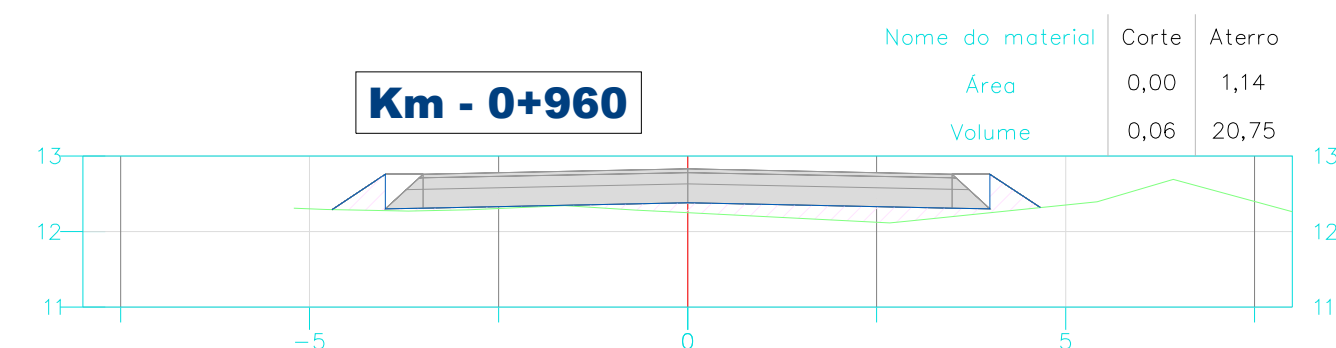
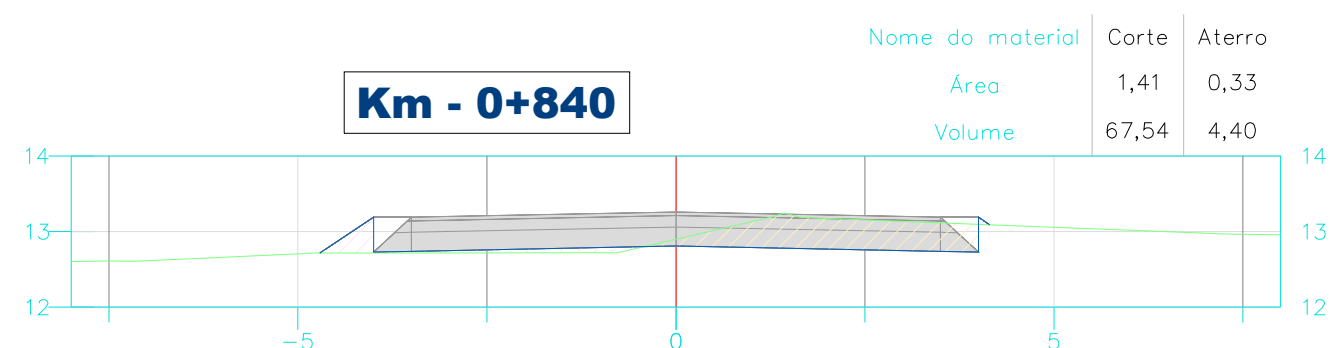
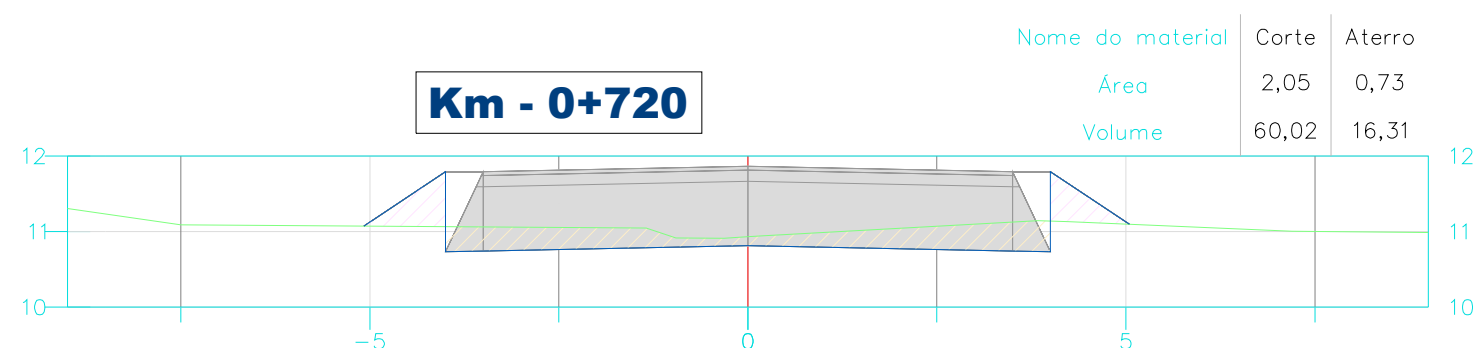
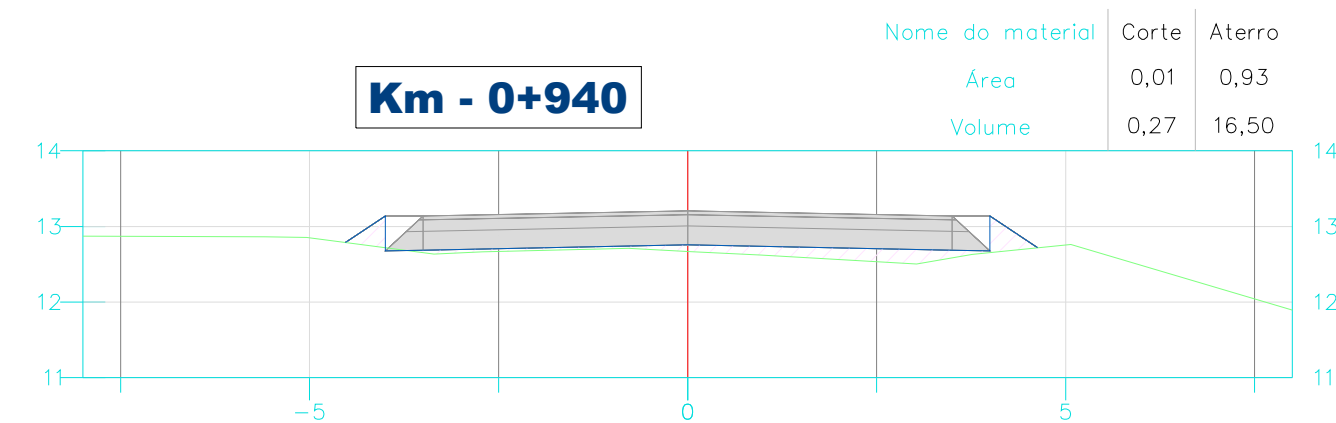
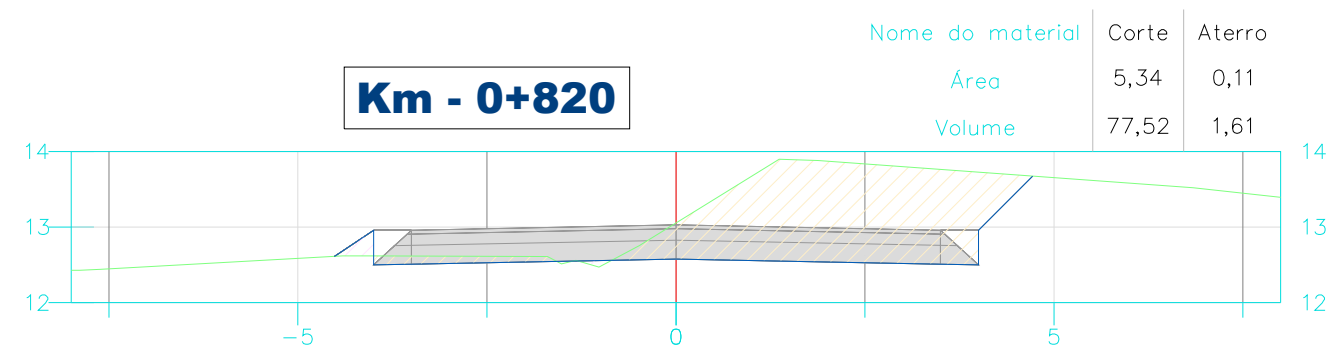
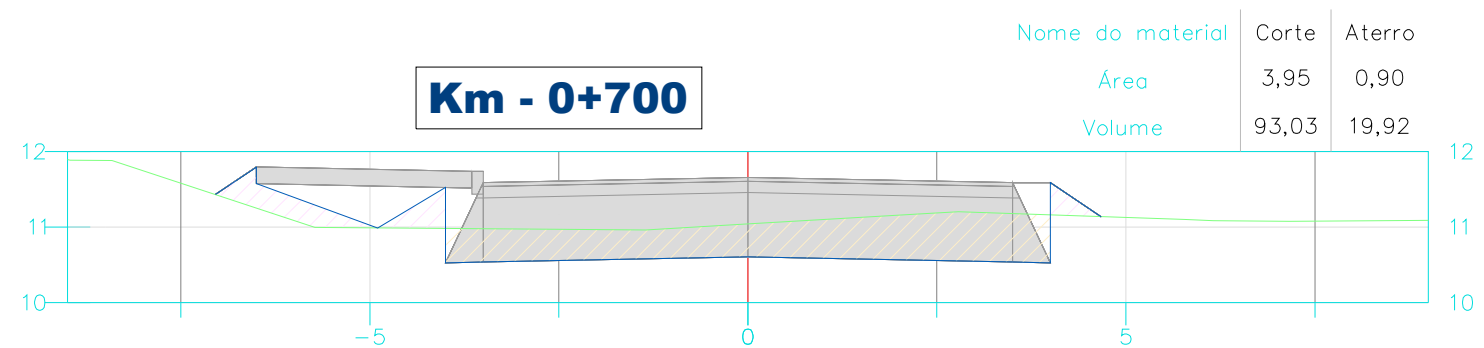
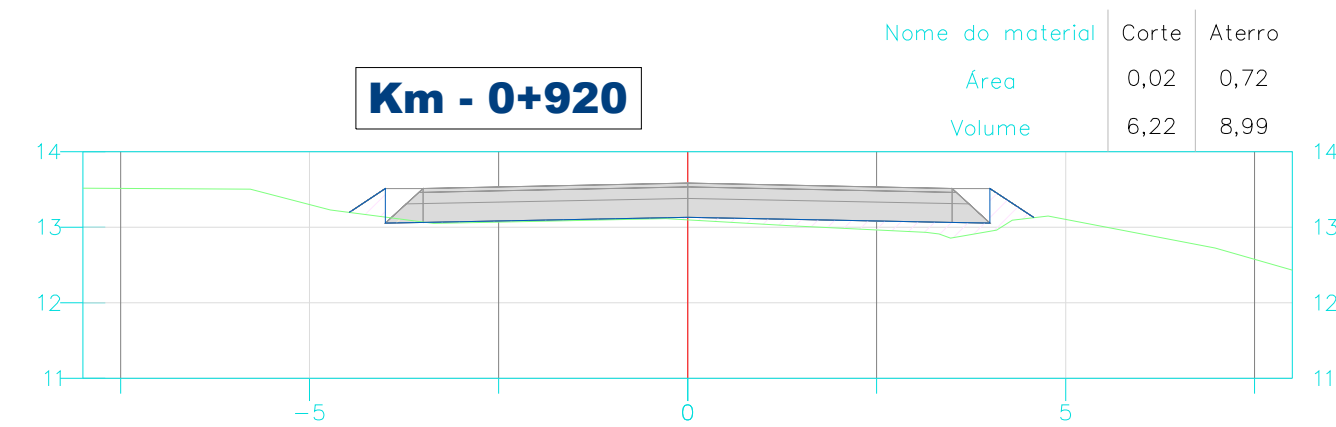
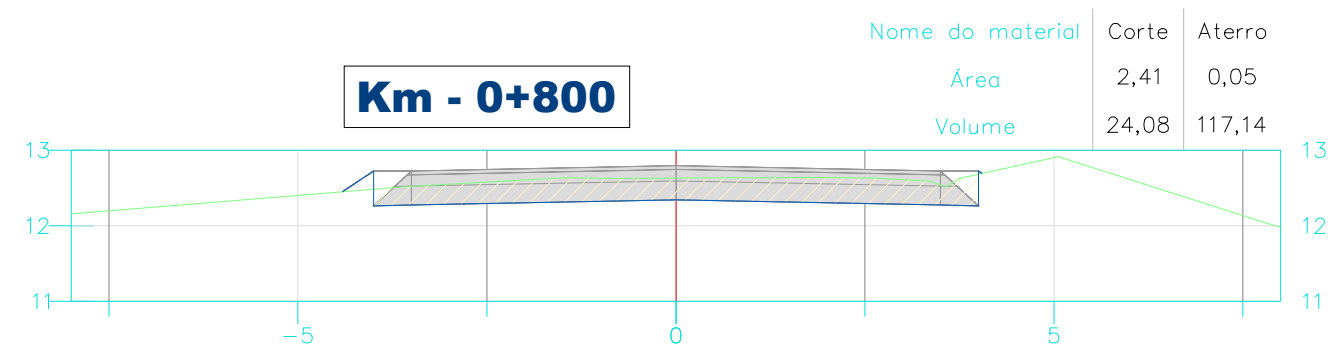
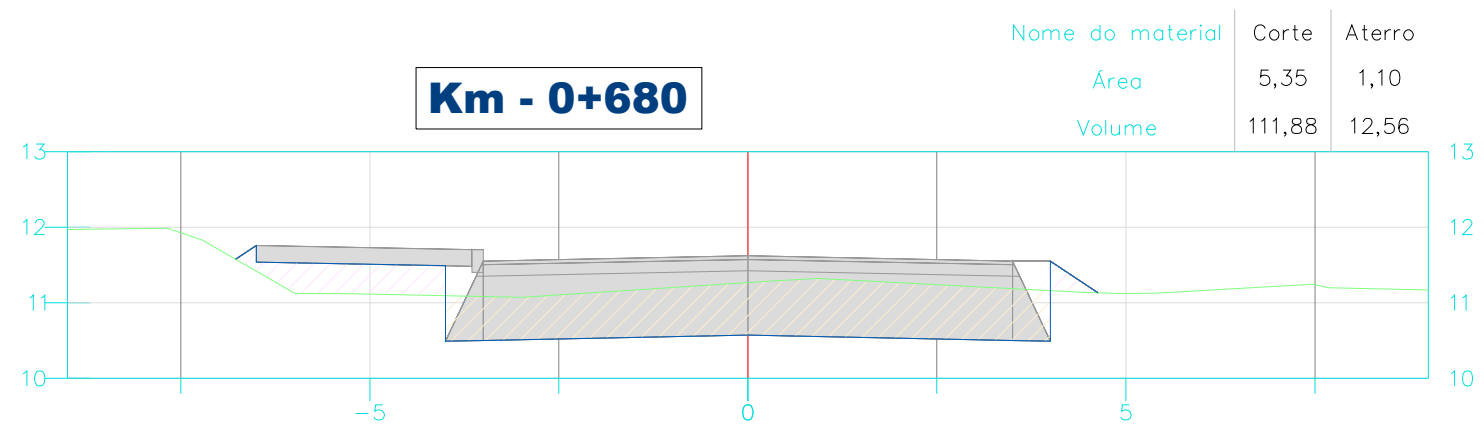
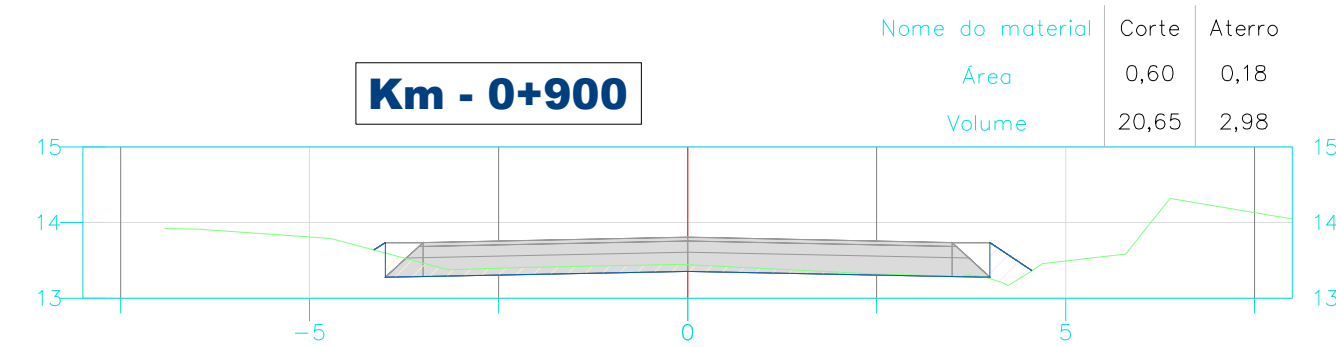
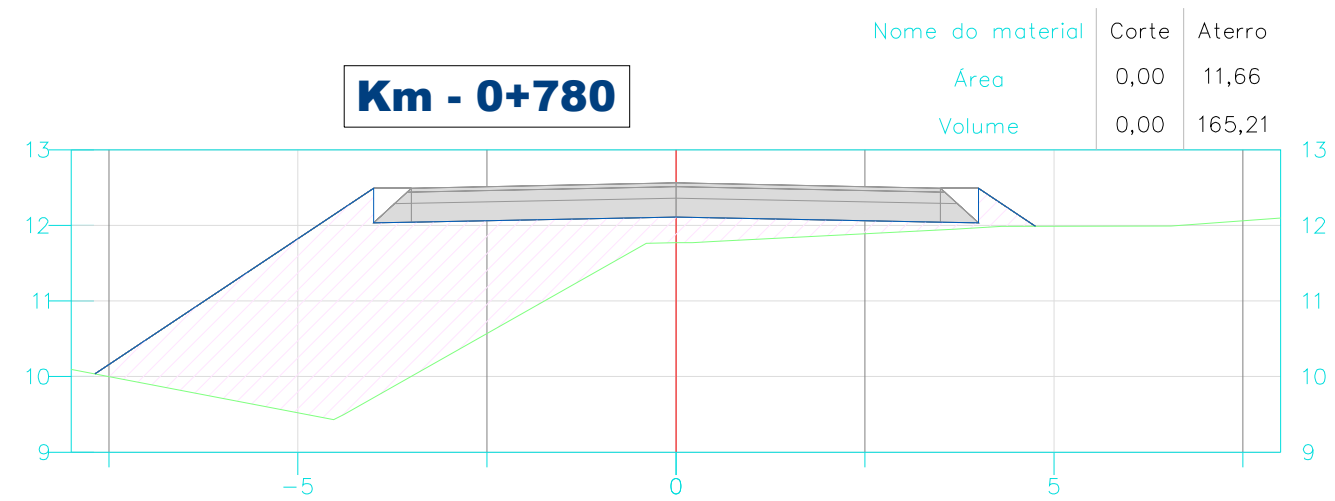
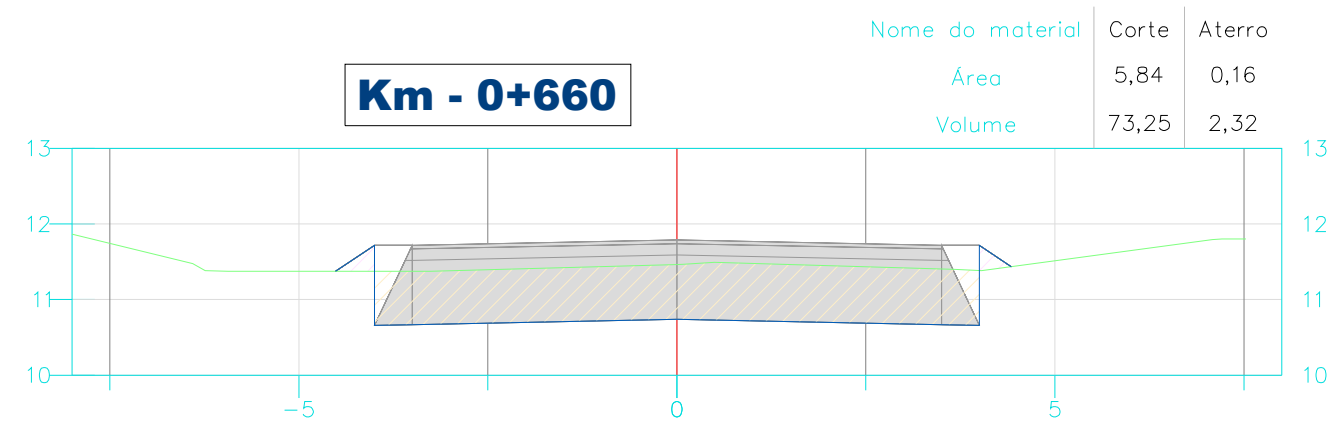
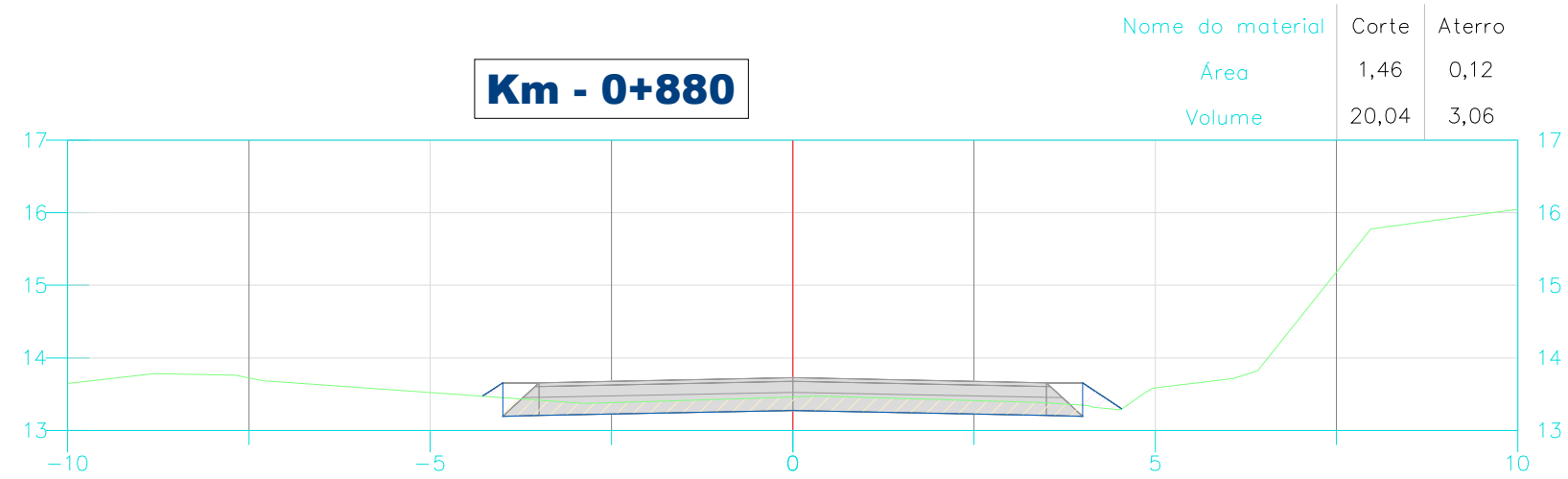
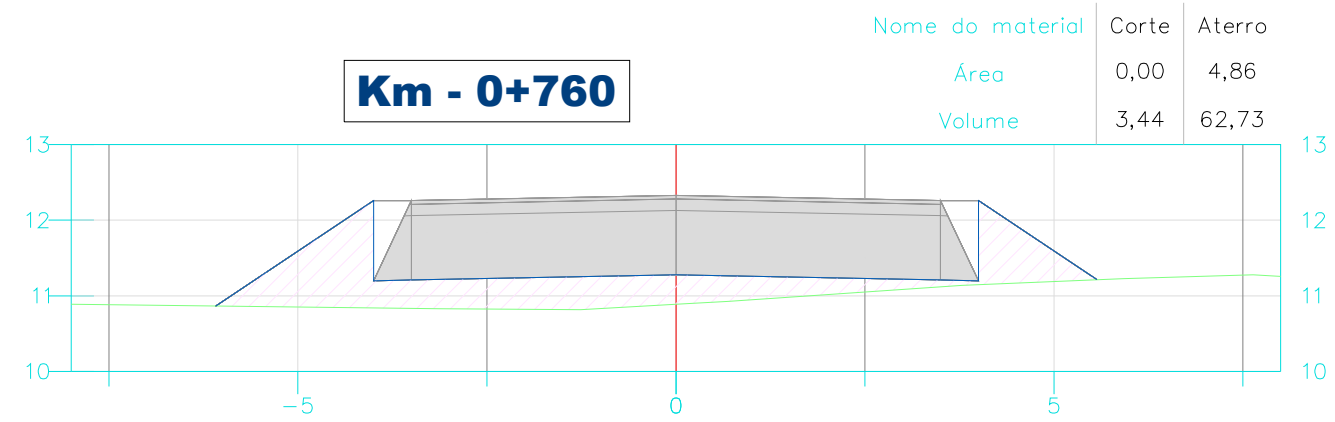
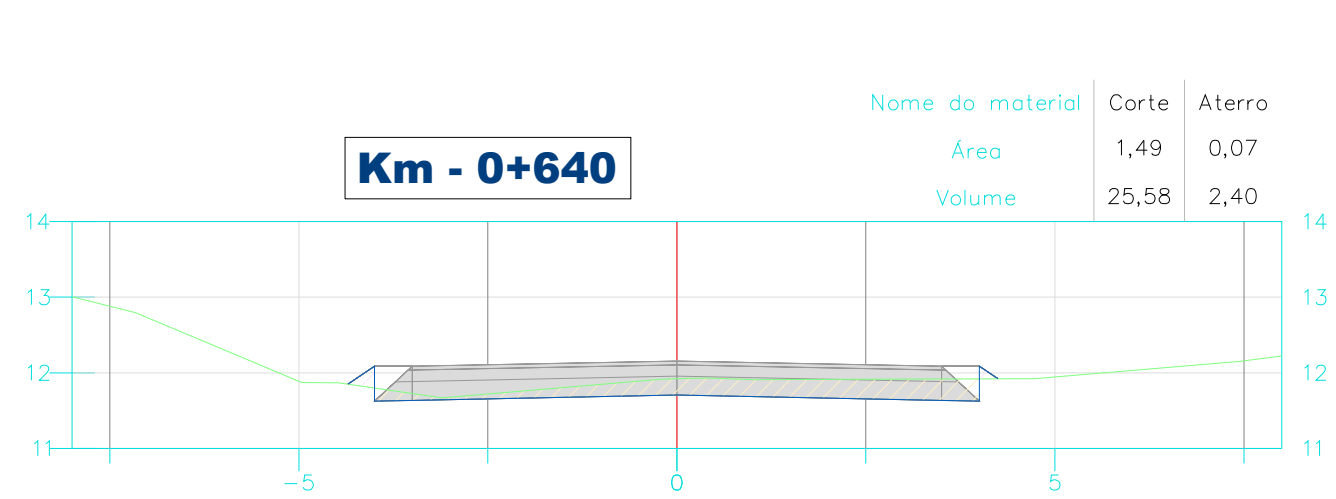
Conteúdo:
PROJETO TERRAPLENAGEM
SEÇÕES TRANSVERSAIS
CÁLCULO DE ÁREAS E VOLUMES

Data:
NOVEMBRO/2024

Escala:
h = 1 / 100 - v = 100

Revisão:
06





Proprietário:
MUNICÍPIO DE JOINVILLE

Objeto:
PROJETO DE PAVIMENTAÇÃO ASFALTICA

Endereço:
ESTRADA JATIVOCA

Responsável Técnico:
MARCOS CANCELIER MATTEI
Crea 112.799-7

Assinatura:

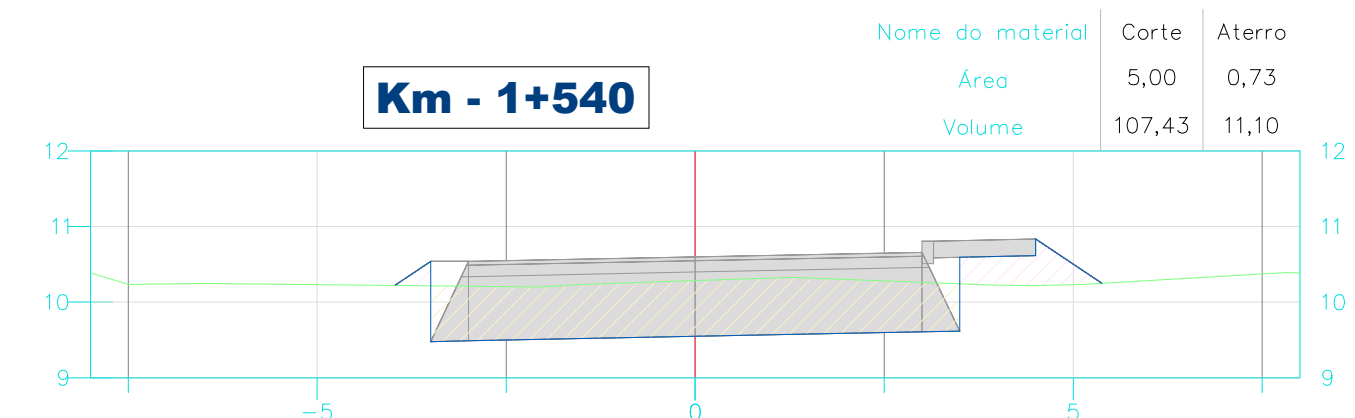
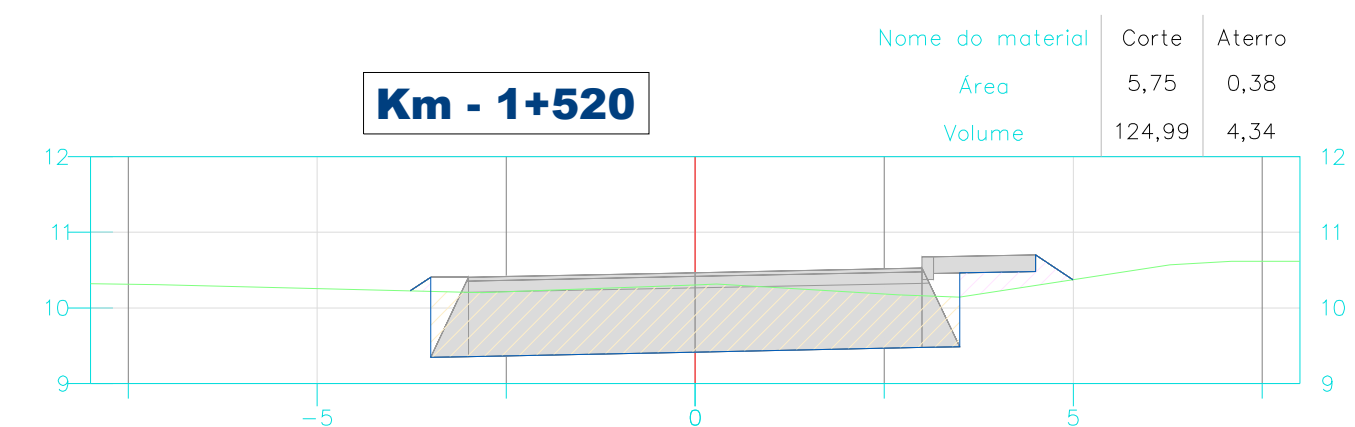
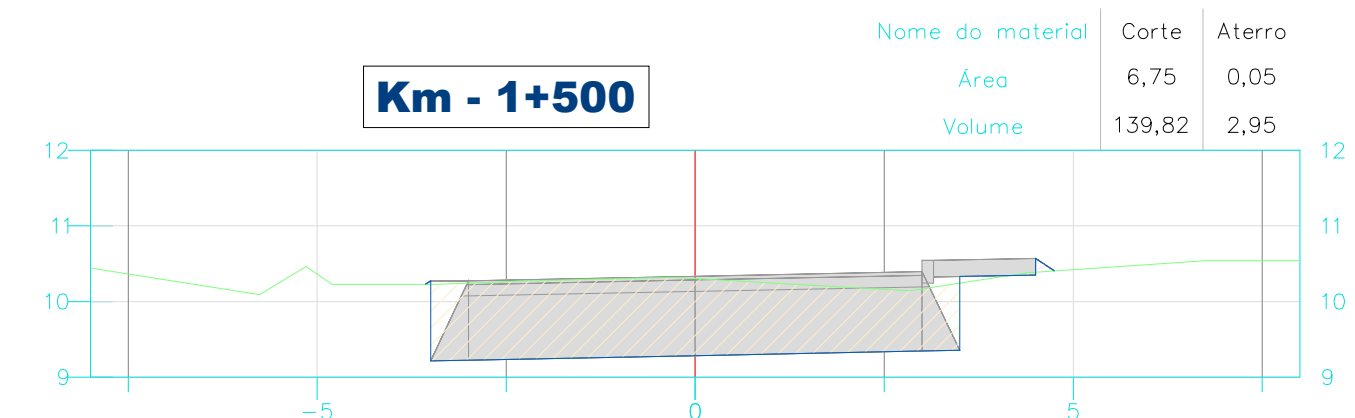
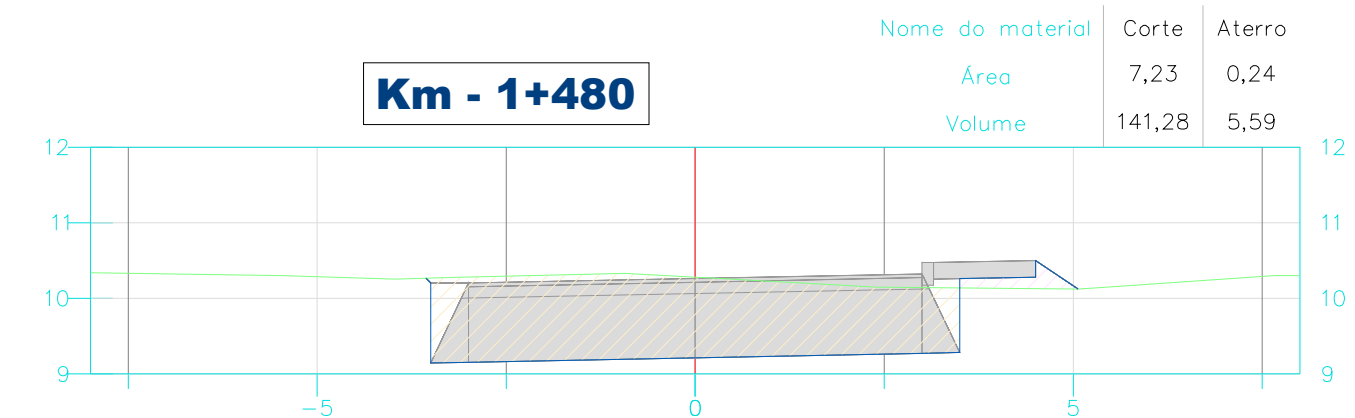
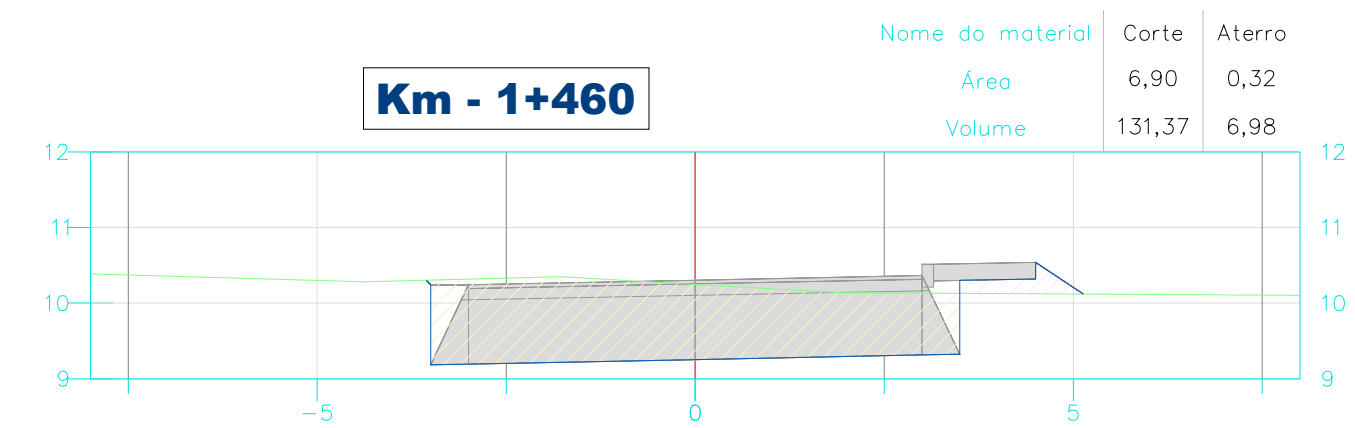
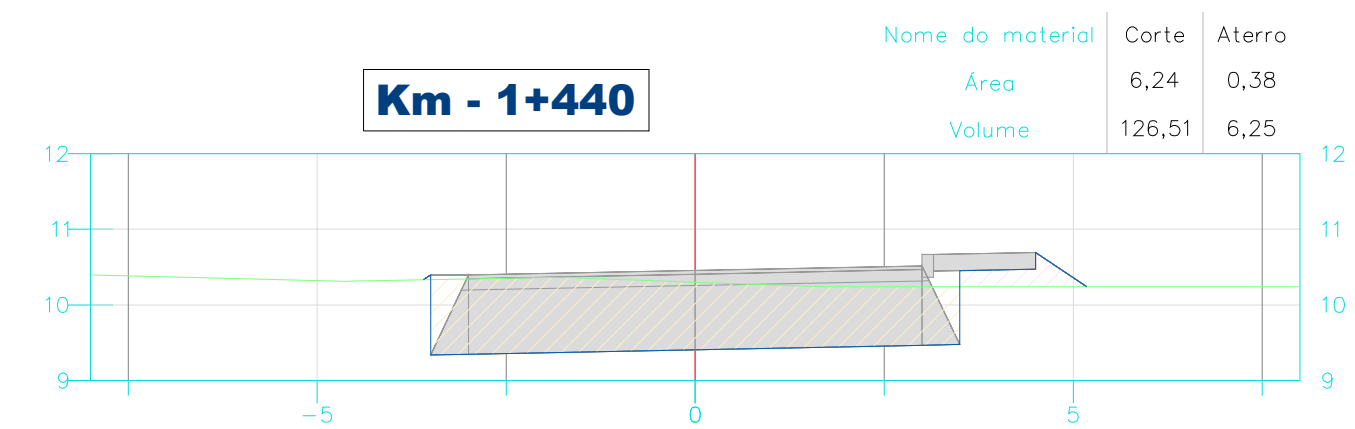
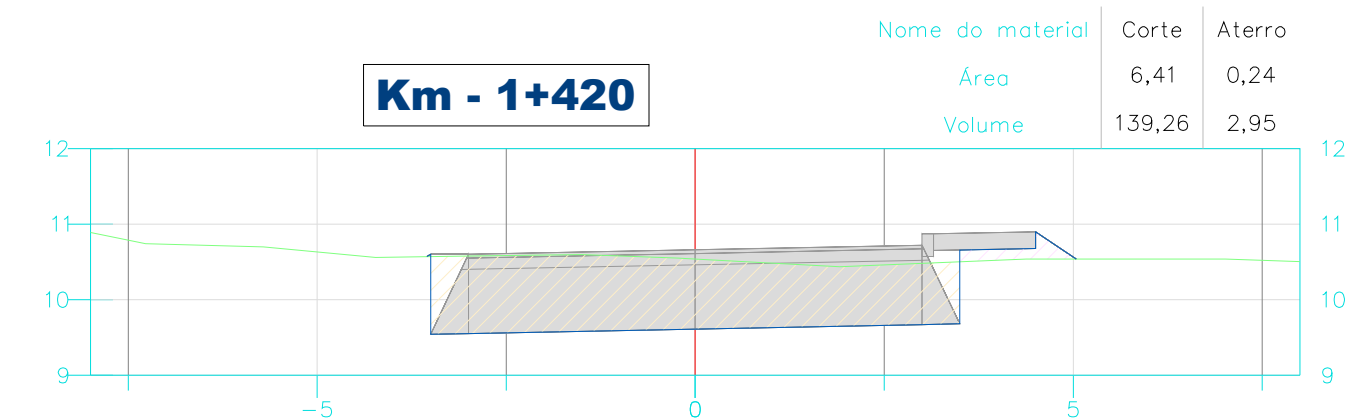
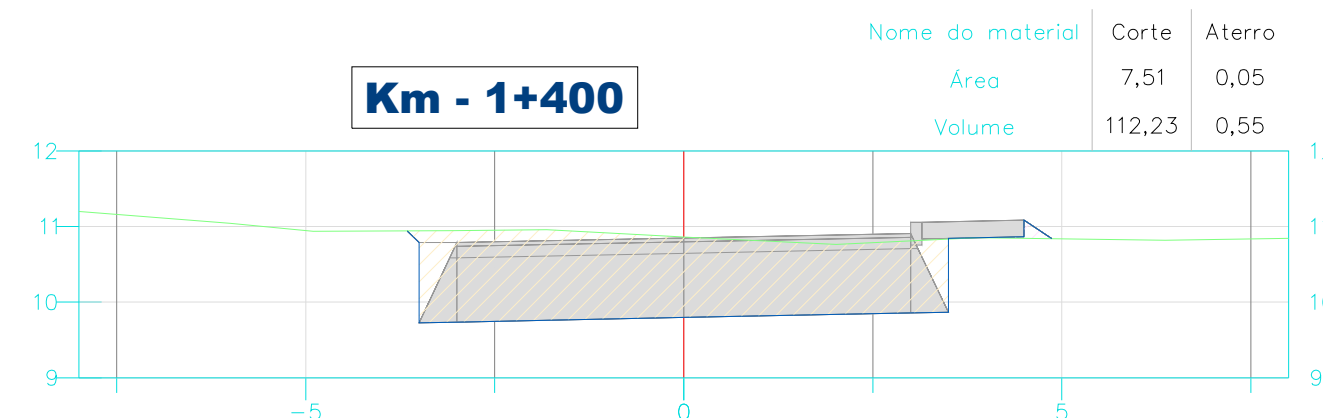
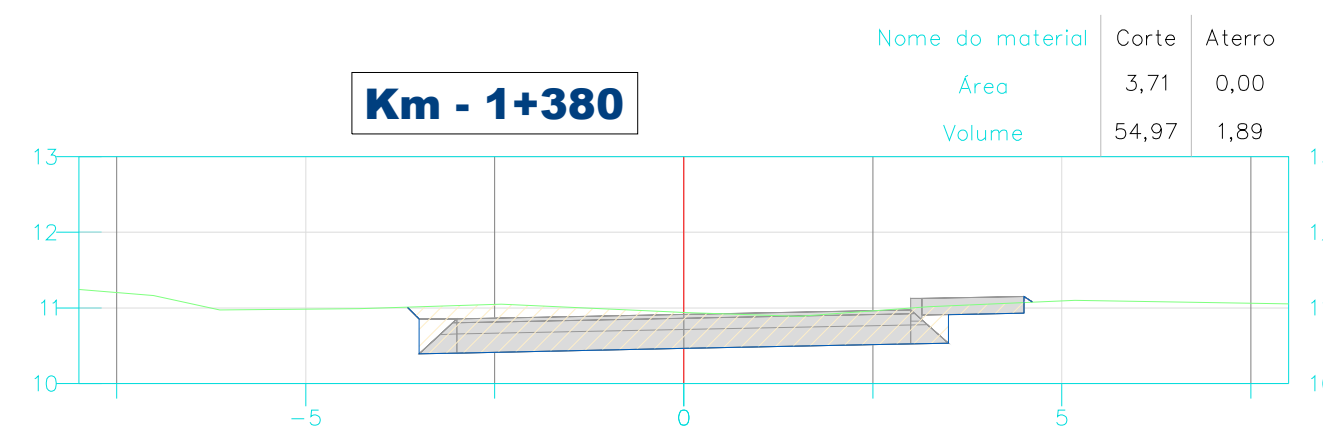
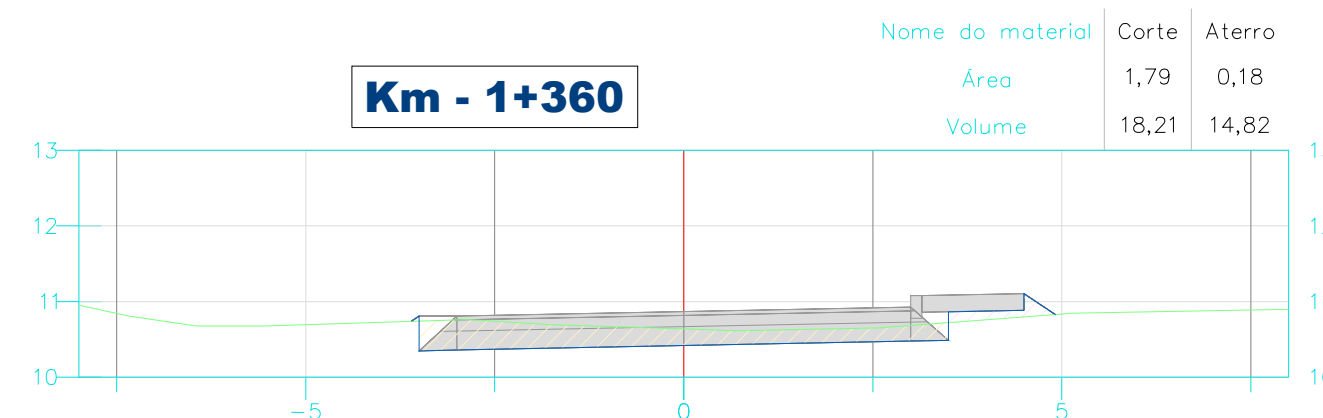
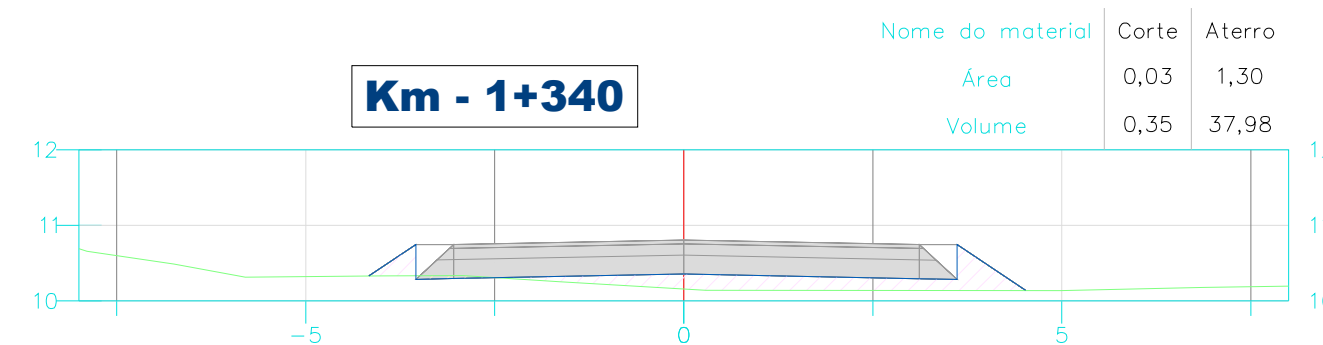
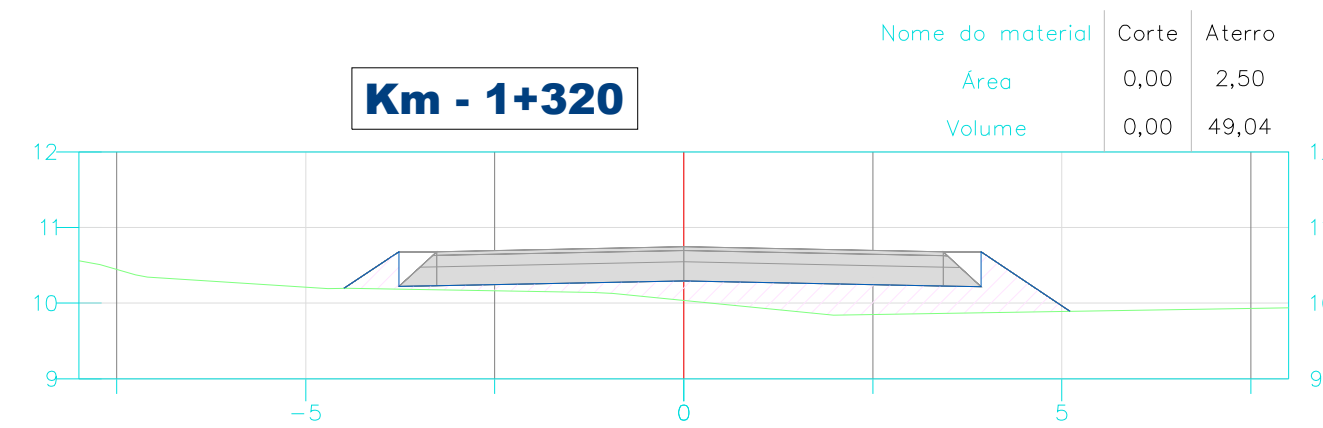
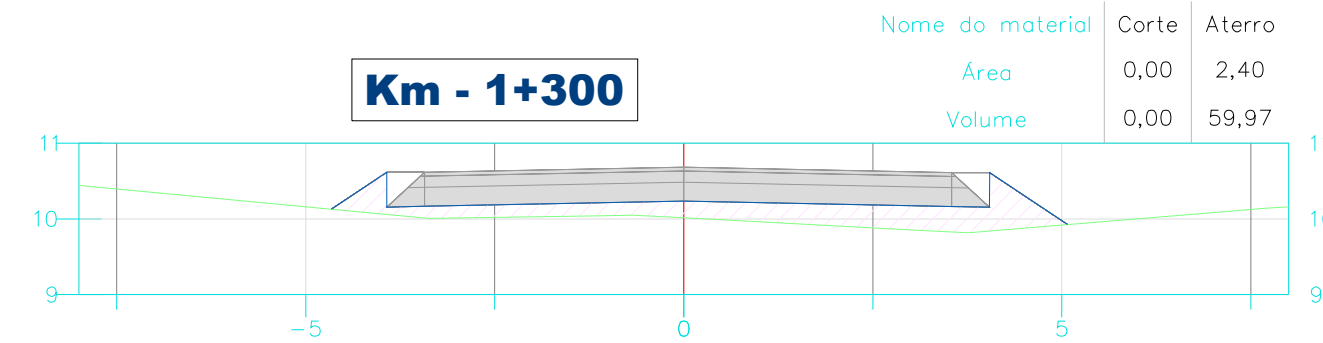
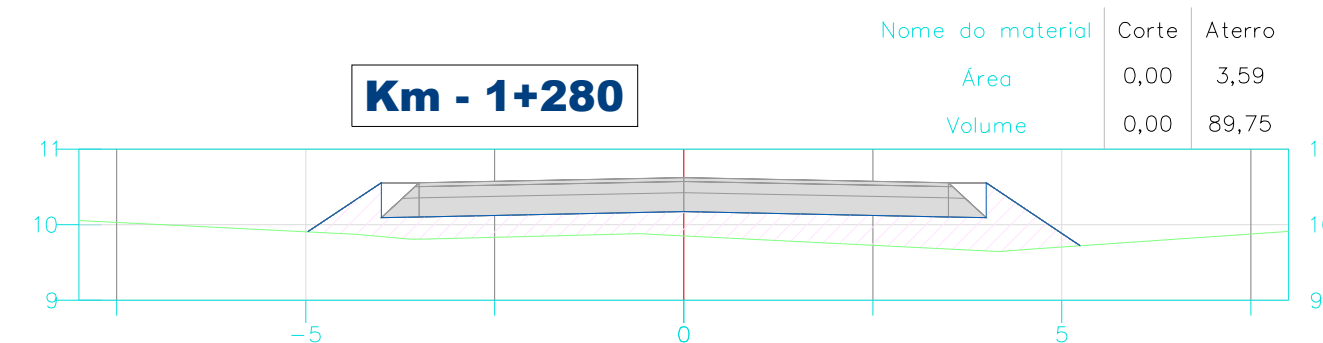
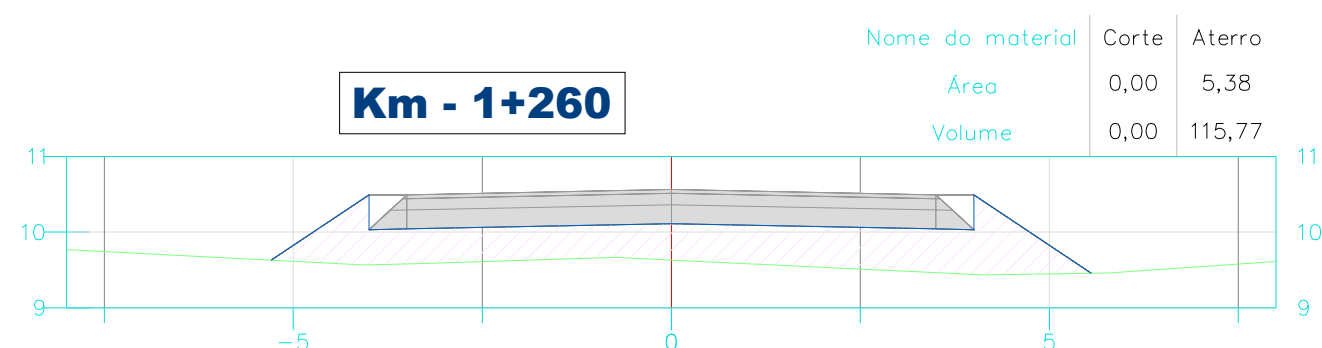
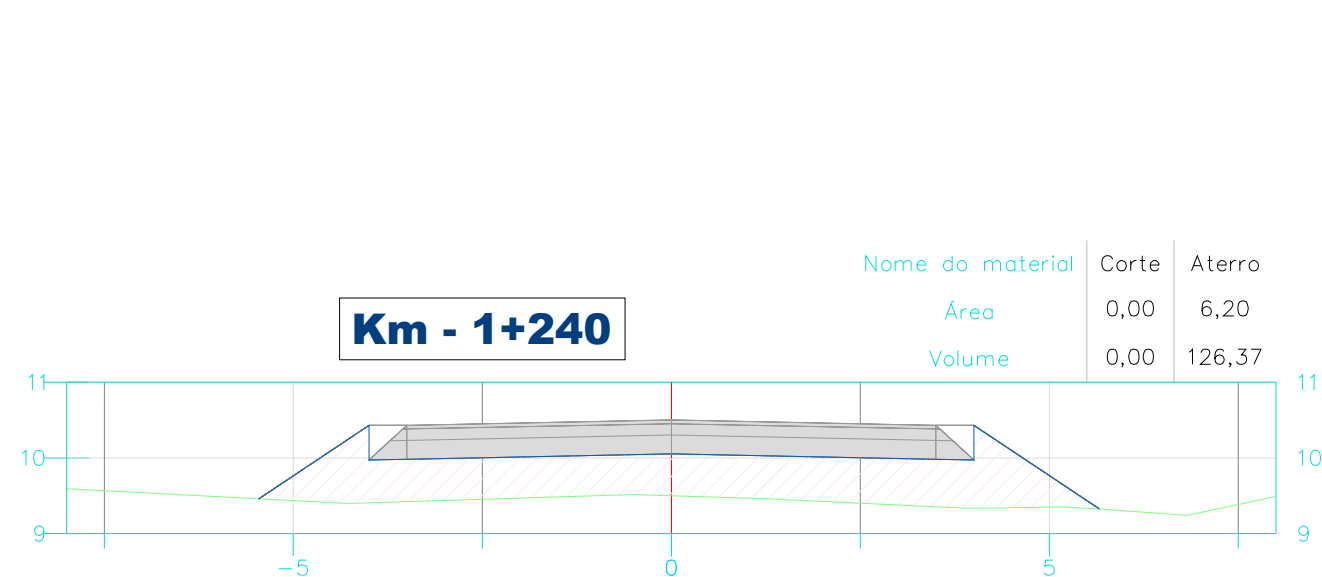
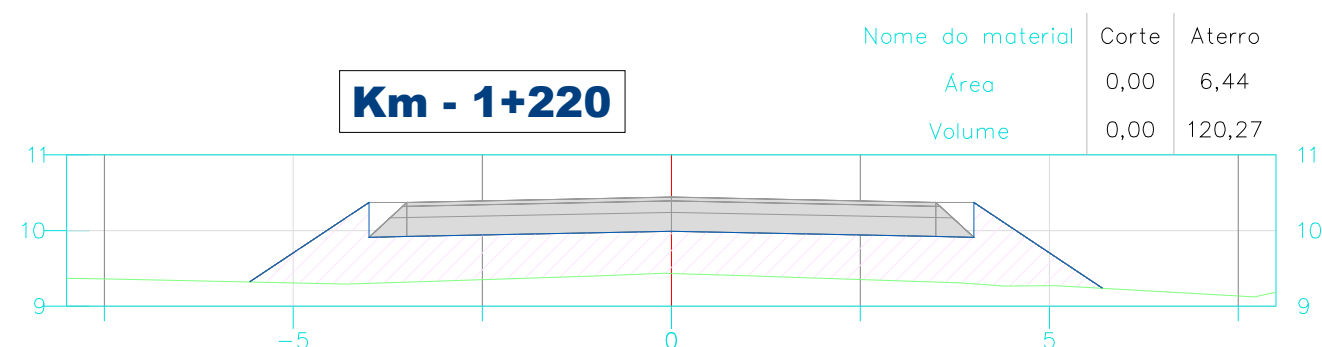
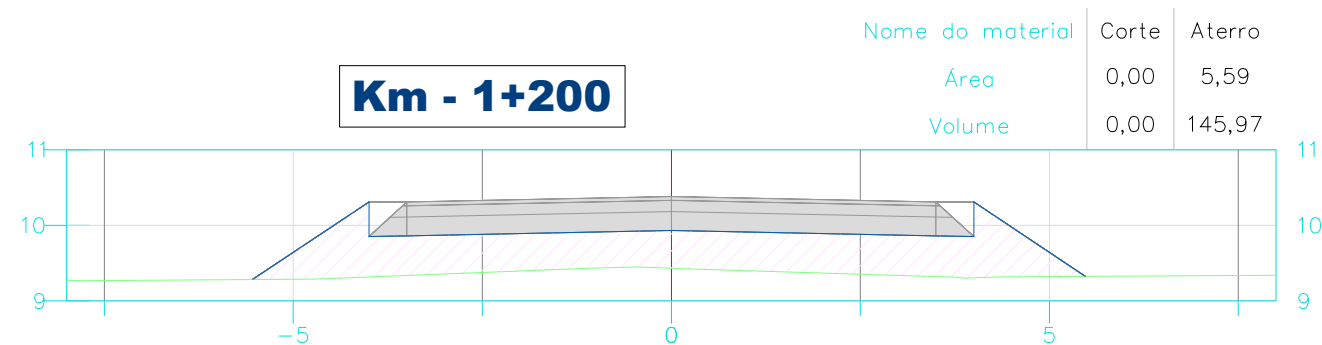
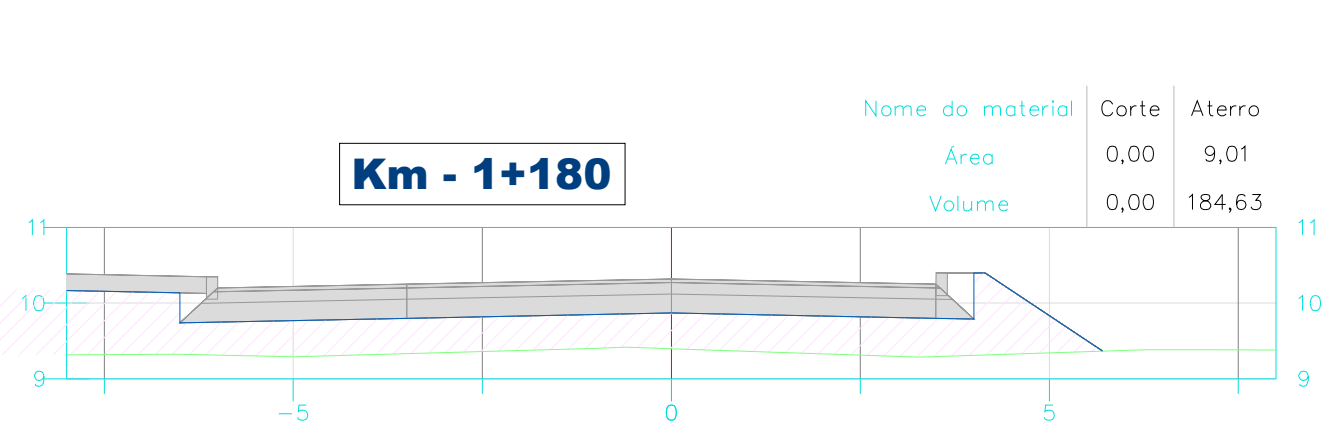
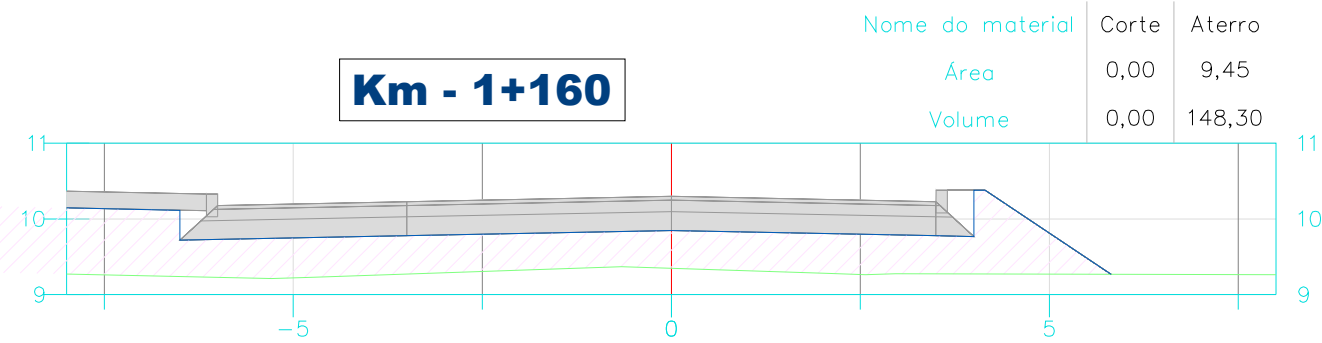
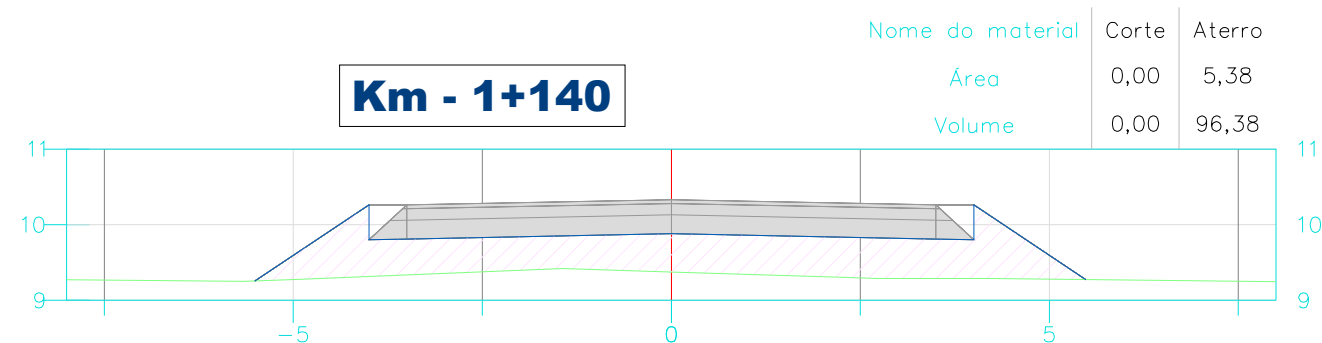
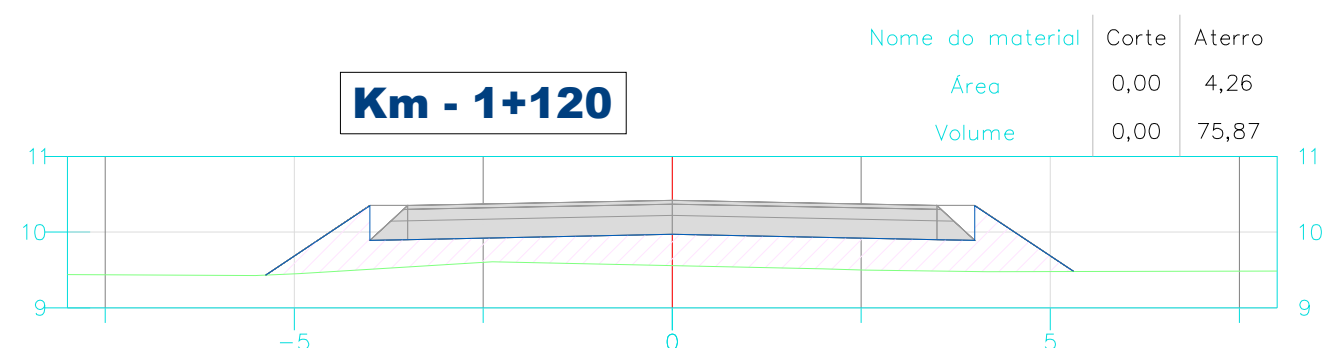
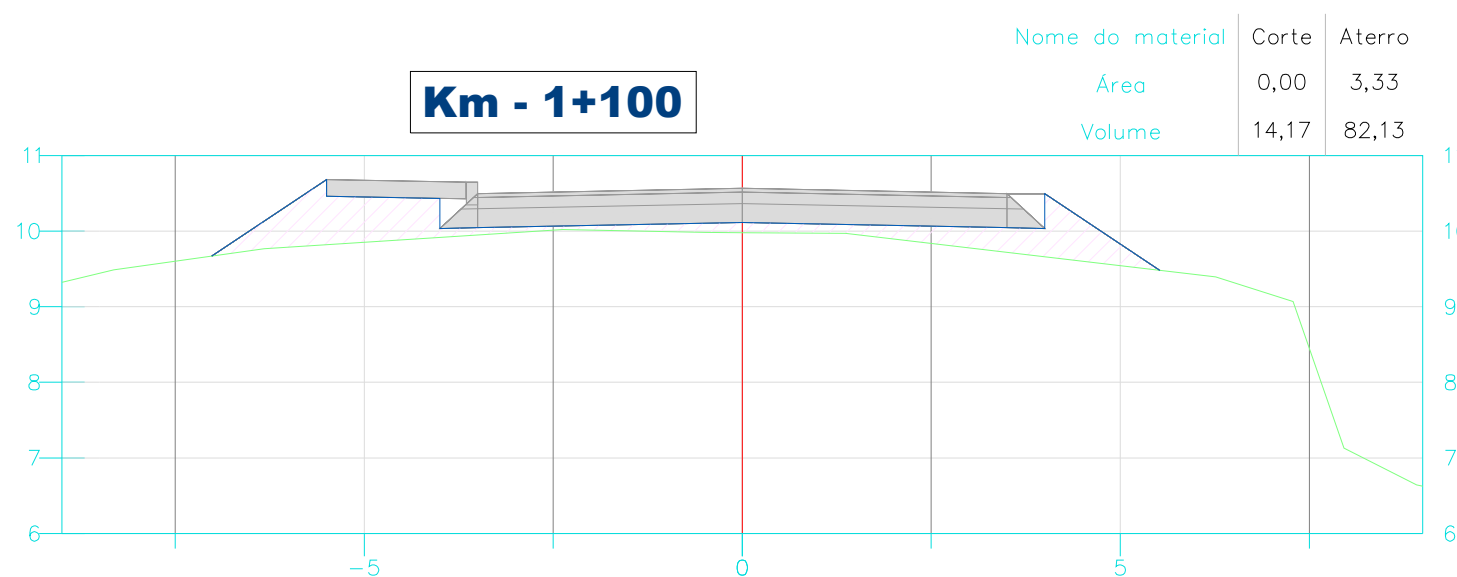
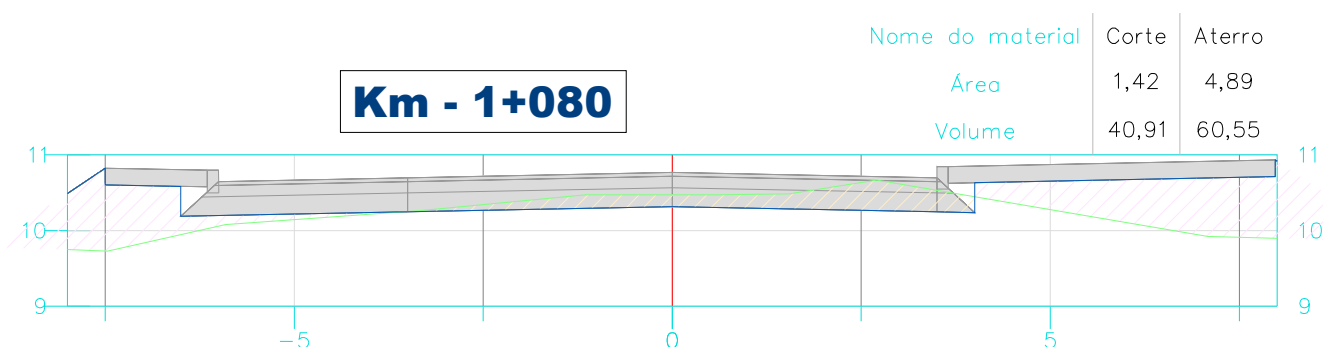
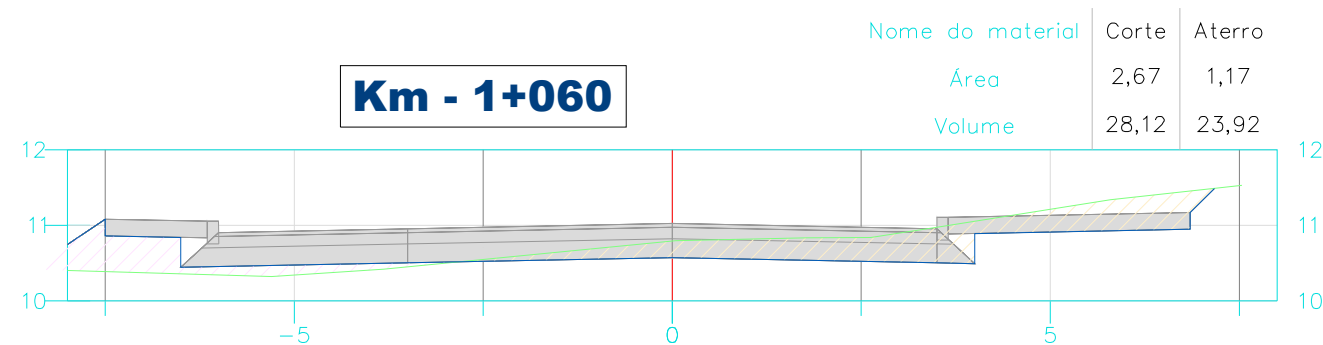
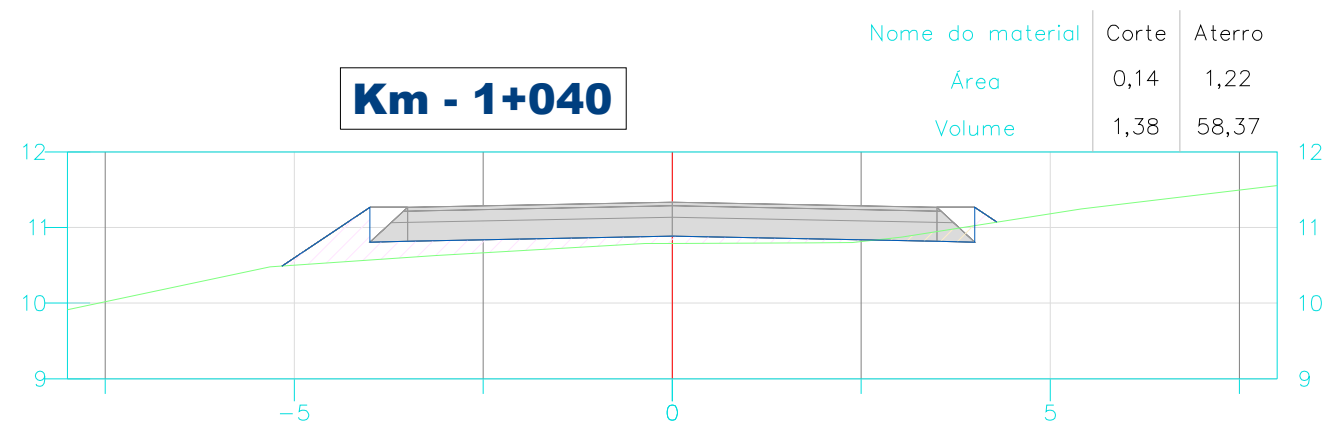
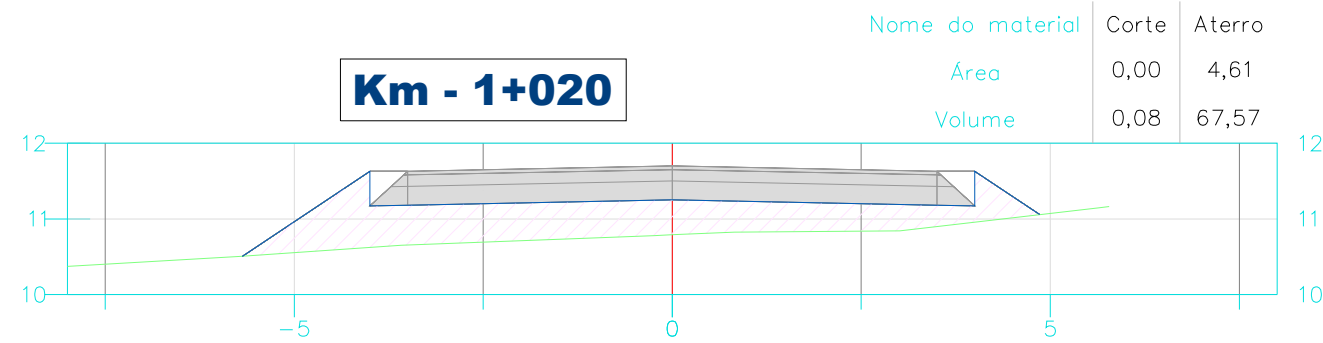
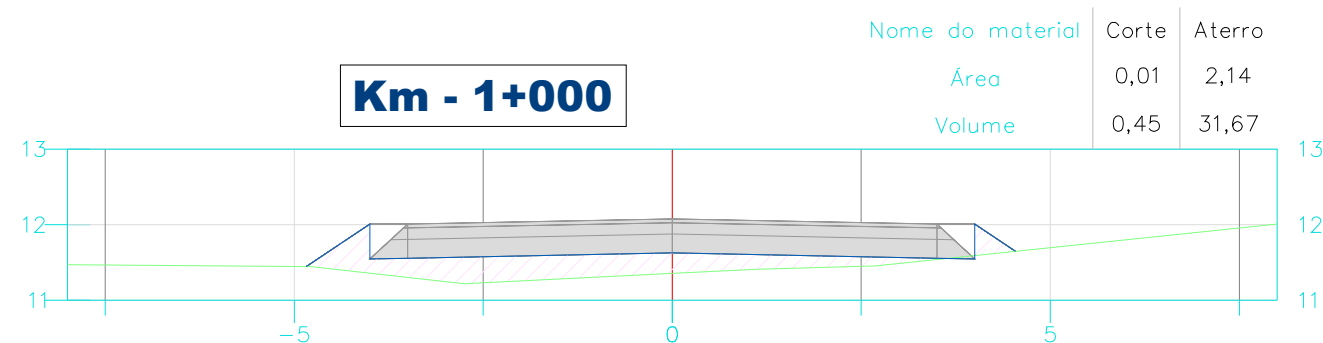
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PROJETO TERRAPLENAGEM
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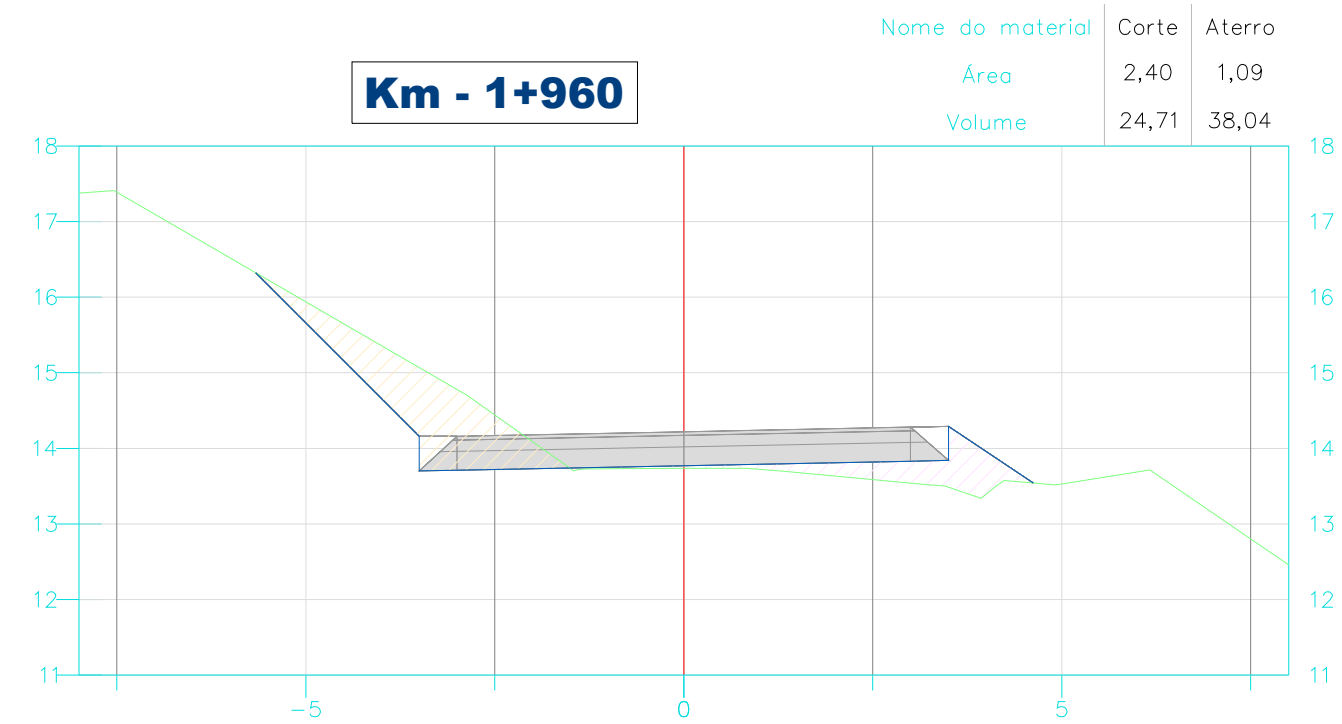
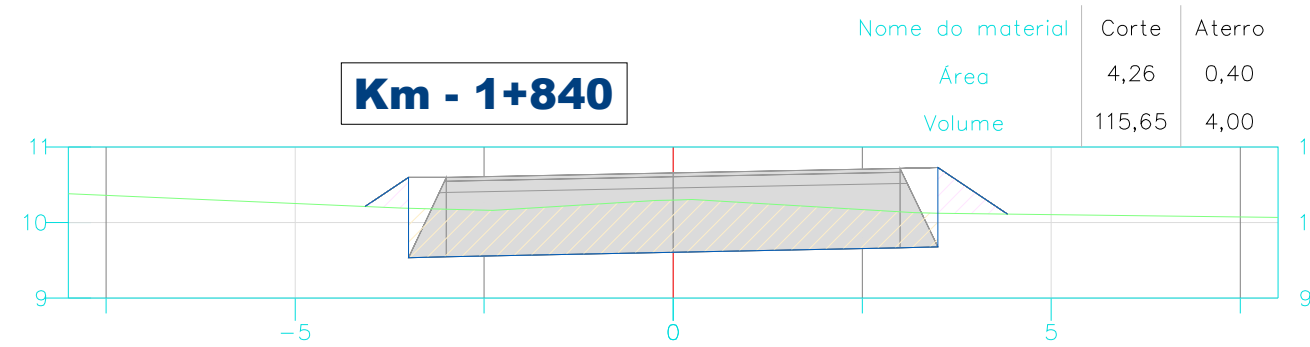
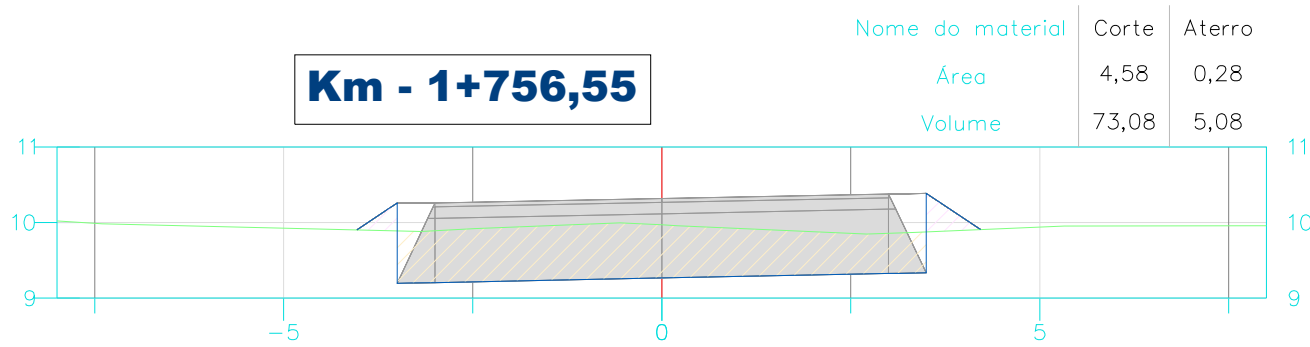
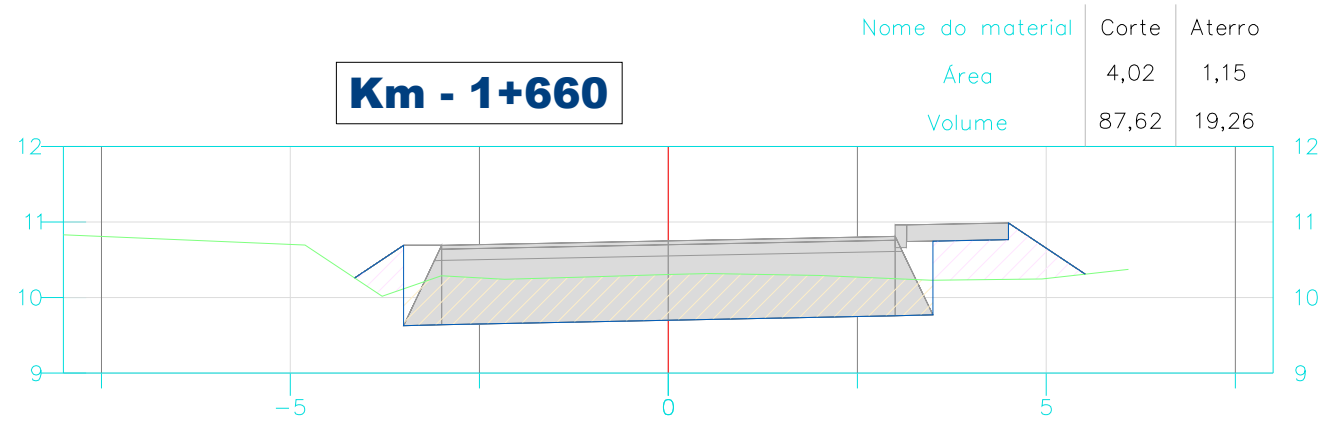
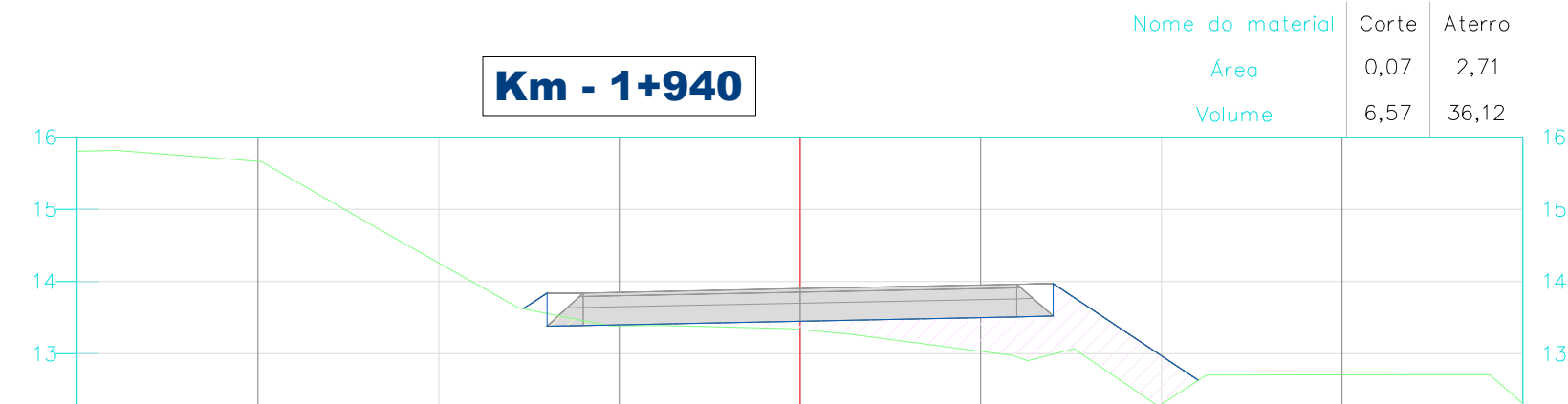
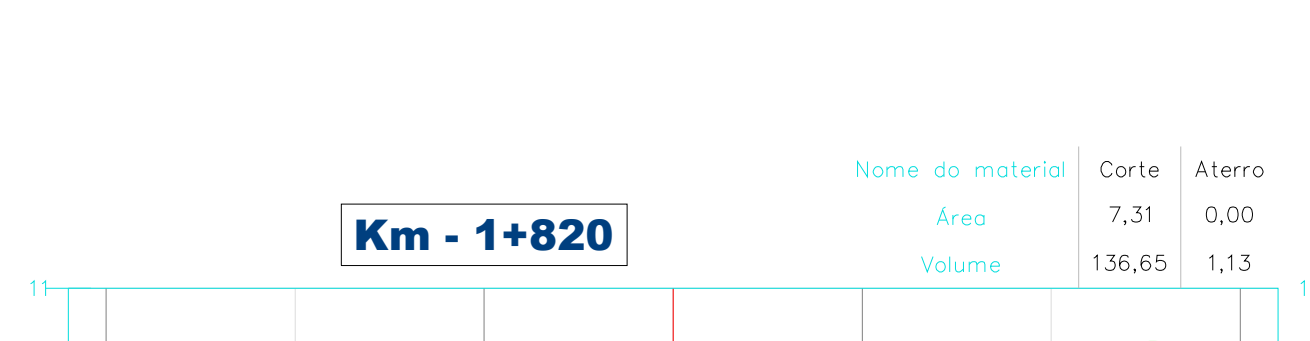
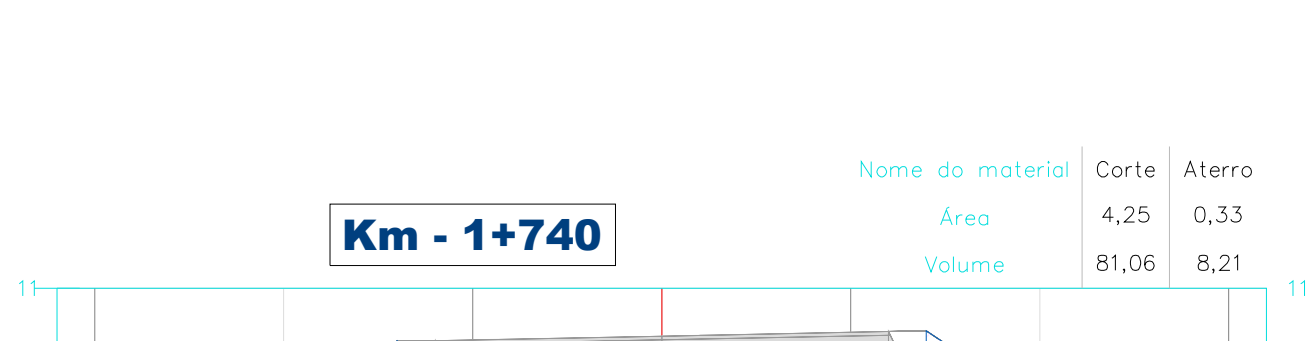
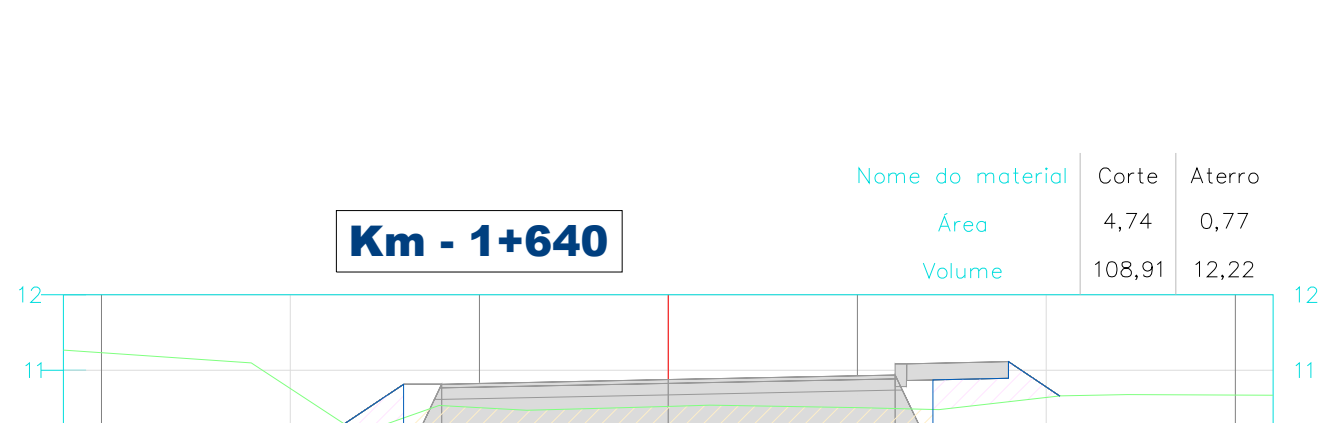
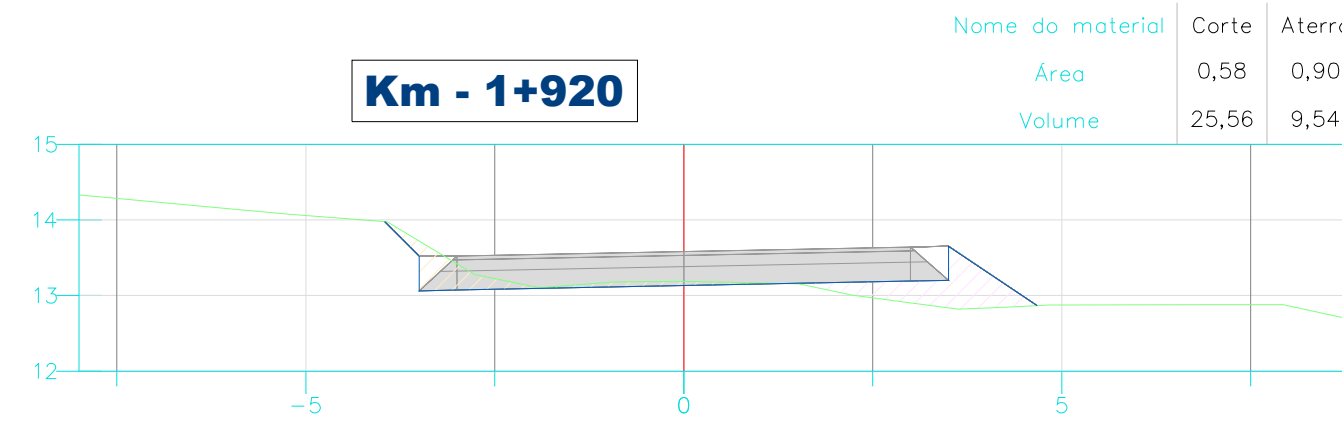
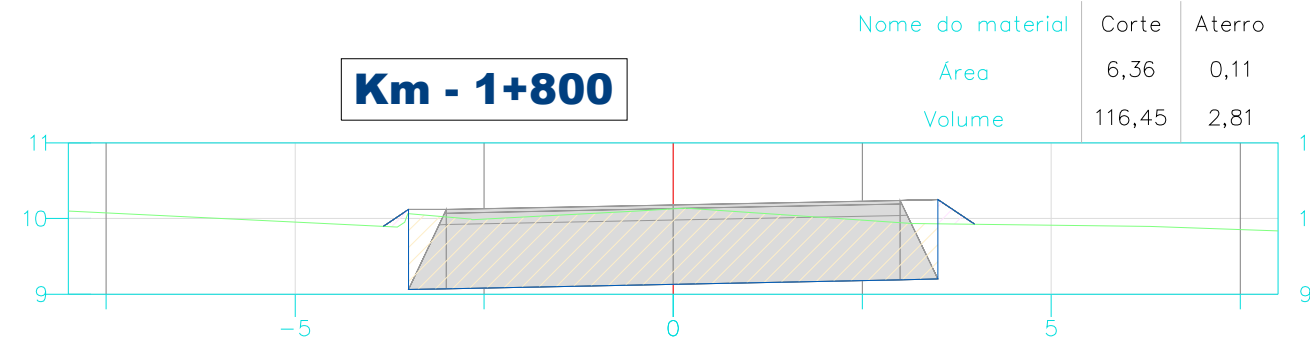
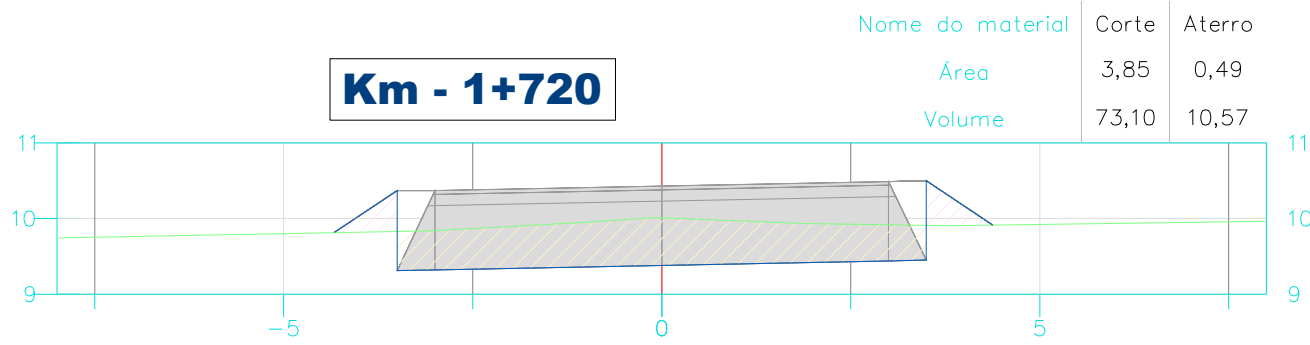
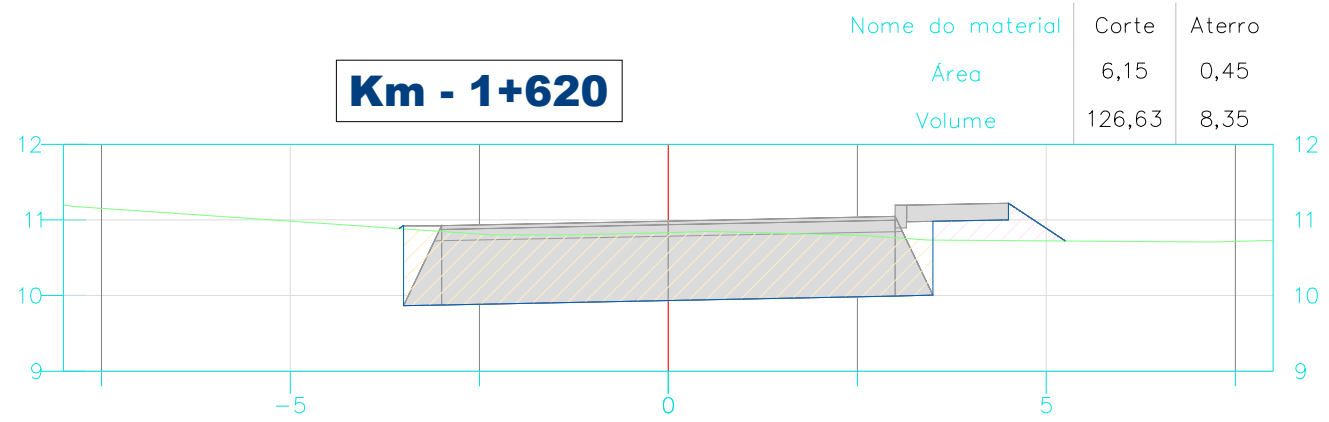
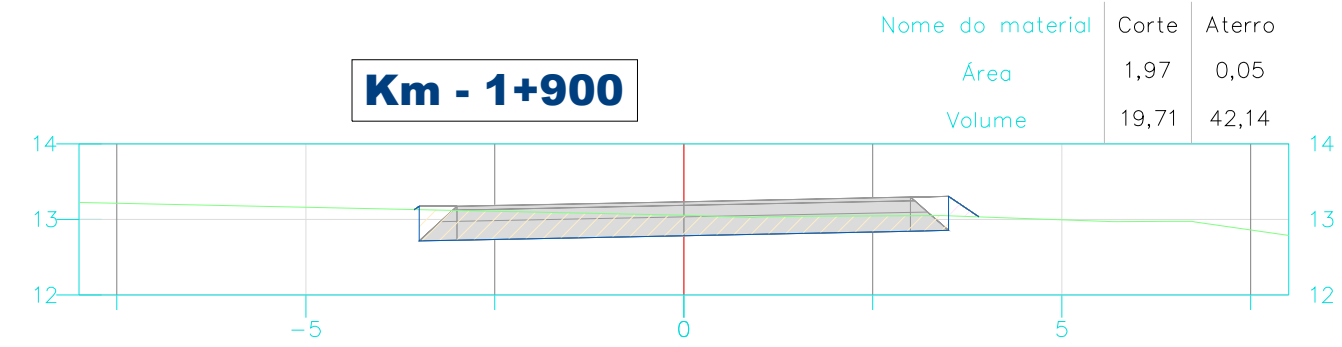
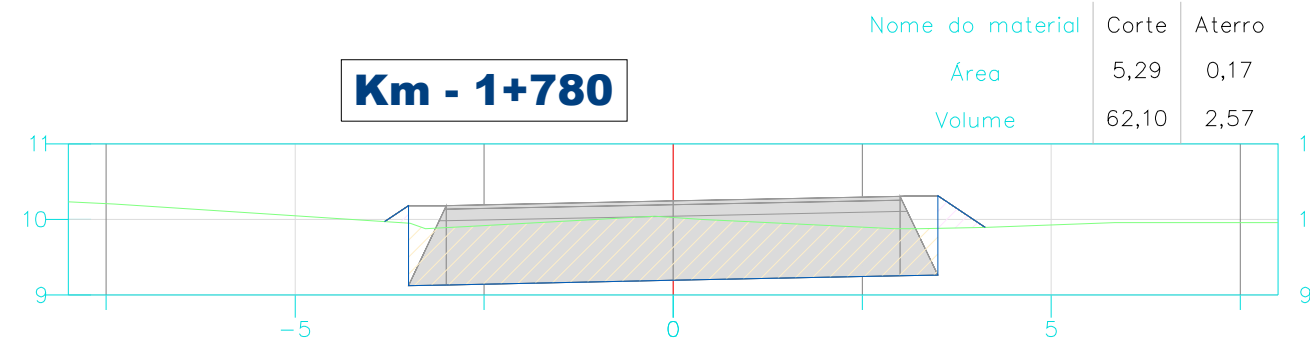
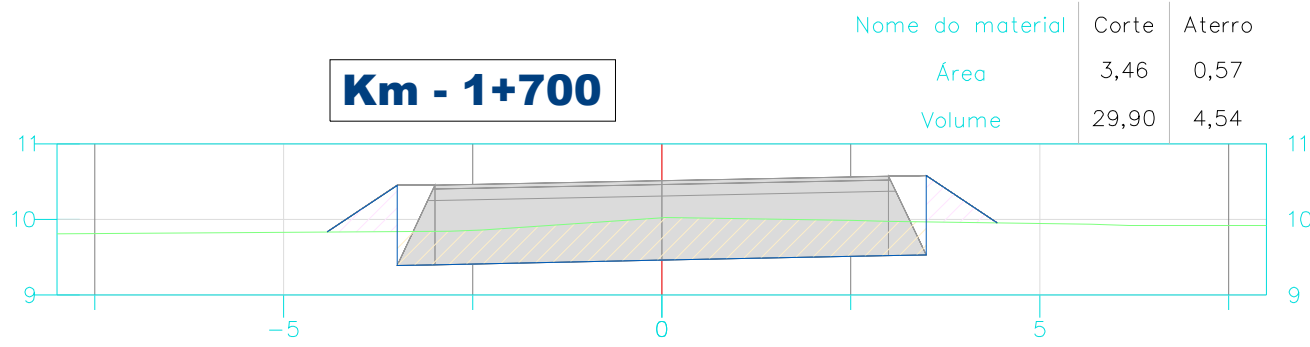
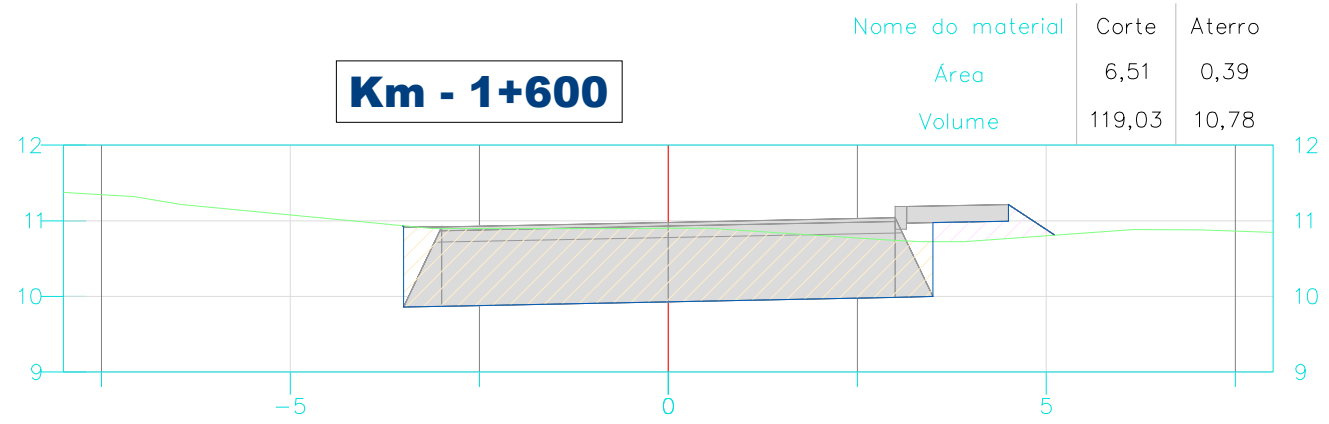
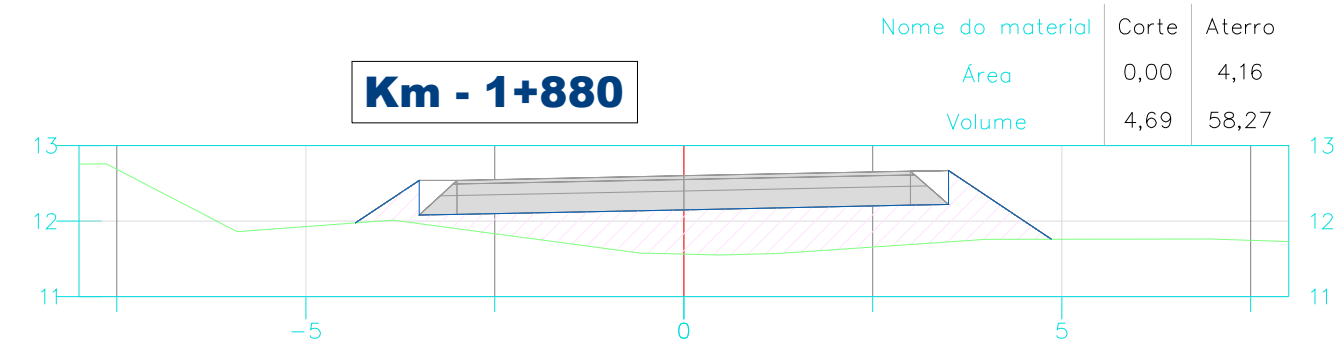
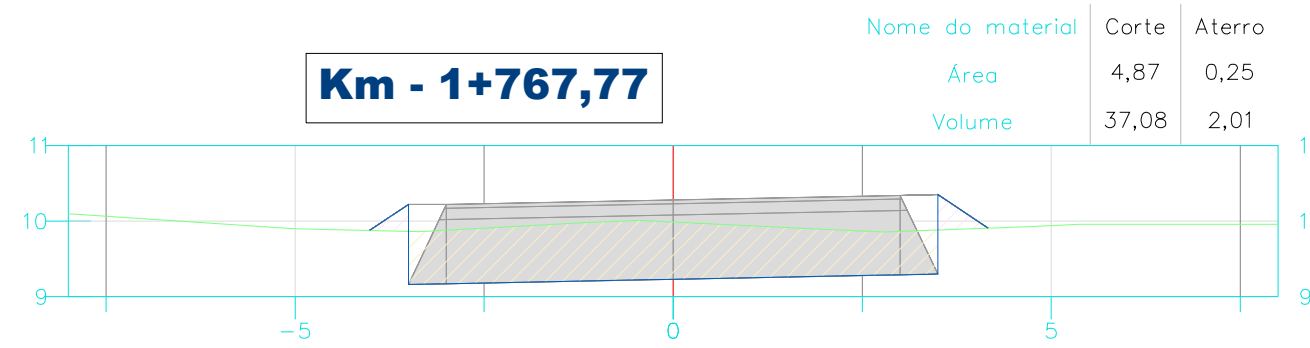
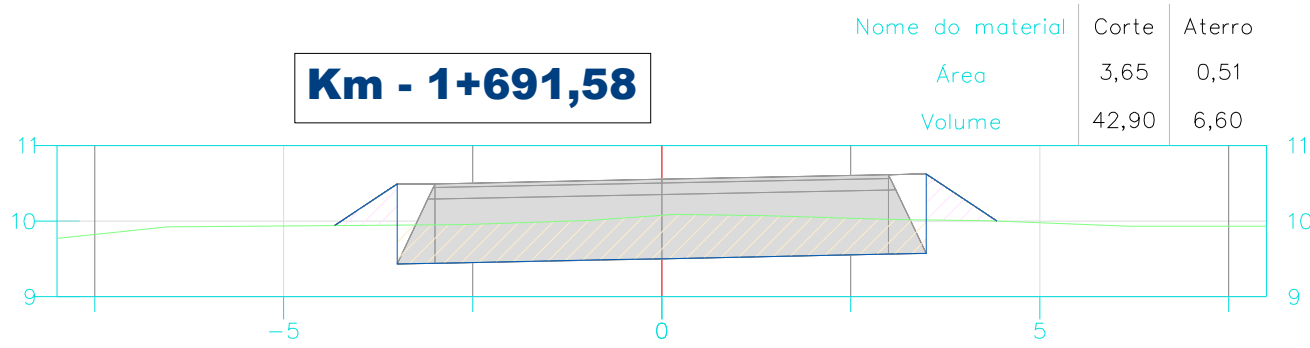
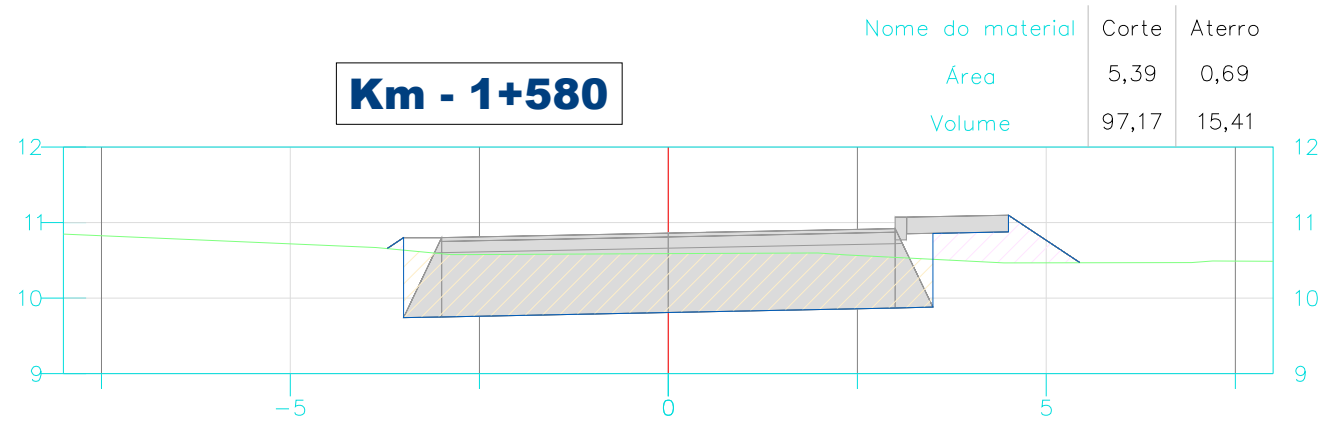
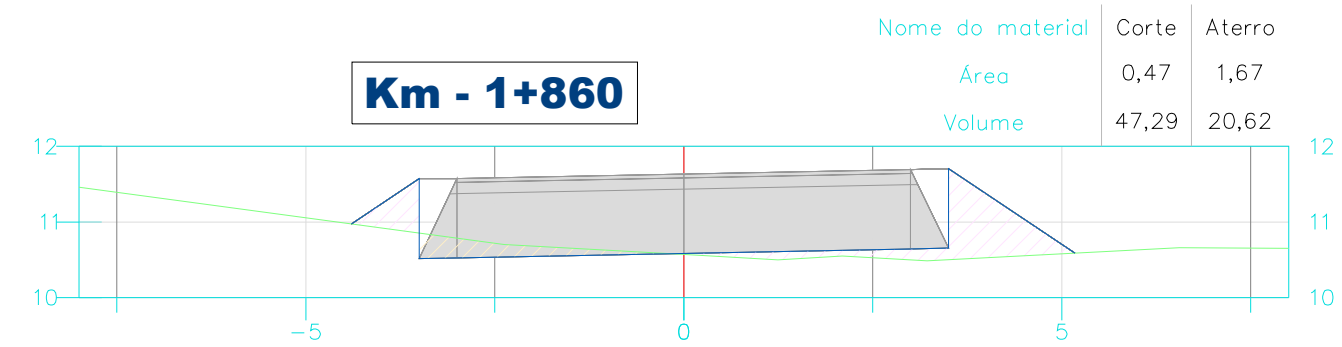
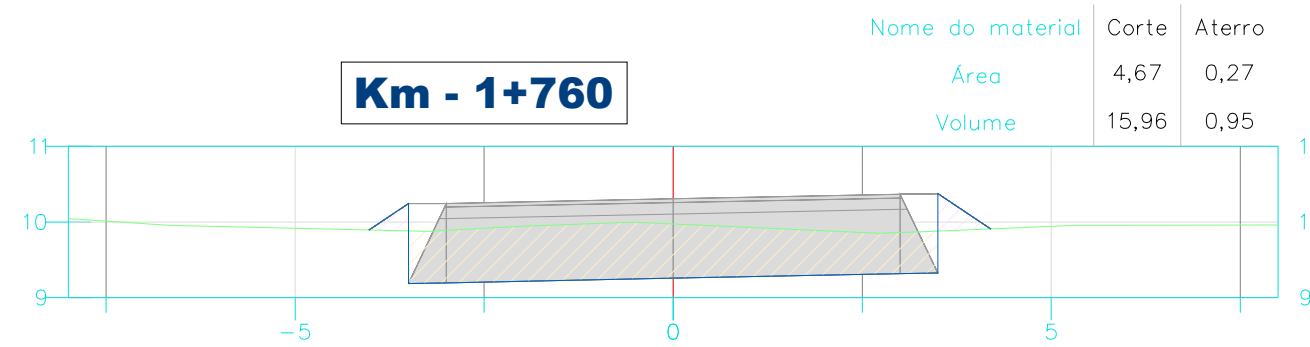
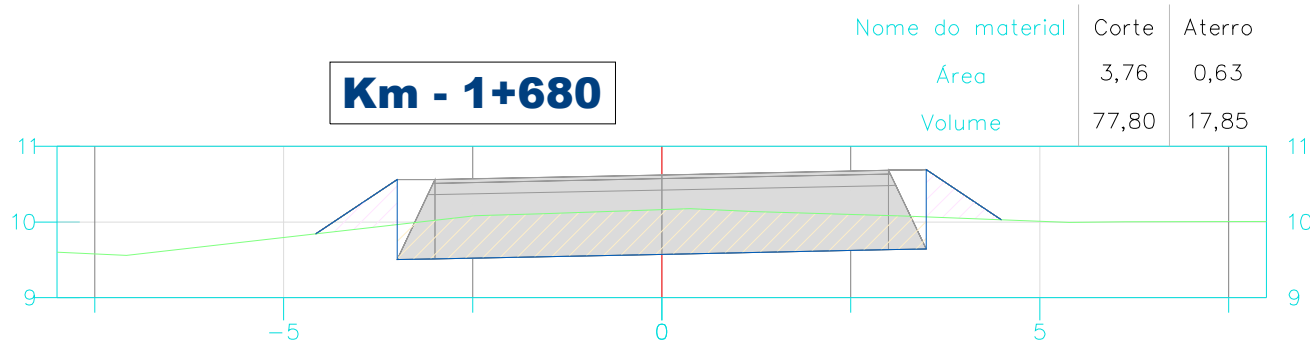
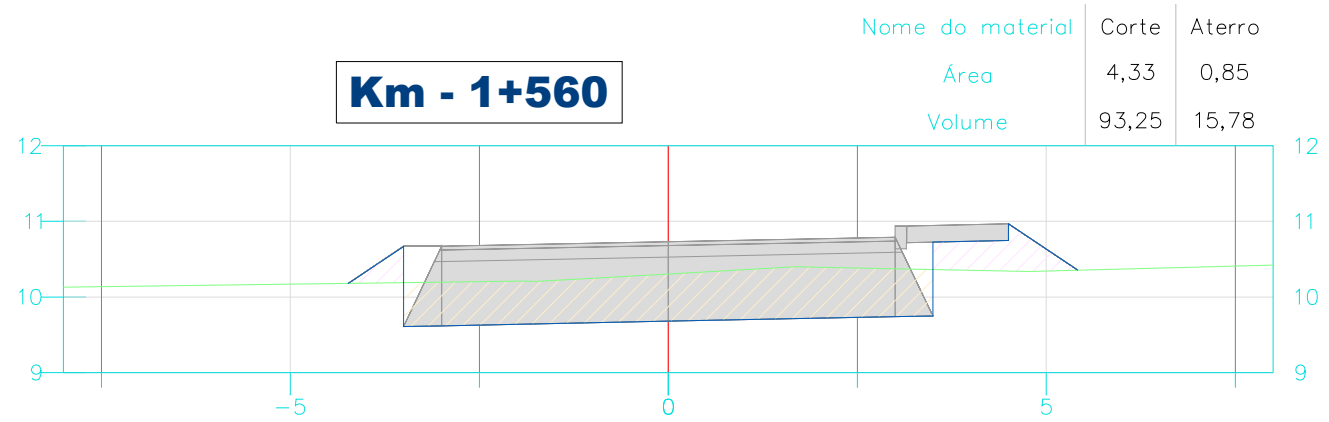
Conteúdo:
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CÁLCULO DE ÁREAS E VOLUMES

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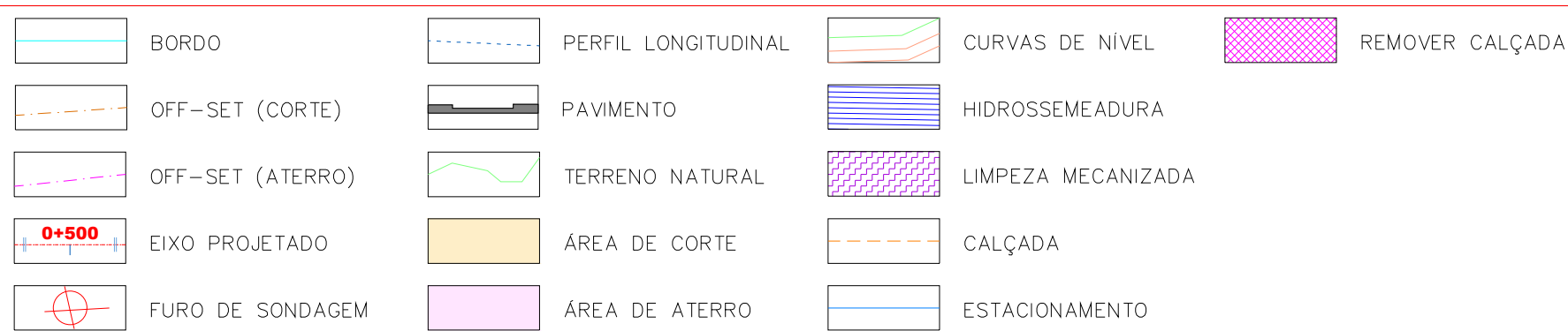
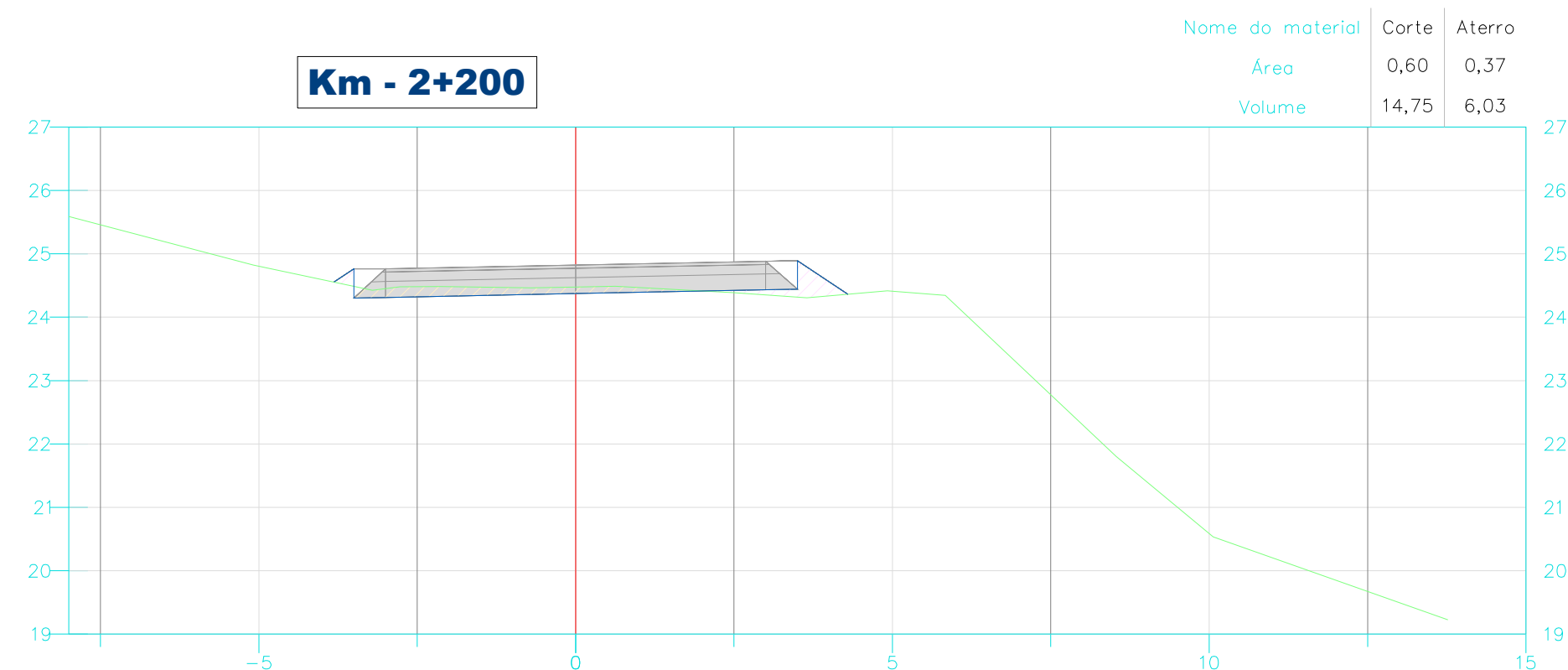
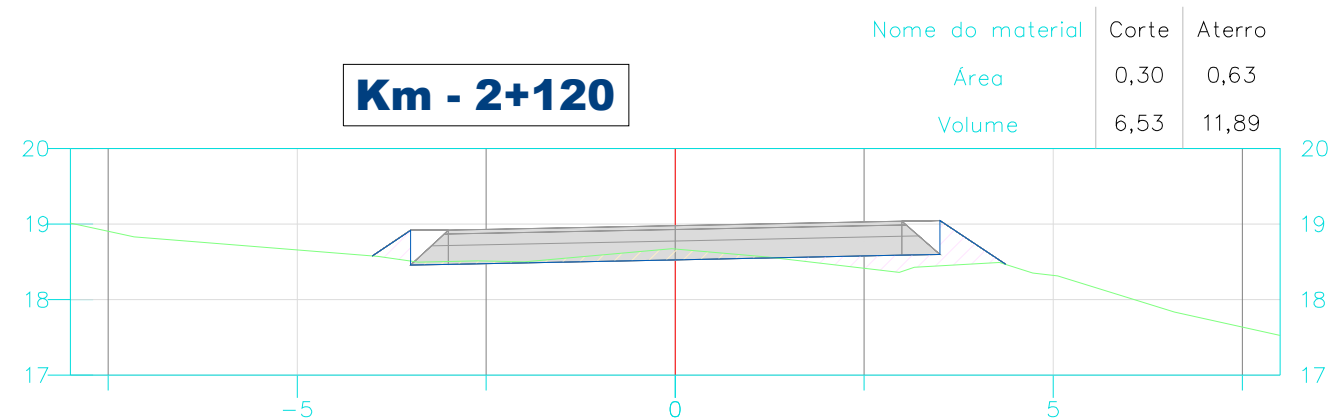
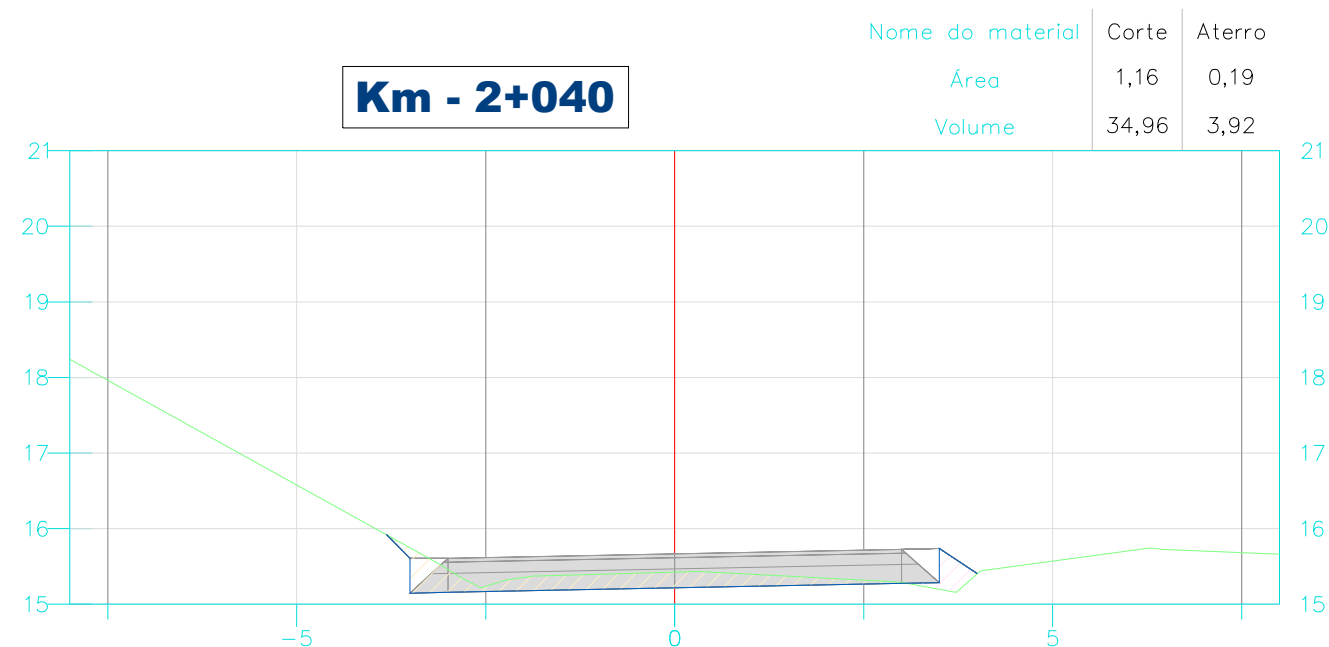
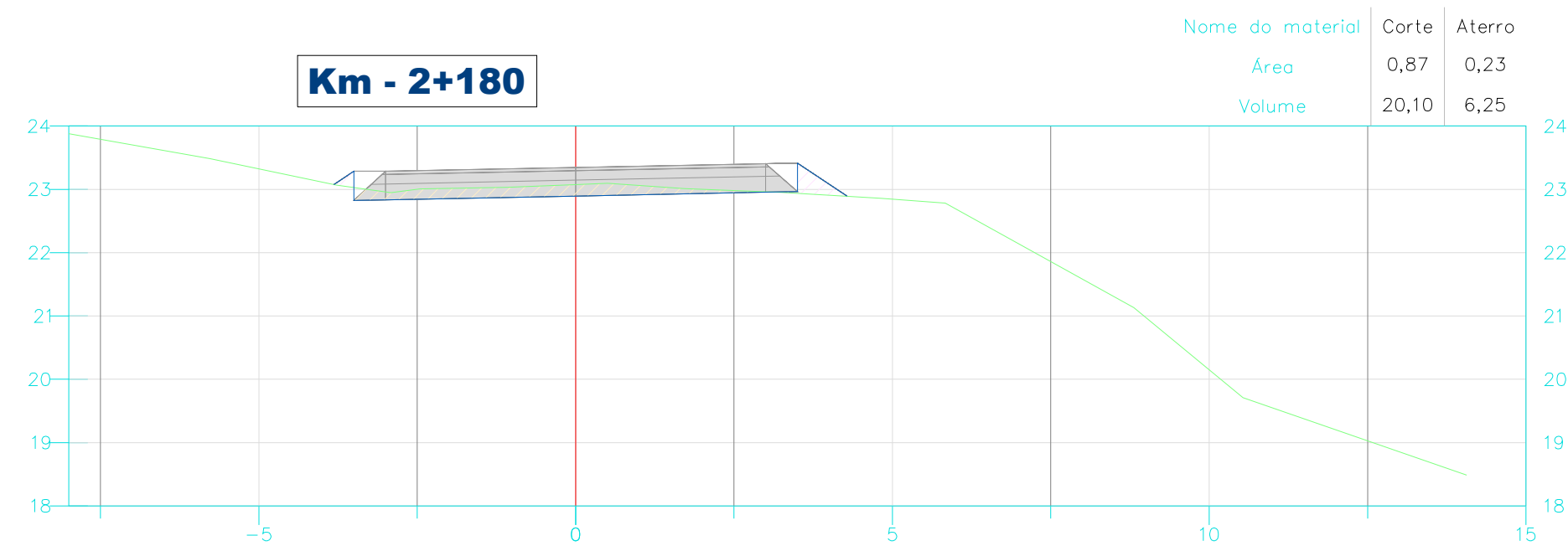
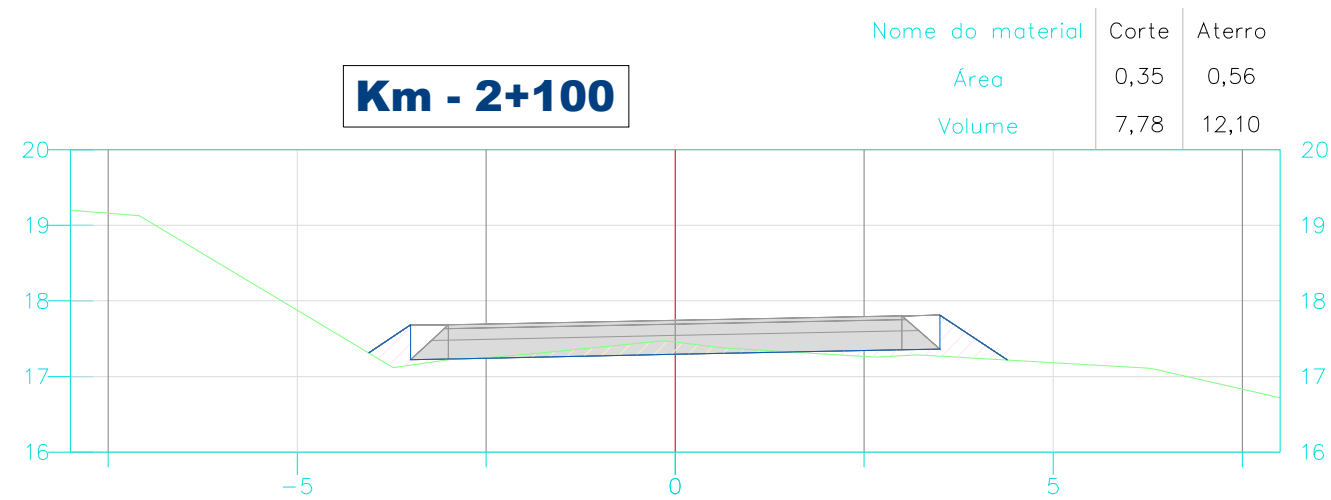
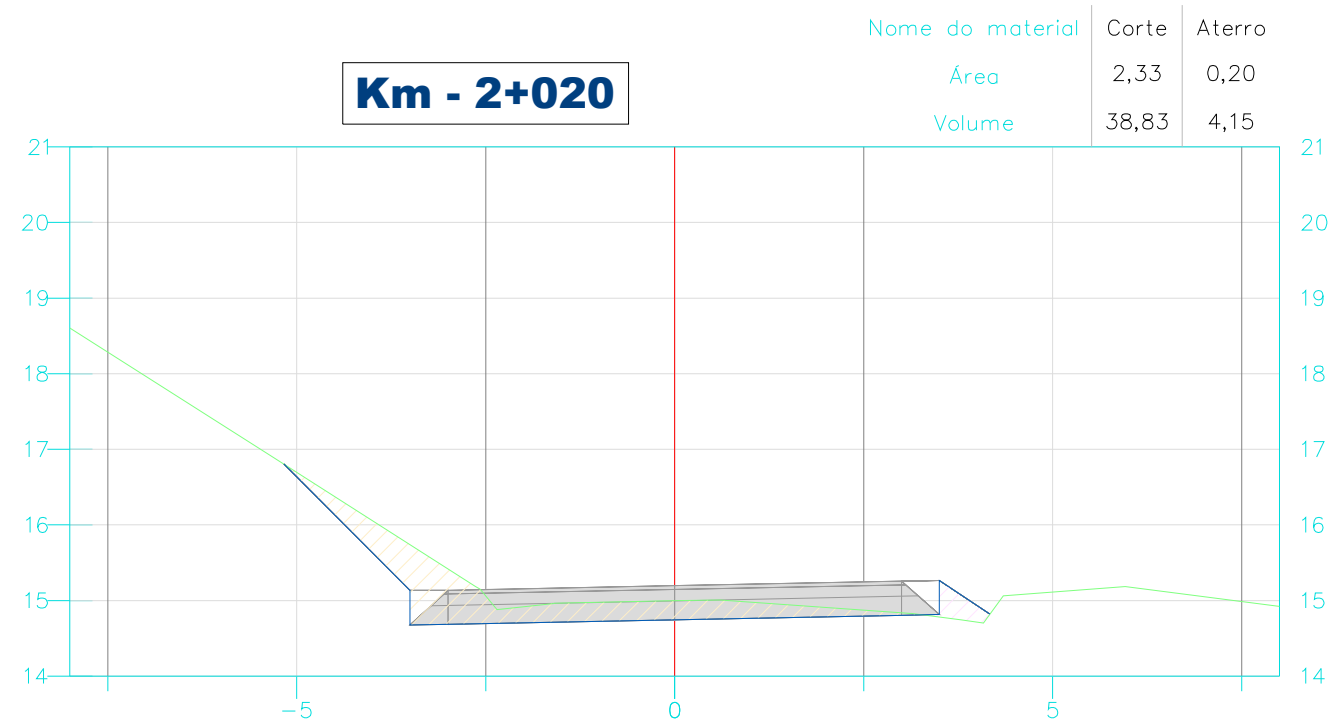
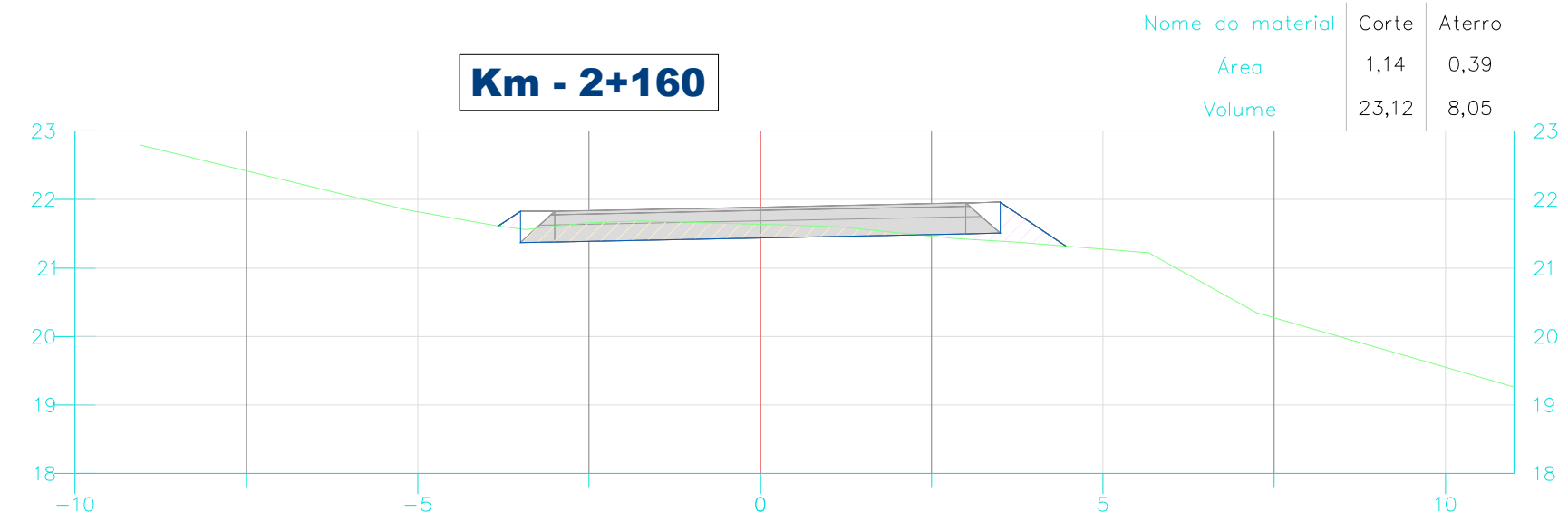
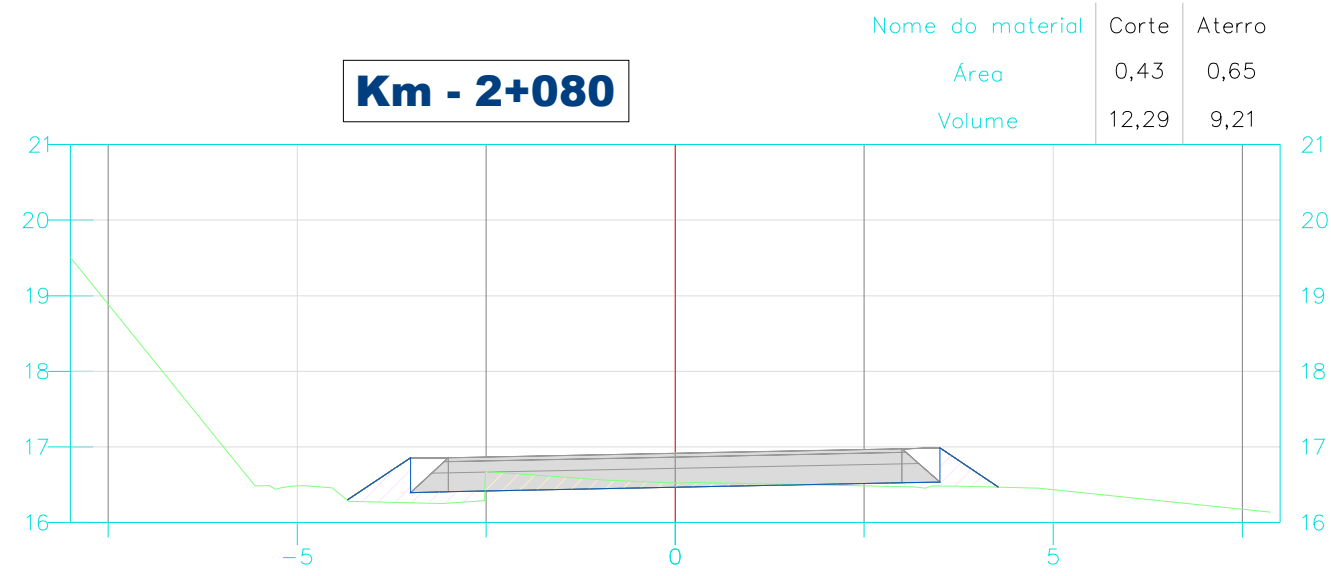
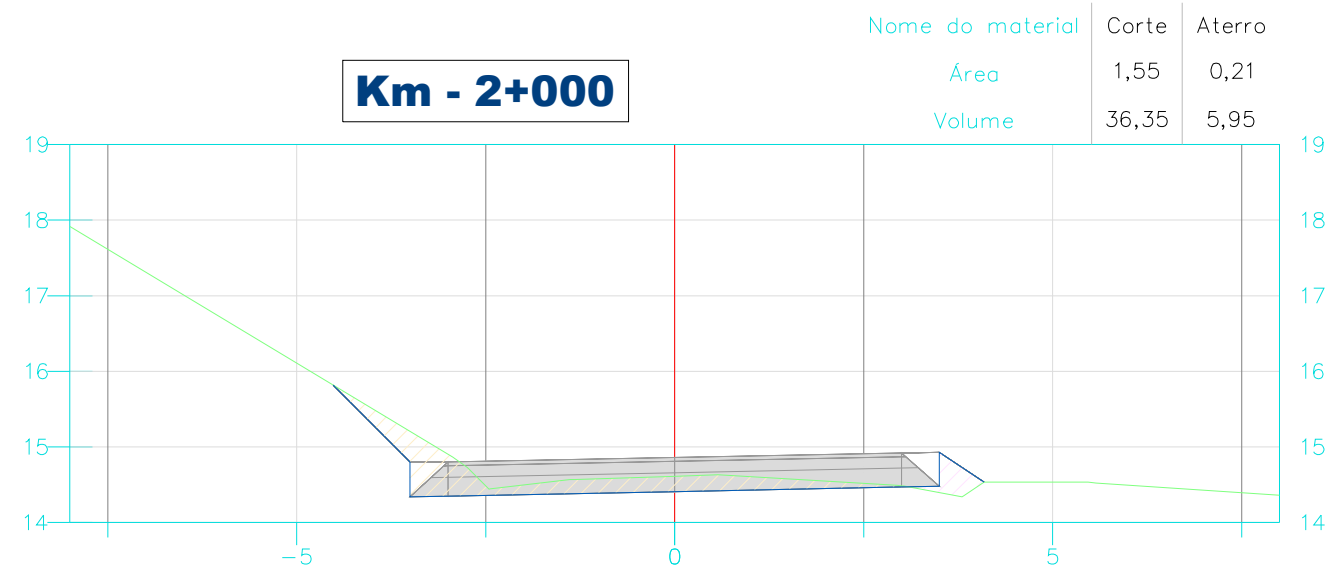
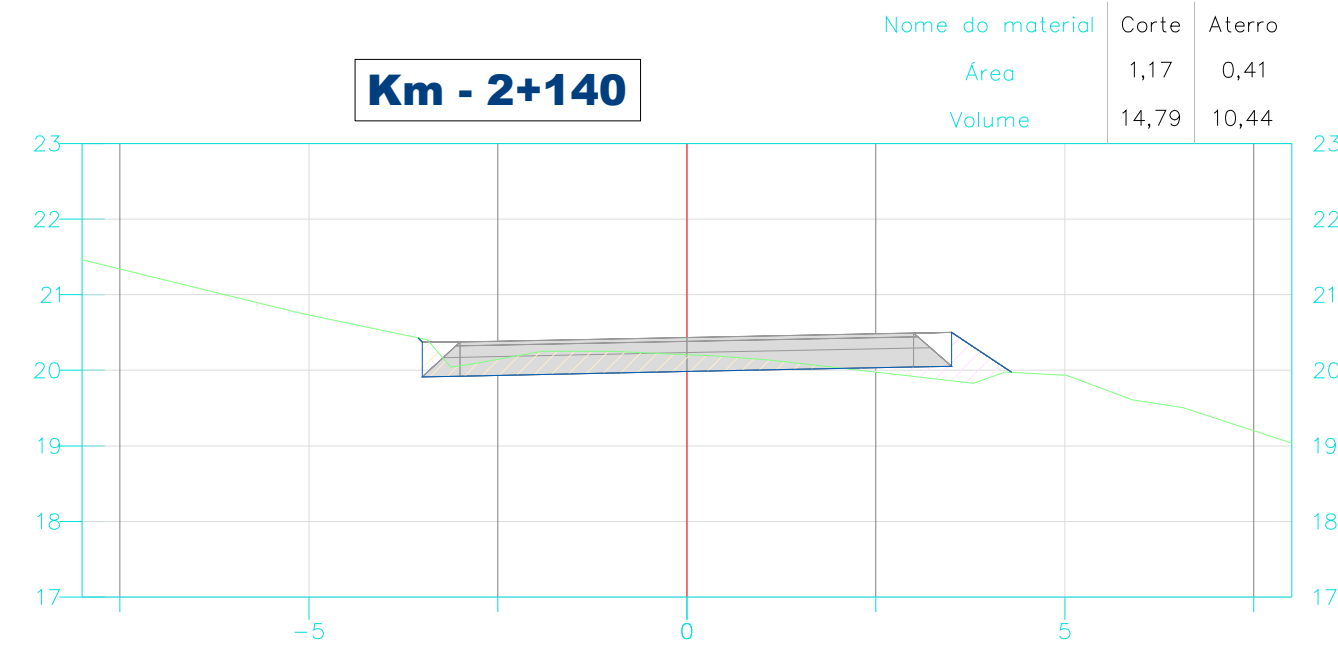
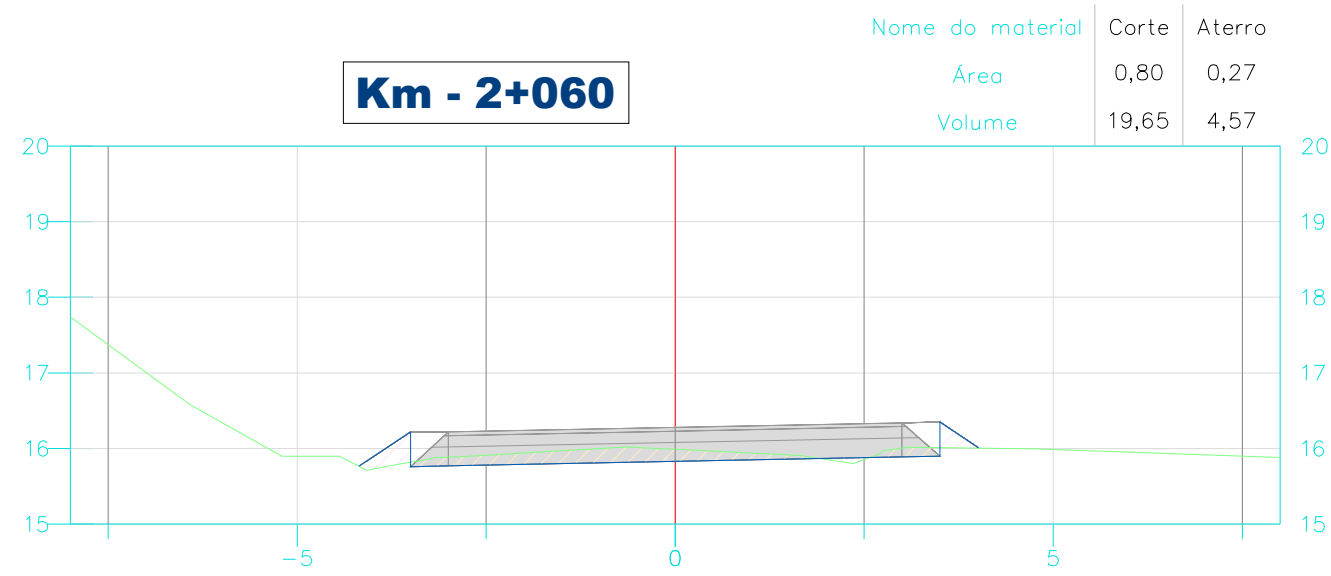
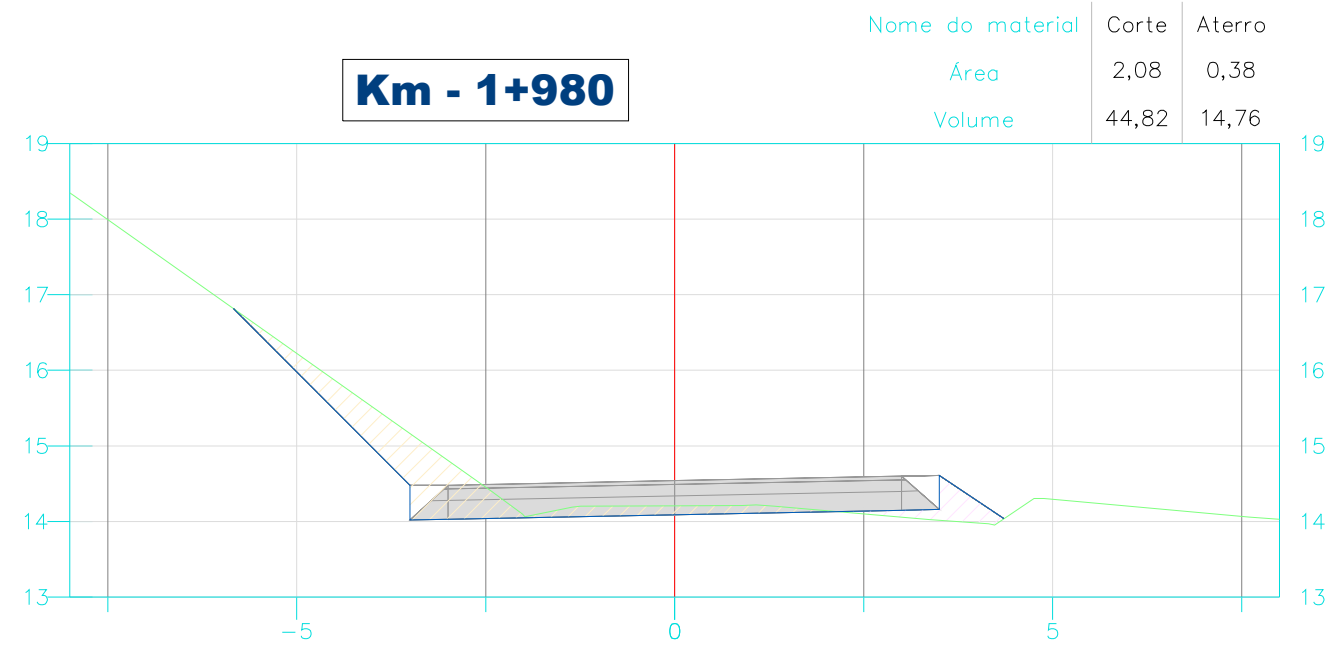
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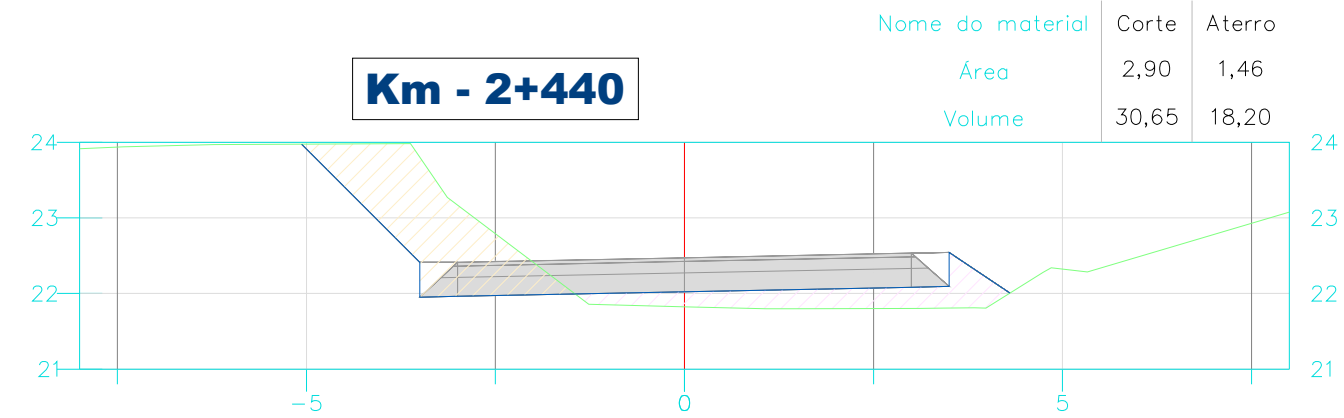
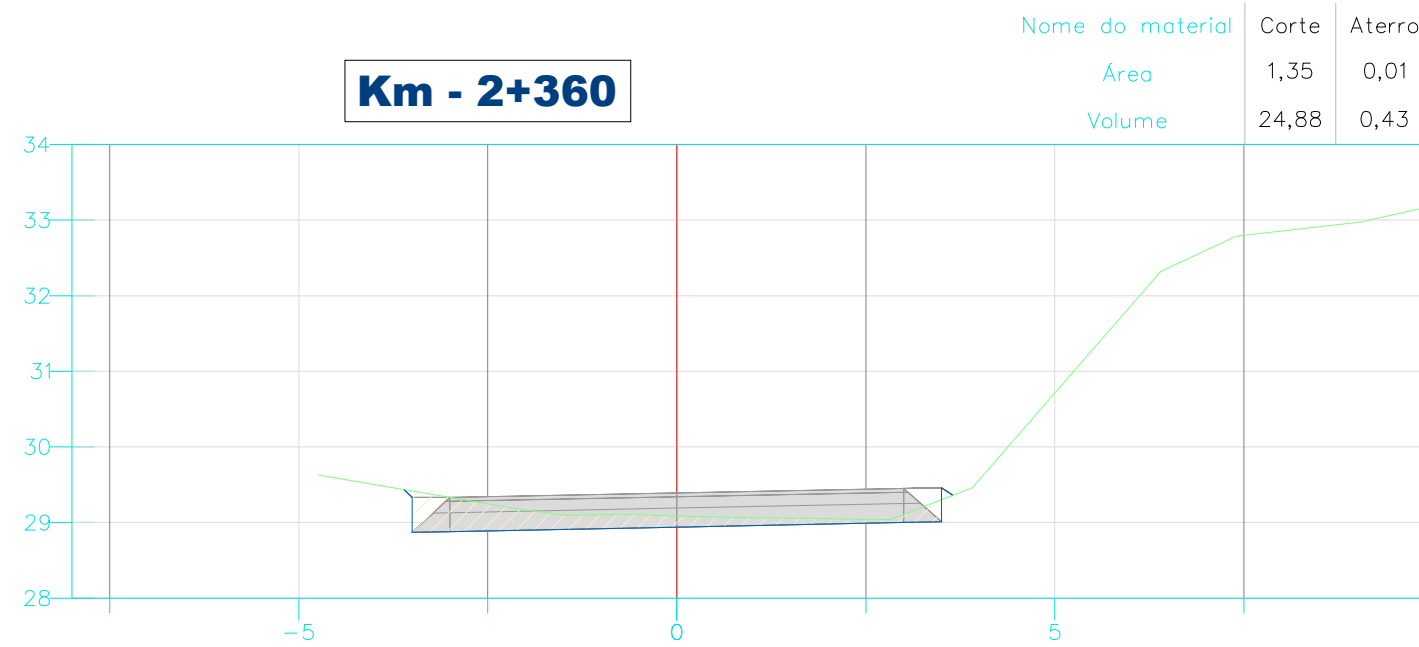
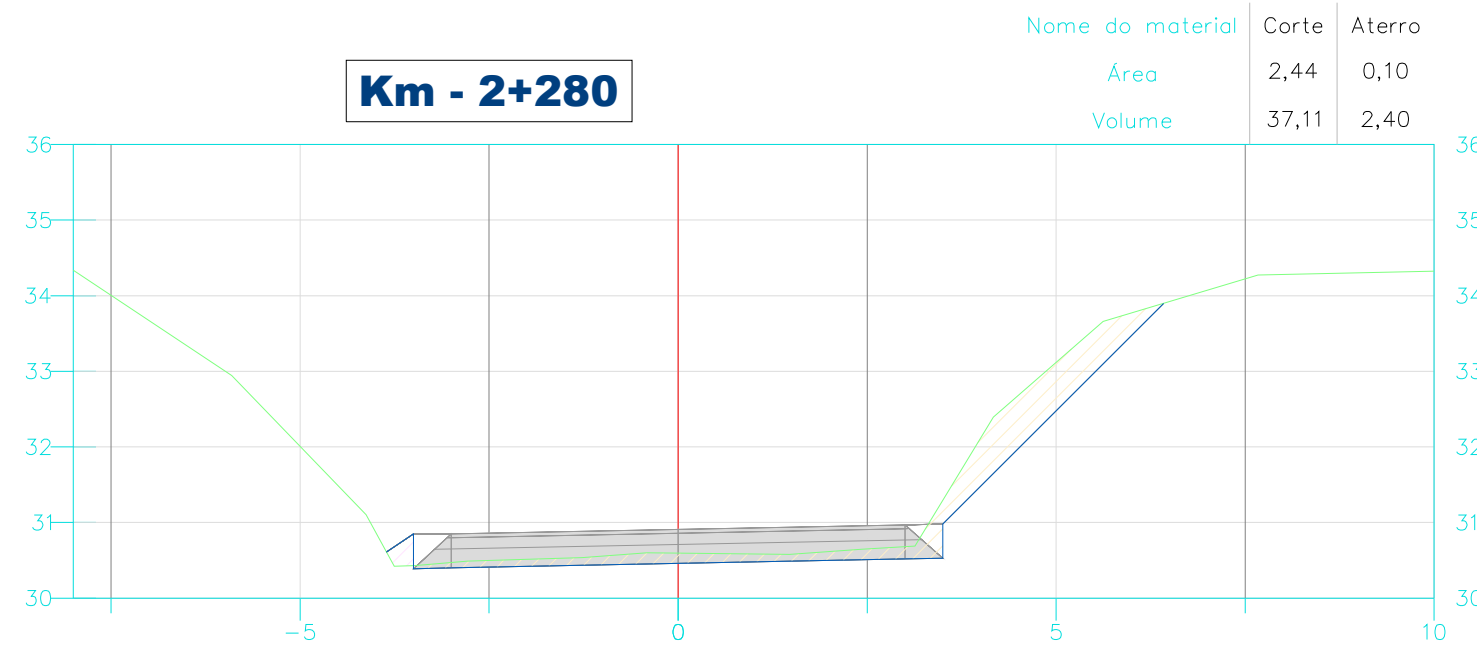
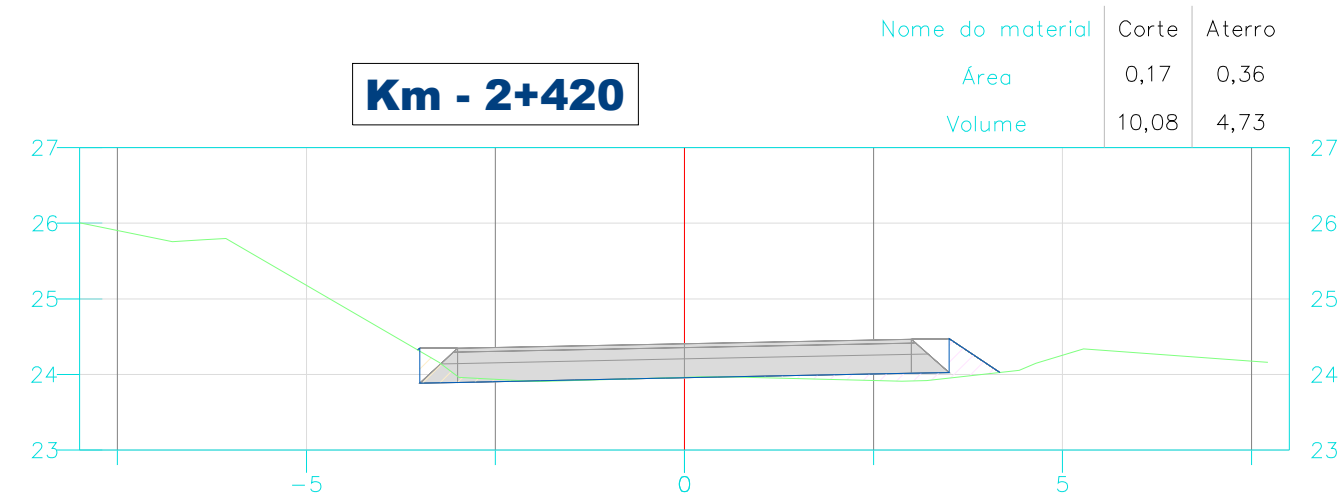
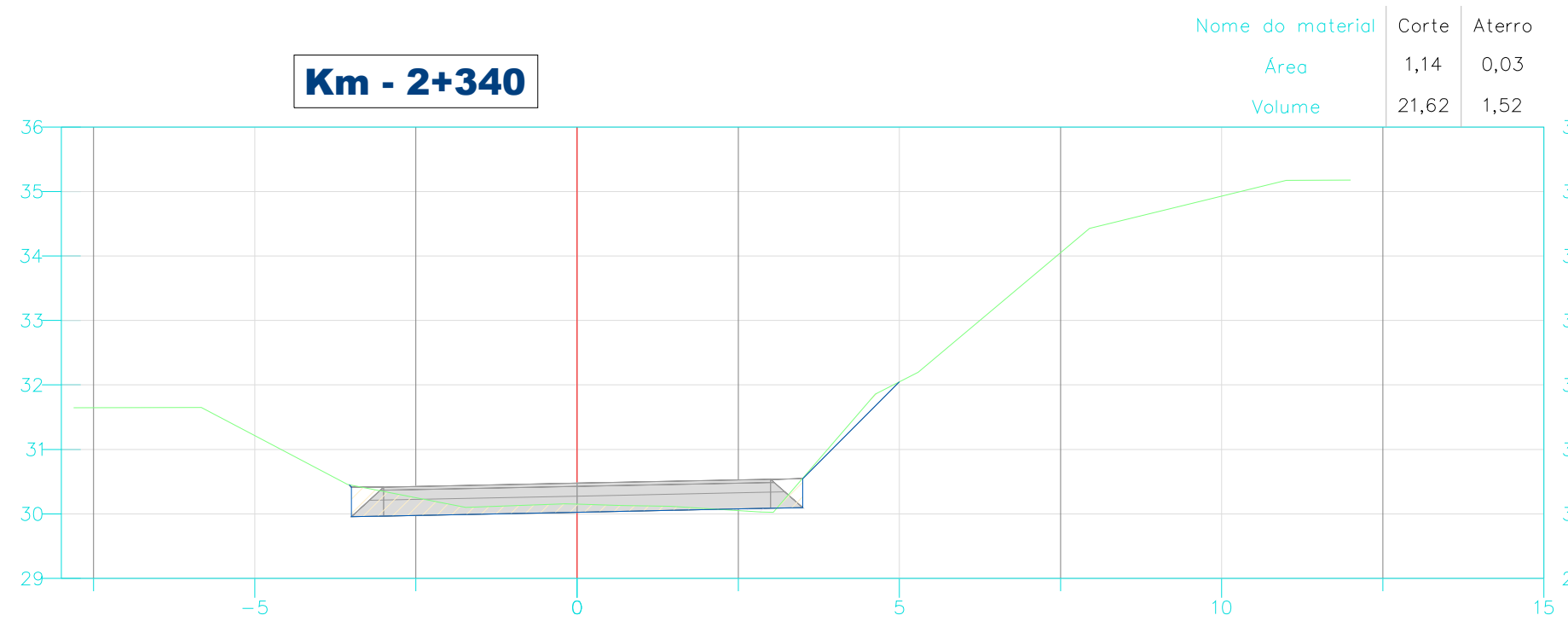
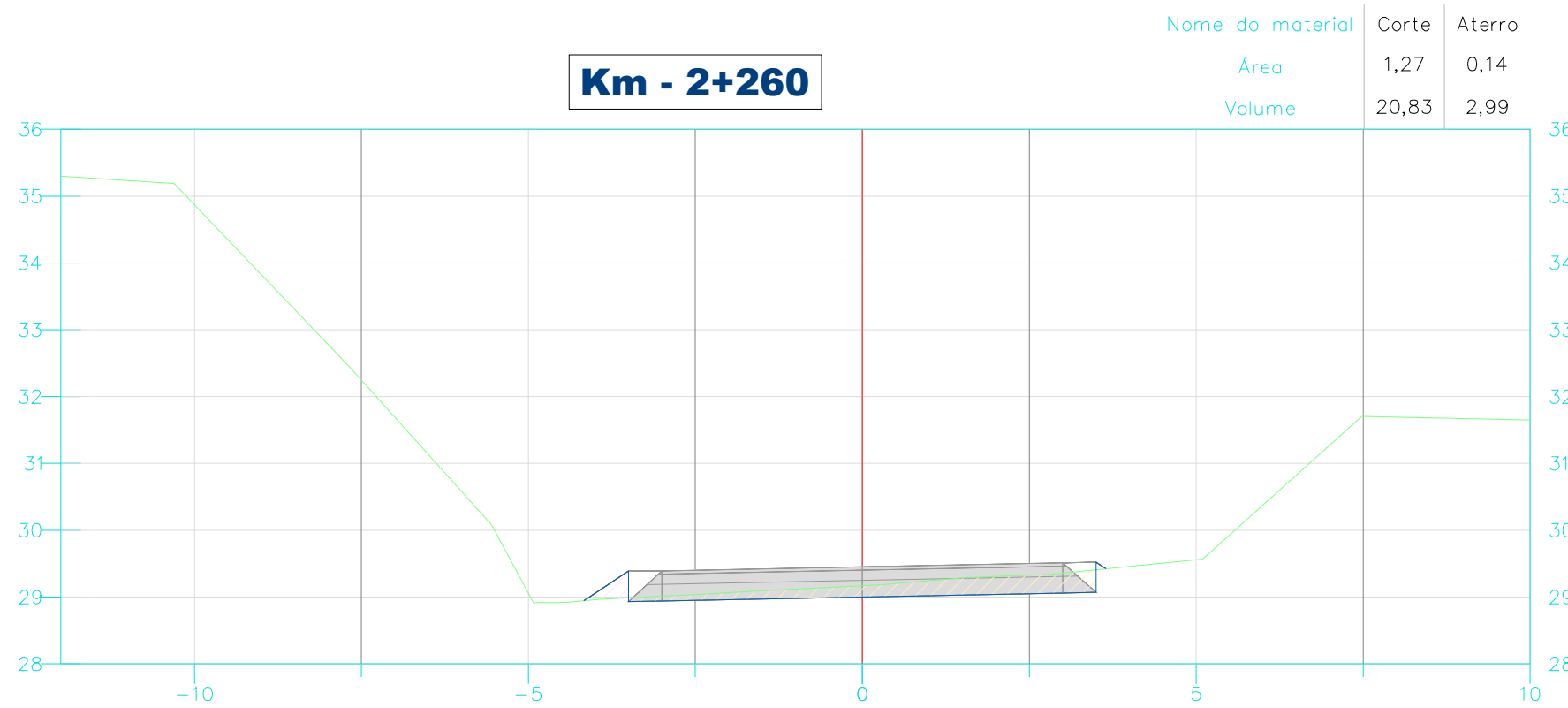
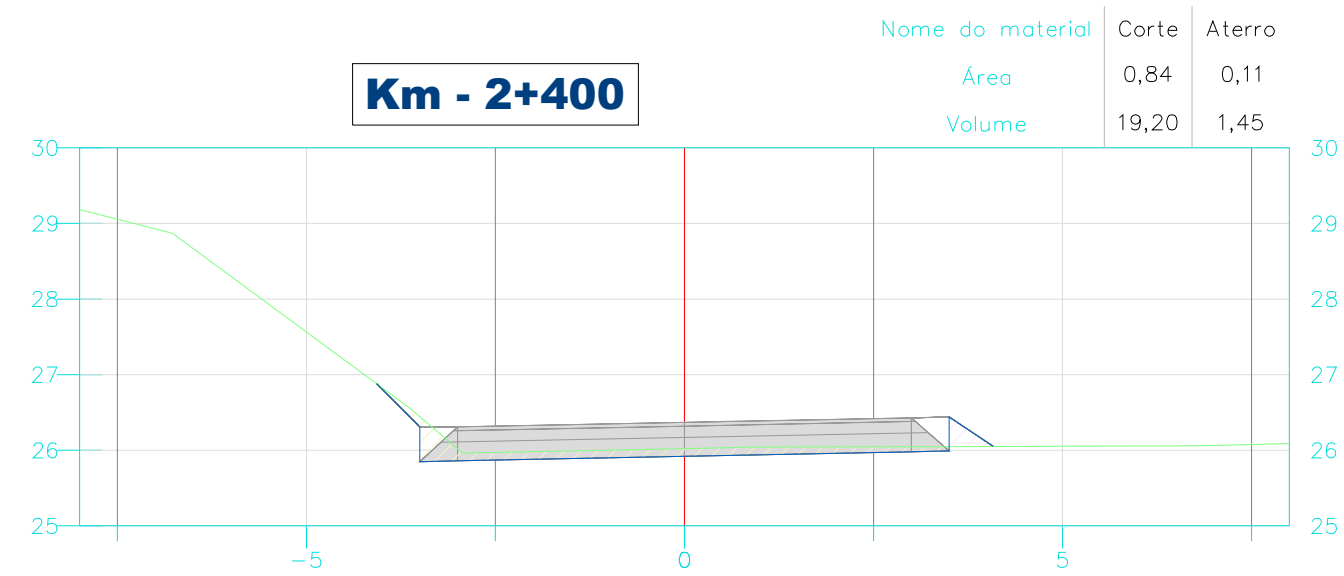
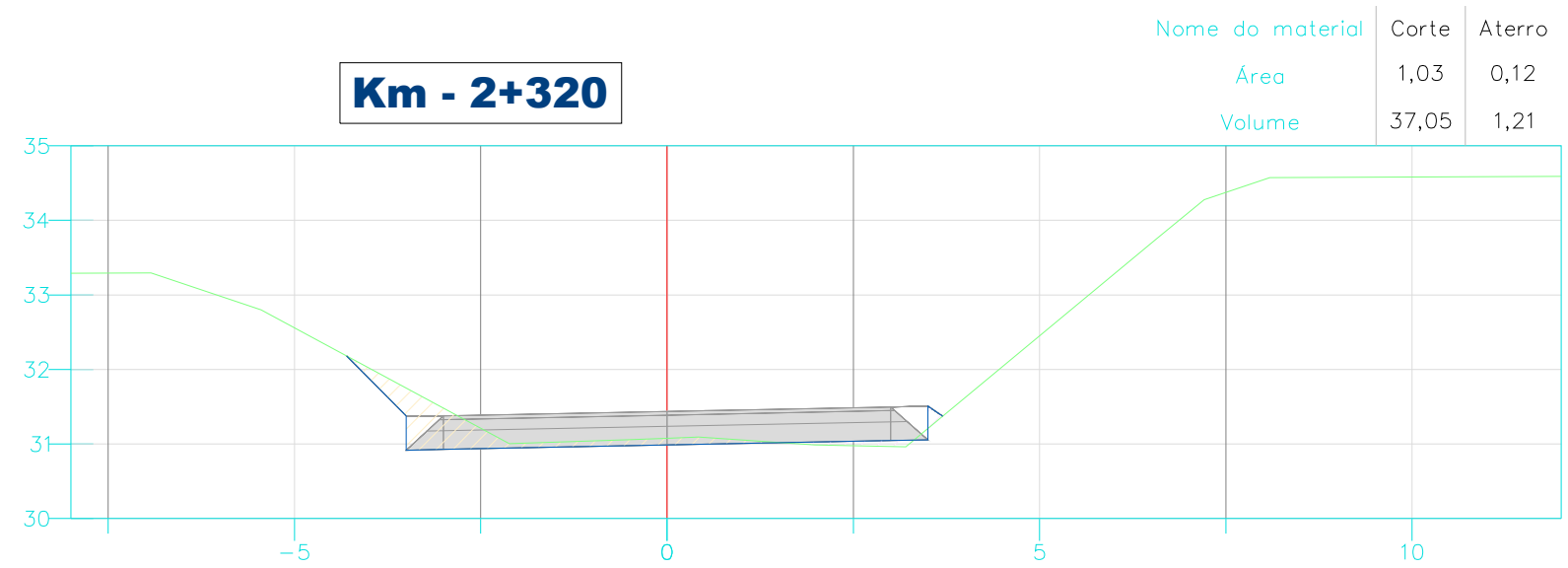
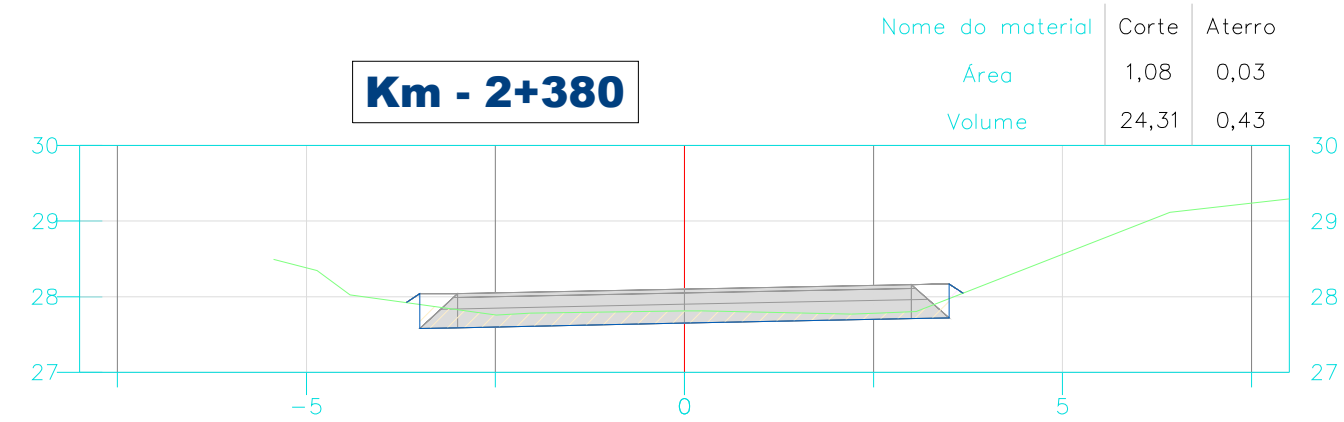
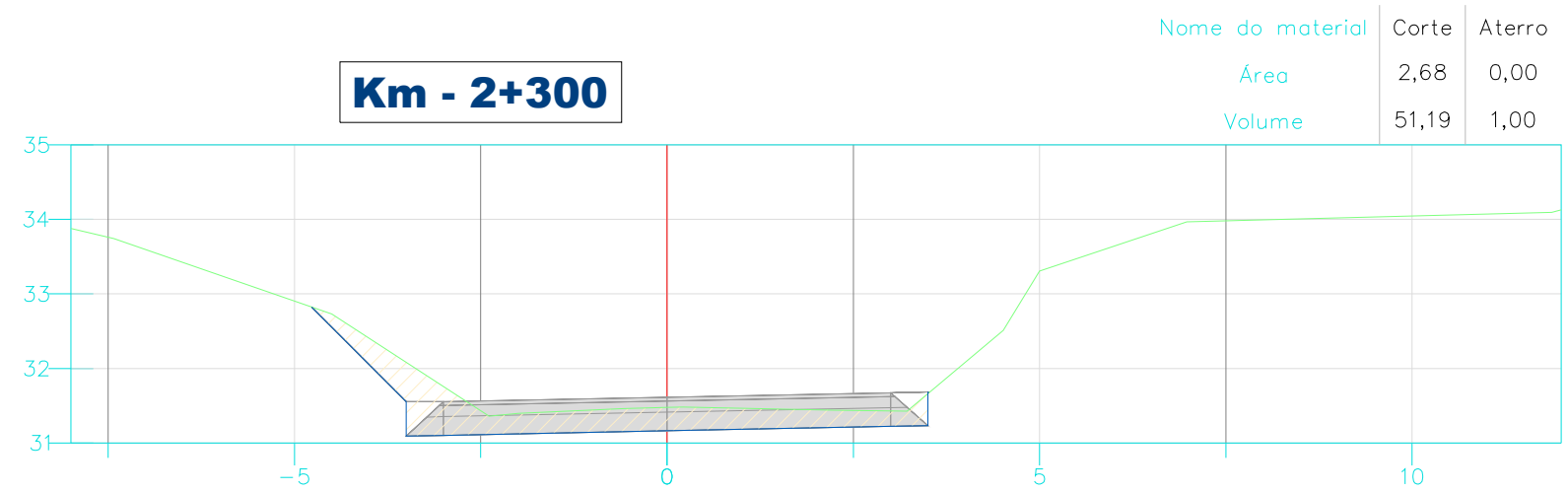
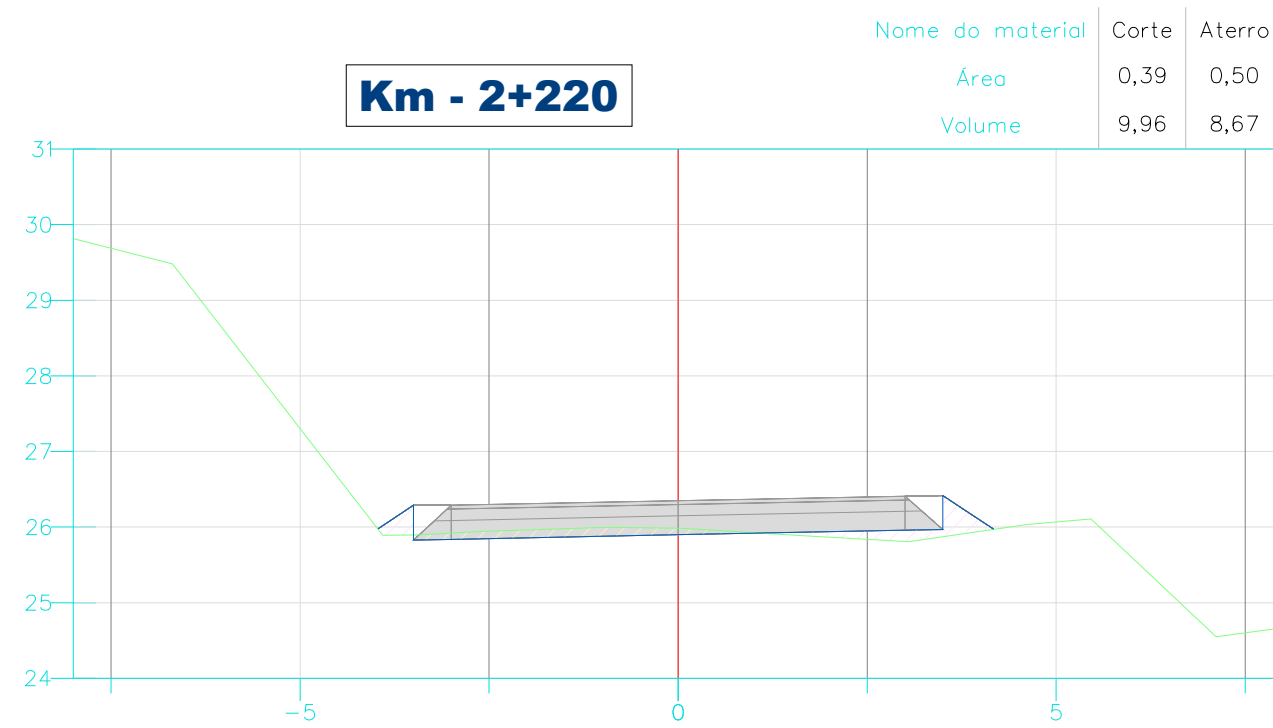
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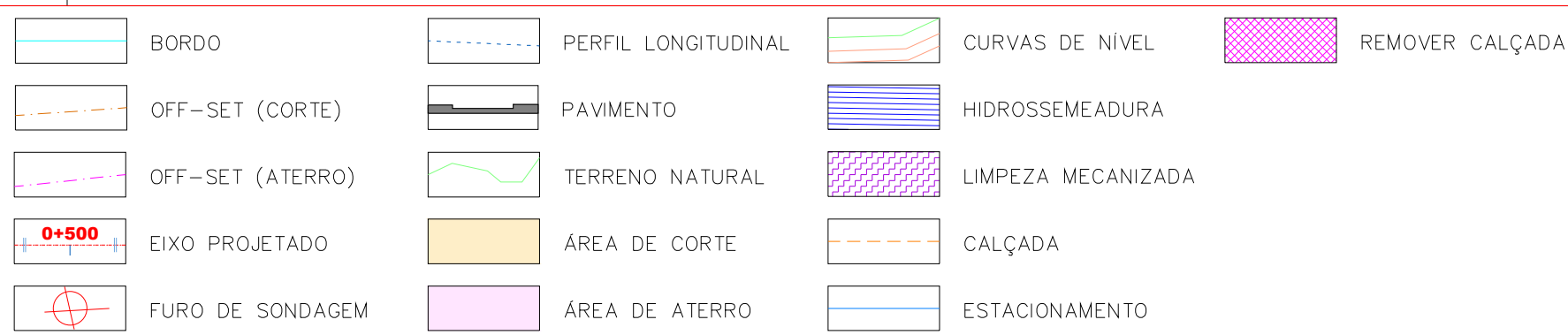
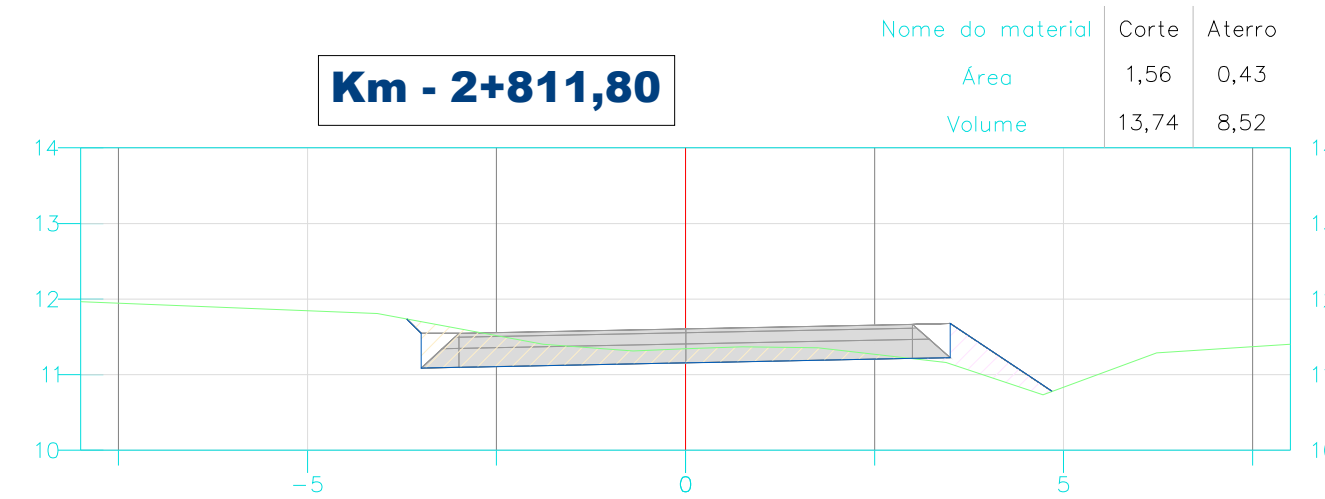
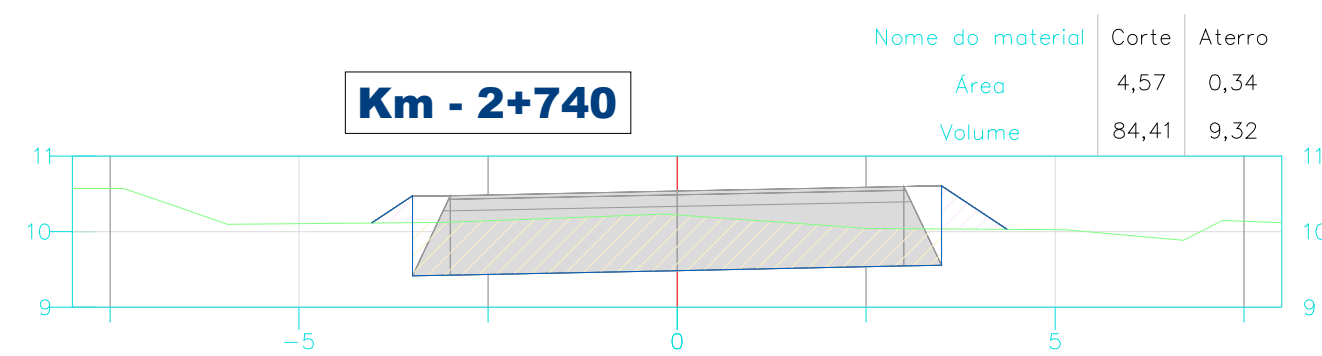
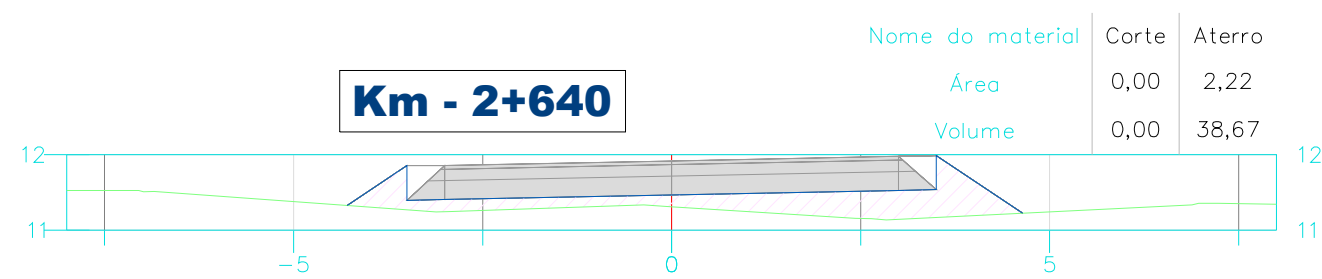
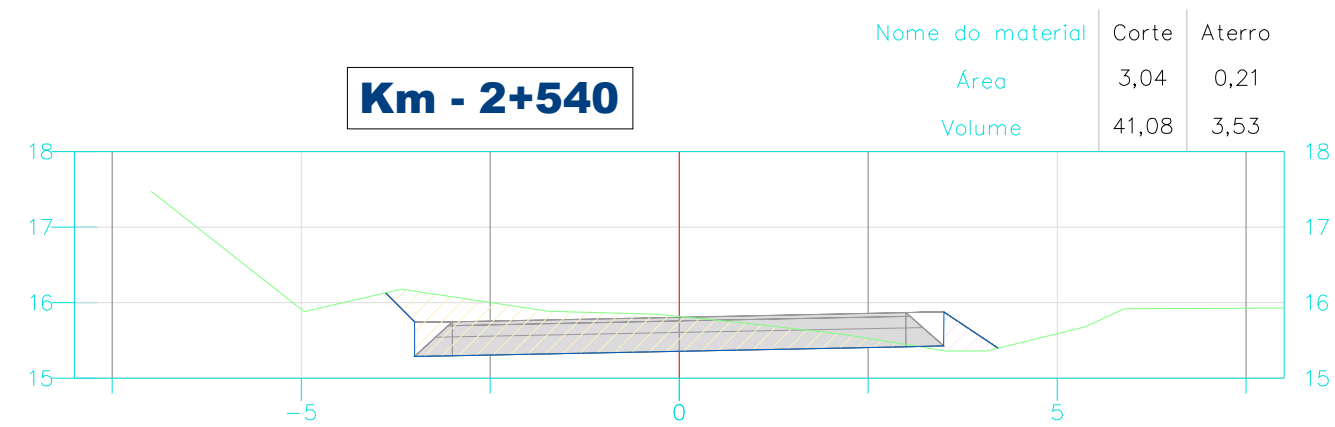
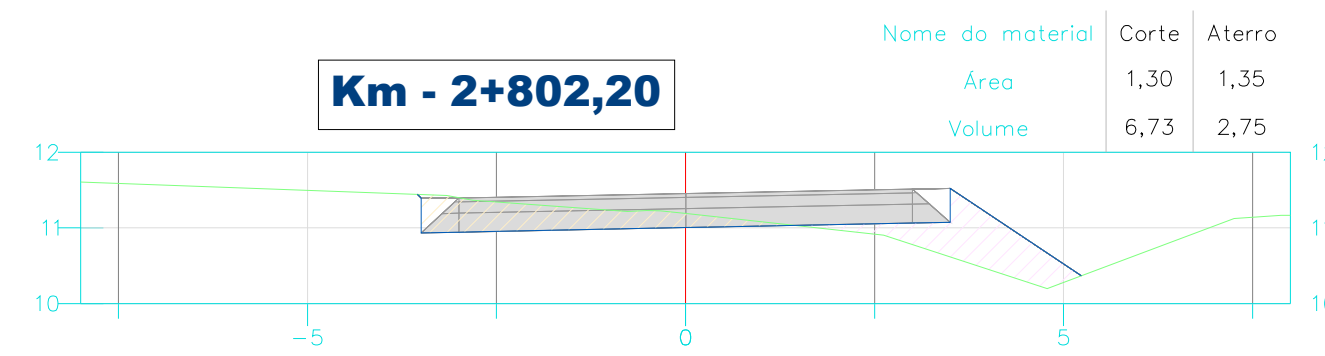
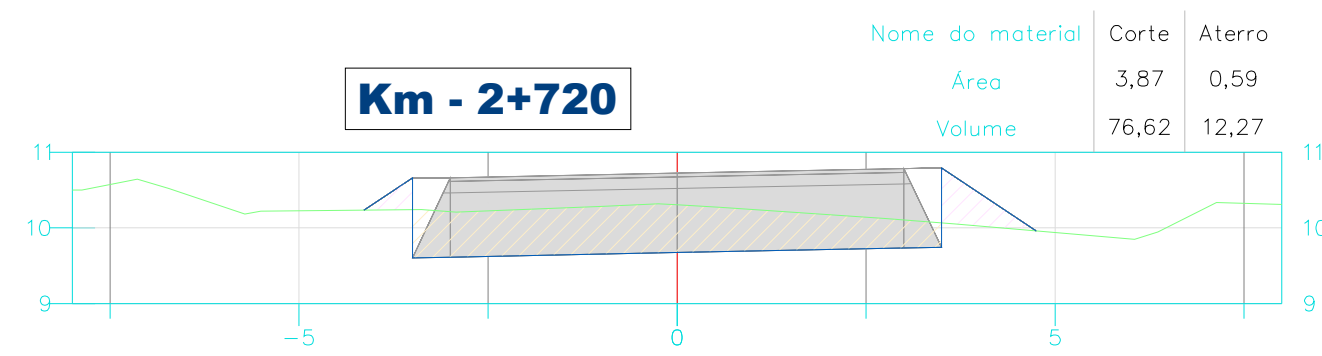
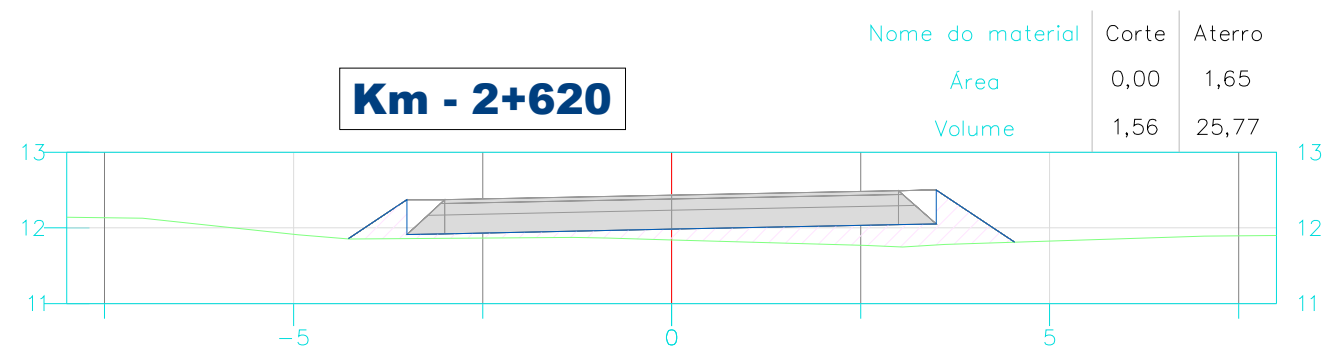
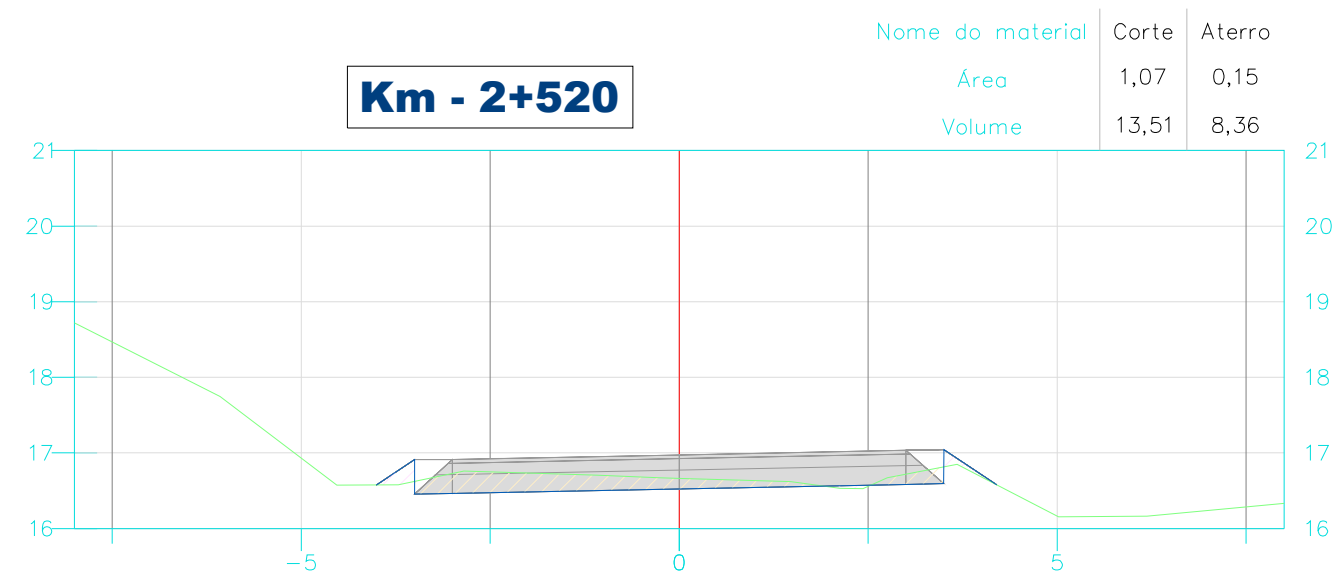
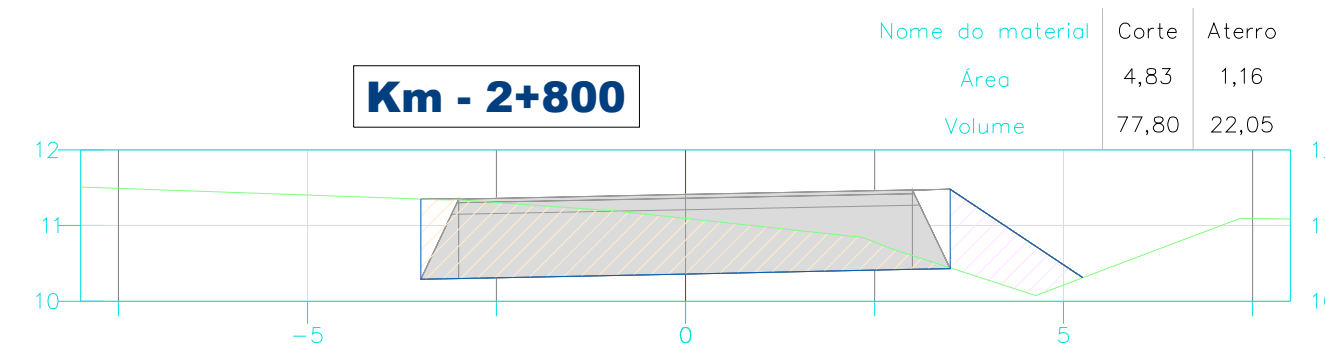
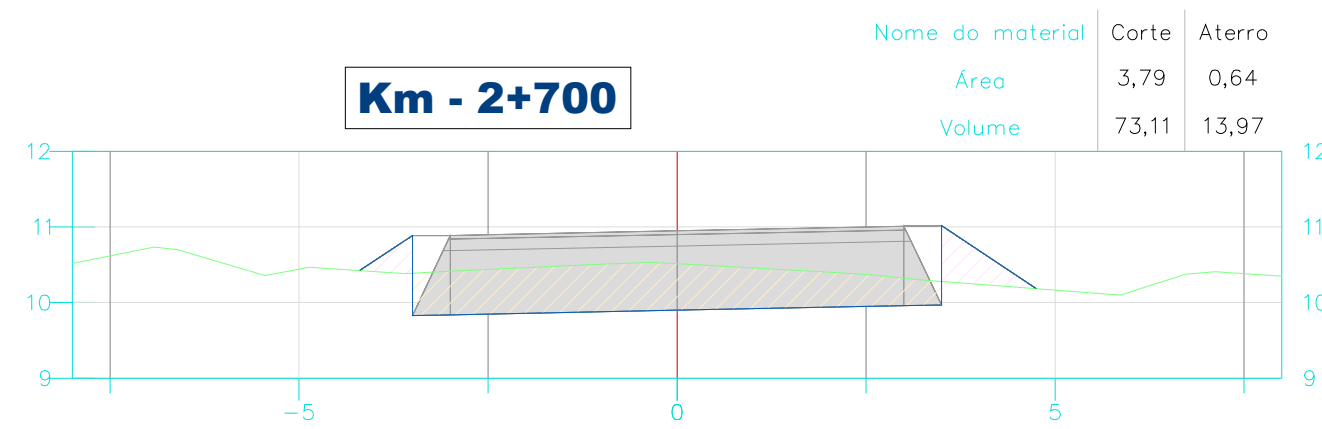
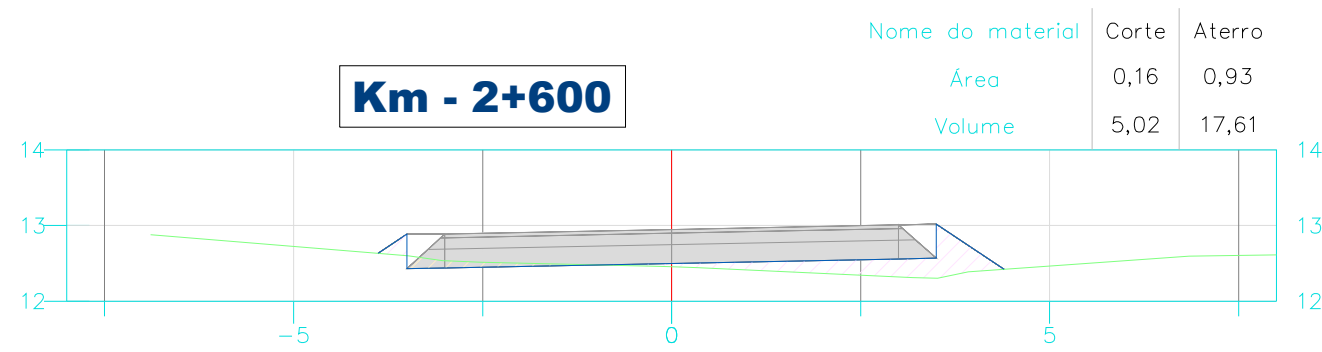
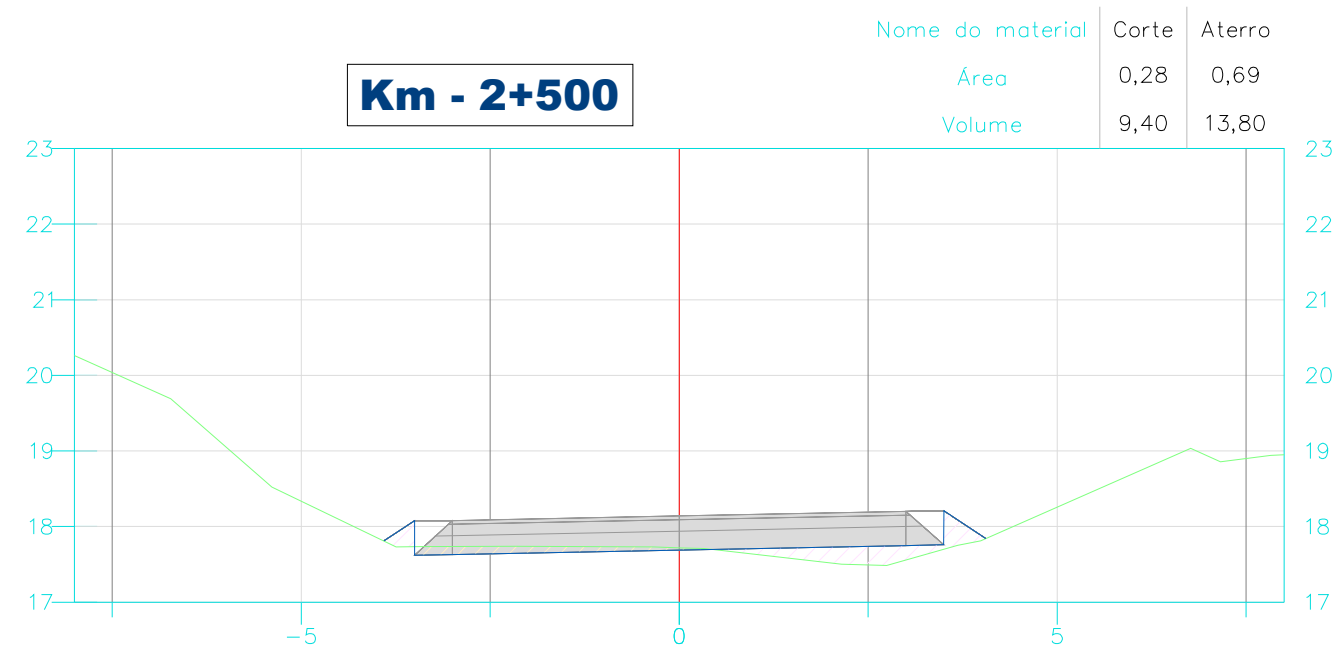
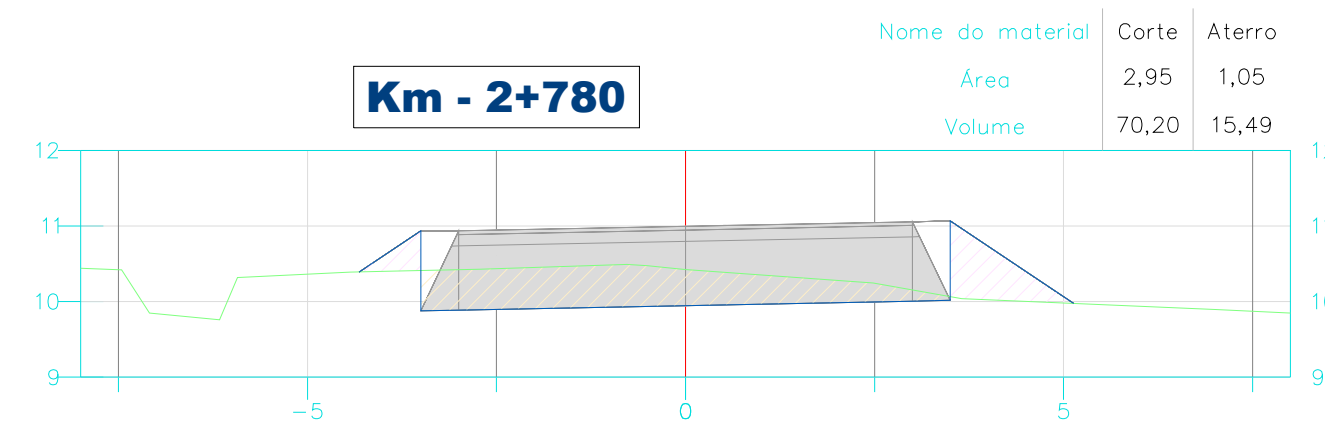
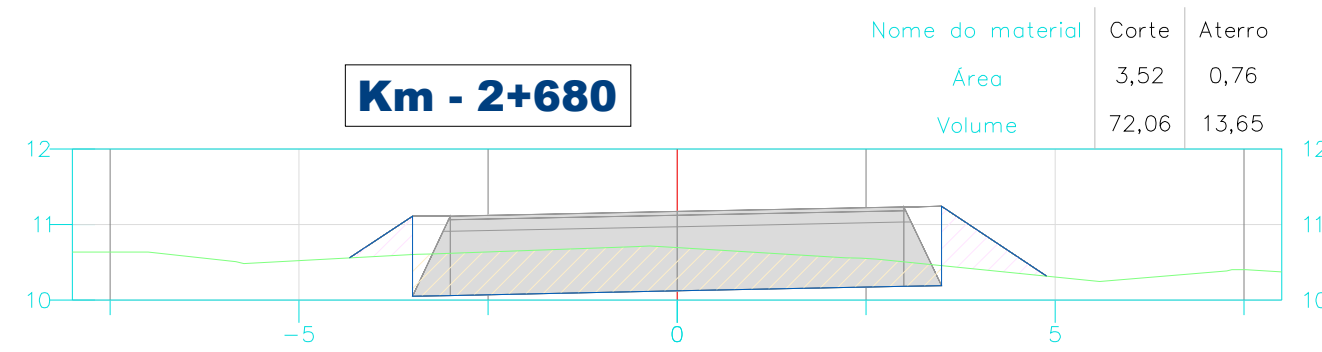
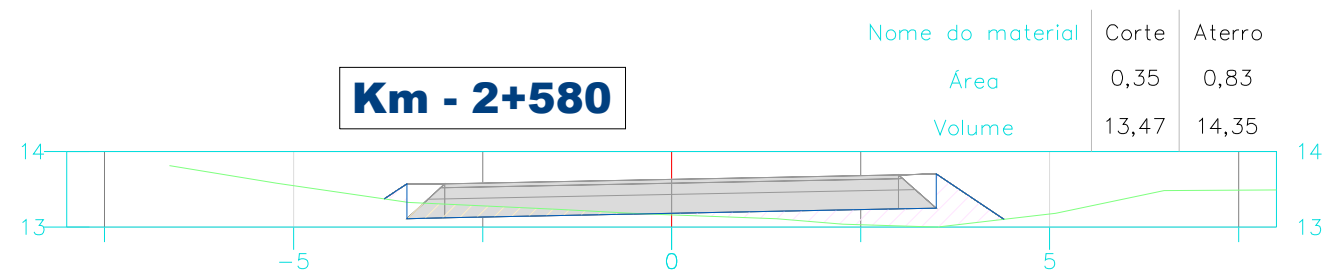
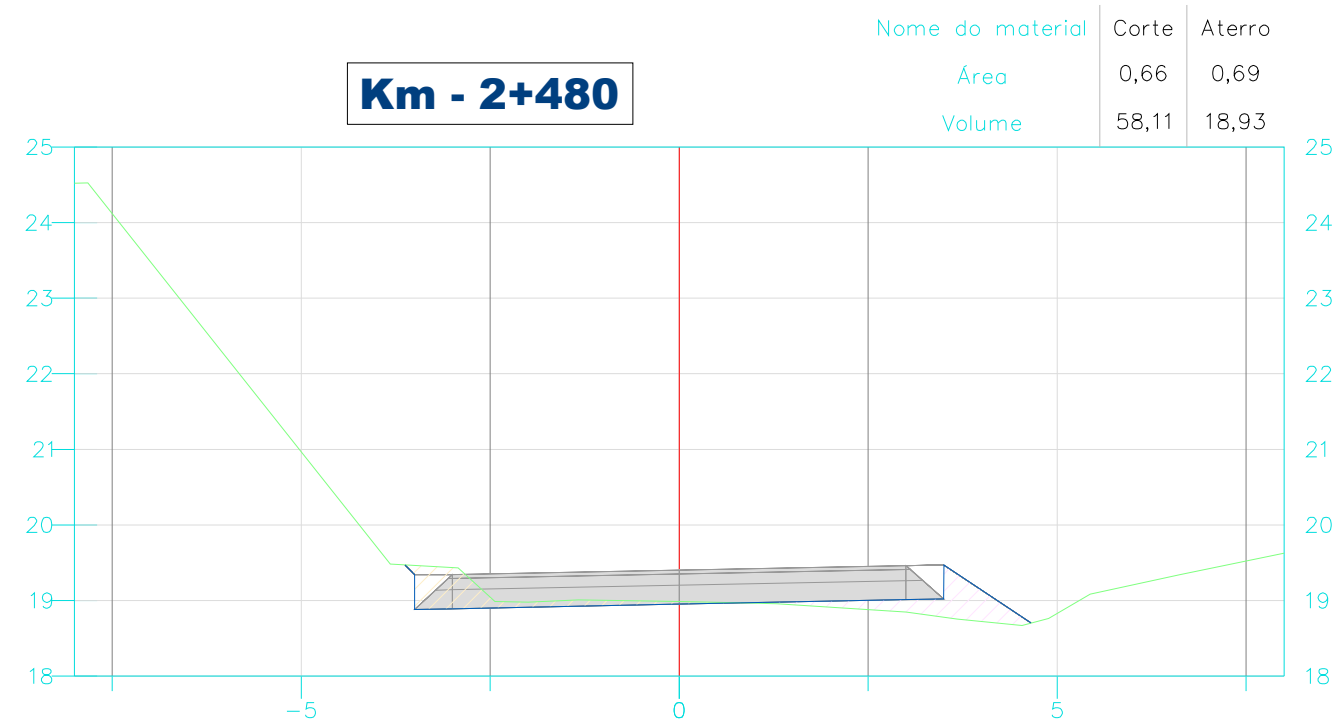
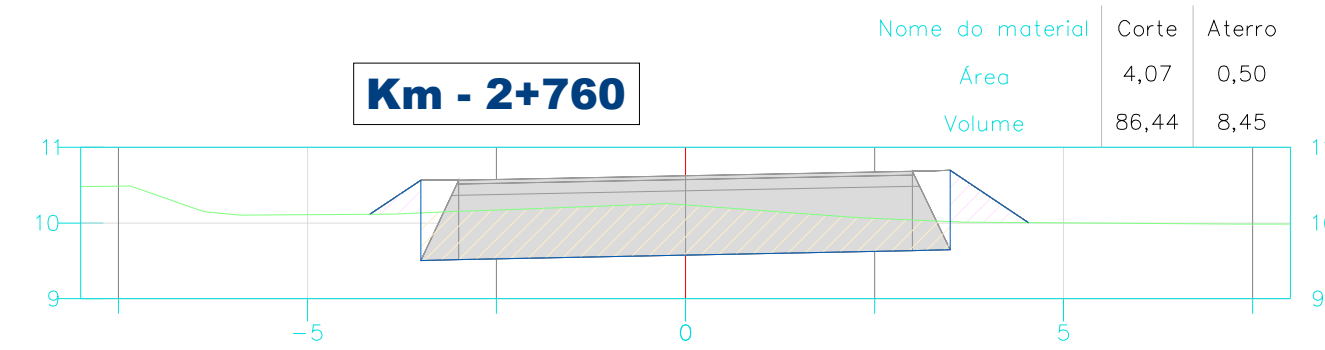
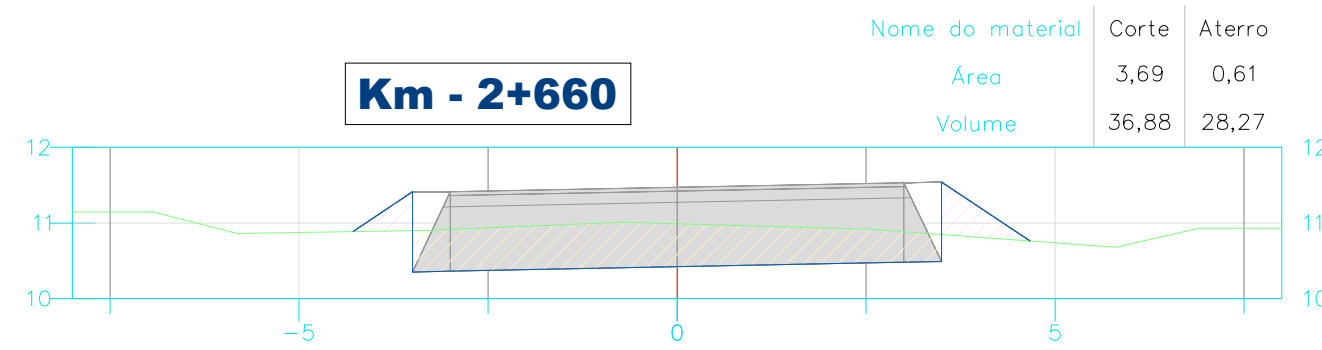
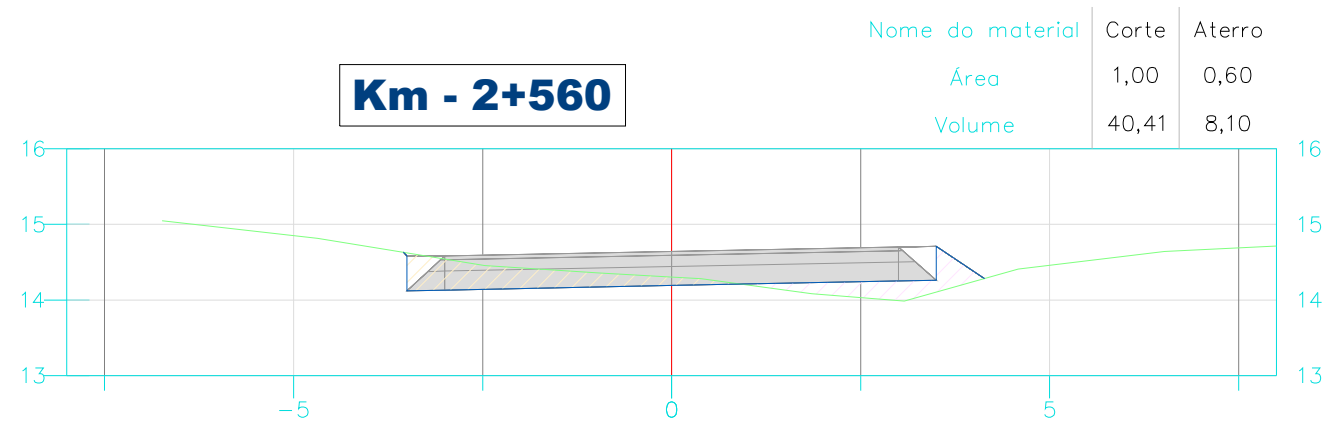
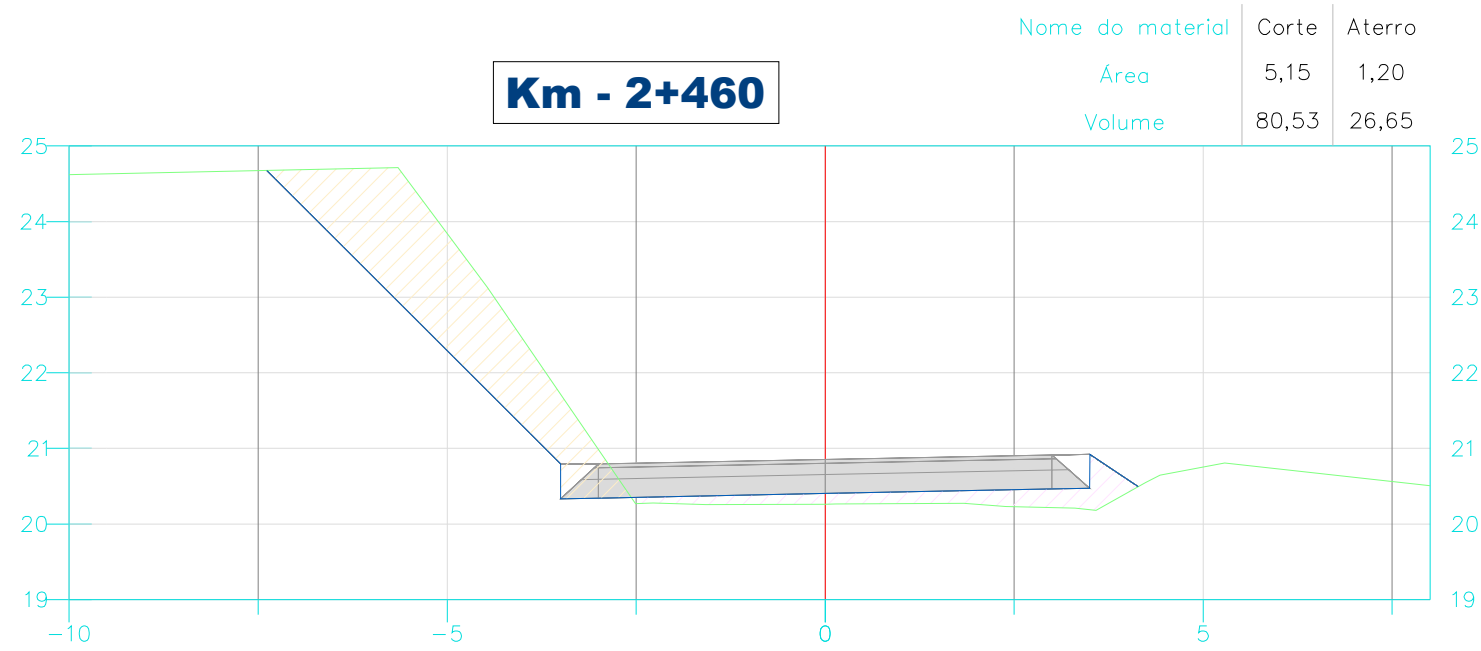
Data:
NOVEMBRO/2024

Escala:
h = 1 / 100 - v = 100

Revisão:
06







Proprietário:
MUNICÍPIO DE JOINVILLE

Objeto:
PROJETO DE PAVIMENTAÇÃO ASFALTICA

Endereço:
ESTRADA JATIVOCA

Responsável Técnico:
MARCOS CANCELIER MATTEI
Crea 112.799-7

Assinatura:

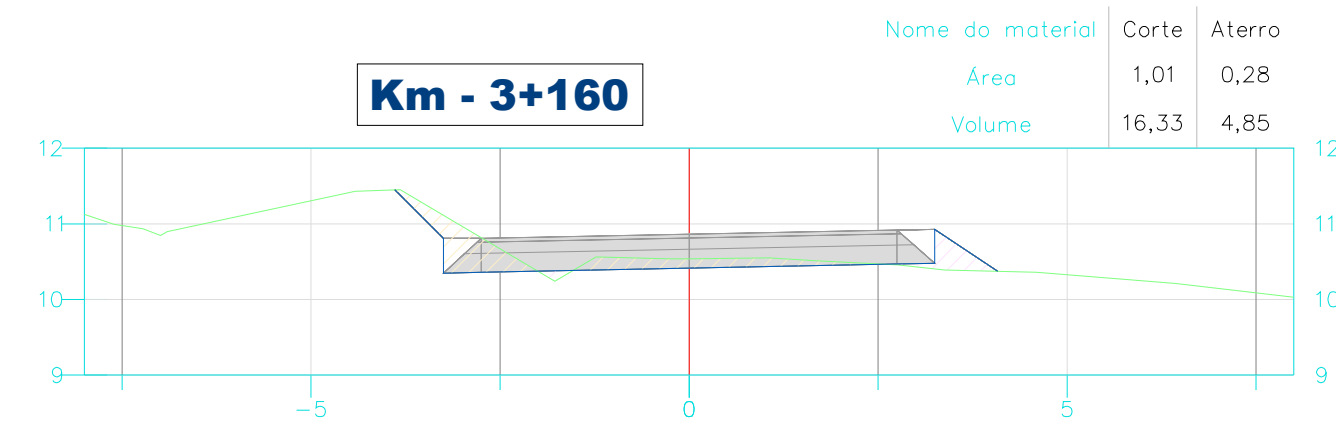
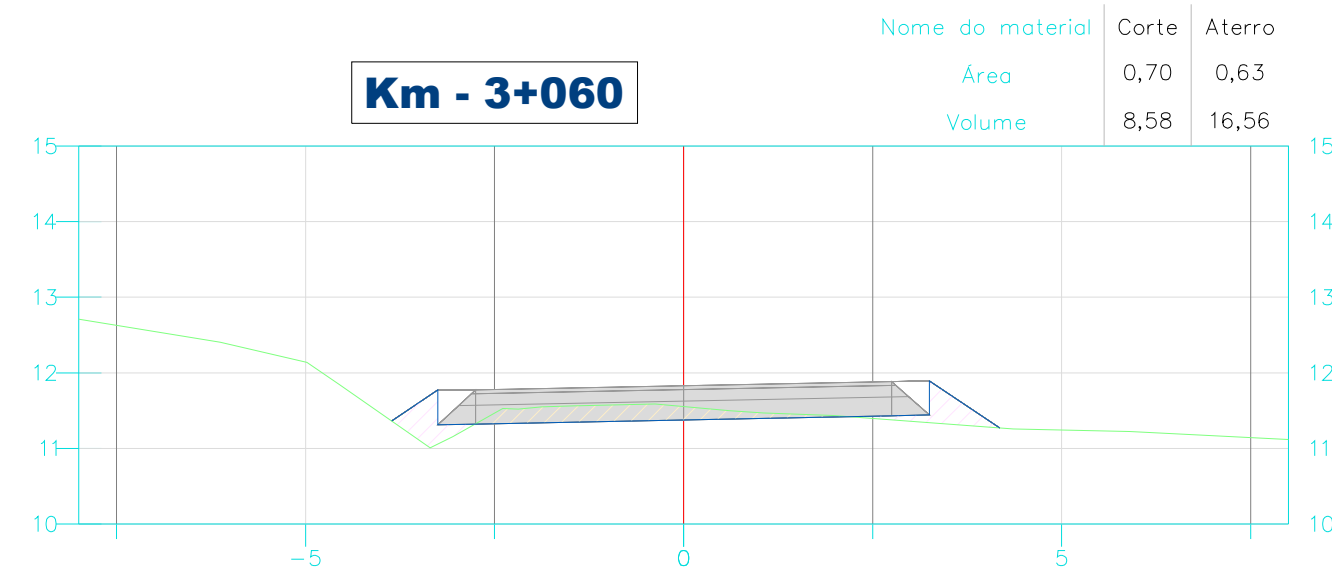
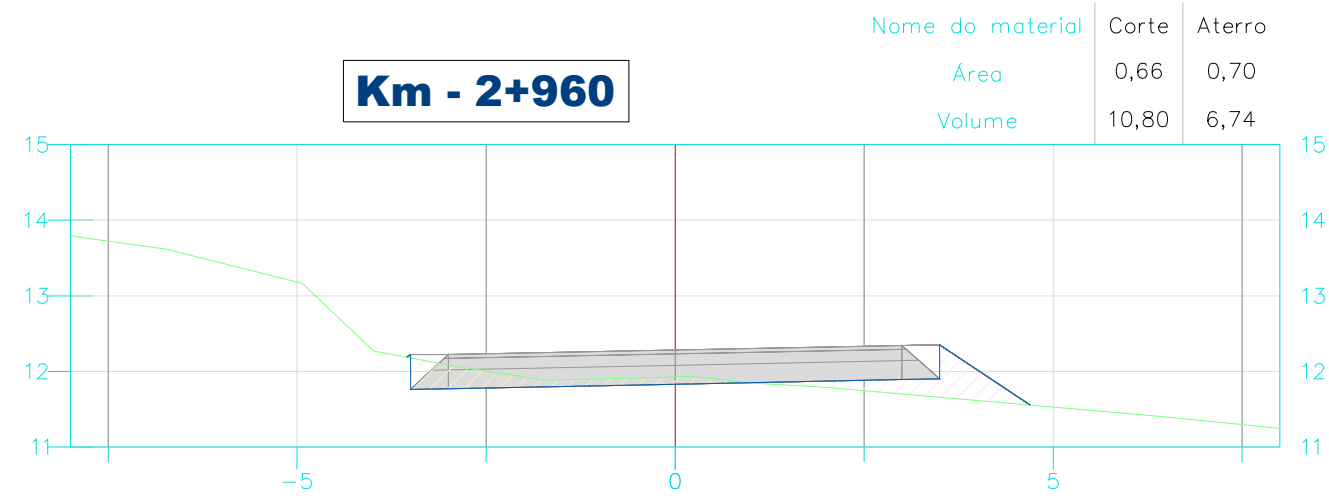
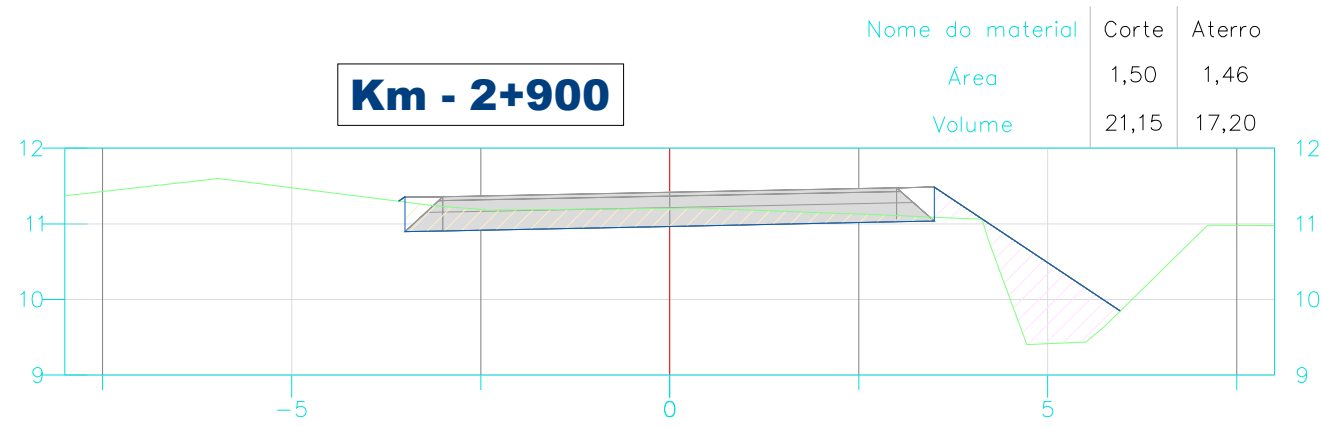
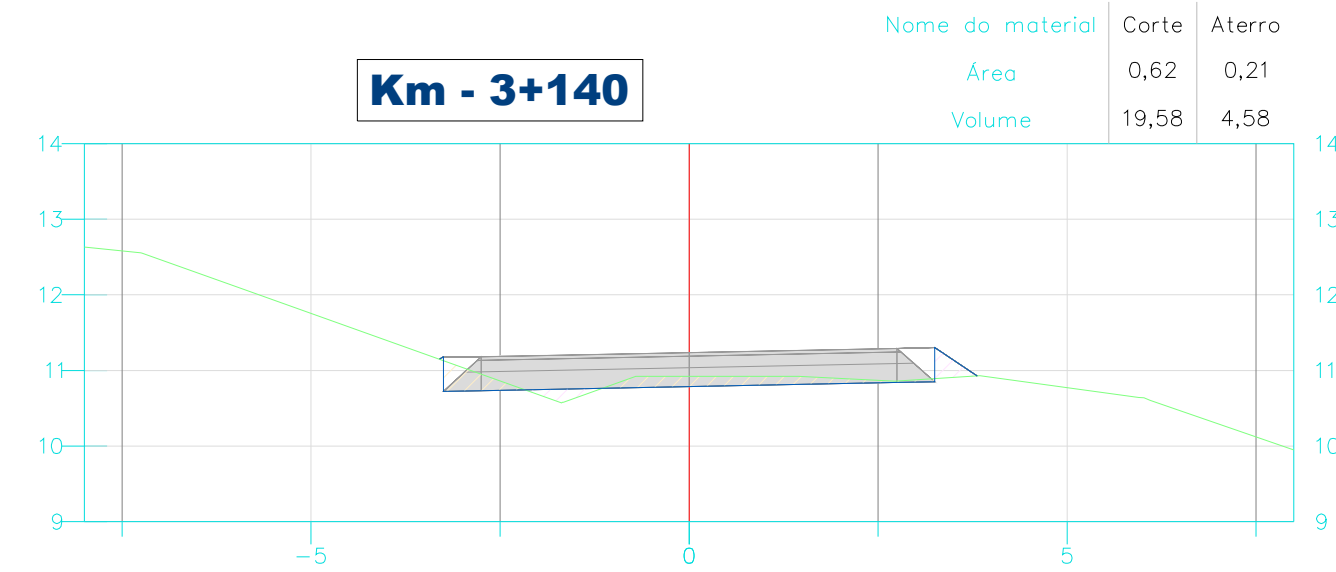
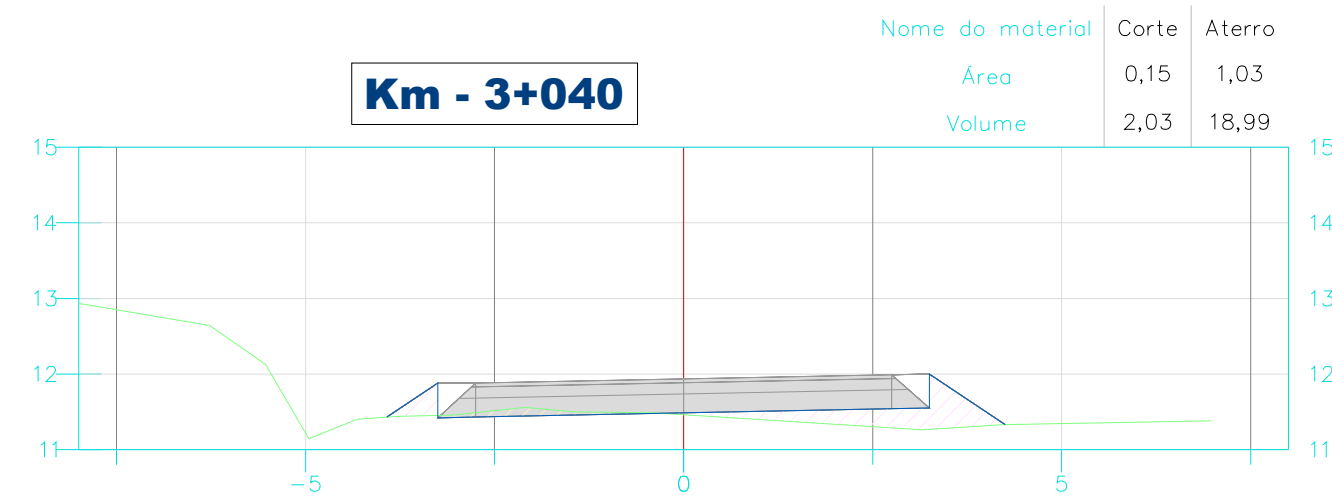
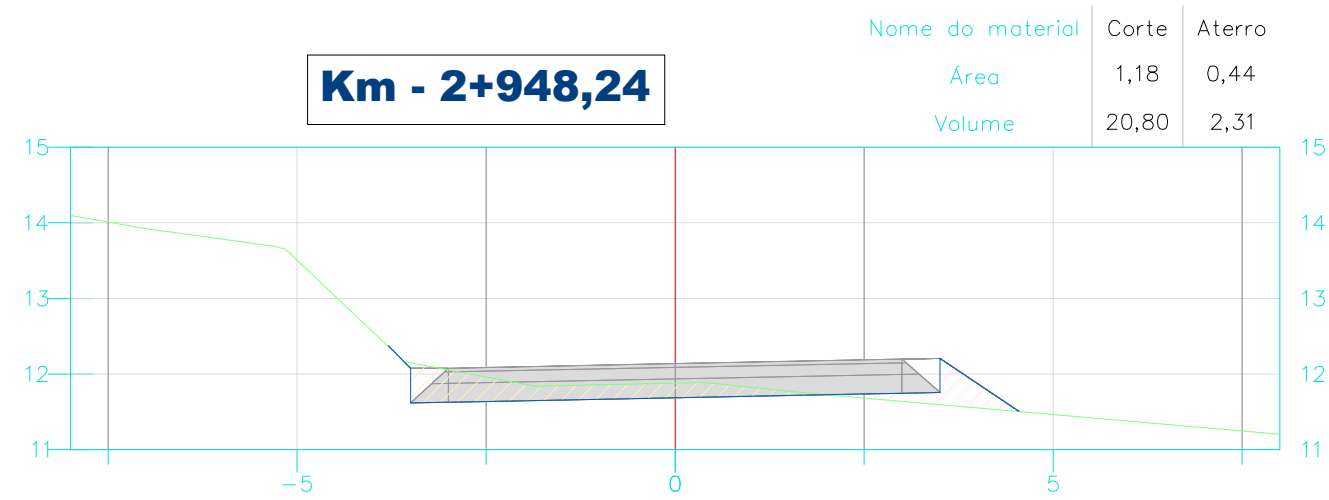
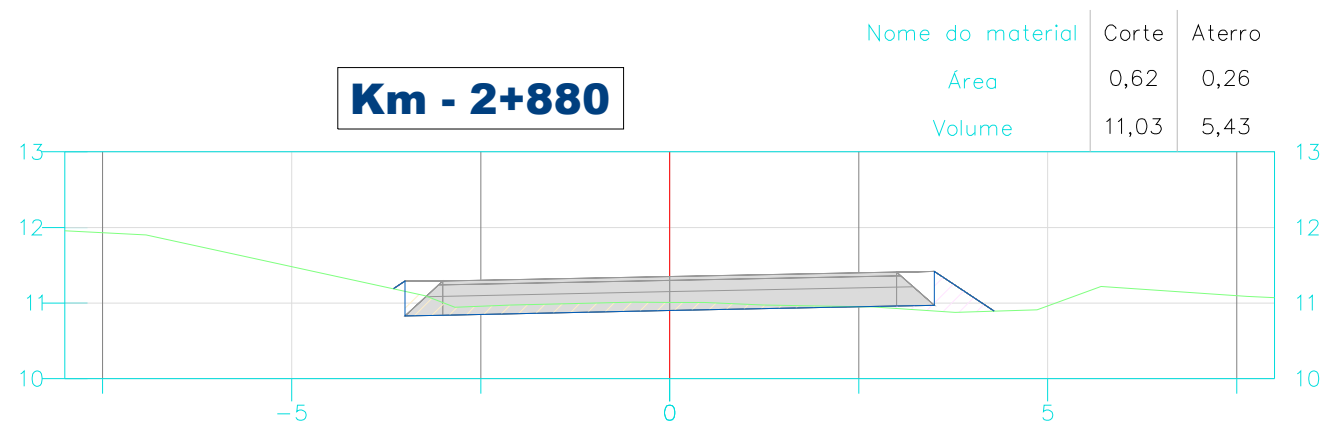
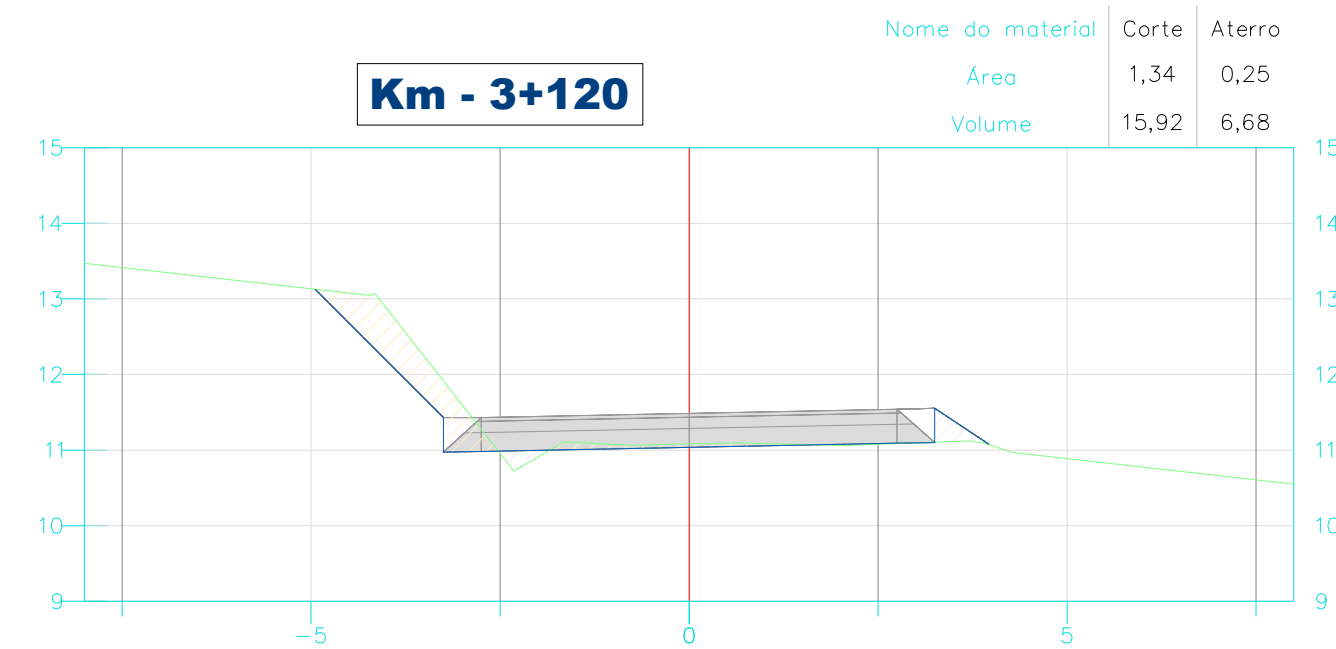
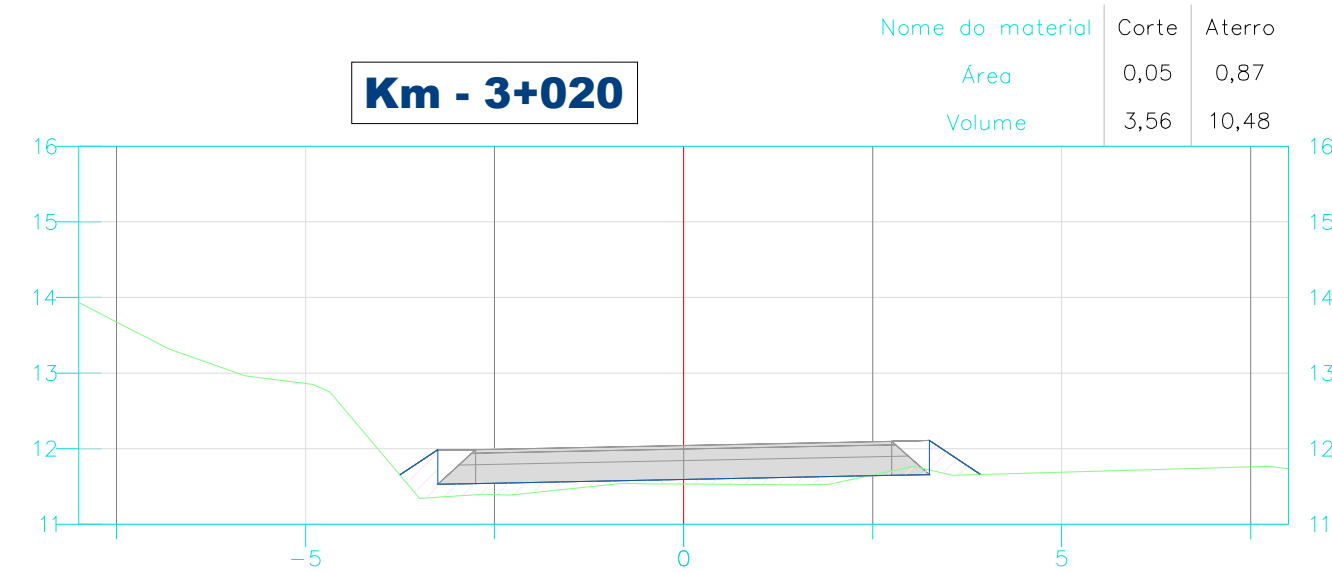
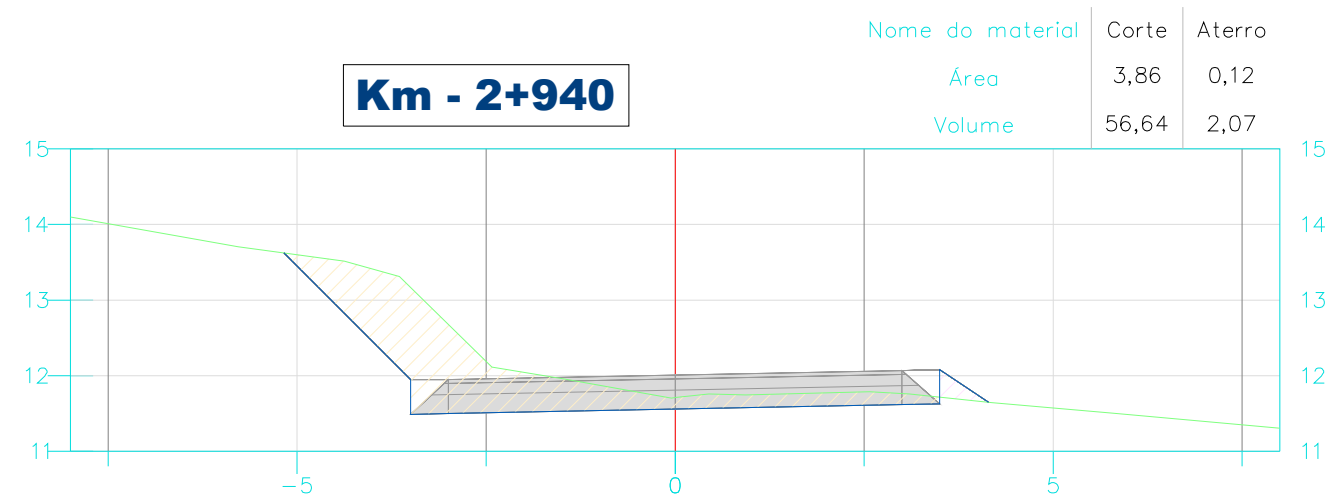
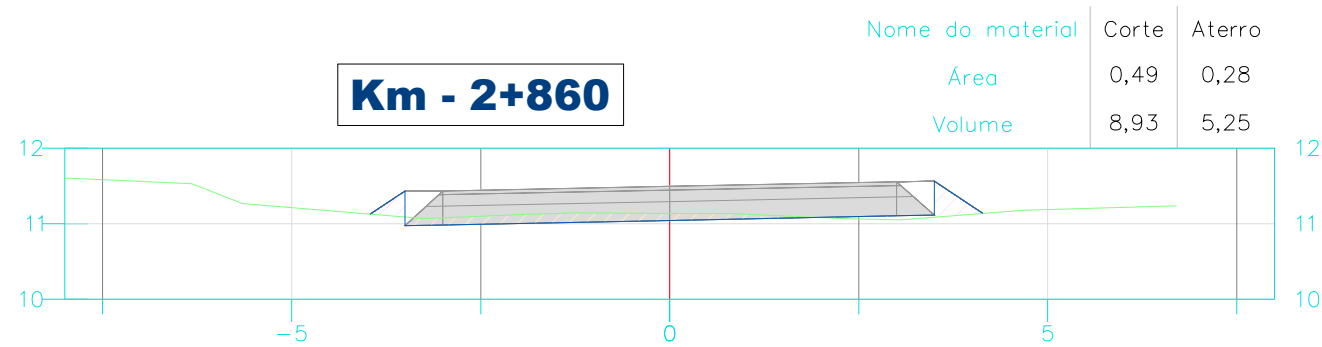
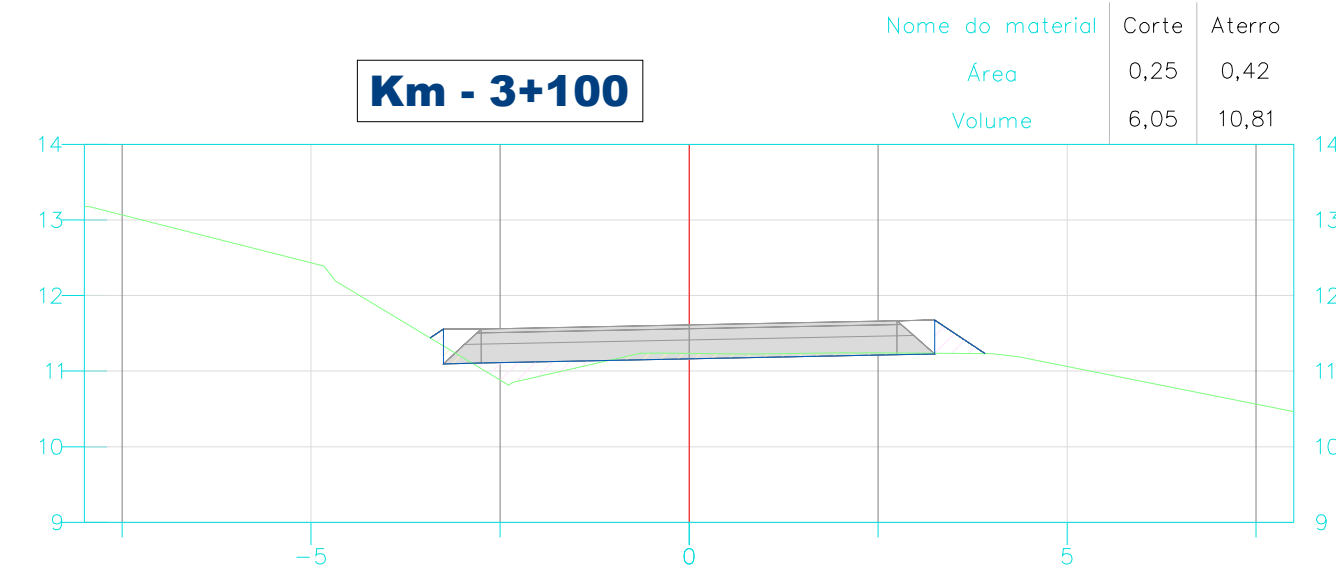
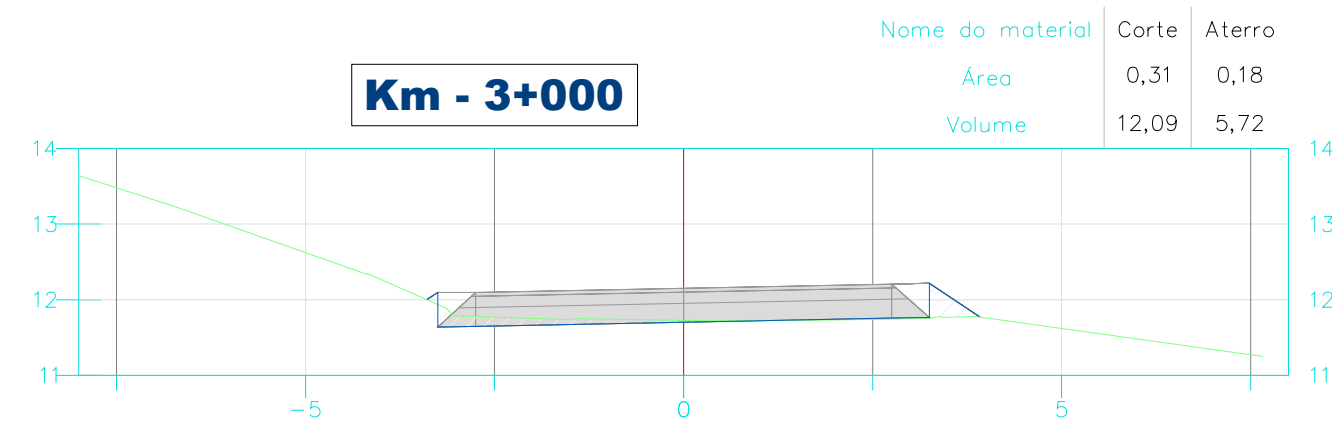
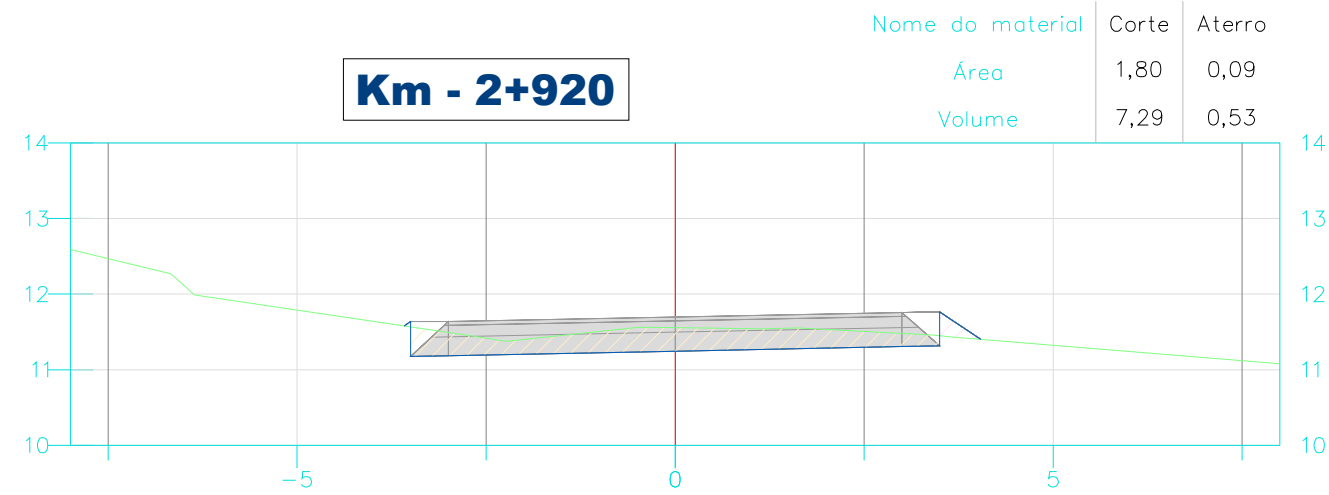
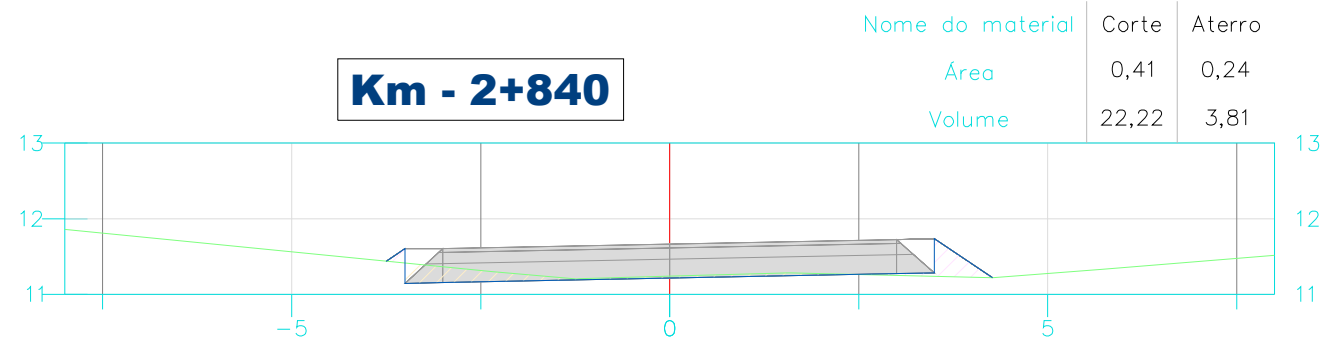
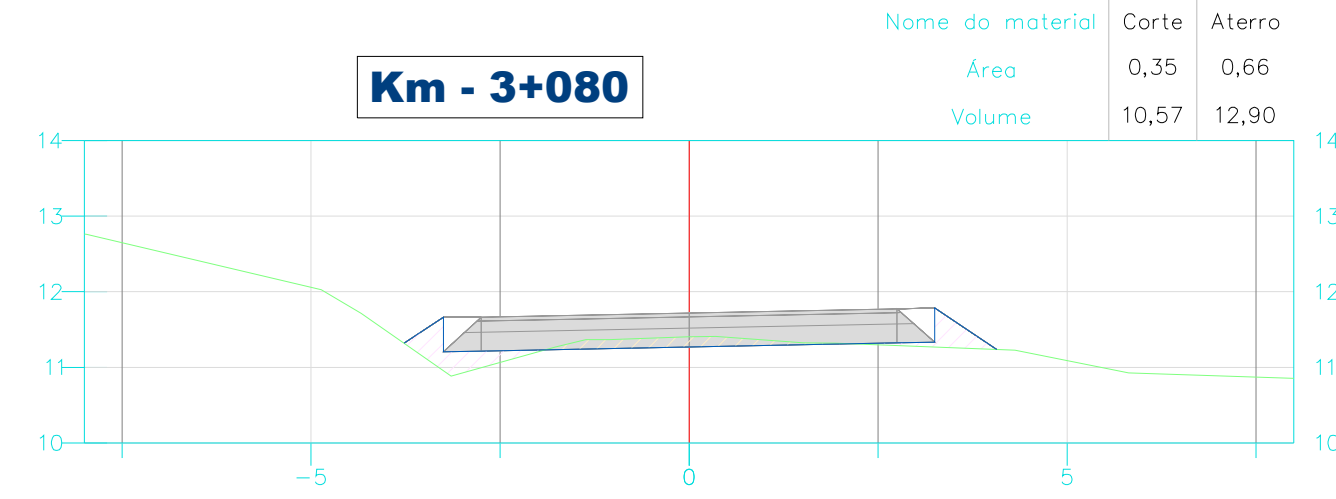
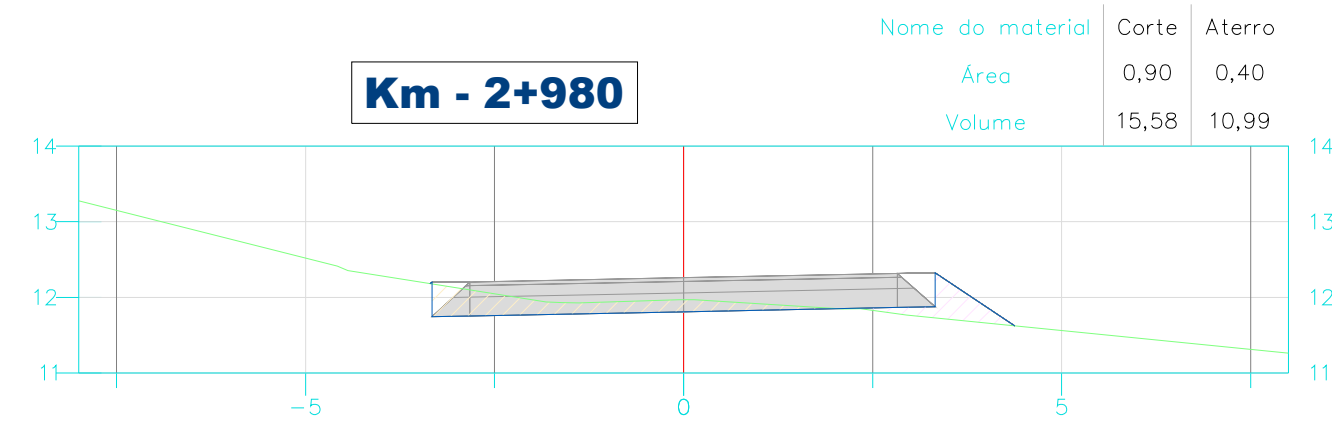
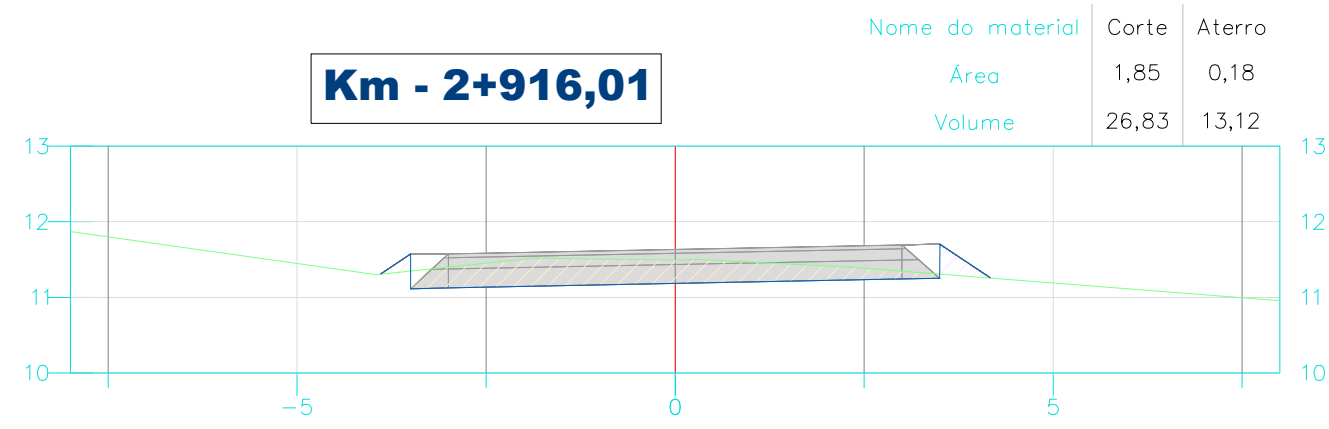
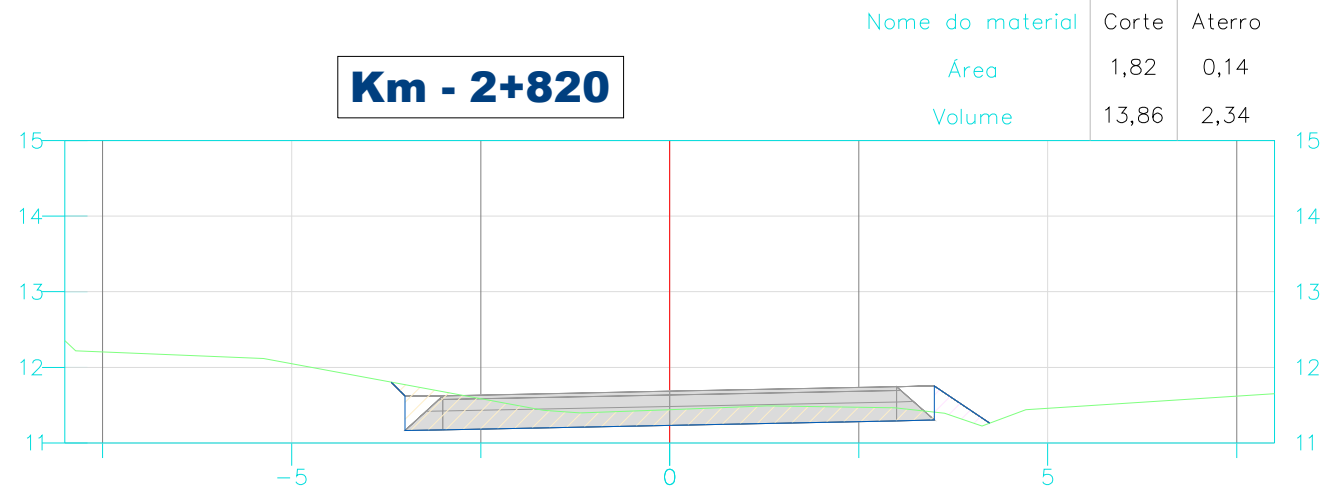
Conteúdo:
PROJETO TERRAPLENAGEM
SEÇÕES TRANSVERSAIS
CÁLCULO DE ÁREAS E VOLUMES

Data:
NOVEMBRO/2024

Escala:
h = 1 / 100 - v = 100

Revisão:
06



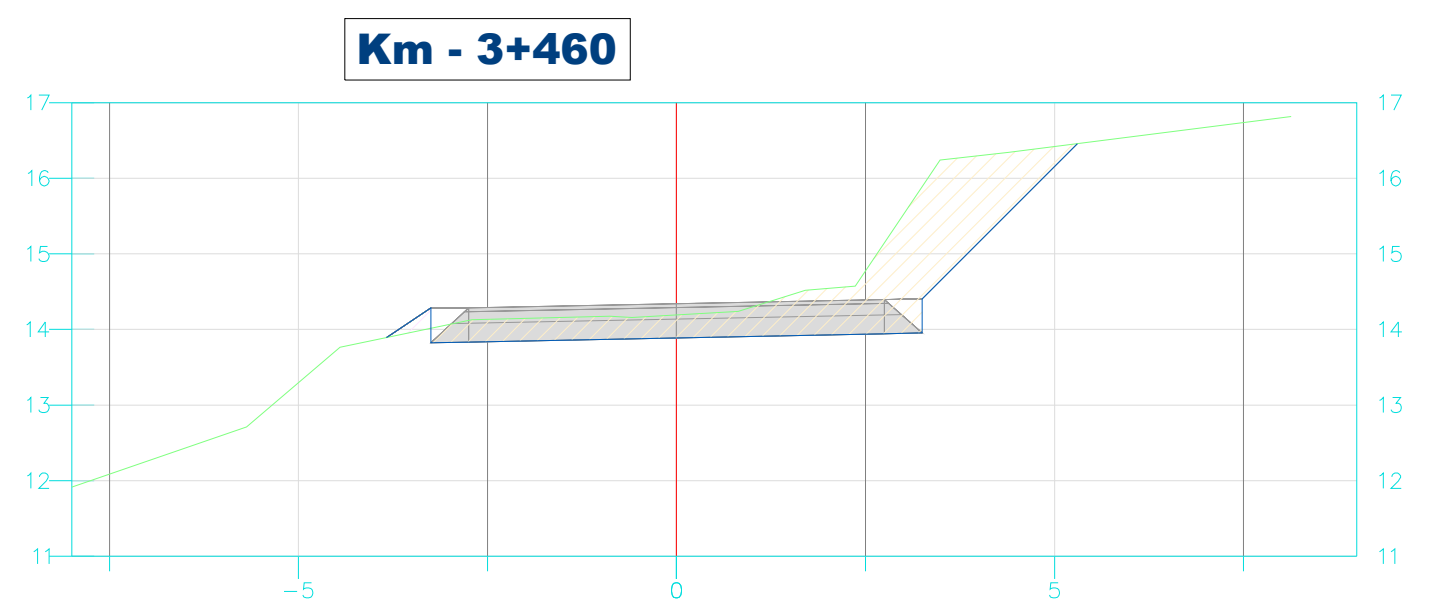
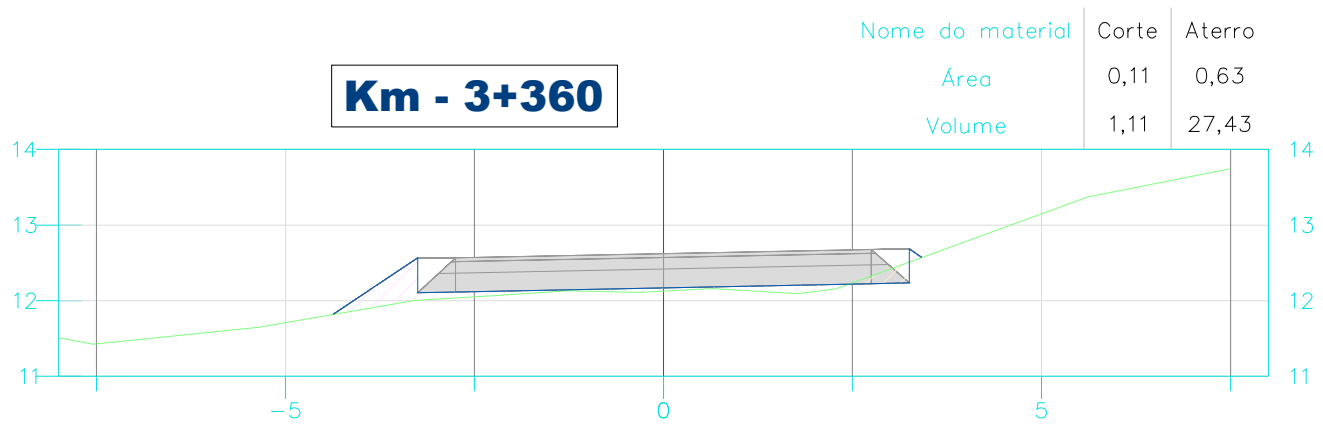
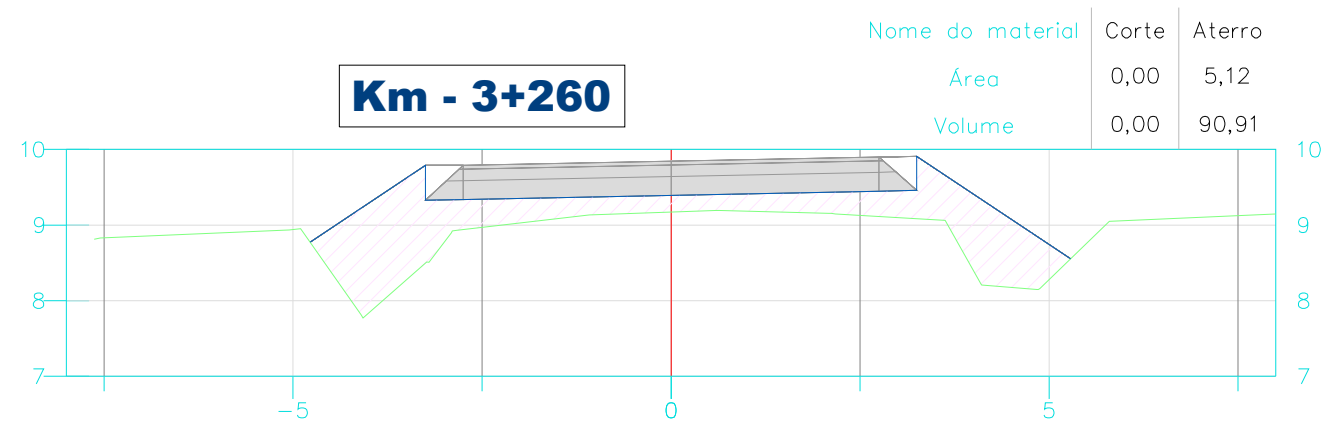
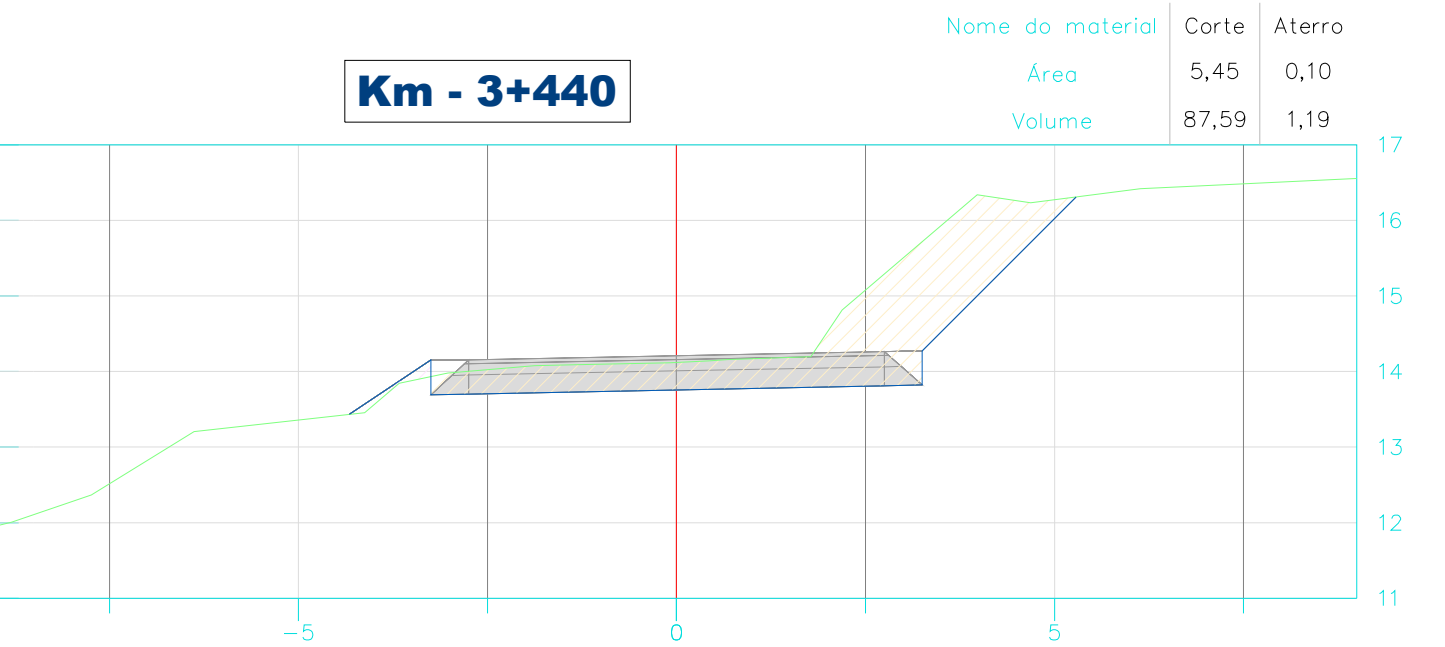
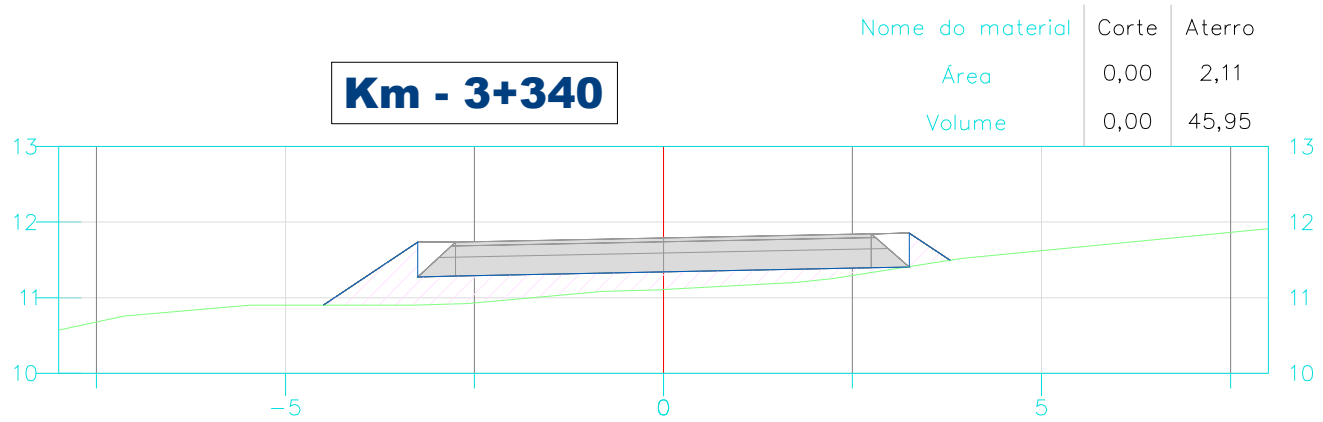
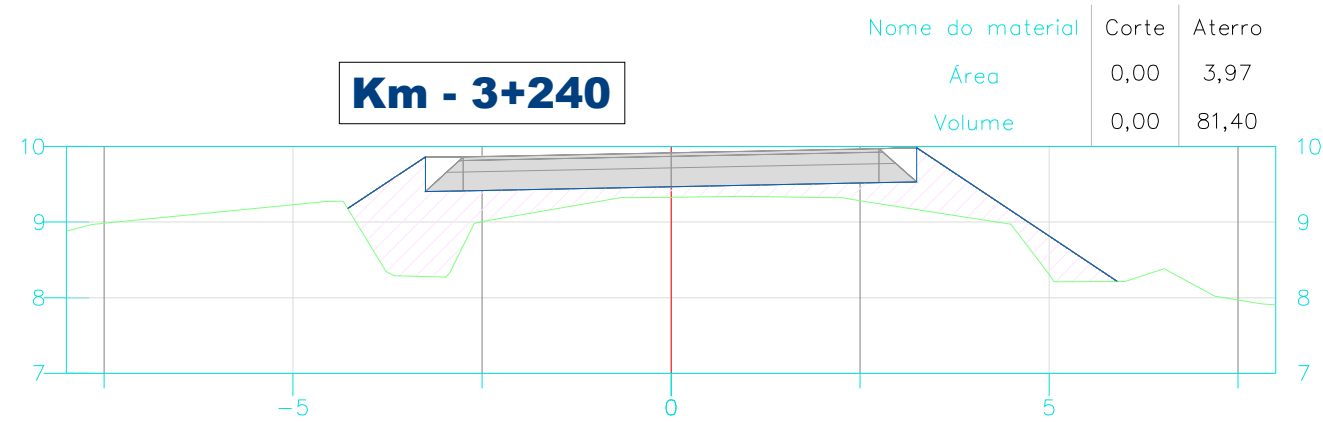
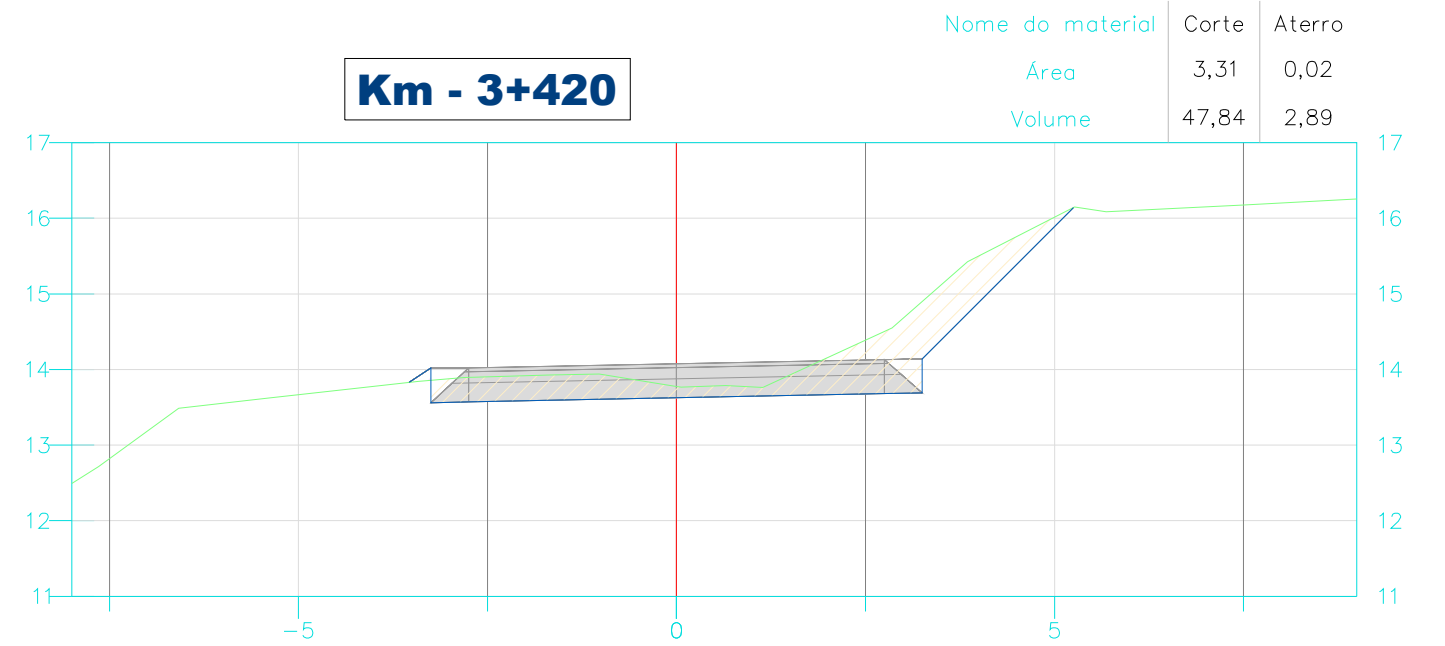
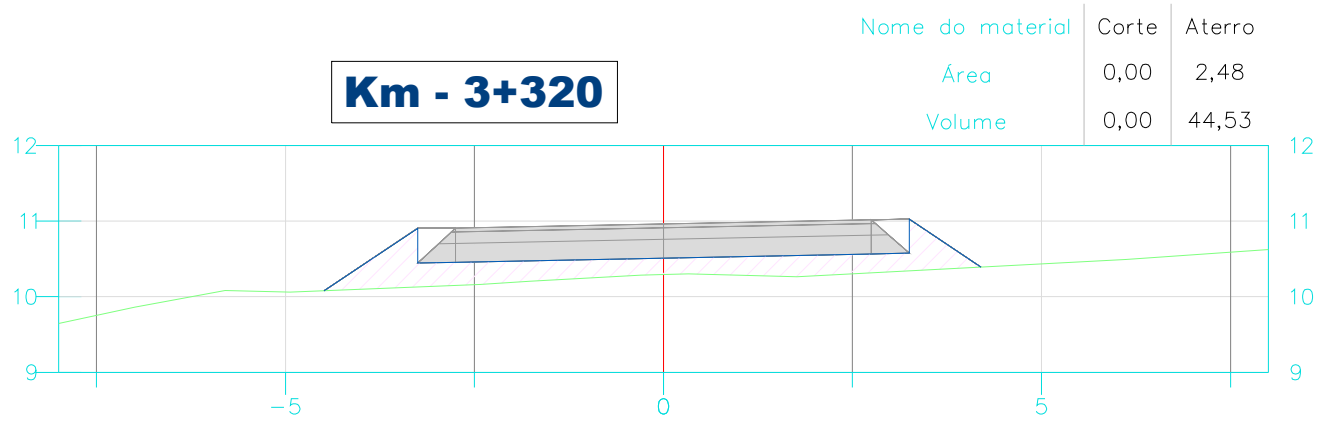
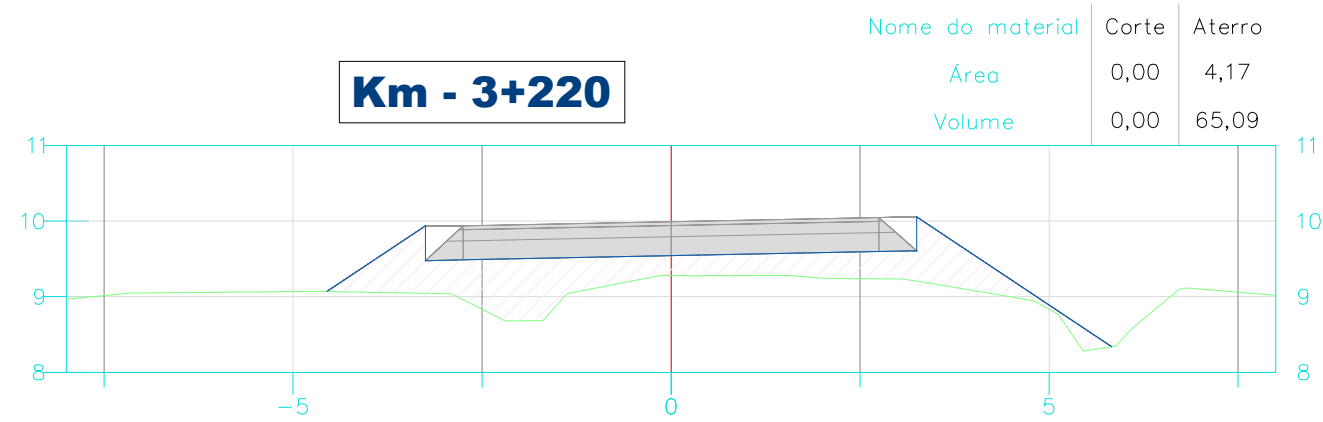
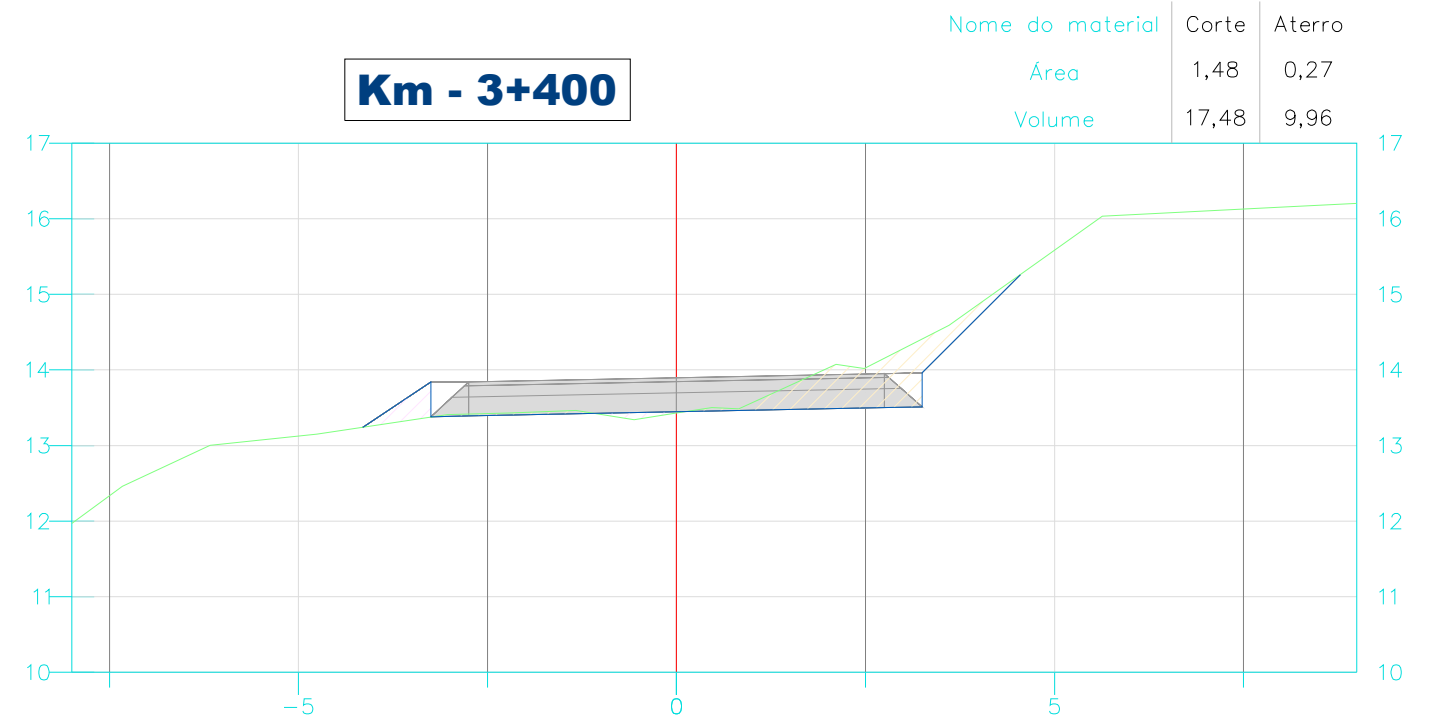
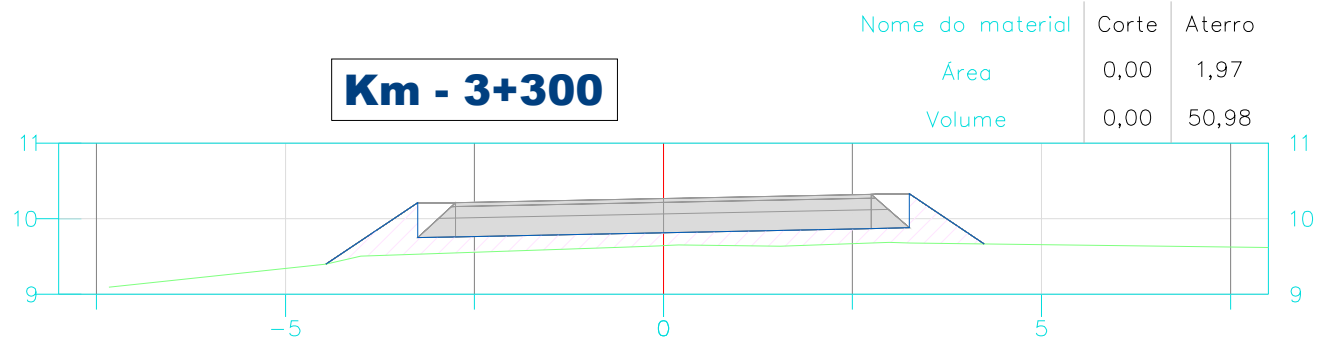
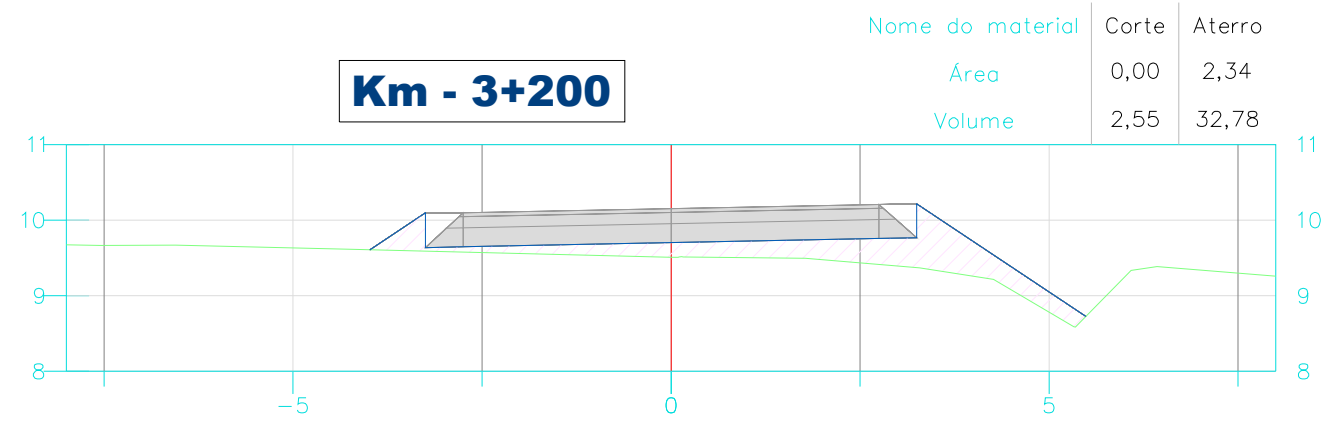
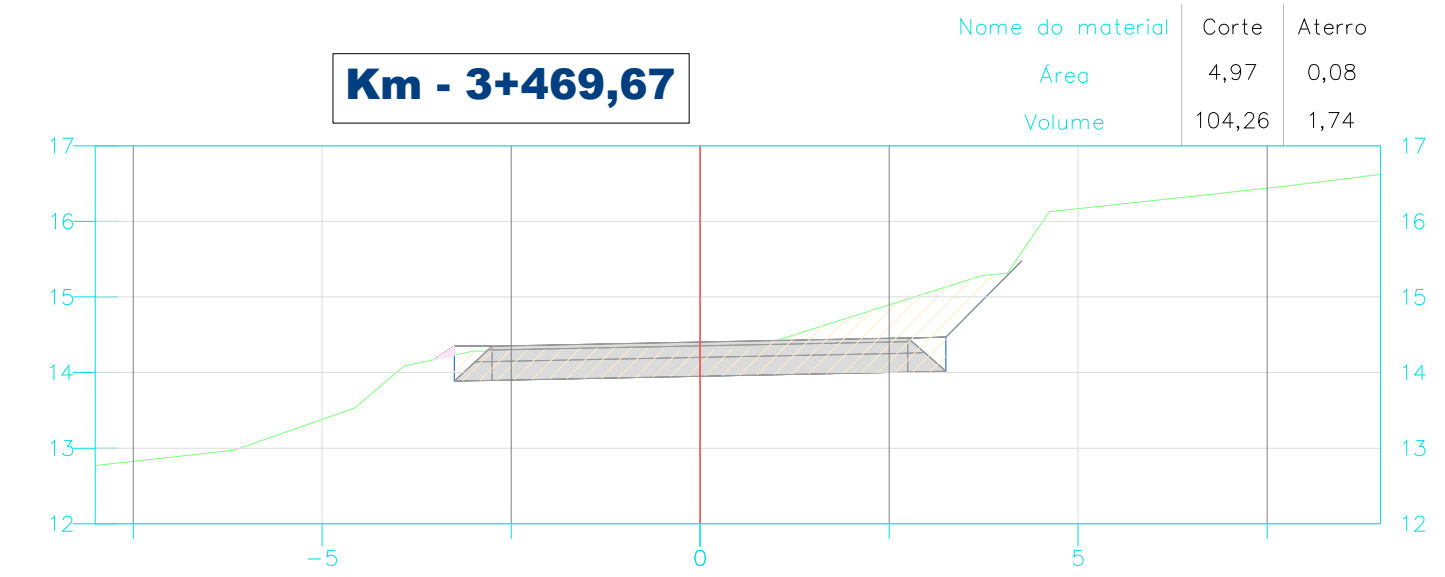
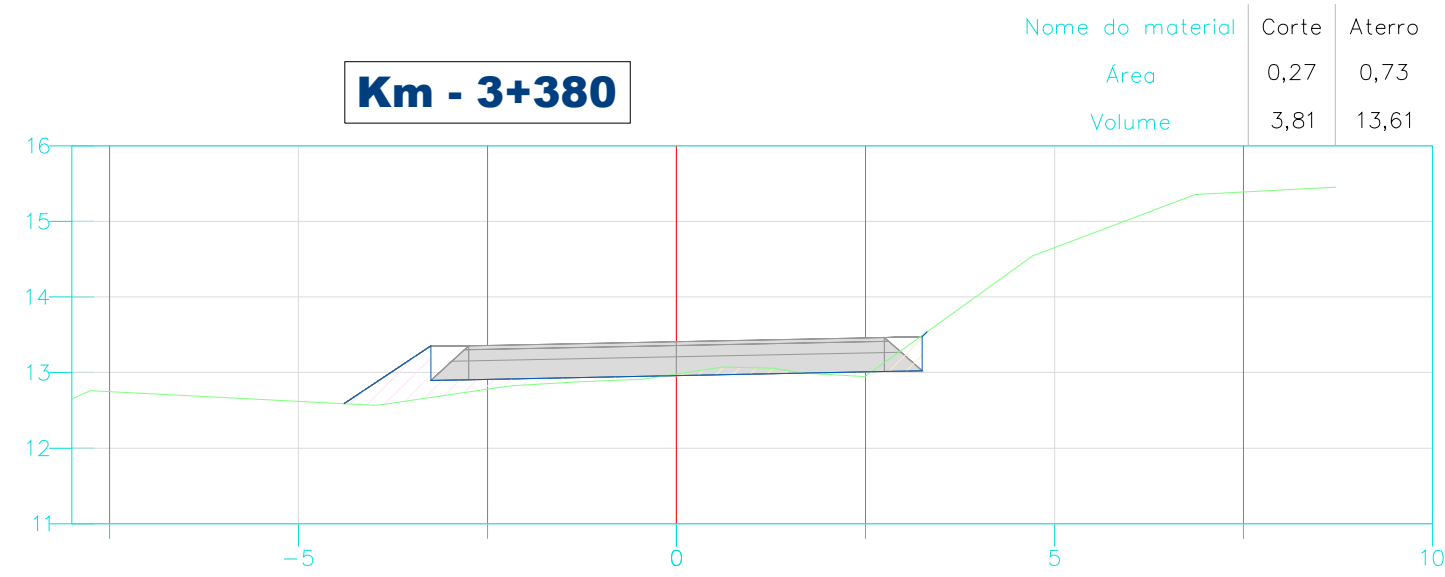
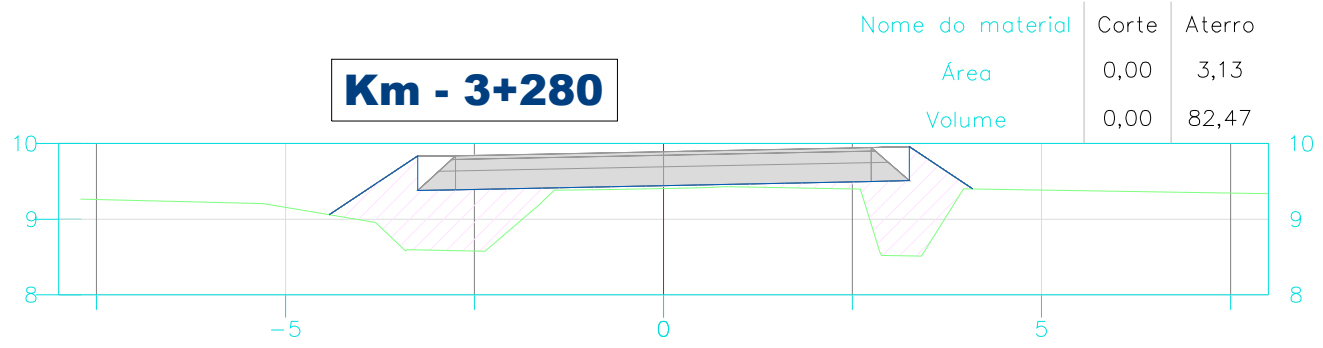
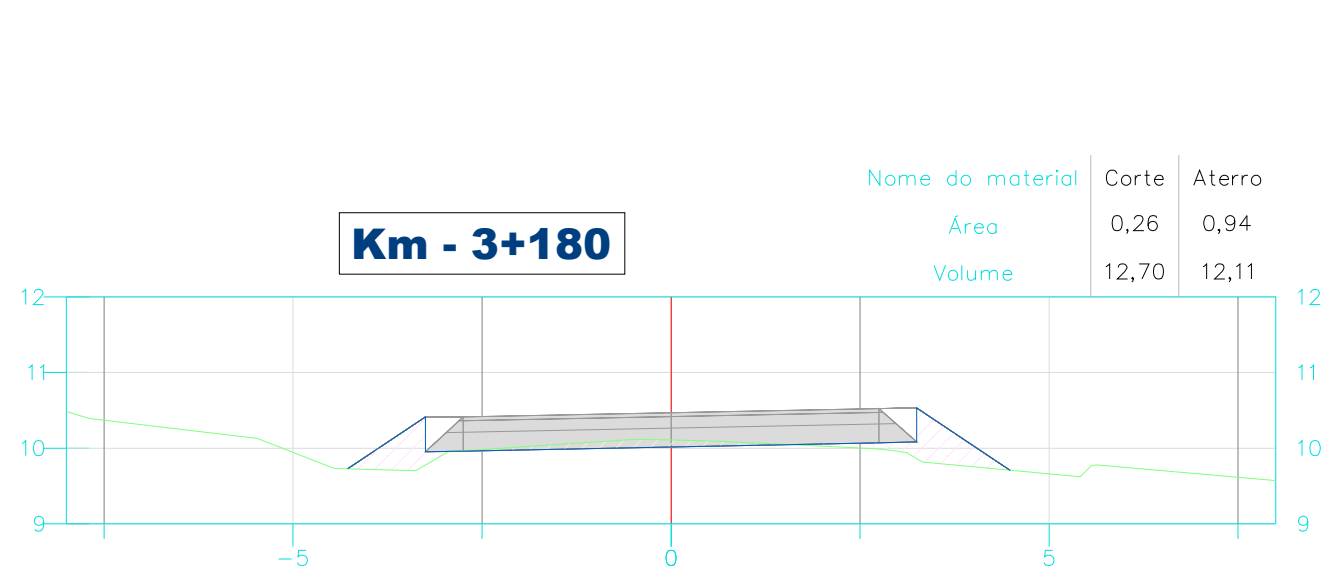




Proprietário:	MUNICÍPIO DE JOINVILLE
Objeto:	PROJETO DE PAVIMENTAÇÃO ASFALTICA
Endereço:	ESTRADA JATIVOCA

Responsável Técnico:	MARCOS CANCELIER MATTEI	Assinatura:	
Ocrea:	112.799-7		
Conteúdo:	PROJETO TERRAPLENAGEM SEÇÕES TRANSVERSAIS CÁLCULO DE ÁREAS E VOLUMES		
Data:	NOVEMBRO/2024	Escala:	h = 1 / 100 - v = 100
Revisão:	06		







Proprietário: MUNICÍPIO DE JOINVILLE
Objeto: PROJETO DE PAVIMENTAÇÃO ASFALTICA
Endereço: ESTRADA JATIVOCA

Responsável Técnico: MARCOS CANCELIER MATTEI Crea 112.799-7	Assinatura:
Conteúdo: PROJETO TERRAPLENAGEM SEÇÕES TRANSVERSAIS CÁLCULO DE ÁREAS E VOLUMES	
Data: NOVEMBRO/2024	Revisão: 06



Relatório de Cálculo de Volume											
	Distancias (m)		Área (m²)		Volume Pacial (m³)		Volume Acumulado (m³)				
Estaca	Progressiva	Semi-Distanc	Coluna1	Coluna2	Corte2	Aterro2	Corte3	Aterro3			
0+000,00	0,00	0,00	3,43	0,43	0,000	0,000	0,000	0,000			
0+020,00	20,00	10,00	2,85	0,05	62,790	4,810	62,790	4,810			
0+040,00	40,00	10,00	1,58	0,09	44,320	1,400	107,110	6,210			
0+060,00	60,00	10,00	1,12	0,13	26,990	2,140	134,100	8,350			
0+080,00	80,00	10,00	0,85	0,47	19,650	5,950	153,750	14,300			
0+100,00	100,00	10,00	1,36	0,15	22,070	6,200	175,820	20,500			
0+120,00	120,00	10,00	0,85	0,11	22,120	2,590	197,940	23,090			
0+140,00	140,00	10,00	0,59	0,45	14,410	5,530	212,350	28,620			
0+160,00	160,00	10,00	0,39	0,68	9,780	11,280	222,130	39,900			
0+180,00	180,00	10,00	0,90	0,60	12,950	12,770	235,080	52,670			
0+200,00	200,00	10,00	1,63	0,28	25,350	8,710	260,430	61,380			
0+220,00	220,00	10,00	1,65	0,14	32,780	4,120	293,210	65,500			
0+240,00	240,00	10,00	1,55	0,15	31,960	2,830	325,170	68,330			
0+260,00	260,00	10,00	1,41	0,16	29,620	3,040	354,790	71,370			
0+280,00	280,00	10,00	0,86	0,21	22,740	3,700	377,530	75,070			
0+300,00	300,00	10,00	0,70	0,36	15,590	5,770	393,120	80,840			
0+320,00	320,00	10,00	0,57	0,43	12,640	7,990	405,760	88,830			
0+340,00	340,00	10,00	0,17	1,04	7,330	14,720	413,090	103,550			
0+360,00	360,00	10,00	0,49	0,46	6,550	14,980	419,640	118,530			
0+380,00	380,00	10,00	1,58	0,28	20,720	7,360	440,360	125,890			
0+400,00	400,00	10,00	1,41	0,05	29,900	3,270	470,260	129,160			
0+420,00	420,00	10,00	1,57	0,02	29,780	0,730	500,040	129,890			
0+440,00	440,00	10,00	1,86	0,15	34,320	1,720	534,360	131,610			
0+460,00	460,00	10,00	0,21	1,56	20,730	17,080	555,090	148,690			
0+480,00	480,00	10,00	0,09	1,40	3,060	29,600	558,150	178,290			
0+500,00	500,00	10,00	0,05	1,48	1,390	28,840	559,540	207,130			
0+520,00	520,00	10,00	0,21	0,85	2,560	23,290	562,100	230,420			
0+540,00	540,00	10,00	0,15	1,41	3,570	22,570	565,670	252,990			
0+560,00	560,00	10,00	0,62	0,66	7,700	20,740	573,370	273,730			
0+580,00	580,00	10,00	0,71	0,75	13,310	14,180	586,680	287,910			
0+600,00	600,00	10,00	1,02	0,35	17,330	11,040	604,010	298,950			
0+620,00	620,00	10,00	1,07	0,17	20,980	5,200	624,990	304,150			
0+640,00	640,00	10,00	1,49	0,07	25,580	2,400	650,570	306,550			
0+660,00	660,00	10,00	5,84	0,16	73,250	2,320	723,820	308,870			
0+680,00	680,00	10,00	5,35	1,10	111,880	12,560	835,700	321,430			
0+700,00	700,00	10,00	3,95	0,90	93,030	19,920	928,730	341,350			
0+720,00	720,00	10,00	2,05	0,73	60,020	16,310	988,750	357,660			
0+740,00	740,00	10,00	0,34	1,41	23,920	21,480	1,012,670	379,140			
0+760,00	760,00	10,00	0,00	4,86	3,440	62,730	1,016,110	441,870			
0+780,00	780,00	10,00	0,00	11,66	0,000	165,210	1,016,110	607,080			
0+800,00	800,00	10,00	2,41	0,05	24,080	117,140	1,040,190	724,220			
0+820,00	820,00	10,00	5,34	0,11	77,520	1,610	1,117,710	725,830			
0+840,00	840,00	10,00	1,41	0,33	67,540	4,400	1,185,250	730,230			
0+860,00	860,00	10,00	0,54	0,19	19,510	5,190	1,204,760	735,420			
0+880,00	880,00	10,00	1,46	0,12	20,040	3,060	1,224,800	738,480			
0+900,00	900,00	10,00	0,60	0,18	20,650	2,980	1,245,450	741,460			
0+920,00	920,00	10,00	0,02	0,72	6,220	8,990	1,251,670	750,450			
0+940,00	940,00	10,00	0,01	0,93	0,270	16,500	1,251,940	766,950			
0+960,00	960,00	10,00	0,00	1,14	0,060	20,750	1,252,000	787,700			
0+980,00	980,00	10,00	0,04	1,02	0,370	21,670	1,252,370	809,370			
1+000,00	1,000,00	10,00	0,01	2,14	0,450	31,670	1,252,820	841,040			
1+020,00	1,020,00	10,00	0,00	4,61	0,080	67,570	1,252,900	908,610			
1+040,00	1,040,00	10,00	0,14	1,22	1,380	58,370	1,254,280	966,980			
1+060,00	1,060,00	10,00	2,67	1,17	28,120	23,920	1,282,400	990,900			
1+080,00	1,080,00	10,00	1,42	4,89	40,910	60,550	1,323,310	1,051,450			
1+100,00	1,100,00	10,00	0,00	3,33	14,170	82,130	1,337,480	1,133,580			
1+120,00	1,120,00	10,00	0,00	4,26	0,000	75,870	1,337,480	1,209,450			
1+140,00	1,140,00	10,00	0,00	5,38	0,000	96,380	1,337,480	1,305,830			
1+160,00	1,160,00	10,00	0,00	9,45	0,000	148,300	1,337,480	1,454,130			
1+180,00	1,180,00	10,00	0,00	9,01	0,000	184,630	1,337,480	1,638,760			
1+200,00	1,200,00	10,00	0,00	5,59	0,000	145,970	1,337,480	1,784,730			
1+220,00	1,220,00	10,00	0,00	6,44	0,000	120,270	1,337,480	1,905,000			
1+240,00	1,240,00	10,00	0,00	6,20	0,000	126,370	1,337,480	2,031,370			
1+260,00	1,260,00	10,00	0,00	5,38	0,000	115,770	1,337,480	2,147,140			
1+280,00	1,280,00	10,00	0,00	3,59	0,000	89,750	1,337,480	2,236,890			
1+300,00	1,300,00	10,00	0,00	2,40	0,000	59,970	1,337,480	2,296,860			
1+320,00	1,320,00	10,00	0,00	2,50	0,000	49,040	1,337,480	2,345,900			
1+340,00	1,340,00	10,00	0,03	1,30	0,350	37,980	1,337,830	2,383,880			
1+360,00	1,360,00	10,00	1,79	0,18	18,210	14,820	1,356,040	2,398,700			
1+380,00	1,380,00	10,00	3,71	0,00	54,970	1,890	1,411,010	2,400,590			
1+400,00	1,400,00	10,00	7,51	0,05	112,230	0,550	1,523,240	2,401,140			

1+400,00	1,400,00	10,00	7,51	0,05	112,230	0,550	1,523,240	2,401,140
1+420,00	1,420,00	10,00	6,41	0,24	139,260	2,950	1,662,500	2,404,090
1+440,00	1,440,00	10,00	6,24	0,38	126,510	6,250	1,789,010	2,410,340
1+460,00	1,460,00	10,00	6,90	0,32	131,370	6,980	1,920,380	2,417,320
1+480,00	1,480,00	10,00	7,23	0,24	141,280	5,590	2,061,660	2,422,910
1+500,00	1,500,00	10,00	6,75	0,05	139,820	2,950	2,201,480	2,425,860
1+520,00	1,520,00	10,00	5,75	0,38	124,990	4,340	2,326,470	2,430,200
1+540,00	1,540,00	10,00	5,00	0,73	107,430	11,100	2,433,900	2,441,300
1+560,00	1,560,00	10,00	4,33	0,85	93,250	15,780	2,527,150	2,457,080
1+580,00	1,580,00	10,00	5,39	0,69	97,170	15,410	2,624,320	2,472,490
1+600,00	1,600,00	10,00	6,51	0,39	119,030	10,780	2,743,350	2,483,270
1+620,00	1,620,00	10,00	6,15	0,45	126,630	8,350	2,869,980	2,491,620
1+640,00	1,640,00	10,00	4,74	0,77	108,910	12,220	2,978,890	2,503,840
1+660,00	1,660,00	10,00	4,02	1,15	87,620	19,260	3,066,510	2,523,100
1+680,00	1,680,00	10,00	3,76	0,63	77,800	17,850	3,144,310	2,540,950
1+691,58	1,691.58	5,79	3,65	0,51	42,900	6,600	3,187,210	2,547,550
1+700,00	1,700,00	4,21	3,46	0,57	29,900	4,540	3,217,110	2,552,090
1+720,00	1,720,00	10,00	3,85	0,49	73,100	10,570	3,290,210	2,562,660
1+740,00	1,740,00	10,00	4,25	0,33	81,060	8,210	3,371,270	2,570,870
1+756,55	1,756.55	8,27	4,58	0,28	73,080	5,080	3,444,350	2,575,950
1+760,00	1,760,00	1,73	4,67	0,27	15,960	0,950	3,460,310	2,576,900
1+767,77	1,767.77	3,88	4,87	0,25	37,080	2,010	3,497,390	2,578,910
1+780,00	1,780,00	6,12	5,29	0,17	62,100	2,570	3,559,490	2,581,480
1+800,00	1,800,00	10,00	6,36	0,11	116,450	2,810	3,675,940	2,584,290
1+820,00	1,820,00	10,00	7,31	0,00	136,650	1,130	3,812,590	2,585,420
1+840,00	1,840,00	10,00	4,26	0,40	115,650	4,000	3,928,240	2,589,420
1+860,00	1,860,00	10,00	0,47	1,67	47,290	20,620	3,975,530	2,610,040
1+880,00	1,880,00	10,00	0,00	4,16	4,690	58,270	3,980,220	2,668,310
1+900,00	1,900,00	10,00	1,97	0,05	19,710	42,140	3,999,930	2,710,450
1+920,00	1,920,00	10,00	0,58	0,90	25,560	9,540	4,025,490	2,719,990
1+940,00	1,940,00	10,00	0,07	2,71	6,570	36,120	4,032,060	2,756,110
1+960,00	1,960,00	10,00	2,40	1,09	24,710	38,040	4,056,770	2,794,150
1+980,00	1,980,00	10,00	2,08	0,38	44,820	14,760	4,101,590	2,808,910
2+000,00	2,000,00	10,00	1,55	0,21	36,350	5,950	4,137,940	2,814,860
2+020,00	2,020,00	10,00	2,33	0,20	38,830	4,950	4,176,770	2,819,010
2+040,00	2,040,00	10,00	1,16	0,19	34,960	3,920	4,211,730	2,822,930
2+060,00	2,060,00	10,00	0,80	0,27	19,650	4,570	4,231,380	2,827,500
2+080,00	2,080,00	10,00	0,43	0,65	12,290	9,210	4,243,670	2,836,710
2+100,00	2,100,00	10,00	0,35	0,56	7,780	12,100	4,251,450	2,848,810
2+120,00	2,120,00	10,00	0,30	0,63	6,530	11,890	4,257,980	2,860,700
2+140,00	2,140,00	10,00	1,17	0,41	14,790	10,440	4,272,770	2,871,140
2+160,00	2,160,00	10,00	1,14	0,39	23,120	8,050	4,295,890	2,879,190
2+180,00	2,180,00	10,00	0,87	0,23	20,100	6,250	4,315,990	2,885,440
2+200,00	2,200,00	10,00	0,60	0,37	14,750	6,030	4,330,740	2,891,470
2+220,00	2,220,00	10,00	0,39	0,50	9,960	8,670	4,340,700	2,900,140
2+240,00	2,240,00	10,00	0,81	0,16	12,060	6,560	4,352,760	2,906,700
2+260,00	2,260,00	10,00	1,27	0,14	20,830	2,990	4,373,590	2,909,690
2+280,00	2,280,00	10,00	2,44	0,10	37,110	2,400	4,410,700	2,912,090
2+300,00	2,300,00	10,00	2,68	0,00	51,190	1,000	4,461,890	2,913,090
2+320,00	2,320,00	10,00	1,03	0,12	37,050	1,210	4,498,940	2,919,300
2+340,00	2,340,00	10,00	1,14	0,03	21,620	1,520	4,520,560	2,915,820
2+360,00	2,360,00	10,00	1,35	0,01	24,880	0,430	4,545,440	2,916,250
2+380,00	2,380,00	10,00	1,08	0,03	24,310	0,430	4,569,750	2,916,680
2+400,00	2,400,00	10,00	0,84	0,11	19,200	1,450	4,588,950	2,918,130
2+420,00	2,420,00	10,00	0,17	0,36	10,080	4,730	4,599,030	2,922,860
2+440,00	2,440,00	10,00	2,90	1,46	30,650	18,200	4,629,680	2,941,060
2+460,00	2,460,00	10,00	5,15	1,20	80,530	26,650	4,710,210	2,967,710
2+480,00	2,480,00	10,00	0,66	0,69	58,110	18,930	4,768,320	2,986,640
2+500,00	2,500,00	10,00	0,28	0,69	9,400	13,800	4,777,720	3,000,440
2+520,00	2,520,00	10,00	1,07	0,15	13,510	8,360	4,791,230	3,008,800
2+540,00	2,540,00	10,00	3,04	0,21	41,080	3,530	4,832,310	3,012,330
2+560,00	2,560,00	10,00	1,00	0,60	40,410	8,100	4,872,720	3,020,430
2+580,00	2,580,00	10,00	0,35	0,83	13,470	14,350	4,886,190	3,034,780
2+600,00	2,600,00	10,00	0,16	0,93	5,020	17,610	4,891,210	3,052,390
2+620,00	2,620,00	10,00	0,00	1,65	1,560	25,770	4,892,770	3,078,160
2+640,00	2,640,00	10,00	0,00	2,22	0,000	38,670	4,892,770	3,116,830
2+660,00	2,660,00	10,00	3,69	0,61	36,880	28,270	4,929,650	3,145,100
2+680,00	2,680,00	10,00	3,52	0,76	72,060	13,650	5,001,710	3,158,750
2+700,00	2,700,00	10,00	3,79	0,64	73,110	13,970	5,074,820	3,172,720
2+720,00	2,720,00	10,00	3,87	0,59	76,620	12,270	5,151,440	3,184,990
2+740,00	2,740,00	10,00	4,57	0,34	84,410	9,320	5,235,850	3,194,310
2+760,00	2,760,00	10,00	4,07	0,50	86,440	8,450	5,322,290	3,202,760
2+780,00	2,780,00	10,00	2,95	1,05	70,200	15,490	5,392,490	3,218,250
2+800,00	2,800,00	10,00	4,83	1,16	77,800	22,050	5,470,290	3,240,300
2+802,20	2,802.20	1,10	1,30	1,35	6,730	2,750	5,477,020	3,243,050
2+811,80	2,811.80	4,80	1,56	0,43	13,740	8,520	5,490,760	3,251,570