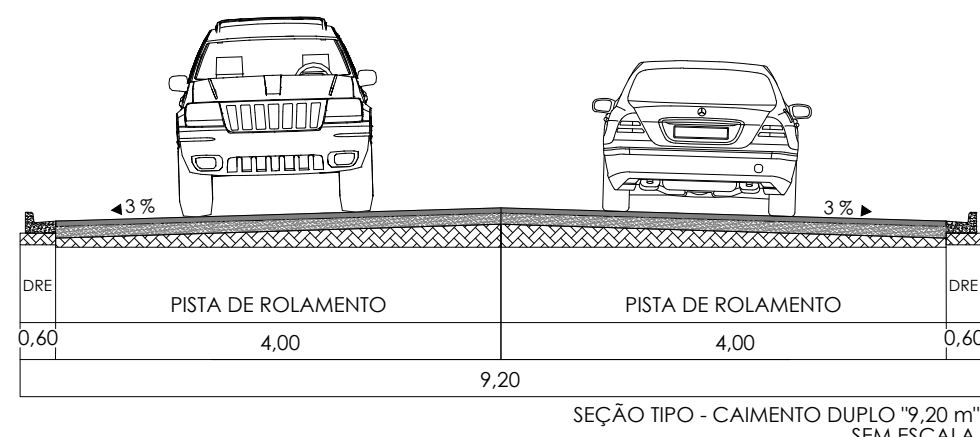
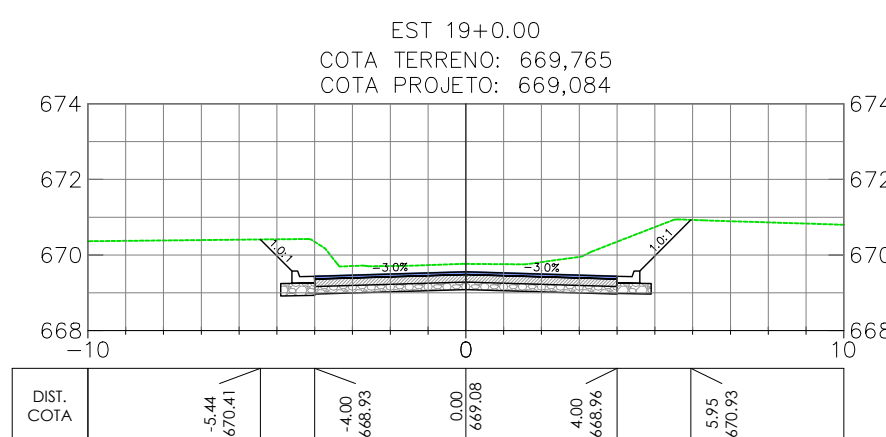
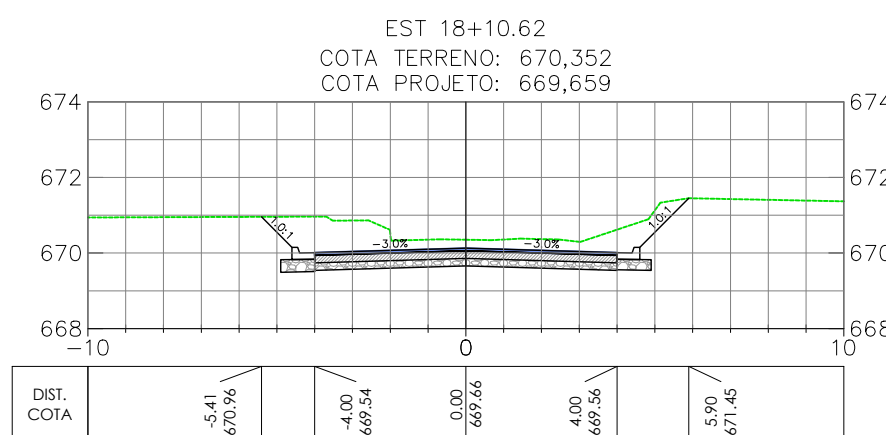
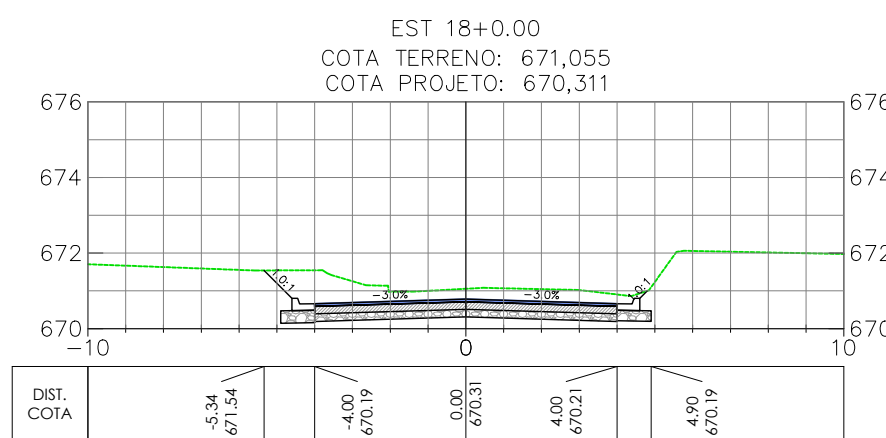
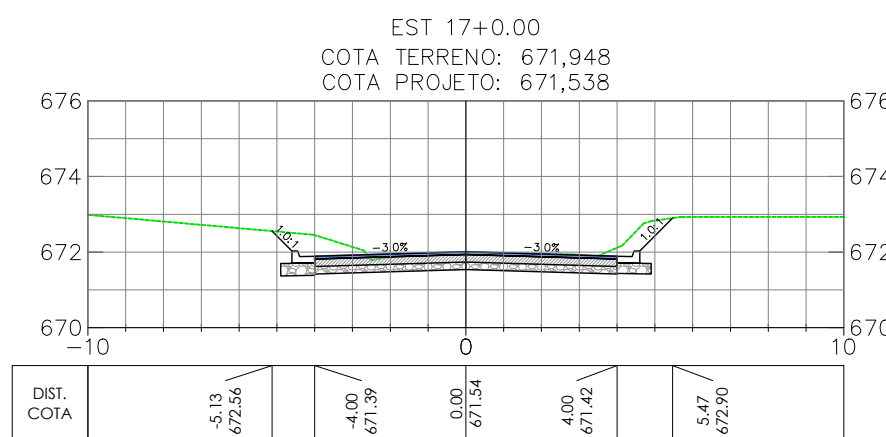
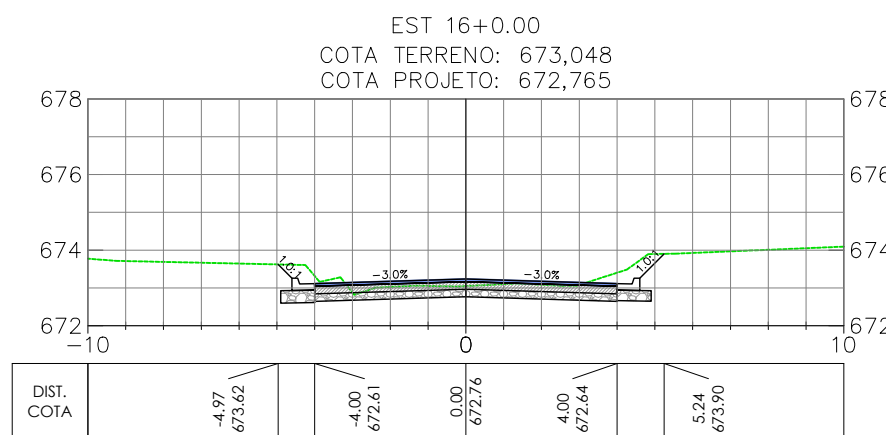
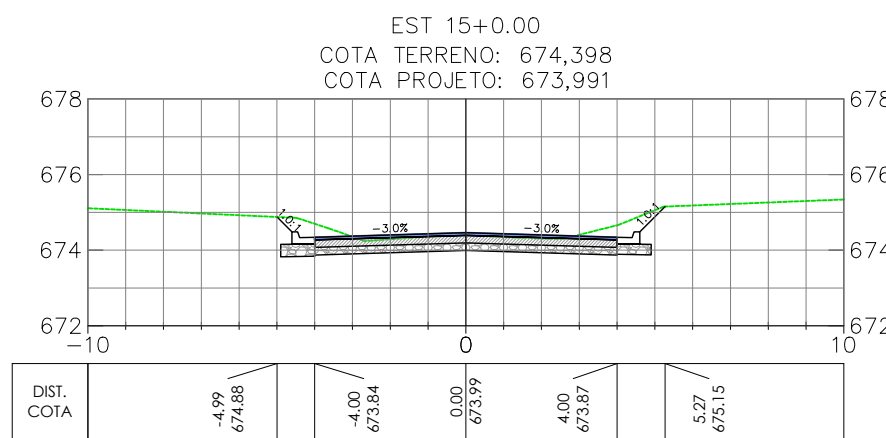
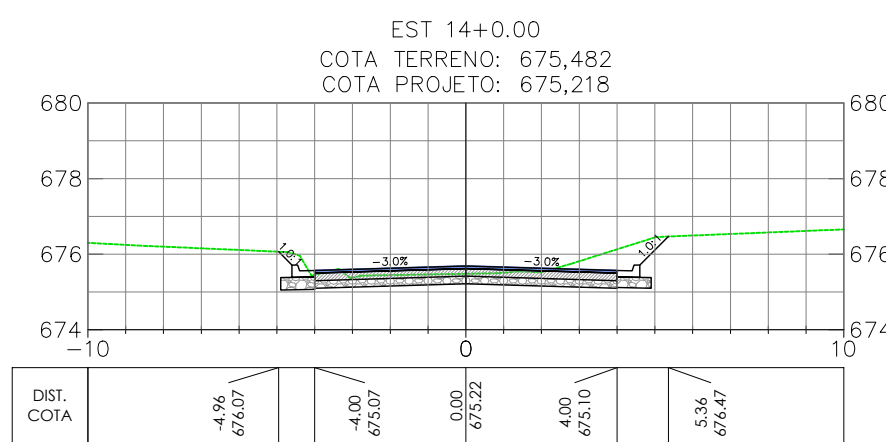
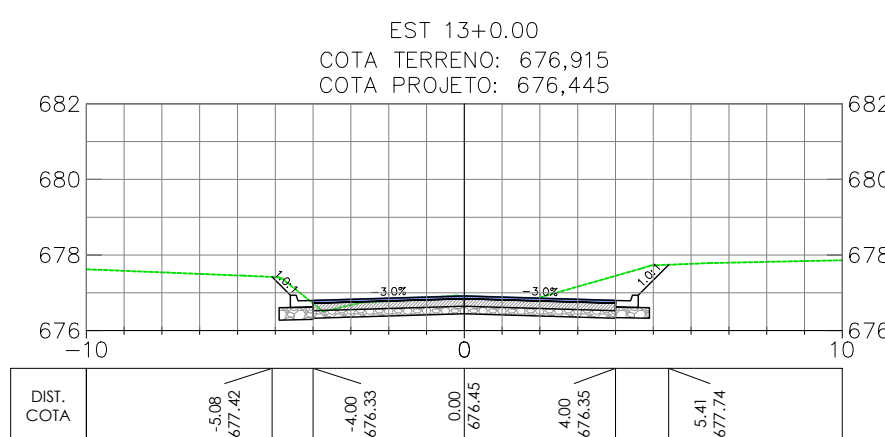
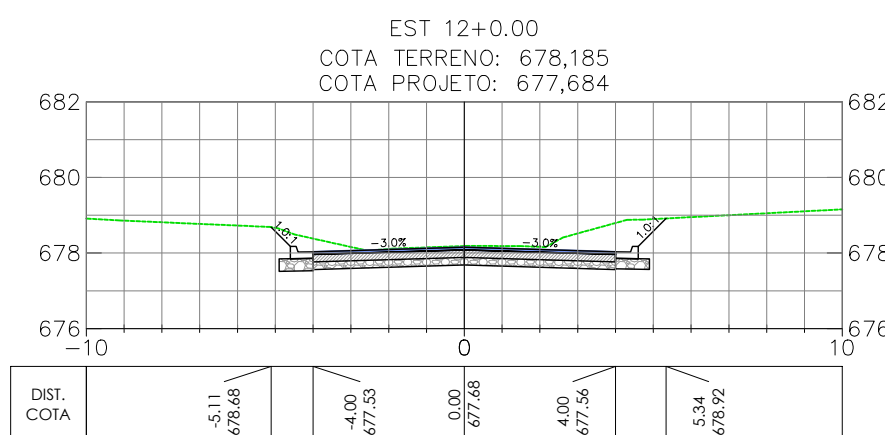
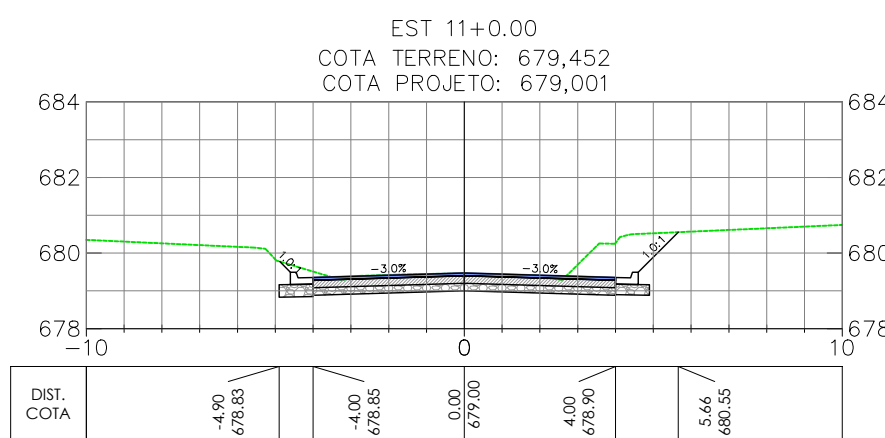
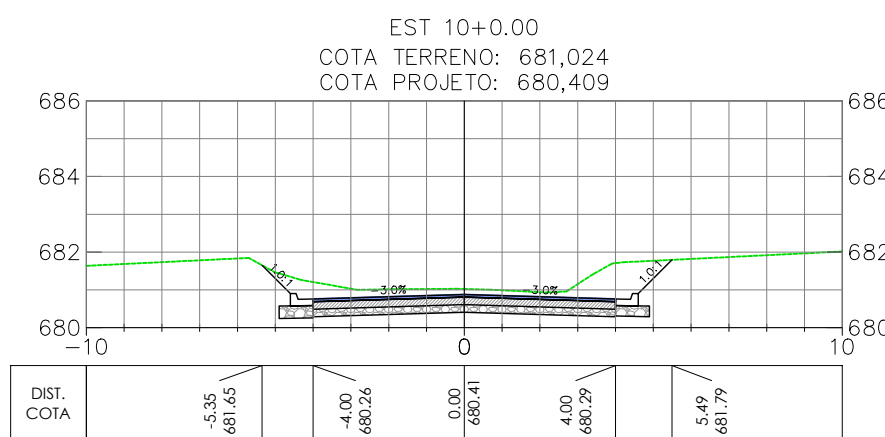
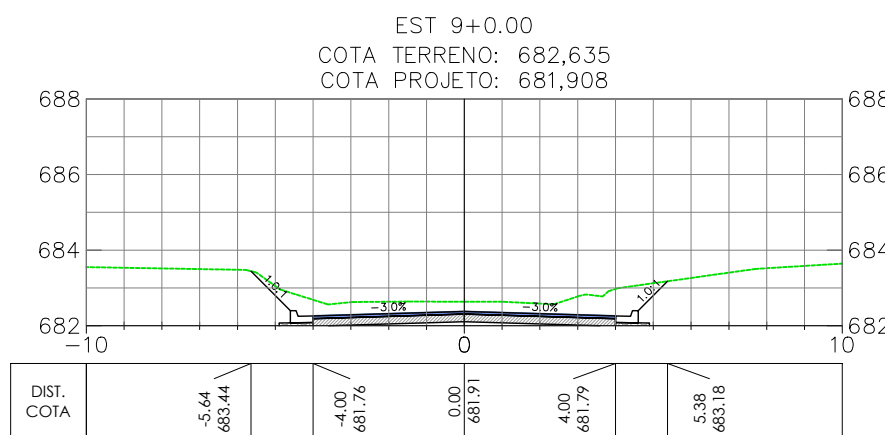
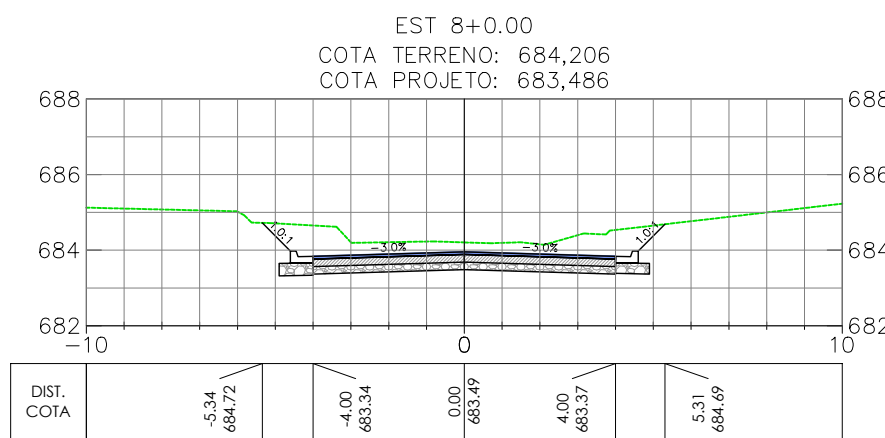
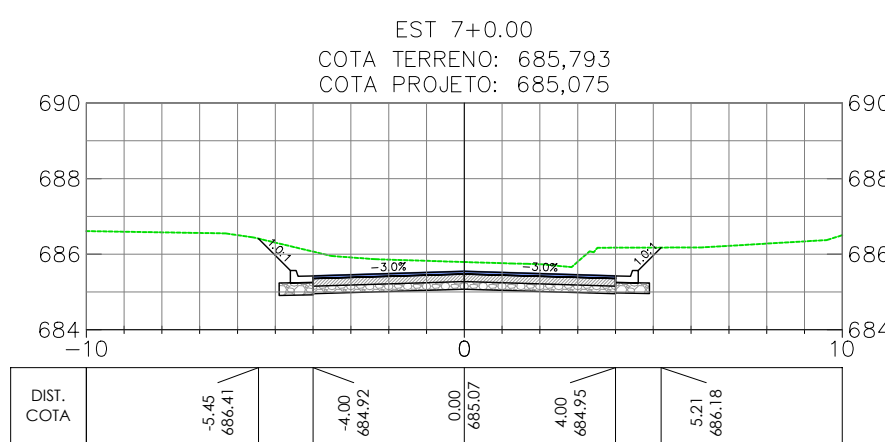
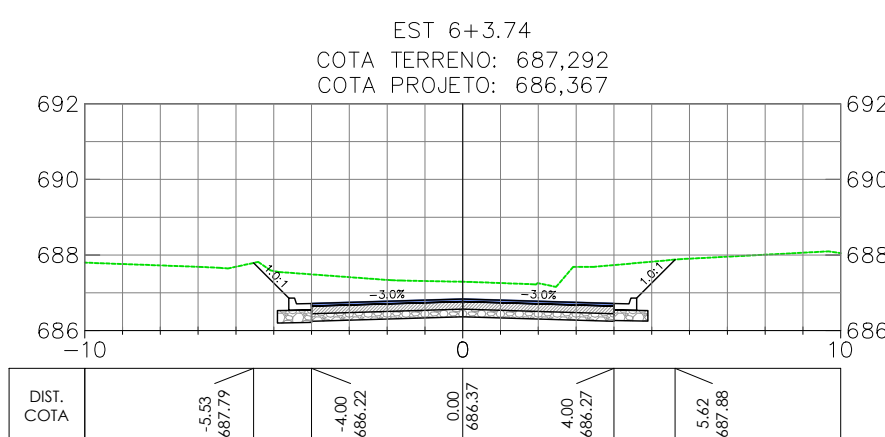
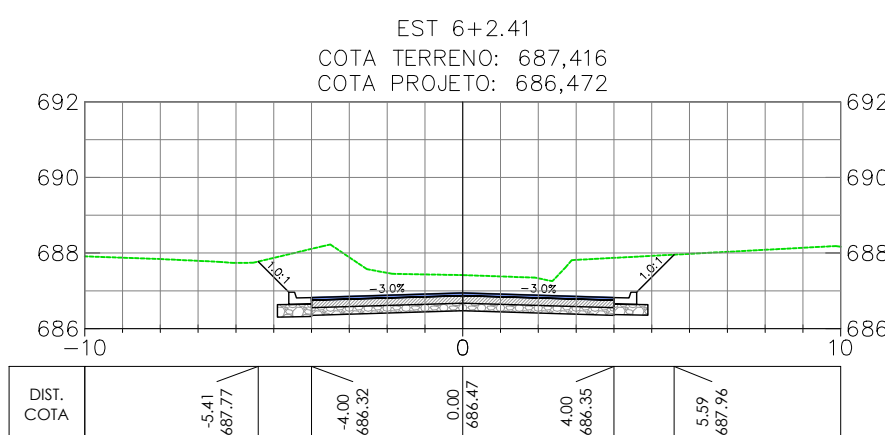
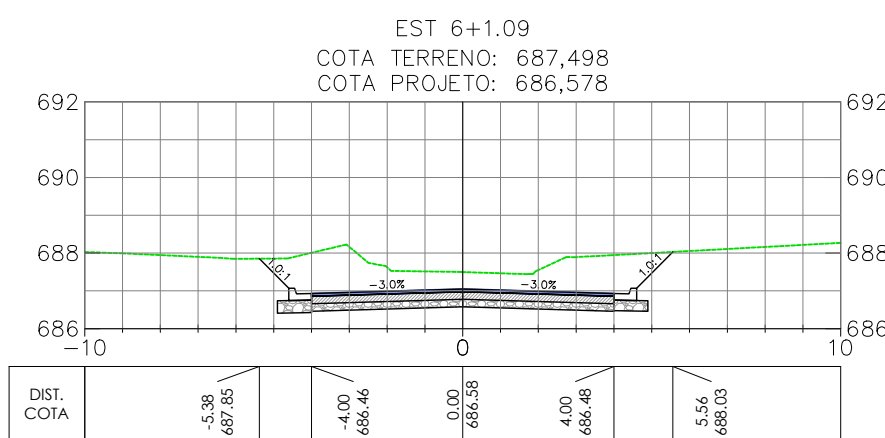
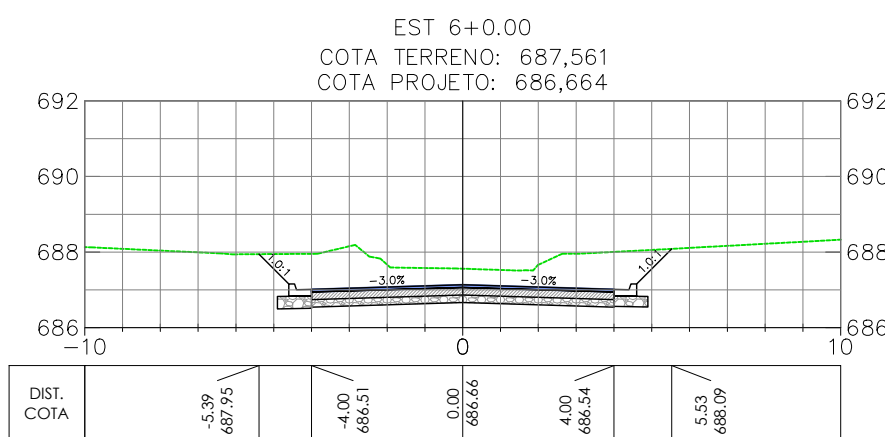
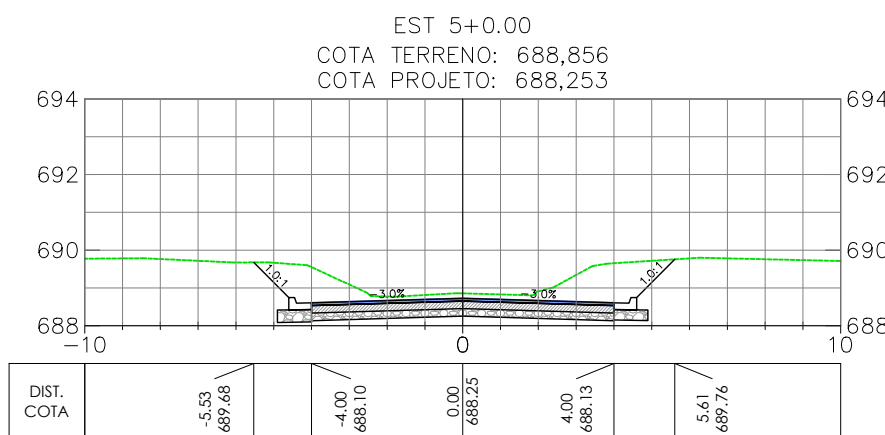
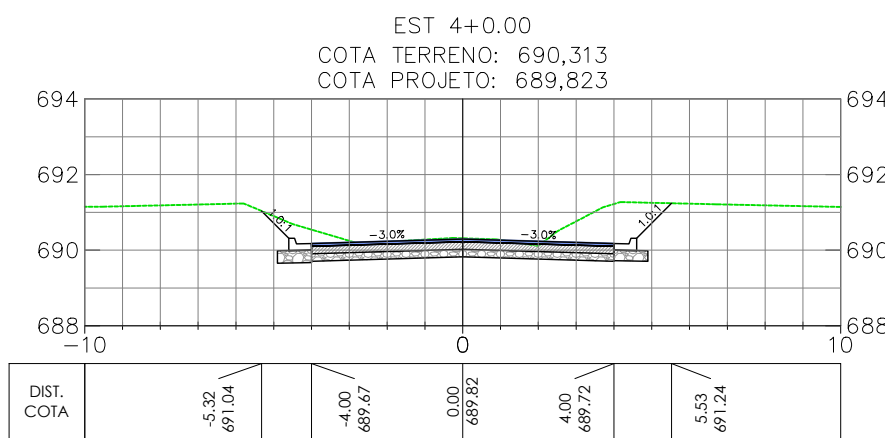
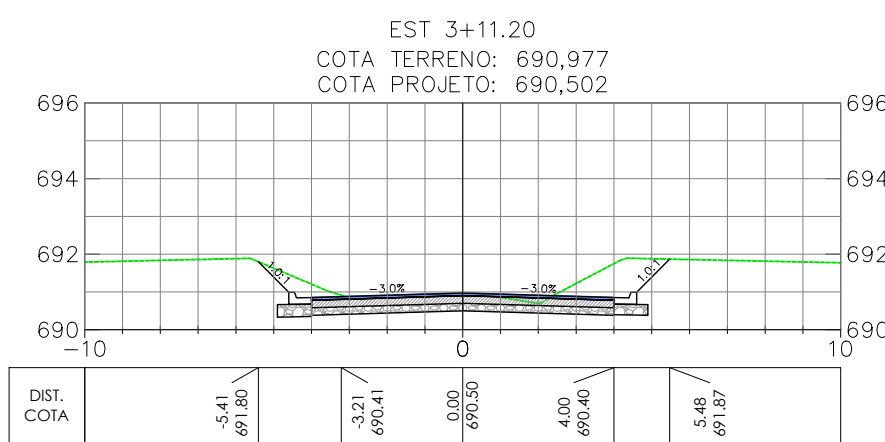
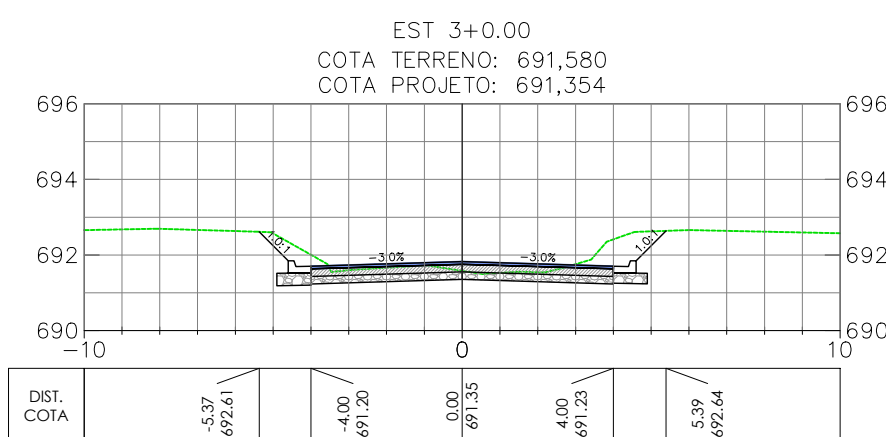
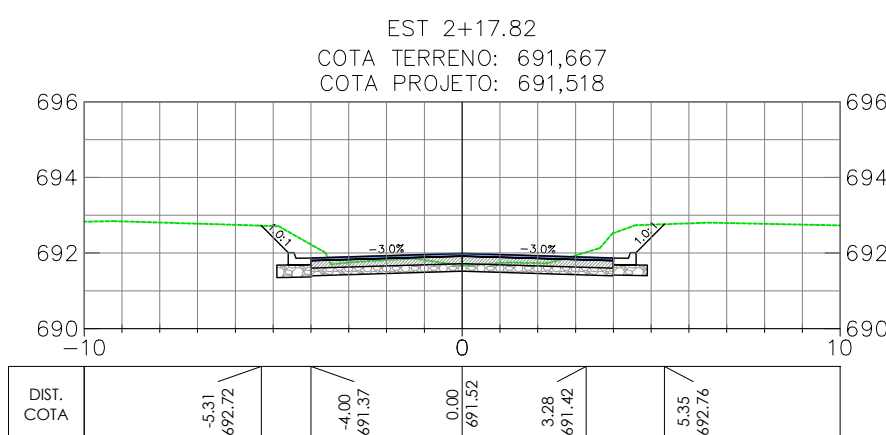
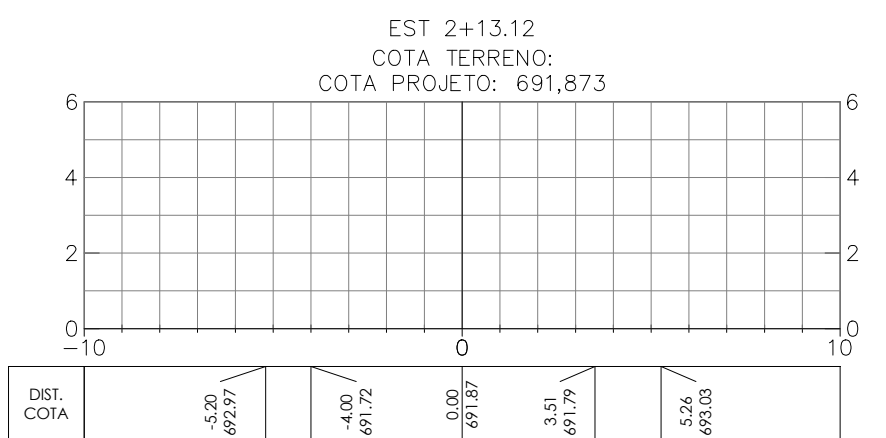
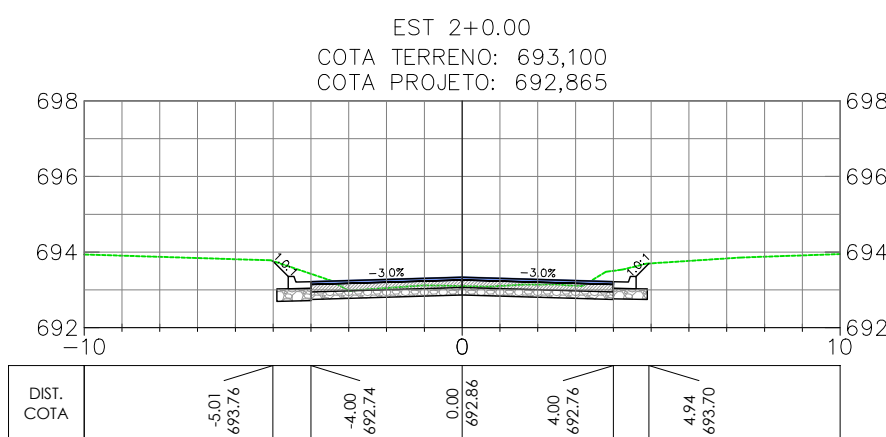
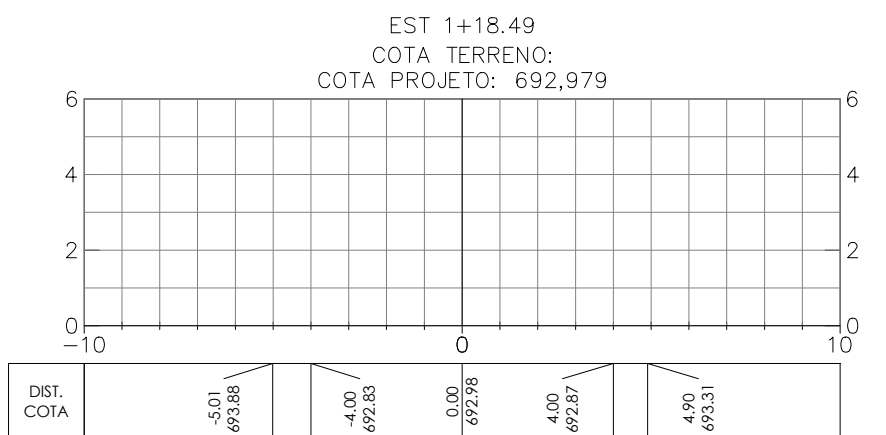
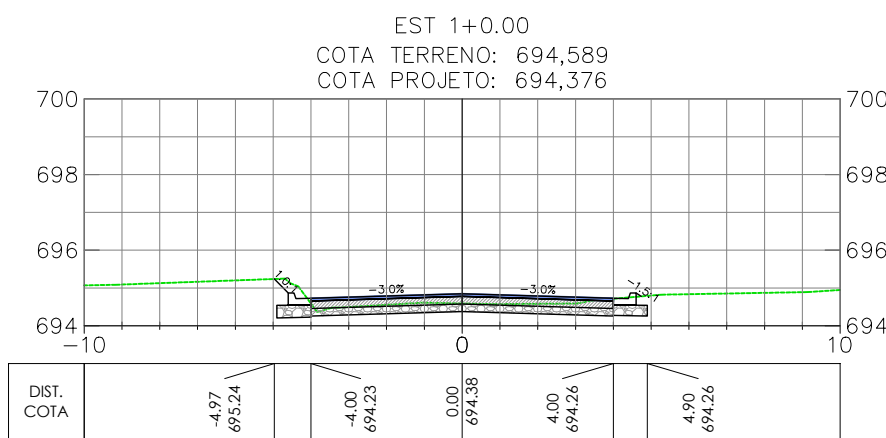
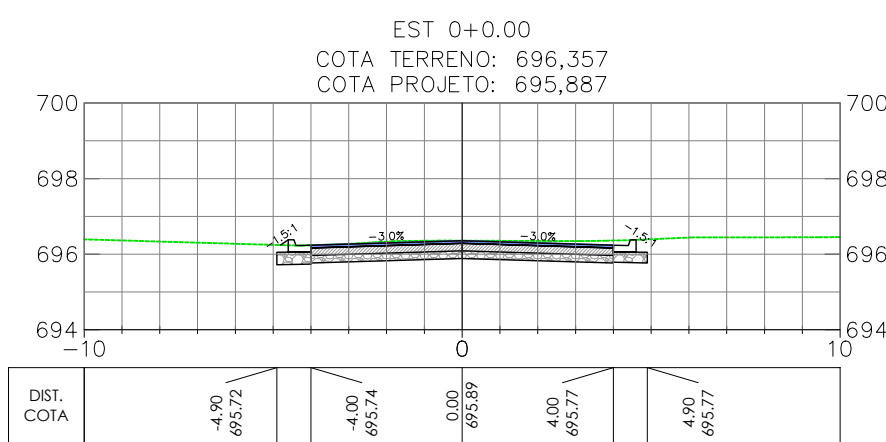


Anel Rodoviário



OBSERVAÇÕES

- 1 - MEDIDAS, COORDENADAS E ELEVÇÕES EM METRO, EXCETO ONDE INDICADO  
2 - PODERÃO OCORRER AJUSTES EM CAMPO QUANDO A EXECUÇÃO DA OBRA POR DETERMINAÇÃO DA PREFEITURA.

LEGENDA

EIXO PROJETADO  
TERRENO NATURAL

REVISÃO	DESCRIÇÃO	TIPO	ELABORADO	VERIFICADO	DATA
00	EMIÇÃO INICIAL	EXE	GMT	LGR	15/09/2021
01	REVISÃO	EXE	CLP	LGR	04/02/2022
02	REVISÃO	EXE	IFT	LGR	09/08/2022

TIPOS DE EMISSÃO	ATP - ANTEPROJETO BSC - BÁSICO EXE - EXECUTIVO	APV - APROVADO PCT - P/ CONSTRUÇÃO ASB - "AS BUILT"	CNC - CANCELADO
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OBJETIVA  
PROJETOS E SERVIÇOS

OBJETIVA PROJETOS E SERVIÇOS  
ALAMEDA OSCAR NIEMAYER, Nº500, SALA 505 - VALE DO SERENO  
NOVA LIMA-MO - CEP: 34.006-056  
TEL.: (31) 3347-4405 / (31) 3347-7079 / (31) 3571-1920  
EMAIL: contata@grupoprojetosengenharia.com.br



PREFEITURA MUNICIPAL DE BOM DESPACHO

PRÇA RMA ALBUQUERQUE, Nº45 - CENTRO  
BOM DESPACHO-MG - CEP: 35.600-000  
TEL: 0800 285 9797

PROJETO DE INFRAESTRUTURA

ANEL RODOVÁRIO LIGAÇÃO ENTRE BR-262 E MG-164, BOM DESPACHO-MG

PROJETO DE TERRAPLENAGEM

AUTORIA DO PROJETO:	CONTRATANTE DO PROJETO:
JULIANA GONÇALVES OLIVEIRA CREA MG - 239787/D	RESPONSÁVEL DA CONTRATANTE

DATA: JULHO/2022	ESCALA: 1:200	CÓDIGO: PRJ-TER
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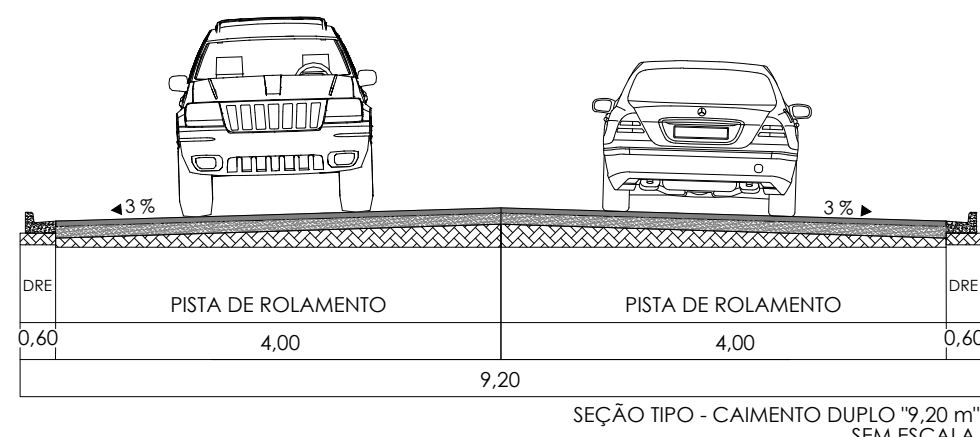
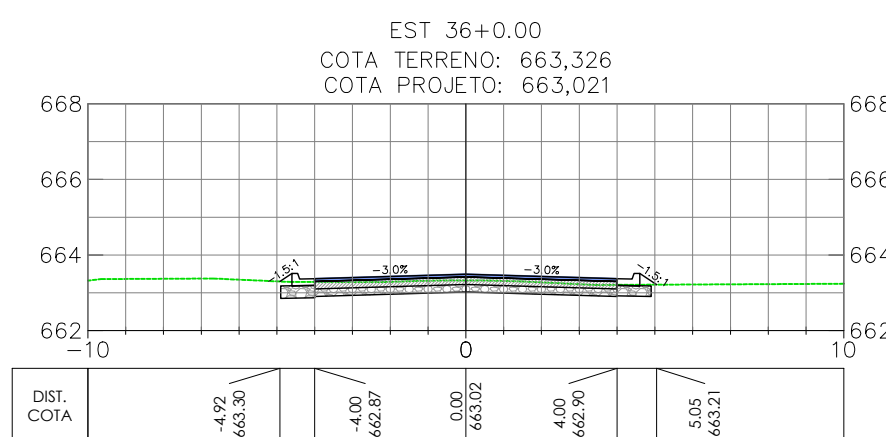
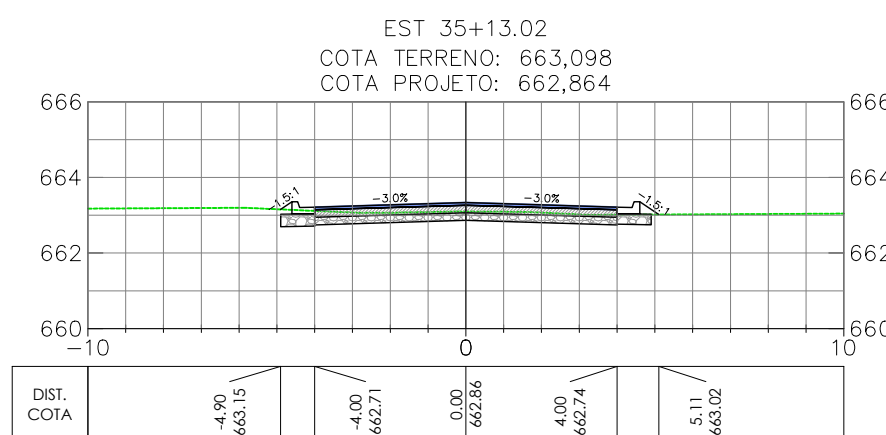
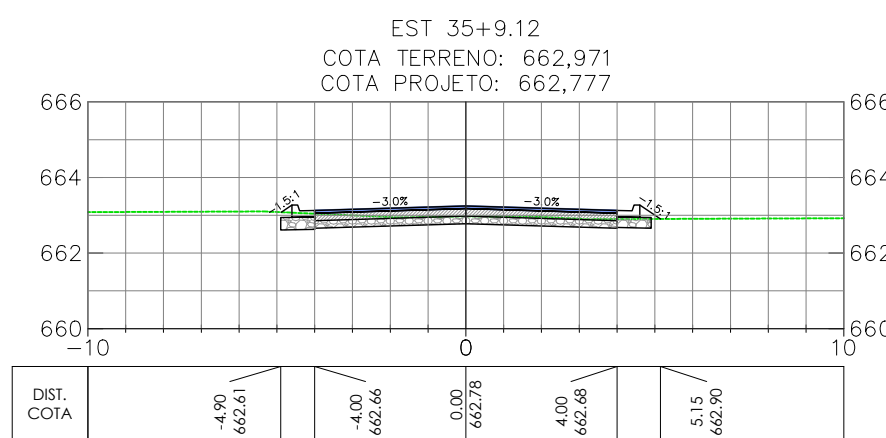
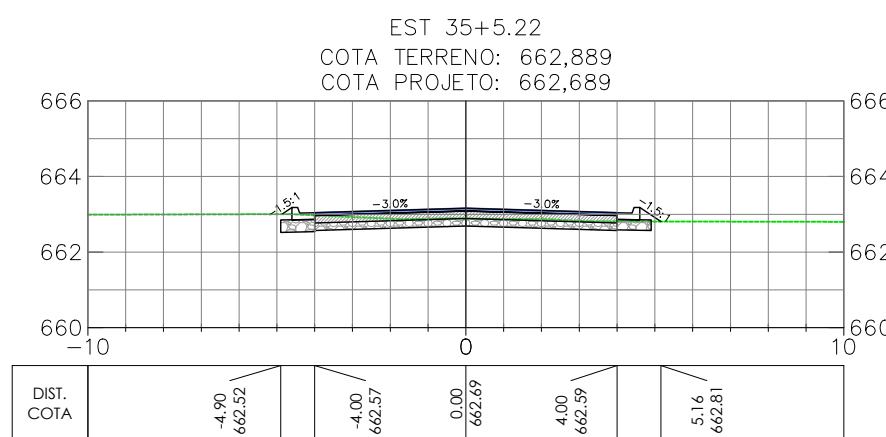
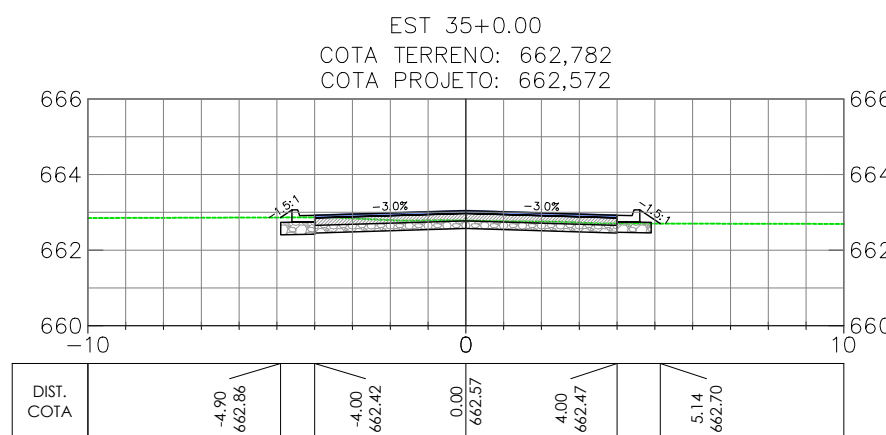
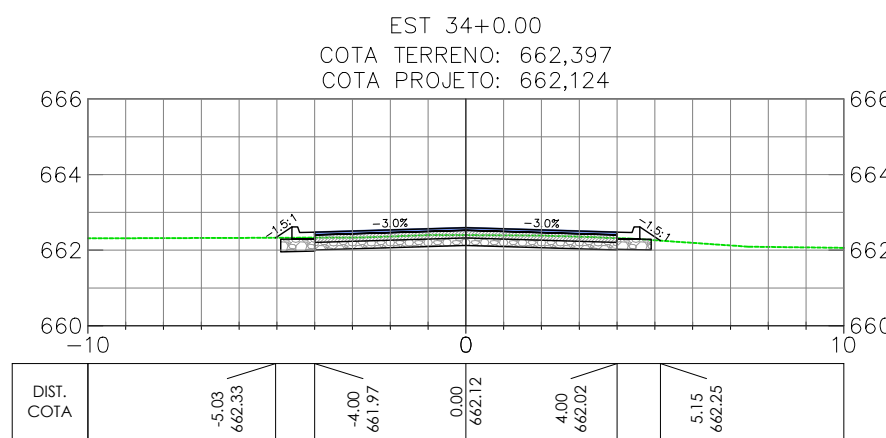
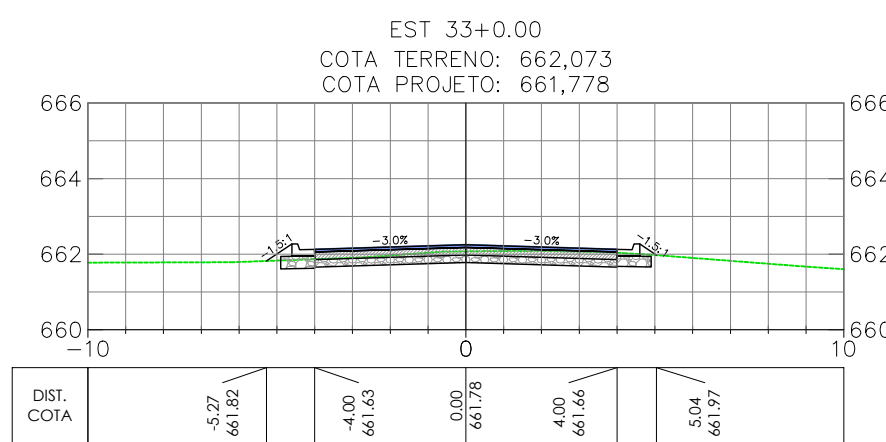
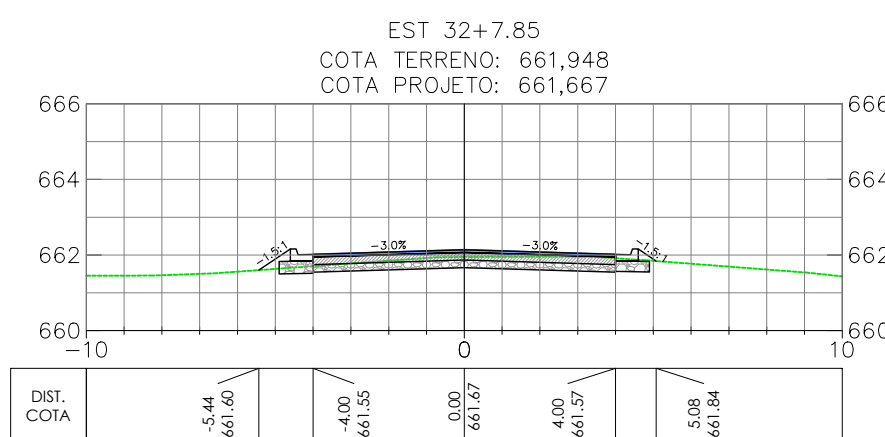
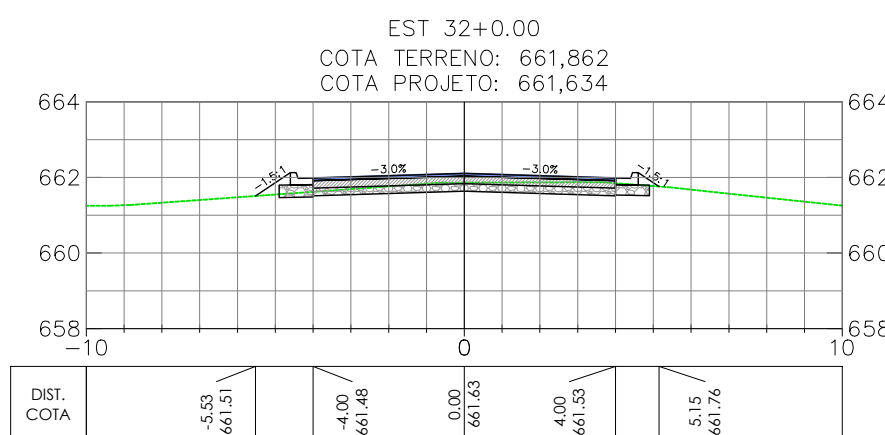
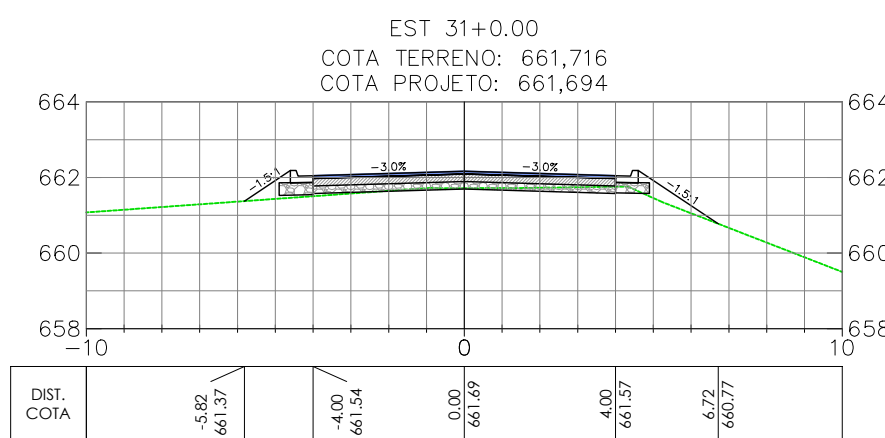
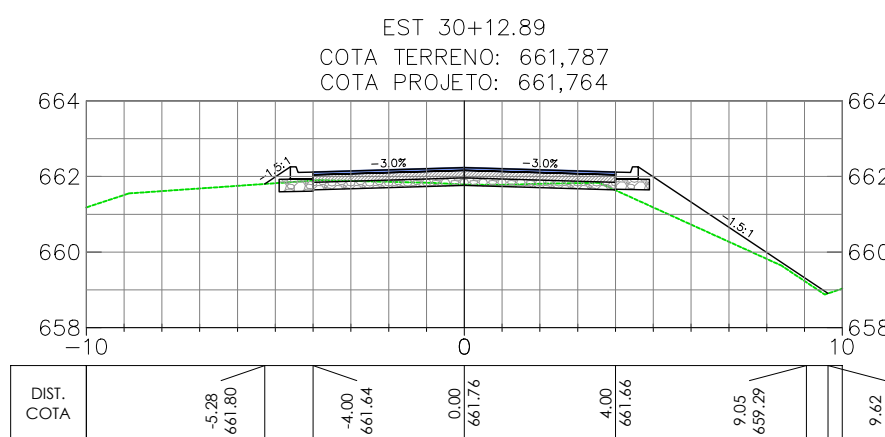
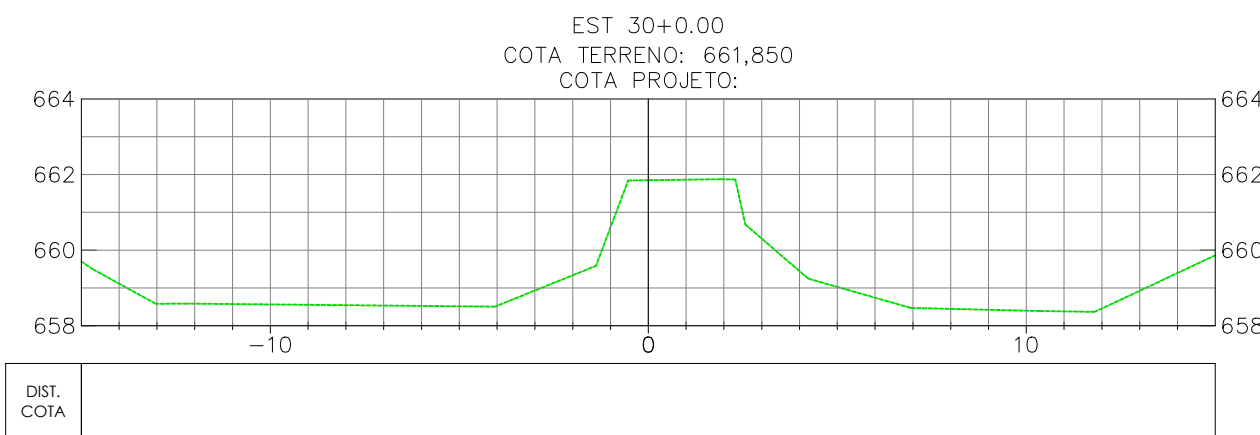
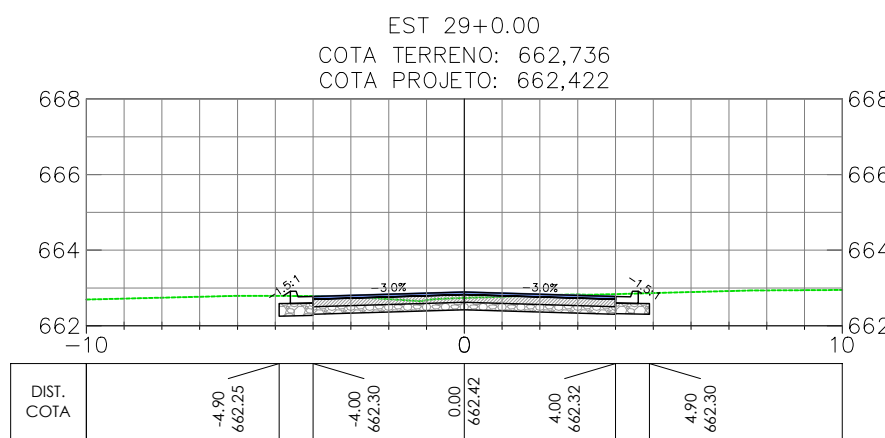
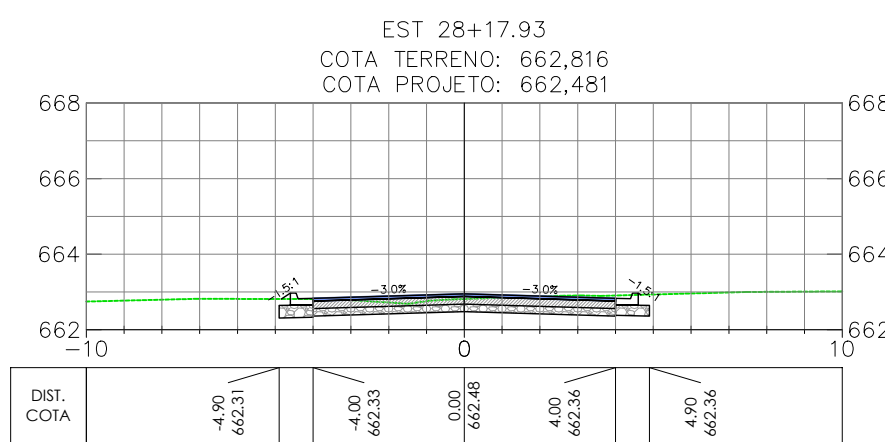
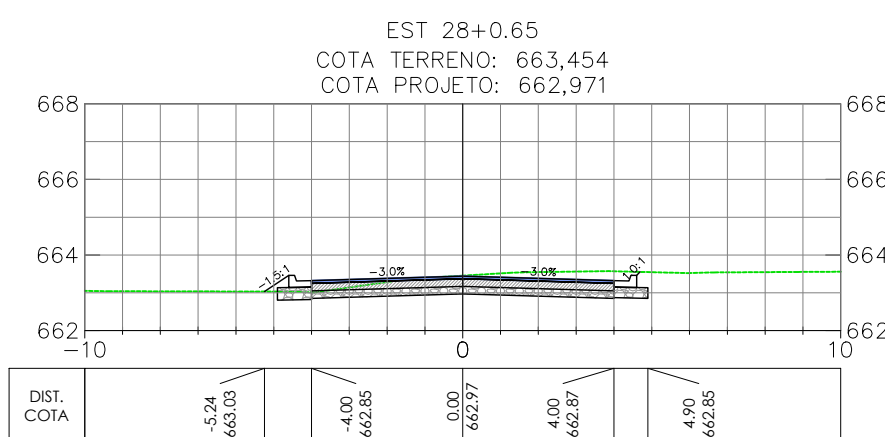
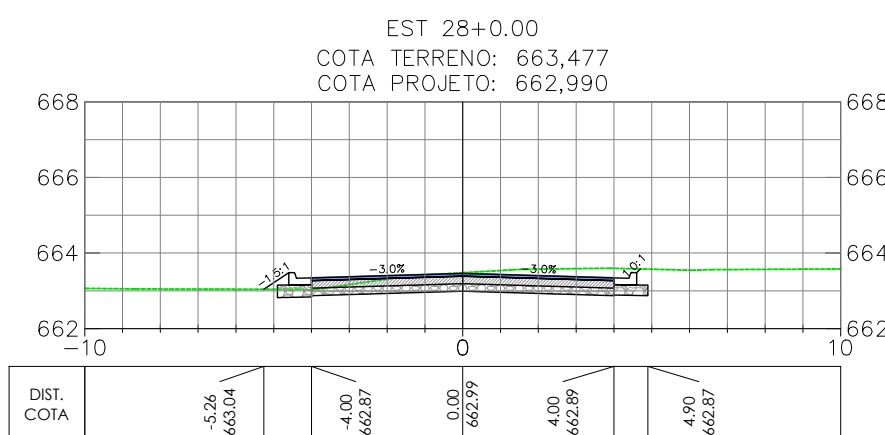
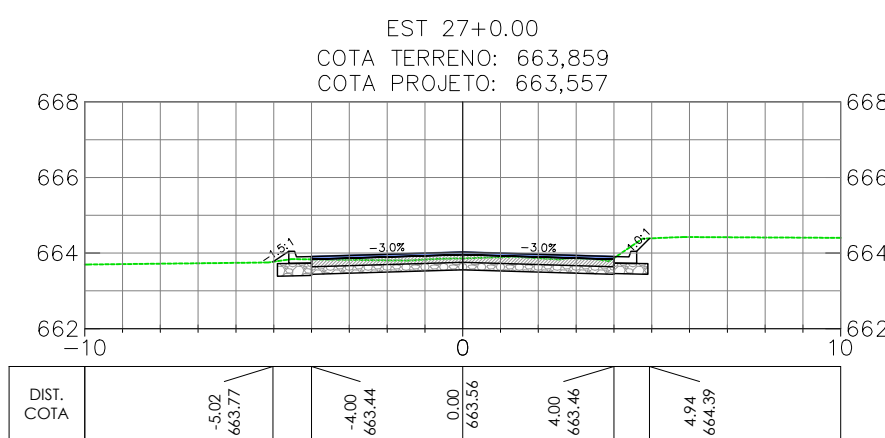
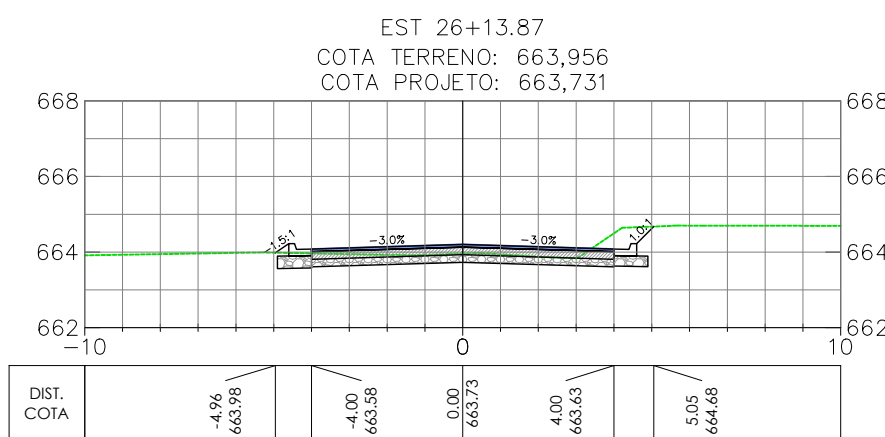
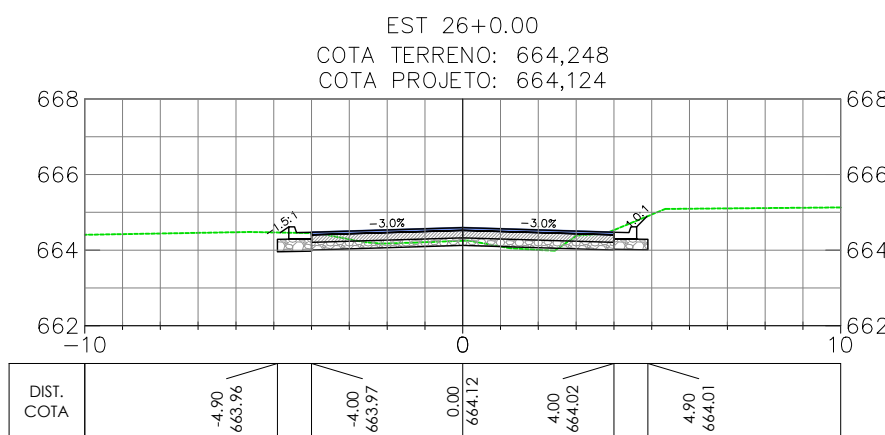
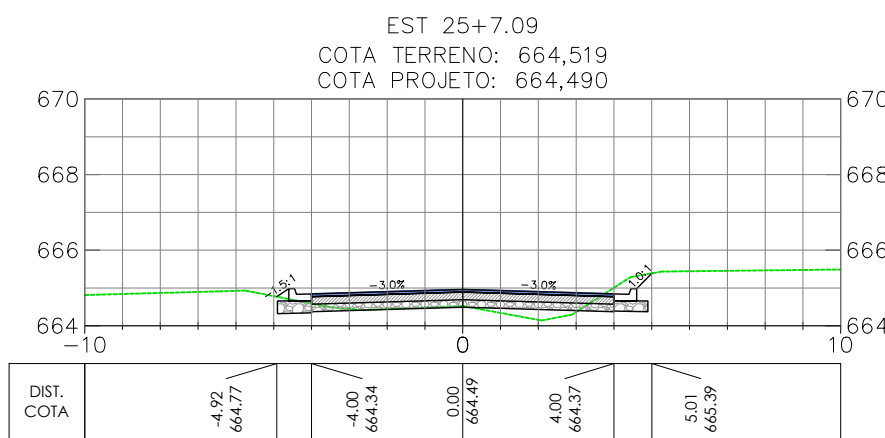
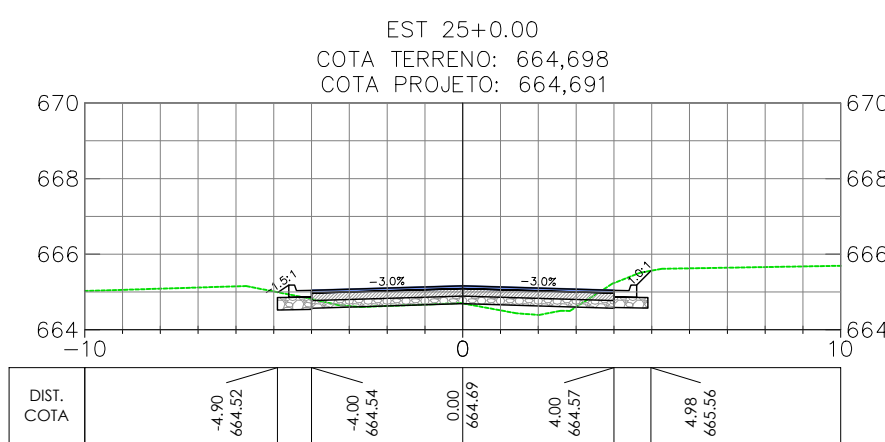
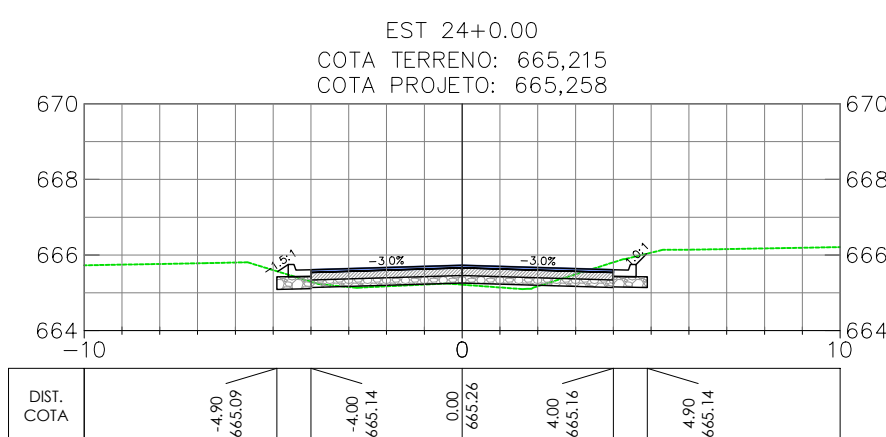
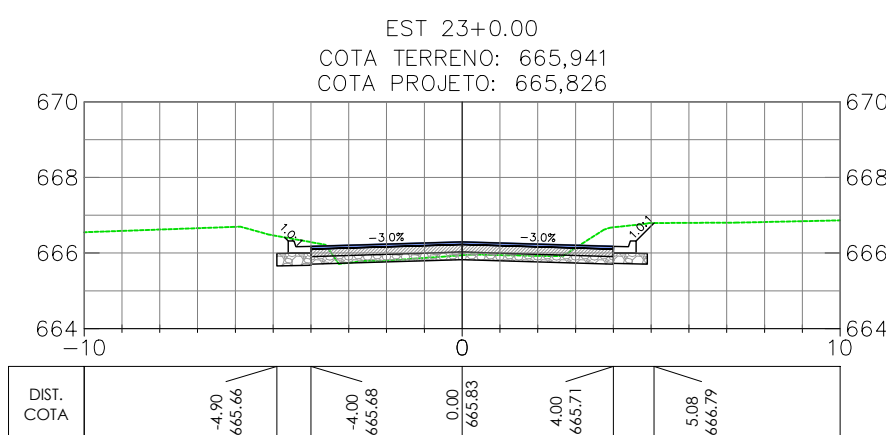
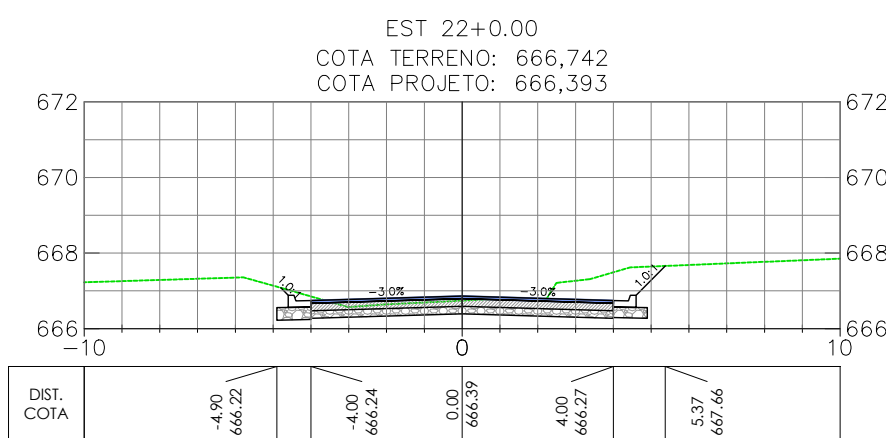
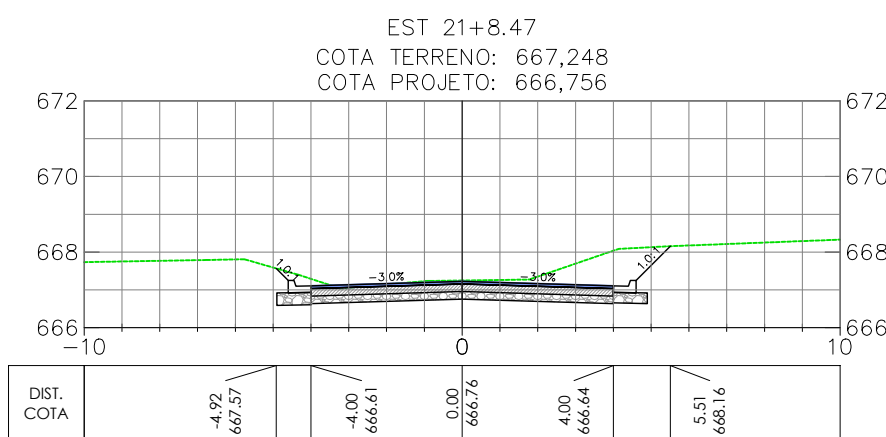
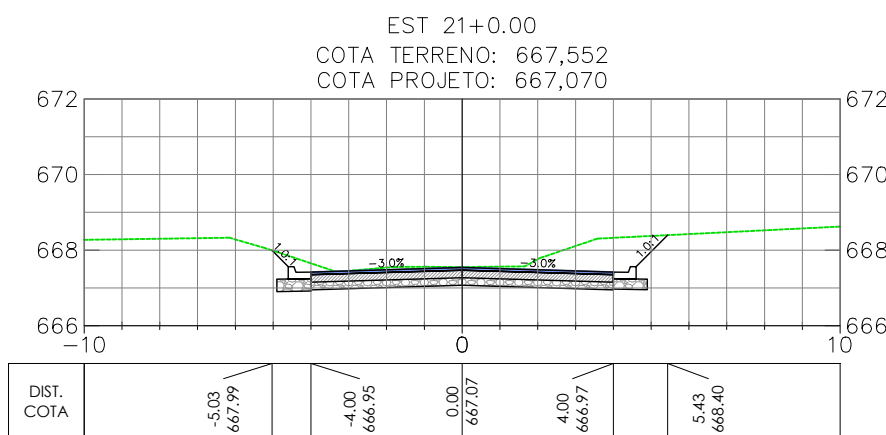
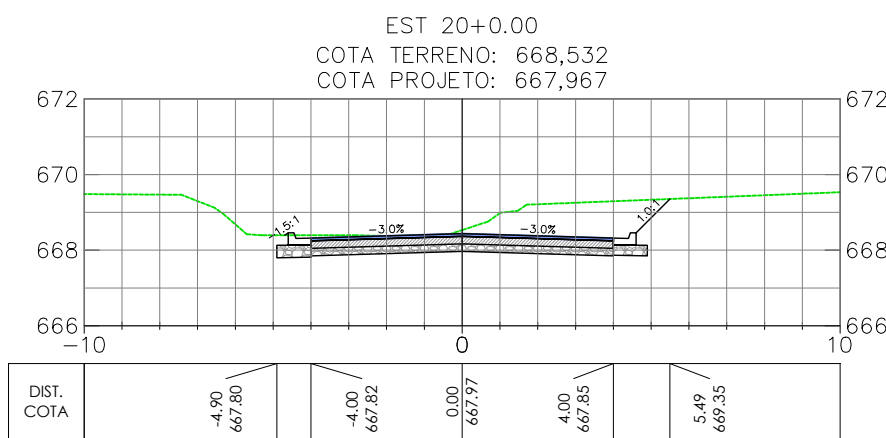
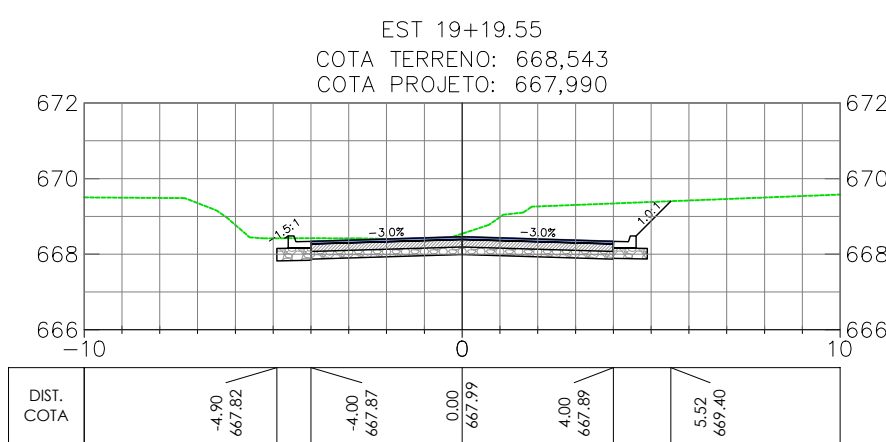
TÍTULO DOS DESENHOS: SEÇÕES TRANSVERSAIS - ANEL RODOVÁRIO (EST. 0+0.00 A EST. 19+0.00) SEÇÃO TIPO	PRINCHA: 01/39
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DIREITOS AUTORAIS RESERVADOS: PROIBIDO REPRODUÇÃO, DIVULGAÇÃO OU ALTERAÇÃO SEM CREDIA EXPRESSA DO AUTOR.

TÍTULO DOS DESENHOS:  
PRJ-EXE-TER-PRD-ARO-0181-REV02



Anel Rodoviário



OBSERVAÇÕES

- OBSERVAÇÕES GERAIS:  
1 - MEDIDAS, COORDENADAS E ELEVÇÕES EM METRO, EXCETO ONDE INDICADO  
2 - PODERÃO OCORRER AJUSTES EM CAMPO QUANDO A EXECUÇÃO DA OBRA POR DETERMINAÇÃO DA PREFEITURA.

LEGENDA

- EIXO PROJETADO  
TERRENO NATURAL

REVISÃO	DESCRIÇÃO	TIPO	ELABORADO	VERIFICADO	DATA
00	EMISSIONAL INICIAL	EXE	GMT	LGR	15/09/2021
01	REVISÃO	EXE	CLP	LGR	04/02/2022
02	REVISÃO	EXE	IFT	LGR	17/07/2022

TIPOS DE EMISSÃO	ATP - ANTEPROJETO BSC - BÁSICO EXE - EXECUTIVO	APV - APROVADO PCT - P/ CONSTRUÇÃO ASB - "AS BUILT"	CNC - CANCELADO
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**OBJETIVA** OBJETIVA PROJETOS E SERVIÇOS  
ALAMEDA OSCAR NIEMAYER, Nº500, SALA 505 - VALE DO SERENO  
NOVA LIMA-MG - CEP: 34.006-056  
TEL.: (31) 3347-4405 / (31) 3347-7079 / (31) 3571-1920  
EMAIL: contata@grupoprojetosengenharia.com.br



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PRÇA RMA ALBUQUERQUE, Nº45 - CENTRO  
BOM DESPACHO-MG - CEP: 35.600-000  
TEL: 0800 285 9797

PROJETO DE INFRAESTRUTURA

ANEL RODOVIÁRIO LIGAÇÃO ENTRE BR-262 E MG-164, BOM DESPACHO-MG

PROJETO DE TERRAPLENAGEM

AUTORIA DO PROJETO:	CONTRATANTE DO PROJETO:
JULIANA GONÇALVES OLIVEIRA CREA MG - 239787/D	RESPONSÁVEL DA CONTRATANTE

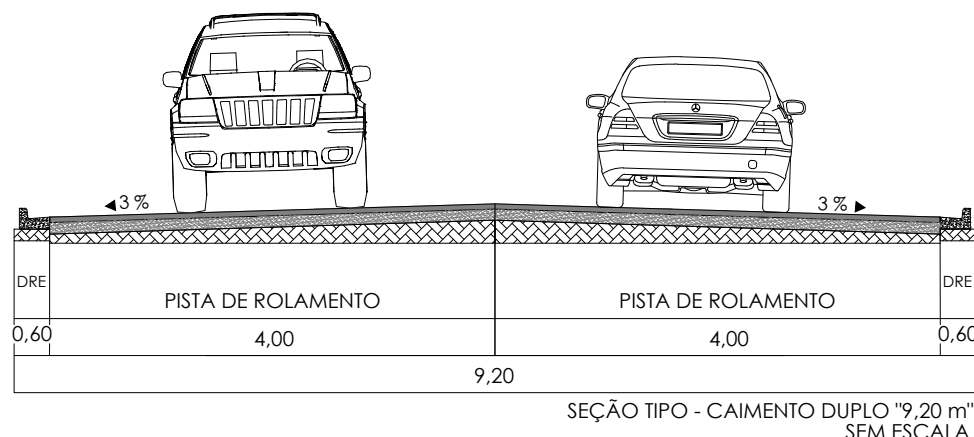
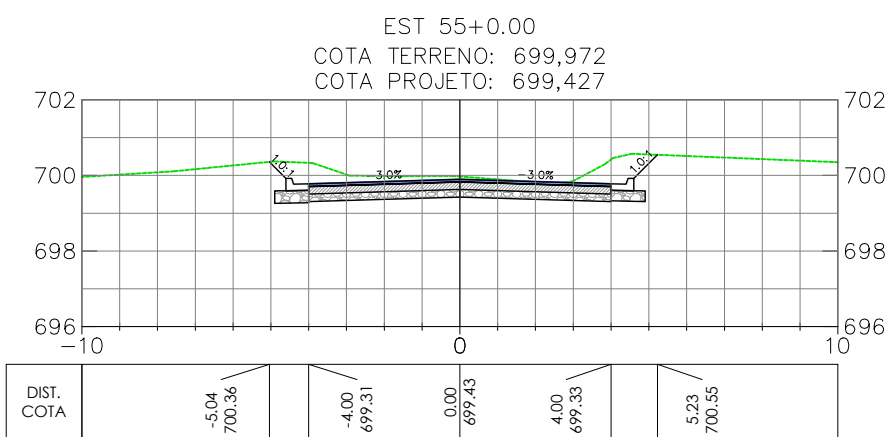
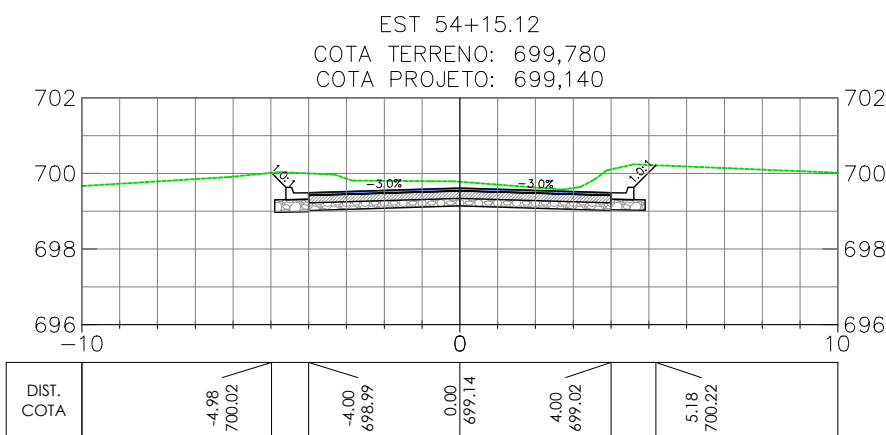
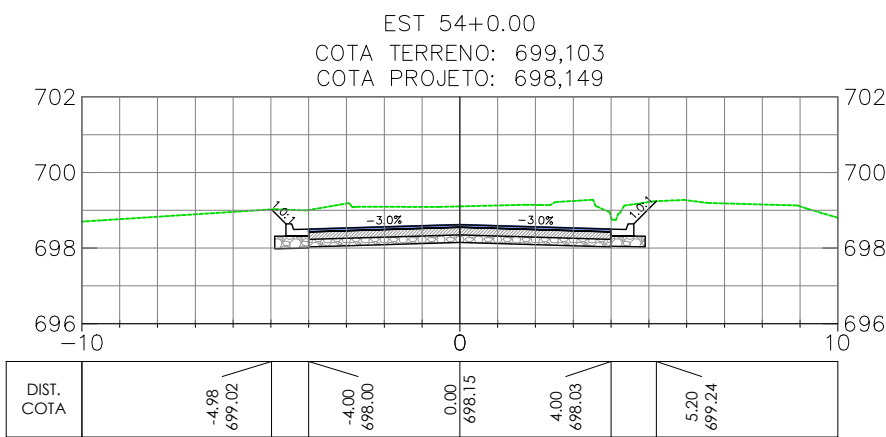
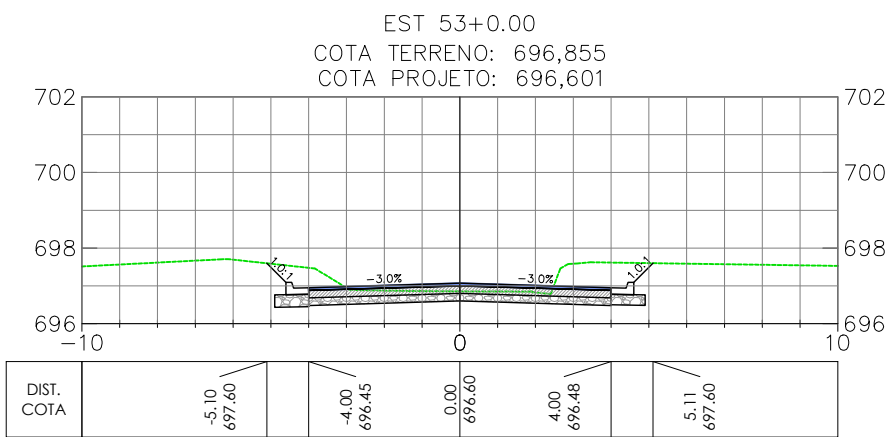
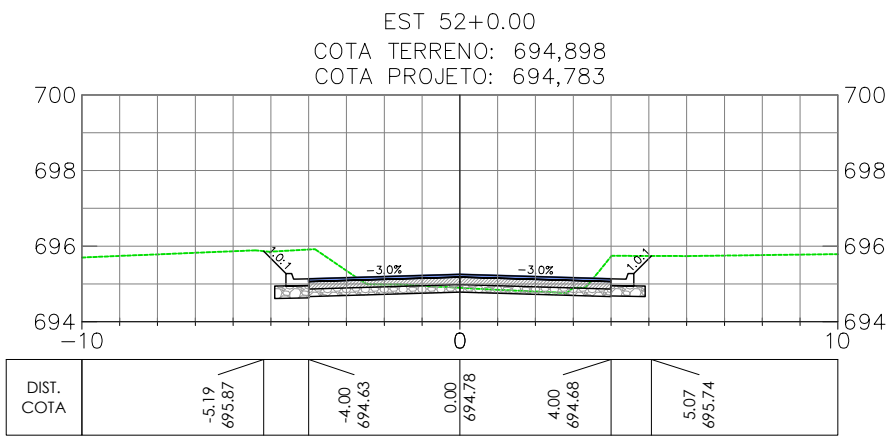
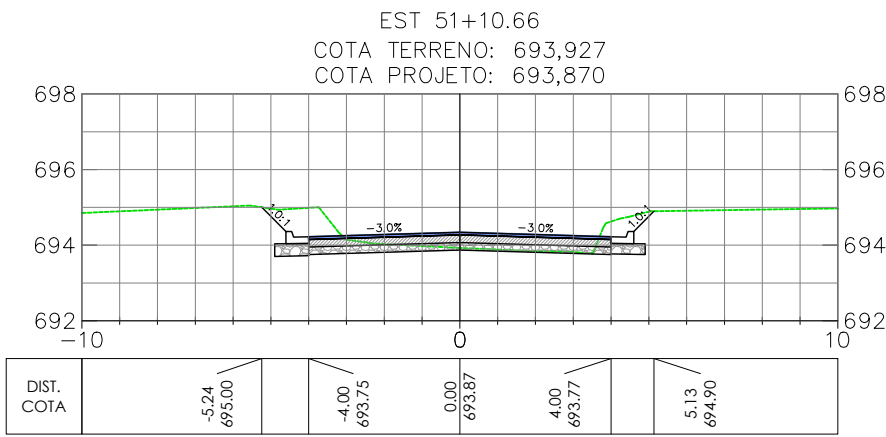
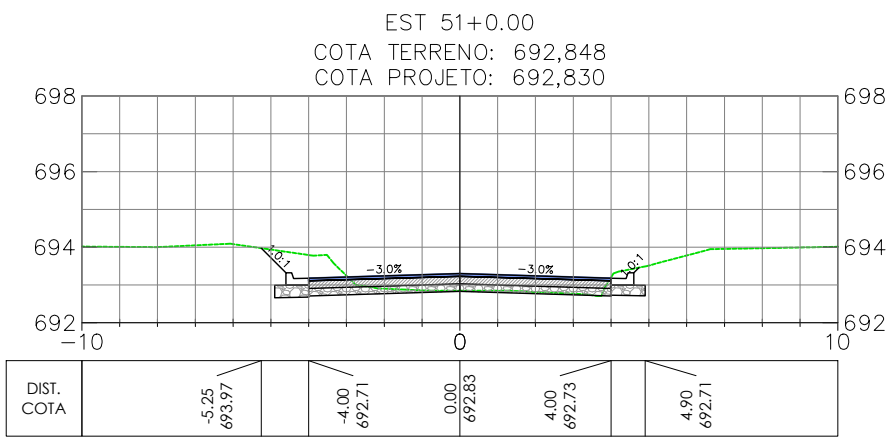
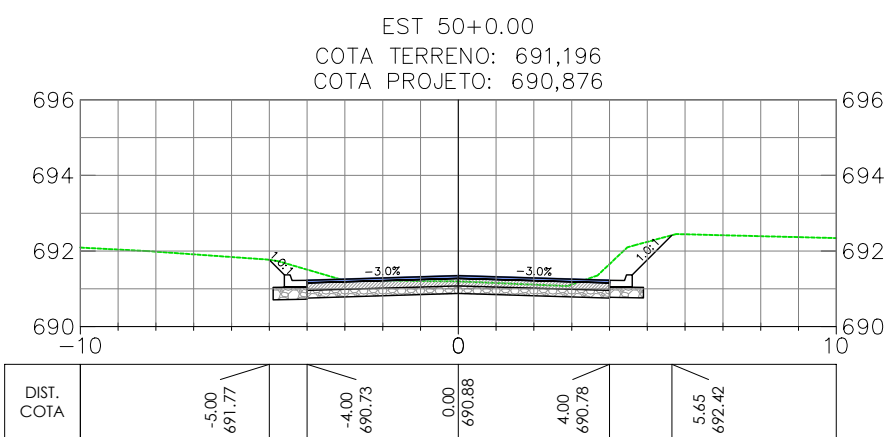
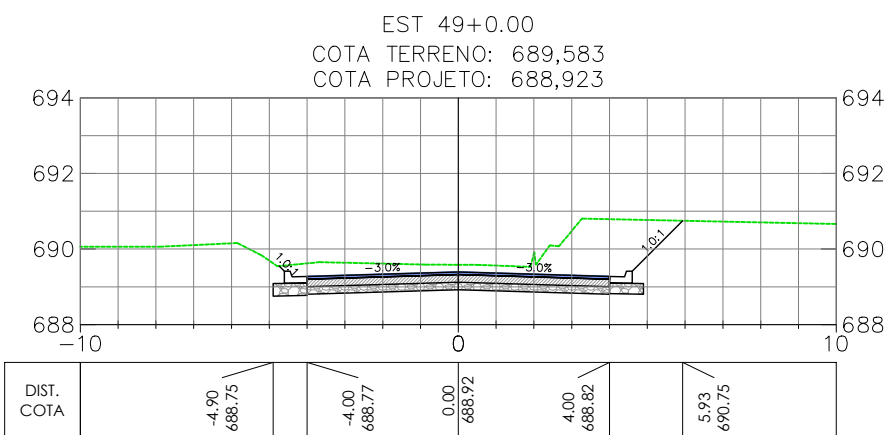
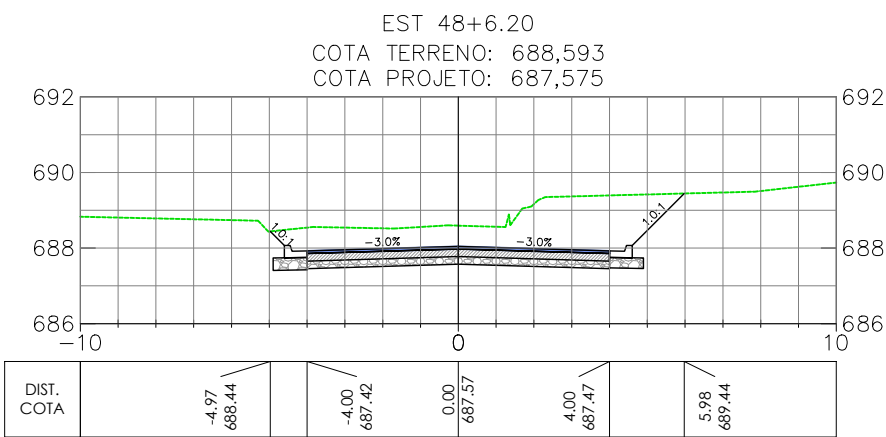
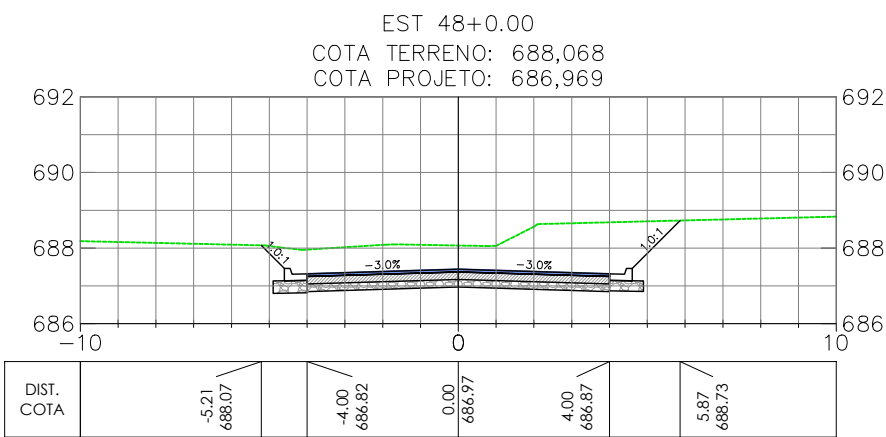
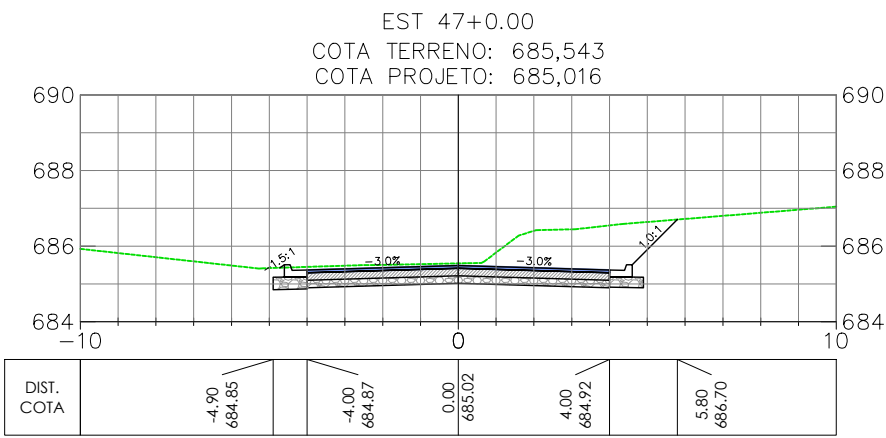
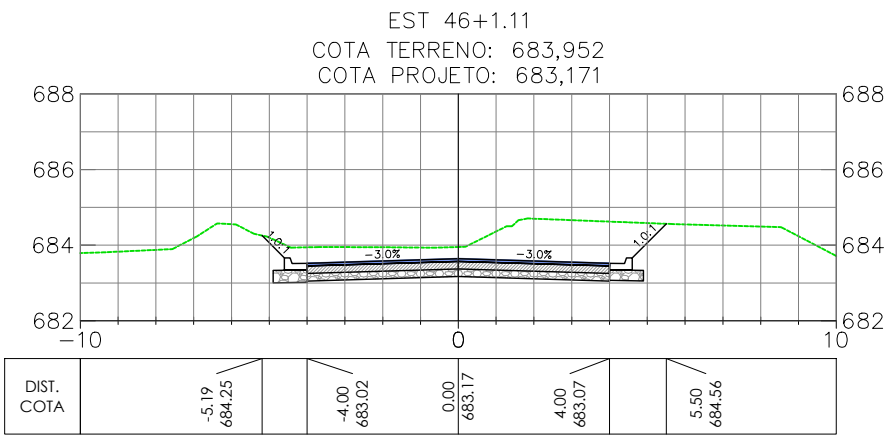
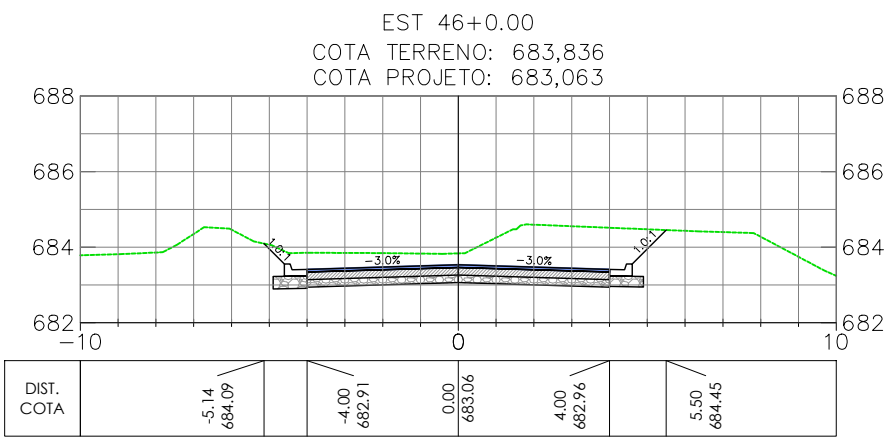
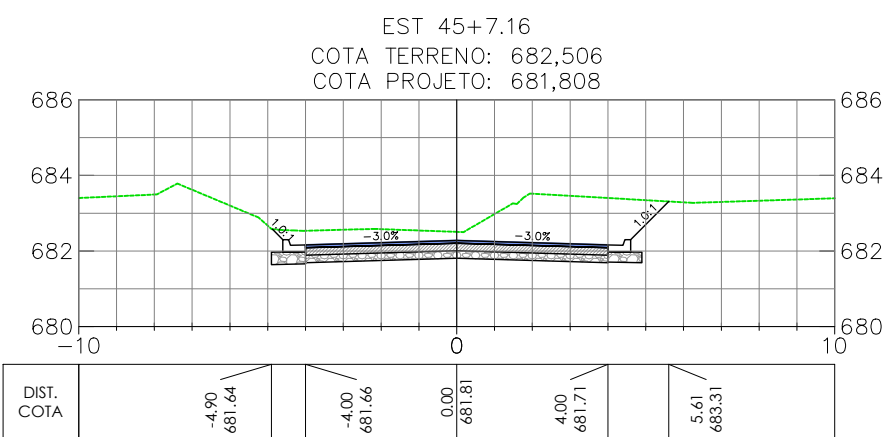
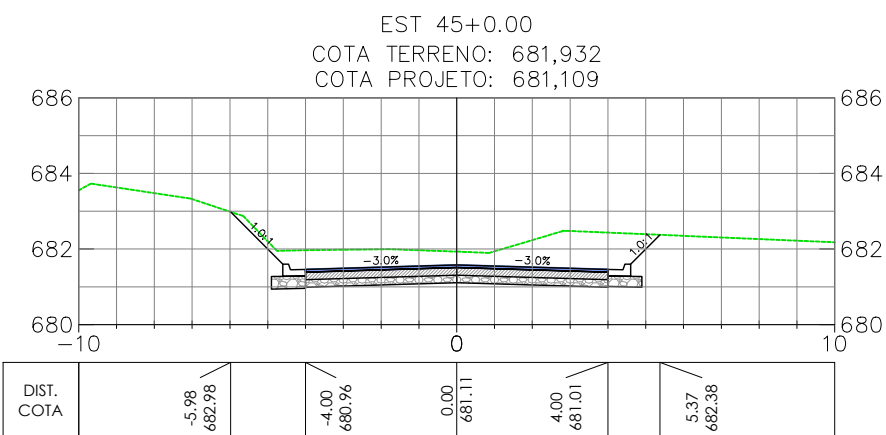
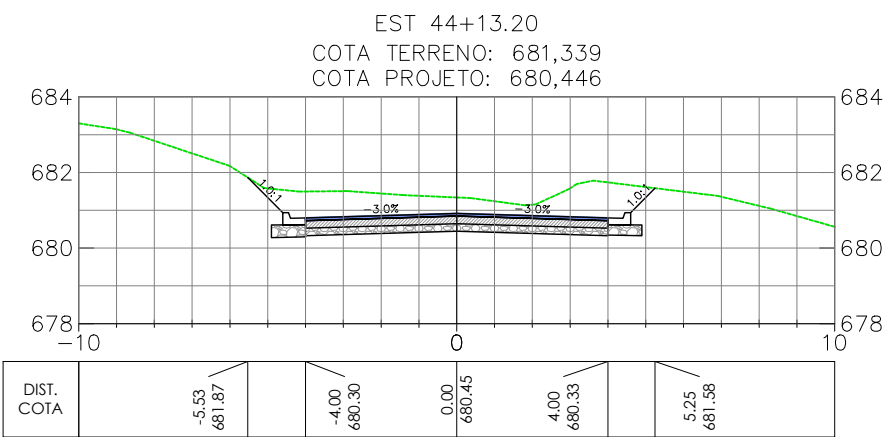
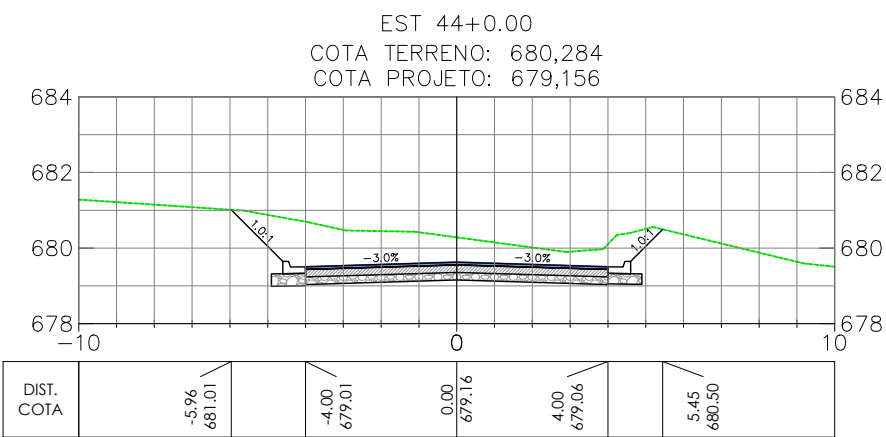
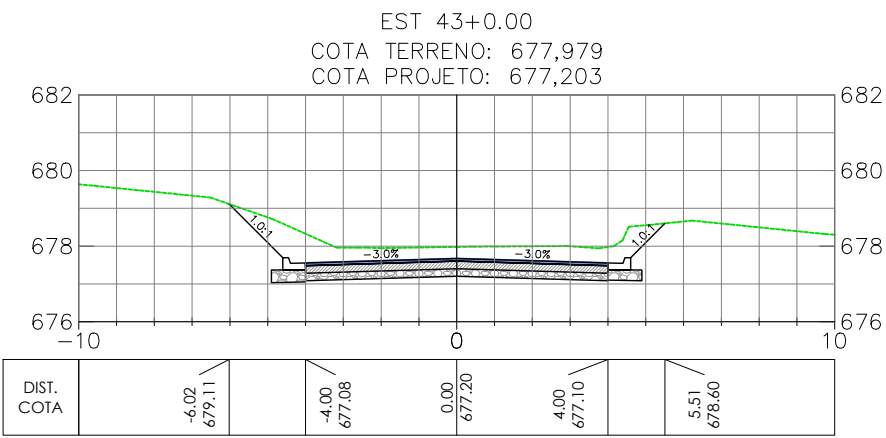
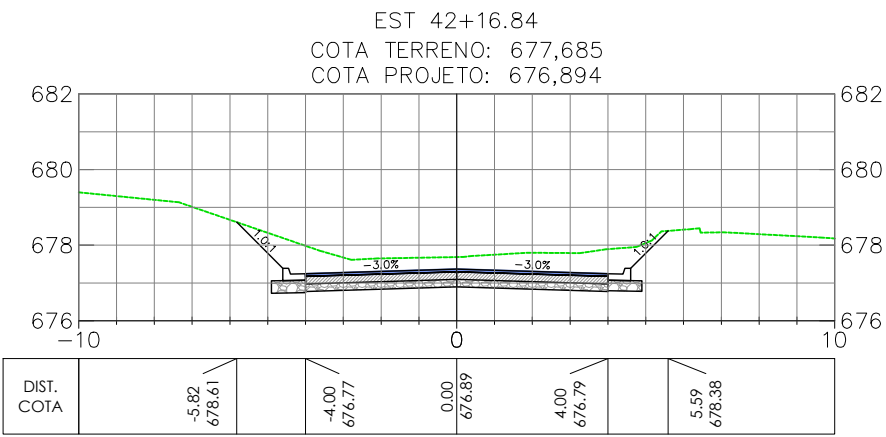
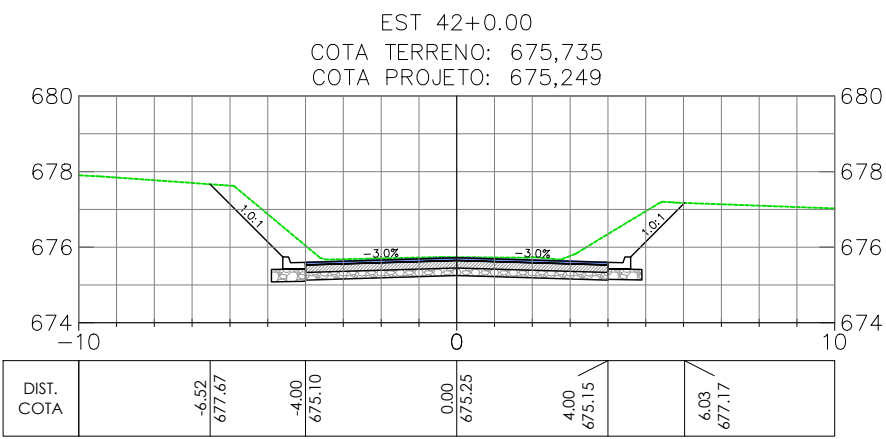
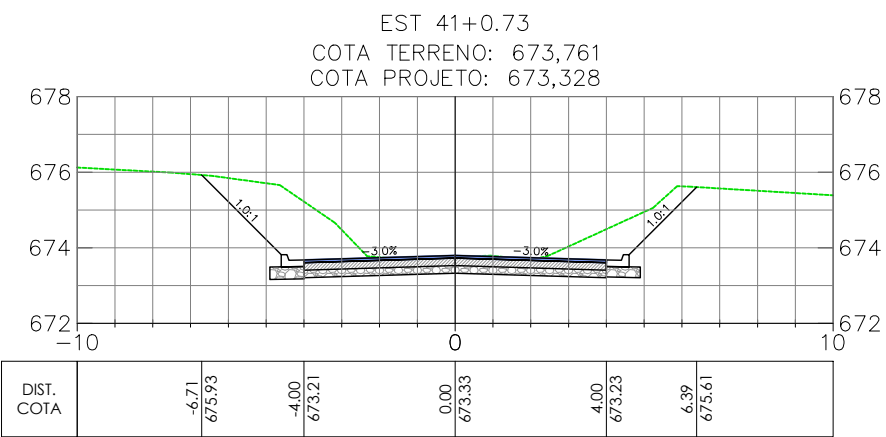
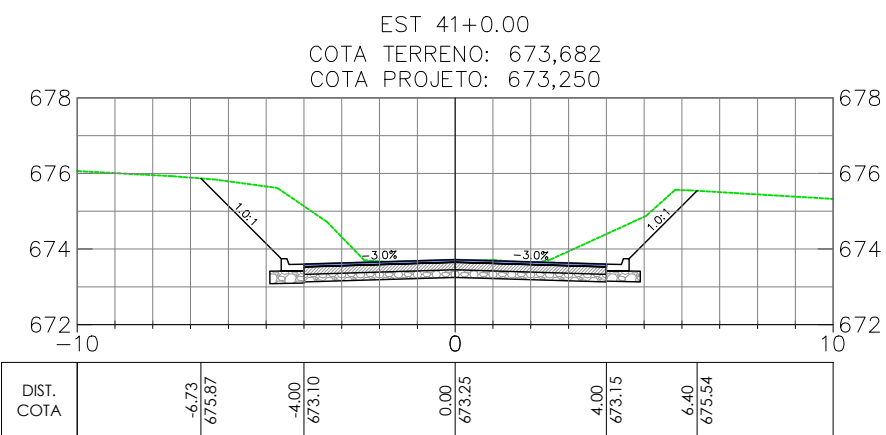
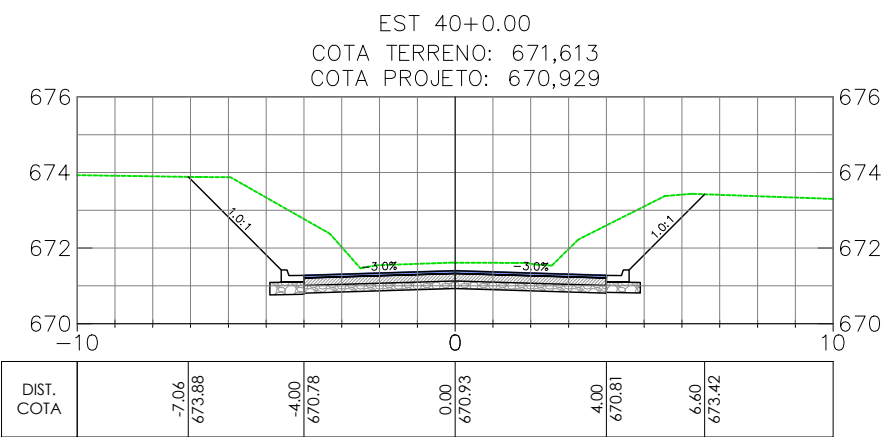
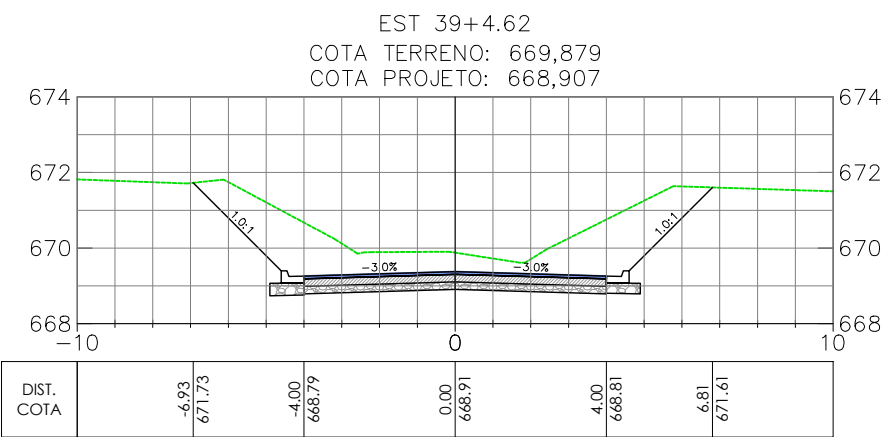
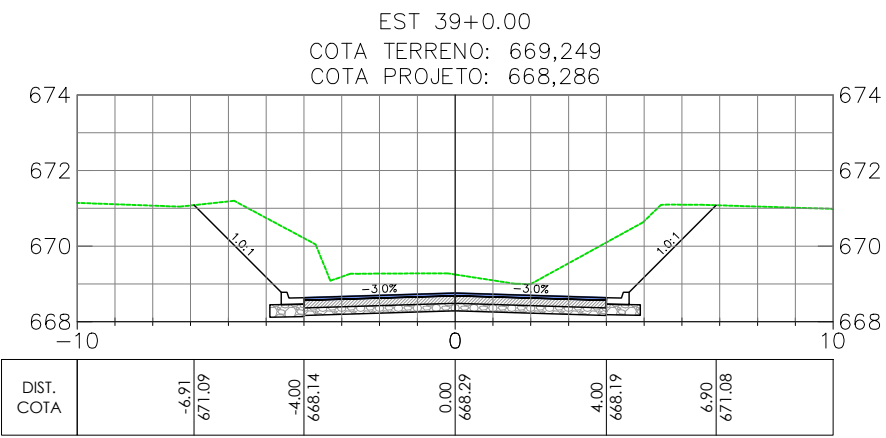
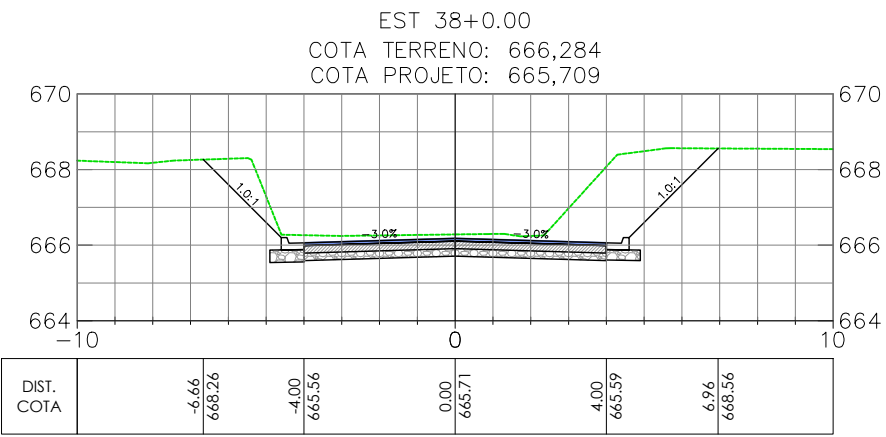
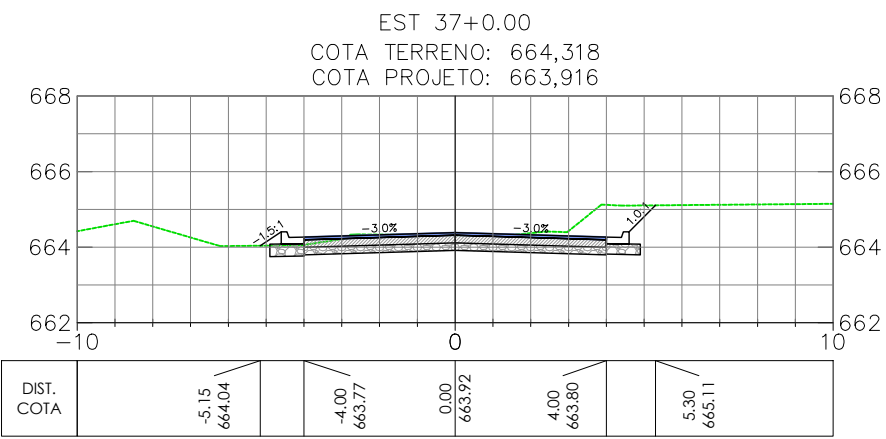
DATA: JULHO/2022	ESCALA: 1:200	CÓDIGO: PRJ-TER
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TÍTULO DOS DESENHOS: SEÇÕES TRANSVERSAIS - ANEL RODOVIÁRIO (EST. 19+19.55 A EST. 36+0.00) SEÇÃO TIPO	PRANCHAS: 02/39
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DIREITOS AUTORAIS RESERVADOS: PROIBIDO REPRODUÇÃO, DIVULGAÇÃO OU ALTERAÇÃO SEM ORDEM EXPRESSA DO AUTOR. TÍTULO DOS DESENHOS: PRJ-EXE-TER-P80-ARQ-0181-REV02



Anel Rodoviário



OBSERVAÇÕES

- OBSERVAÇÕES GERAIS:
- 1 - MEDIDAS, COORDENADAS E ELEVÇÕES EM METRO, EXCETO ONDE INDICADO
  - 2 - PODERÃO OCORRER AJUSTES EM CAMPO QUANDO A EXECUÇÃO DA OBRA POR DETERMINAÇÃO DA PREFEITURA.

LEGENDA

- EIXO PROJETADO  
TERRENO NATURAL

REVISÃO	DESCRIÇÃO	TIPO	ELABORADO	VERIFICADO	DATA
00	EMIÇÃO INICIAL	EXE	GMT	LGR	15/09/2021
01	REVISÃO	EXE	CLP	LGR	04/02/2022
02	REVISÃO	EXE	IFT	LGR	09/08/2022

TIPOS DE EMISSÃO	ATP - ANTEPROJETO BSC - BÁSICO EXE - EXECUTIVO	APV - APROVADO PCT - P/ CONSTRUÇÃO ASB - "AS BUILT"	CNC - CANCELADO
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**OBJETIVA** OBJETIVA PROJETOS E SERVIÇOS

ALAMEDA OSCAR NIEMAYER, Nº500, SALA 505 - VALE DO SERENO  
NOVA LIMA-MG - CEP: 34.008-056  
TEL.: (31) 3347-4405 / (31) 3347-7079 / (31) 3571-1920  
EMAIL: contata@grupoprojetosengenharia.com.br

**PREFEITURA MUNICIPAL DE BOM DESPACHO**

PRÇA RMA ALBUQUERQUE, Nº45 - CENTRO  
BOM DESPACHO-MG - CEP: 35.600-000  
TEL: 0800 285 9797

PROJETO DE INFRAESTRUTURA

ANEL RODOVIÁRIO LIGAÇÃO ENTRE BR-262 E MG-164, BOM DESPACHO-MG

PROJETO DE TERRAPLENAGEM

AUTORIA DO PROJETO:	CONTRATANTE DO PROJETO:
JULIANA GONÇALVES OLIVEIRA CREA MG - 239787/D	RESPONSÁVEL DA CONTRATANTE

DATA: JULHO/2022	ESCALA: 1:200	CÓDIGO: PRJ-TER
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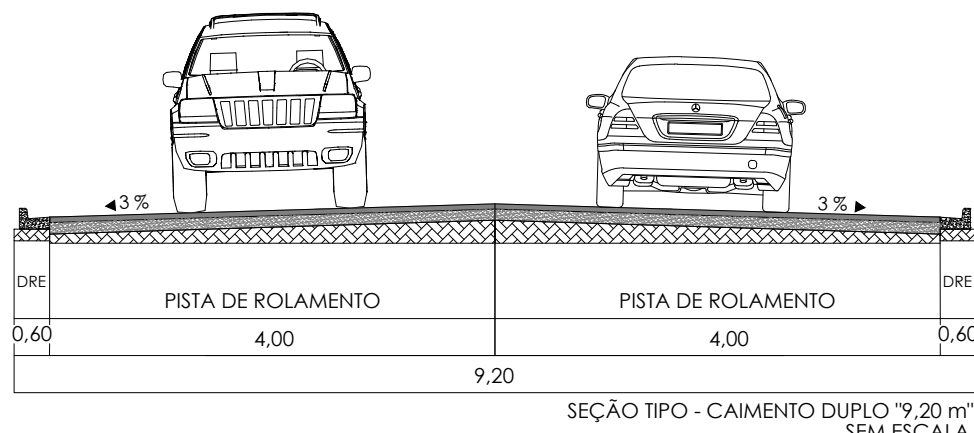
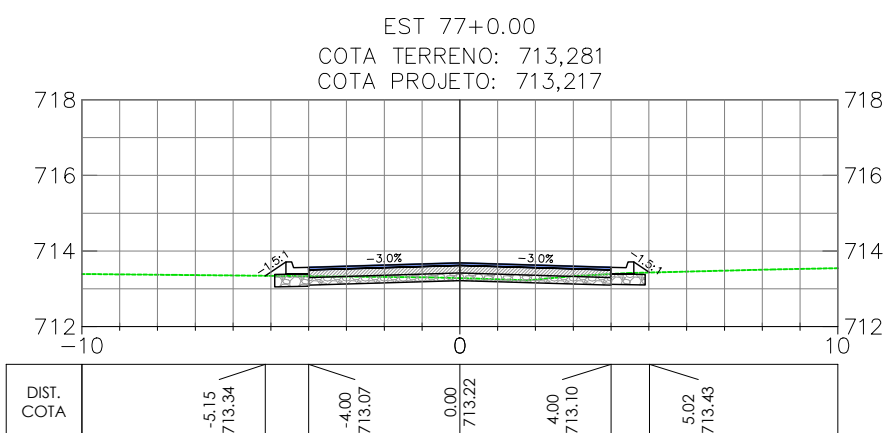
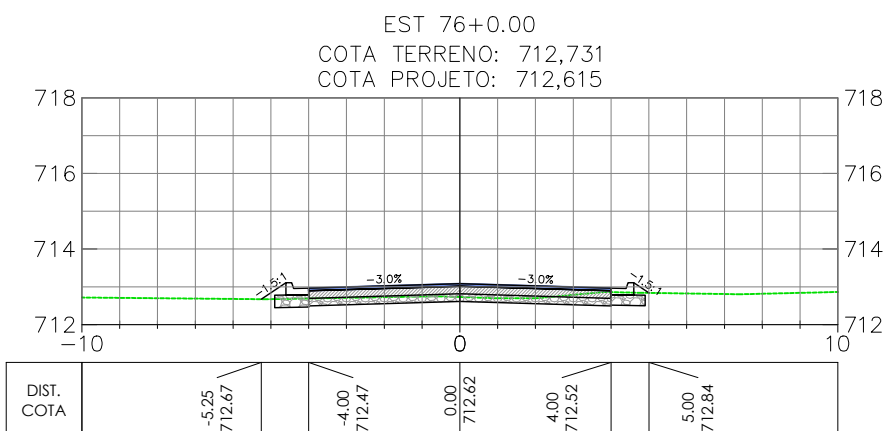
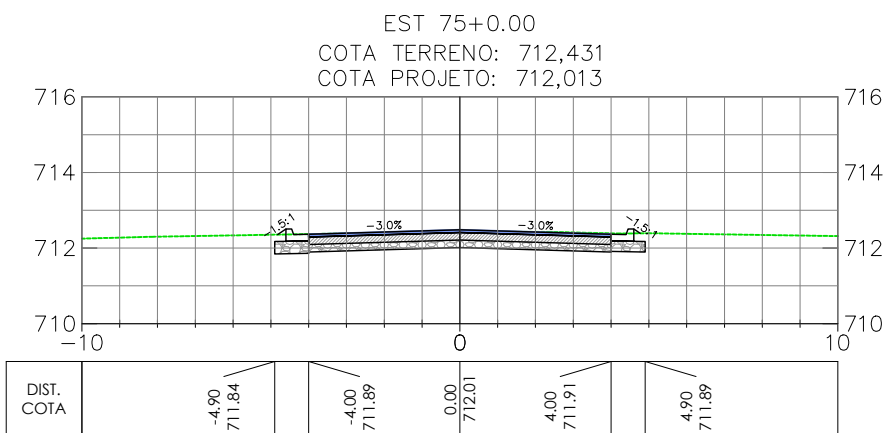
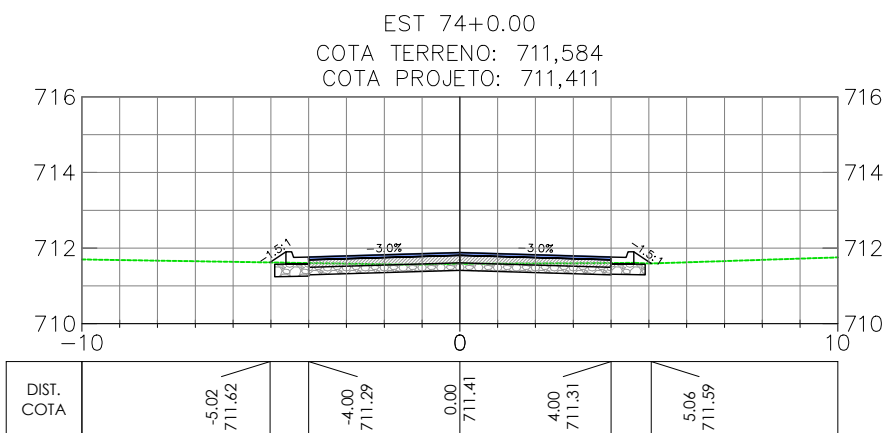
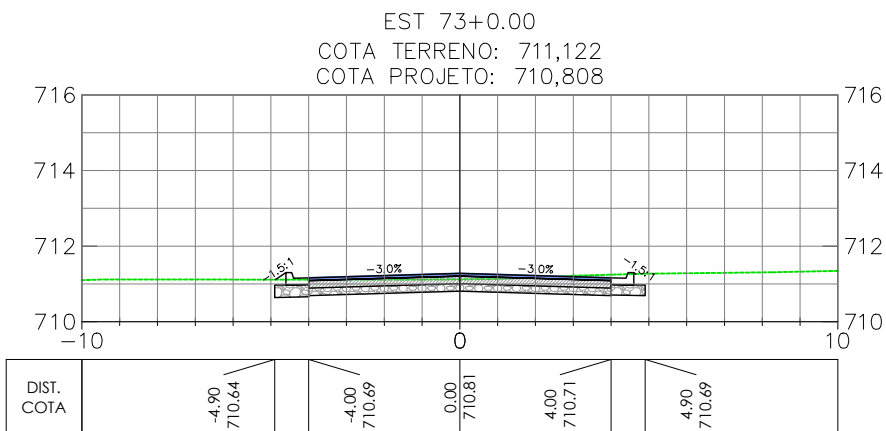
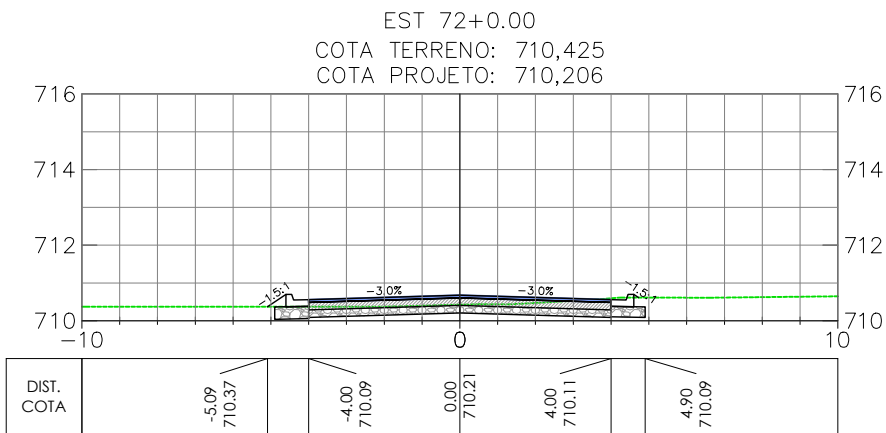
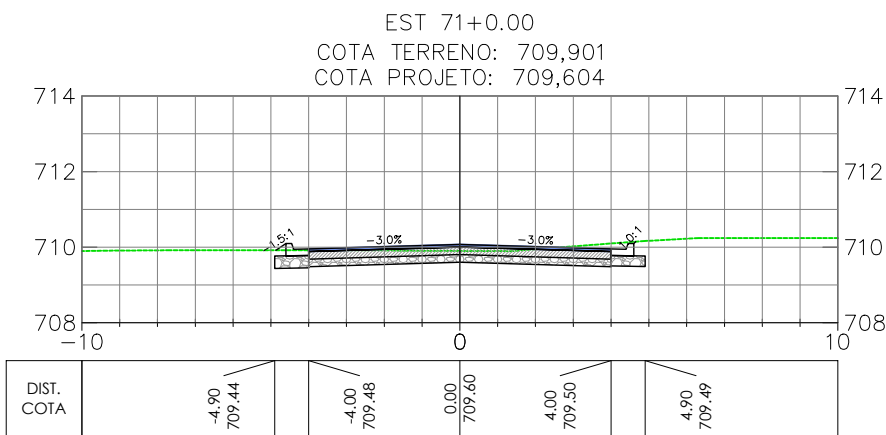
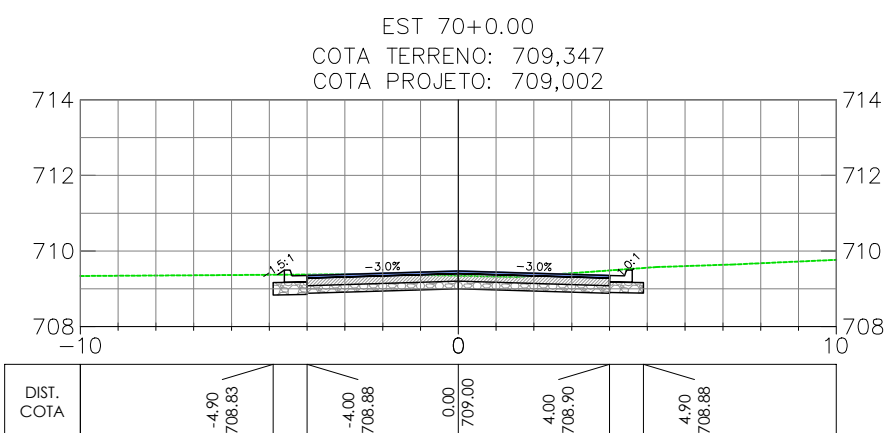
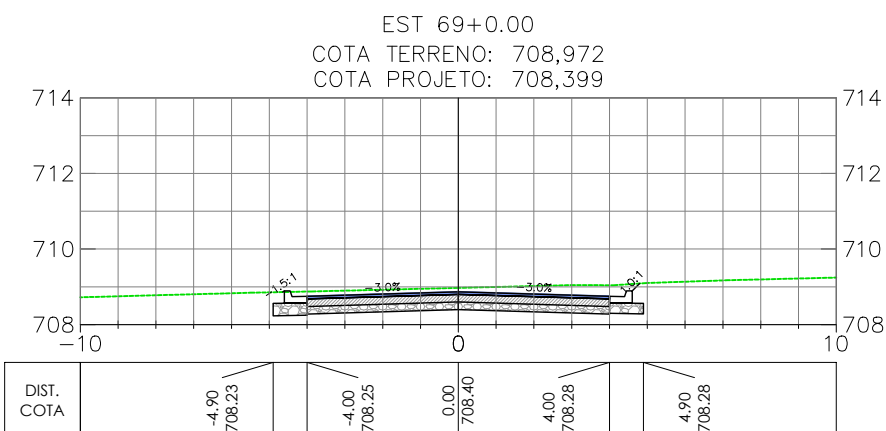
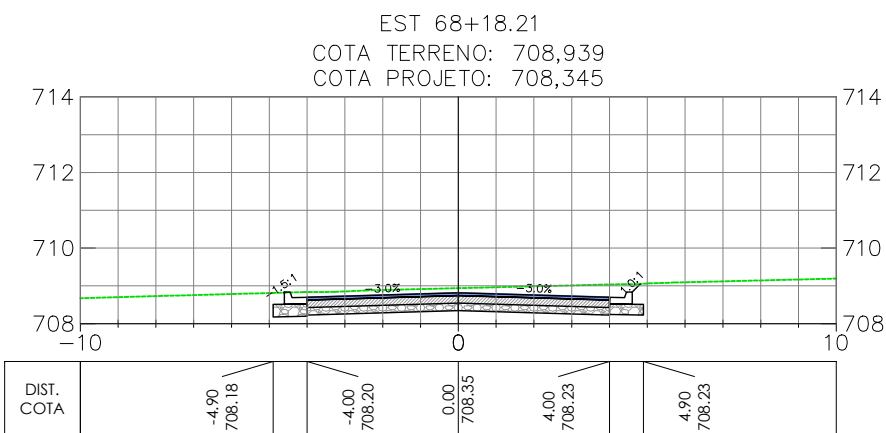
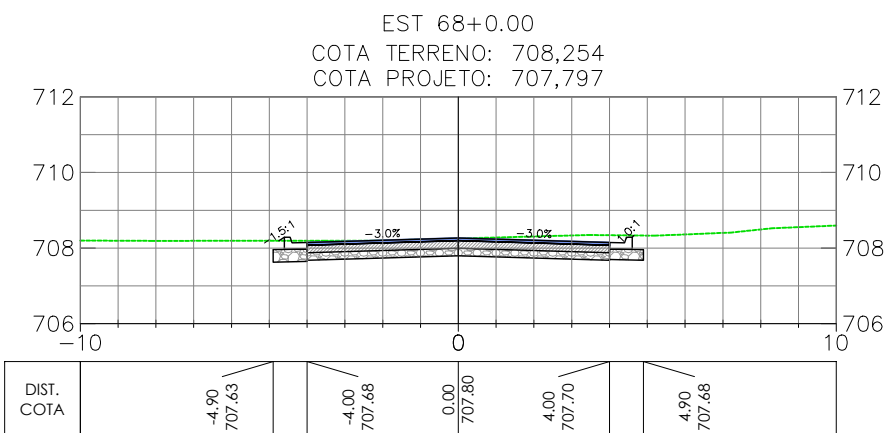
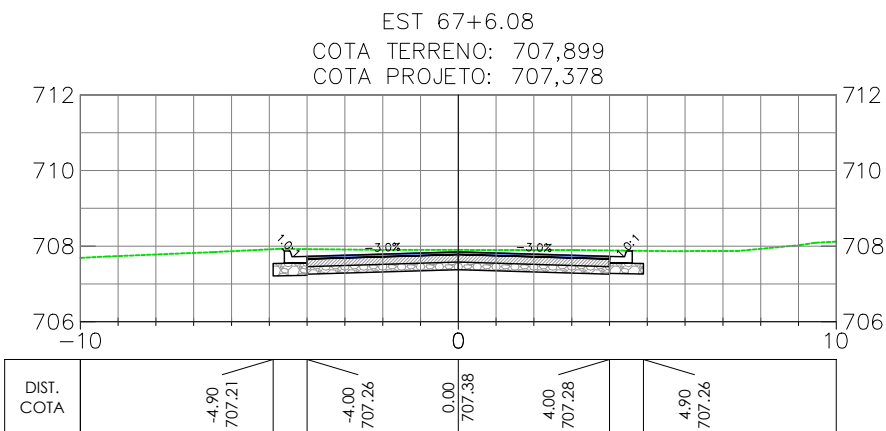
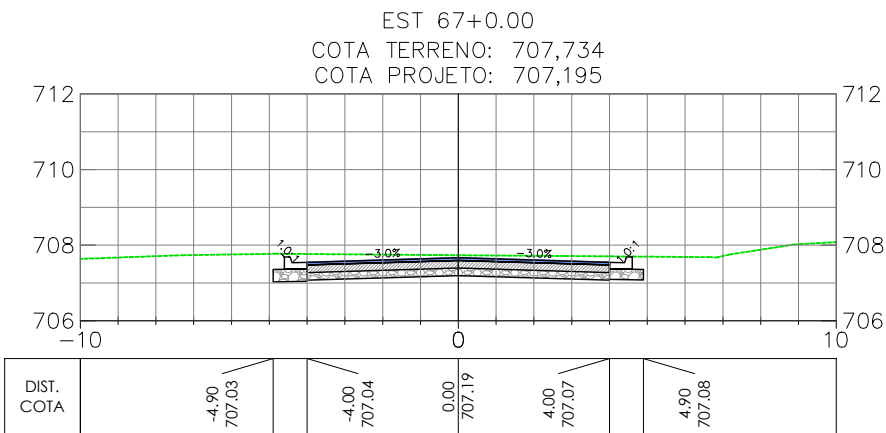
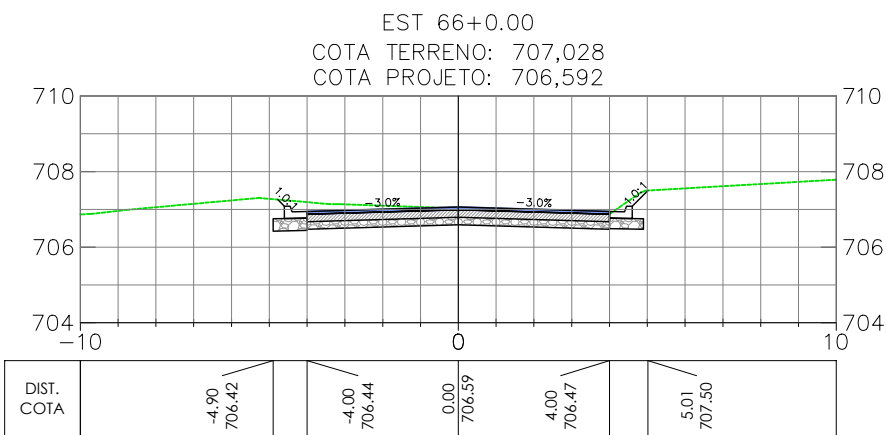
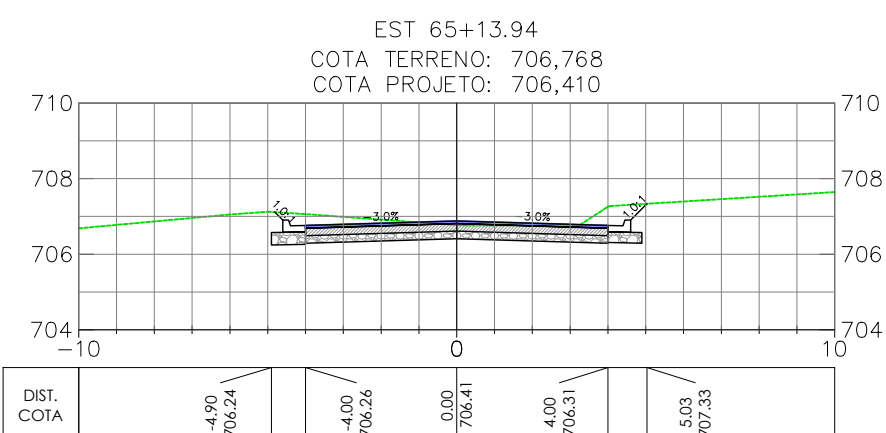
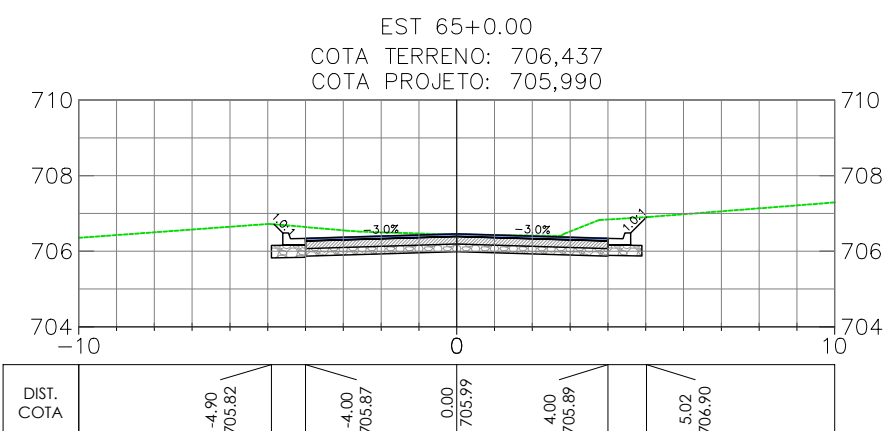
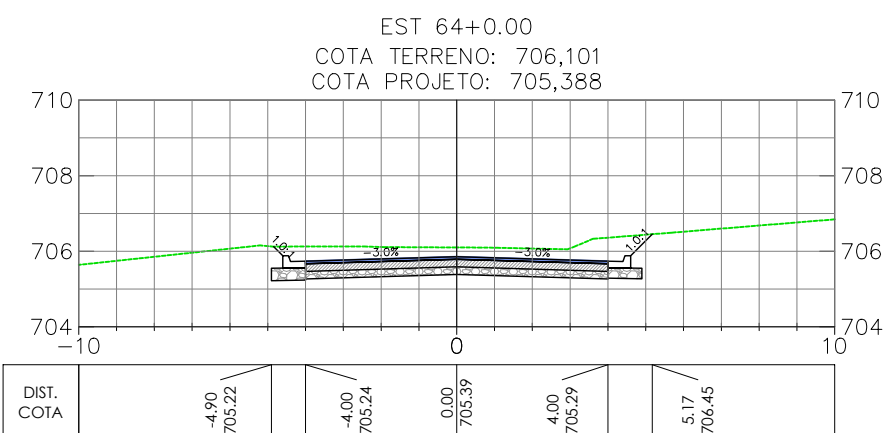
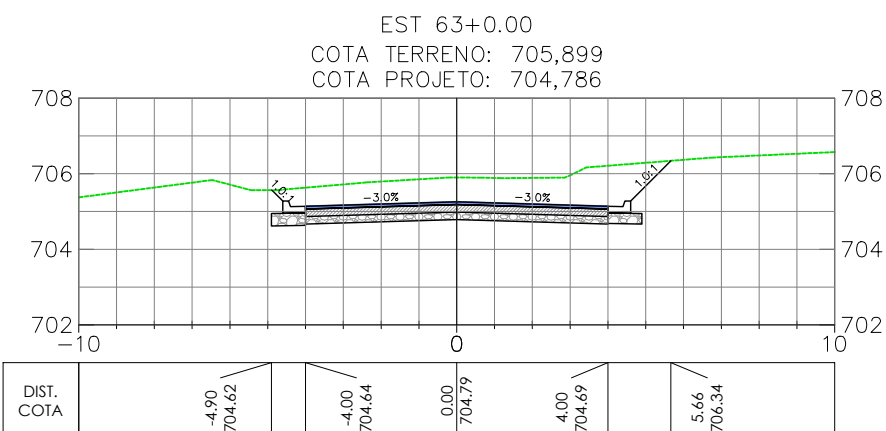
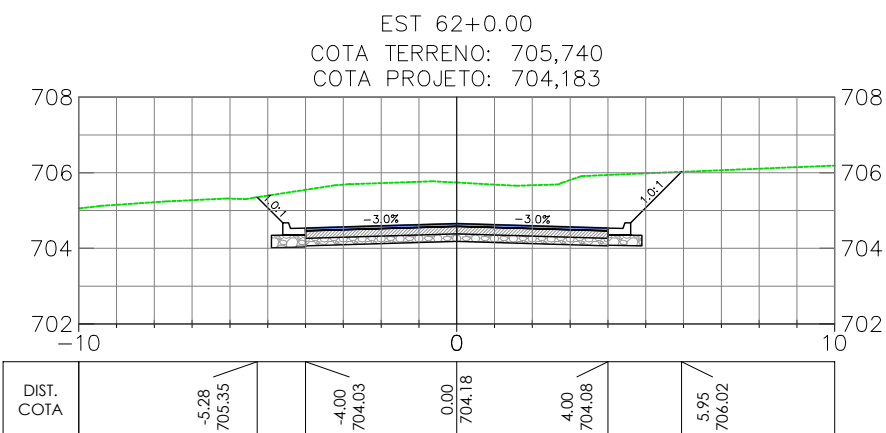
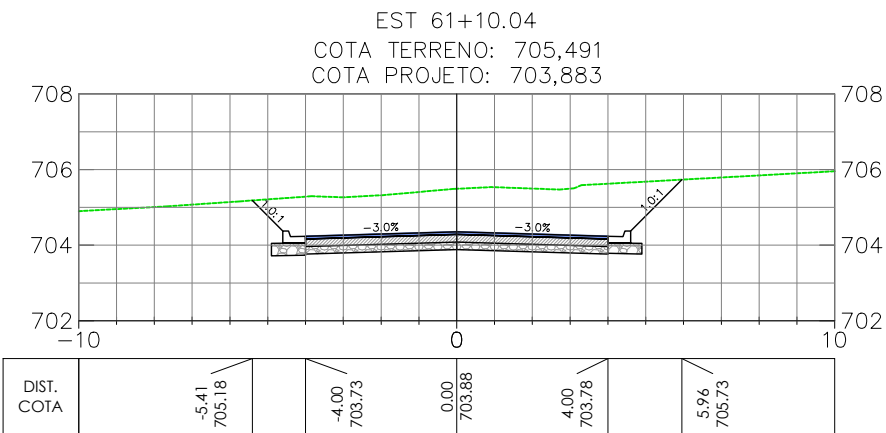
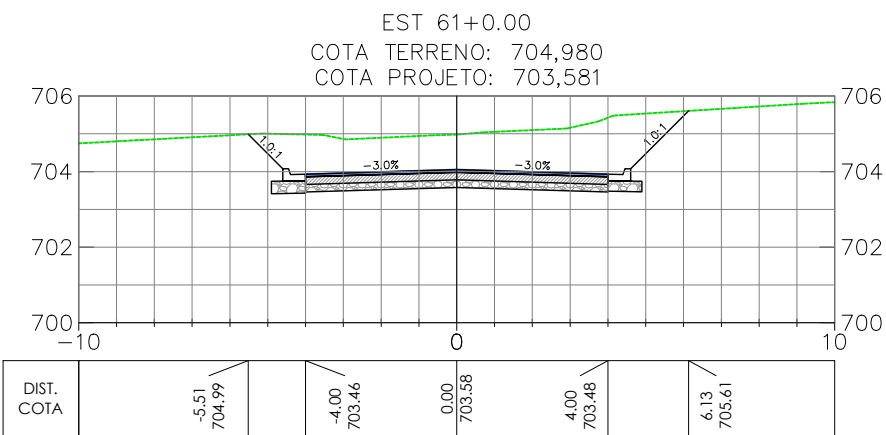
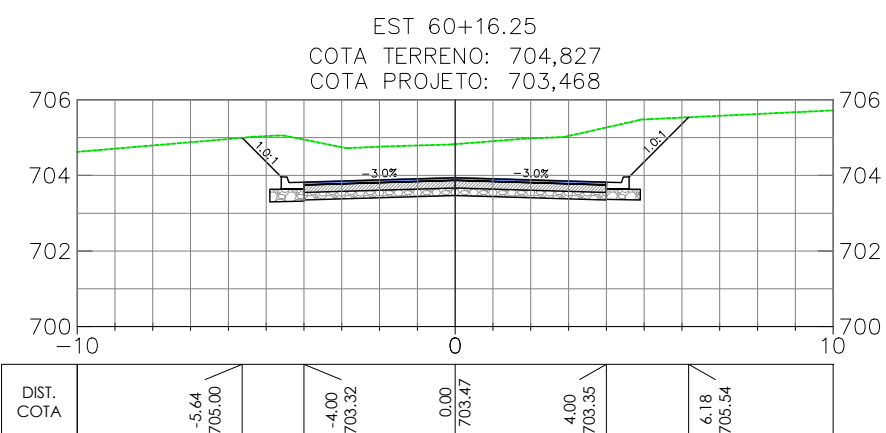
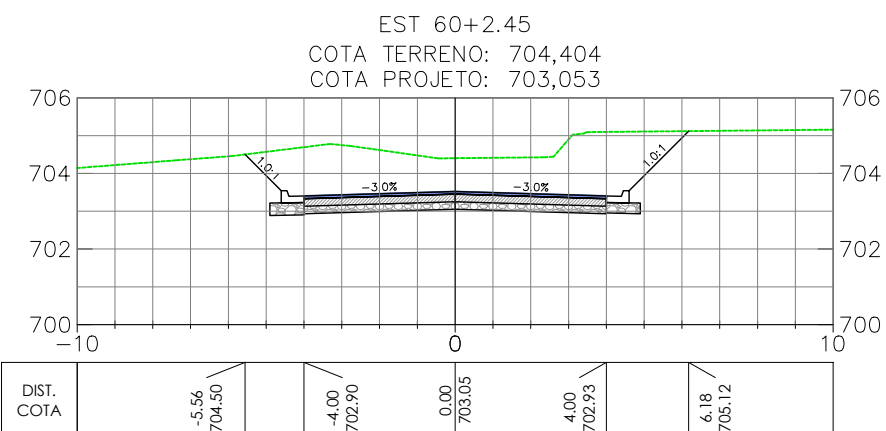
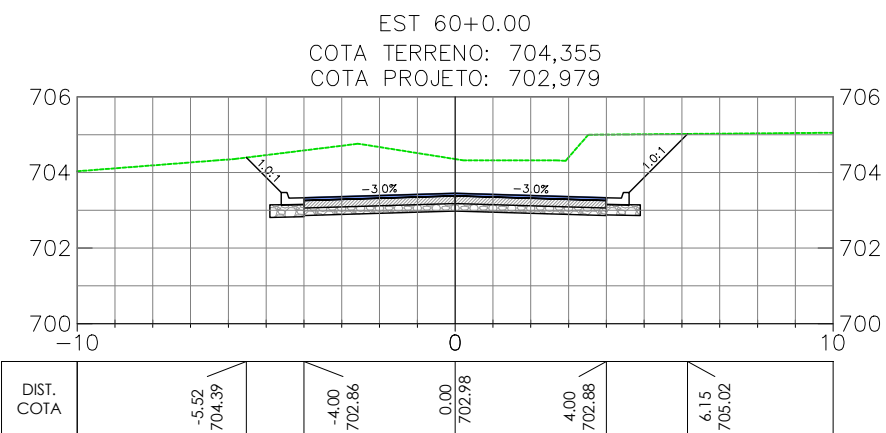
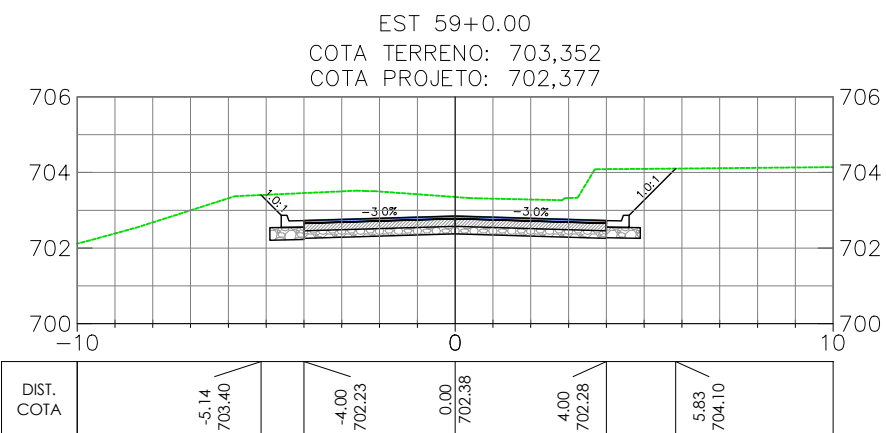
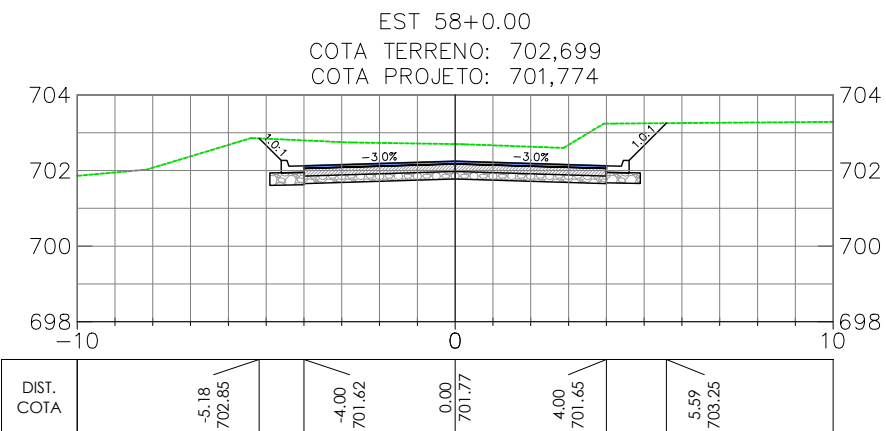
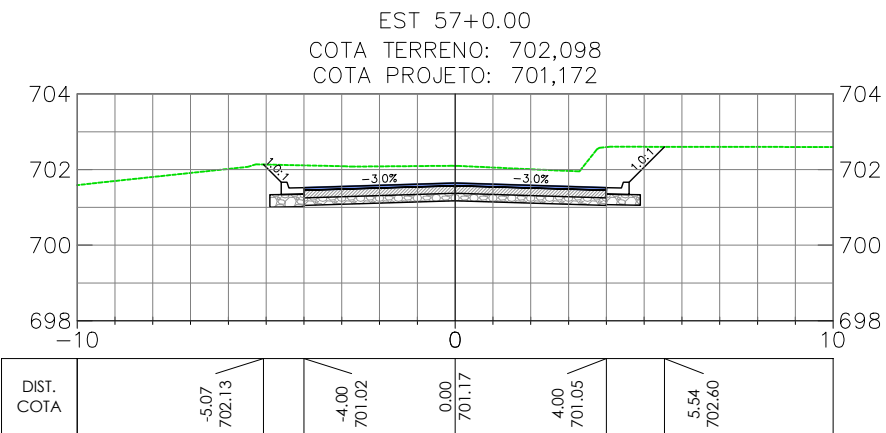
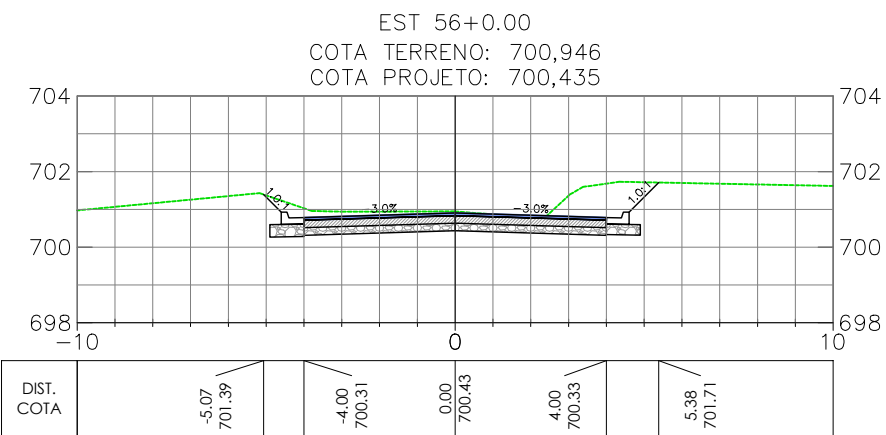
TÍTULO DOS DESENHOS: SEÇÕES TRANSVERSAIS - ANEL RODOVIÁRIO (EST. 37+0.00 A EST. 55+0.00) SEÇÃO TIPO	PRANCHAS: 03/39
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DIREITOS AUTORAIS RESERVADOS: PROIBIDO REPRODUÇÃO, DIVULGAÇÃO OU ALTERAÇÃO SEM ORDEM EXPRESSA DO AUTOR.

TÍTULO DOS DESENHOS:  
PRJ-EXE-TER-PRD-ARQ-0181-REV02



Anel Rodoviário



OBSERVAÇÕES

- OBSERVAÇÕES GERAIS:
- 1 - MEDIDAS, COORDENADAS E ELEVÇÕES EM METRO, EXCETO ONDE INDICADO
  - 2 - PODERÃO OCORRER AJUSTES EM CAMPO QUANDO A EXECUÇÃO DA OBRA POR DETERMINAÇÃO DA PREFEITURA.

LEGENDA

- EIXO PROJETADO  
- - - TERRENO NATURAL

REVISÃO	DESCRIÇÃO	TIPO	ELABORADO	VERIFICADO	DATA
00	EMISSION INICIAL	EXE	GMT	LGR	15/09/2021
01	REVISÃO	EXE	CLP	LGR	04/02/2022
02	REVISÃO	EXE	IFT	LGR	09/08/2022

TIPOS DE EMISSÃO	ATP - ANTEPROJETO BSC - BÁSICO EXE - EXECUTIVO	APV - APROVADO PCT - P/ CONSTRUÇÃO ASB - "AS BUILT"	CNC - CANCELADO
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**OBJETIVA** OBJETIVA PROJETOS E SERVIÇOS  
ALAMEDA OSCAR NIEMAYER, Nº500, SALA 505 - VALE DO SERENO  
NOVA LIMA-MO - CEP: 34.006-056  
TEL.: (31) 3347-4405 / (31) 3347-7079 / (31) 3571-1920  
EMAIL: contata@grupoprojetosengenharia.com.br

**PREFEITURA MUNICIPAL DE BOM DESPACHO**  
PRAÇA RMA ALBUQUERQUE, Nº45 - CENTRO  
BOM DESPACHO-MG - CEP: 35.600-000  
TEL: 0800 285 9797

PROJETO DE INFRAESTRUTURA

ANEL RODOVÁRIO LIGAÇÃO ENTRE BR-262 E MG-164, BOM DESPACHO-MG

PROJETO DE TERRAPLENAGEM

AUTORIA DO PROJETO:	CONTRATANTE DO PROJETO:
JULIANA GONÇALVES OLIVEIRA CREA MG - 238987/D	RESPONSÁVEL DA CONTRATANTE

DATA: JULHO/2022	ESCALA: 1:200	CÓDIGO: PRJ-TER
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TÍTULO DOS DESENHOS:  
SEÇÕES TRANSVERSAIS - ANEL RODOVÁRIO (EST. 56+0.00 A EST. 77+0.00)  
SEÇÃO TIPO

DIREITOS AUTORAIS RESERVADOS: PROIBIDO REPRODUÇÃO, DIVULGAÇÃO OU ALTERAÇÃO SEM ORDEM EXPRESSA DO AUTOR.

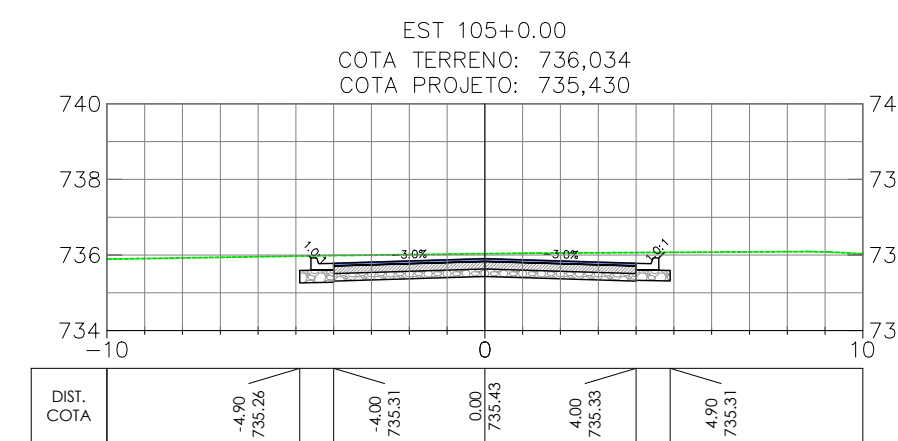
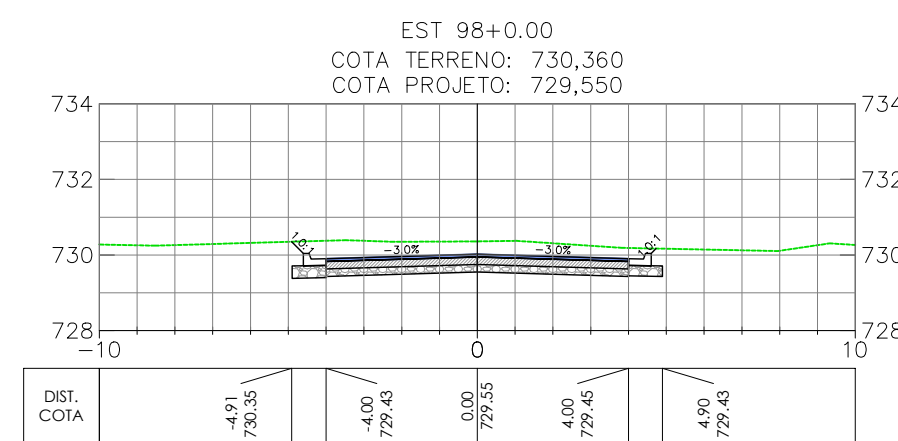
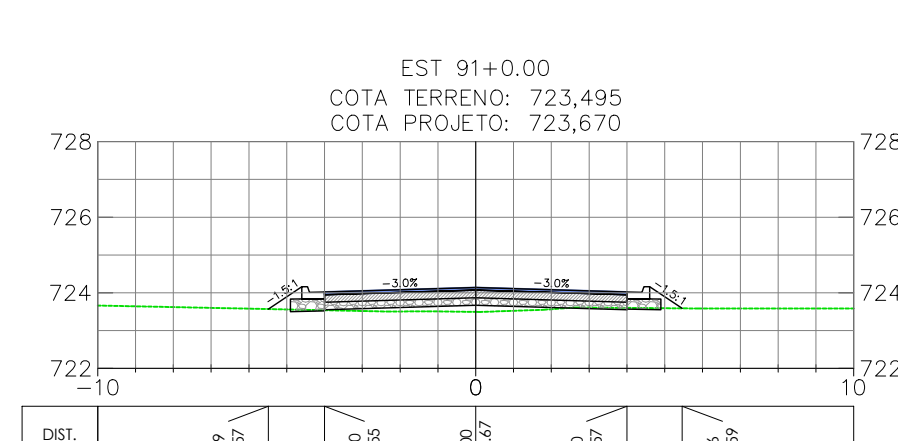
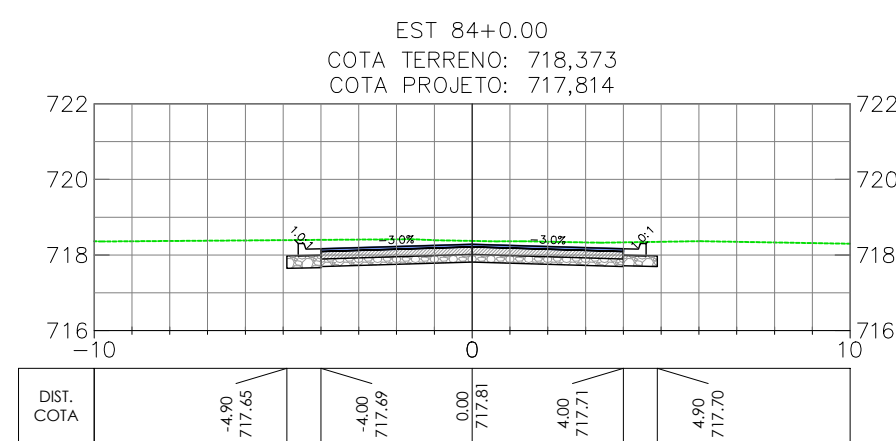
TÍTULO DOS DESENHOS:  
PRJ-EXE-TER-PRD-ARQ-0181-REV02

PRONCHIA:  
04/39

FORMATO - A3  
841x594mm



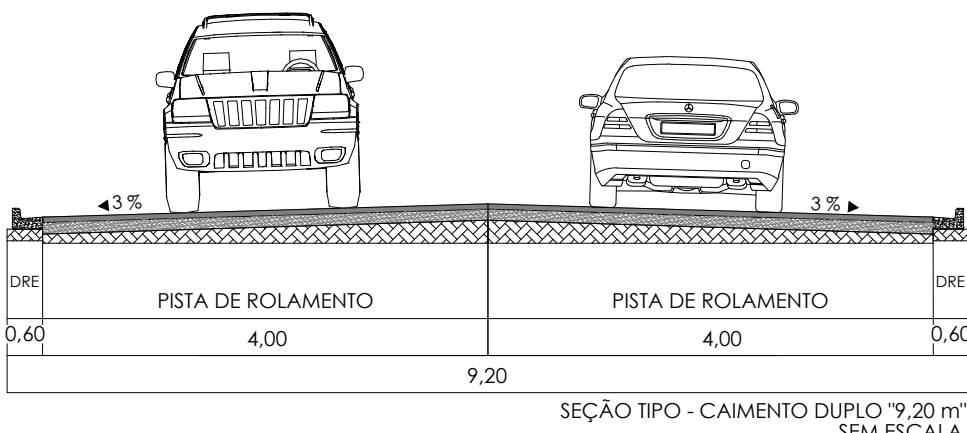
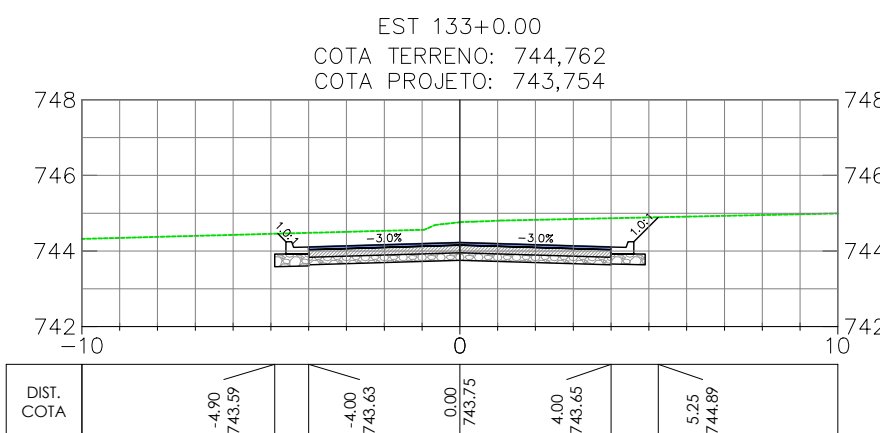
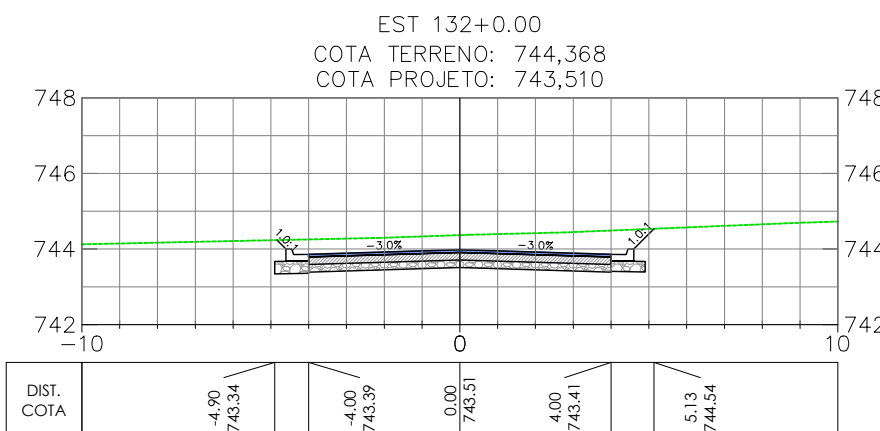
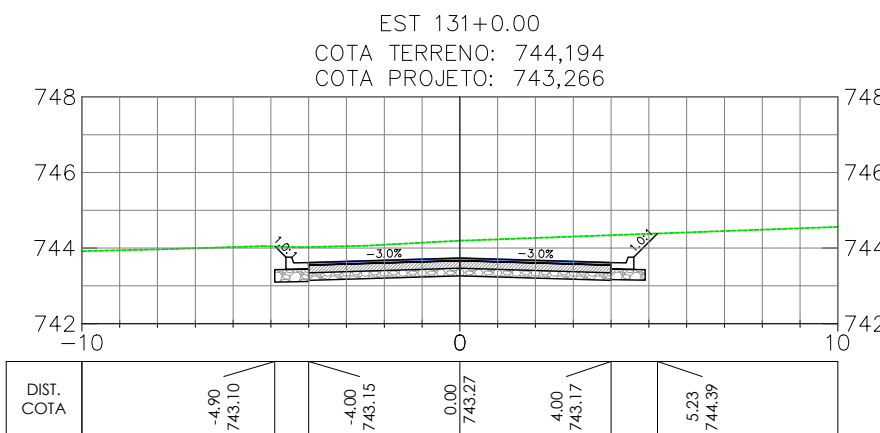
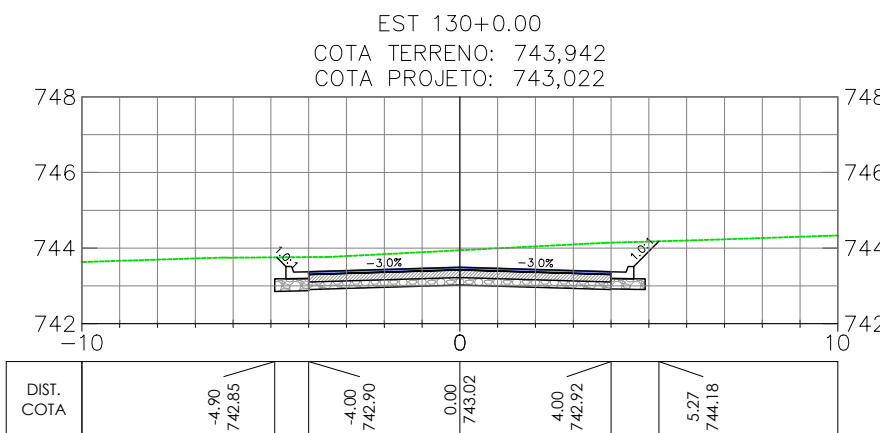
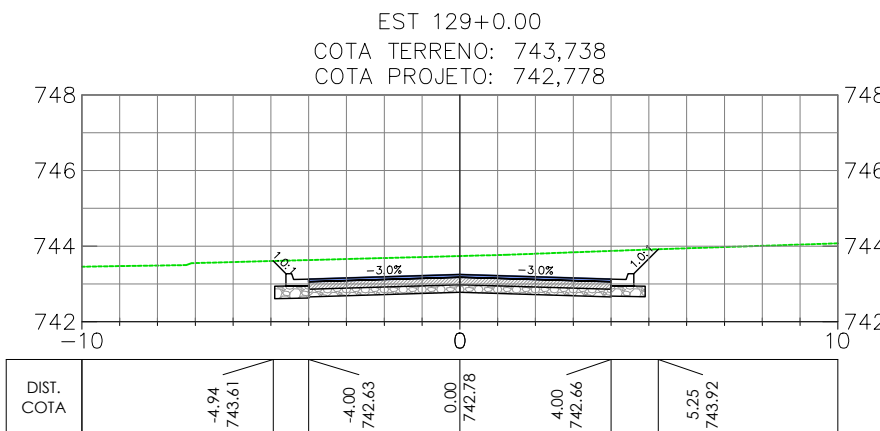
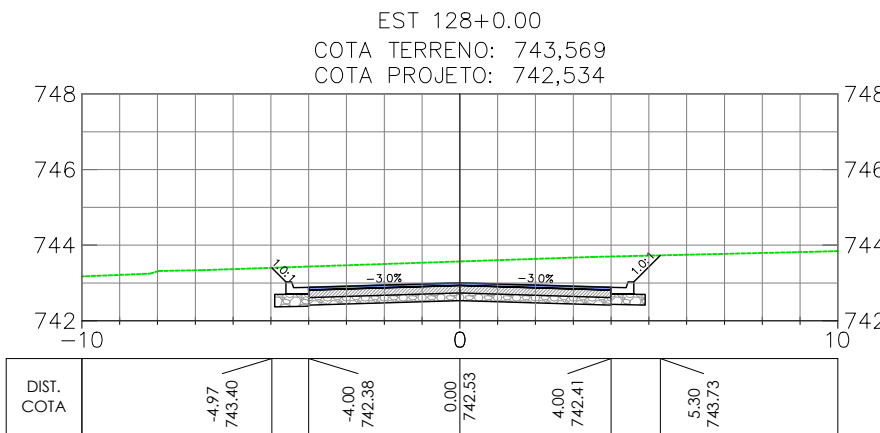
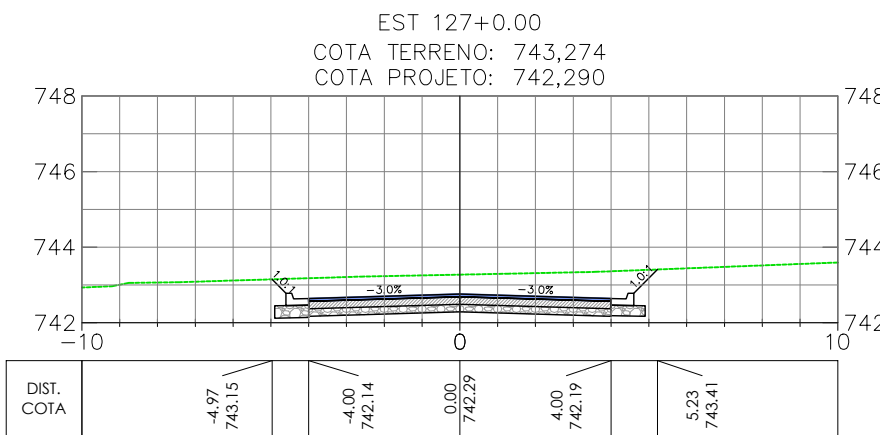
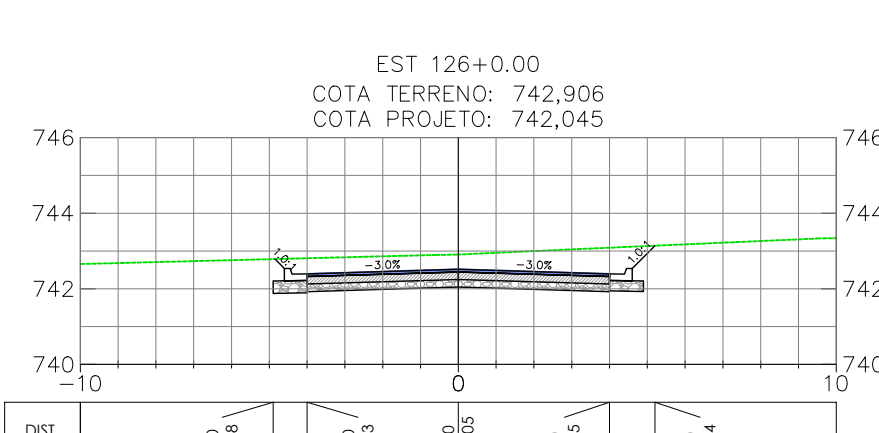
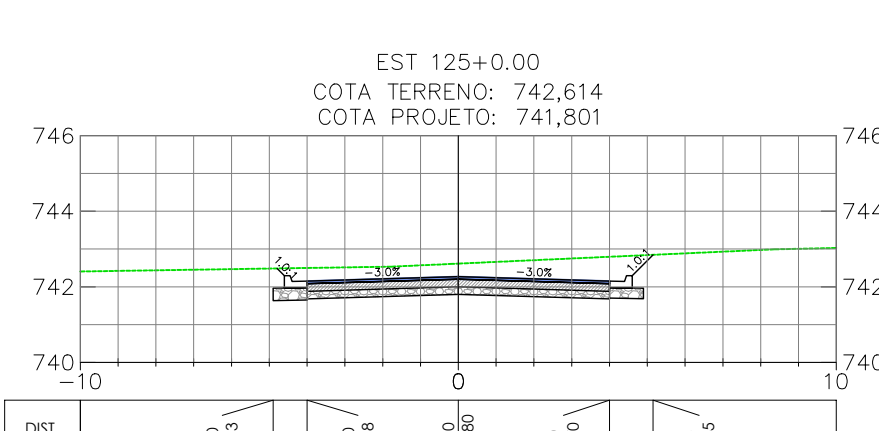
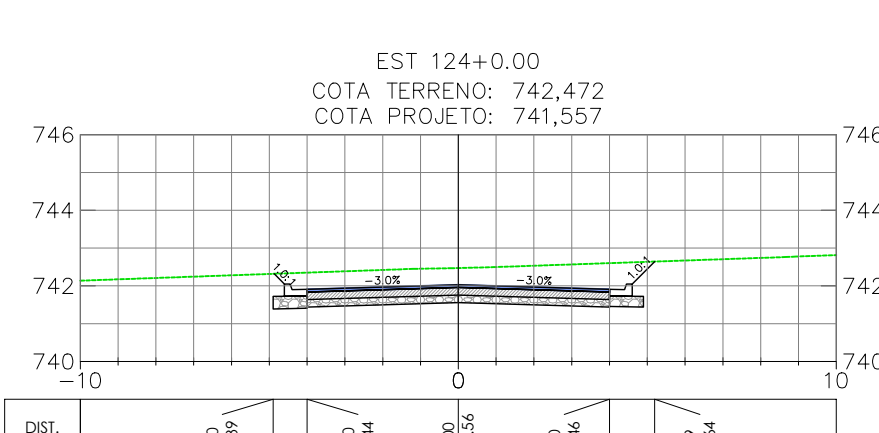
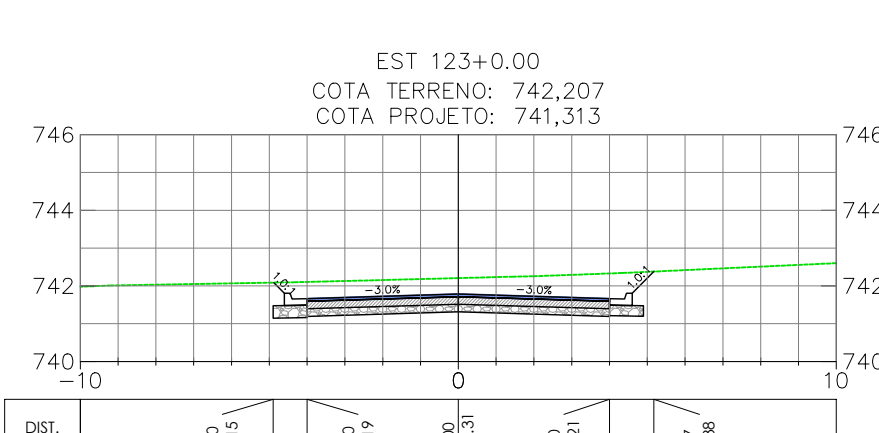
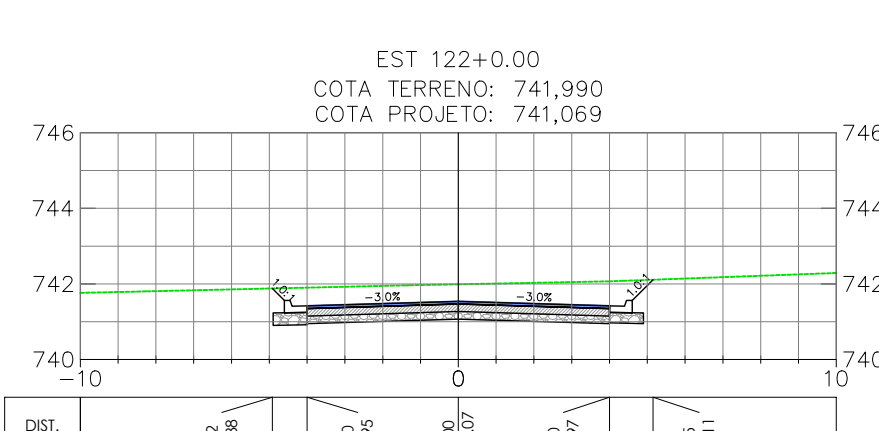
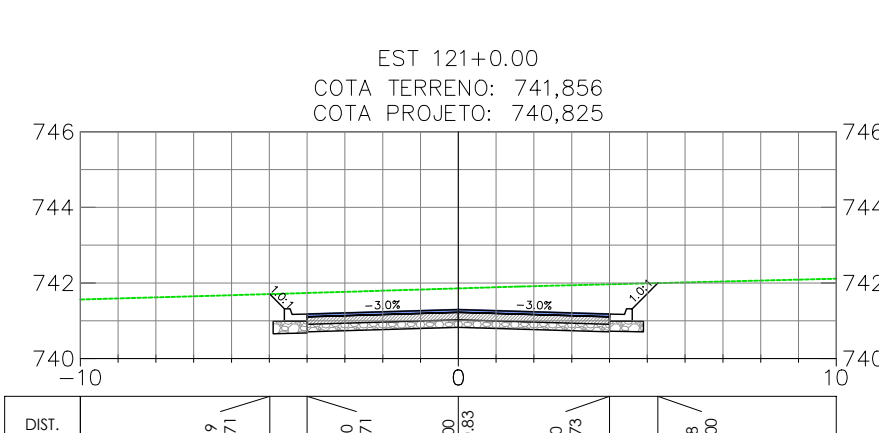
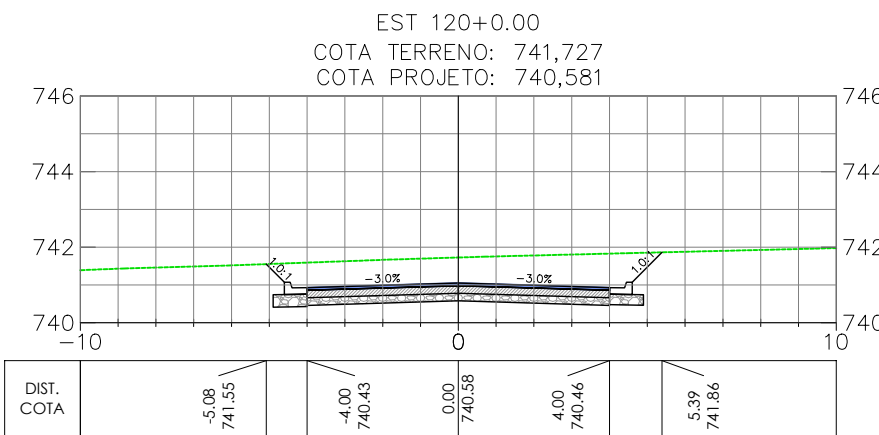
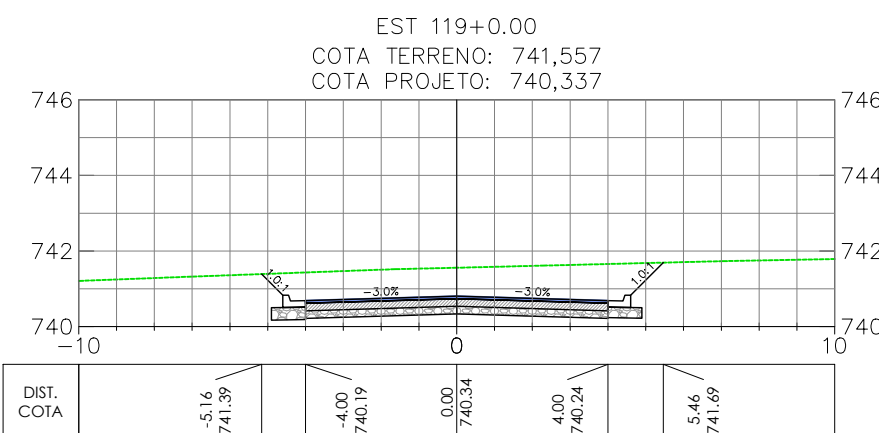
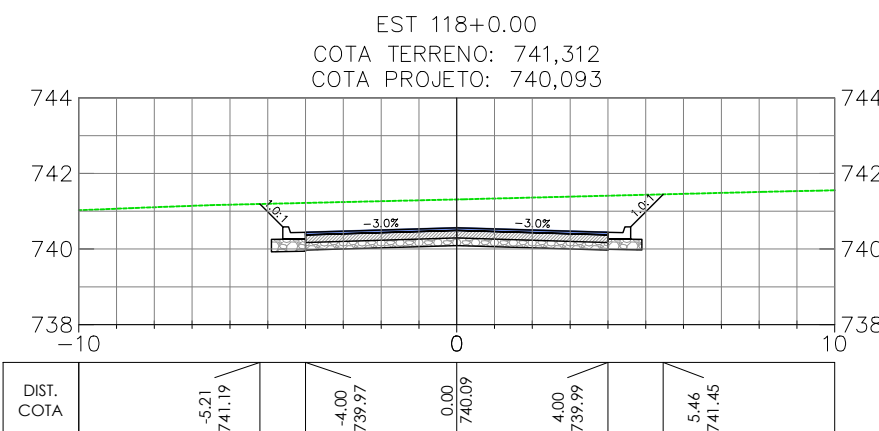
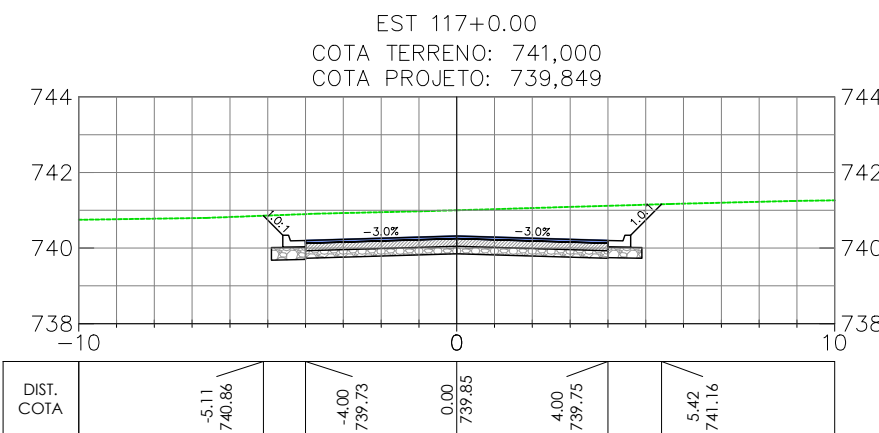
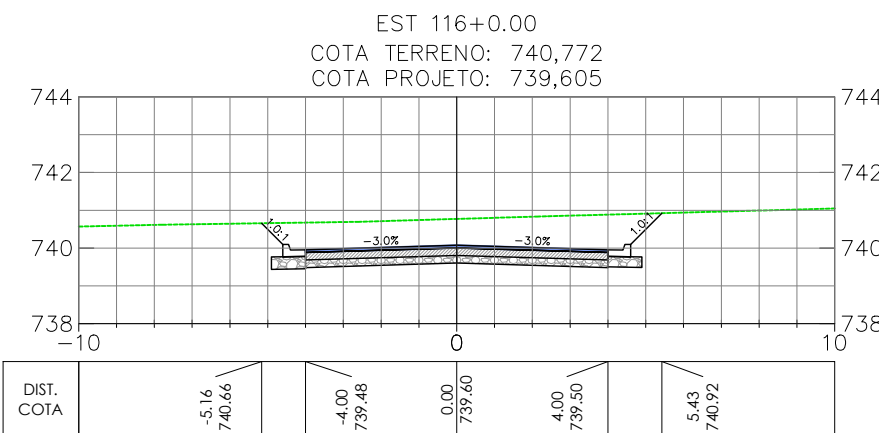
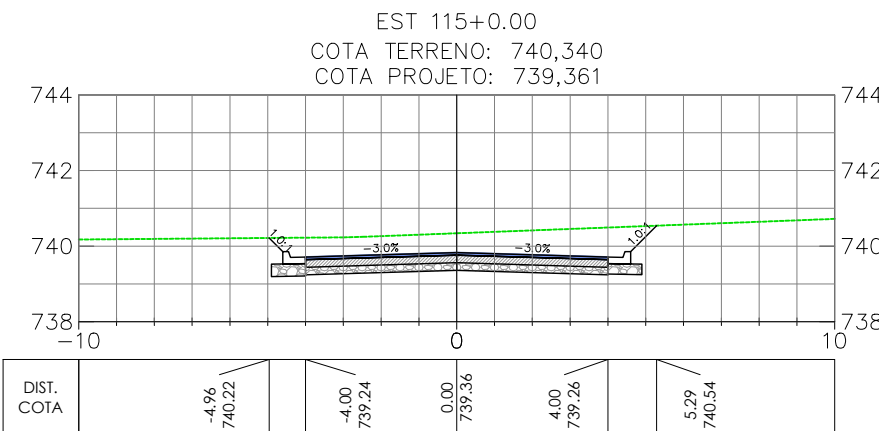
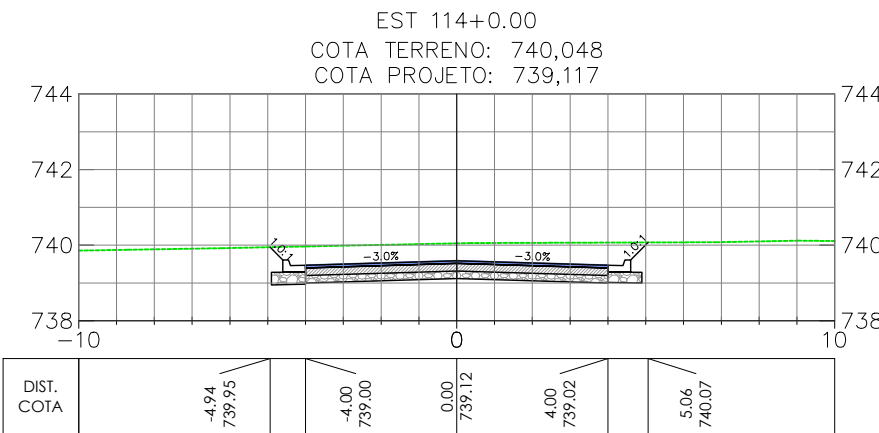
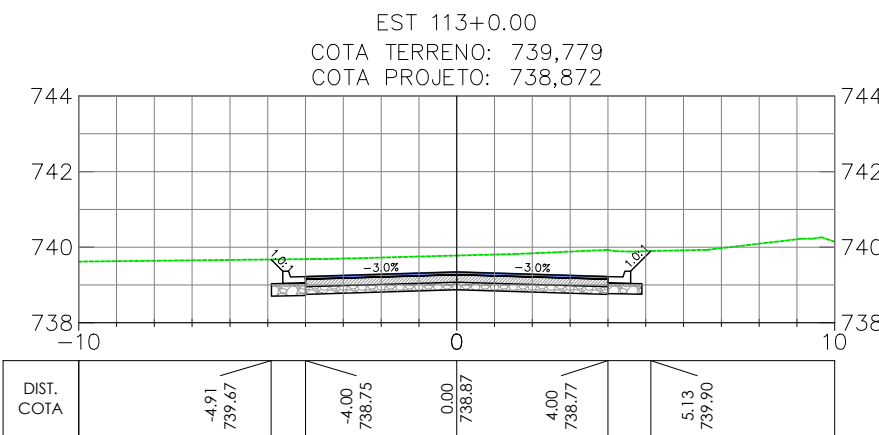
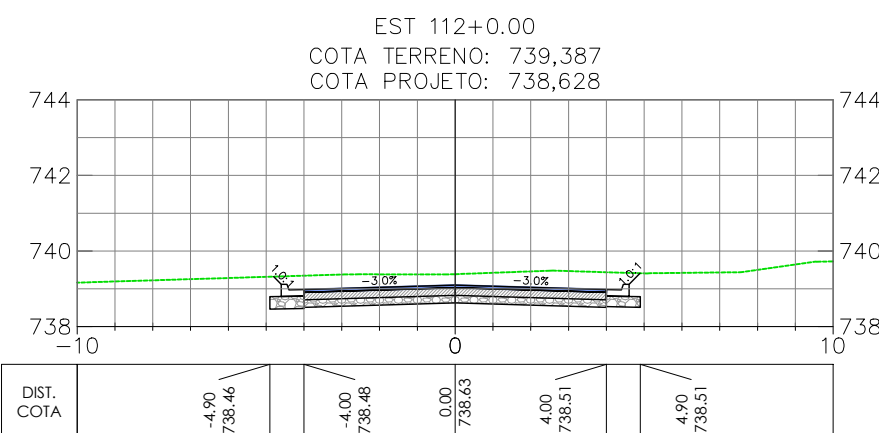
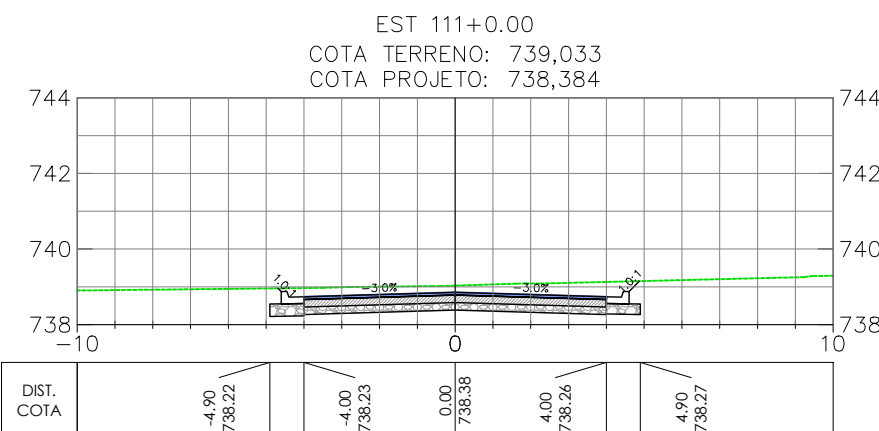
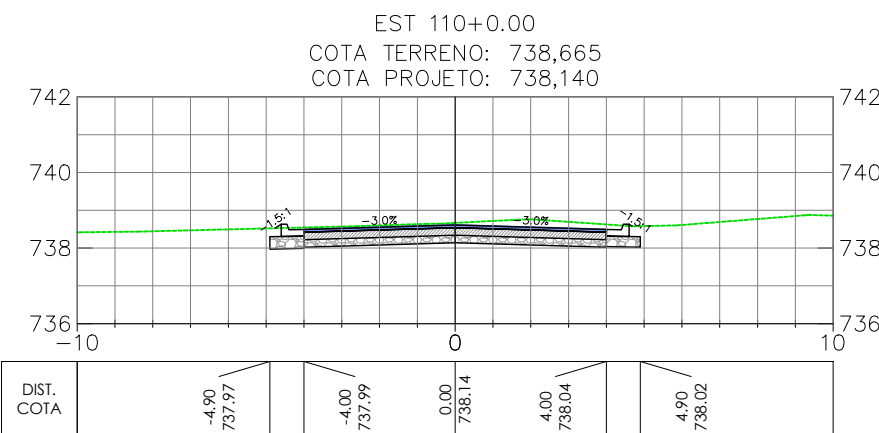
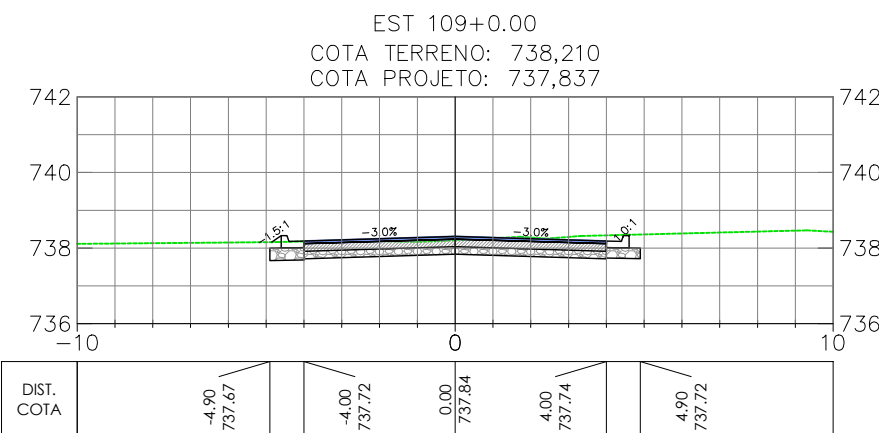
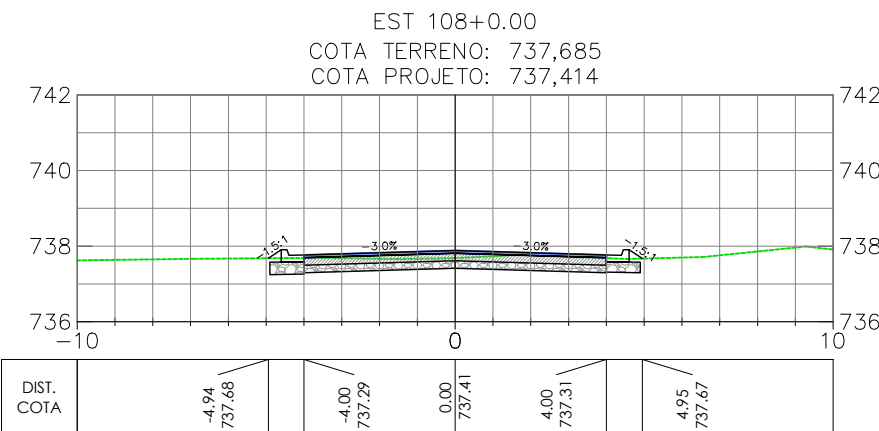
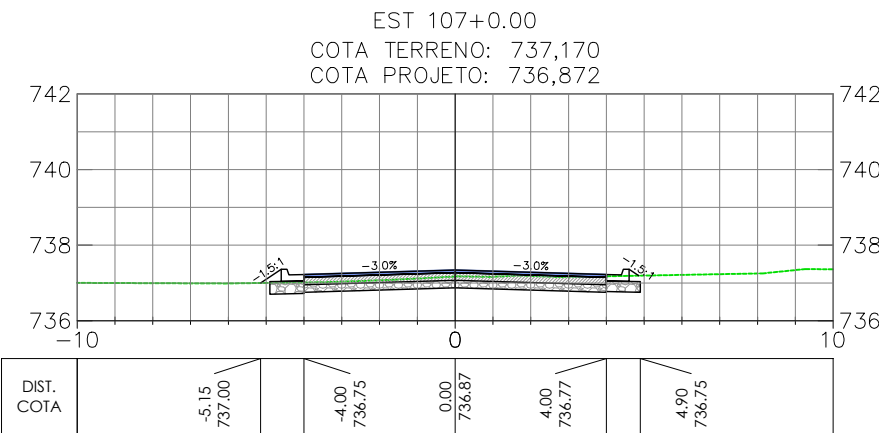
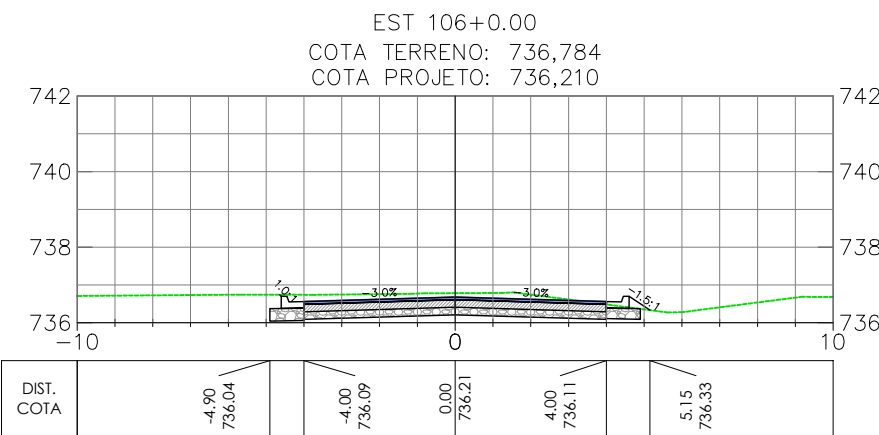
## 2



FORMATO - 841x594mm



Anel Rodoviário



OBSERVAÇÕES

- OBSERVAÇÕES GERAIS:
- 1 - MEDIDAS, COORDENADAS E ELEVÇÕES EM METRO, EXCETO ONDE INDICADO
  - 2 - PODERÃO OCORRER AJUSTES EM CAMPO QUANDO A EXECUÇÃO DA OBRA POR DETERMINAÇÃO DA PREFEITURA.

LEGENDA

- EIXO PROJETADO  
- - - - - TERRENO NATURAL

REVISÃO	DESCRIÇÃO	TIPO	ELABORADO	VERIFICADO	DATA
00	EMIÇÃO INICIAL	EXE	GMT	LGR	15/09/2021
01	REVISÃO	EXE	CLP	LGR	04/02/2022
02	REVISÃO	EXE	IFT	LGR	09/08/2022

TIPOS DE EMISSÃO	ATP - ANTEPROJETO BSC - BÁSICO EXE - EXECUTIVO	APV - APROVADO PCT - P/ CONSTRUÇÃO ASB - "AS BUILT"	CNC - CANCELADO
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**OBJETIVA** OBJETIVA PROJETOS E SERVIÇOS

ALAMEDA OSCAR NIEMAYER, Nº500, SALA 505 – VALE DO SERENO  
NOVA LIMA-MG – CEP: 34.006-056  
TEL.: (31) 3347-4405 / (31) 3347-7079 / (31) 3571-1920  
EMAIL: contata@grupoprojetosengenharia.com.br

**PREFEITURA MUNICIPAL DE BOM DESPACHO**

PRÇA RMA ALBUQUERQUE, Nº45 – CENTRO  
BOM DESPACHO-MG – CEP: 35.600-000  
TEL: 0800 285 9797

PROJETO DE INFRAESTRUTURA

ANEL RODOVÁRIO LIGAÇÃO ENTRE BR-262 E MG-164, BOM DESPACHO-MG

PROJETO DE TERRAPLENAGEM

AUTORIA DO PROJETO:	CONTRATANTE DO PROJETO:
JULIANA GONÇALVES OLIVEIRA CREA MG - 239787/D	RESPONSÁVEL DA CONTRATANTE

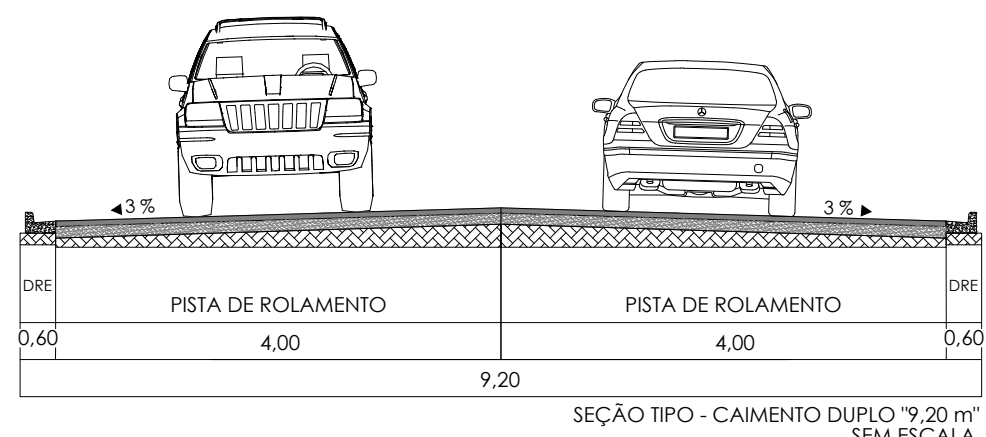
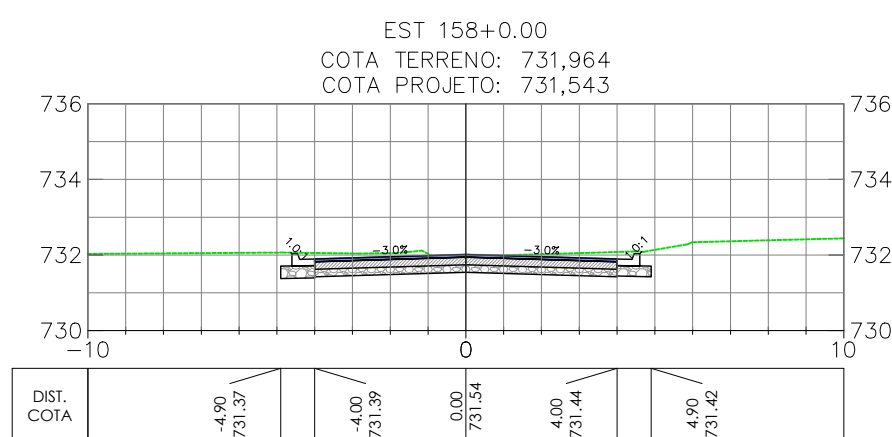
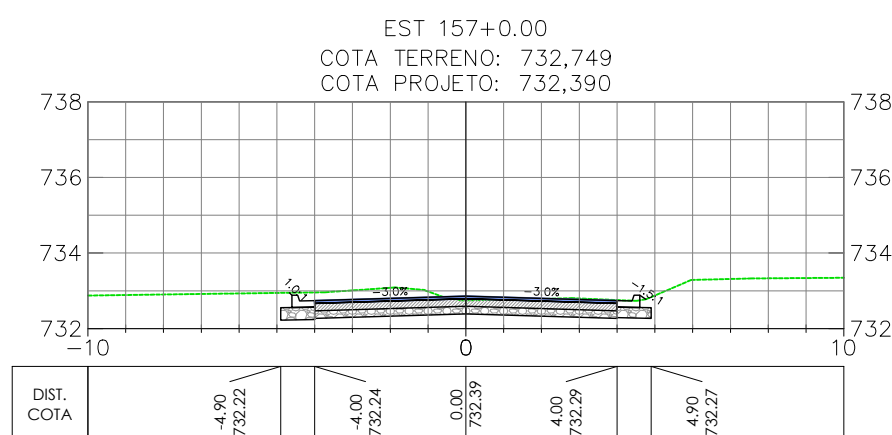
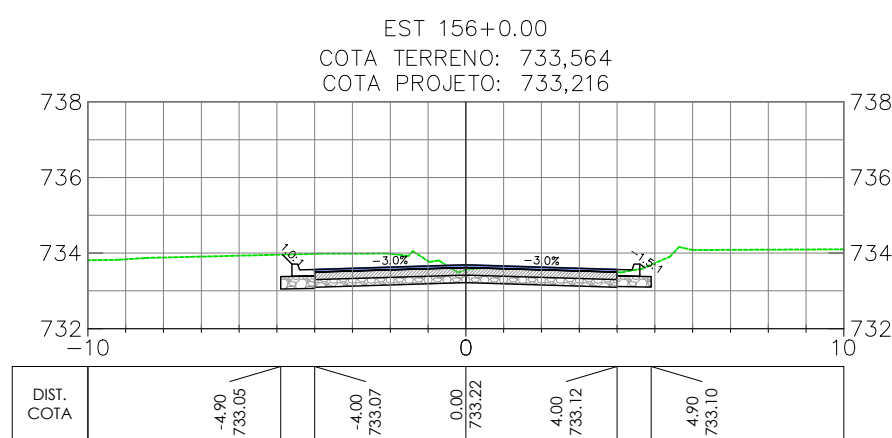
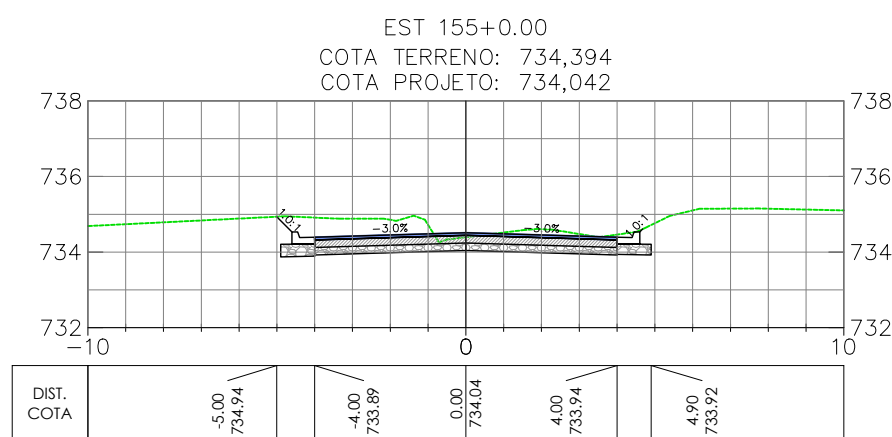
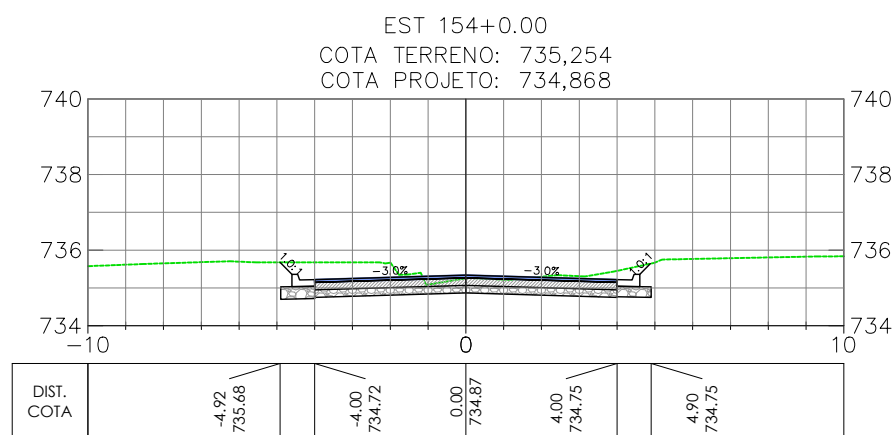
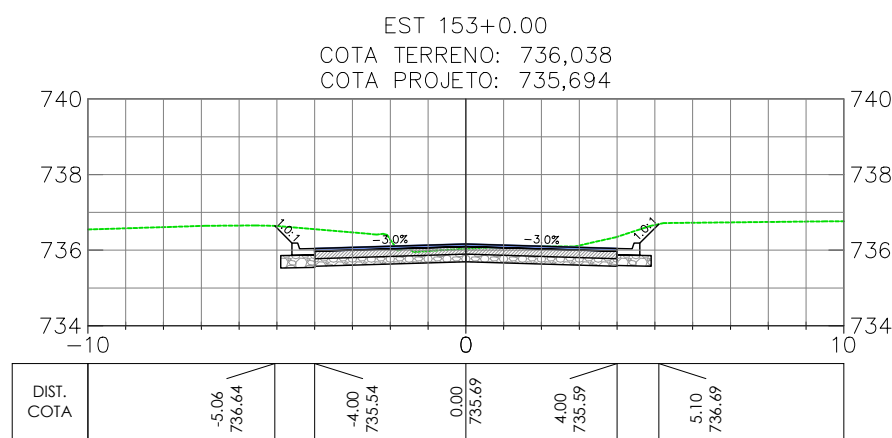
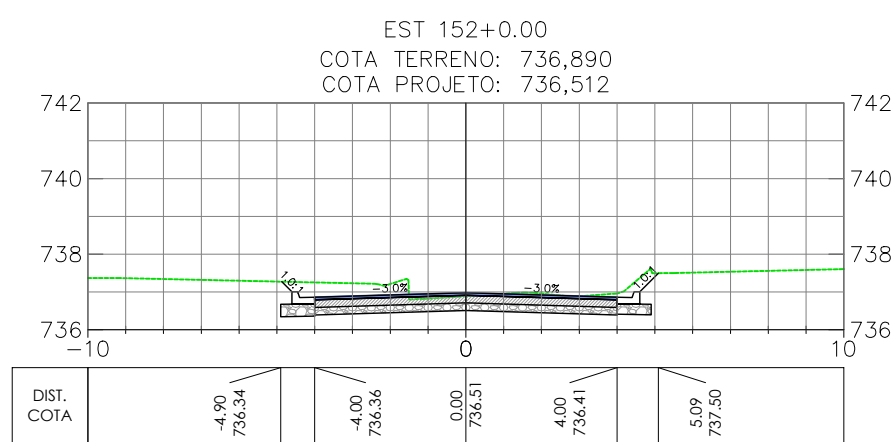
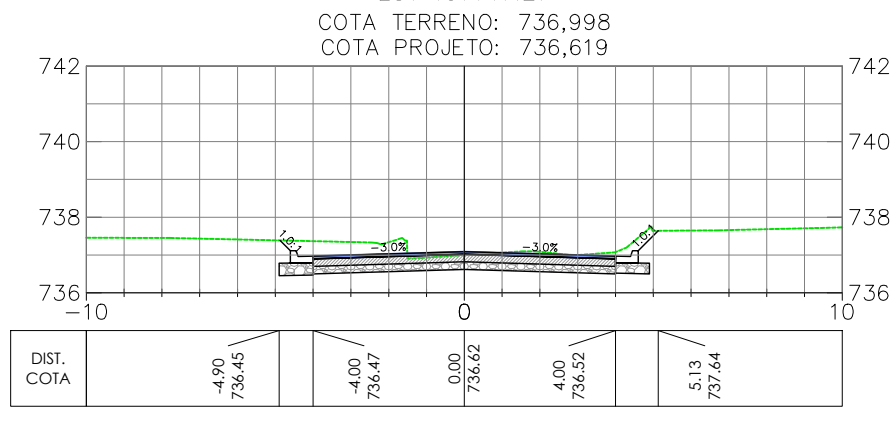
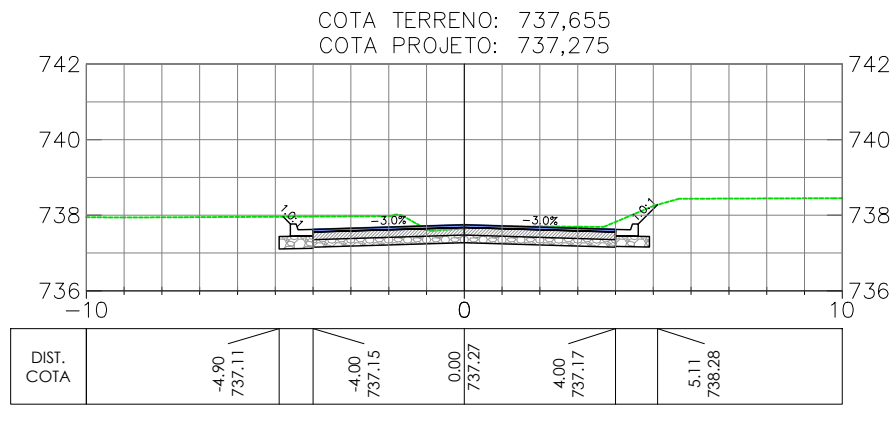
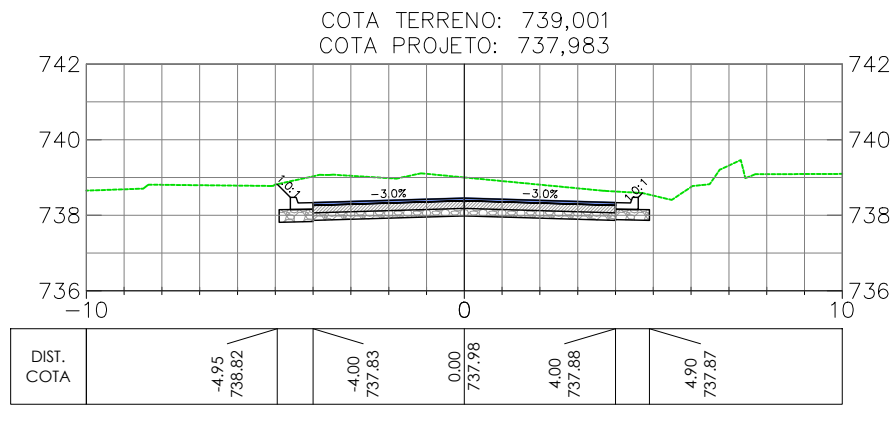
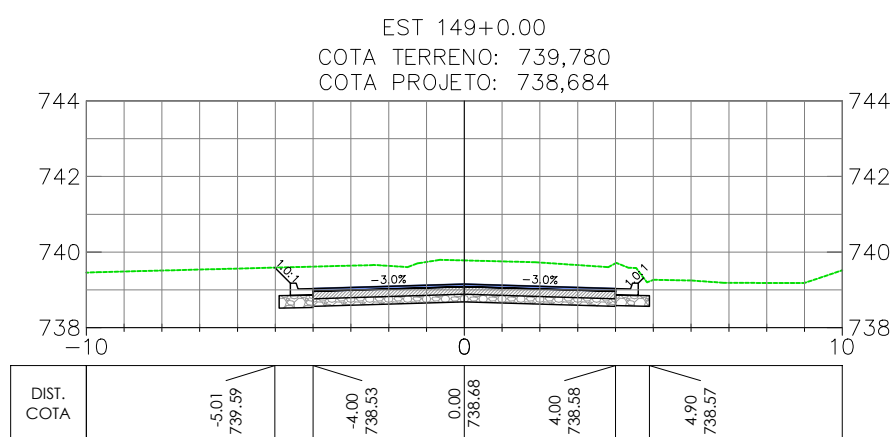
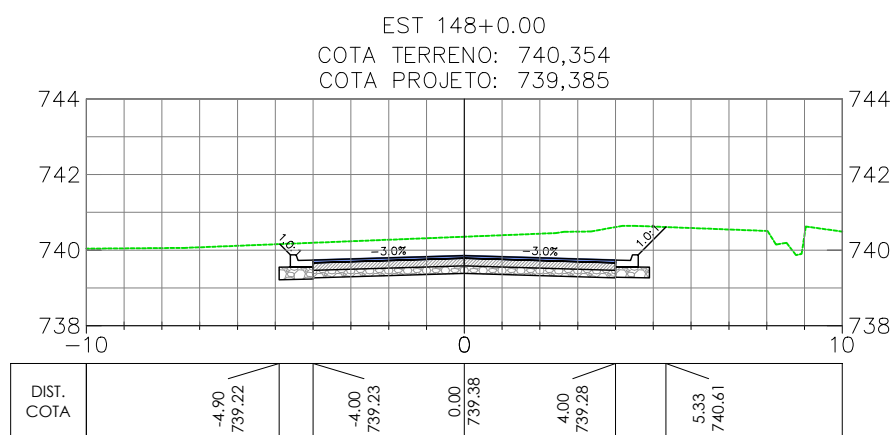
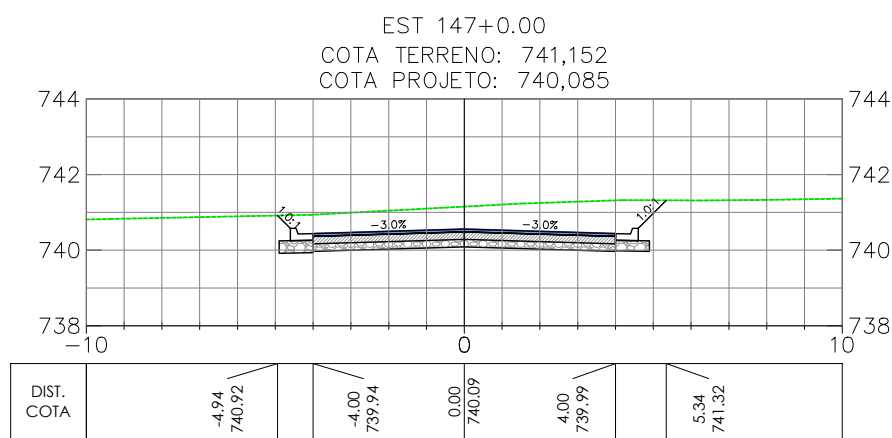
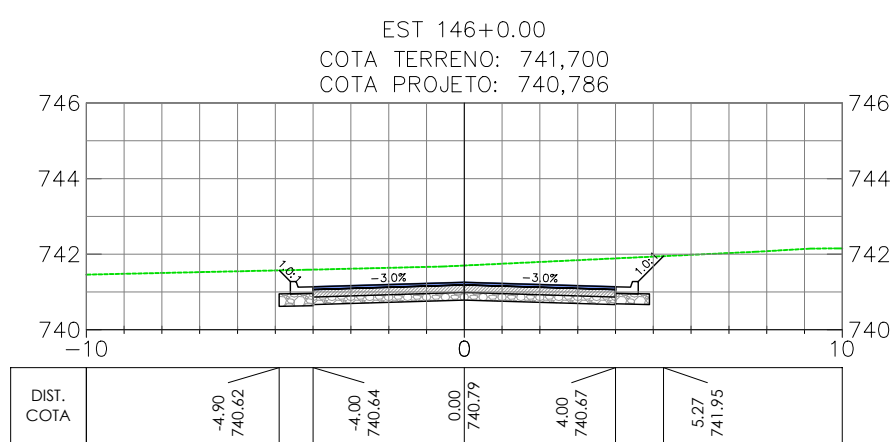
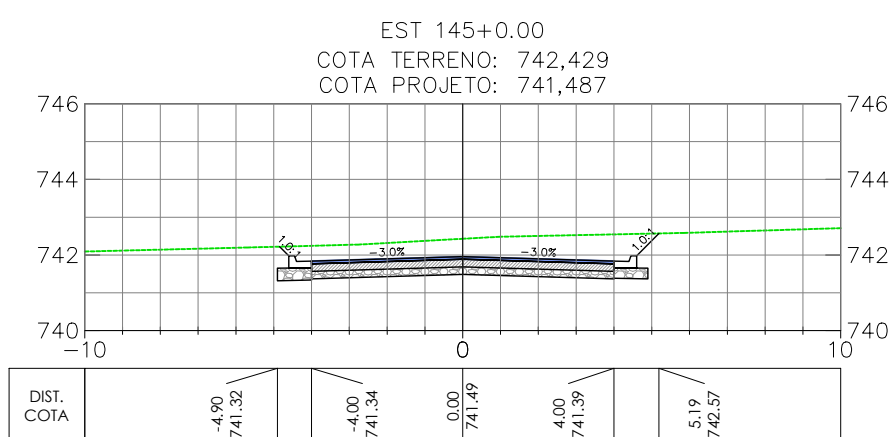
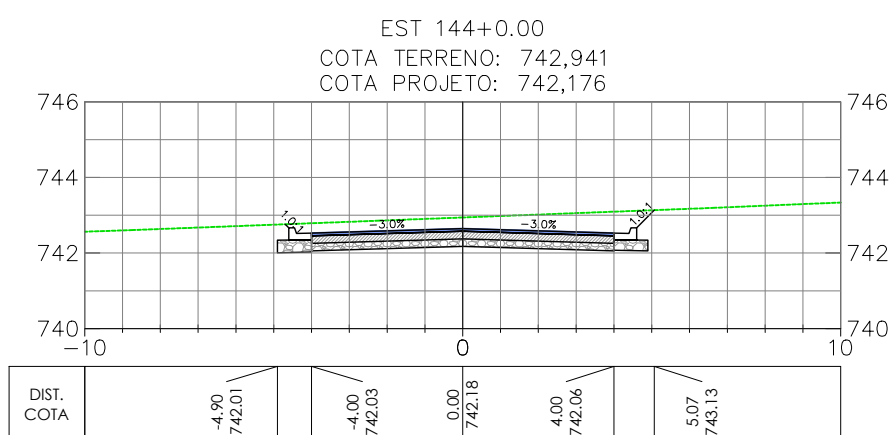
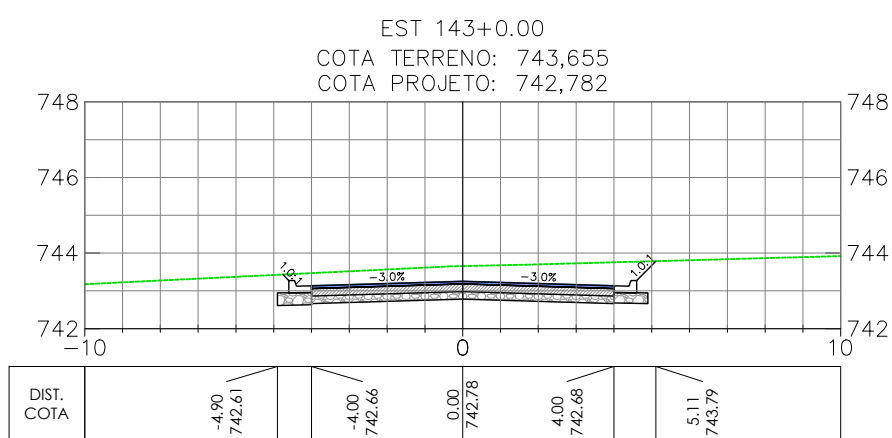
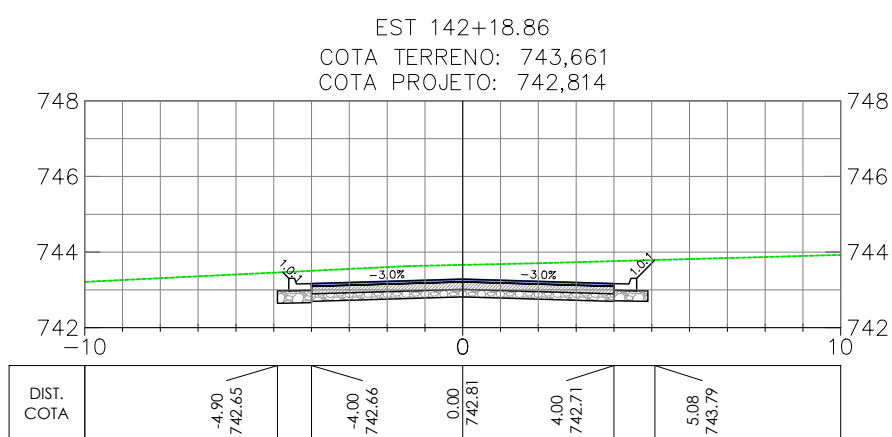
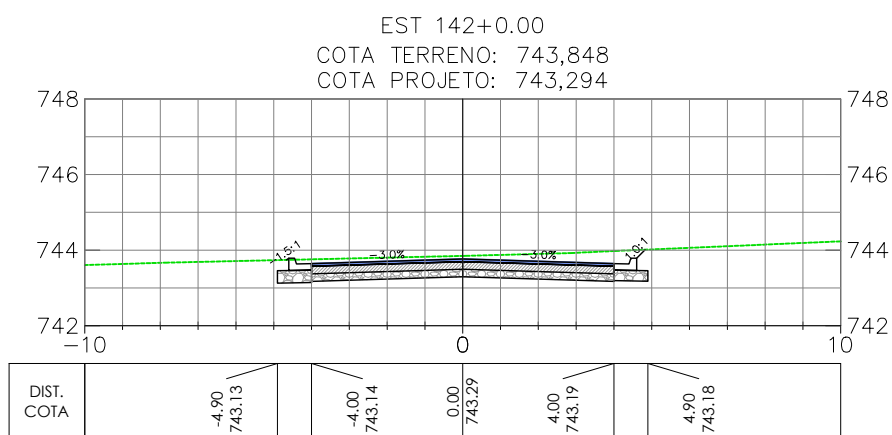
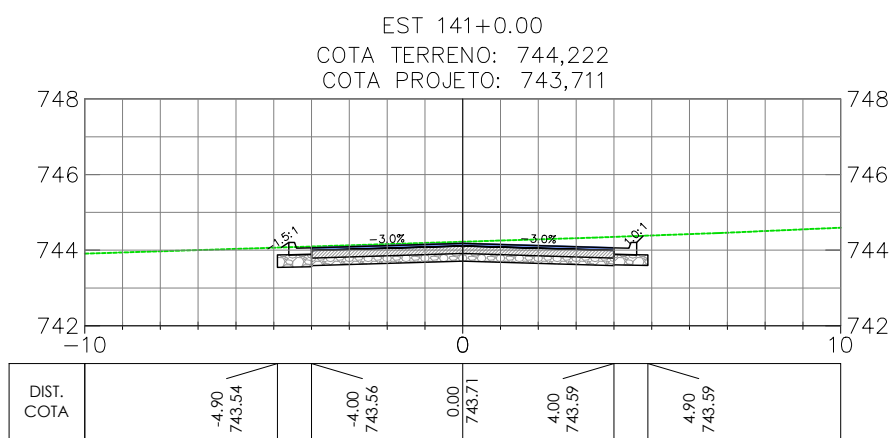
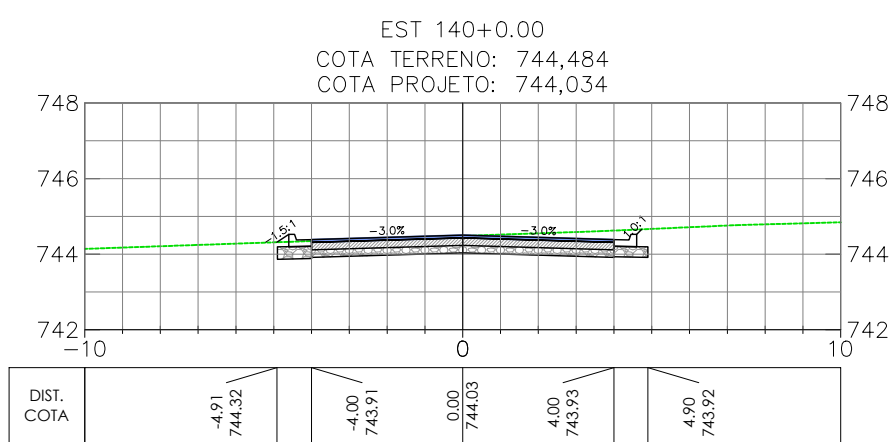
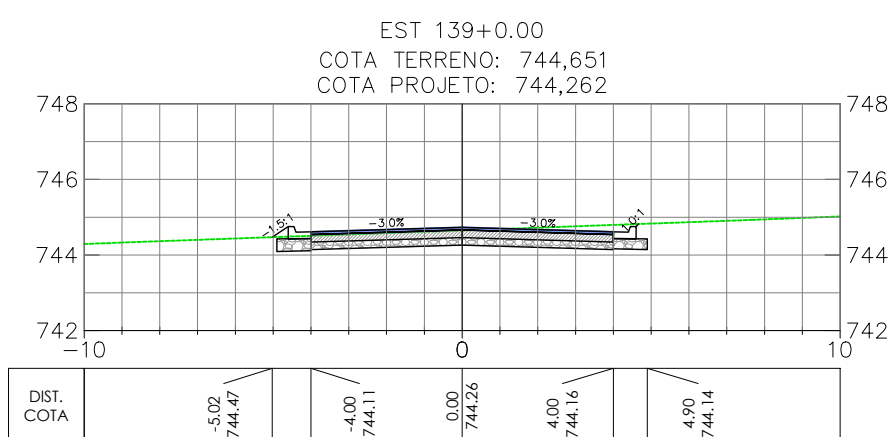
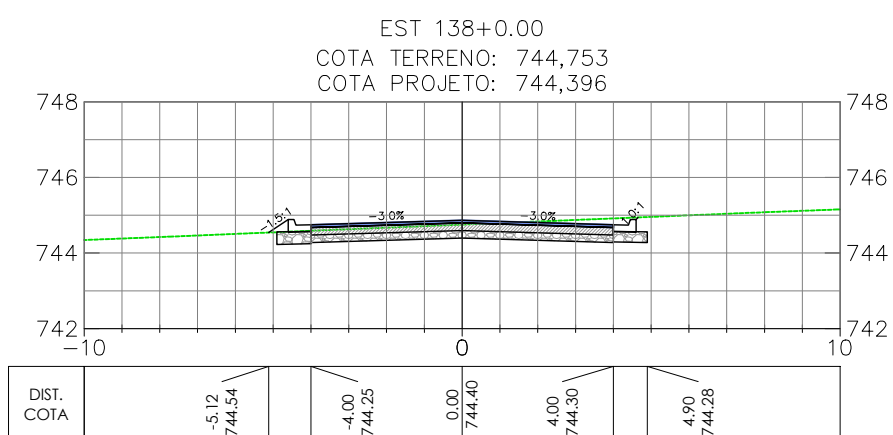
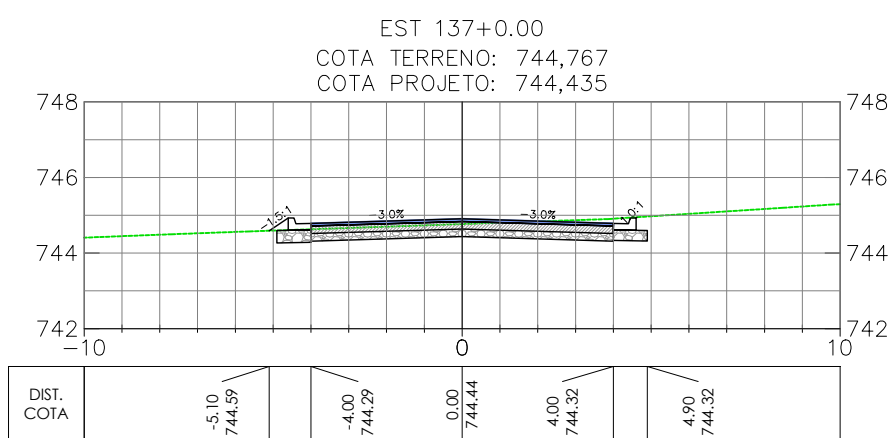
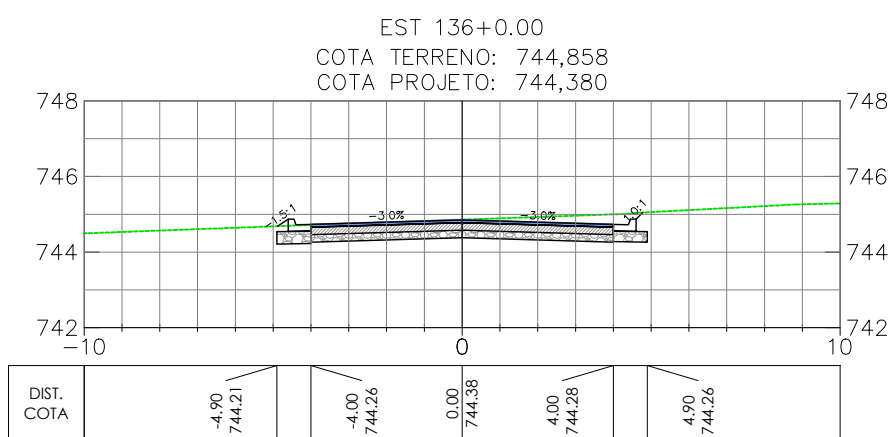
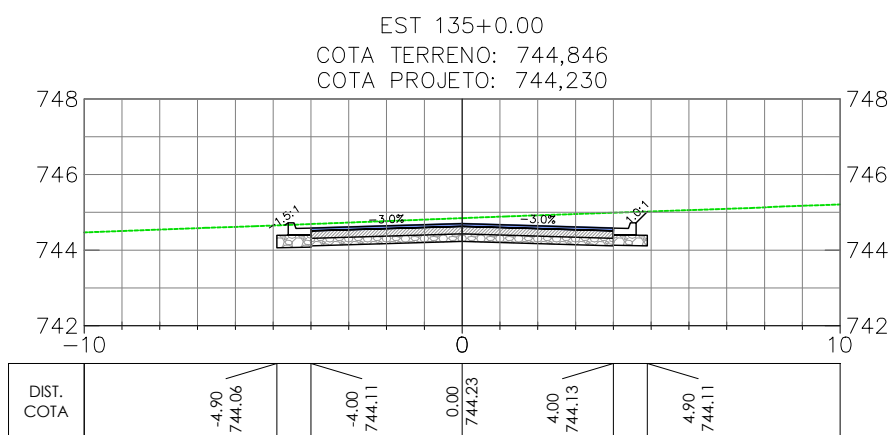
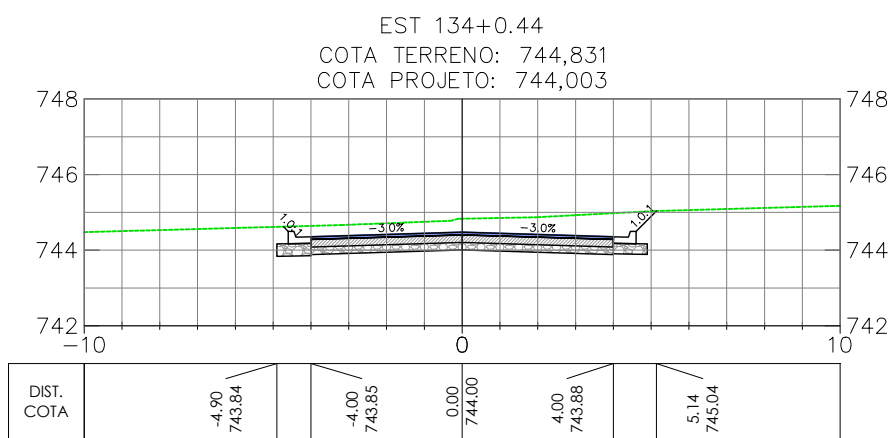
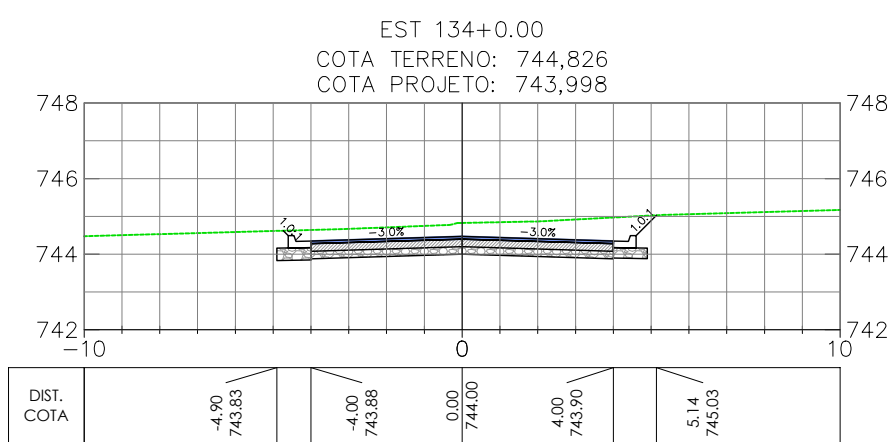
DATA: JULHO/2022	ESCALA: 1:200	CÓDIGO: PRJ-TER
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TÍTULO DOS DESENHOS: SEÇÕES TRANSVERSAIS - ANEL RODOVÁRIO (EST. 106+0.00 A EST. 133+0.00) SEÇÃO TIPO	PRANCHAS: 06/39
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DIREITOS AUTORAIS RESERVADOS: PROIBIDO REPRODUÇÃO, DIVULGAÇÃO OU ALTERAÇÃO SEM ORDEM EXPRESSA DO AUTOR. TÍTULO DOS DESENHOS: PRJ-EXE-TER-P80-APD-0181-REV02



Anel Rodoviário



OBSERVAÇÕES

- OBSERVAÇÕES GERAIS:  
1 - MEDIDAS, COORDENADAS E ELEVÇÕES EM METRO, EXCETO ONDE INDICADO  
2 - PODERÃO OCORRER AJUSTES EM CAMPO QUANDO A EXECUÇÃO DA OBRA POR DETERMINAÇÃO DA PREFEITURA.

LEGENDA

- EIXO PROJETADO  
--- TERRENO NATURAL

REVISÃO	DESCRIÇÃO	TIPO	ELABORADO	VERIFICADO	DATA
00	EMIÇÃO INICIAL	EXE	GMT	LGR	15/09/2021
01	REVISÃO	EXE	CLP	LGR	04/02/2022
02	REVISÃO	EXE	IFT	LGR	09/08/2022

TIPOS DE EMISSÃO	ATP - ANTEPROJETO BSC - BÁSICO EXE - EXECUTIVO	APV - APROVADO PCT - P/ CONSTRUÇÃO ASB - "AS BUILT"	CNC - CANCELADO
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**OBJETIVA** OBJETIVA PROJETOS E SERVIÇOS  
ALAMEDA OSCAR NIEMAYER, Nº500, SALA 505 - VALE DO SERENO  
NOVA LIMA-MO - CEP: 34.008-056  
TEL.: (31) 3347-4405 / (31) 3347-7079 / (31) 3571-1920  
EMAIL: contata@grupoprojetosengenharia.com.br

**PREFEITURA MUNICIPAL DE BOM DESPACHO**  
PRACA RIMA ALBUQUERQUE, Nº45 - CENTRO  
BOM DESPACHO-MG - CEP: 35.600-000  
TEL: 0800 265 9797

PROJETO DE INFRAESTRUTURA

ANEL RODOVIÁRIO LIGAÇÃO ENTRE BR-262 E MG-164, BOM DESPACHO-MG

PROJETO DE TERRAPLENAGEM

AUTORIA DO PROJETO:	CONTRATANTE DO PROJETO:
JULIANA GONÇALVES OLIVEIRA CREA MG - 239787/D	RESPONSÁVEL DA CONTRATANTE

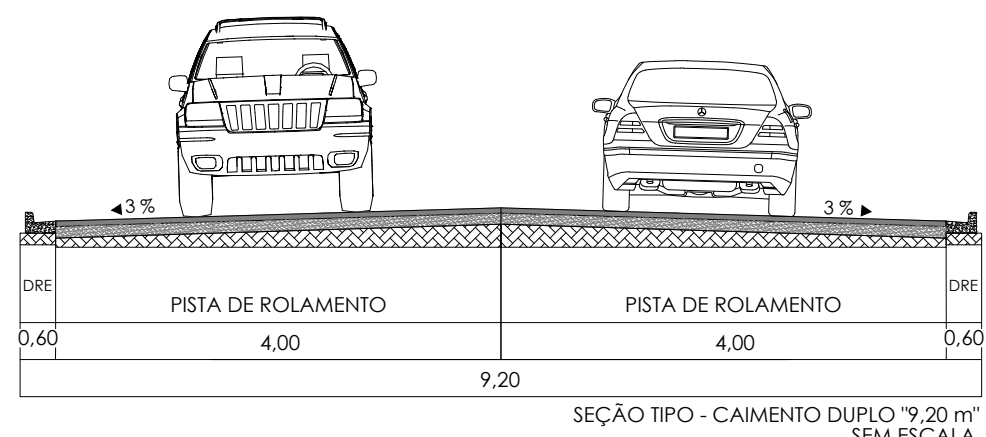
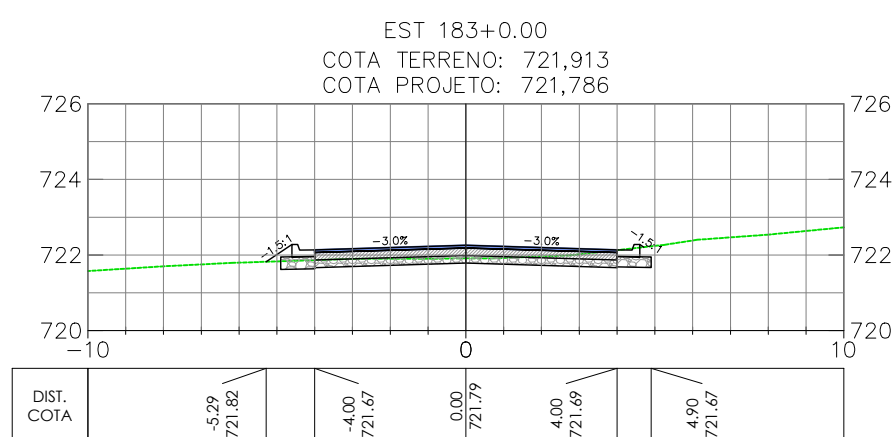
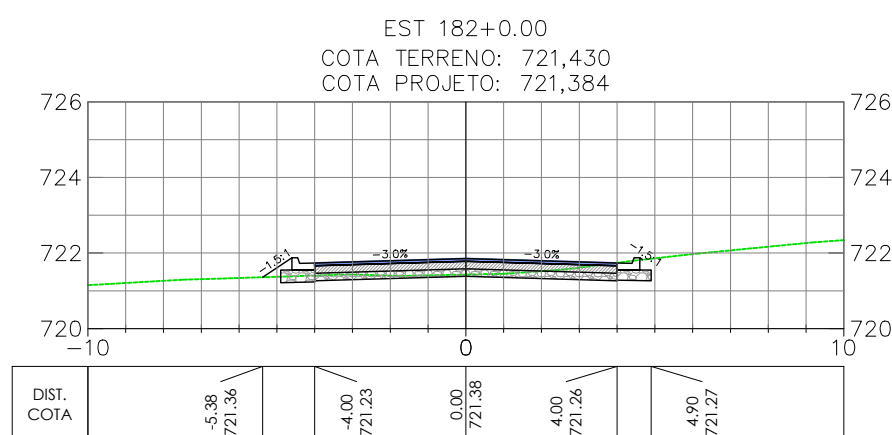
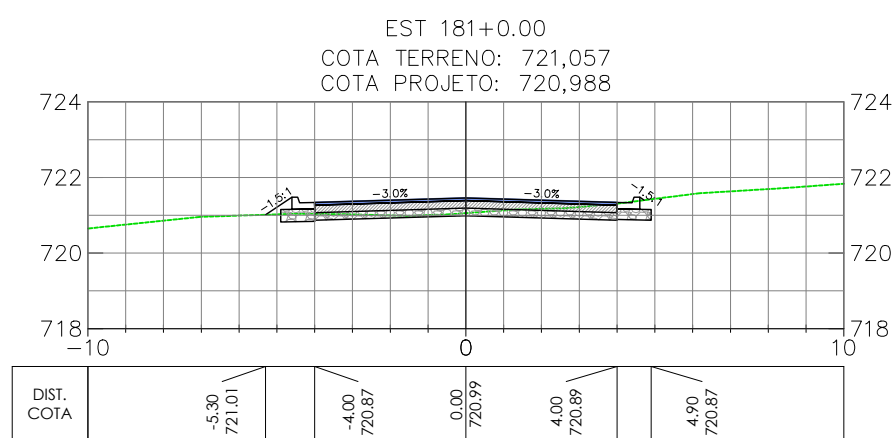
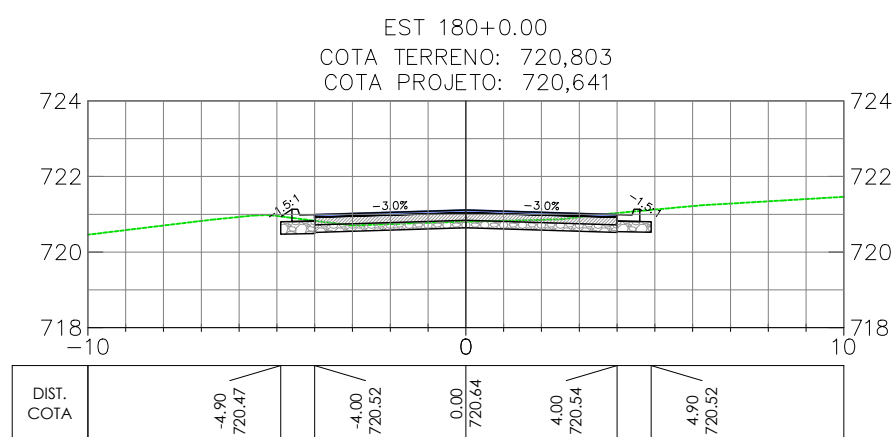
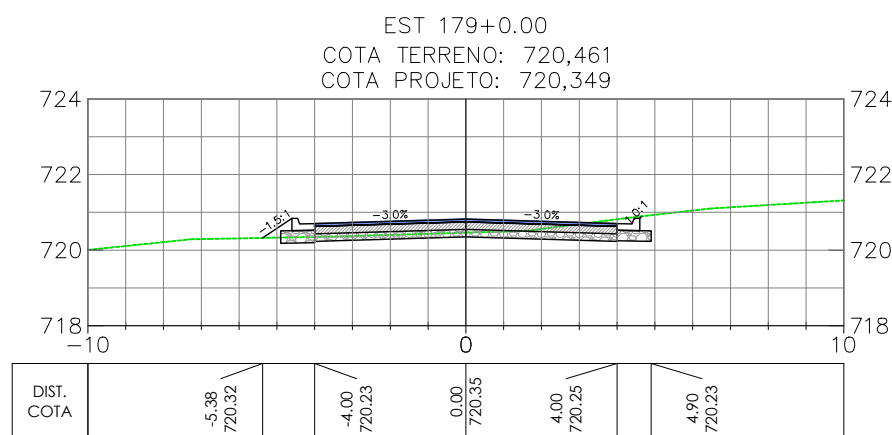
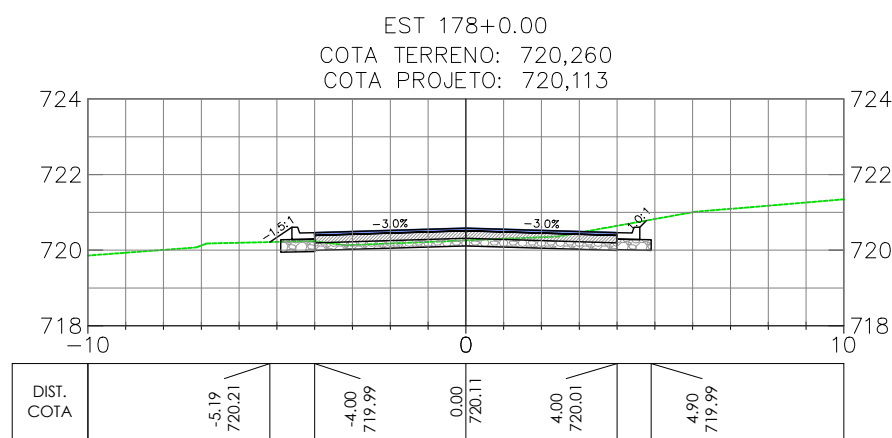
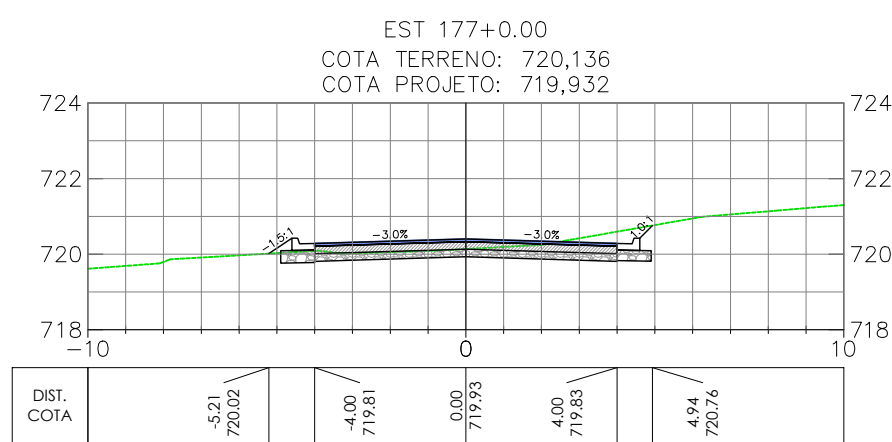
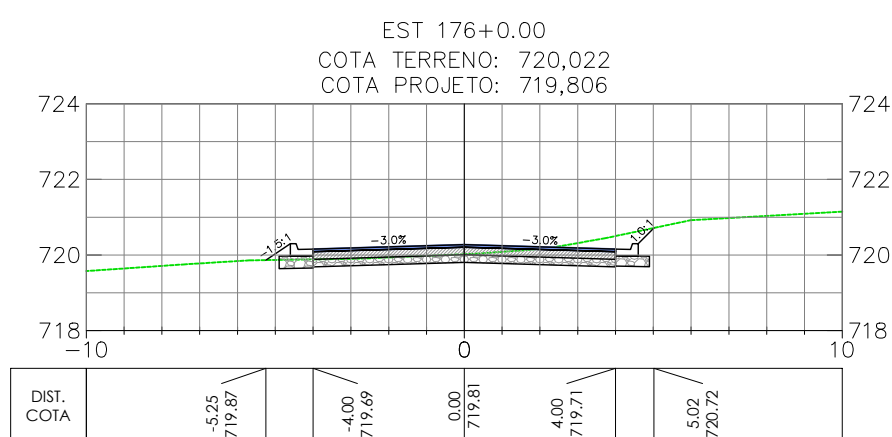
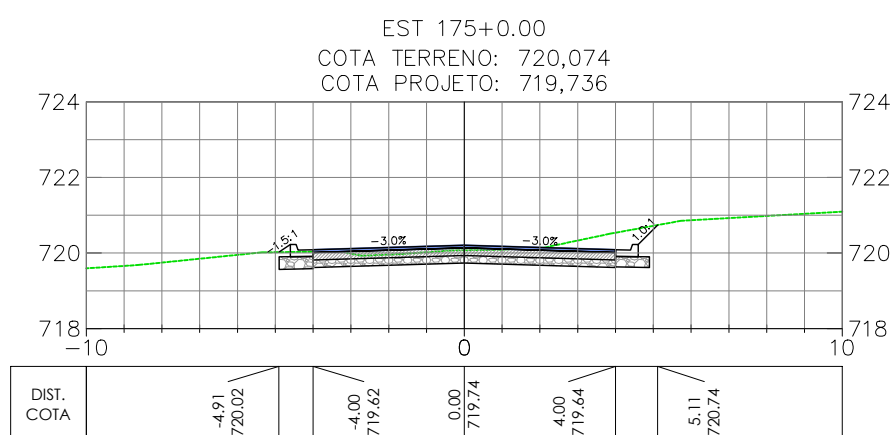
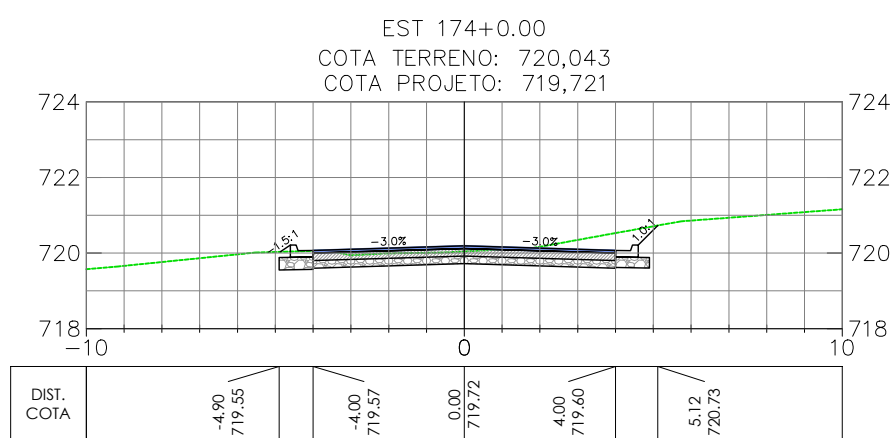
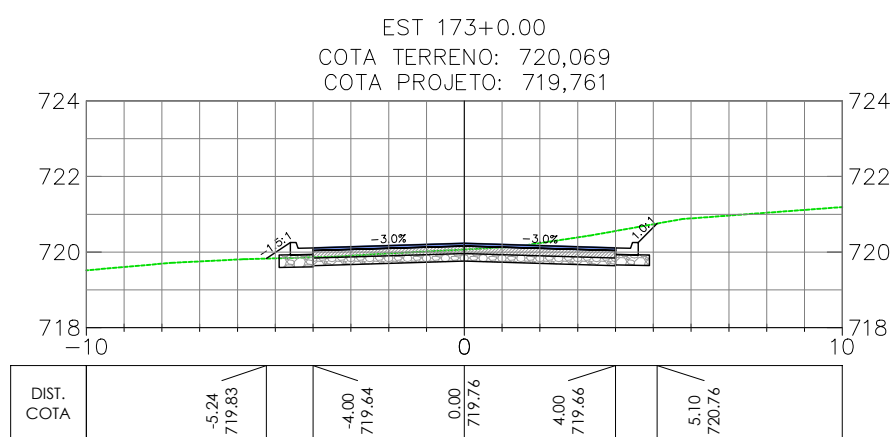
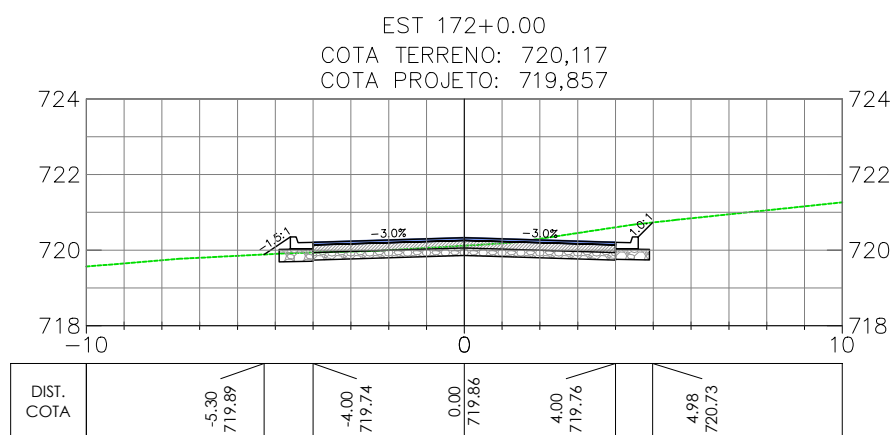
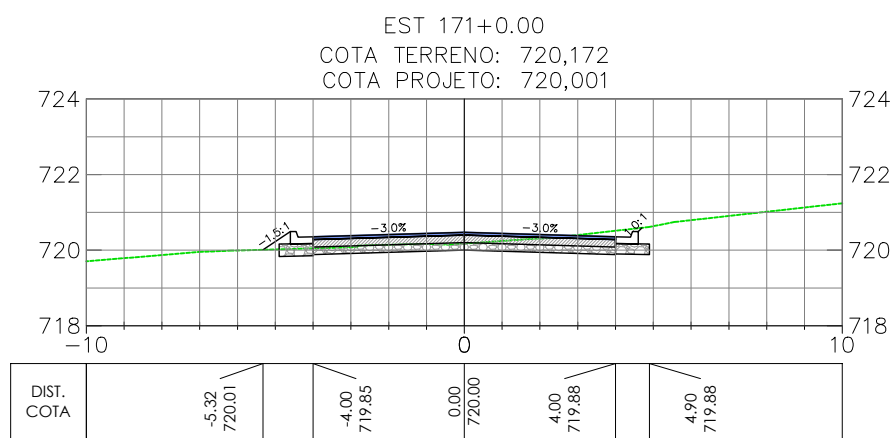
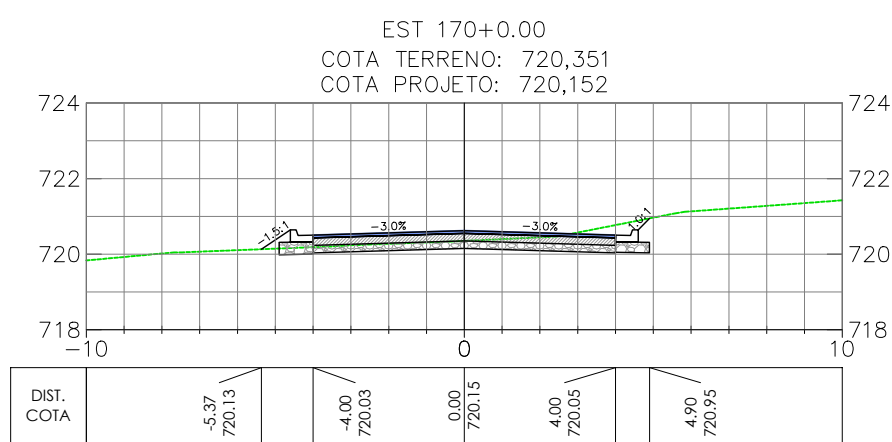
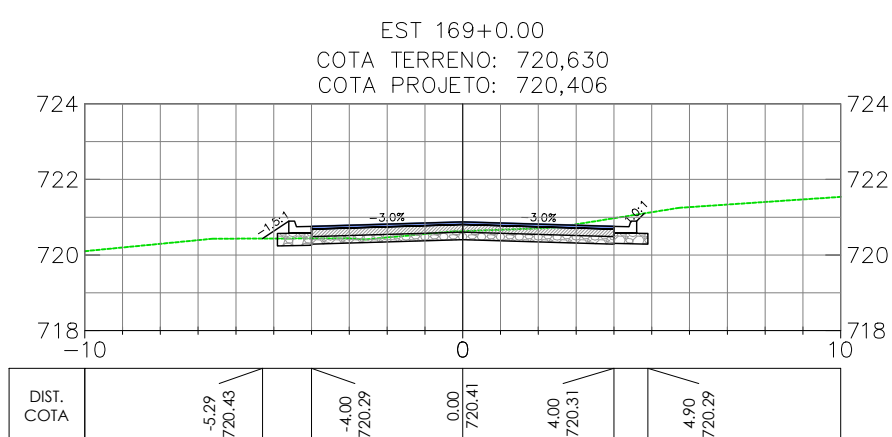
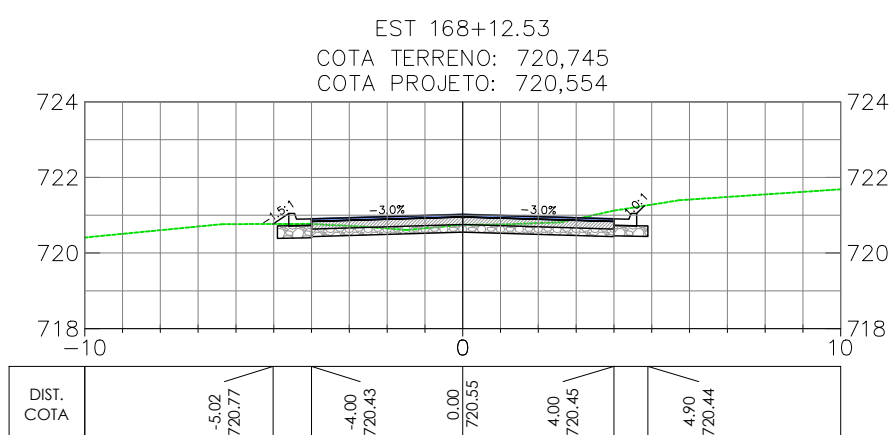
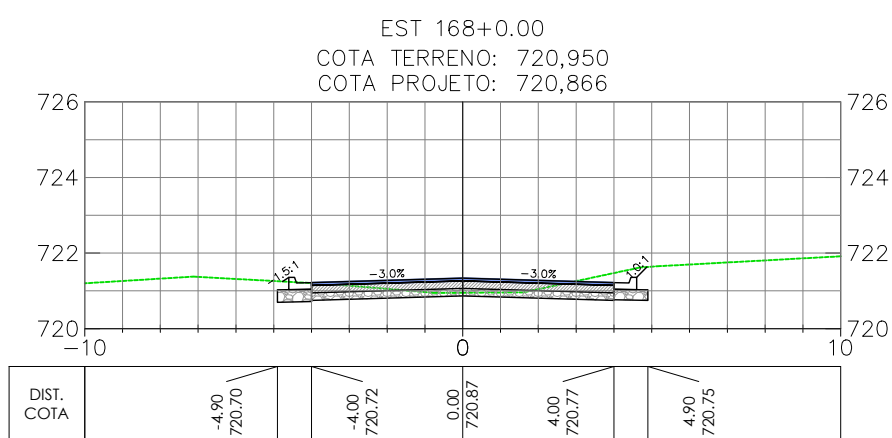
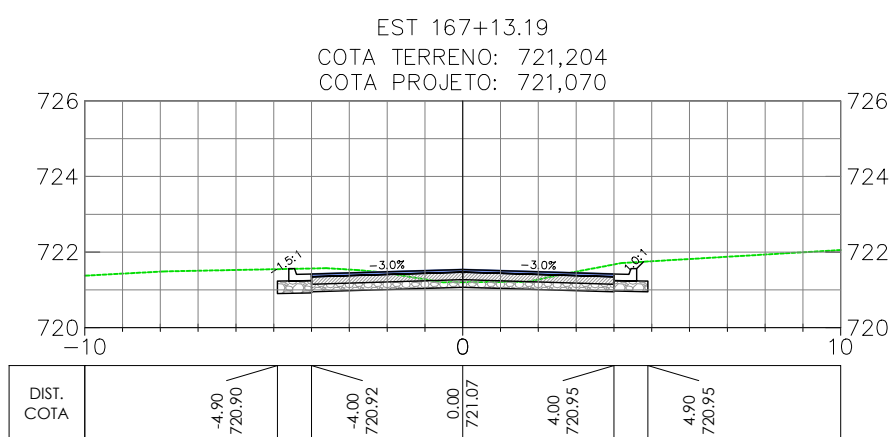
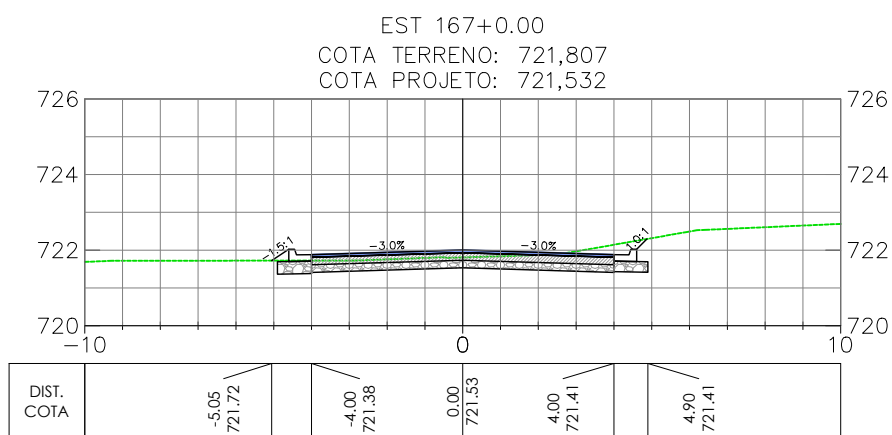
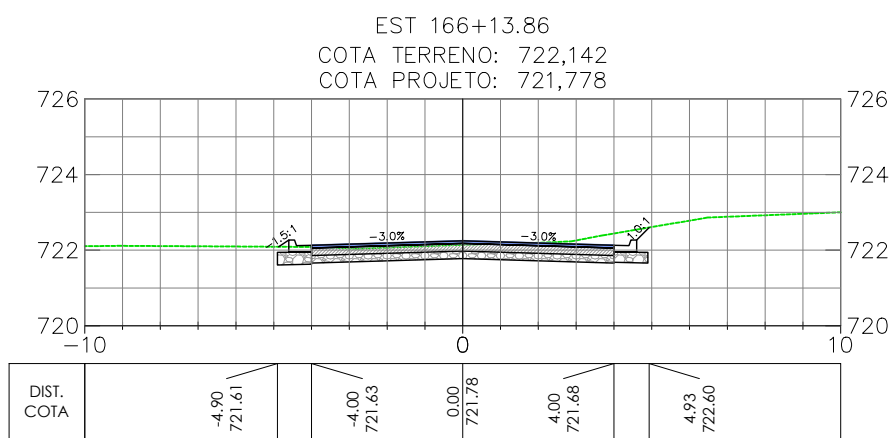
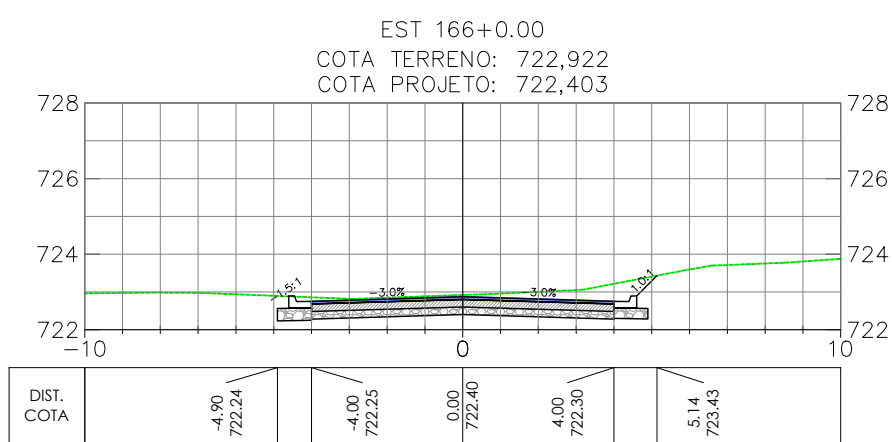
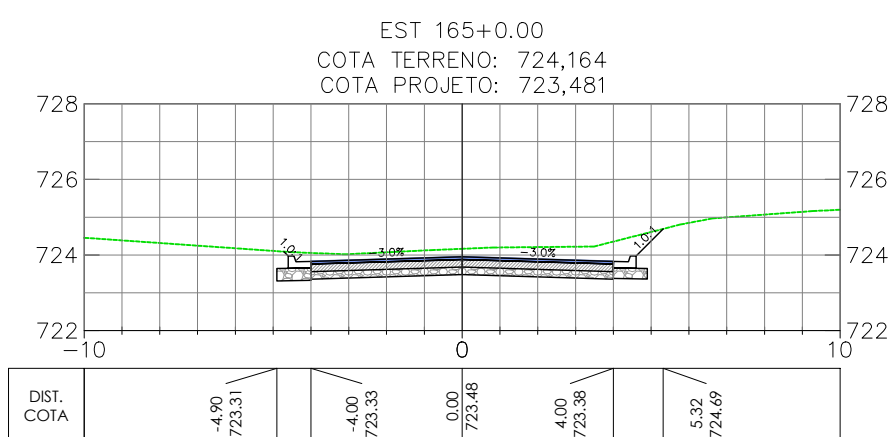
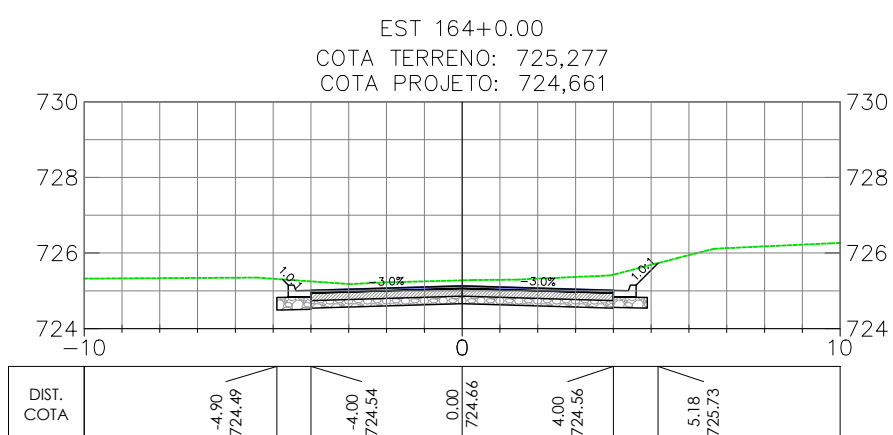
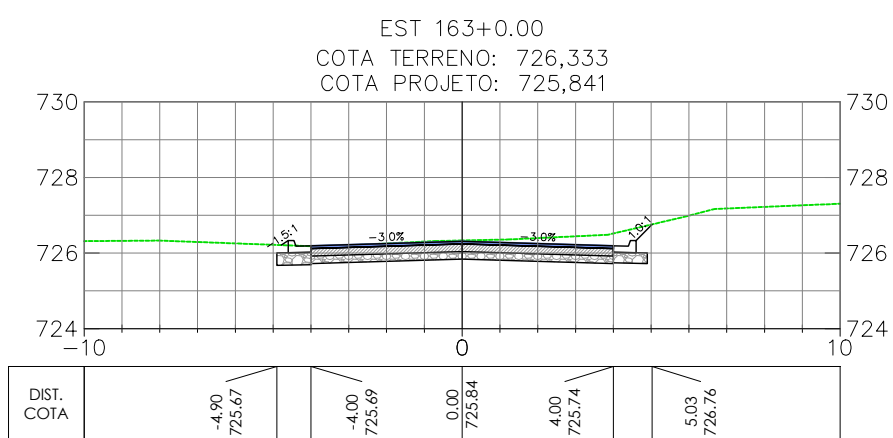
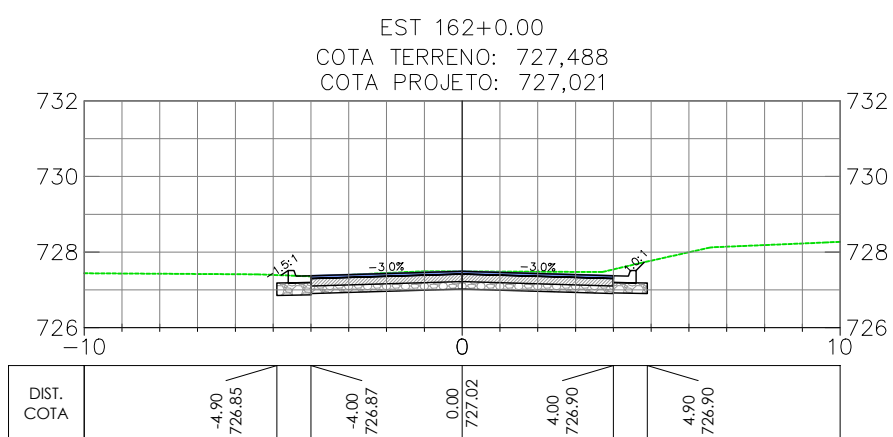
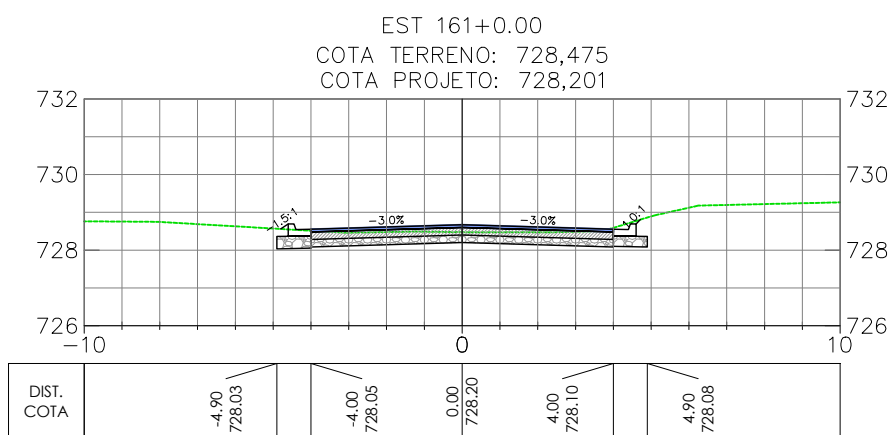
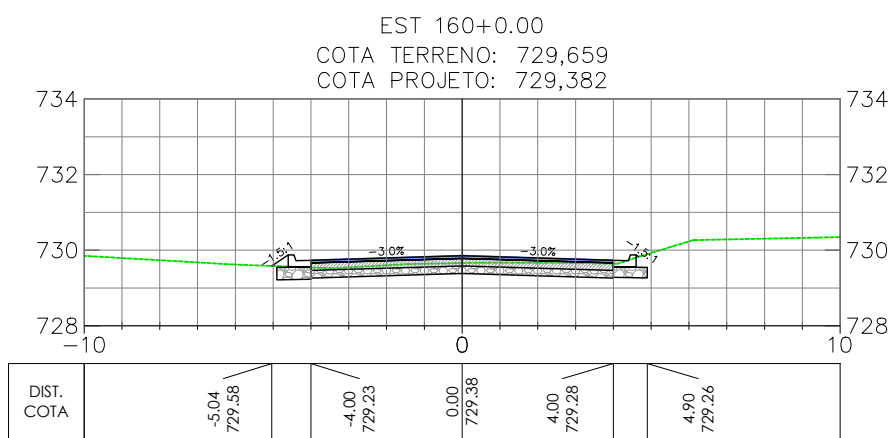
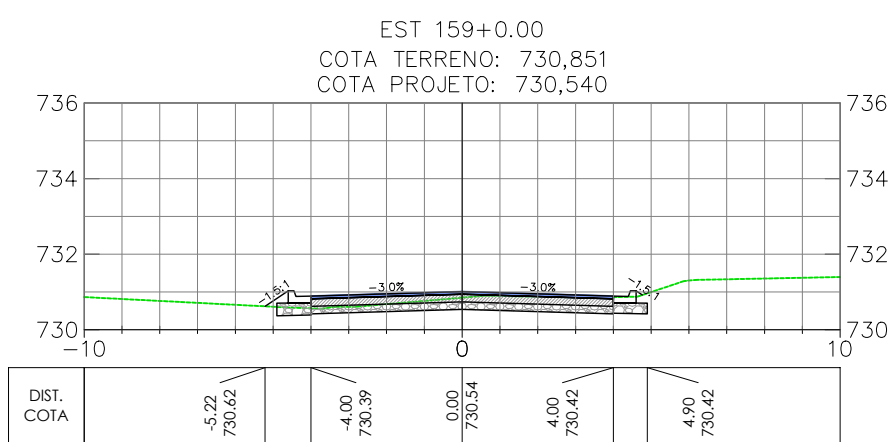
DATA: JULHO/2022	ESCALA: 1:200	CÓDIGO: PRJ-TER
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TÍTULO DOS DESENHOS: SEÇÕES TRANSVERSAIS - ANEL RODOVIÁRIO (EST. 134+0.00 A EST. 158+0.00) SEÇÃO TIPO	PRANCHAS: 07/39
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DIREITOS AUTORAIS RESERVADOS: PROIBIDO REPRODUÇÃO, DIVULGAÇÃO OU ALTERAÇÃO SEM ORDEM EXPRESSA DO AUTOR. TÍTULO DOS DESENHOS: PRJ-EXE-TER-PRD-ARO-0181-REV02



Anel Rodoviário



OBSERVAÇÕES

- OBSERVAÇÕES GERAIS:
- 1 - MEDIDAS, COORDENADAS E ELEVÇÕES EM METRO, EXCETO ONDE INDICADO
  - 2 - PODERÃO OCORRER AJUSTES EM CAMPO QUANDO A EXECUÇÃO DA OBRA POR DETERMINAÇÃO DA PREFEITURA.

LEGENDA

- EIXO PROJETADO  
TERRENO NATURAL

REVISÃO	DESCRIÇÃO	TIPO	ELABORADO	VERIFICADO	DATA
00	EMIÇÃO INICIAL	EXE	GMT	LGR	15/09/2021
01	REVISÃO	EXE	CLP	LGR	04/02/2022
02	REVISÃO	EXE	IFT	LGR	09/08/2022

TIPOS DE EMISSÃO	ATP - ANTEPROJETO BSC - BÁSICO EXE - EXECUTIVO	APV - APROVADO PCT - P/ CONSTRUÇÃO ASB - "AS BUILT"	CNC - CANCELADO
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**OBJETIVA** OBJETIVA PROJETOS E SERVIÇOS  
ALAMEDA OSCAR NIEMAYER, Nº500, SALA 505 - VALE DO SERENO  
NOVA LIMA-MO - CEP: 34.006-056  
TEL.: (31) 3347-4405 / (31) 3347-7079 / (31) 3571-1920  
EMAIL: contata@grupoprojetosengenharia.com.br

**PREFEITURA MUNICIPAL DE BOM DESPACHO**  
PRÇA RMA ALBUQUERQUE, Nº45 - CENTRO  
BOM DESPACHO-MG - CEP: 35.600-000  
TEL: 0800 285 9797

PROJETO DE INFRAESTRUTURA

ANEL RODOVÁRIO LIGAÇÃO ENTRE BR-262 E MG-164, BOM DESPACHO-MG

PROJETO DE TERRAPLENAGEM

AUTORIA DO PROJETO:	CONTRATANTE DO PROJETO:
JULIANA GONÇALVES OLIVEIRA CREA MG - 239787/D	RESPONSÁVEL DA CONTRATANTE

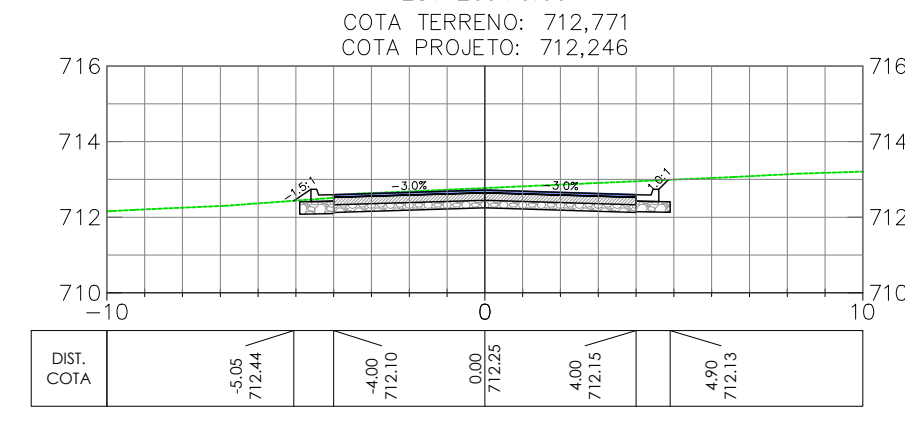
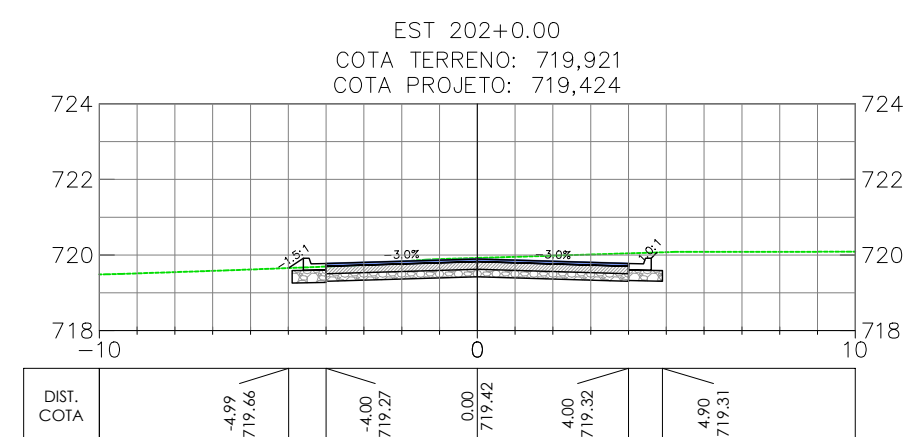
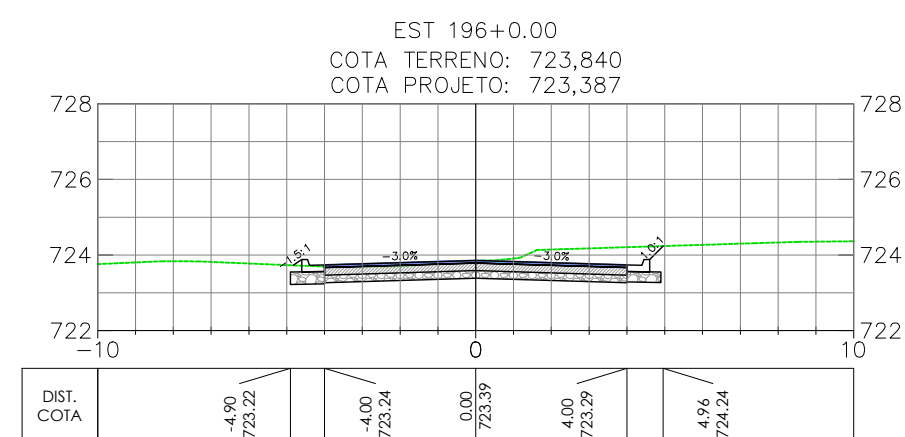
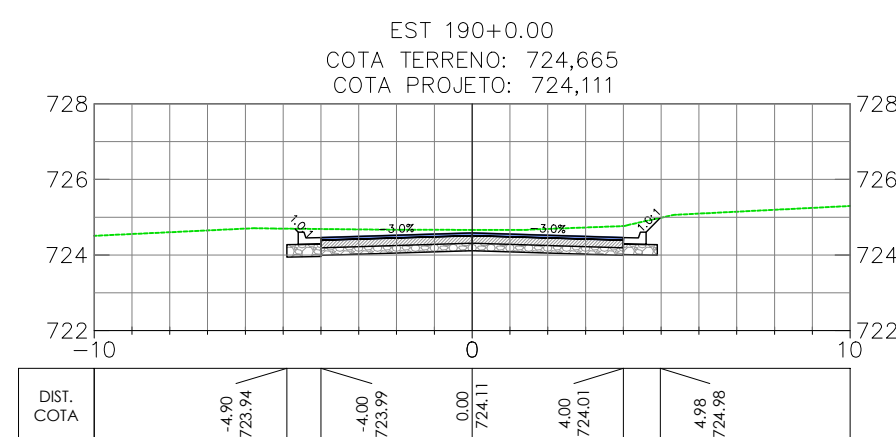
DATA: JULHO/2022	ESCALA: 1:200	CÓDIGO: PRJ-TER
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TÍTULO DOS DESENHOS: SEÇÕES TRANSVERSAIS - ANEL RODOVÁRIO (EST. 159+0.00 A EST. 183+0.00) SEÇÃO TIPO	PRCHA: 08/39
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DIREITOS AUTORAIS RESERVADOS: PROIBIDO REPRODUÇÃO, DIVULGAÇÃO OU ALTERAÇÃO SEM ORDEM EXPRESSA DO AUTOR. TÍTULO DOS DESENHOS: PRJ-EXE-TER-PRD-ARO-0181-REV02



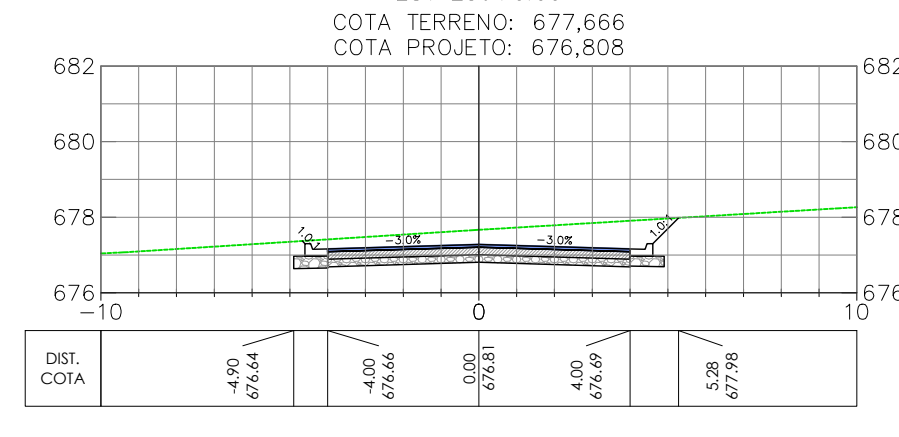
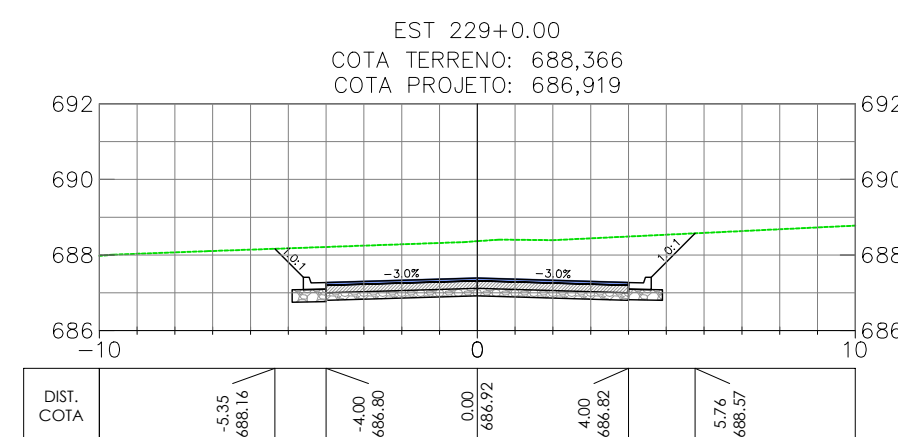
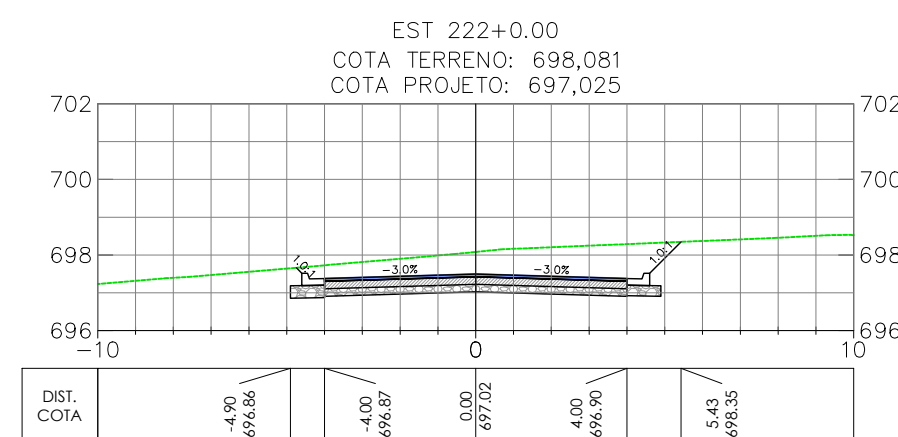
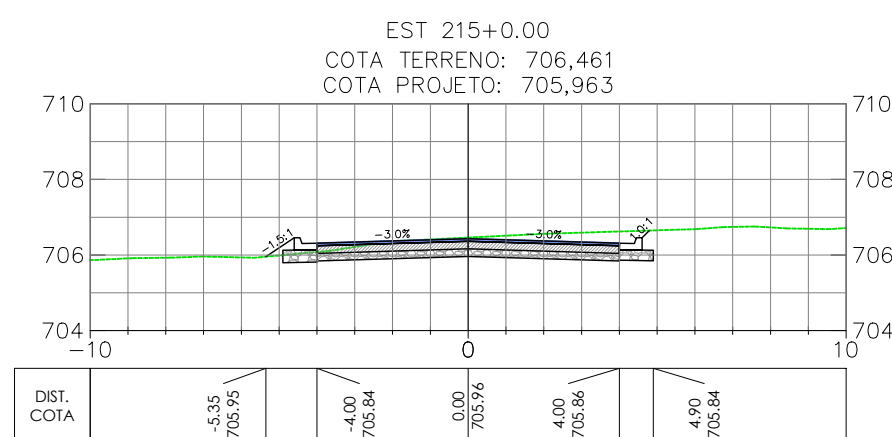
## 2



DIREITOS AUTORAIS RESERVADOS; PROIBIDO REPRODUÇÃO, DIVULGAÇÃO OU ALTERAÇÃO SEM ORDEM EXPRESSA DO AUTOR, TÍTULO DOS DESENHOS: PR-JEXE-TER-P80-ARO-0101-REV02



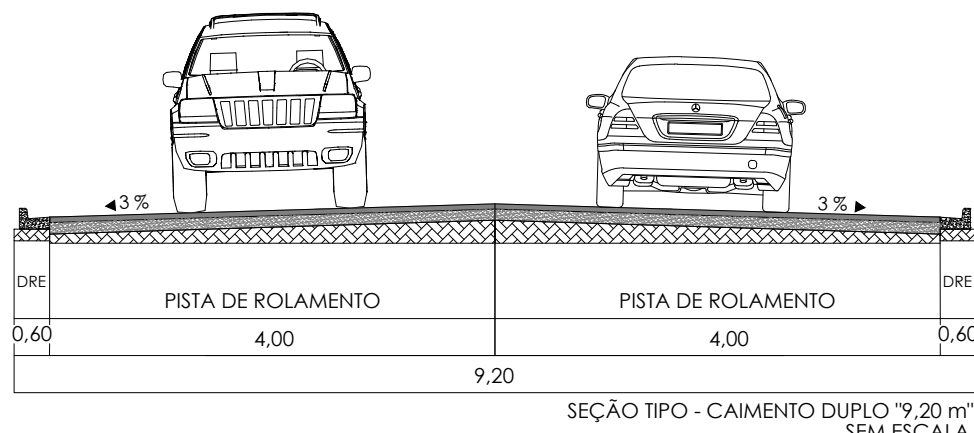
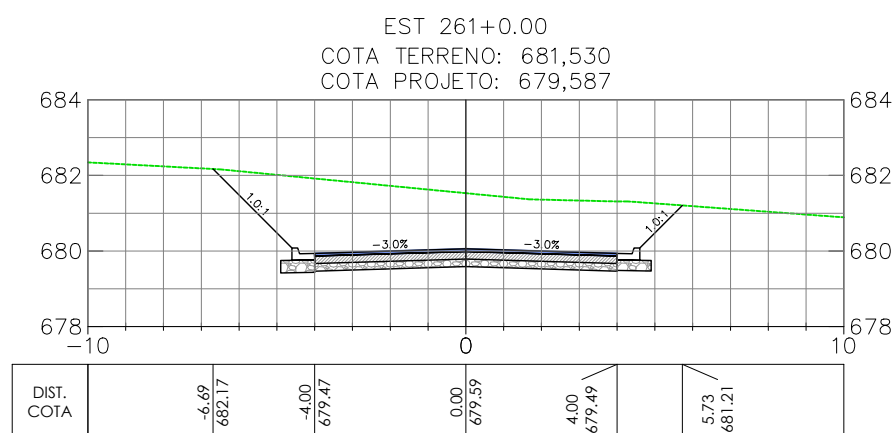
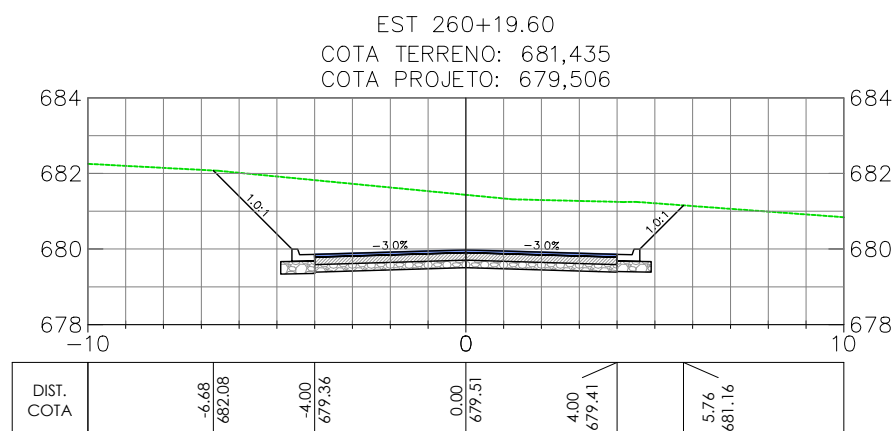
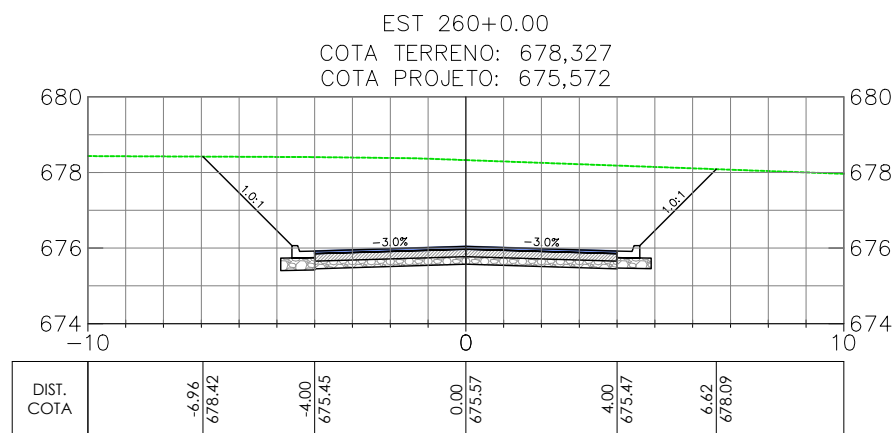
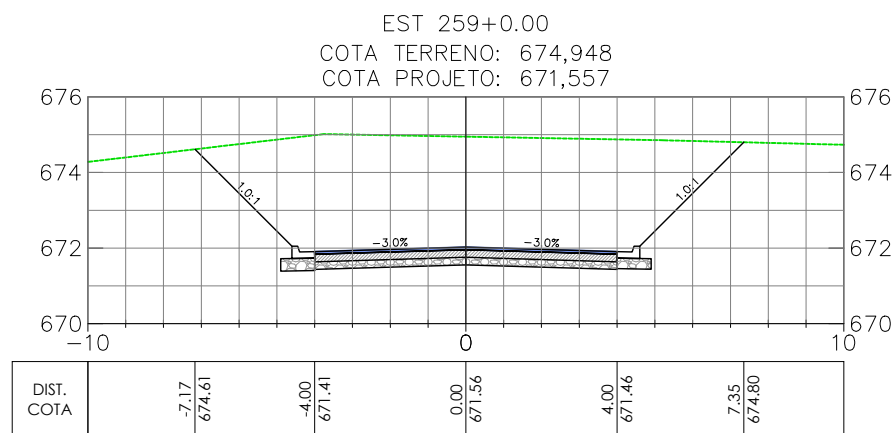
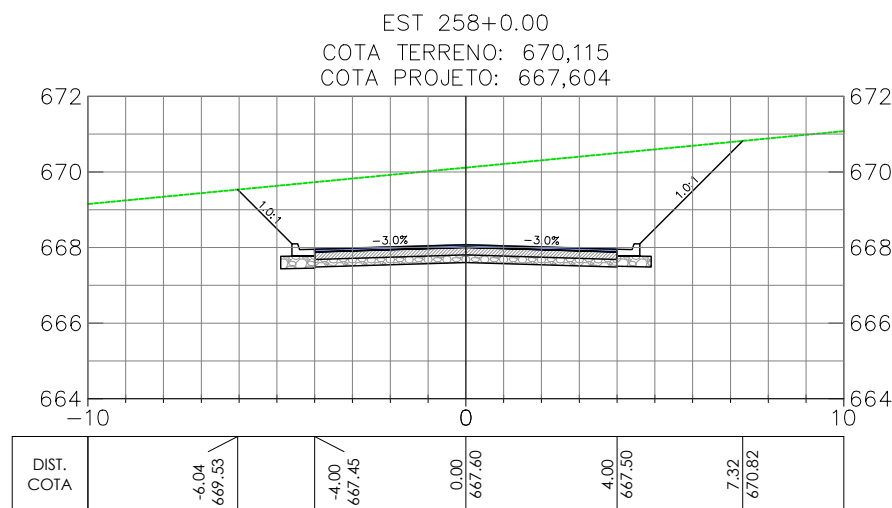
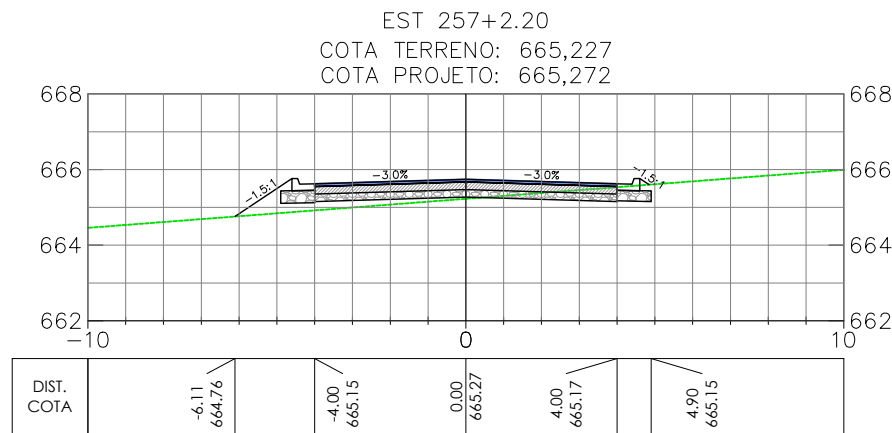
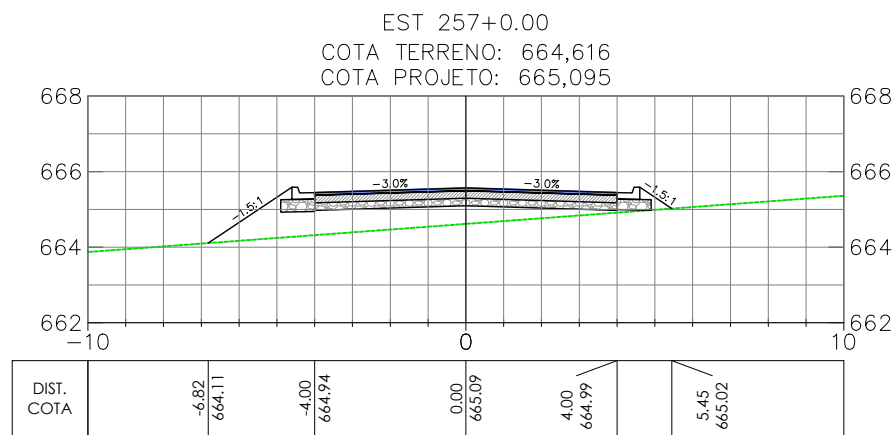
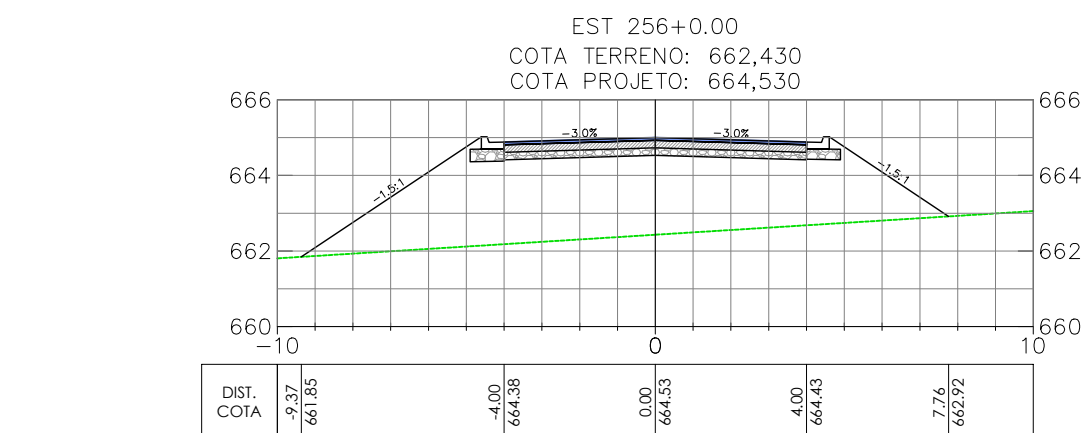
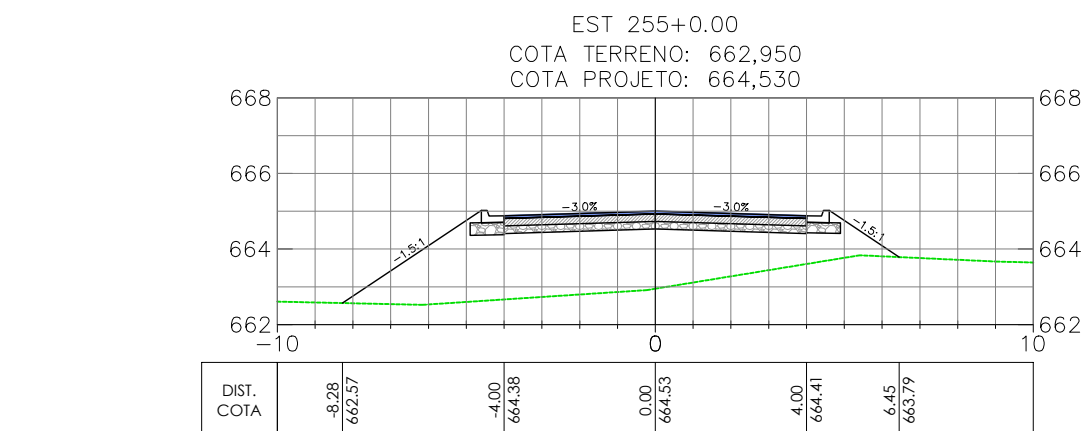
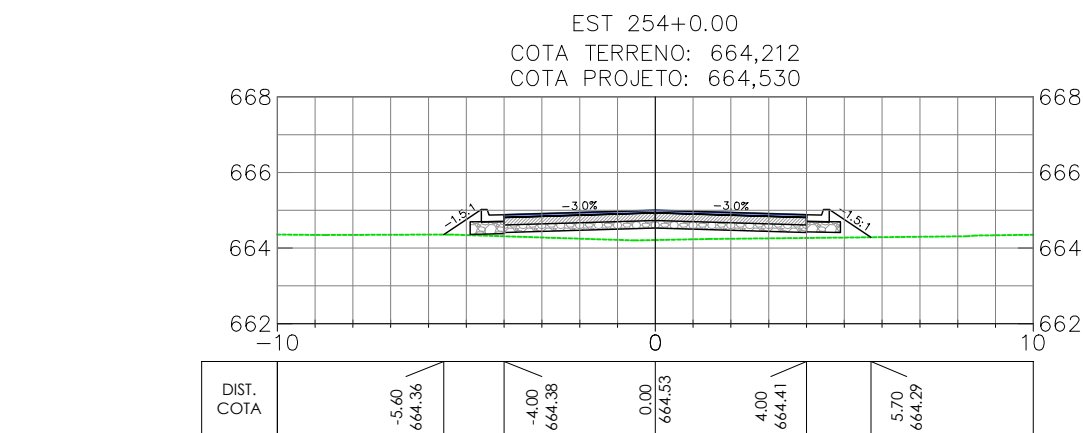
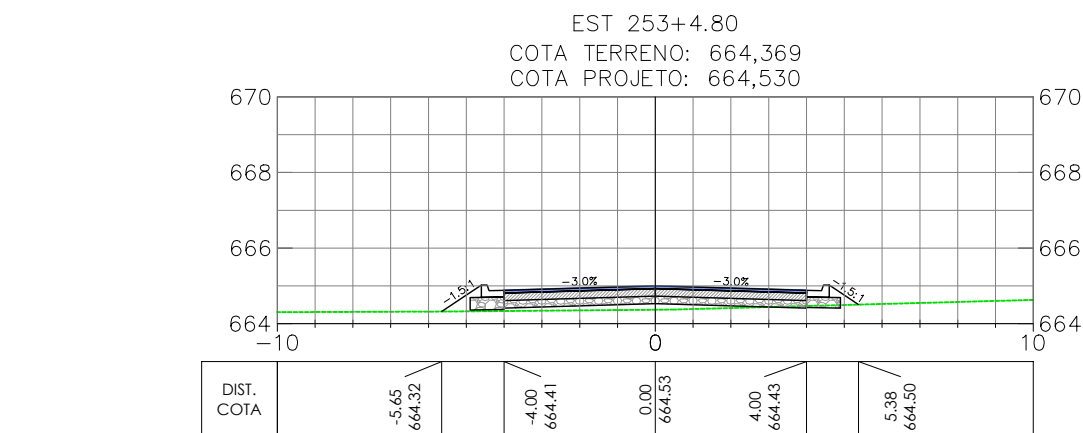
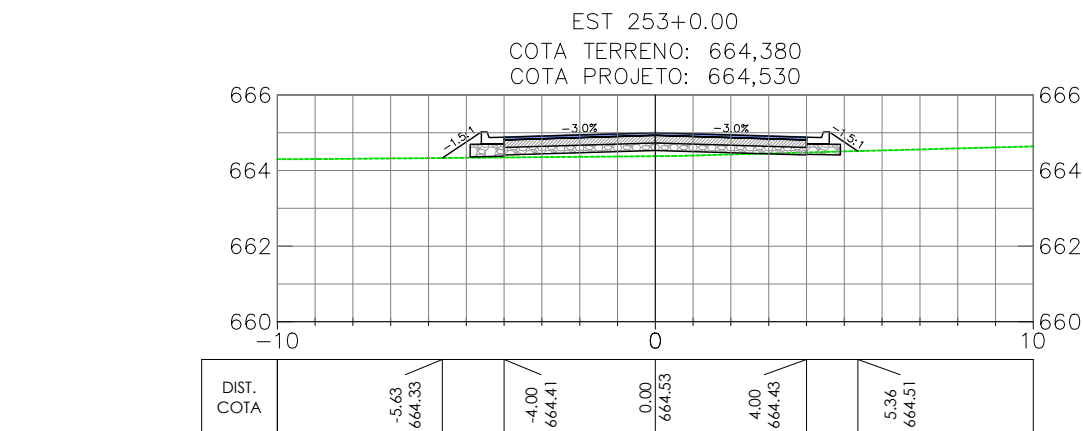
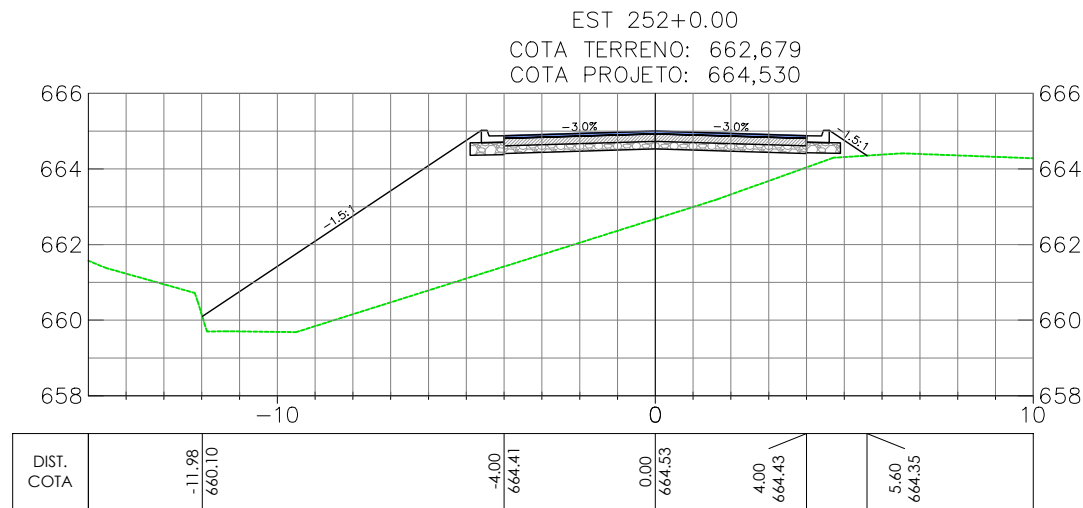
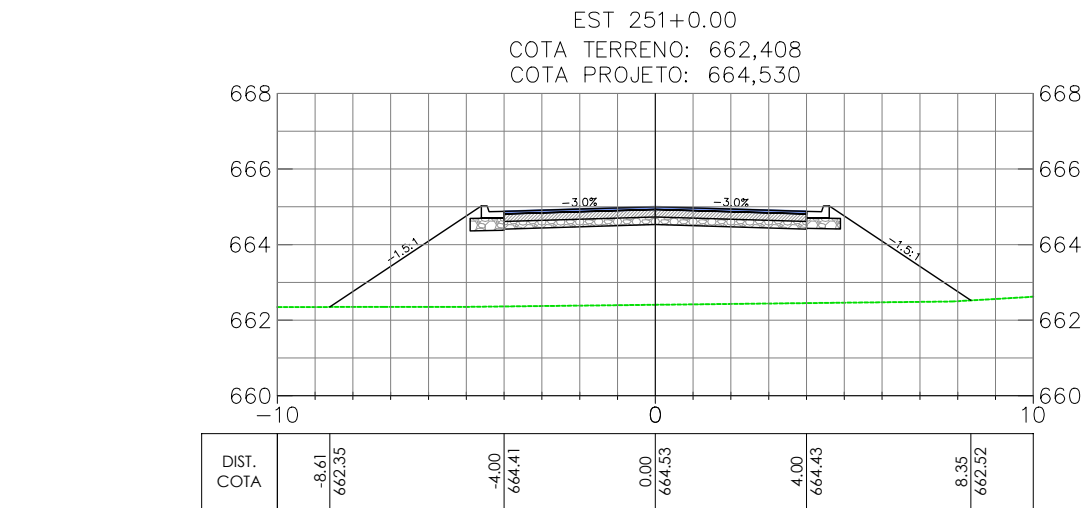
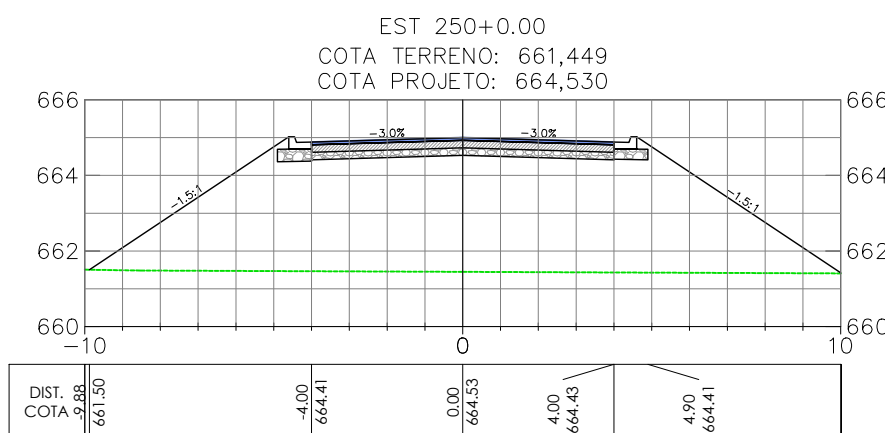
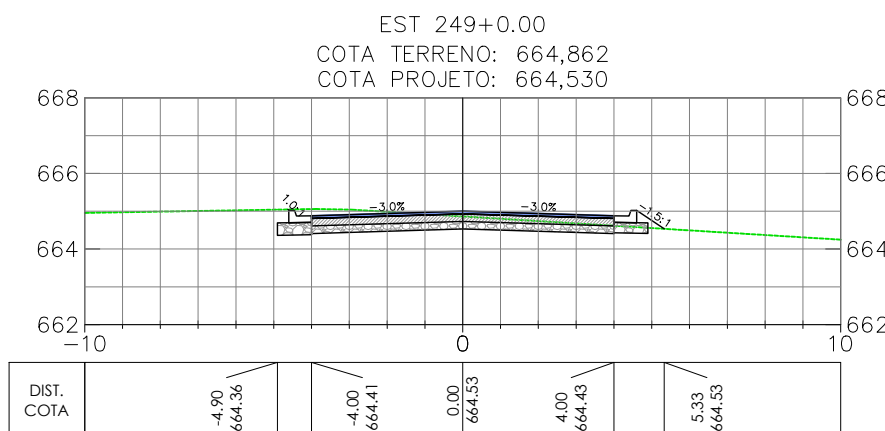
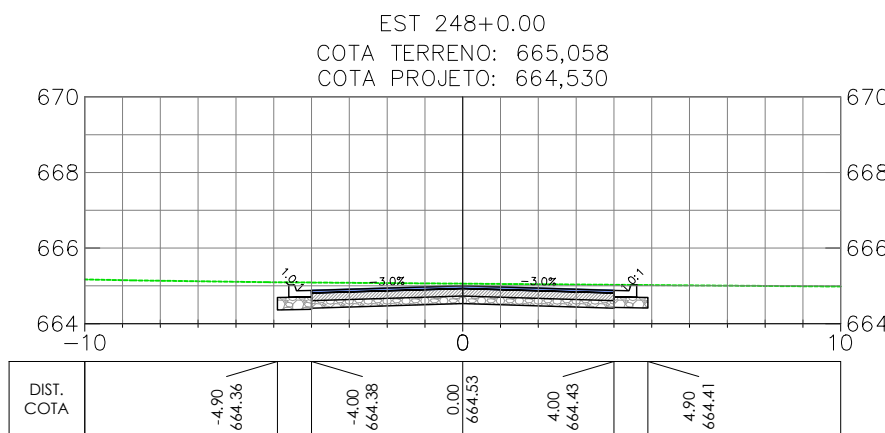
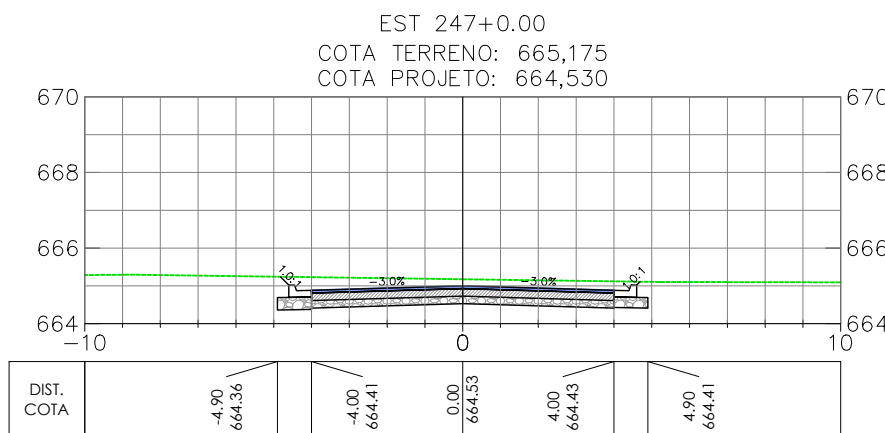
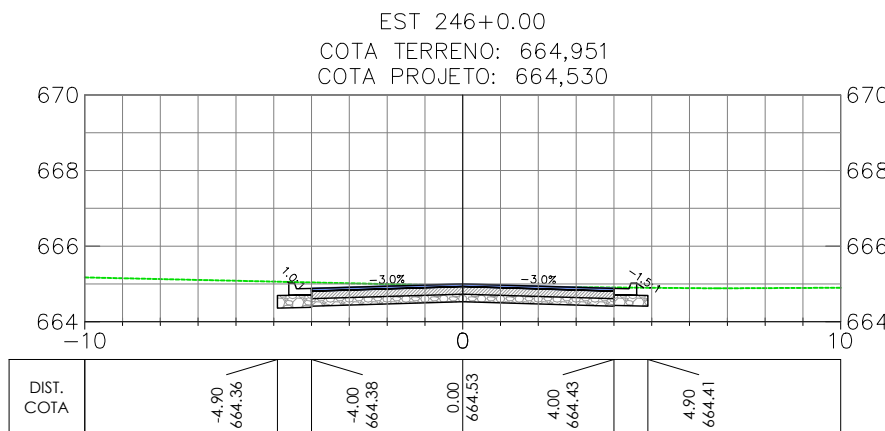
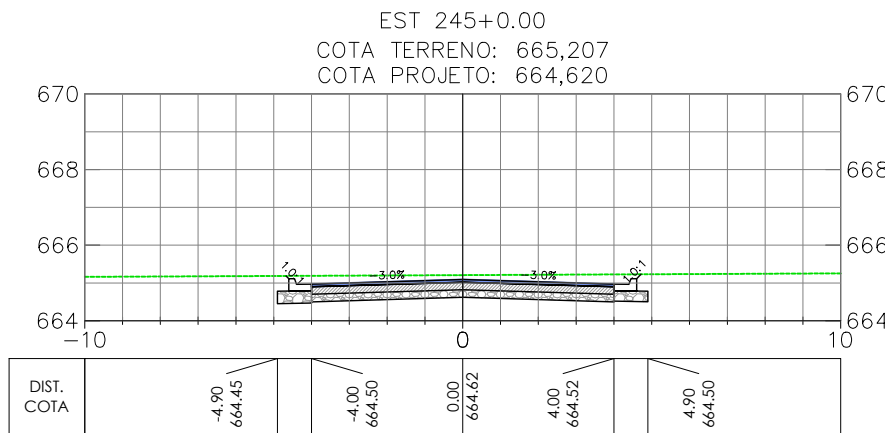
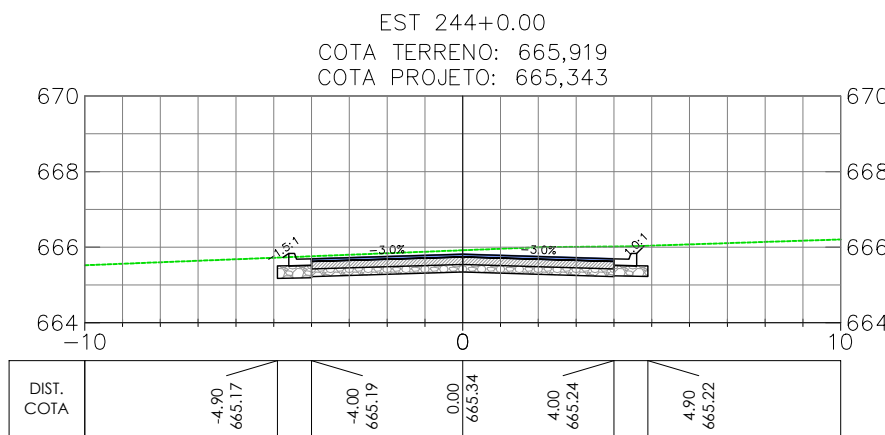
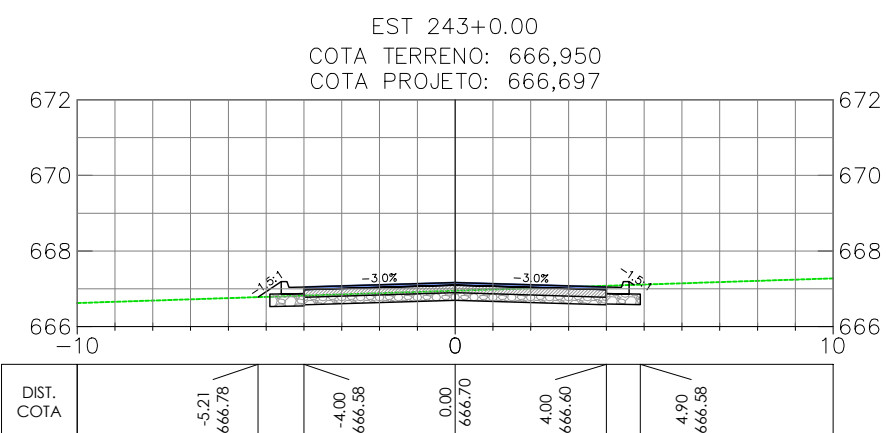
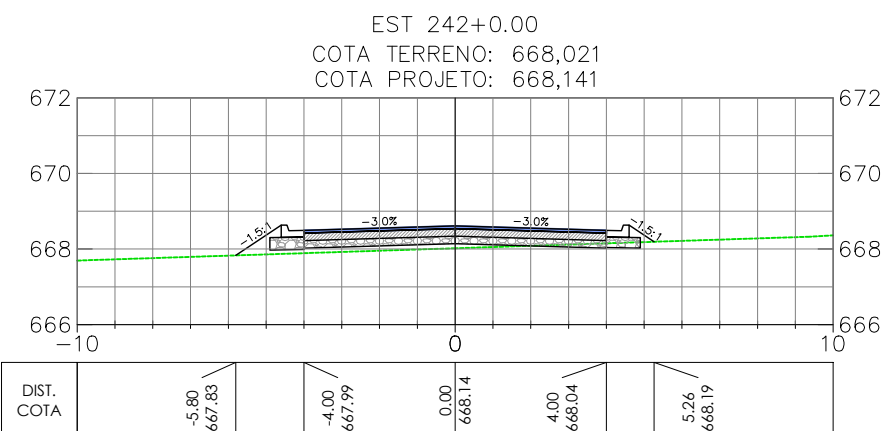
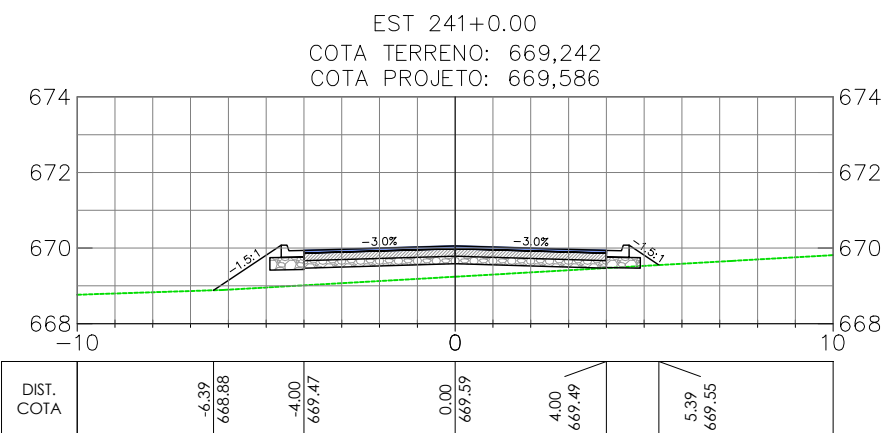
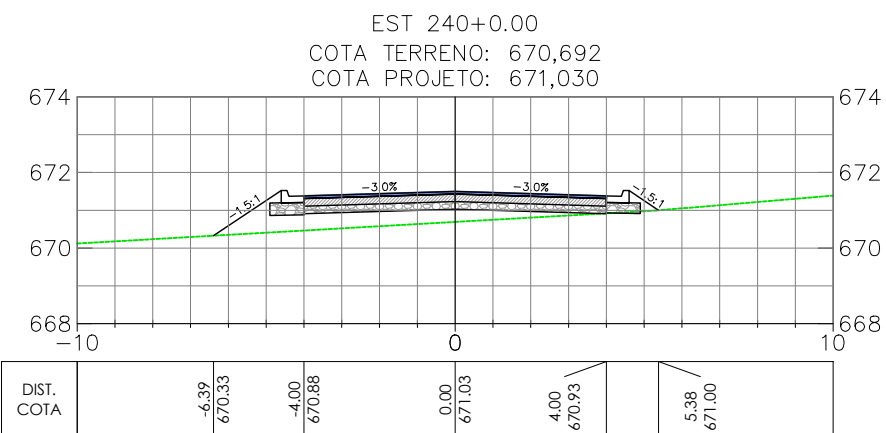
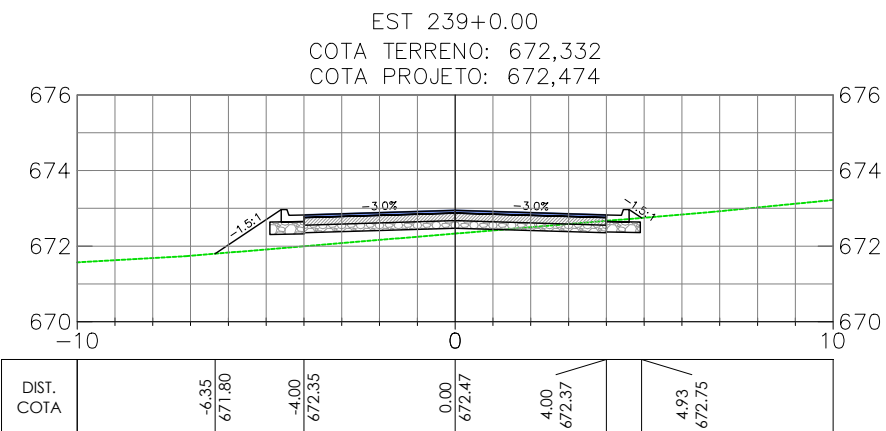
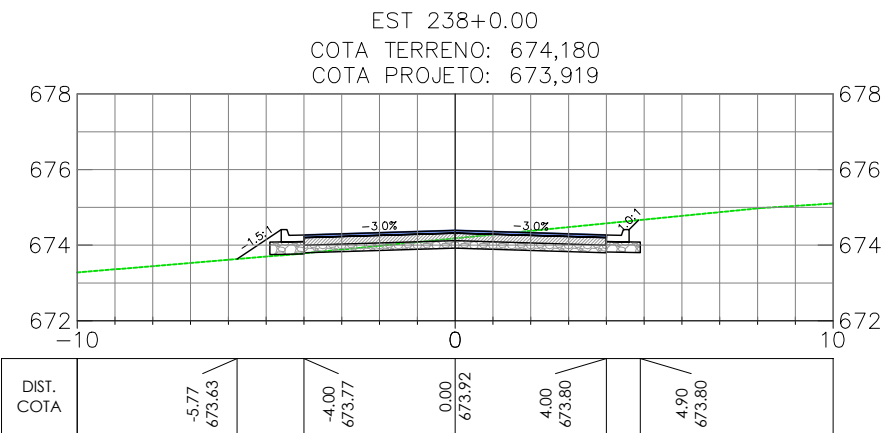
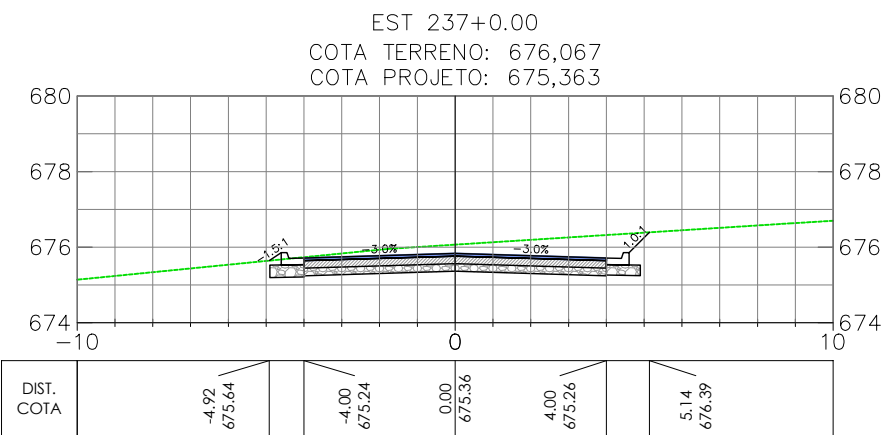
## 2



DIREITOS AUTORAIS RESERVADOS; PROIBIDO REPRODUÇÃO, DIVULGAÇÃO OU ALTERAÇÃO SEM ORDEM EXPRESSA DO AUTOR,	TÍTULO DOS DESENHOS: PRJ-EXE-TER-PBD-ARO-0101-REV02
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Anel Rodoviário



OBSERVAÇÕES

- OBSERVAÇÕES GERAIS:
- 1 - MEDIDAS, COORDENADAS E ELEVÇÕES EM METRO, EXCETO ONDE INDICADO
  - 2 - PODERÃO OCORRER AJUSTES EM CAMPO QUANDO A EXECUÇÃO DA OBRA POR DETERMINAÇÃO DA PREFEITURA.

LEGENDA

- EIXO PROJETADO  
TERRENO NATURAL

REVISÃO	DESCRIÇÃO	TIPO	ELABORADO	VERIFICADO	DATA
00	EMIÇÃO INICIAL	EXE	GMT	LGR	15/09/2021
01	REVISÃO	EXE	CLP	LGR	04/02/2022
02	REVISÃO	EXE	IFT	LGR	09/08/2022

TIPOS DE EMISSÃO	ATP - ANTEPROJETO BSC - BÁSICO EXE - EXECUTIVO	APV - APROVADO PCT - P/ CONSTRUÇÃO ASB - "AS BUILT"	CNC - CANCELADO
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**OBJETIVA** OBJETIVA PROJETOS E SERVIÇOS

ALAMEDA OSCAR NIEMAYER, Nº500, SALA 505 - VALE DO SERENO  
NOVA LIMA-MO - CEP: 34.008-056  
TEL.: (31) 3347-4405 / (31) 3347-7079 / (31) 3571-1920  
EMAIL: contata@grupoprojetosengenharia.com.br

**PREFEITURA MUNICIPAL DE BOM DESPACHO**

PRÇA RMA ALBUQUERQUE, Nº45 - CENTRO  
BOM DESPACHO-MG - CEP: 35.600-000  
TEL: 0800 285 9797

PROJETO DE INFRAESTRUTURA

ANEL RODOVÁRIO LIGAÇÃO ENTRE BR-262 E MG-164, BOM DESPACHO-MG

PROJETO DE TERRAPLENAGEM

AUTORIA DO PROJETO:	CONTRATANTE DO PROJETO:
JULIANA GONÇALVES OLIVEIRA CREA MG - 239787/D	RESPONSÁVEL DA CONTRATANTE

DATA: JULHO/2022	ESCALA: 1:200	CÓDIGO: PRJ-TER
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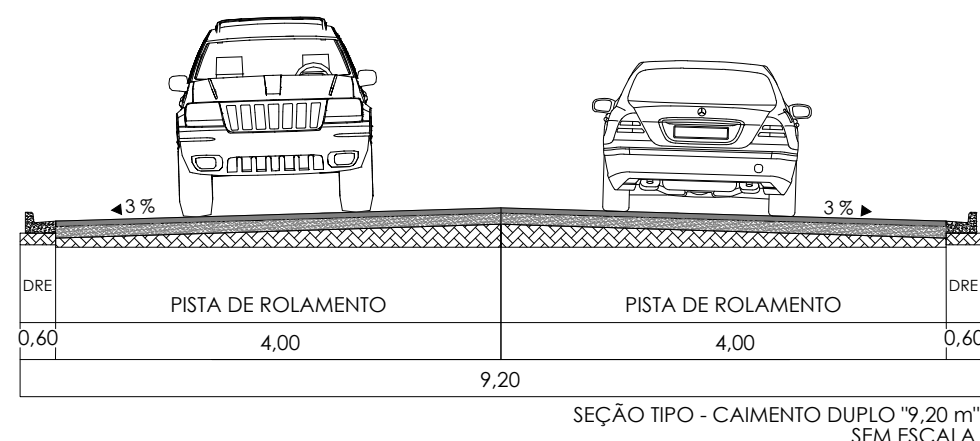
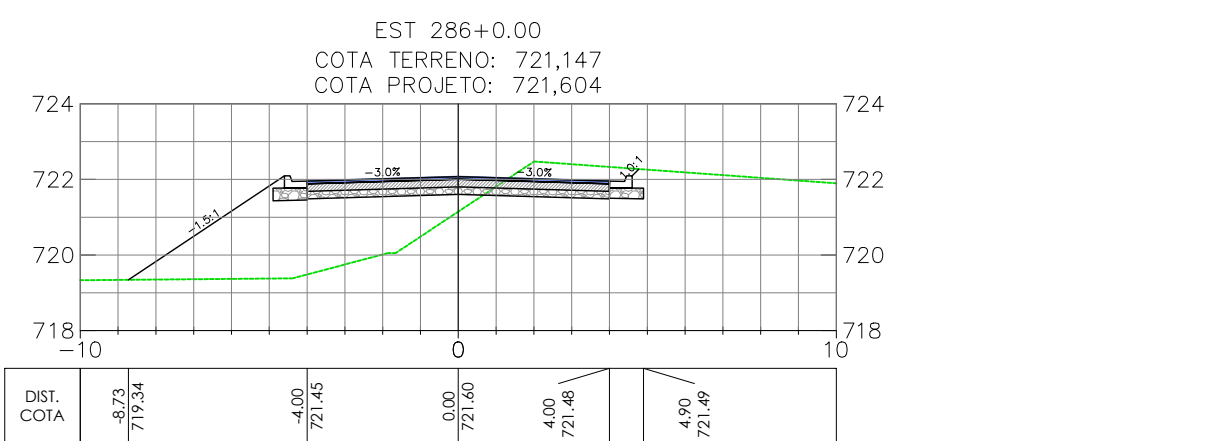
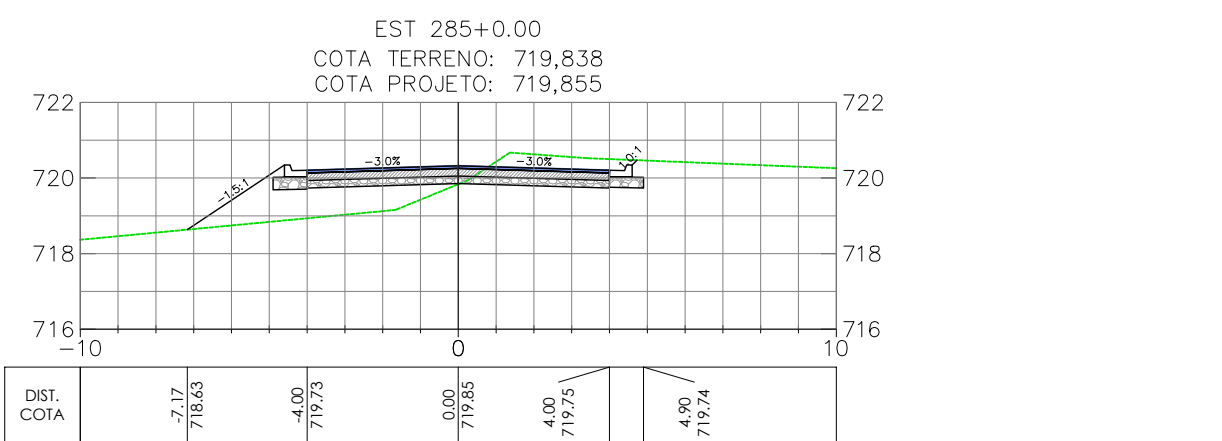
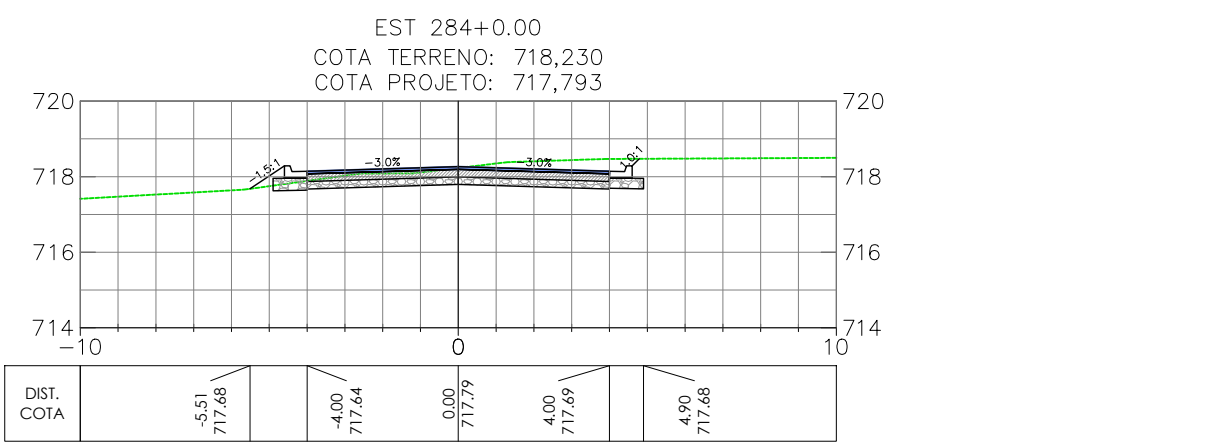
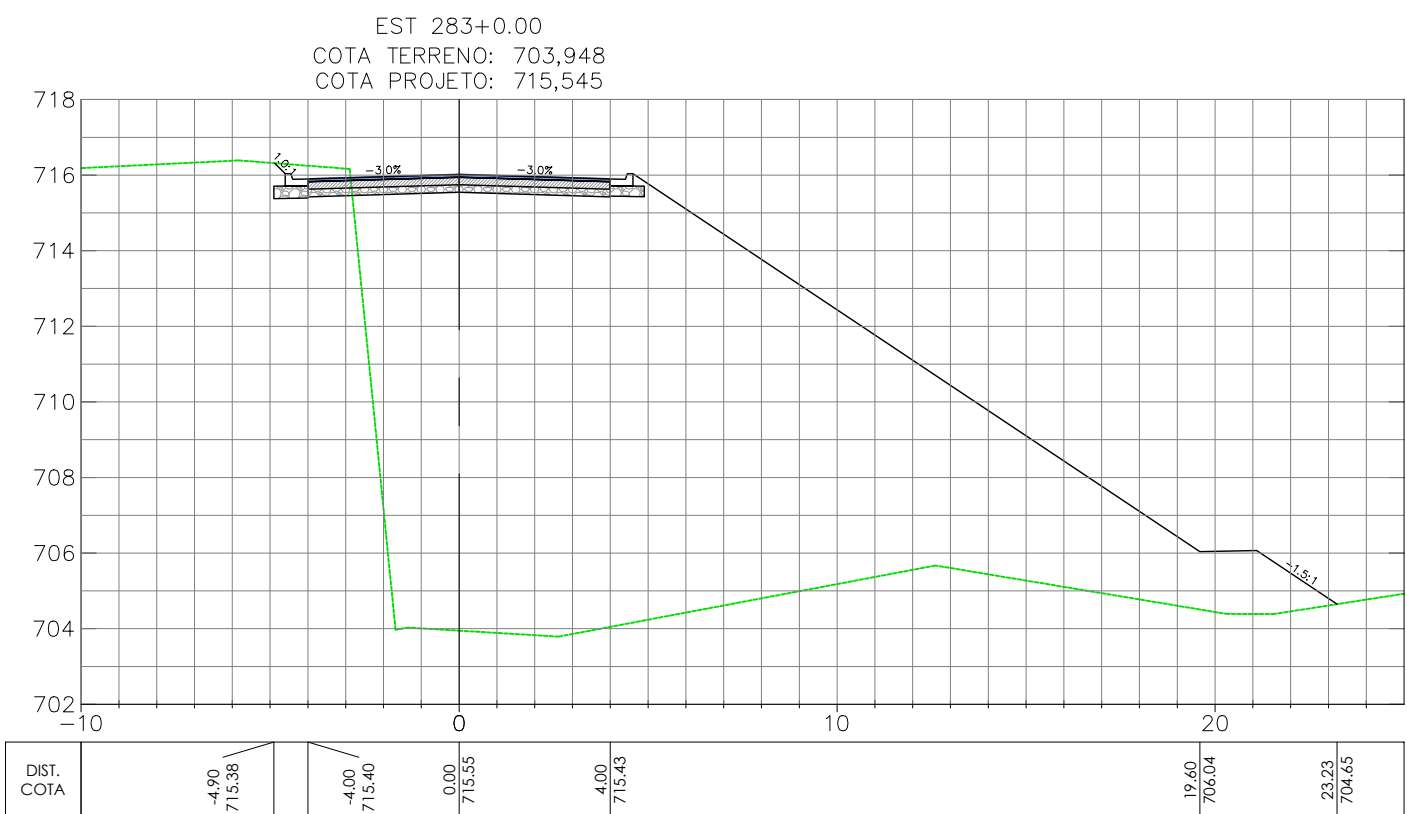
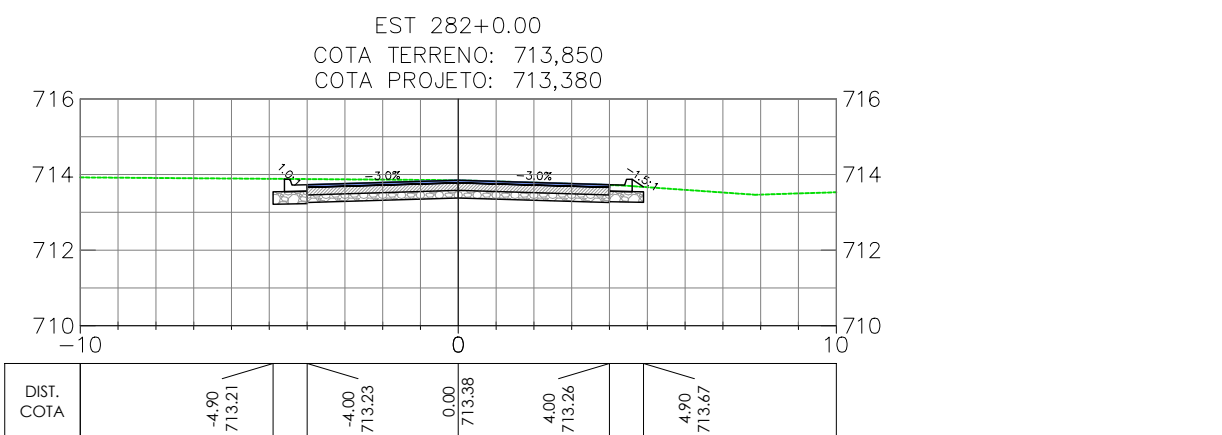
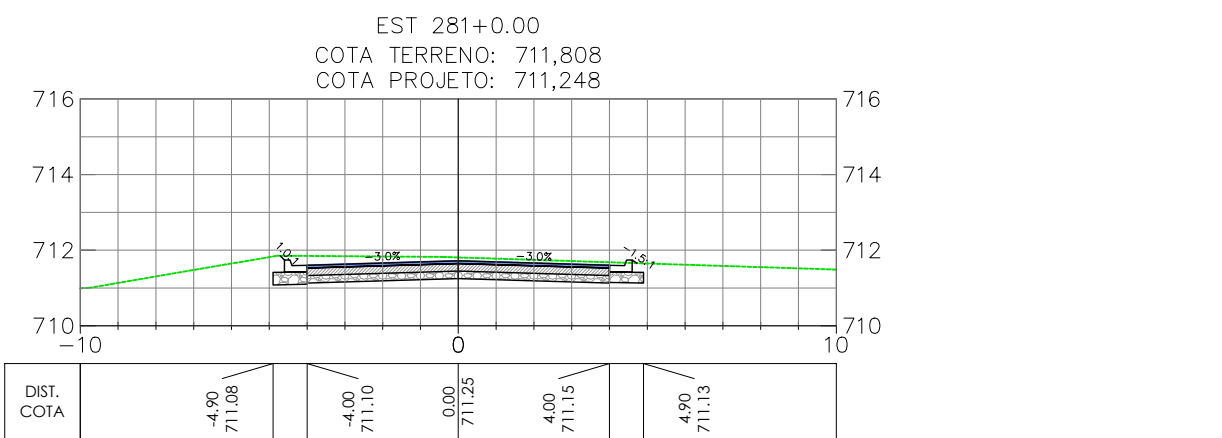
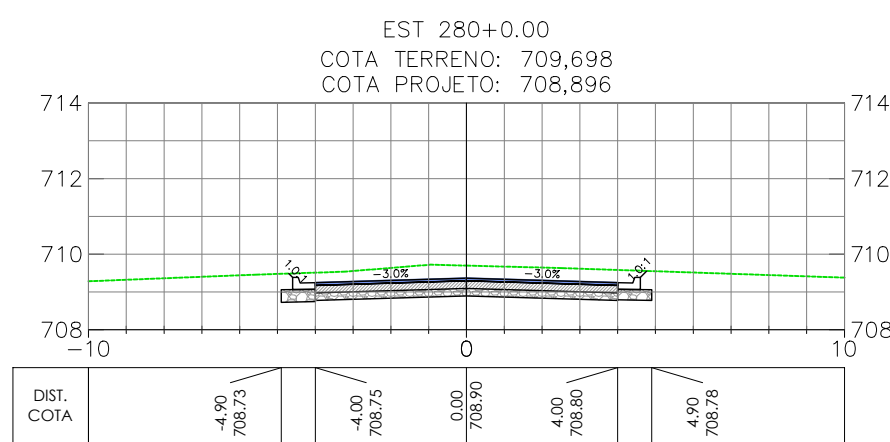
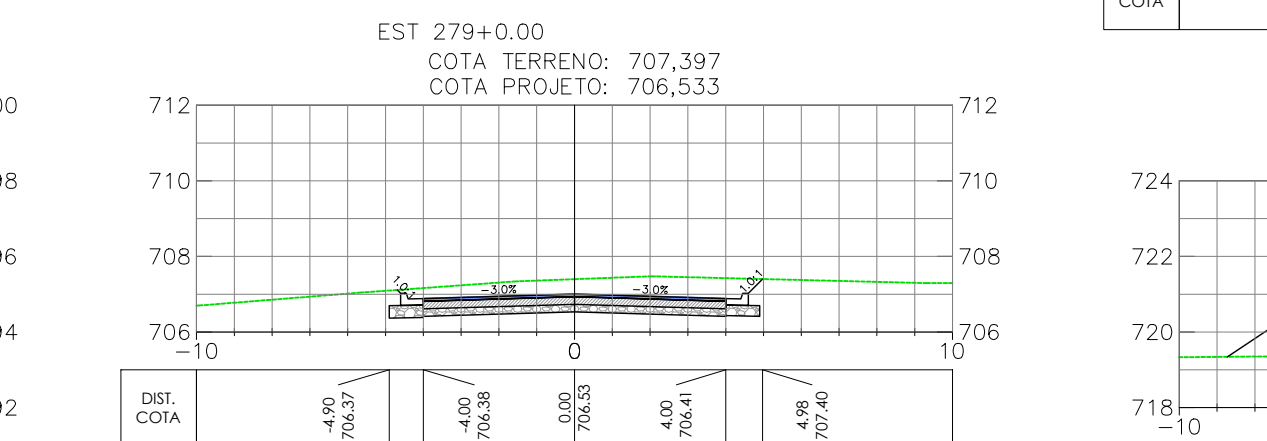
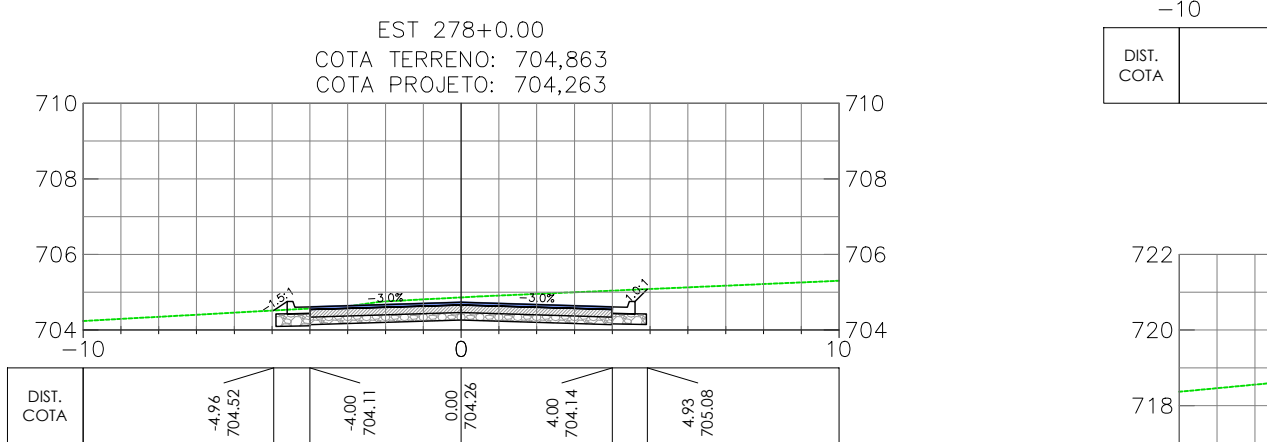
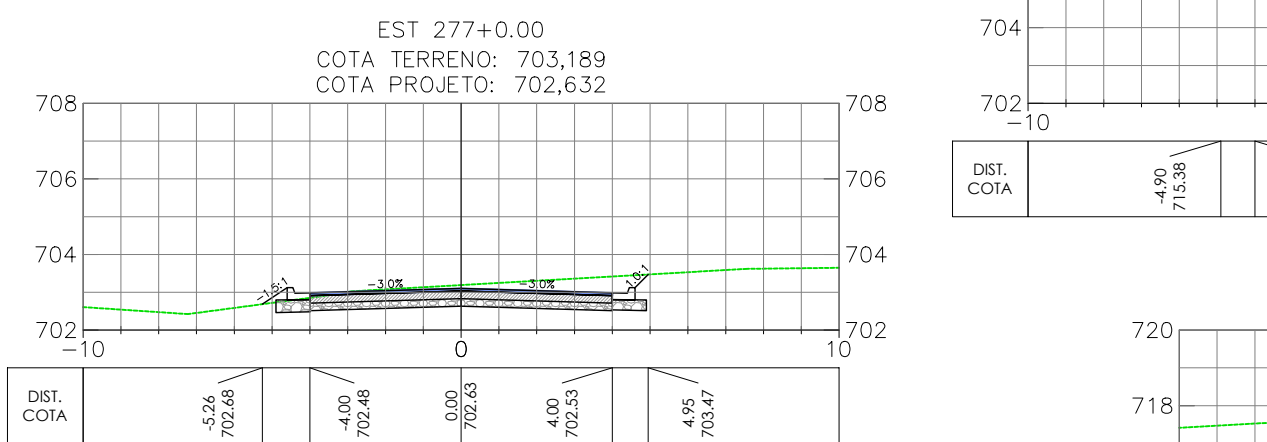
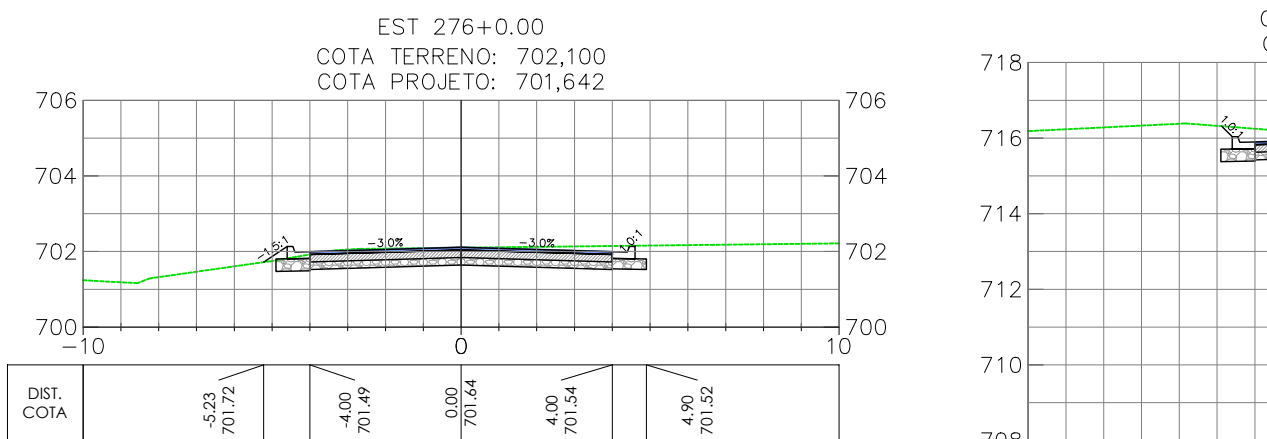
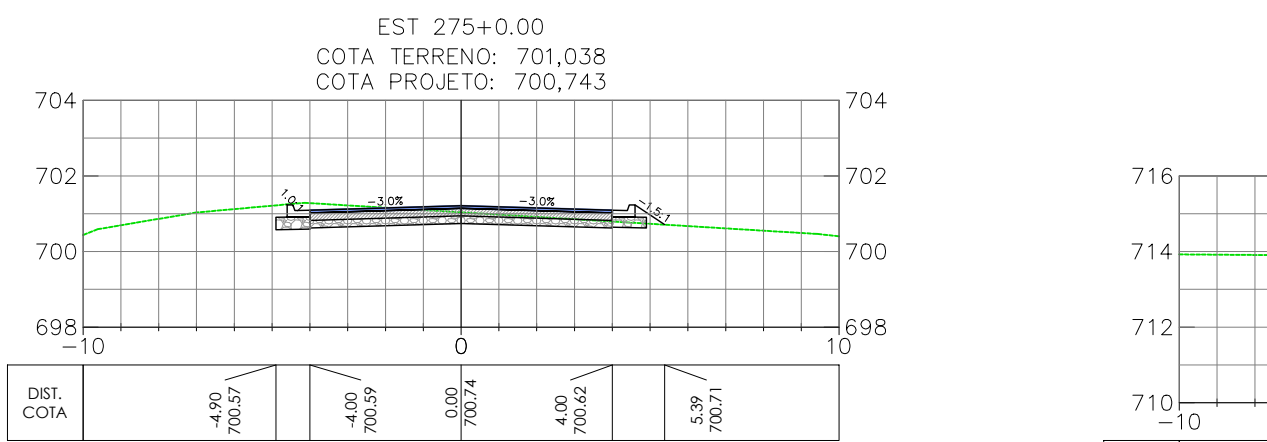
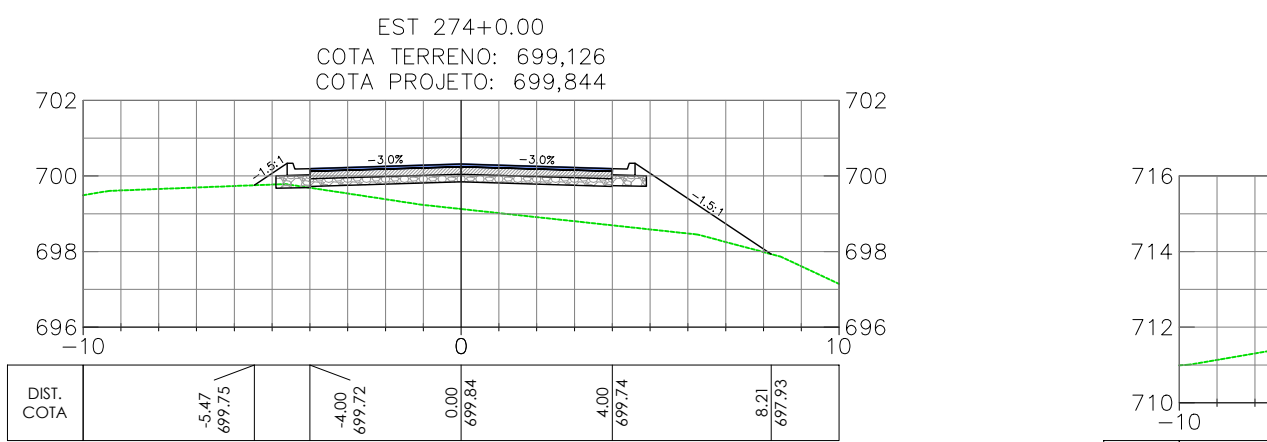
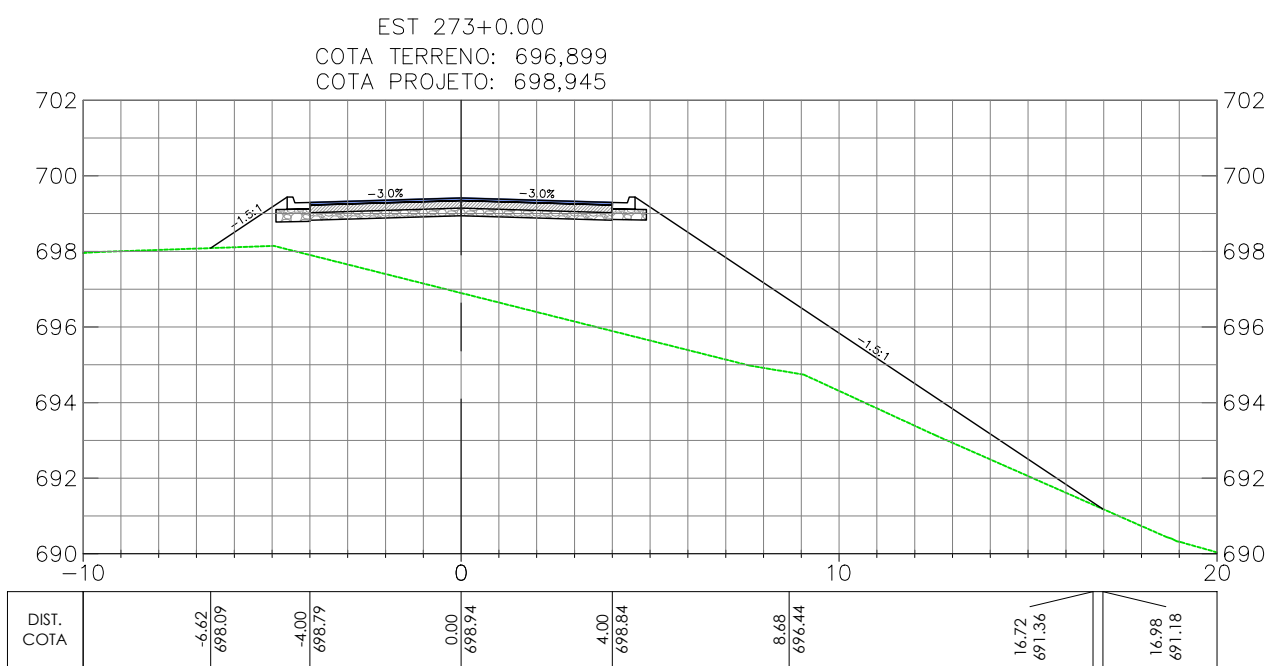
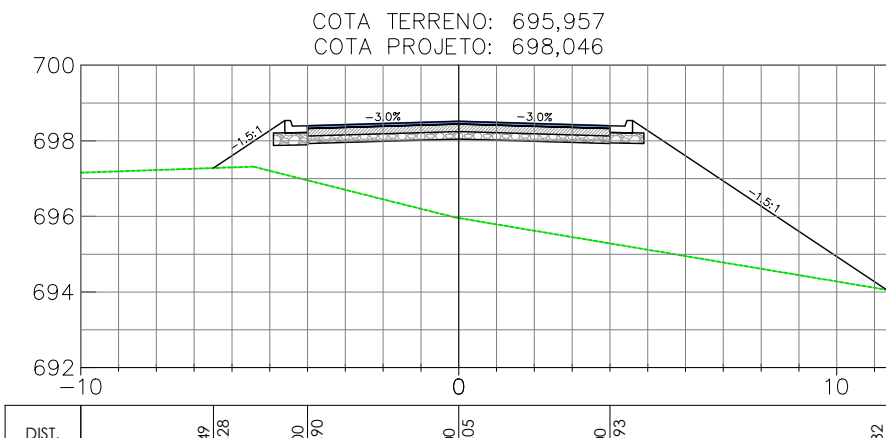
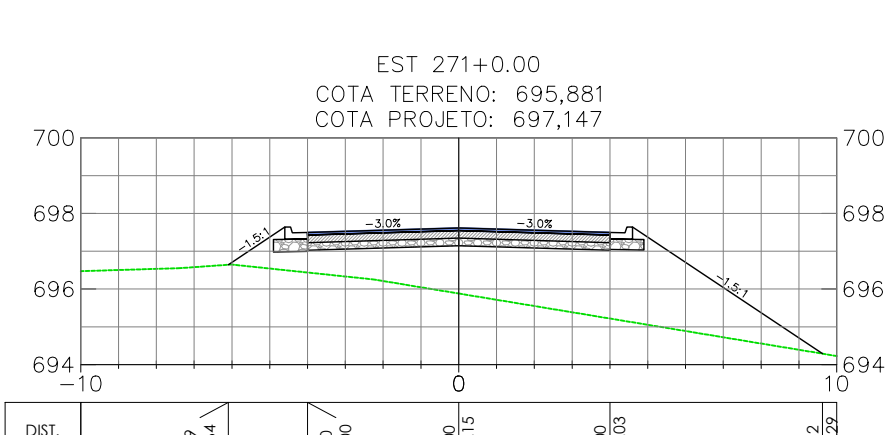
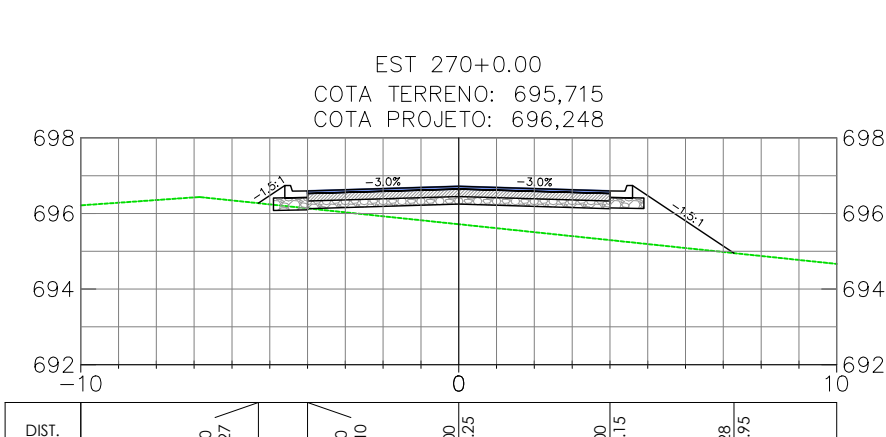
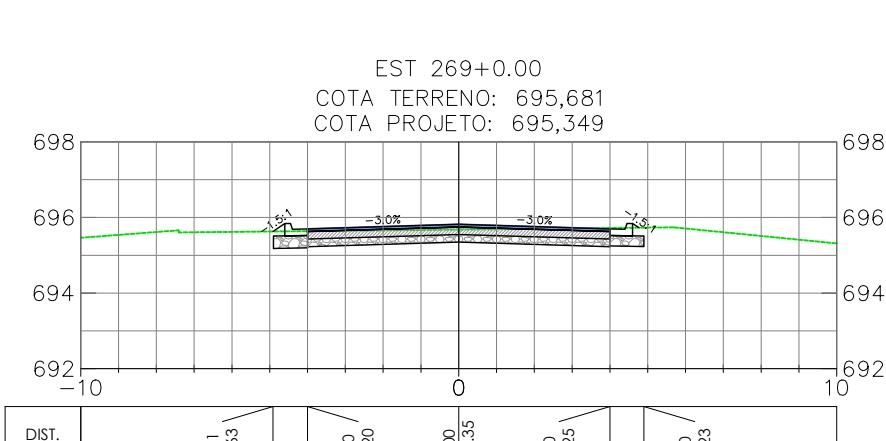
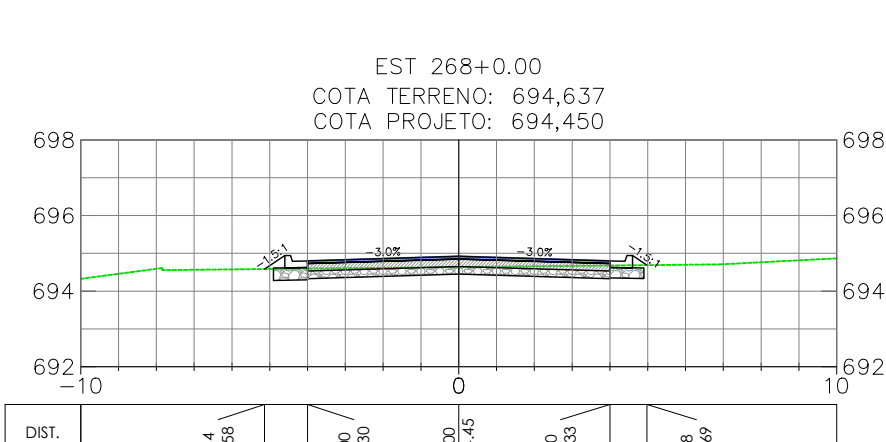
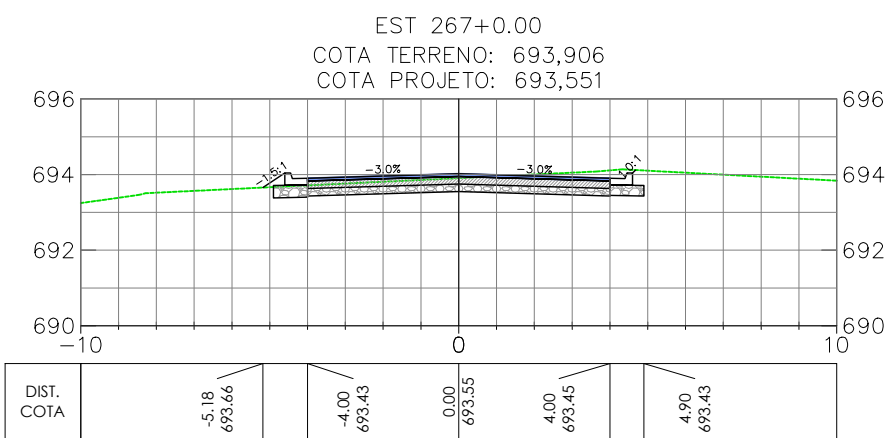
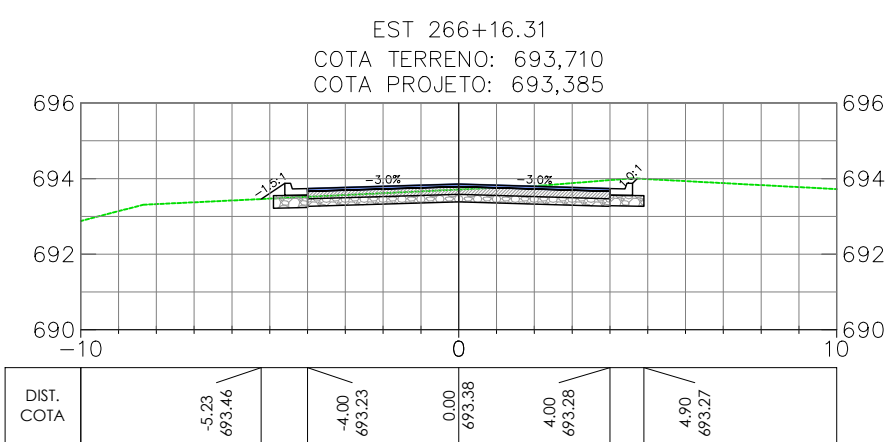
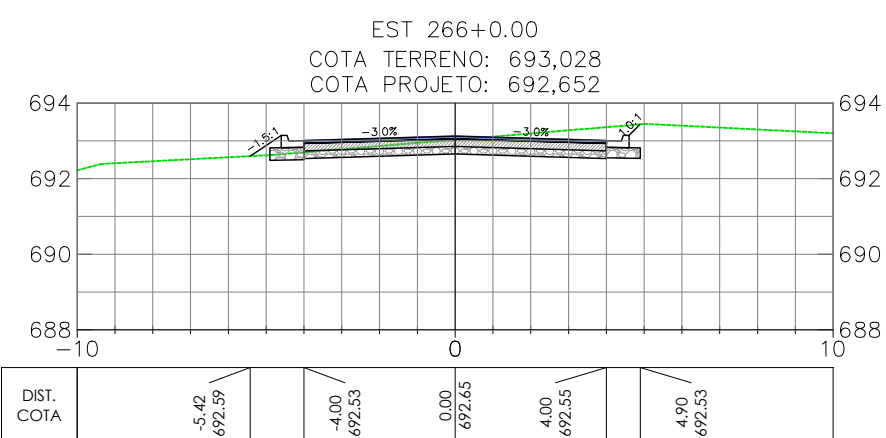
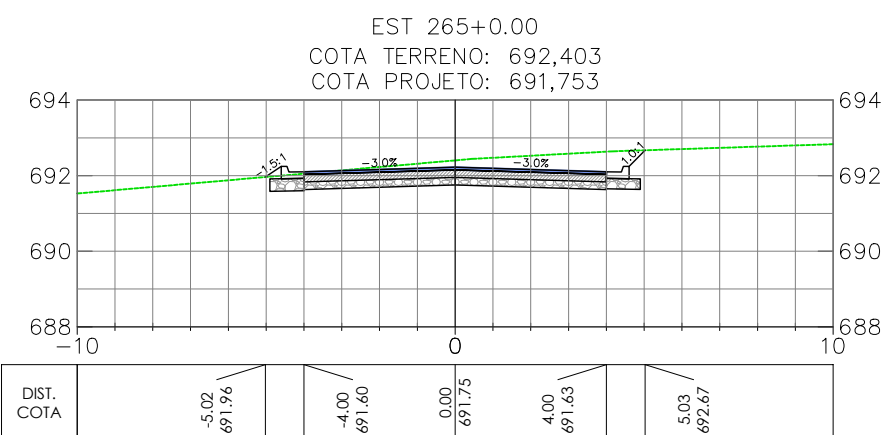
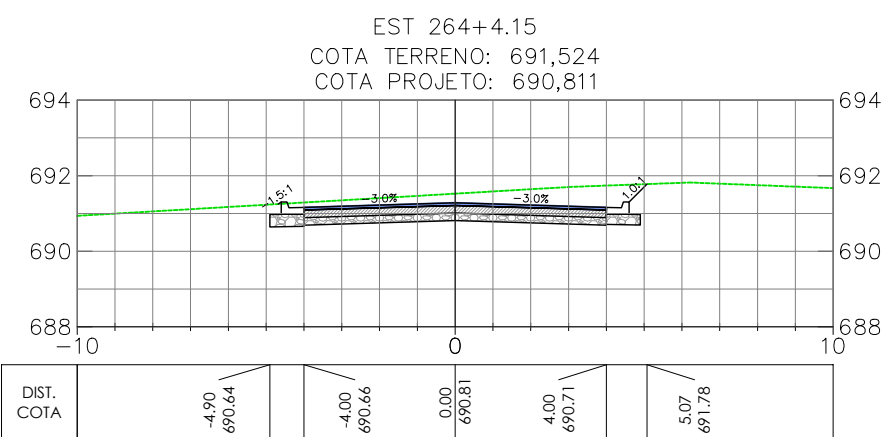
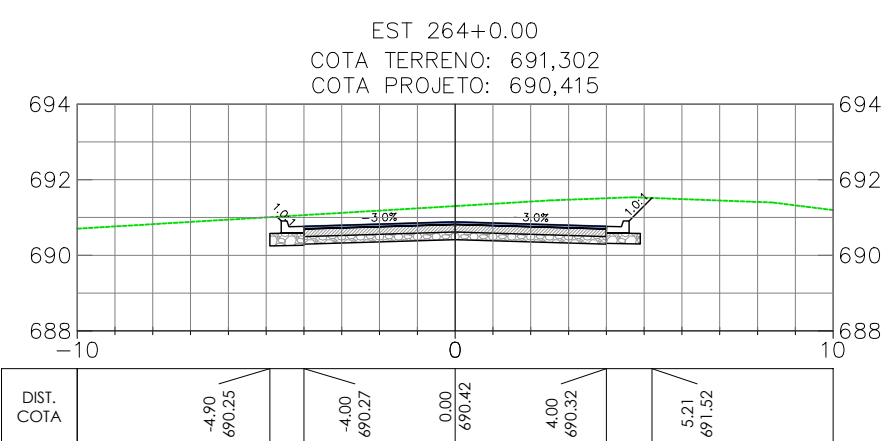
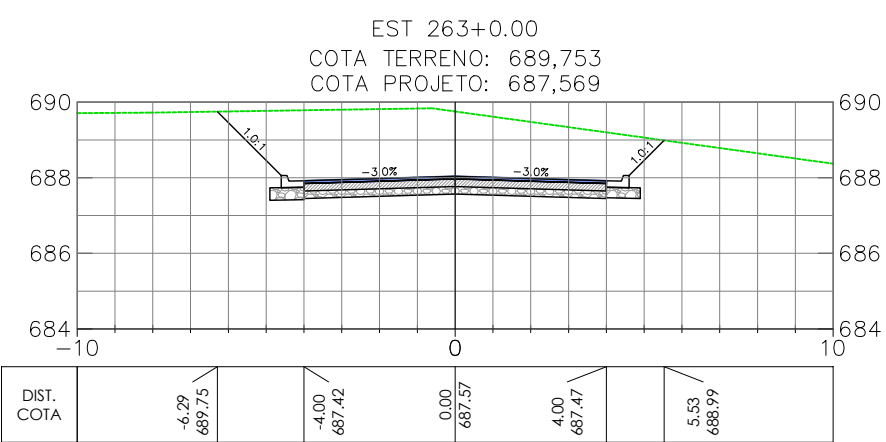
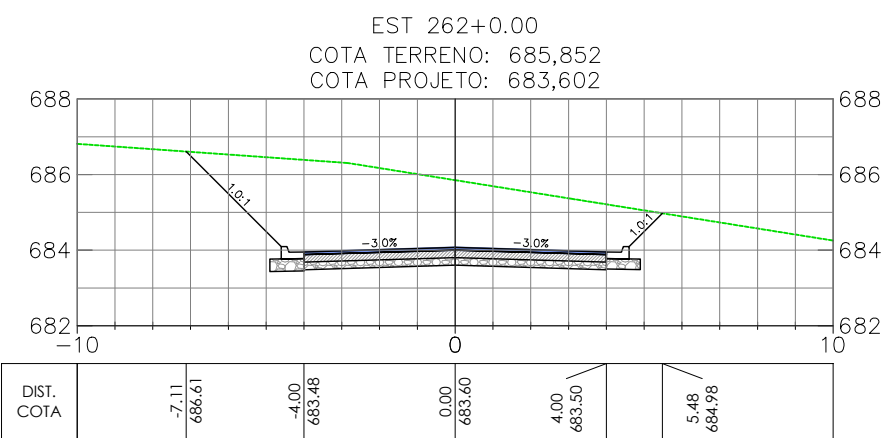
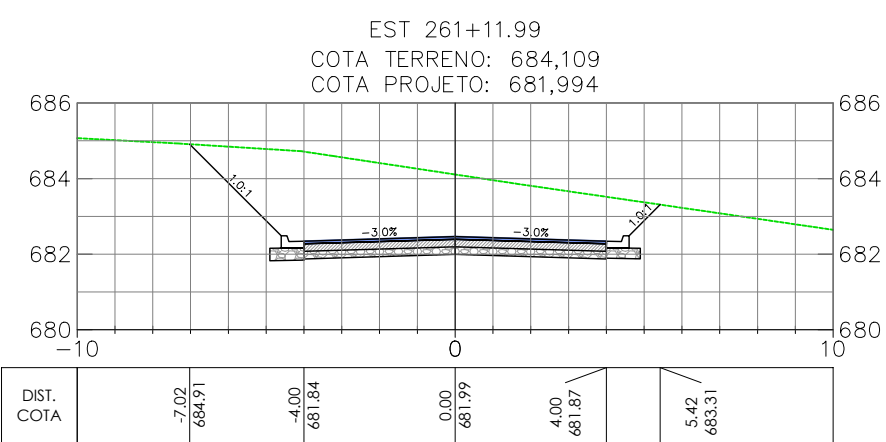
TÍTULO DOS DESENHOS: SEÇÕES TRANSVERSAIS - ANEL RODOVÁRIO (EST. 237+0.00 A EST. 261+0.00) SEÇÃO TIPO	PRANCHAS: 11/39
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DIREITOS AUTORAIS RESERVADOS: PROIBIDO REPRODUÇÃO, DIVULGAÇÃO OU ALTERAÇÃO SEM ORDEM EXPRESSA DO AUTOR.

TÍTULO DOS DESENHOS:  
PRJ-EXE-TER-PRD-ARO-0181-REV02



Anel Rodoviário



OBSERVAÇÕES

- OBSERVAÇÕES GERAIS:
- 1 - MEDIDAS, COORDENADAS E ELEVÇÕES EM METRO, EXCETO ONDE INDICADO
  - 2 - PODERÃO OCORRER AJUSTES EM CAMPO QUANDO A EXECUÇÃO DA OBRA POR DETERMINAÇÃO DA PREFEITURA.

LEGENDA

- EIXO PROJETADO
- TERRENO NATURAL

REVISÃO	DESCRIÇÃO	TIPO	ELABORADO	VERIFICADO	DATA
00	EMISSÃO INICIAL	EXE	GMT	LGR	15/09/2021
01	REVISÃO	EXE	CLP	LGR	04/02/2022
02	REVISÃO	EXE	IFT	LGR	09/08/2022

TIPOS DE EMISSÃO	ATP - ANTEPROJETO BSC - BÁSICO EXE - EXECUTIVO	APV - APROVADO PCT - P/ CONSTRUÇÃO ASB - "AS BUILT"	CNC - CANCELADO
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**OBJETIVA** OBJETIVA PROJETOS E SERVIÇOS

ALAMEDA OSCAR NIEMAYER, Nº500, SALA 505 - VALE DO SERENO  
NOVA LIMA-MO - CEP: 34.008-056  
TEL.: (31) 3347-4405 / (31) 3347-7079 / (31) 3571-1920  
EMAIL: contato@grupoprojetoservicos.com.br

**PREFEITURA MUNICIPAL DE BOM DESPACHO**

PRÇA RMA ALBUQUERQUE, Nº45 - CENTRO  
BOM DESPACHO-MG - CEP: 35.600-000  
TEL: 0800 265 3737

PROJETO DE INFRAESTRUTURA

ANEL RODoviÁRIO LIGAÇÃO ENTRE BR-262 E MG-164, BOM DESPACHO-MG

PROJETO DE TERRAPLENAGEM

AUTORIA DO PROJETO:	CONTRATANTE DO PROJETO:
JULIANA GONÇALVES OLIVEIRA CREA MG - 23987/D	RESPONSÁVEL DA CONTRATANTE

DATA: JULHO/2022	ESCALA: 1:200	CODIGO: PRJ-TER
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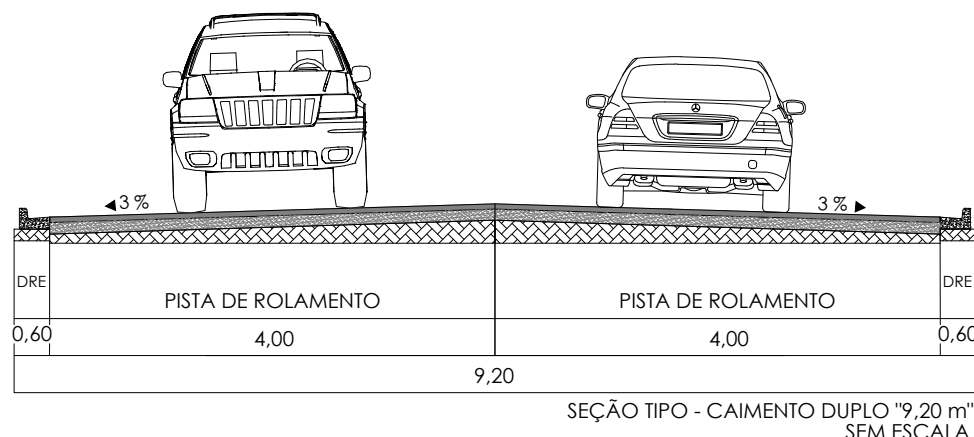
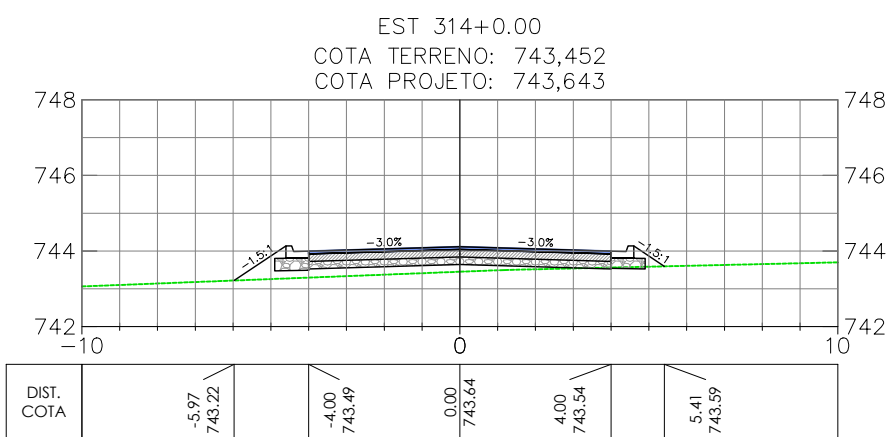
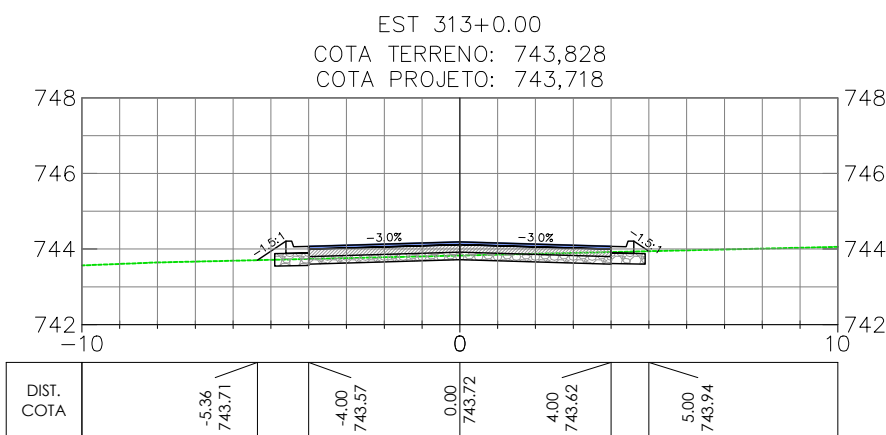
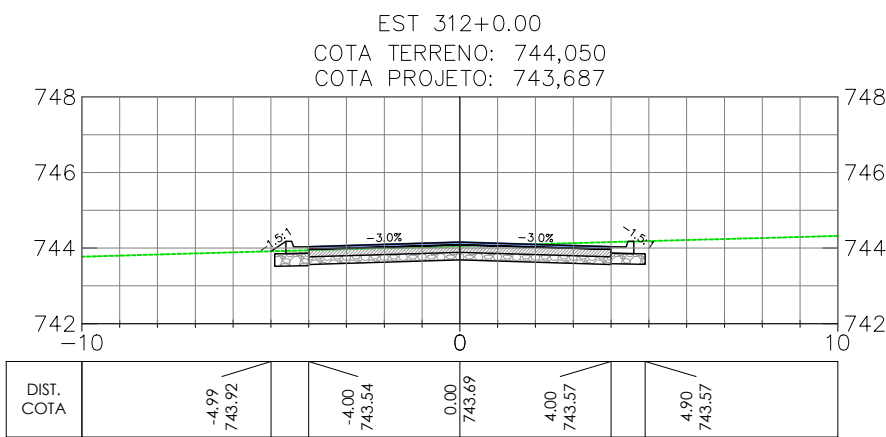
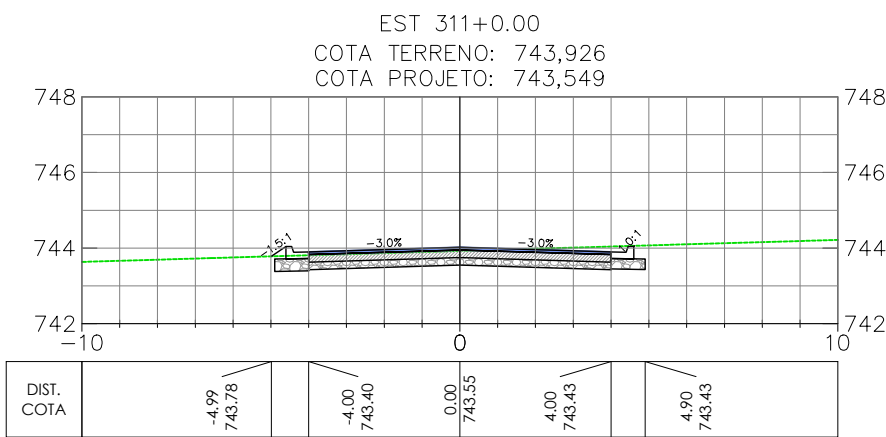
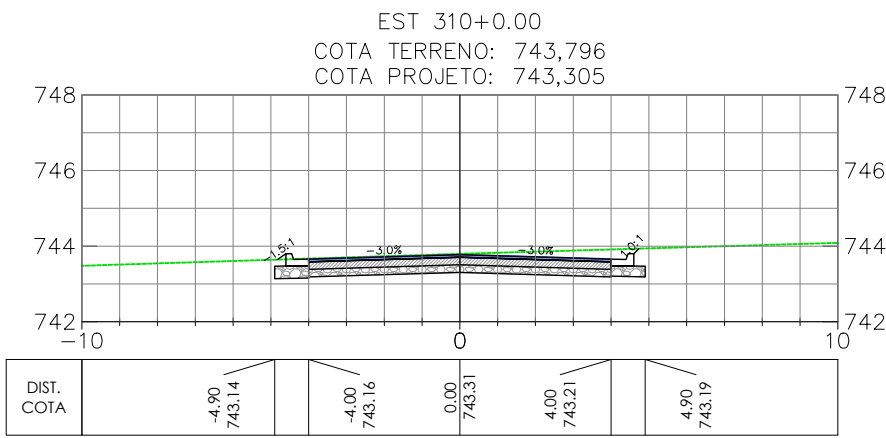
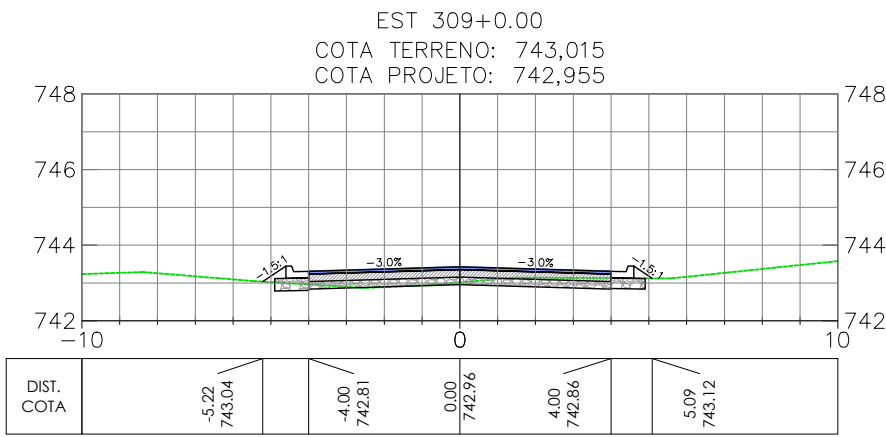
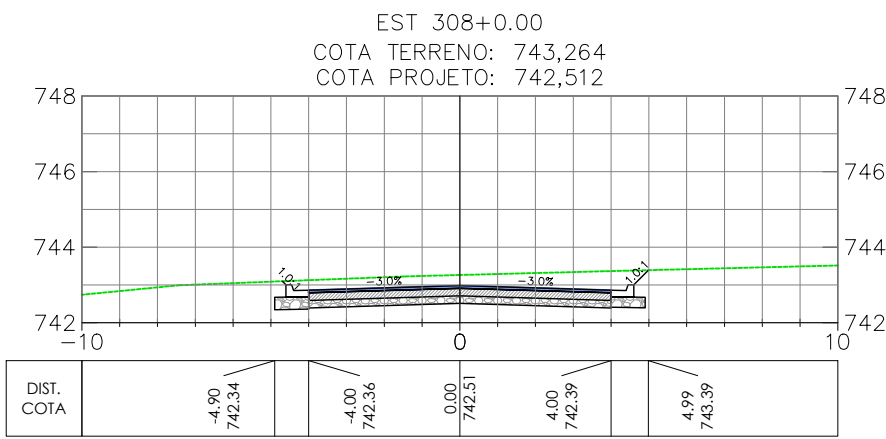
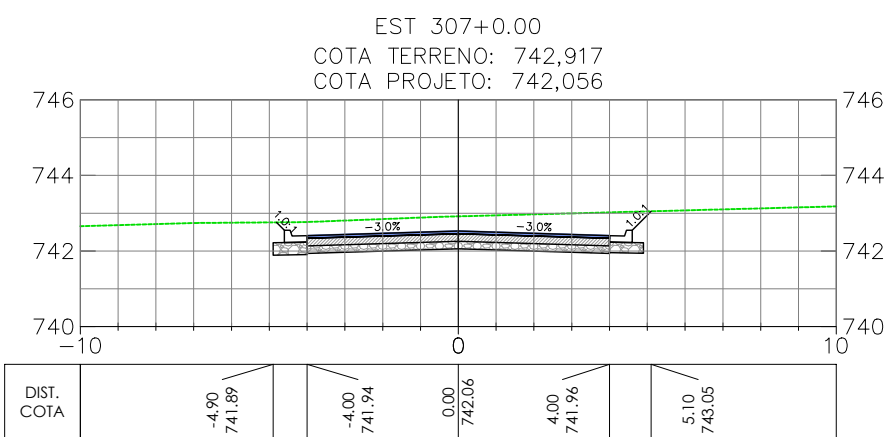
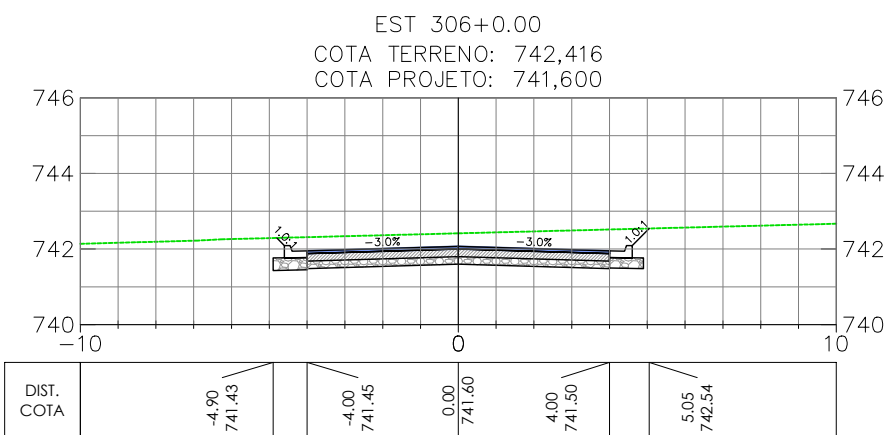
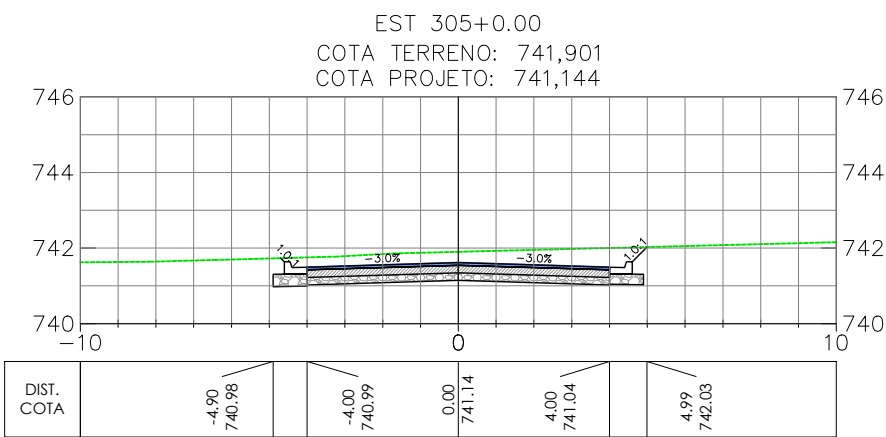
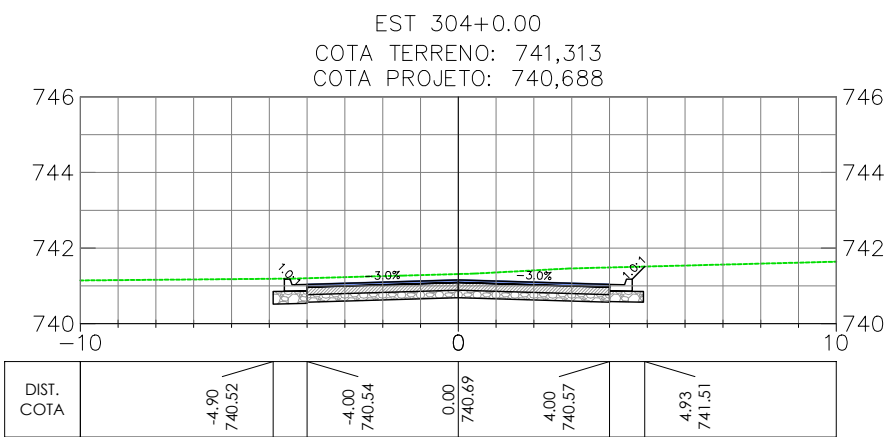
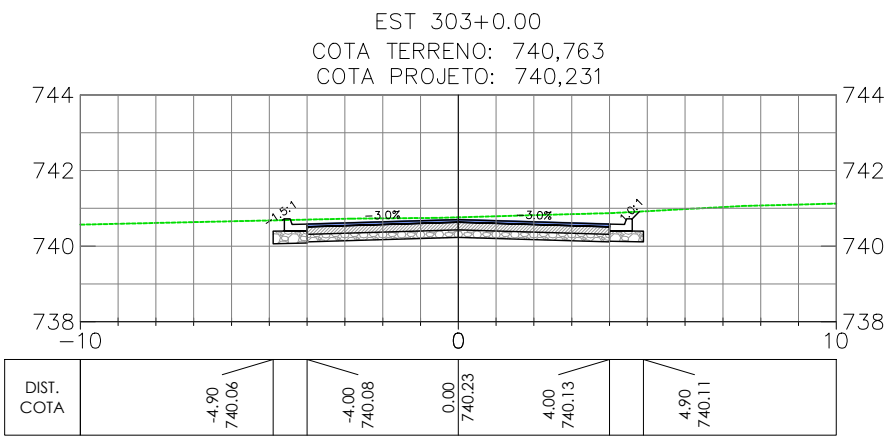
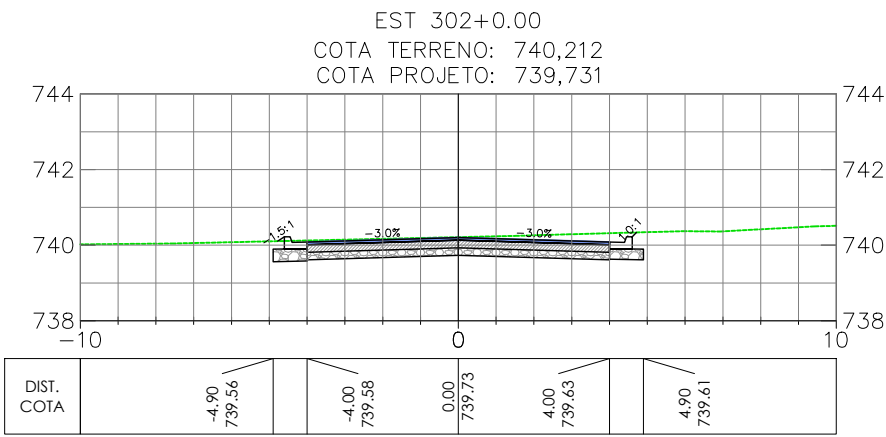
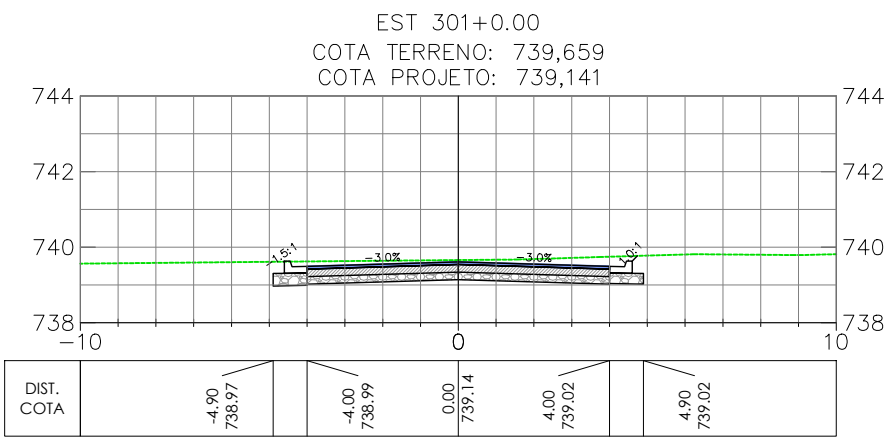
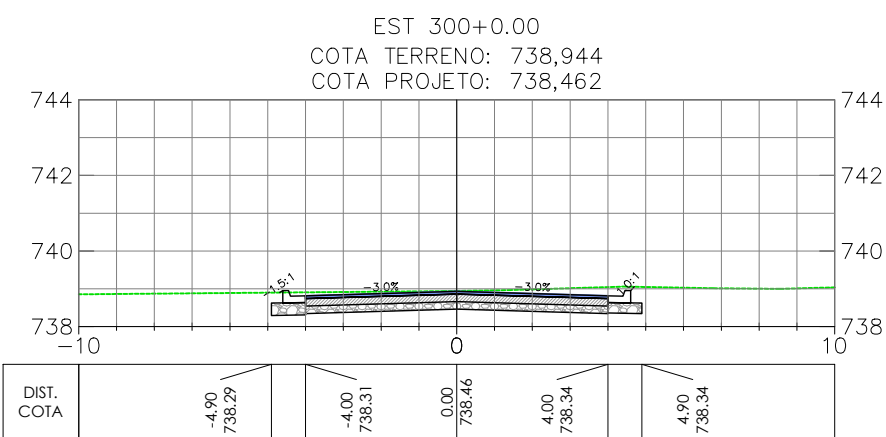
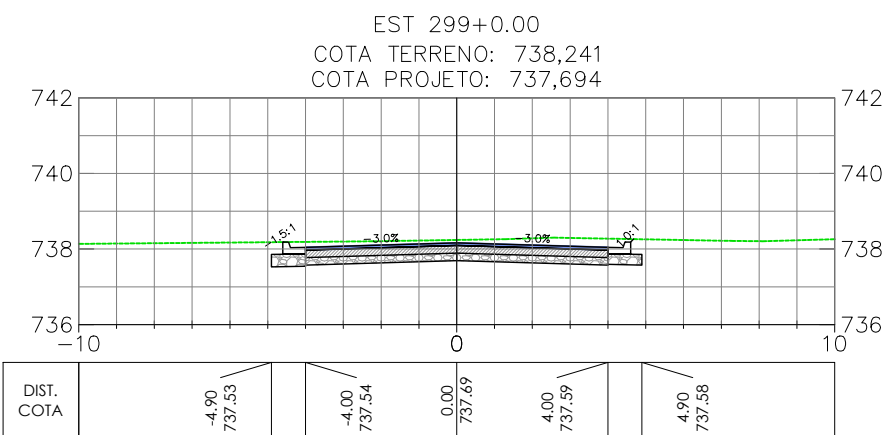
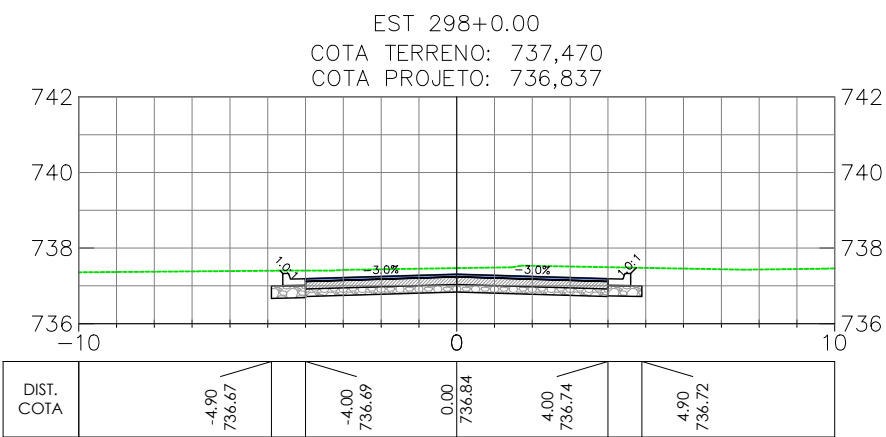
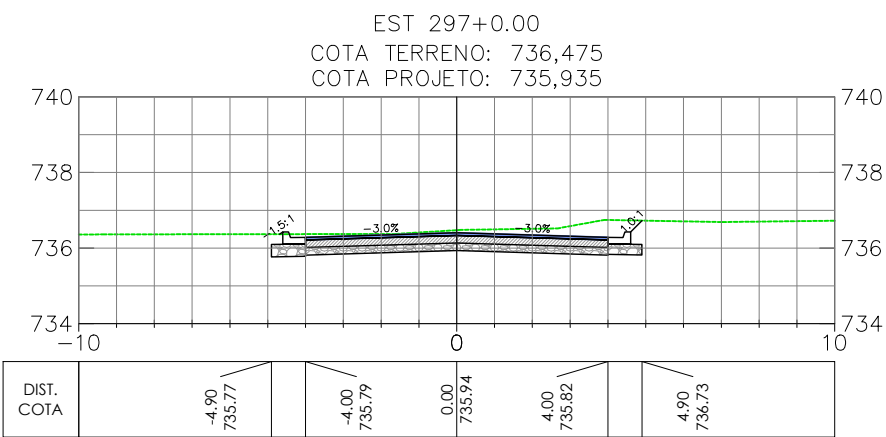
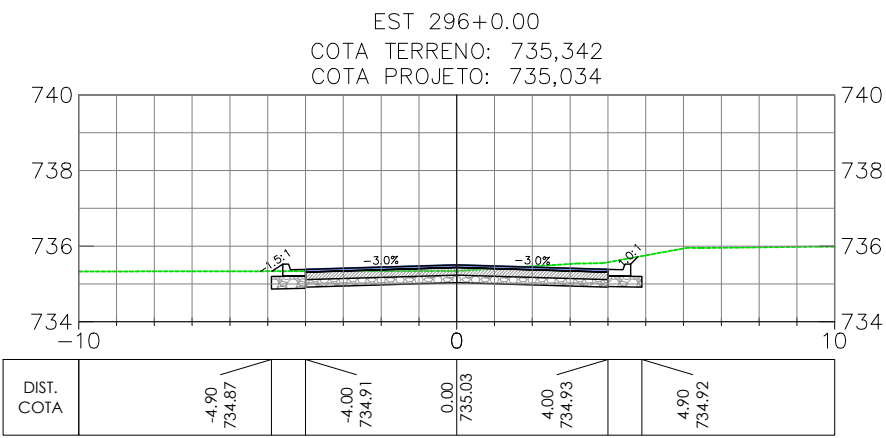
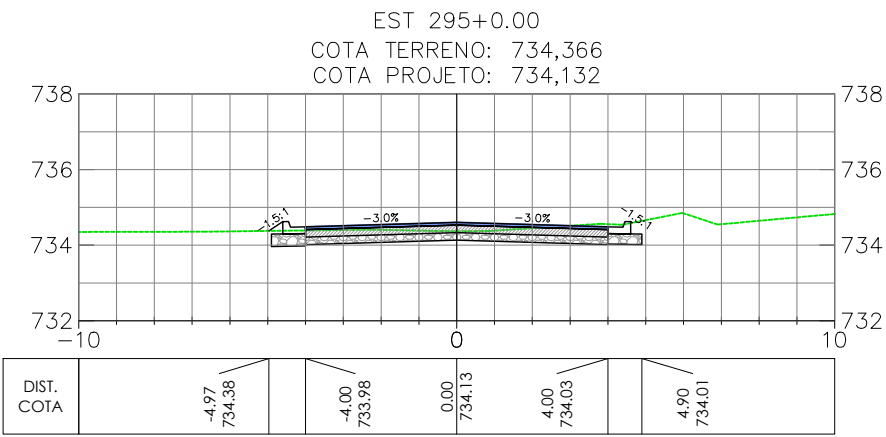
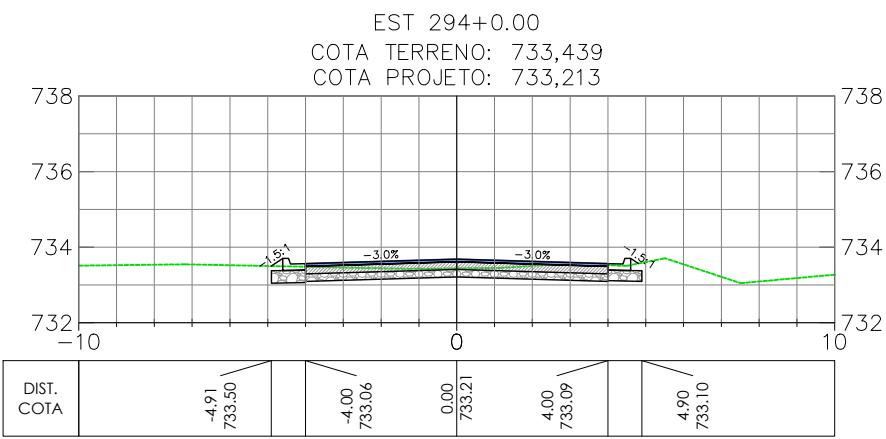
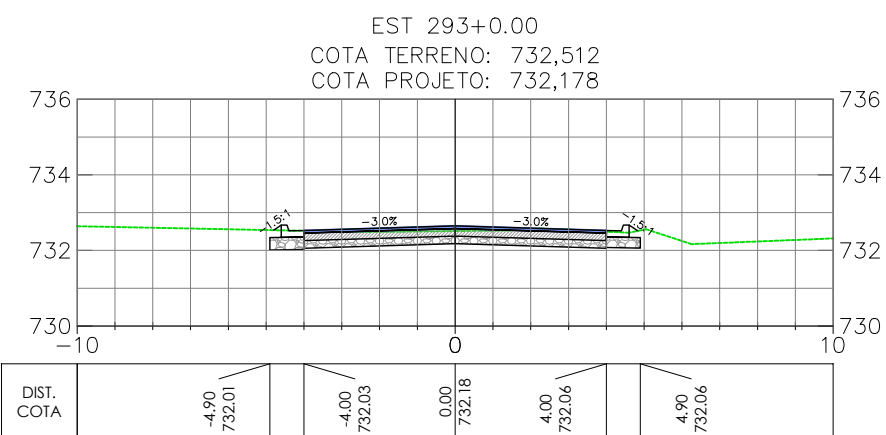
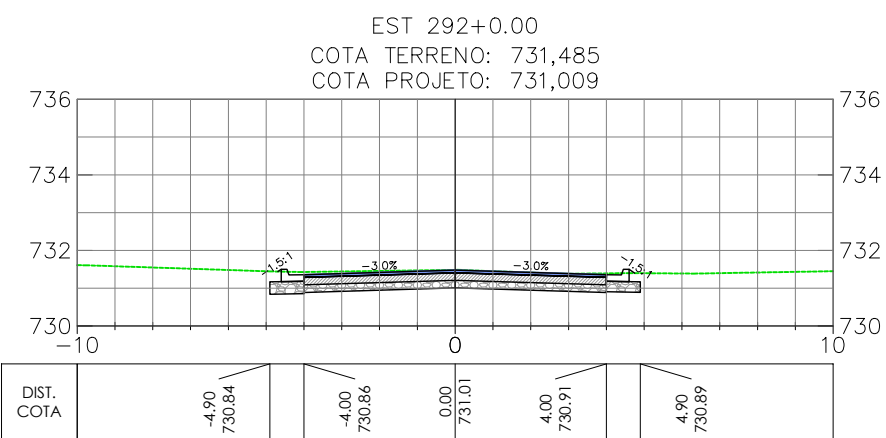
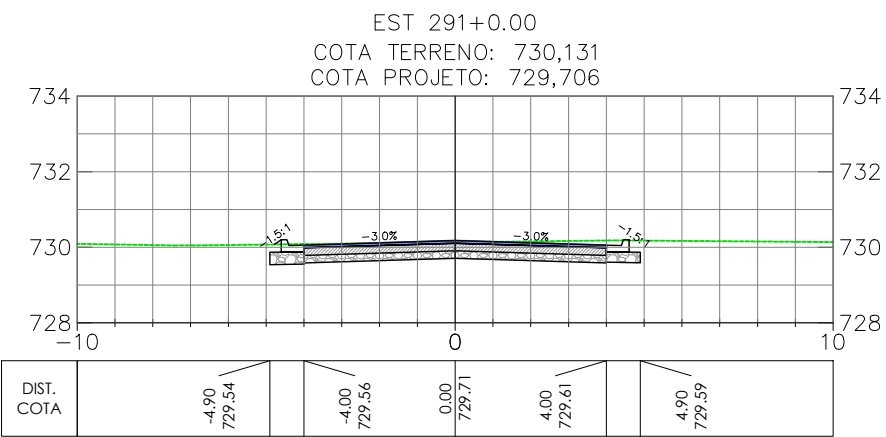
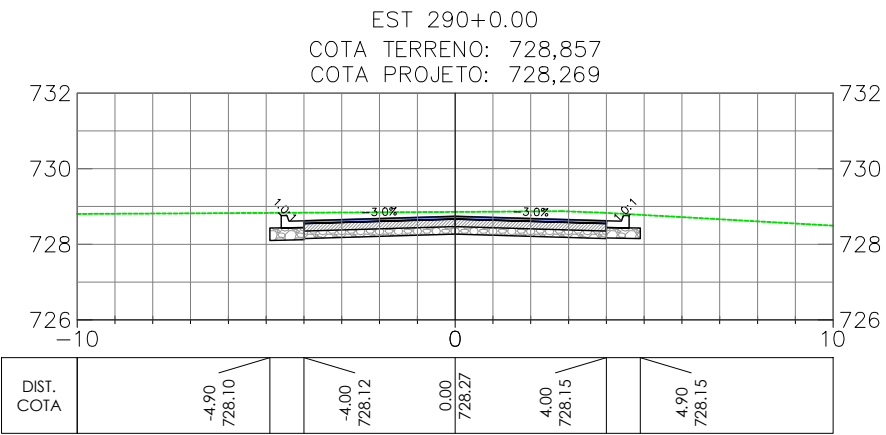
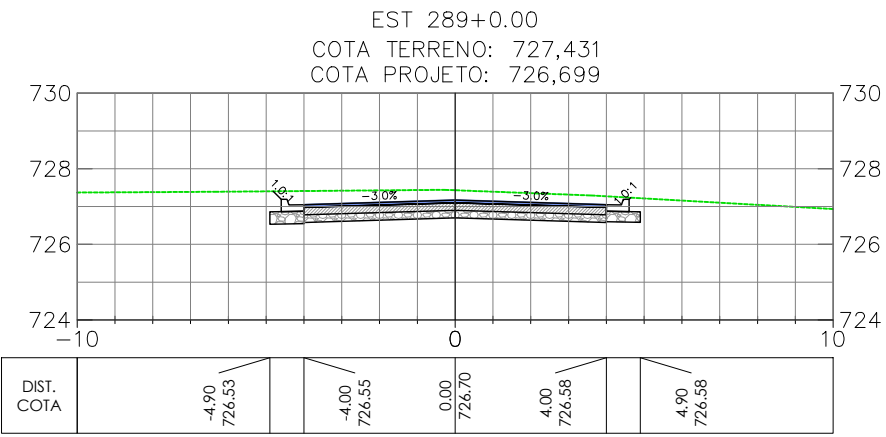
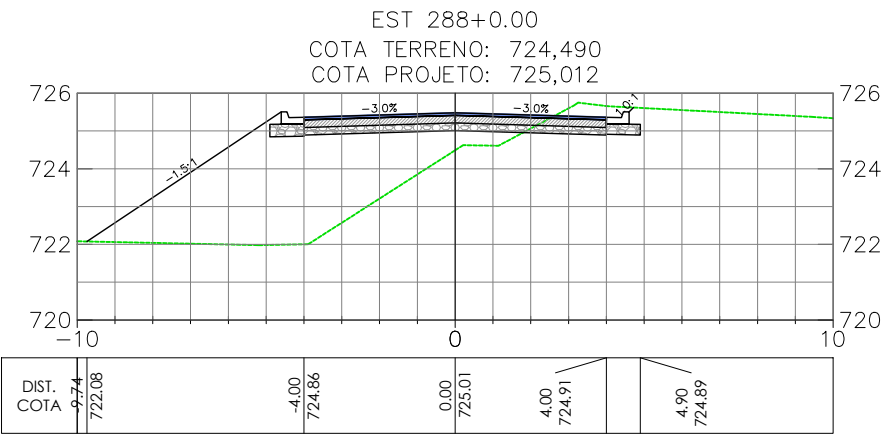
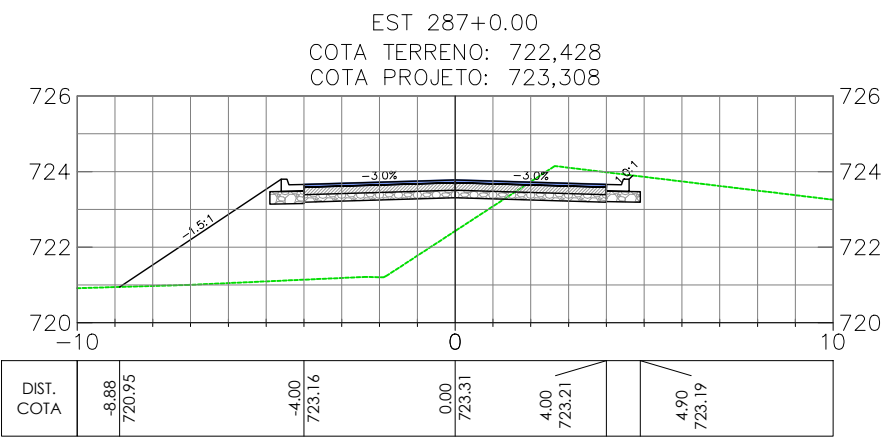
TITULO DOS DESENHOS: SEÇÕES TRANSVERSAIS - ANEL RODoviÁRIO (EST. 261+11.99 A EST. 286+0.00) SEÇÃO TIPO	PRINCHIA: 12/39
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DIREITOS AUTORAIS RESERVADOS: PROIBIDO REPRODUÇÃO, DIVULGAÇÃO OU ALTERAÇÃO SEM ORDEM EXPRESSA DO AUTOR.

TITULO DOS DESENHOS:  
PRJ-EXE-TER-PRD-ARQ-0101-REV02



Anel Rodoviário



OBSERVAÇÕES

- OBSERVAÇÕES GERAIS:
- 1 - MEDIDAS, COORDENADAS E ELEVAÇÕES EM METRO, EXCETO ONDE INDICADO
  - 2 - PODERÃO OCORRER AJUSTES EM CAMPO QUANDO A EXECUÇÃO DA OBRA POR DETERMINAÇÃO DA PREFEITURA.

LEGENDA

- EIXO PROJETADO  
TERRENO NATURAL

REVISÃO	DESCRIÇÃO	TIPO	ELABORADO	VERIFICADO	DATA
00	EMIÇÃO INICIAL	EXE	GMT	LGR	15/09/2021
01	REVISÃO	EXE	CLP	LGR	04/02/2022
02	REVISÃO	EXE	IFT	LGR	09/08/2022

TIPOS DE EMISSÃO	ATP - ANTEPROJETO BSC - BÁSICO EXE - EXECUTIVO	APV - APROVADO PCT - P/ CONSTRUÇÃO ASB - "AS BUILT"	CNC - CANCELADO
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**OBJETIVA** OBJETIVA PROJETOS E SERVIÇOS

ALAMEDA OSCAR NIEMAYER, Nº500, SALA 505 - VALE DO SERENO  
NOVA LIMA-MO - CEP: 34.006-056  
TEL.: (31) 3347-4405 / (31) 3347-7079 / (31) 3571-1920  
EMAIL: contata@grupoprojetosengenharia.com.br

**PREFEITURA MUNICIPAL DE BOM DESPACHO**

PRACA RMA ALBUQUERQUE, Nº45 - CENTRO  
BOM DESPACHO-MG - CEP: 35.600-000  
TEL: 0800 265 9797

PROJETO DE INFRAESTRUTURA

ANEL RODOVIÁRIO LIGAÇÃO ENTRE BR-262 E MG-164, BOM DESPACHO-MG

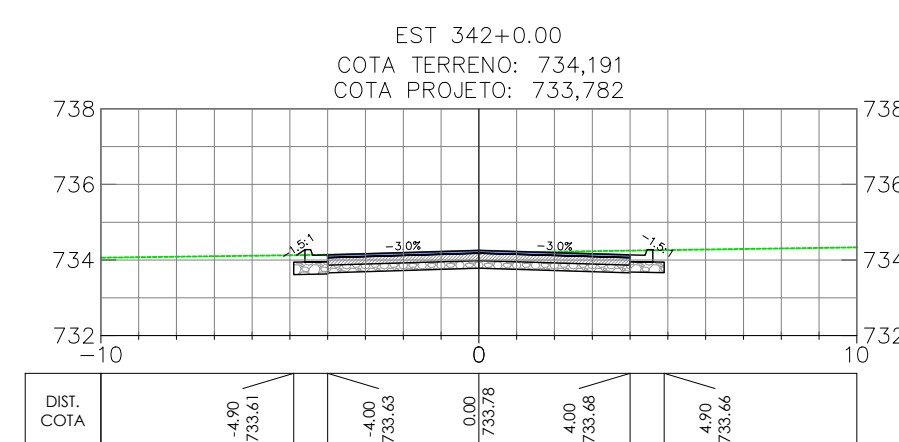
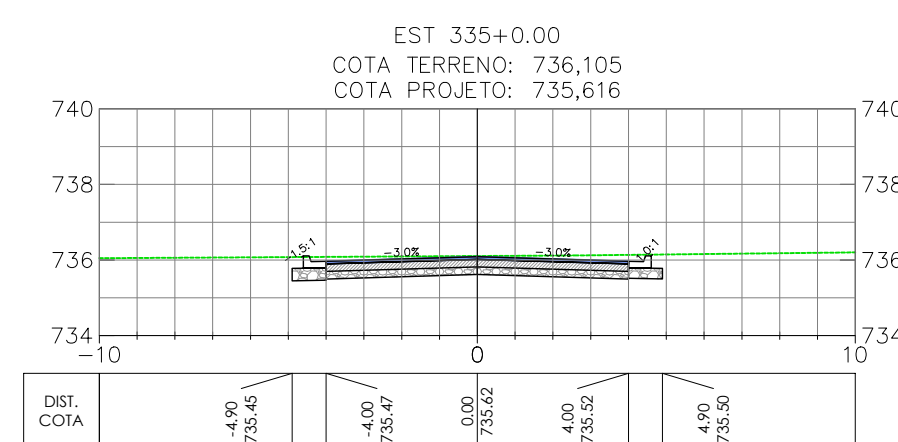
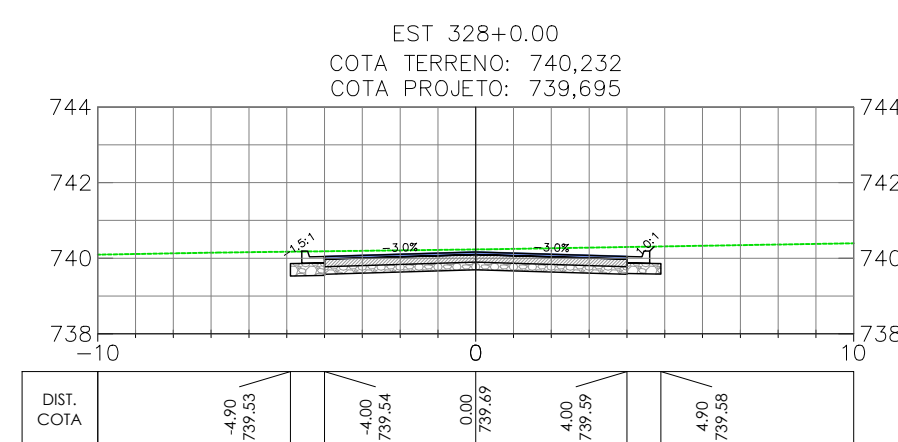
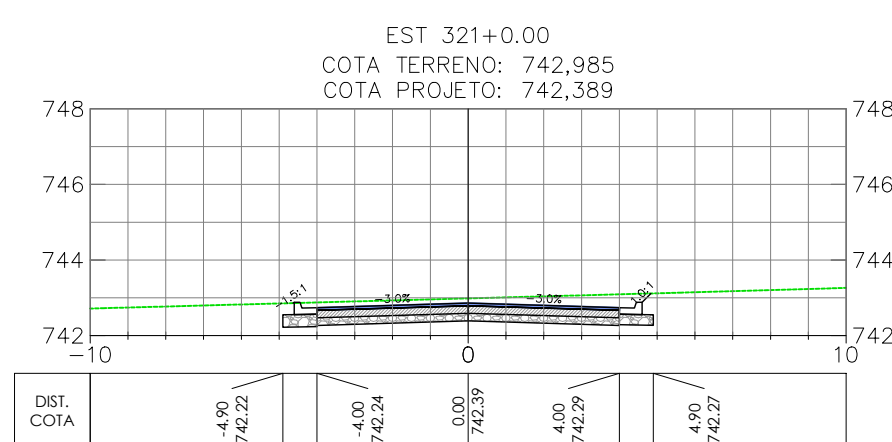
PROJETO DE TERRAPLENAGEM

AUTORIA DO PROJETO:	CONTRATANTE DO PROJETO:
JULIANA GONÇALVES OLIVEIRA CREA MG - 238787/D	RESPONSÁVEL DA CONTRATANTE

DATA: JULHO/2022	ESCALA: 1:200	CÓDIGO: PRJ-TER
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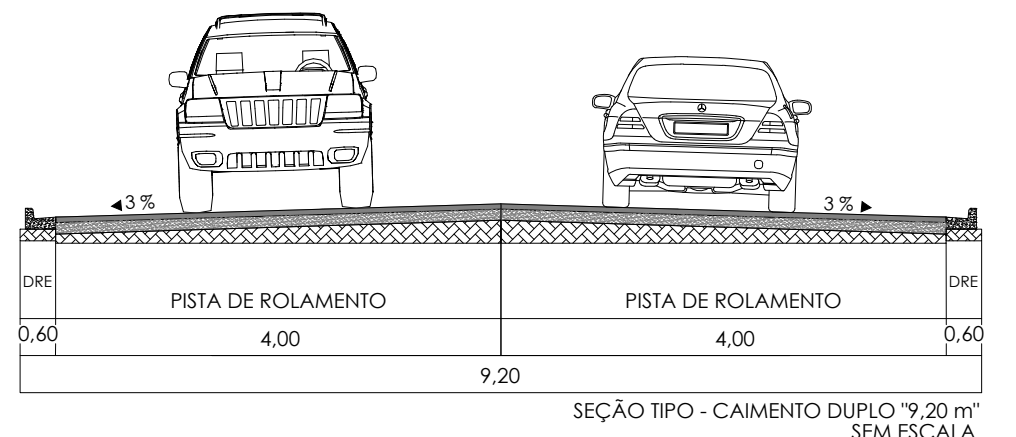
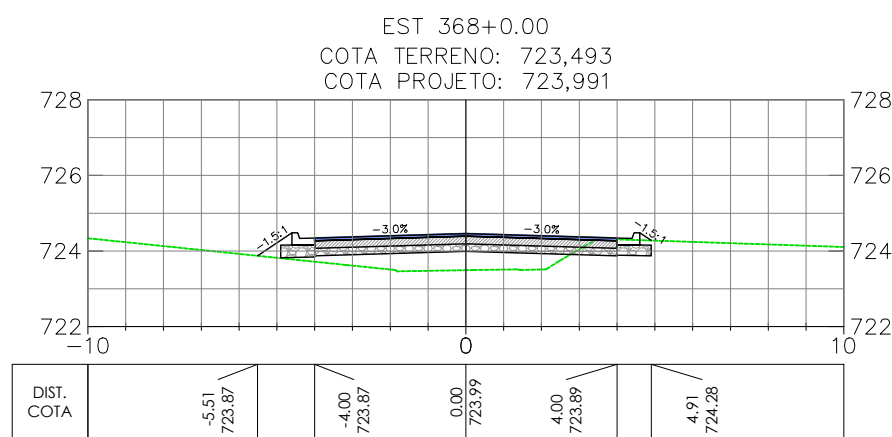
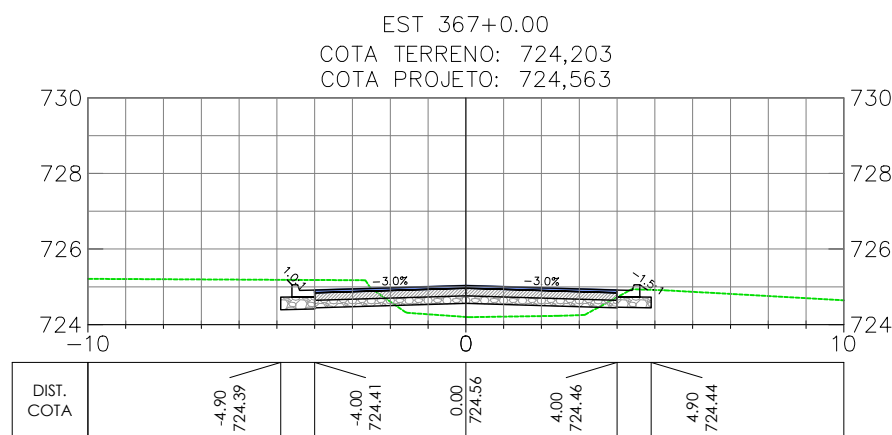
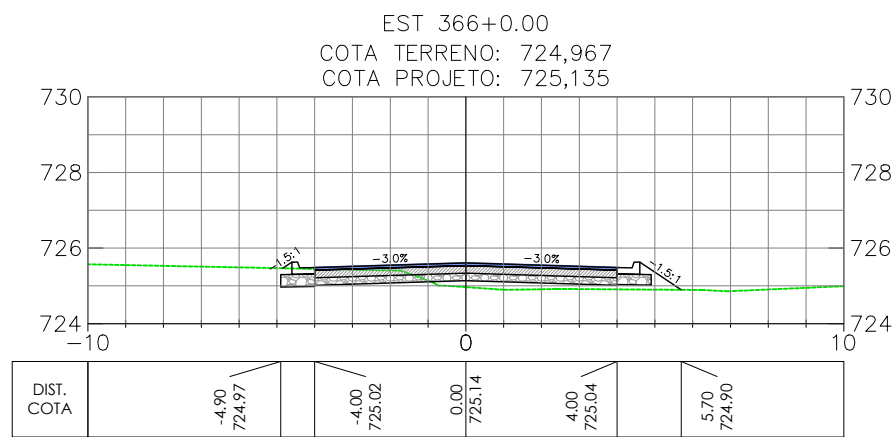
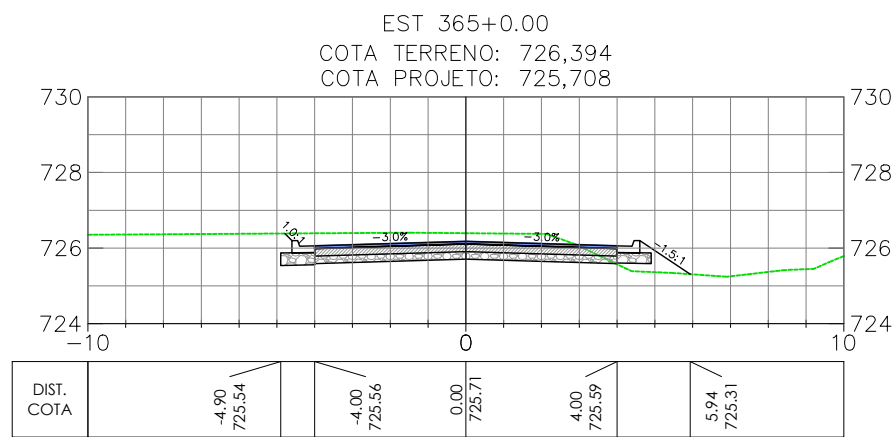
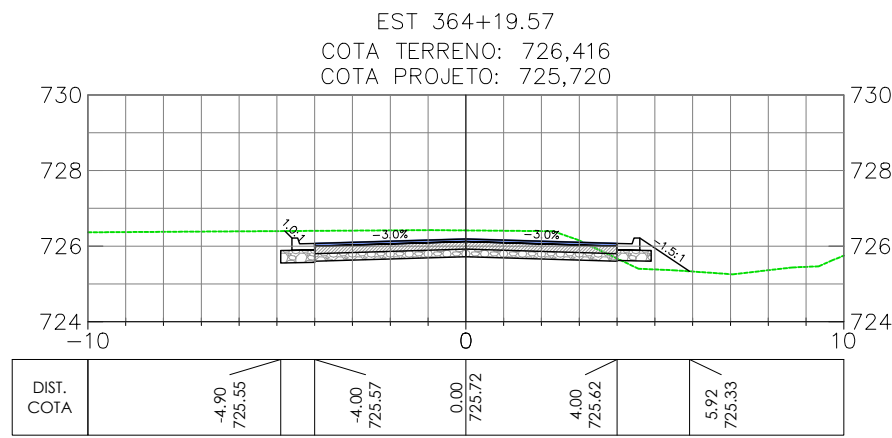
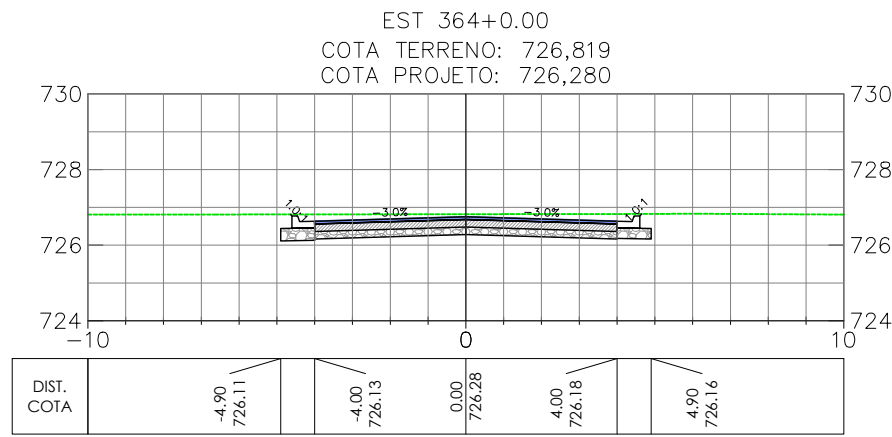
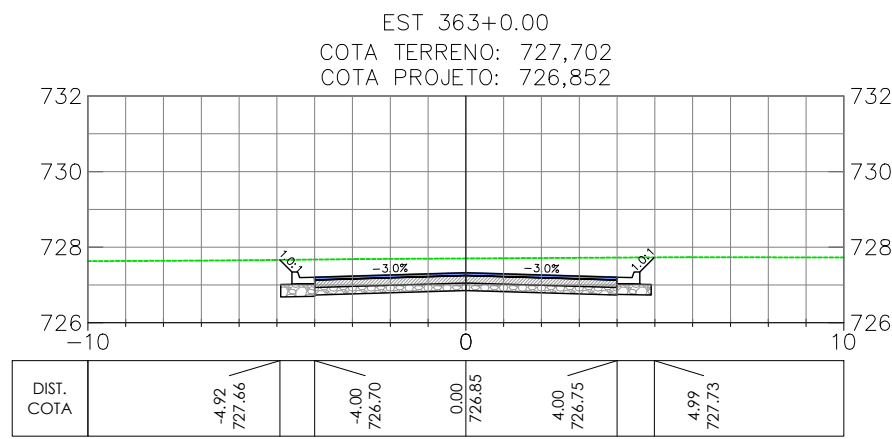
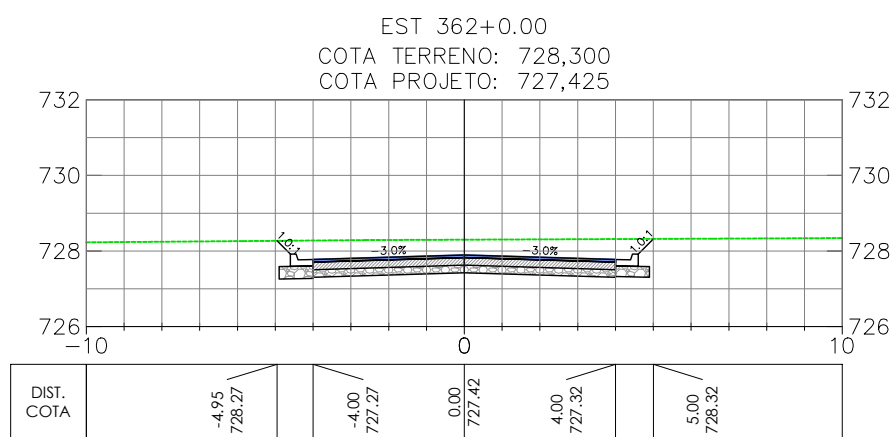
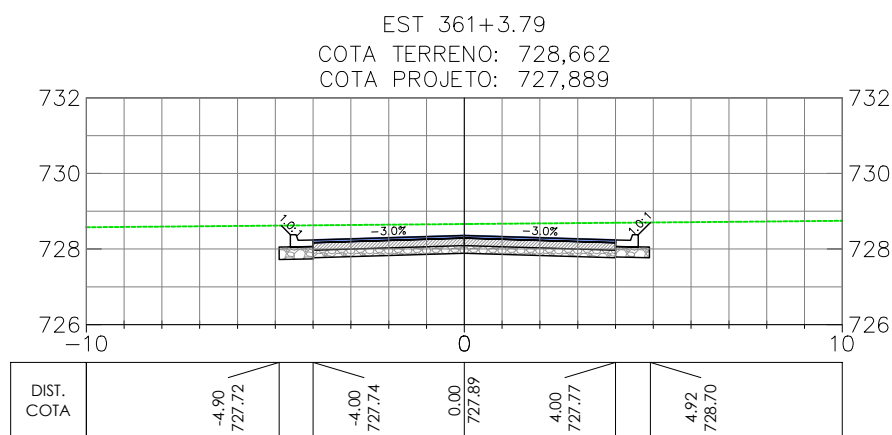
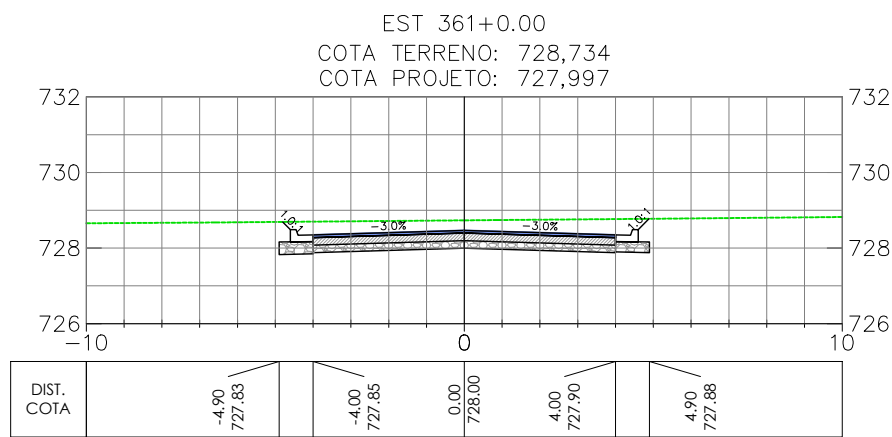
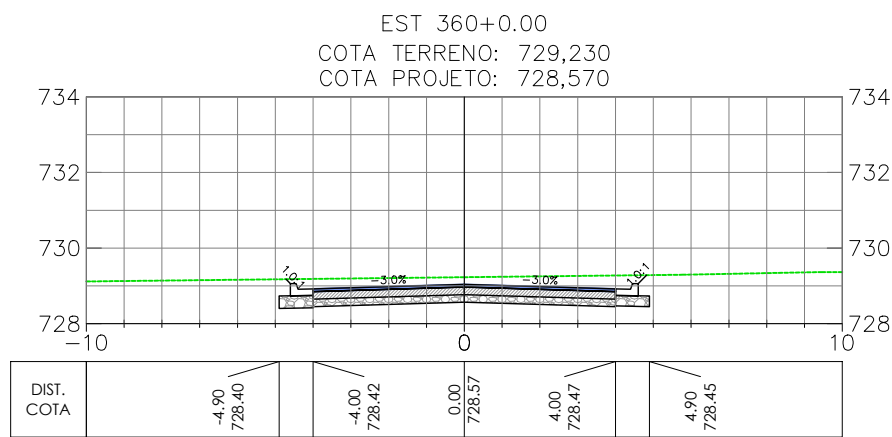
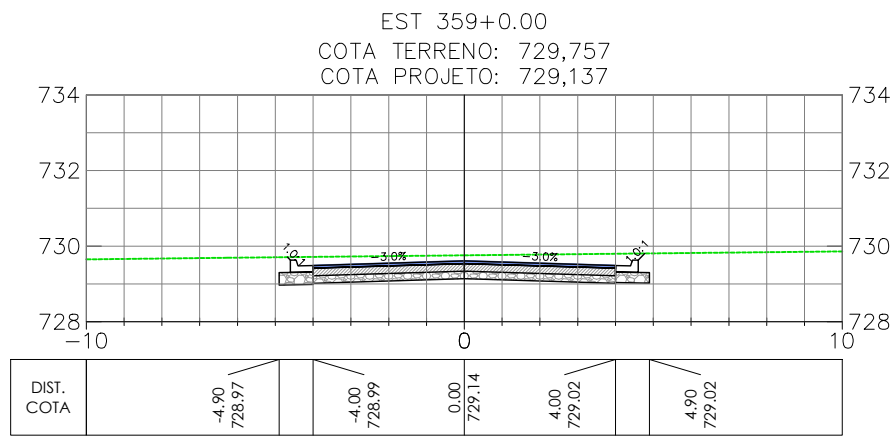
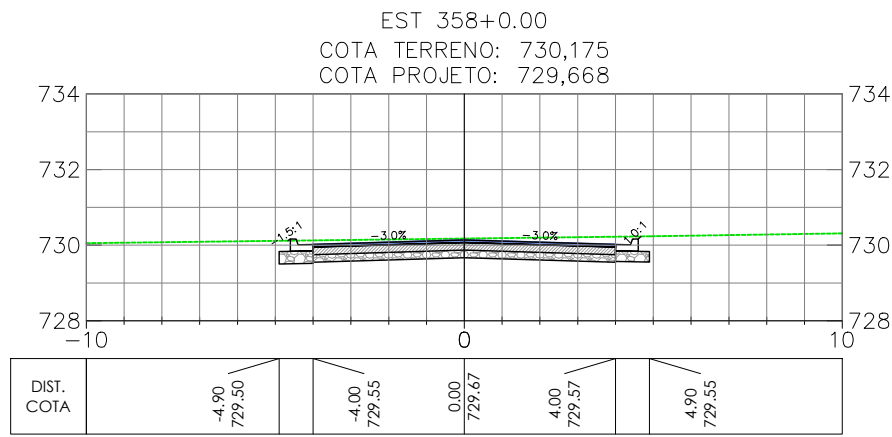
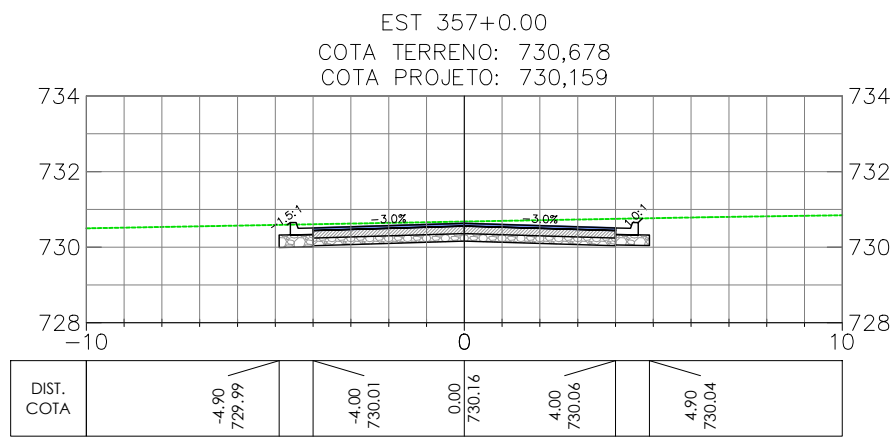
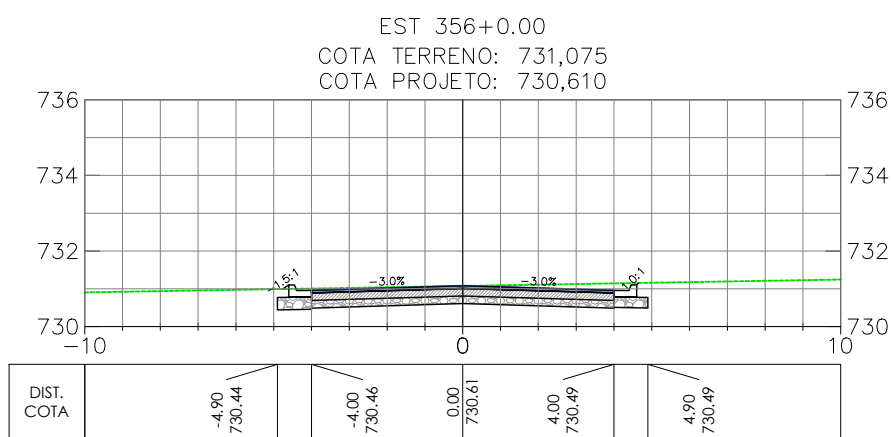
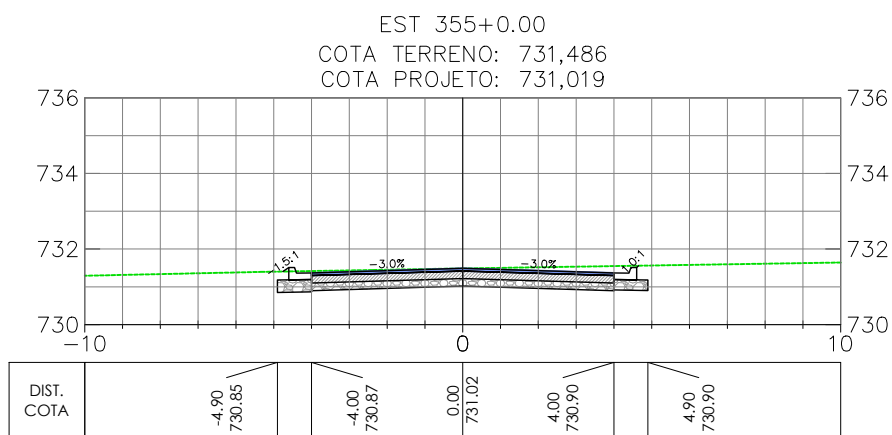
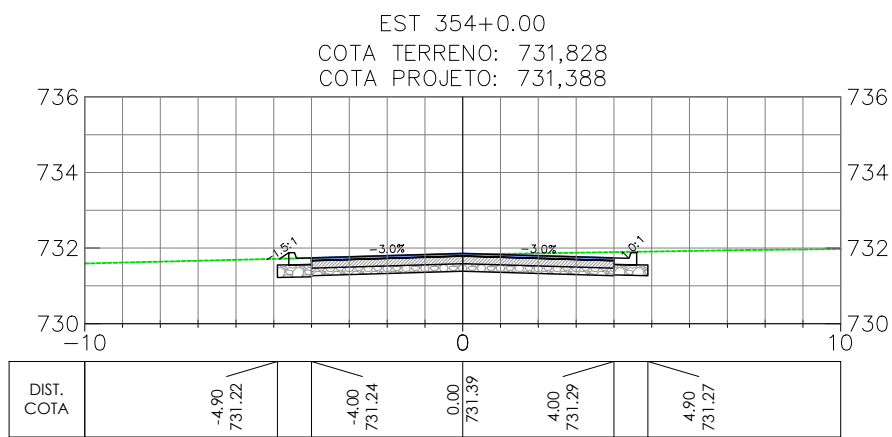
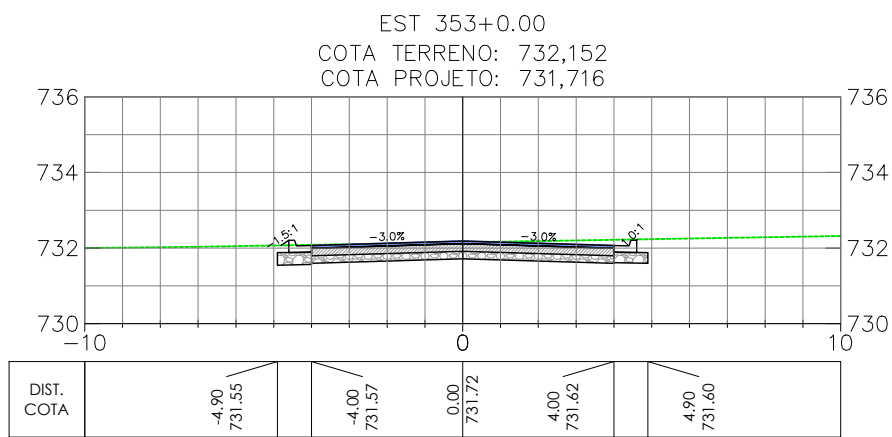
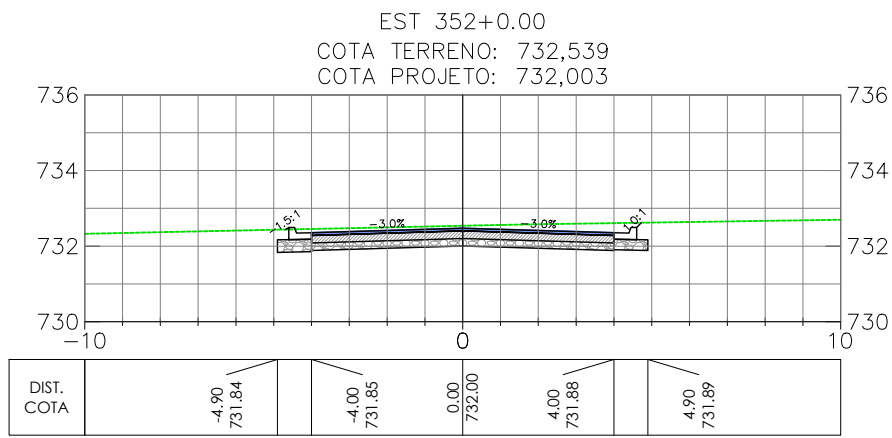
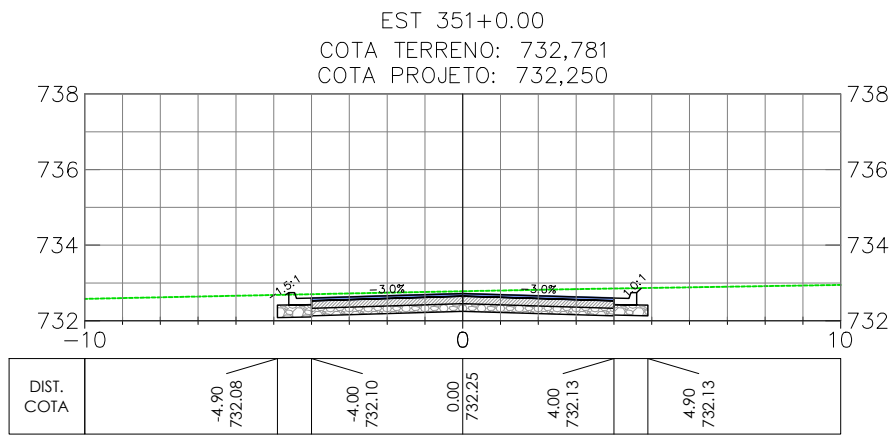
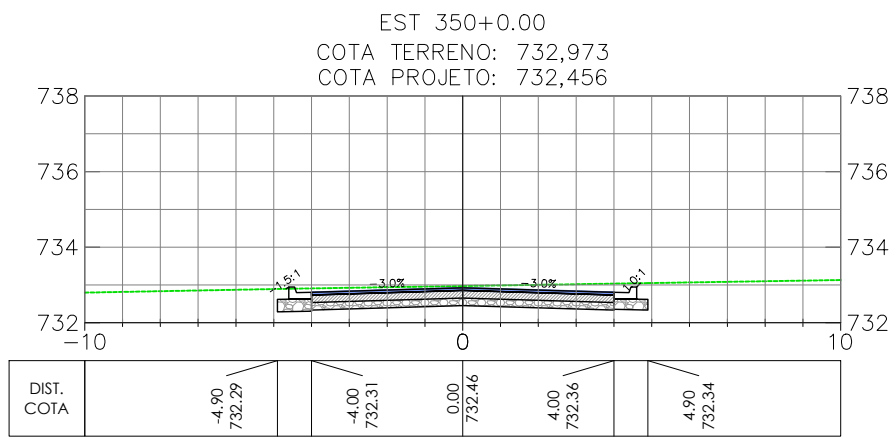
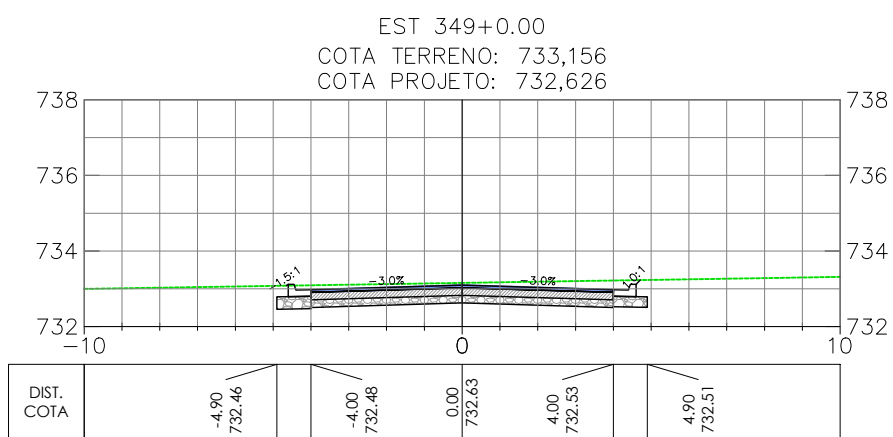
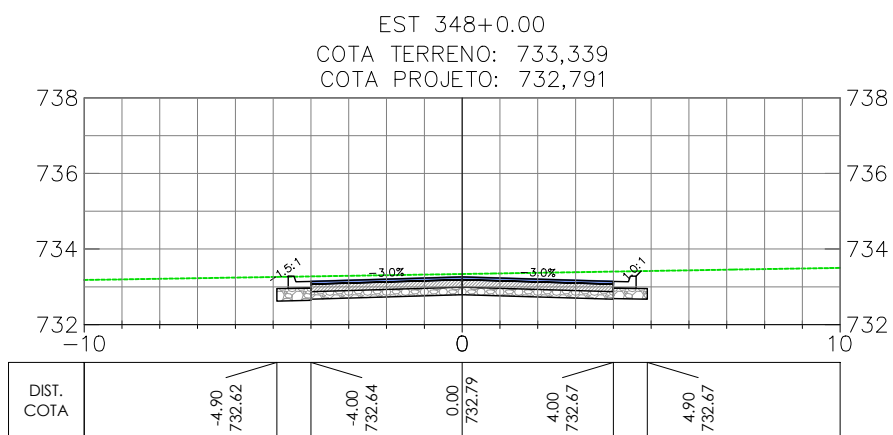
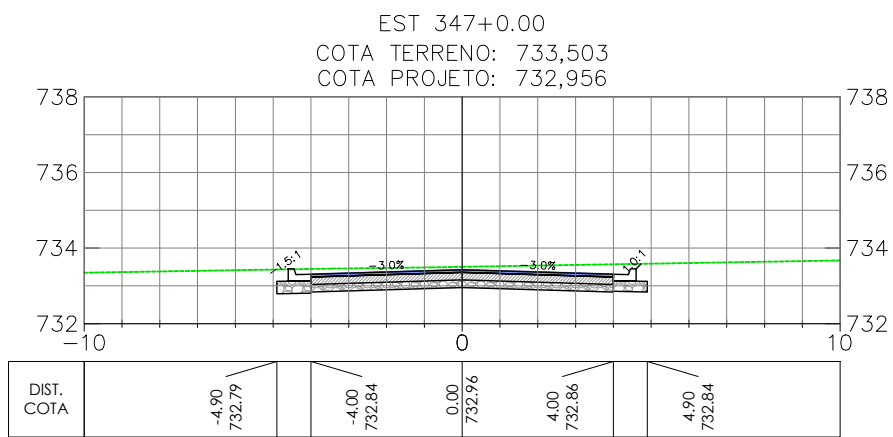
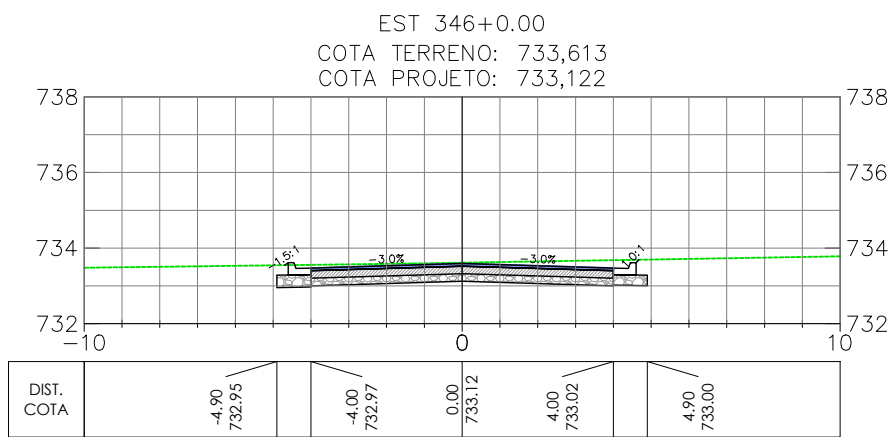
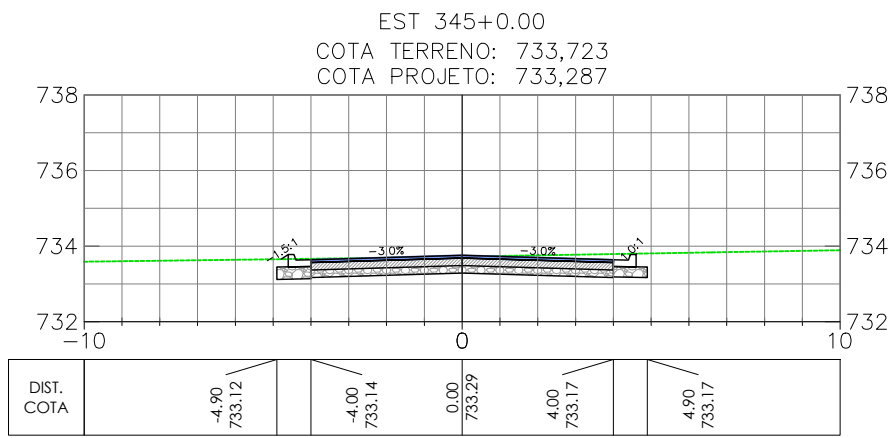
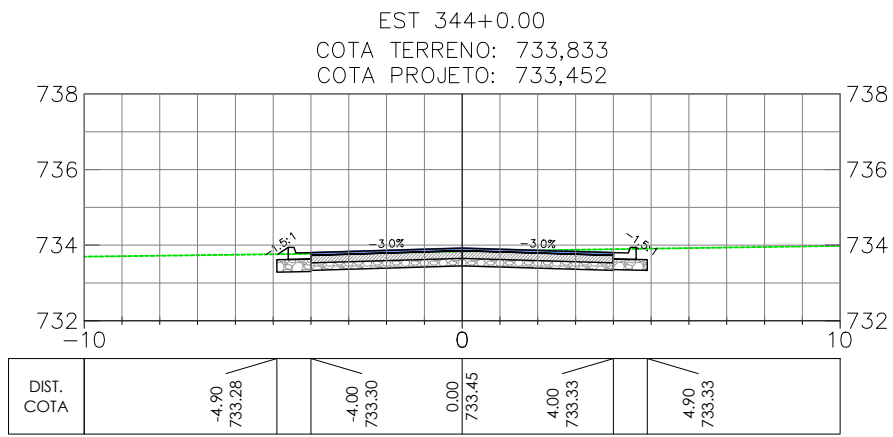
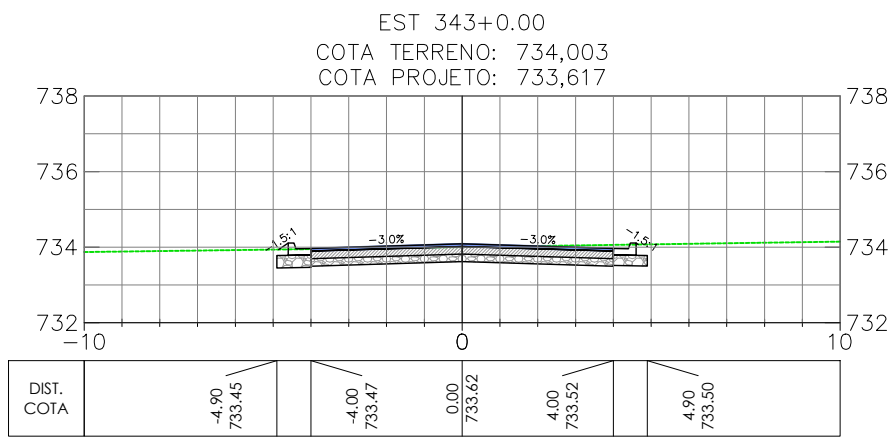
## 2



FORMATO - 841x594mm



Anel Rodoviário



OBSERVAÇÕES

- 1 - MEDIDAS, COORDENADAS E ELEVÇÕES EM METRO, EXCETO ONDE INDICADO  
2 - PODERÃO OCORRER AJUSTES EM CAMPO QUANDO A EXECUÇÃO DA OBRA POR DETERMINAÇÃO DA PREFEITURA.

LEGENDA

- EIXO PROJETADO  
TERRENO NATURAL

REVISÃO	DESCRIÇÃO	TIPO	ELABORADO	VERIFICADO	DATA
00	EMIÇÃO INICIAL	EXE	GMT	LGR	15/09/2021
01	REVISÃO	EXE	CLP	LGR	04/02/2022
02	REVISÃO	EXE	IFT	LGR	09/08/2022

TIPOS DE EMISSÃO	ATP - ANTEPROJETO BSC - BÁSICO EXE - EXECUTIVO	APV - APROVADO PCT - P/ CONSTRUÇÃO ASB - "AS BUILT"	CNC - CANCELADO
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OBJETIVA  
PROJETOS E SERVIÇOS

OBJETIVA PROJETOS E SERVIÇOS  
ALAMEDA OSCAR NIEMAYER, Nº500, SALA 505 - VALE DO SERENO  
NOVA LIMA-MG - CEP: 34.006-056  
TEL.: (31) 3347-4405 / (31) 3347-7079 / (31) 3571-1920  
EMAIL: contata@grupoprojetosengenharia.com.br



PREFEITURA MUNICIPAL DE BOM DESPACHO

PRÇA RMA ALBUQUERQUE, Nº45 - CENTRO  
BOM DESPACHO-MG - CEP: 35.600-000  
TEL: 0800 265 9797

PROJETO DE INFRAESTRUTURA

ANEL RODOVÁRIO LIGAÇÃO ENTRE BR-262 E MG-164, BOM DESPACHO-MG

PROJETO DE TERRAPLENAGEM

AUTORIA DO PROJETO:	CONTRATANTE DO PROJETO:
JULIANA GONÇALVES OLIVEIRA CREA MG - 239787/D	RESPONSÁVEL DA CONTRATANTE

DATA: JULHO/2022	ESCALA: 1:200	CÓDIGO: PRJ-TER
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TÍTULO DOS DESENHOS: SEÇÕES TRANSVERSAIS - ANEL RODOVÁRIO (EST. 343+0.00 A EST. 368+0.00) SEÇÃO TIPO	PRINCHIA: 15/39
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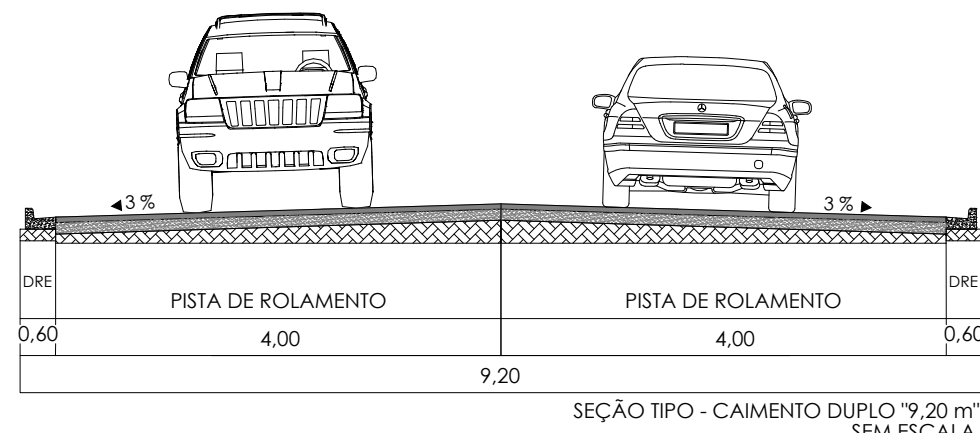
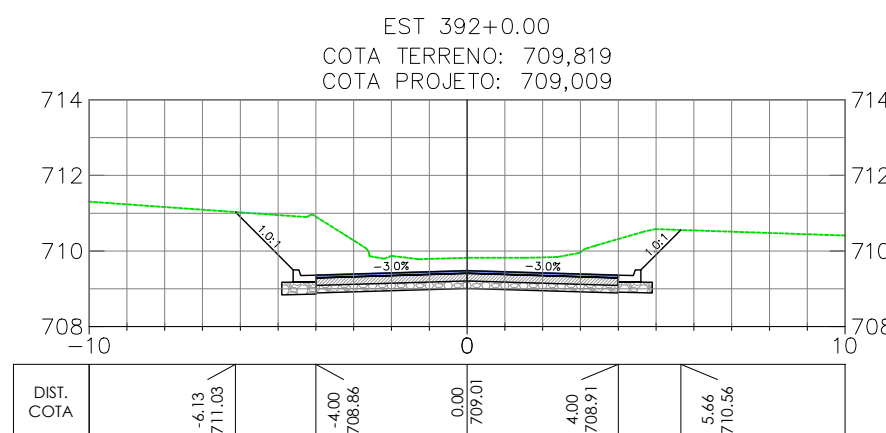
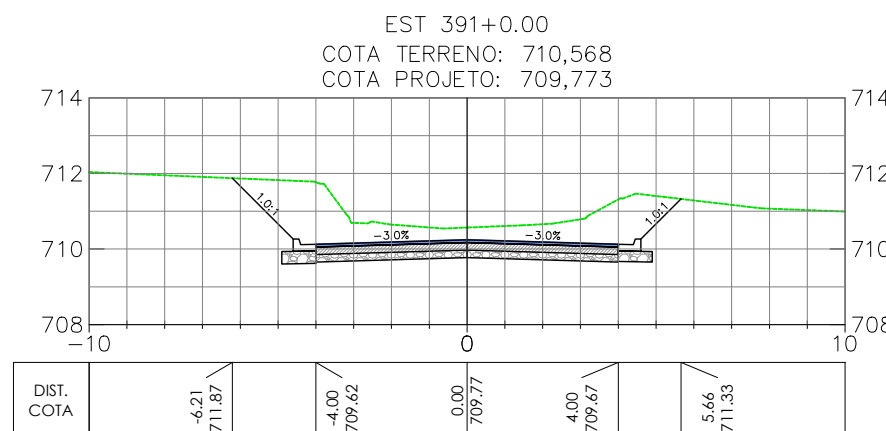
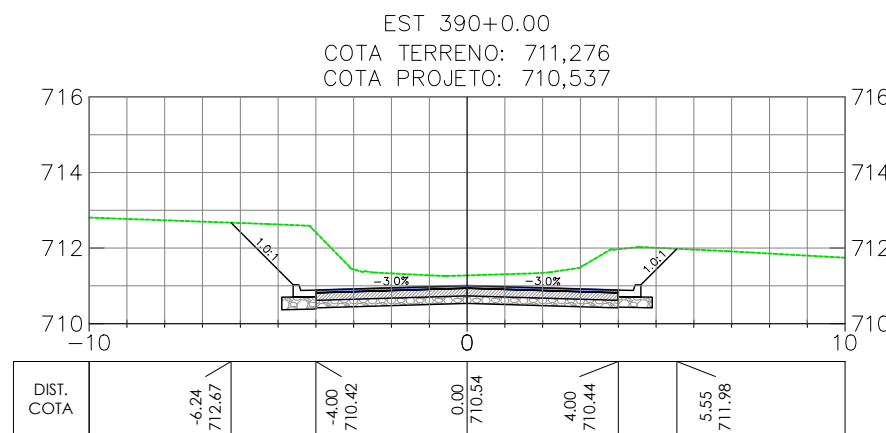
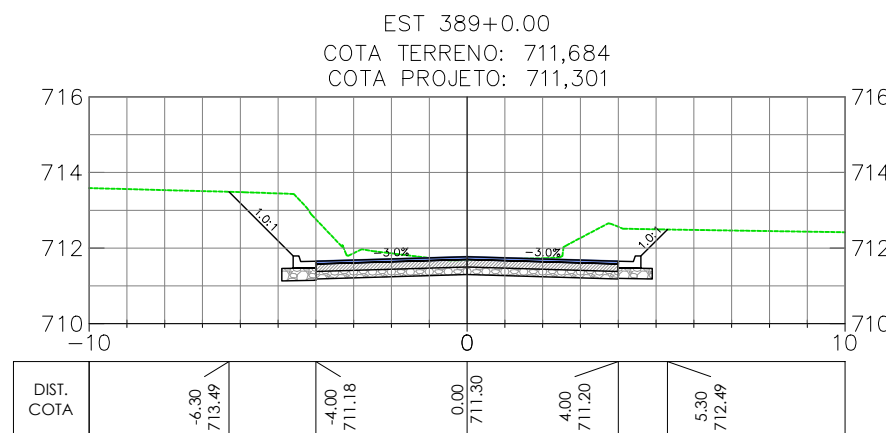
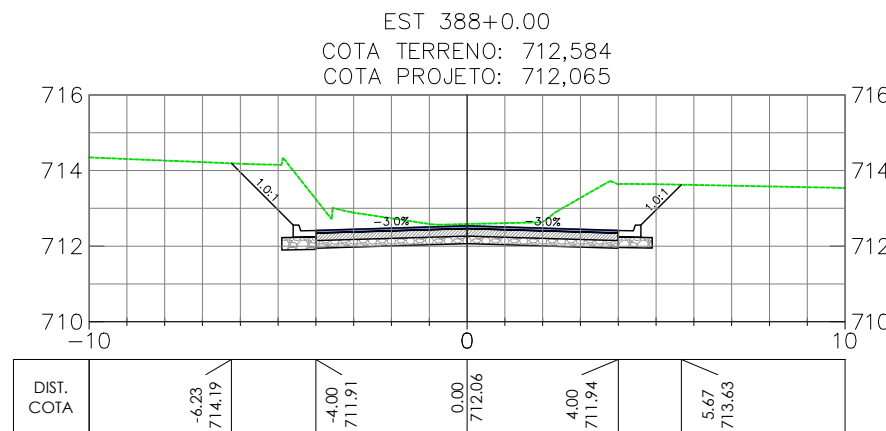
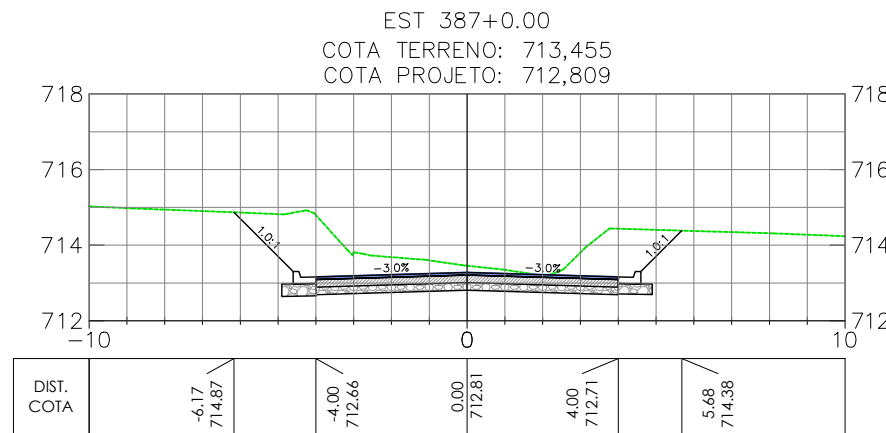
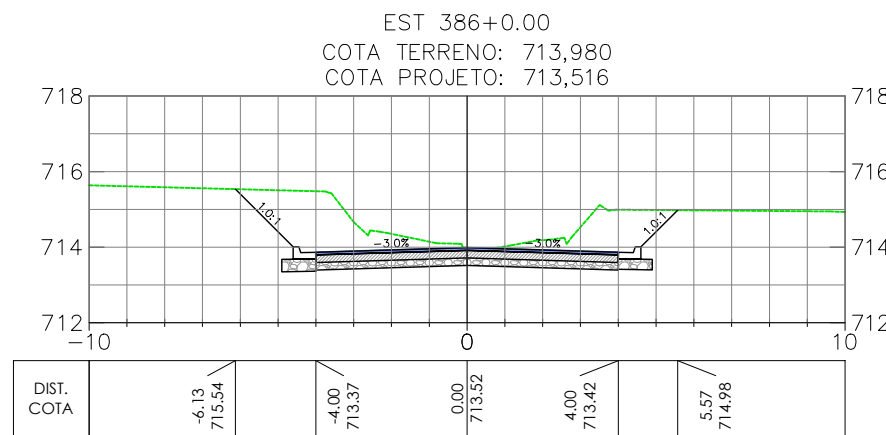
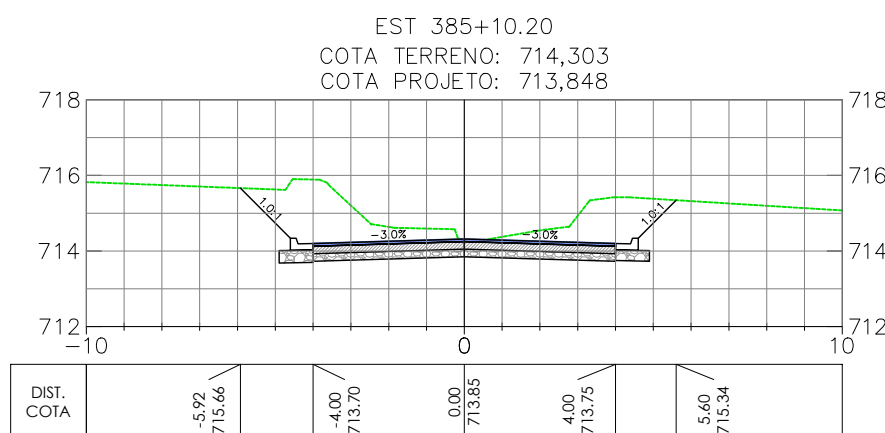
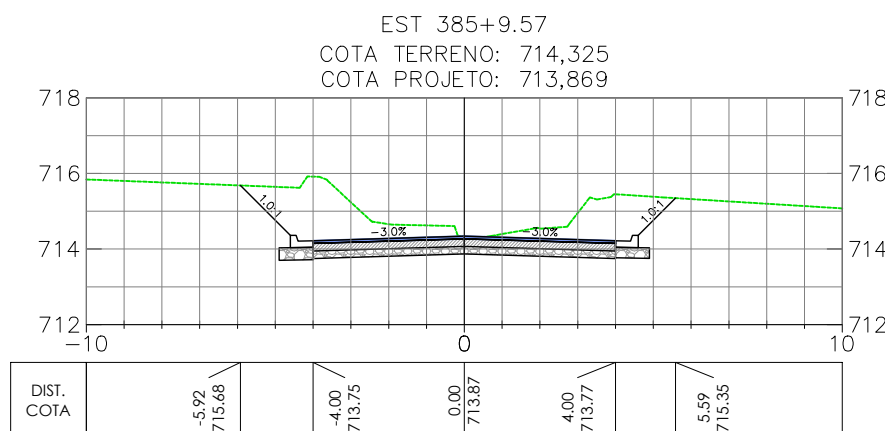
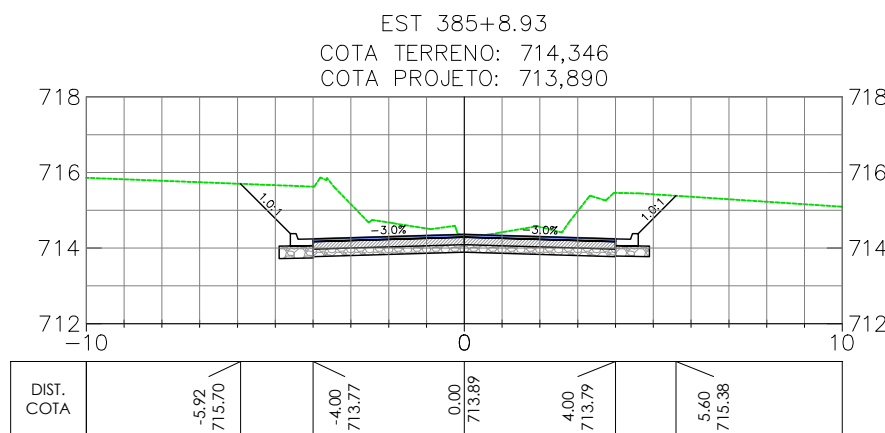
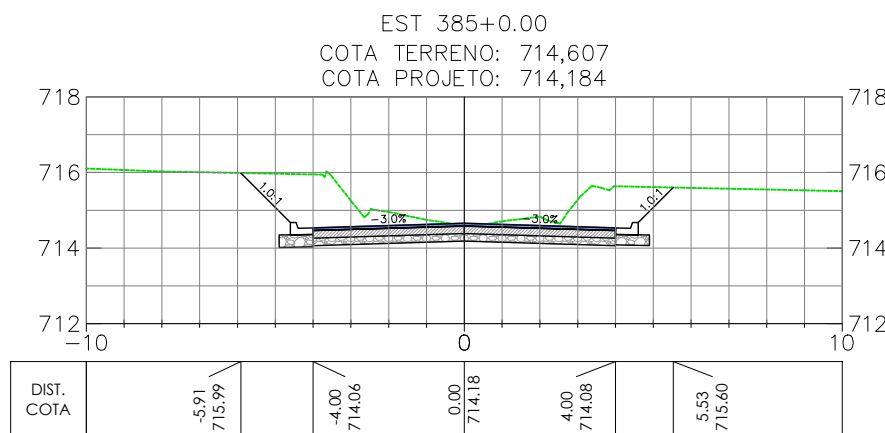
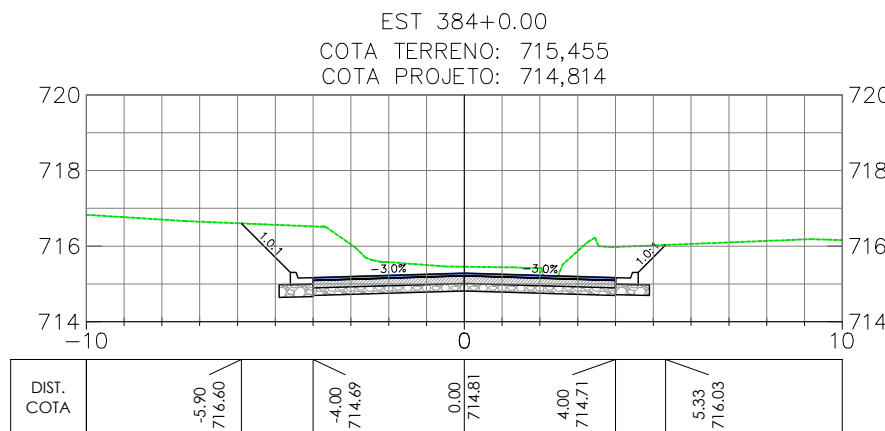
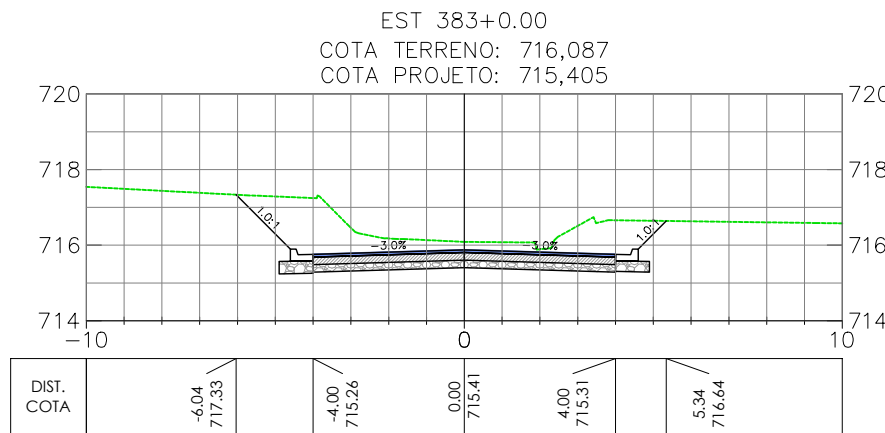
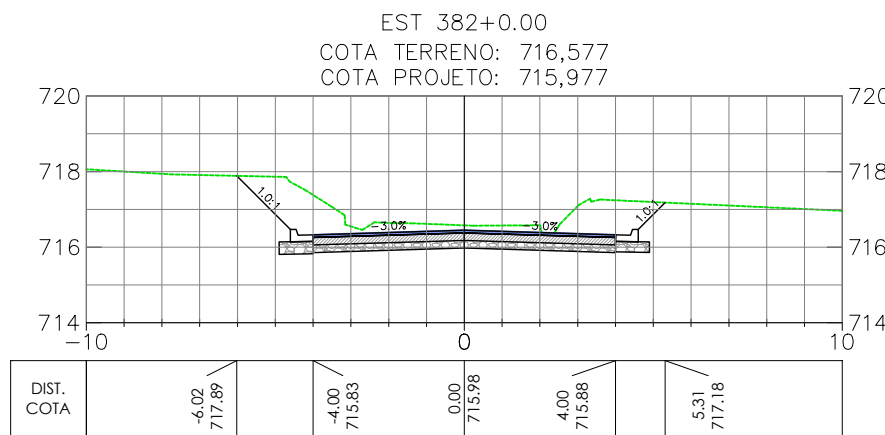
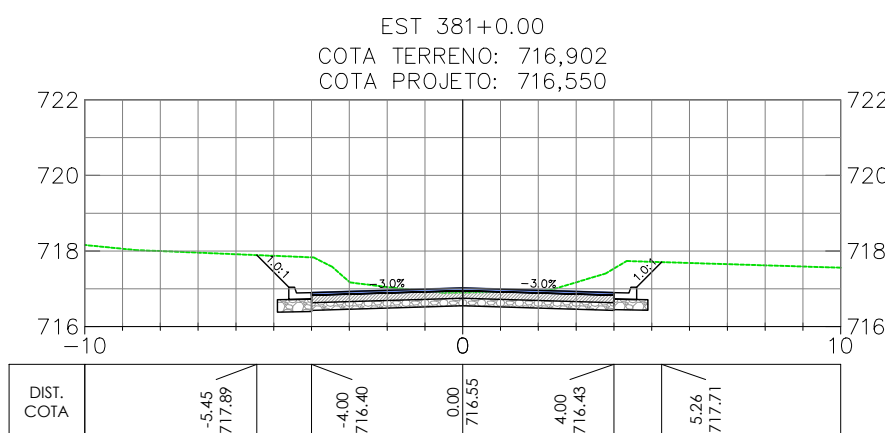
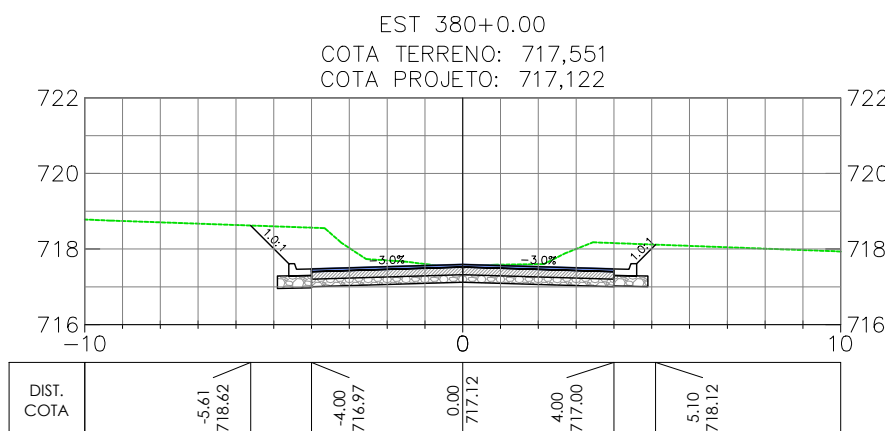
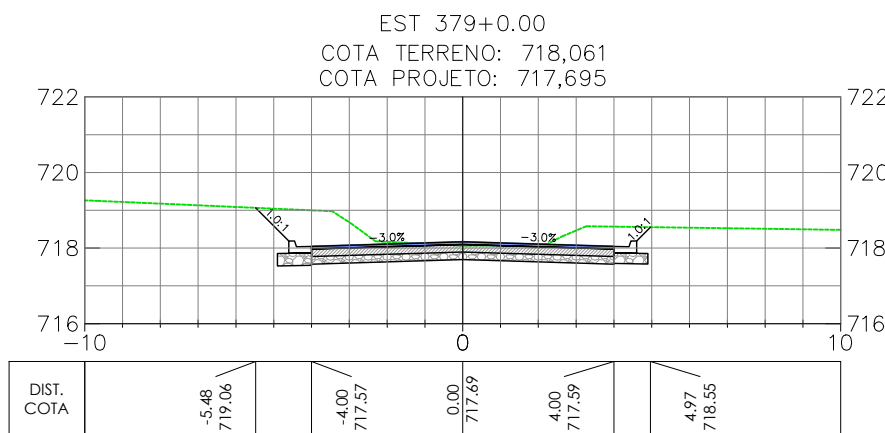
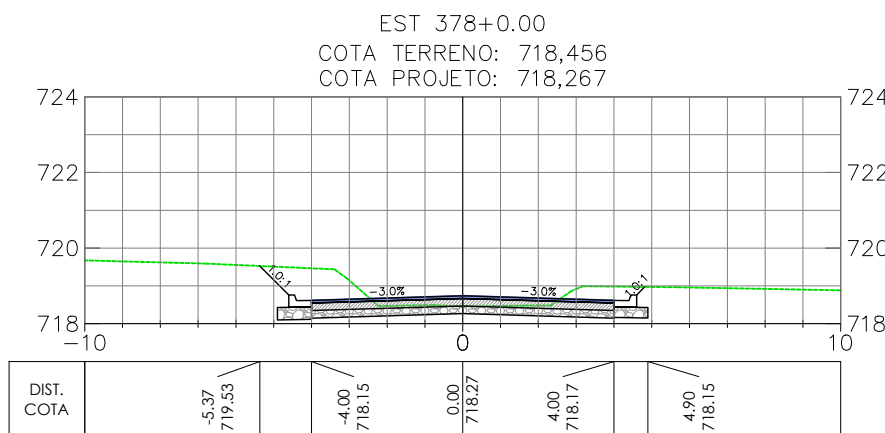
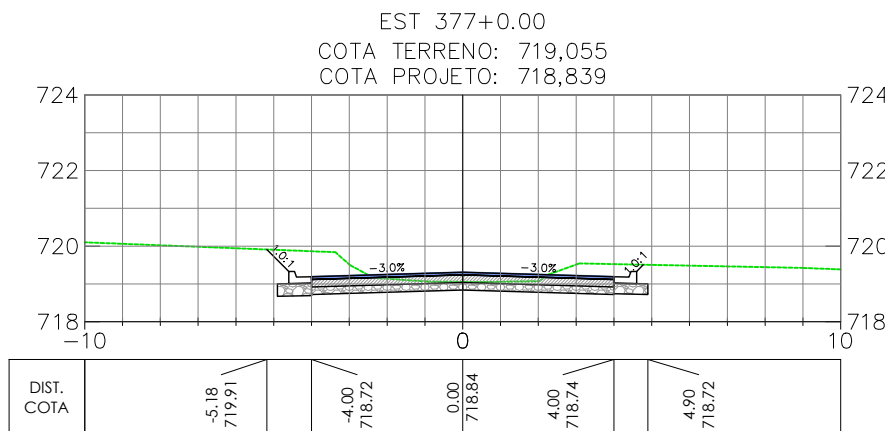
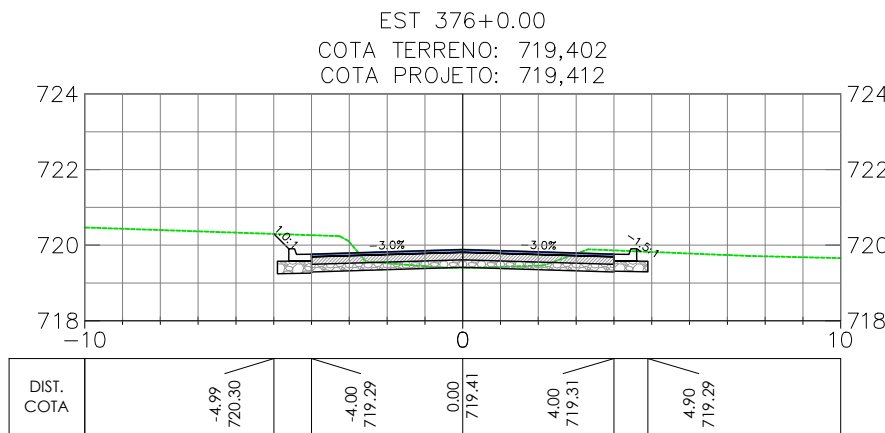
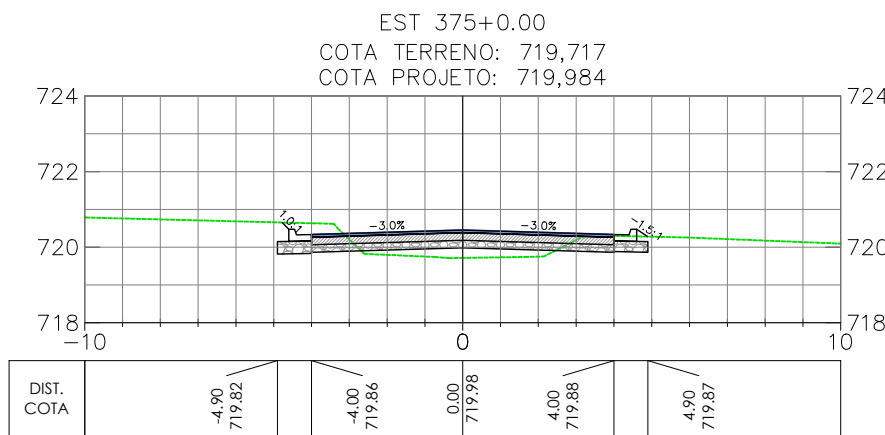
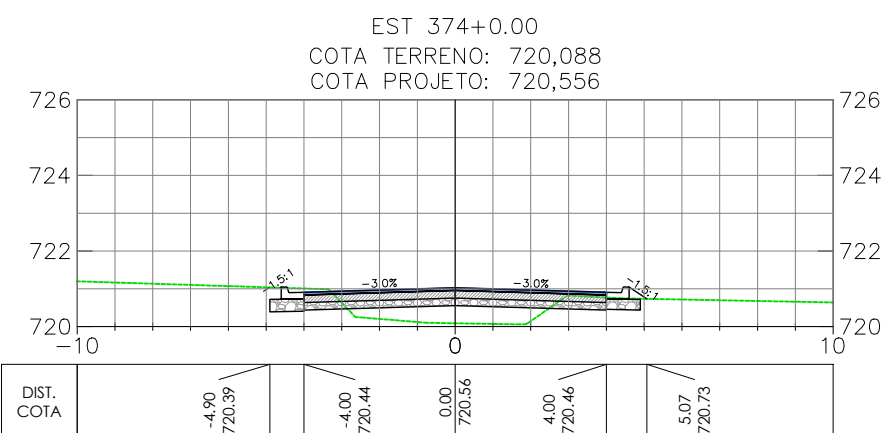
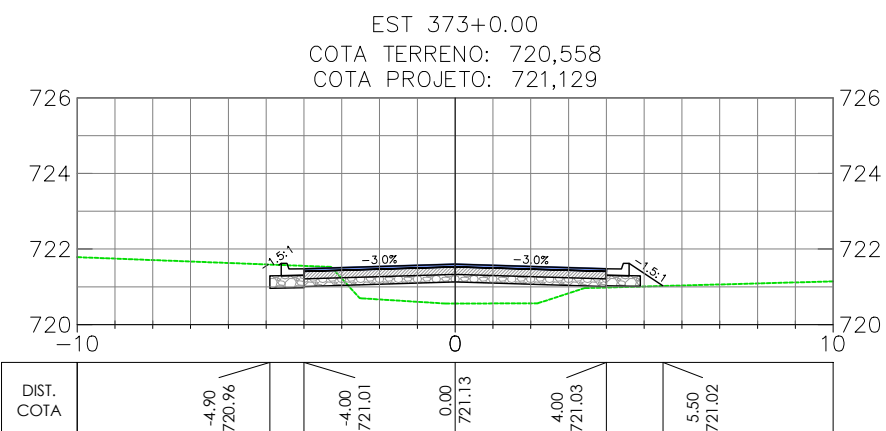
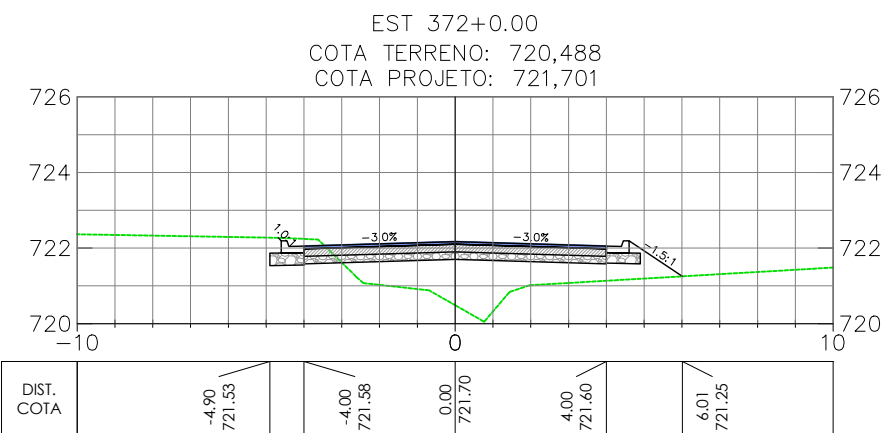
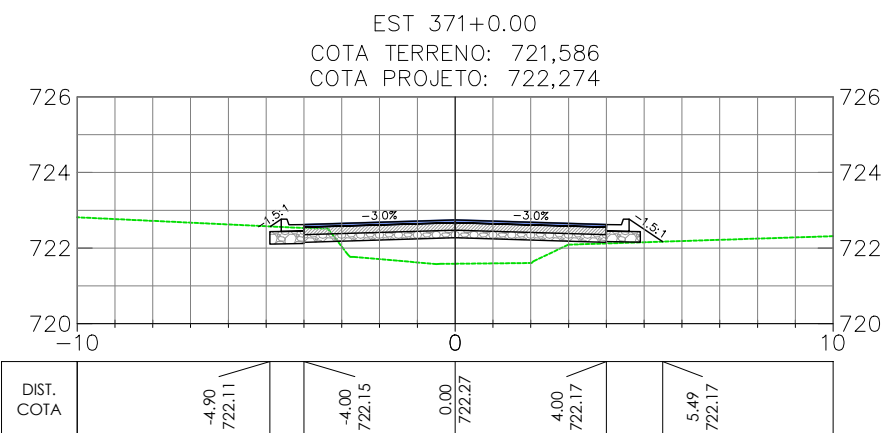
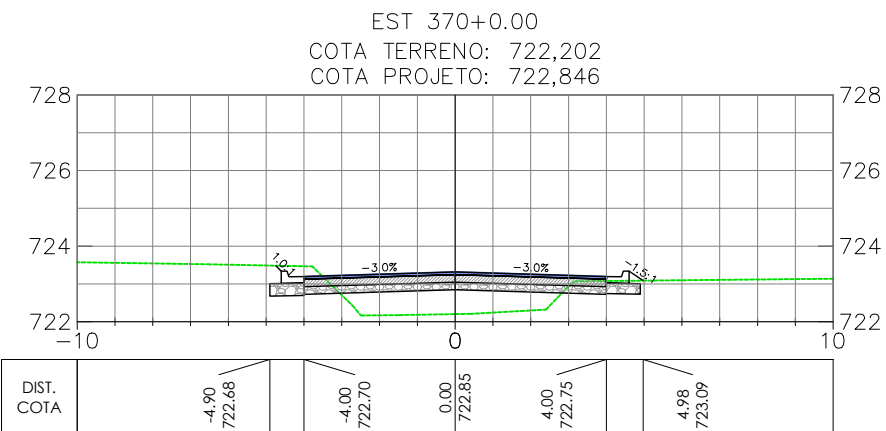
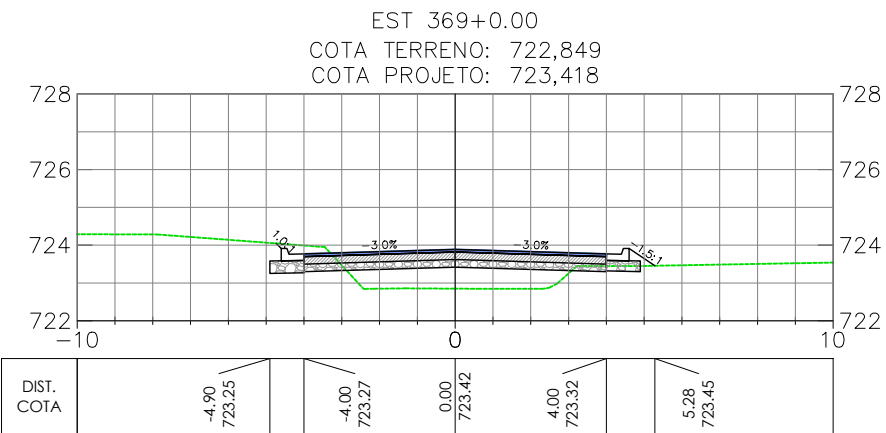
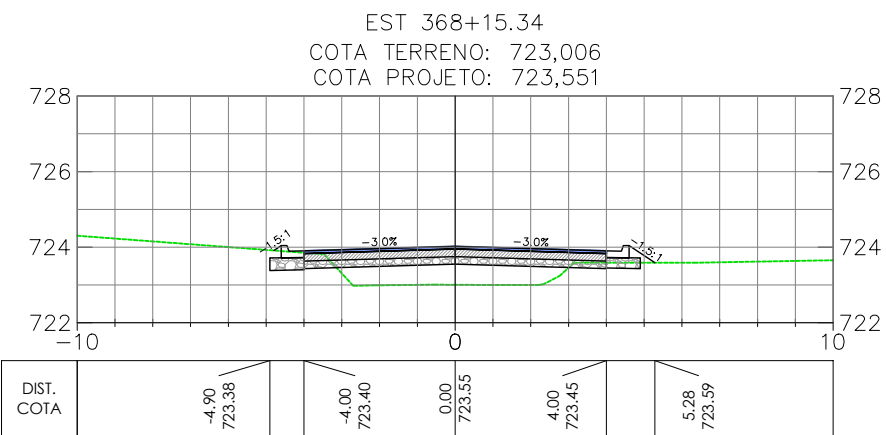
DIREITOS AUTORAIS RESERVADOS: PROIBIDO REPRODUÇÃO, DIVULGAÇÃO OU ALTERAÇÃO SEM ORDEM EXPRESSA DO AUTOR.

TÍTULO DOS DESENHOS:  
PRJ-EXE-TER-PRD-ARO-0181-REV02

FORMATO - A3  
841x594mm



Anel Rodoviário



OBSERVAÇÕES

- OBSERVAÇÕES GERAIS:
- 1 - MEDIDAS, COORDENADAS E ELEVÇÕES EM METRO, EXCETO ONDE INDICADO
  - 2 - PODERÃO OCORRER AJUSTES EM CAMPO QUANDO A EXECUÇÃO DA OBRA POR DETERMINAÇÃO DA PREFEITURA.

LEGENDA

- EIXO PROJETADO  
- - - TERRENO NATURAL

REVISÃO	DESCRIÇÃO	TIPO	ELABORADO	VERIFICADO	DATA
00	EMIÇÃO INICIAL	EXE	GMT	LGR	15/09/2021
01	REVISÃO	EXE	CLP	LGR	04/02/2022
02	REVISÃO	EXE	IFT	LGR	09/08/2022

TIPOS DE EMISSÃO	ATP - ANTEPROJETO BSC - BÁSICO EXE - EXECUTIVO	APV - APROVADO PCT - P/ CONSTRUÇÃO ASB - "AS BUILT"	CNC - CANCELADO
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**OBJETIVA** OBJETIVA PROJETOS E SERVIÇOS

ALAMEDA OSCAR NIEMAYER, Nº500, SALA 505 - VALE DO SERENO  
NOVA LIMA-MO - CEP: 34.008-056  
TEL.: (31) 3347-4405 / (31) 3347-7079 / (31) 3571-1920  
EMAIL: contata@grupoprojetosengenharia.com.br

**PREFEITURA MUNICIPAL DE BOM DESPACHO**

PRÇA RMA ALBUQUERQUE, Nº45 - CENTRO  
BOM DESPACHO-MG - CEP: 35.600-000  
TEL: 0800 285 9797

PROJETO DE INFRAESTRUTURA

ANEL RODOVIÁRIO LIGAÇÃO ENTRE BR-262 E MG-164, BOM DESPACHO-MG

PROJETO DE TERRAPLENAGEM

AUTORIA DO PROJETO:	CONTRATANTE DO PROJETO:
JULIANA GONÇALVES OLIVEIRA CREA MG - 239787/D	RESPONSÁVEL DA CONTRATANTE

DATA: JULHO/2022	ESCALA: 1:200	CÓDIGO: PRJ-TER
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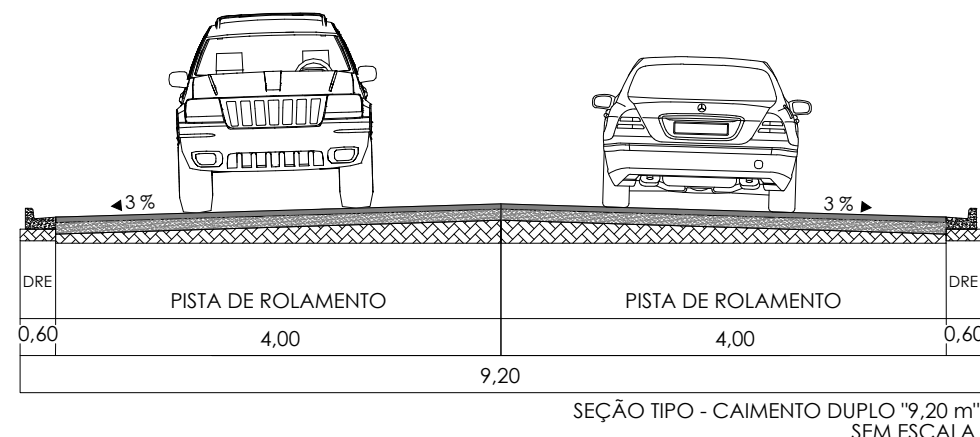
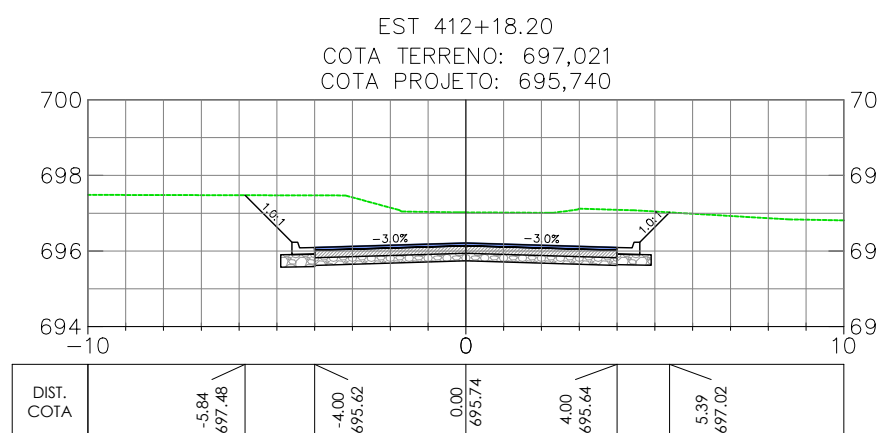
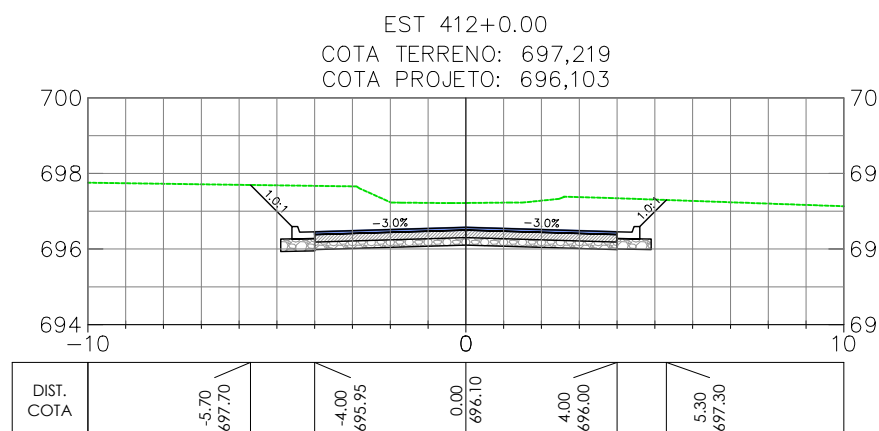
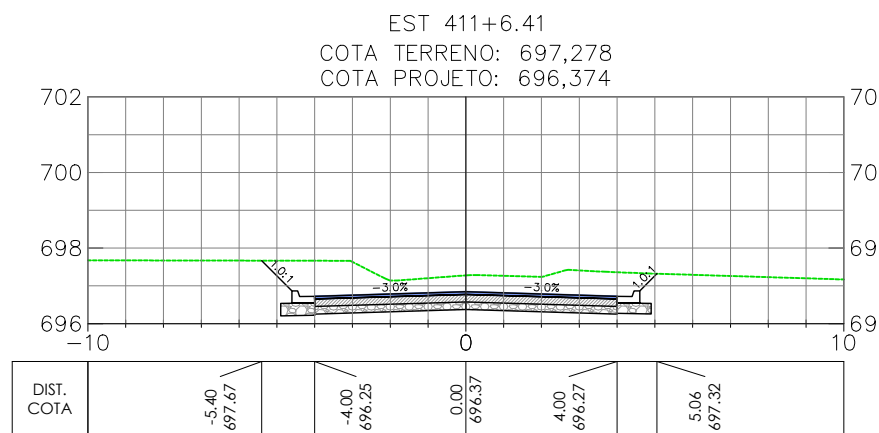
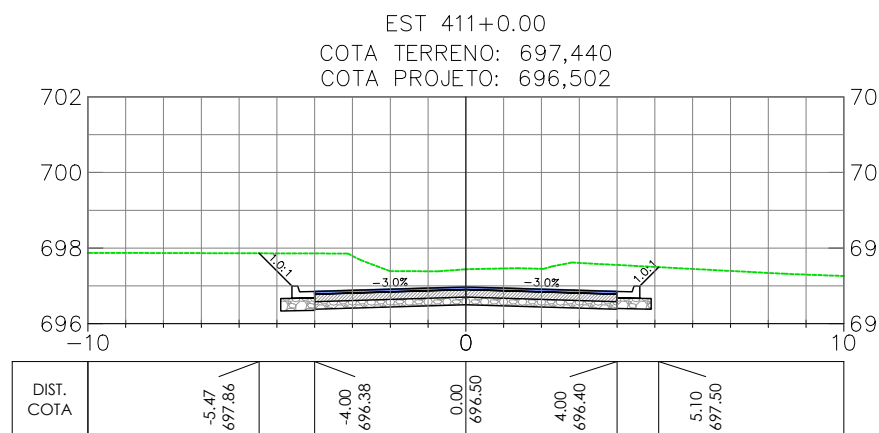
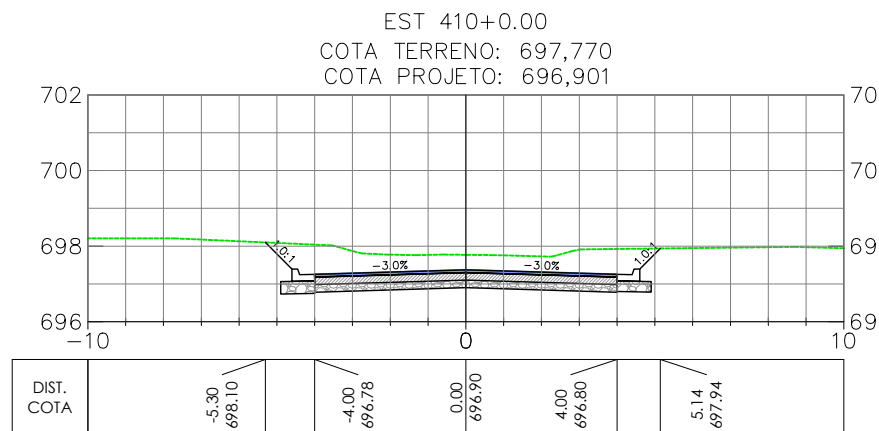
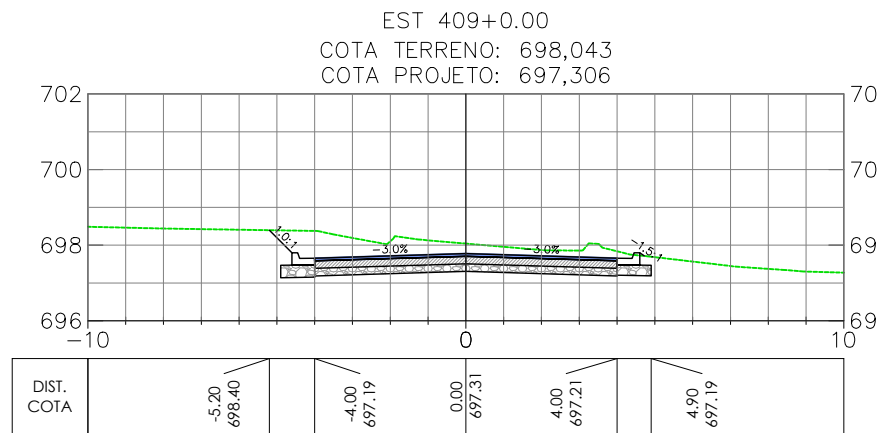
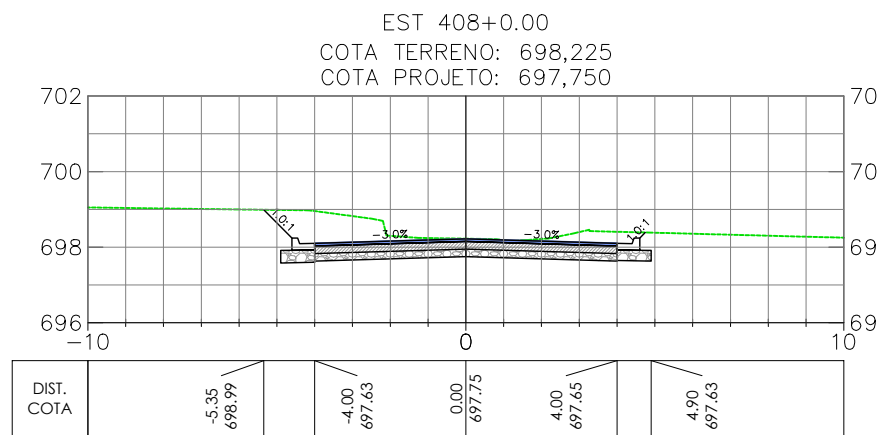
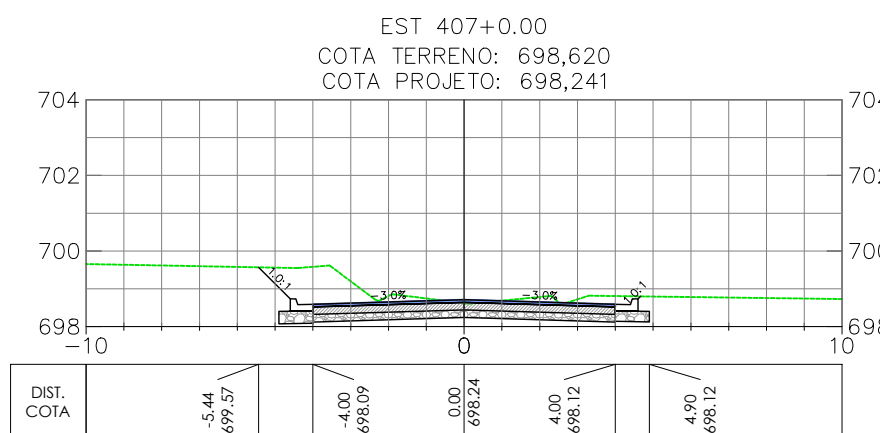
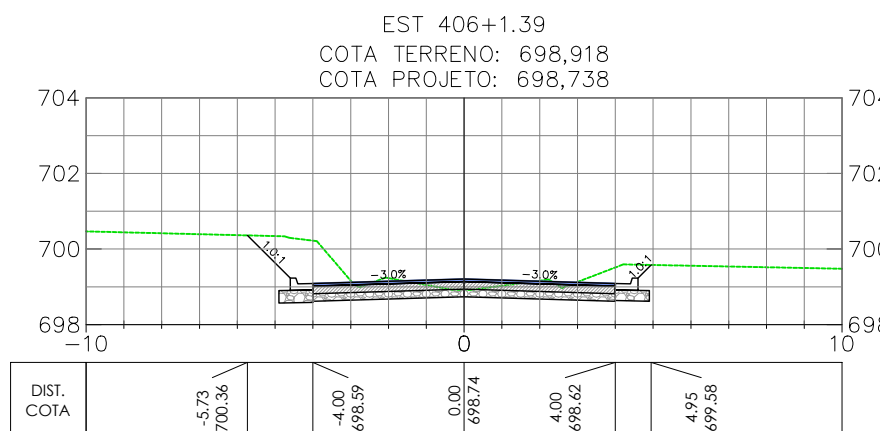
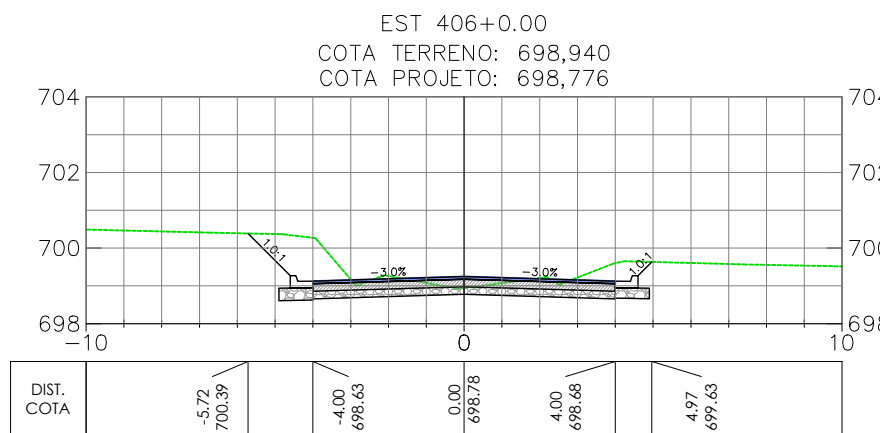
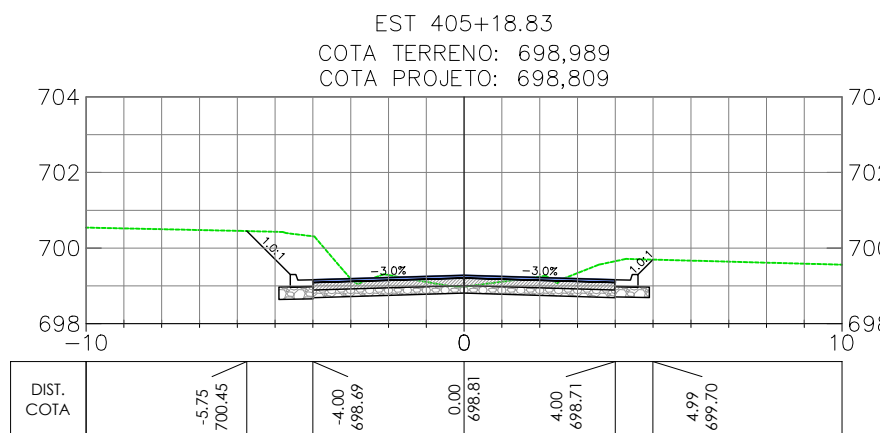
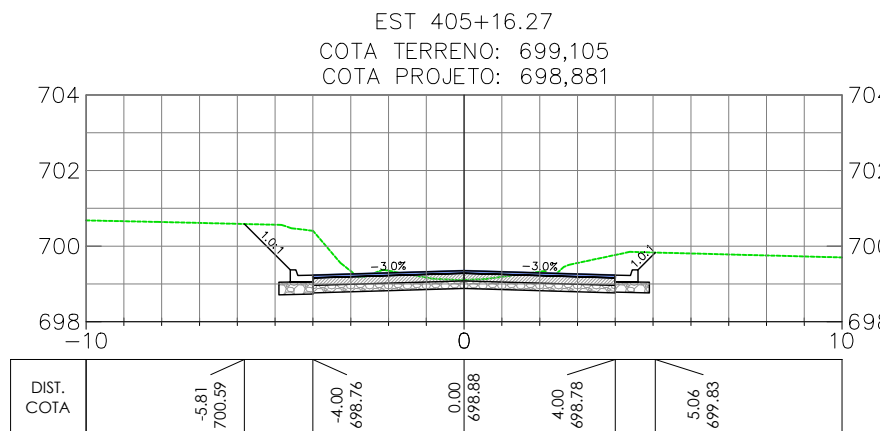
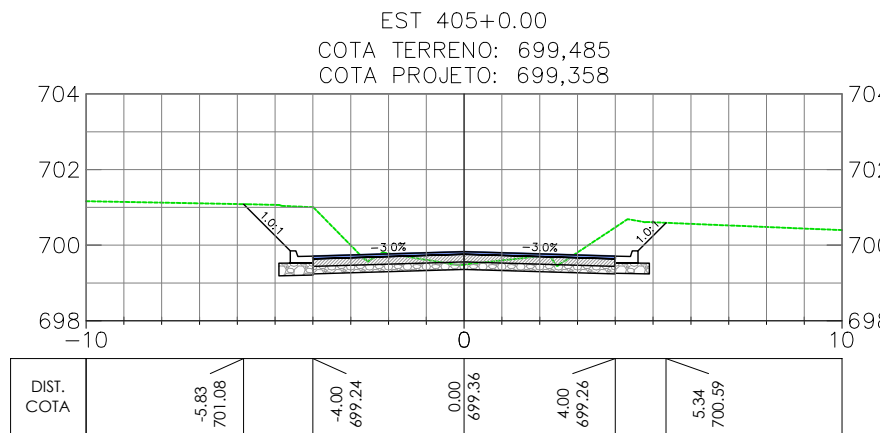
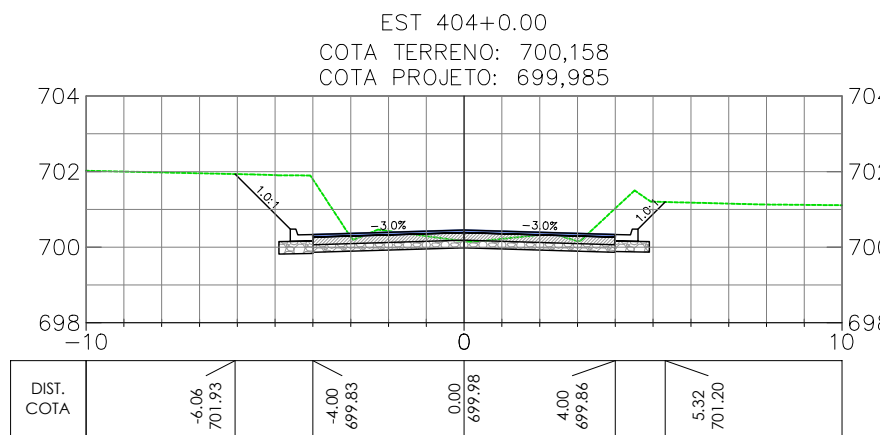
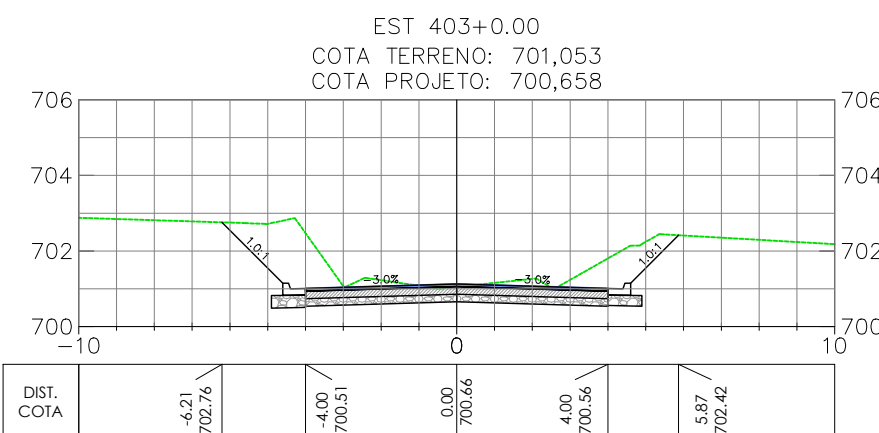
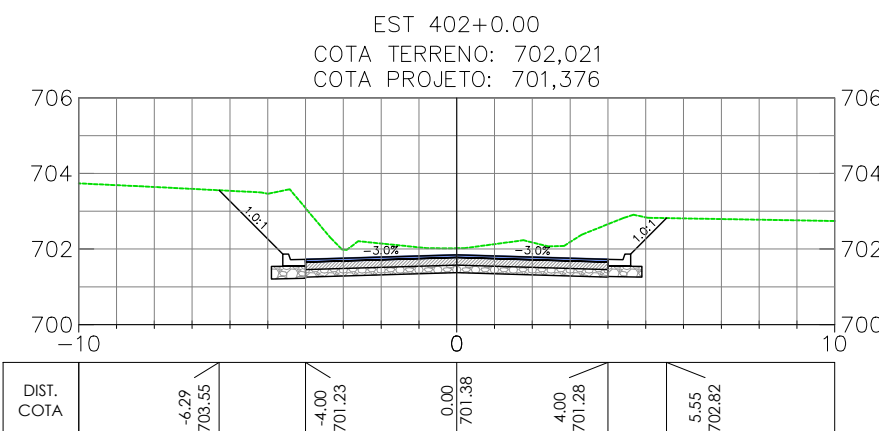
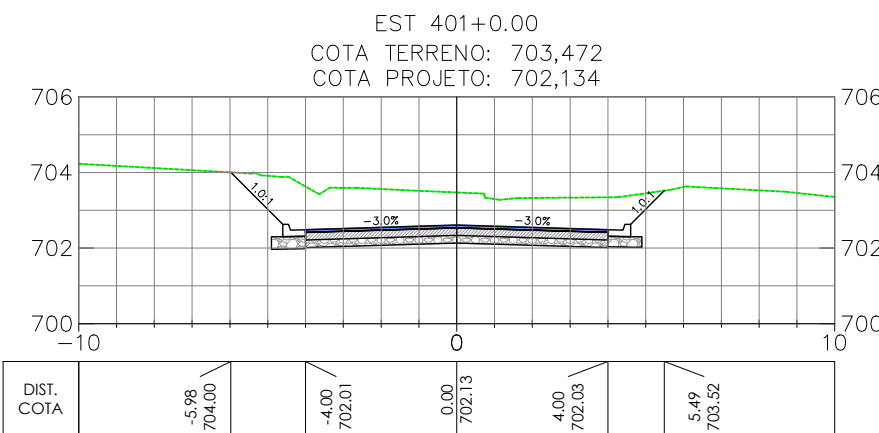
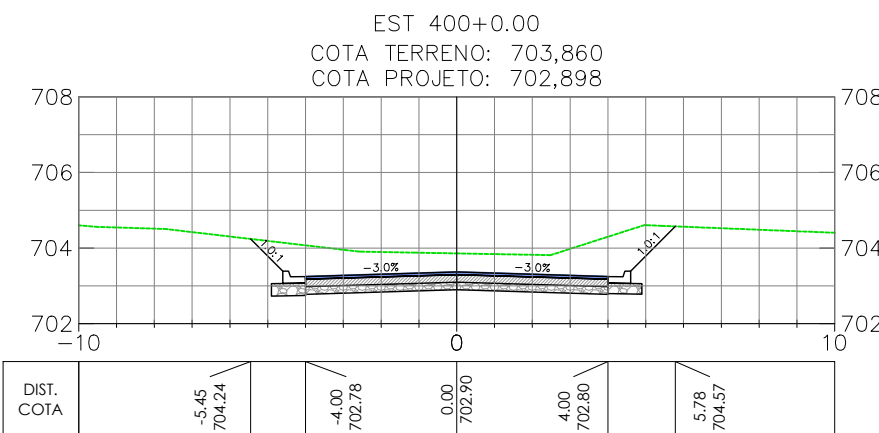
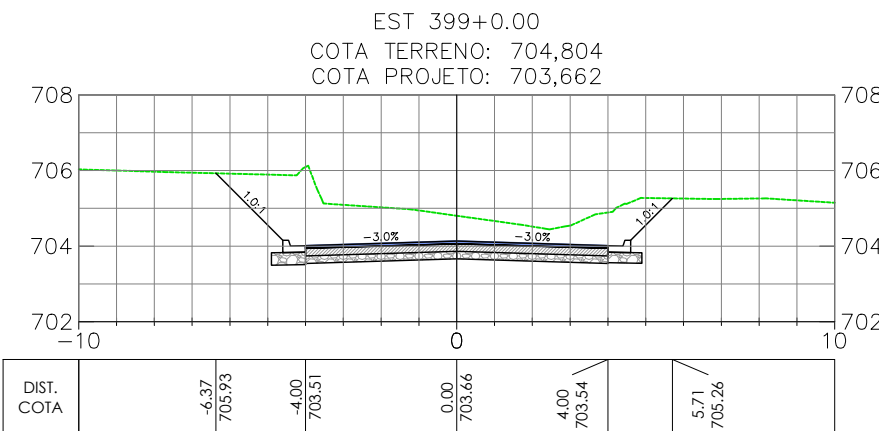
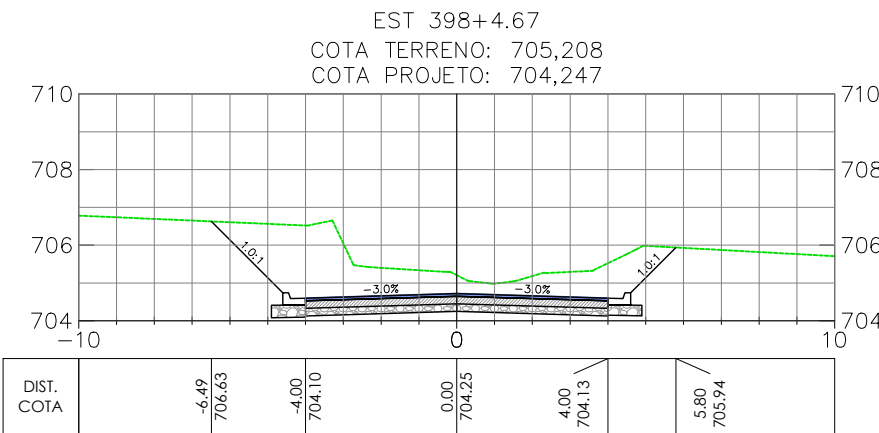
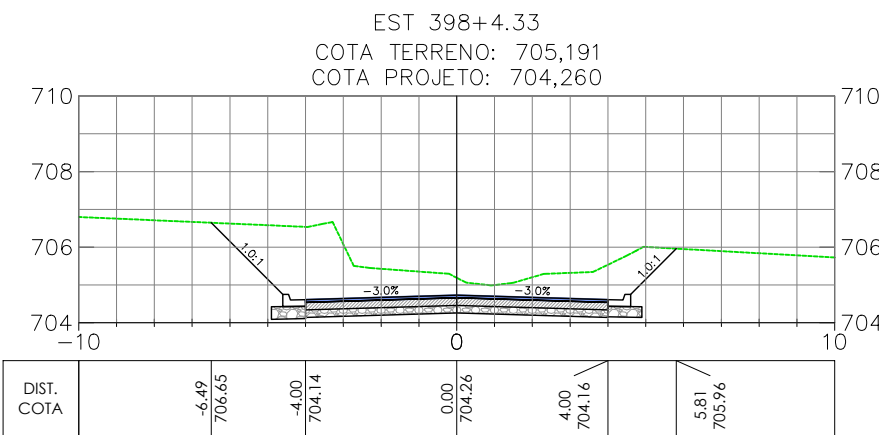
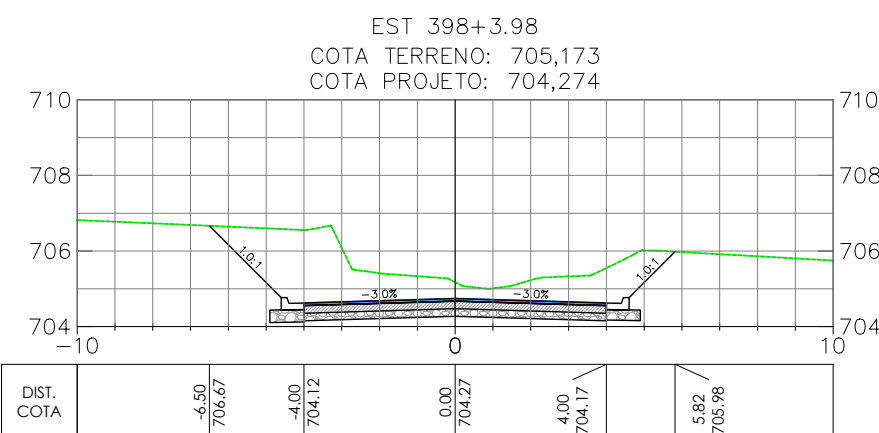
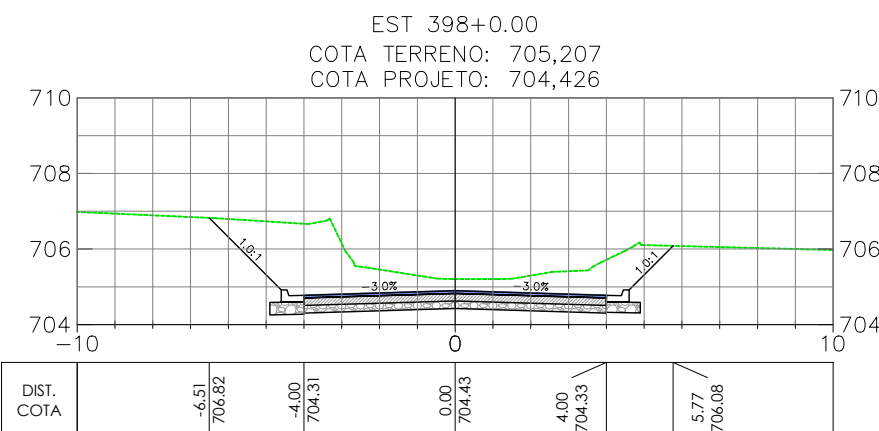
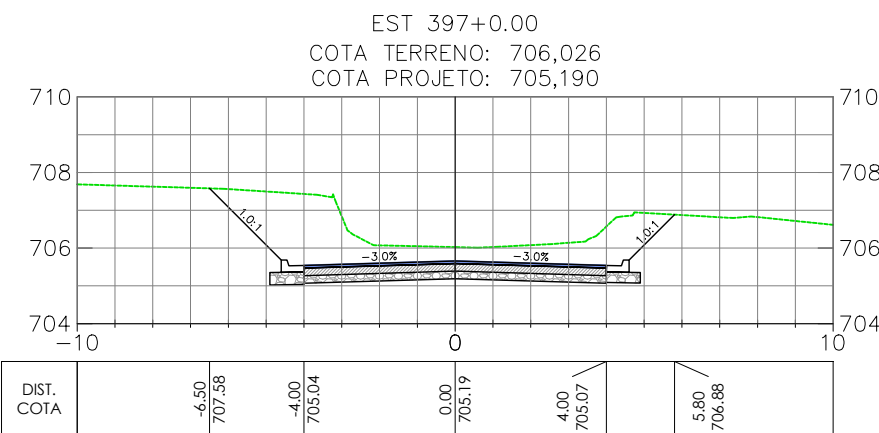
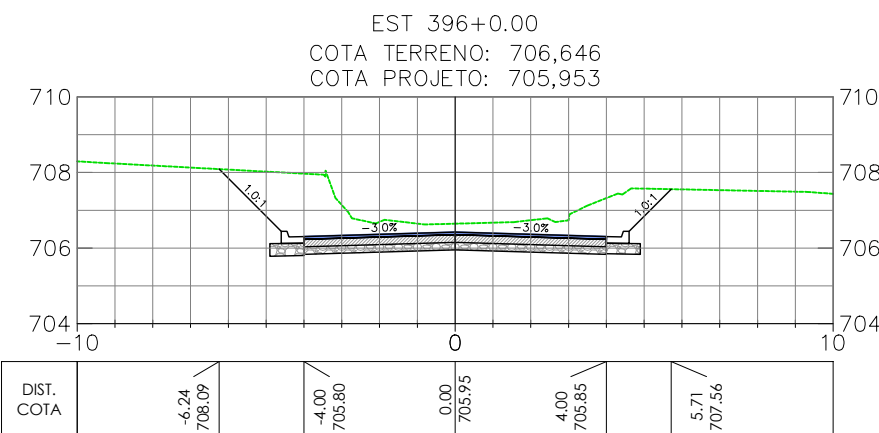
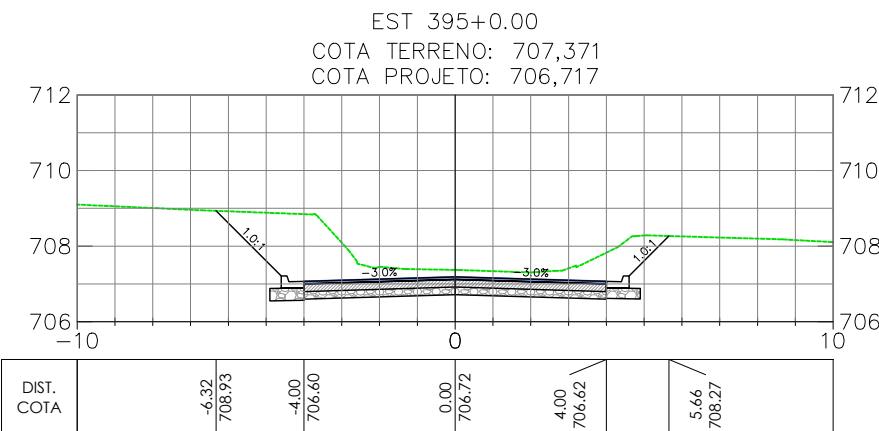
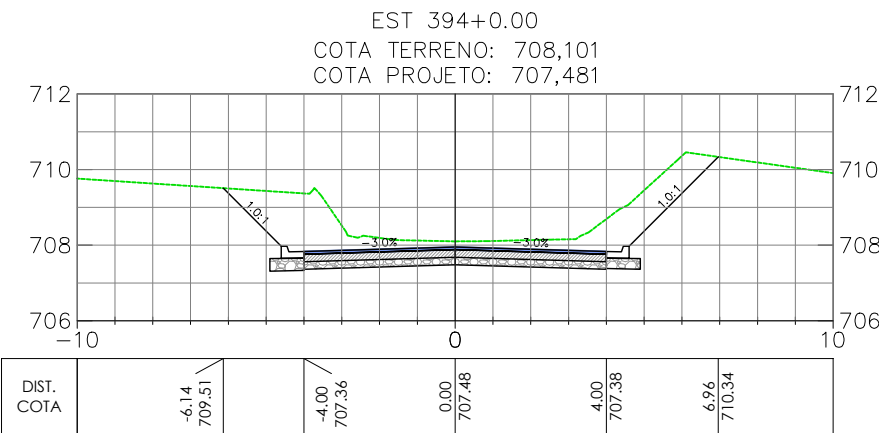
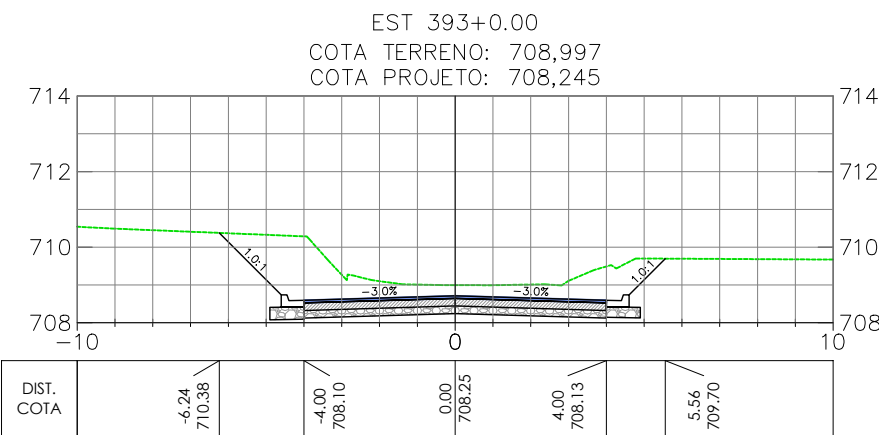
TÍTULO DOS DESENHOS: SEÇÕES TRANSVERSAIS - ANEL RODOVIÁRIO (EST. 368+15.34 A EST. 392+0.00) SEÇÃO TIPO	PRANCHAS: 16/39
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DIREITOS AUTORAIS RESERVADOS: PROIBIDO REPRODUÇÃO, DIVULGAÇÃO OU ALTERAÇÃO SEM ORDEM EXPRESSA DO AUTOR.

TÍTULO DOS DESENHOS:  
PRJ-EXE-TER-PRD-ARO-0181-REV02



Anel Rodoviário



OBSERVAÇÕES

- OBSERVAÇÕES GERAIS:
- 1 - MEDIDAS, COORDENADAS E ELEVÇÕES EM METRO, EXCETO ONDE INDICADO
  - 2 - PODERÃO OCORRER AJUSTES EM CAMPO QUANDO A EXECUÇÃO DA OBRA POR DETERMINAÇÃO DA PREFEITURA.

LEGENDA

- EIXO PROJETADO  
- - - - - TERRENO NATURAL

REVISÃO	DESCRIÇÃO	TIPO	ELABORADO	VERIFICADO	DATA
00	EMISSION INICIAL	EXE	GMT	LGR	15/09/2021
01	REVISÃO	EXE	CLP	LGR	04/02/2022
02	REVISÃO	EXE	IFT	LGR	09/08/2022

TIPOS DE EMISSÃO	ATP - ANTEPROJETO BSC - BÁSICO EXE - EXECUTIVO	APV - APROVADO PCT - P/ CONSTRUÇÃO ASB - "AS BUILT"	CNC - CANCELADO
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**OBJETIVA** OBJETIVA PROJETOS E SERVIÇOS

ALAMEDA OSCAR NIEMAYER, Nº500, SALA 505 - VALE DO SERENO  
NOVA LIMA-MO - CEP: 34.006-056  
TEL.: (31) 3347-4405 / (31) 3347-7079 / (31) 3571-1920  
EMAIL: contata@grupoprojetosengenharia.com.br

**PREFEITURA MUNICIPAL DE BOM DESPACHO**

PRÇA RMA ALBUQUERQUE, Nº45 - CENTRO  
BOM DESPACHO-MG - CEP: 35.600-000  
TEL: 0800 265 9797

PROJETO DE INFRAESTRUTURA

ANEL RODOVIÁRIO LIGAÇÃO ENTRE BR-262 E MG-164, BOM DESPACHO-MG

PROJETO DE TERRAPLENAGEM

AUTORIA DO PROJETO:	CONTRATANTE DO PROJETO:
JULIANA GONÇALVES OLIVEIRA CREA MG - 239787/D	RESPONSÁVEL DA CONTRATANTE

DATA: JULHO/2022	ESCALA: 1:200	CÓDIGO: PRJ-TER
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TÍTULO DOS DESENHOS: SEÇÕES TRANSVERSAIS - ANEL RODOVIÁRIO (EST. 393+0.00 A EST. 412+18.20) SEÇÃO TIPO	PRINCHA: 17/39
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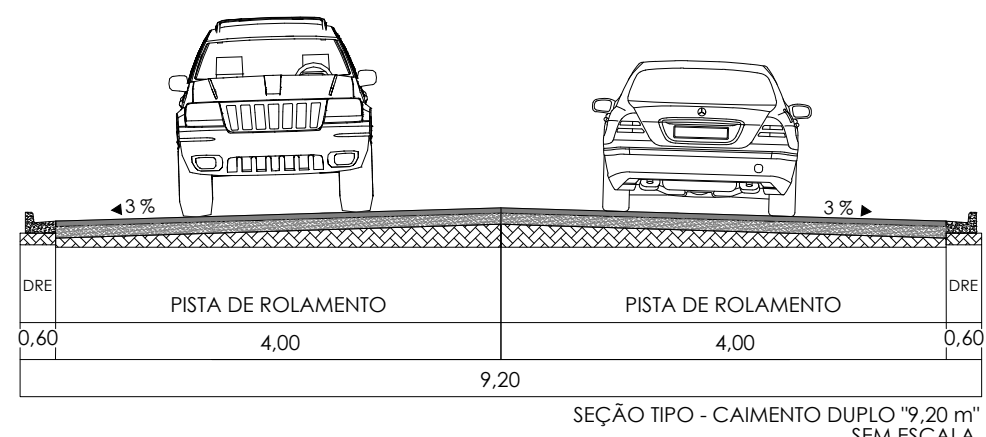
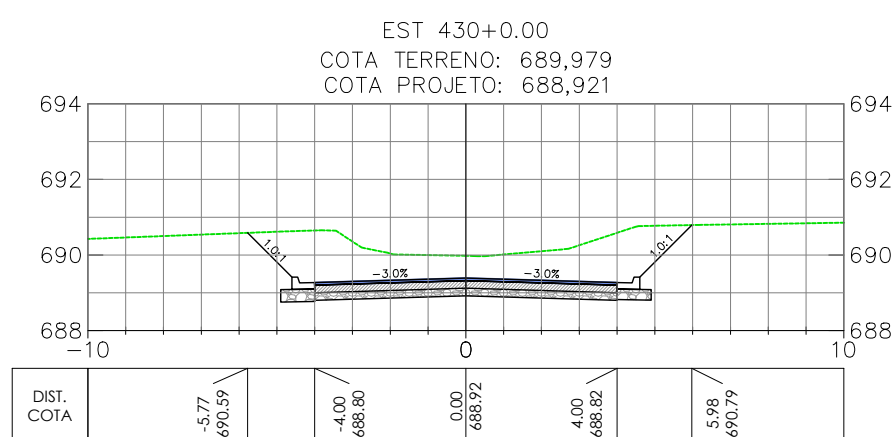
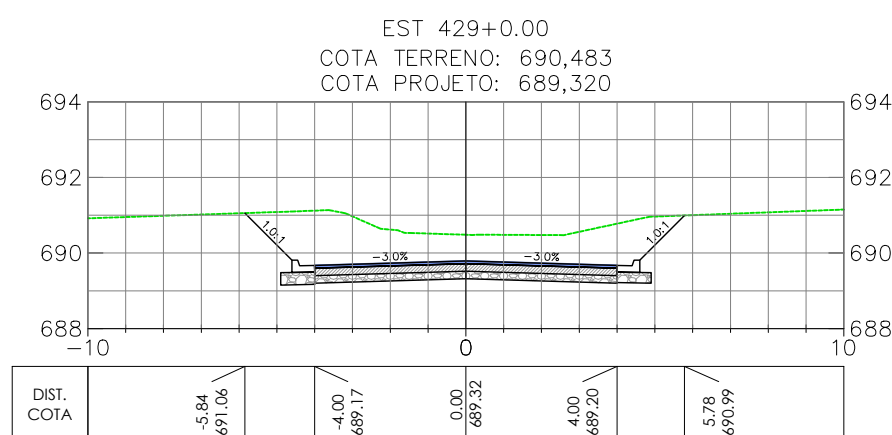
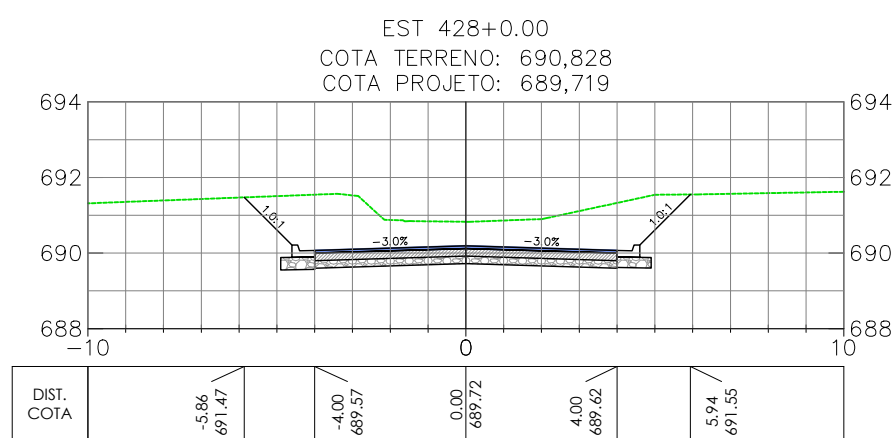
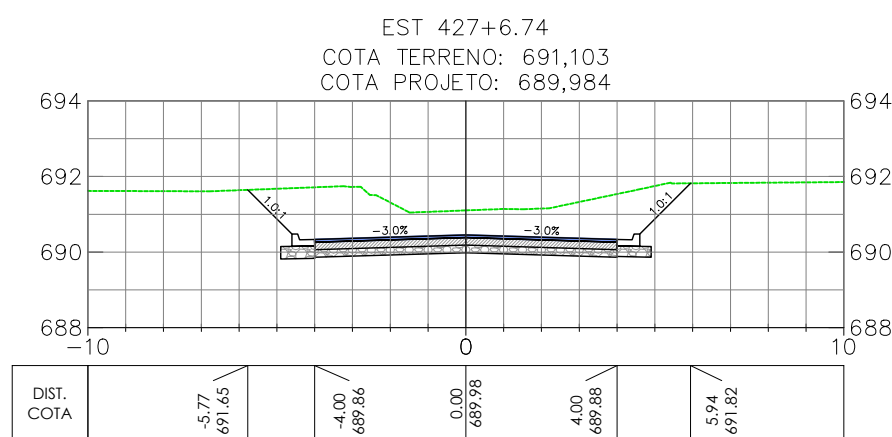
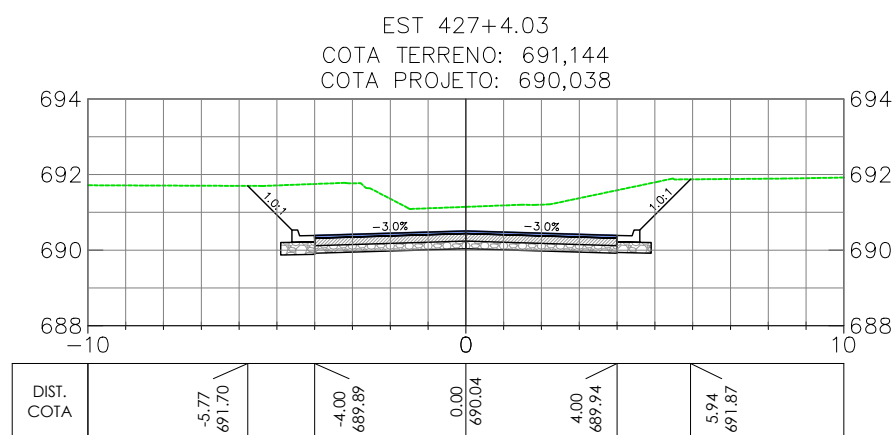
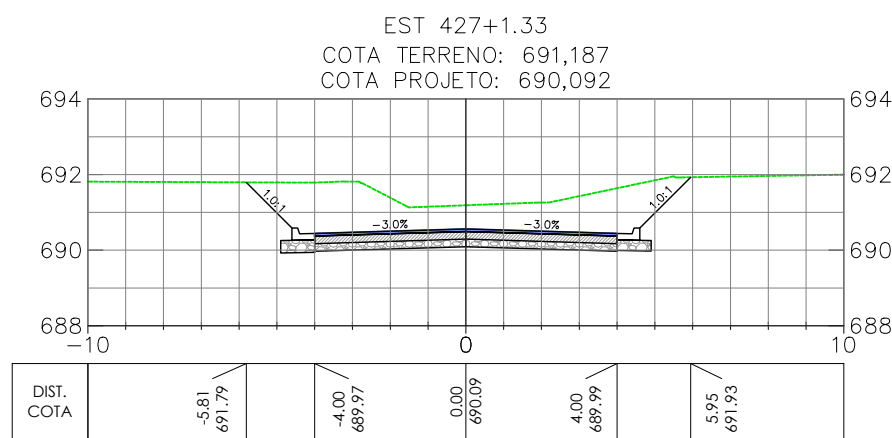
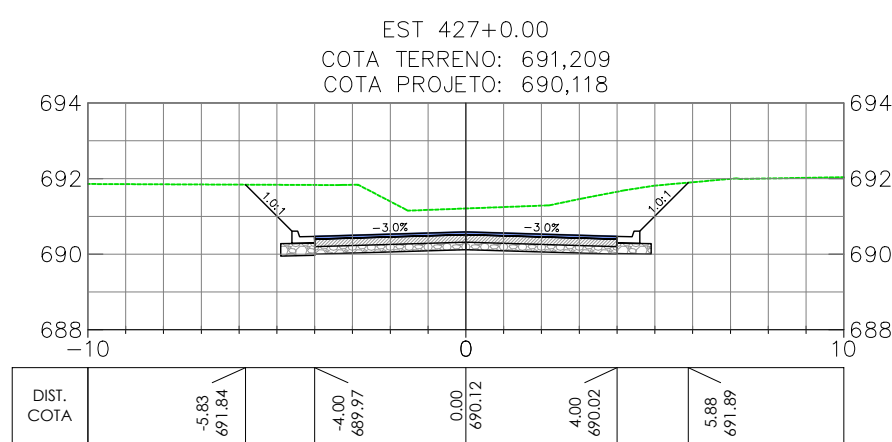
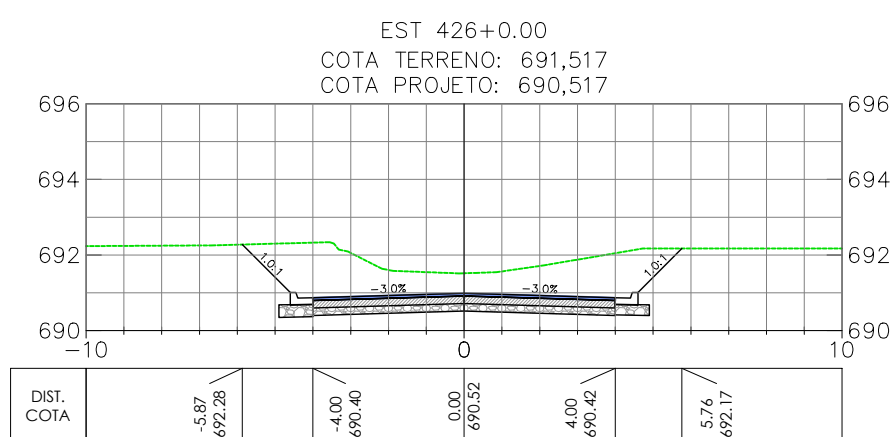
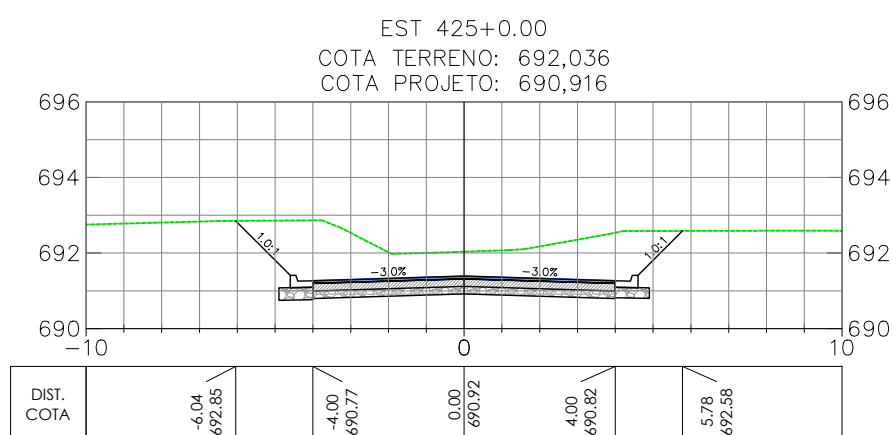
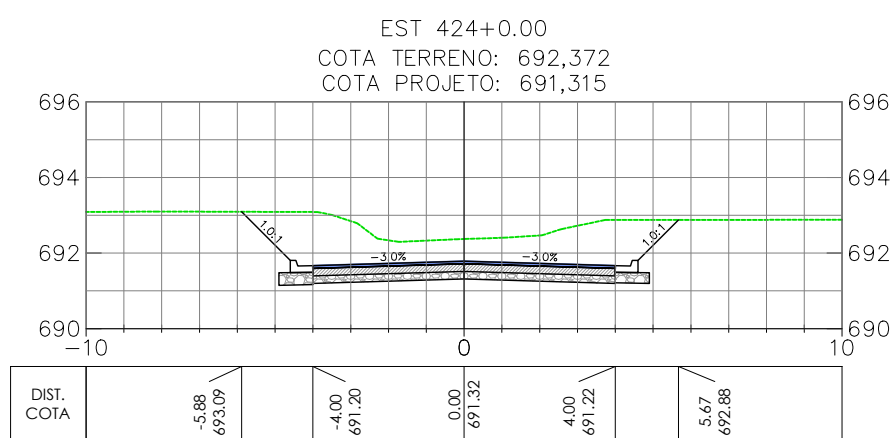
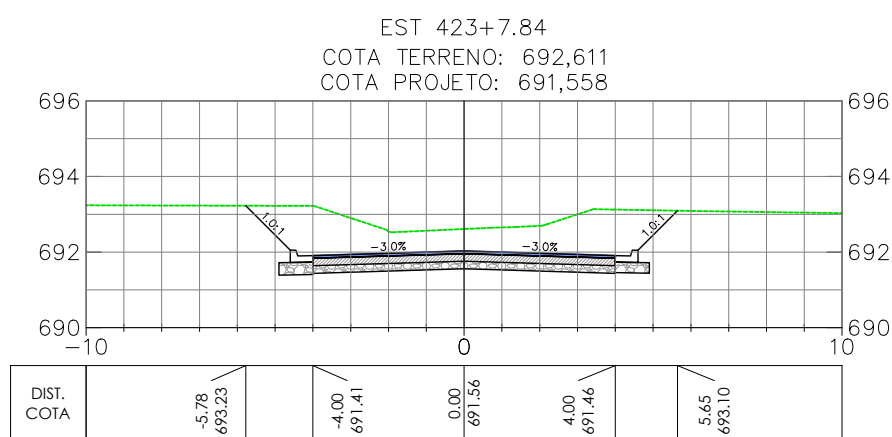
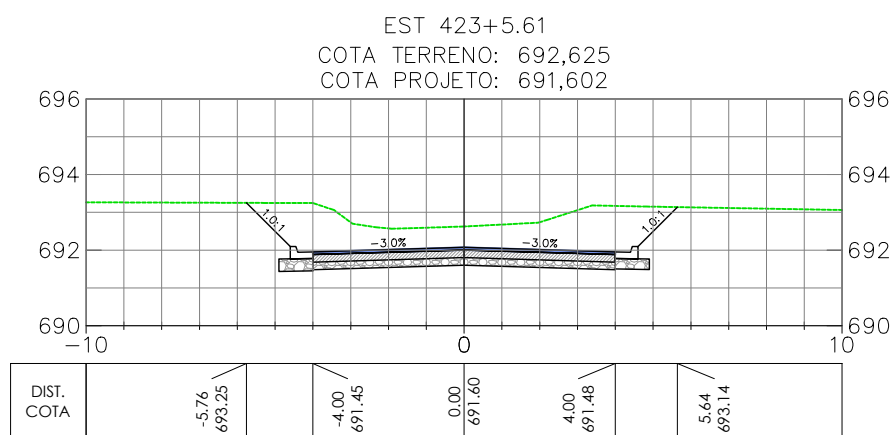
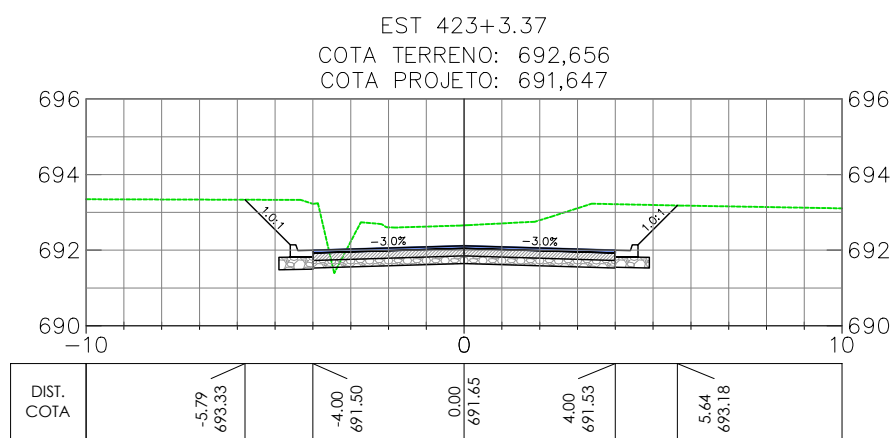
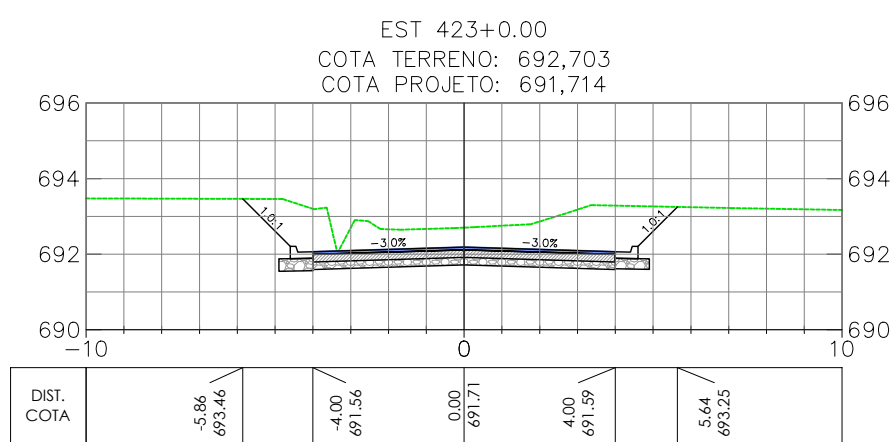
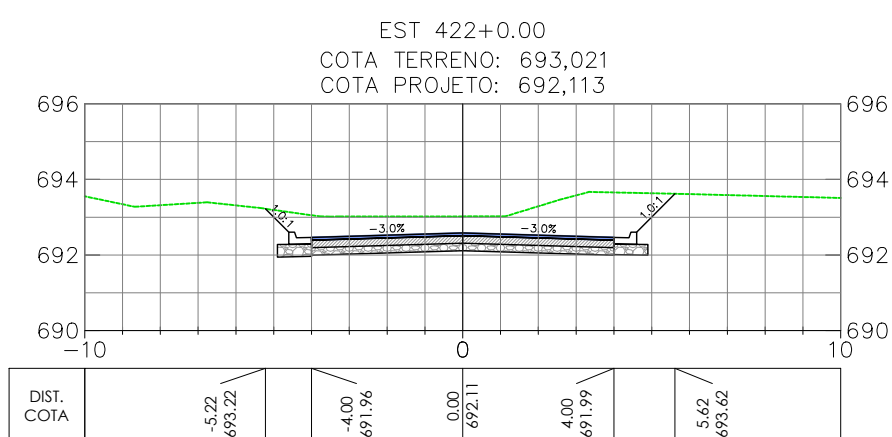
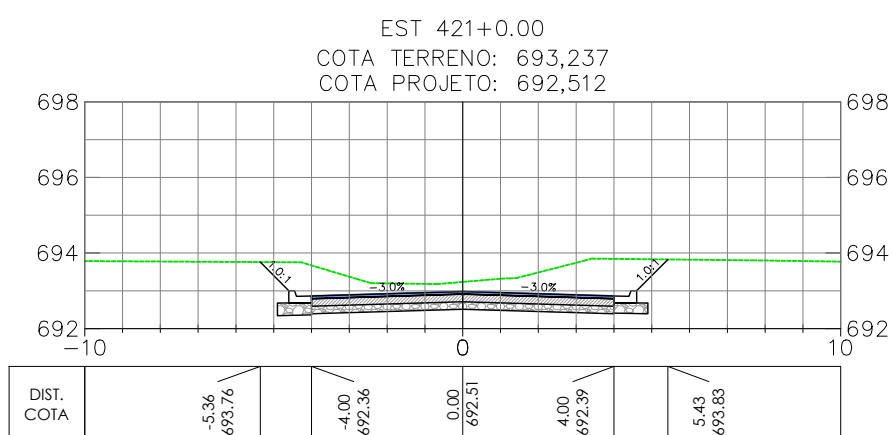
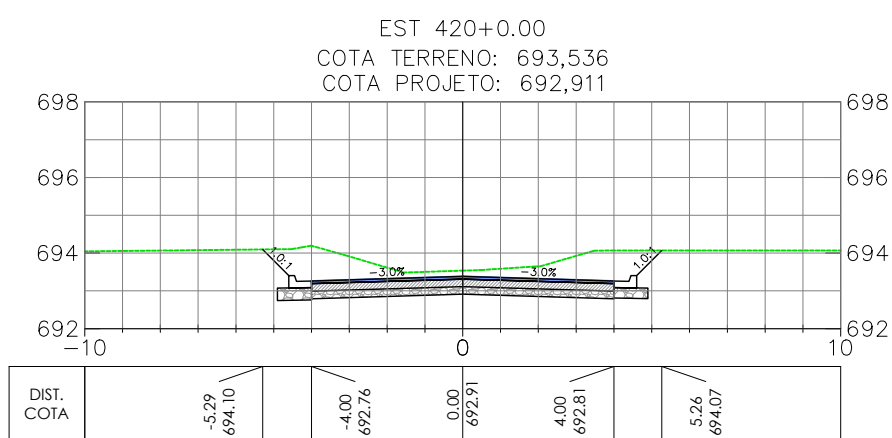
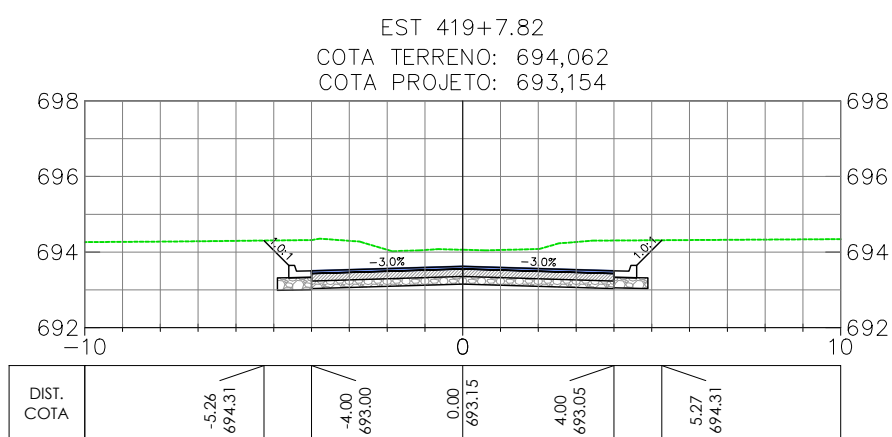
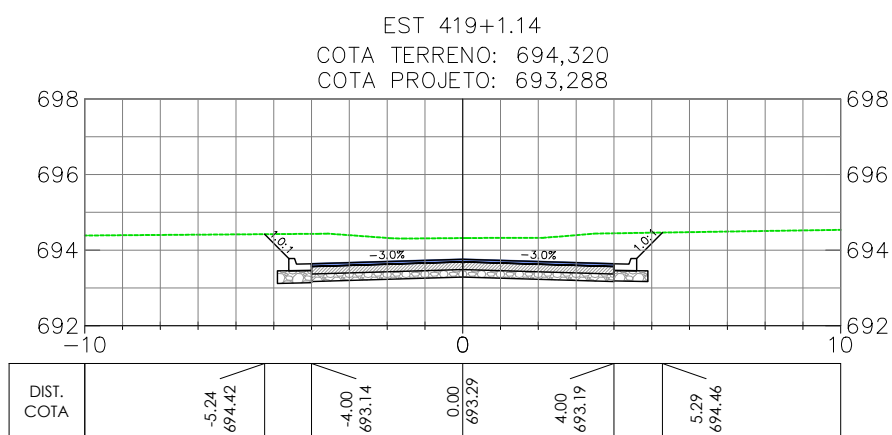
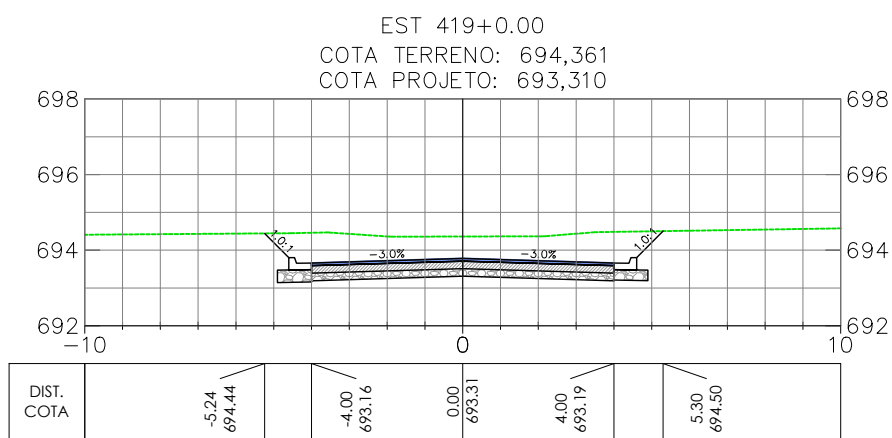
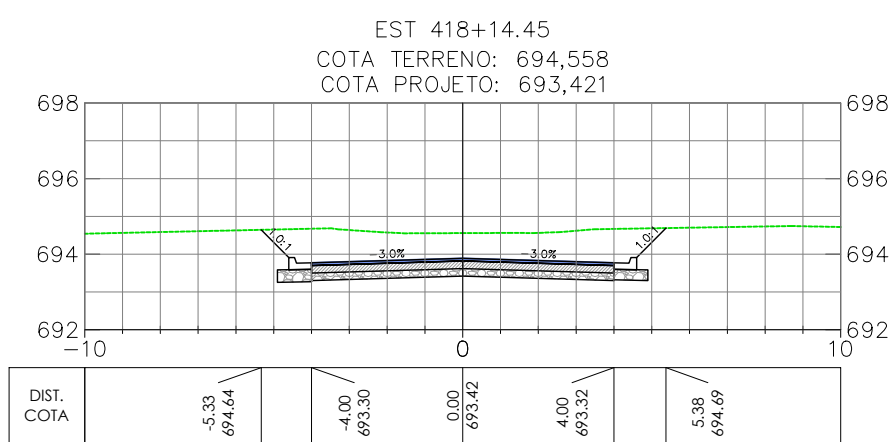
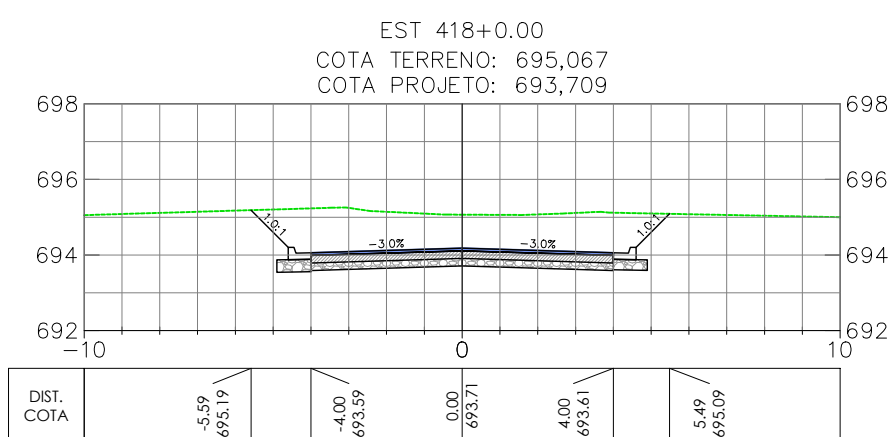
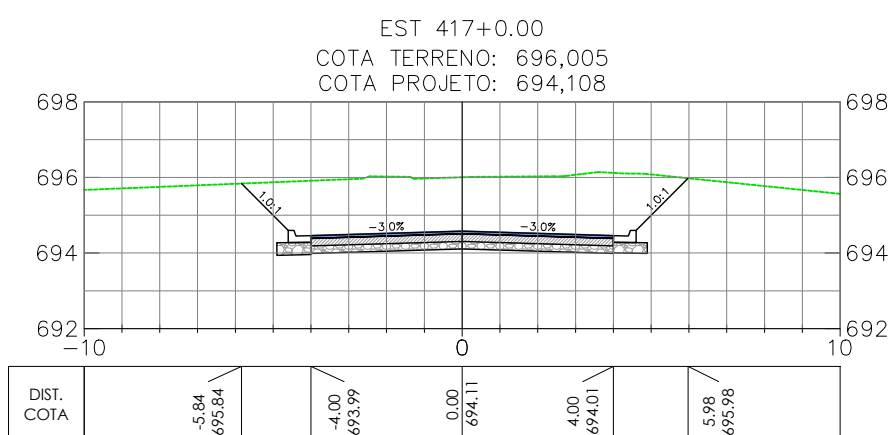
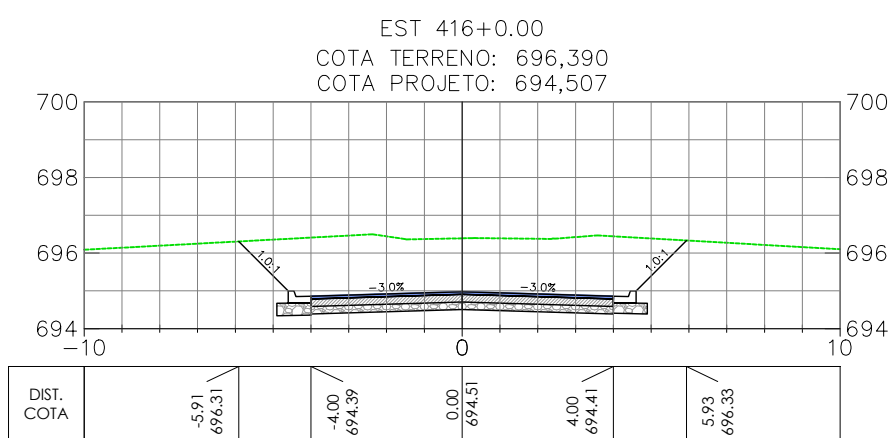
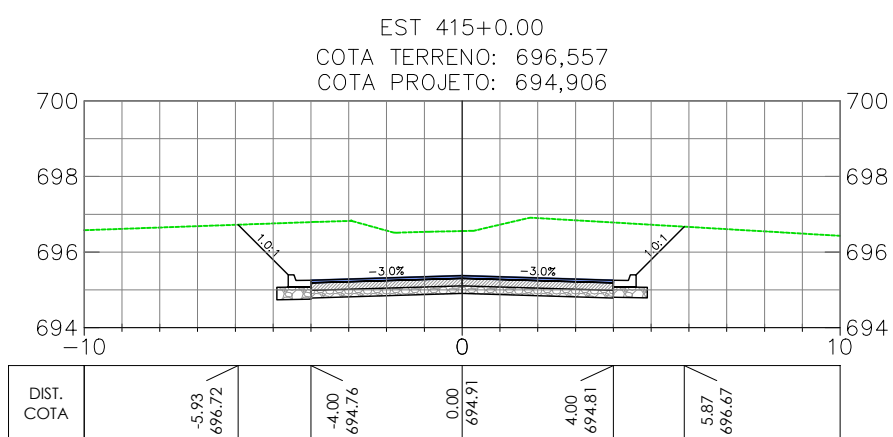
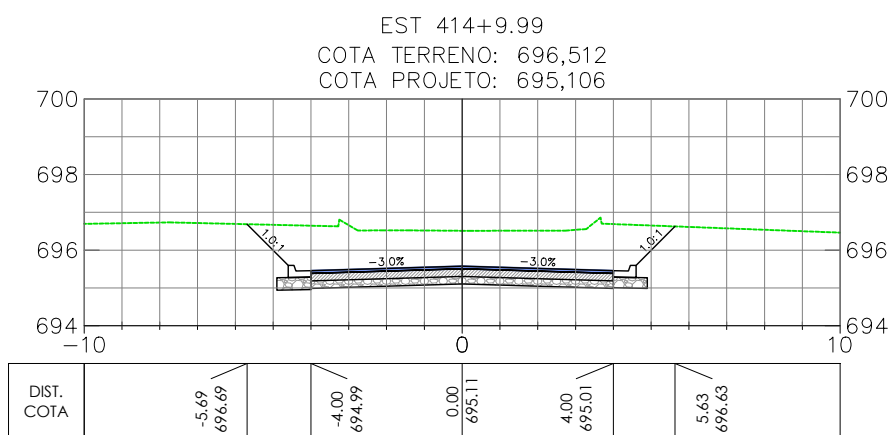
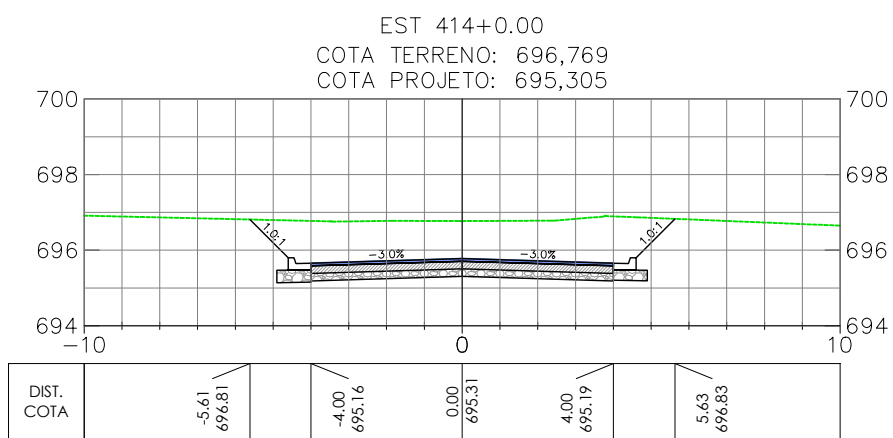
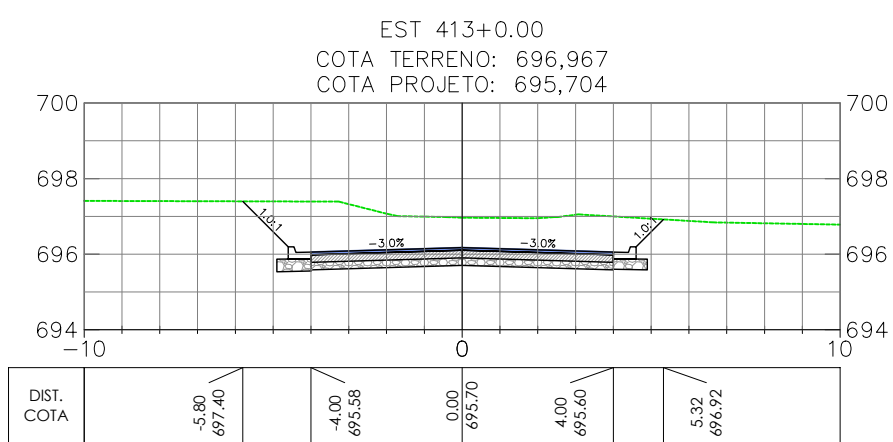
DIREITOS AUTORAIS RESERVADOS: PROIBIDO REPRODUÇÃO, DIVULGAÇÃO OU ALTERAÇÃO SEM ORDEM EXPRESSA DO AUTOR.

TÍTULO DOS DESENHOS:  
PRJ-EXE-TER-PRD-ARQ-0181-REV02

FORMATO - A3  
841x594mm



Anel Rodoviário



OBSERVAÇÕES

- 1 - MEDIDAS, COORDENADAS E ELEVÇÕES EM METRO, EXCETO ONDE INDICADO  
2 - PODERÃO OCORRER AJUSTES EM CAMPO QUANDO A EXECUÇÃO DA OBRA POR DETERMINAÇÃO DA PREFEITURA.

LEGENDA

EIXO PROJETADO  
TERRENO NATURAL

REVISÃO	DESCRIÇÃO	TIPO	ELABORADO	VERIFICADO	DATA
00	EMIÇÃO INICIAL	EXE	GMT	LGR	15/09/2021
01	REVISÃO	EXE	CLP	LGR	04/02/2022
02	REVISÃO	EXE	IFT	LGR	09/08/2022

TIPOS DE EMISSÃO	ATP - ANTEPROJETO BSC - BÁSICO EXE - EXECUTIVO	APV - APROVADO PCT - P/ CONSTRUÇÃO ASB - "AS BUILT"	CNC - CANCELADO
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**OBJETIVA** OBJETIVA PROJETOS E SERVIÇOS  
ALAMEDA OSCAR NIEMAYER, Nº500, SALA 505 - VALE DO SERENO  
NOVA LIMA-MO - CEP: 34.006-056  
TEL.: (31) 3347-4405 / (31) 3347-7079 / (31) 3571-1920  
EMAIL: contata@grupoprojetosengenharia.com.br

**PREFEITURA MUNICIPAL DE BOM DESPACHO**  
PRAÇA RIMA ALBUQUERQUE, Nº45 - CENTRO  
BOM DESPACHO-MG - CEP: 35.600-000  
TEL: 0800 265 9797

PROJETO DE INFRAESTRUTURA

ANEL RODOVIÁRIO LIGAÇÃO ENTRE BR-262 E MG-164, BOM DESPACHO-MG

PROJETO DE TERRAPLENAGEM

AUTORIA DO PROJETO:	CONTRATANTE DO PROJETO:
JULIANA GONÇALVES OLIVEIRA CREA MG - 239787/D	RESPONSÁVEL DA CONTRATANTE

DATA: JULHO/2022	ESCALA: 1:200	CÓDIGO: PRJ-TER
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TÍTULO DOS DESENHOS:  
SEÇÕES TRANSVERSAIS - ANEL RODOVIÁRIO (EST. 413+0.00 A EST. 430+0.00)  
SEÇÃO TIPO

DIREITOS AUTORAIS RESERVADOS: PROIBIDO REPRODUÇÃO, DIVULGAÇÃO OU ALTERAÇÃO SEM CREDAS EXPRESSA DO AUTOR.

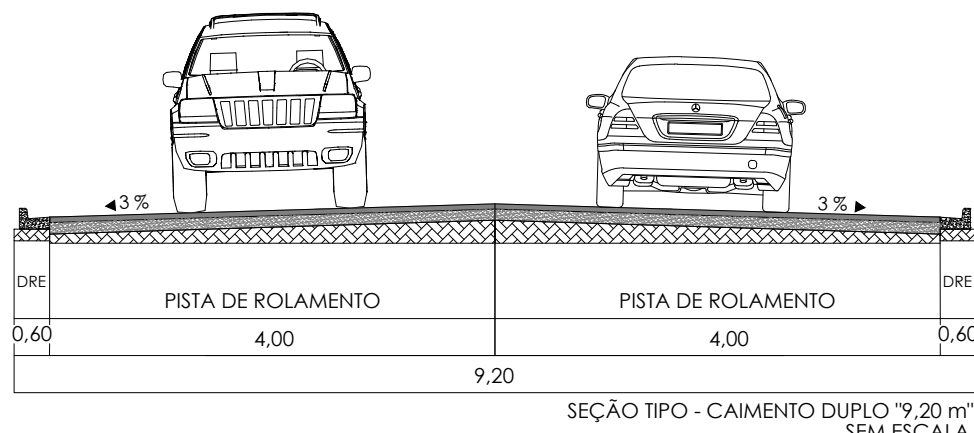
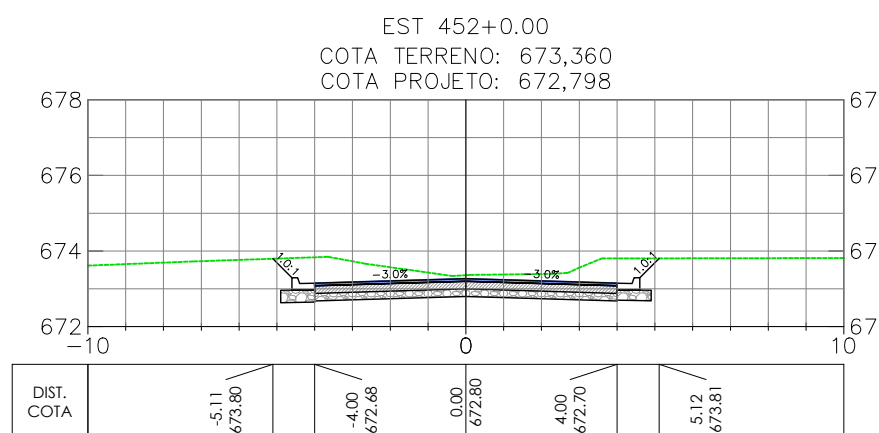
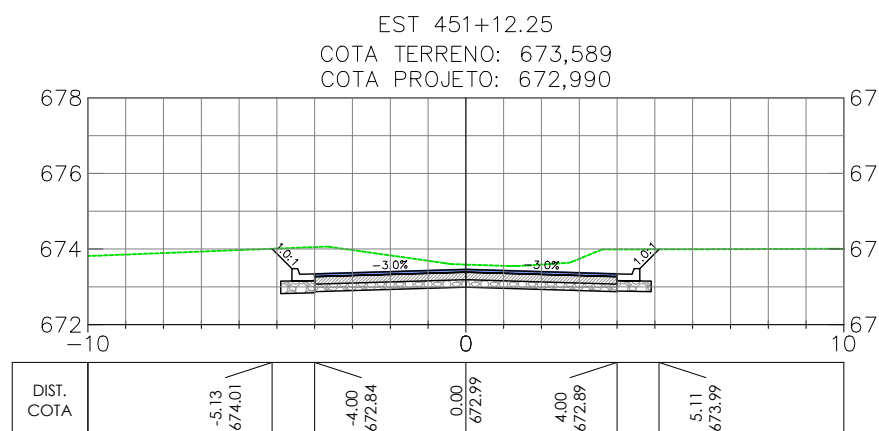
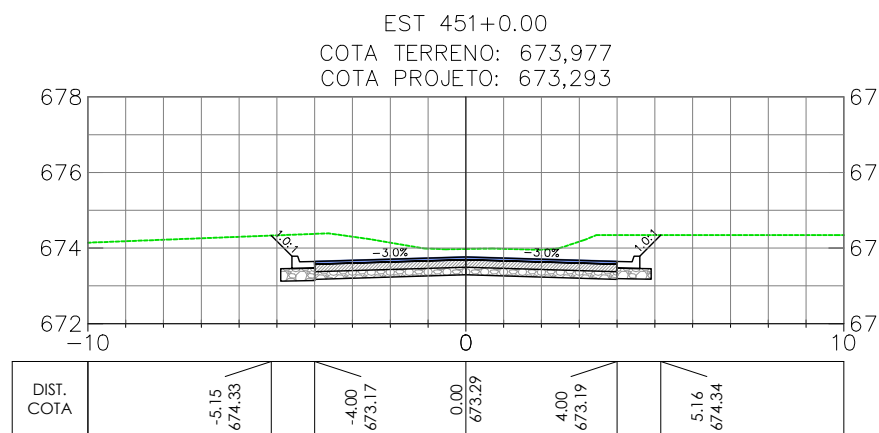
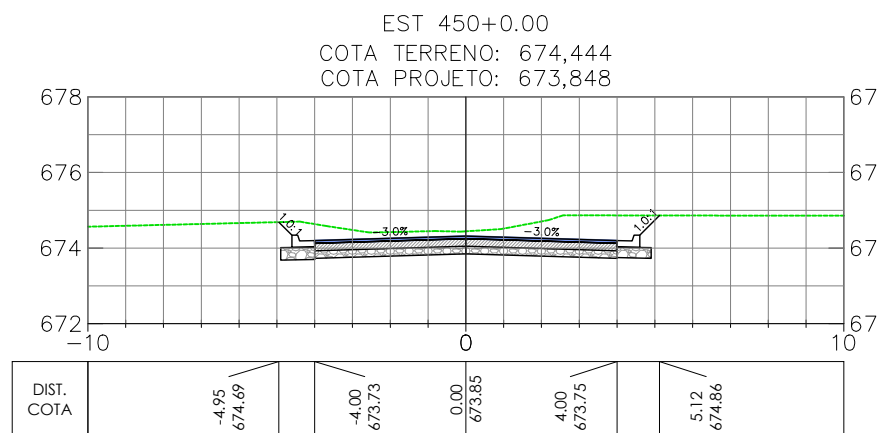
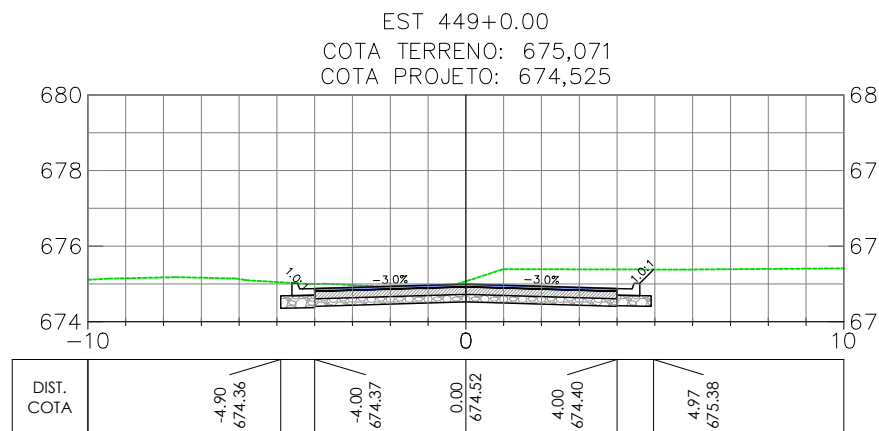
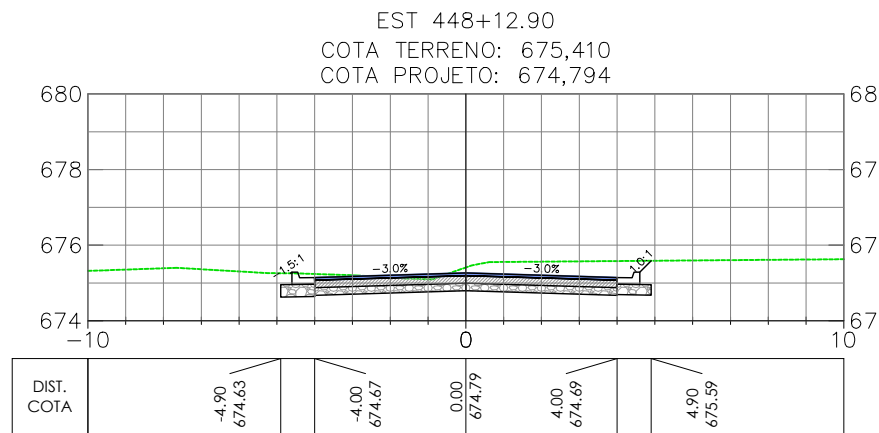
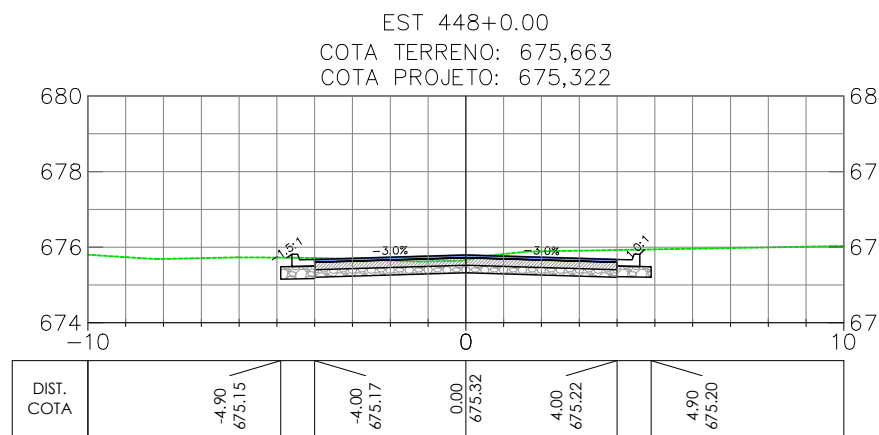
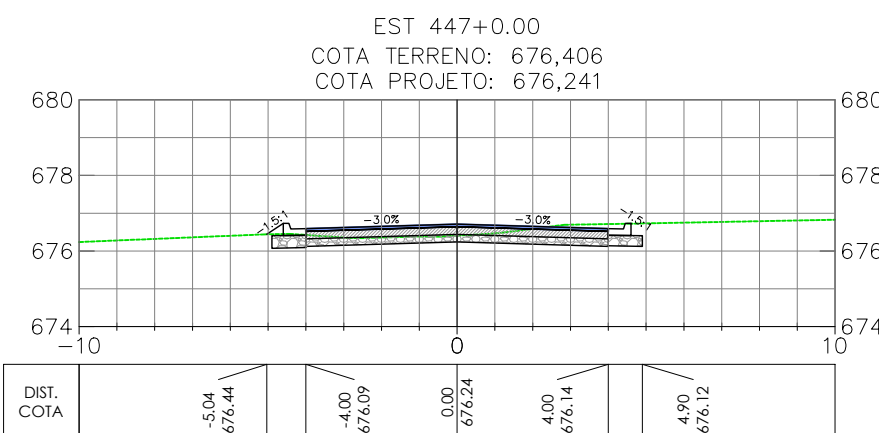
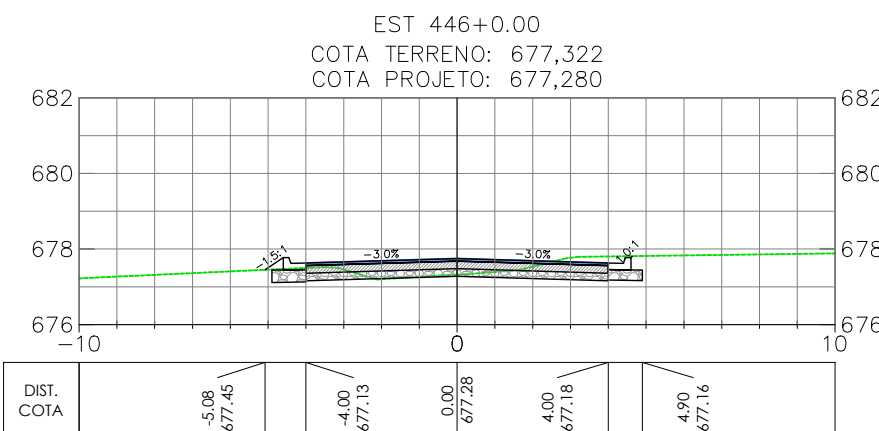
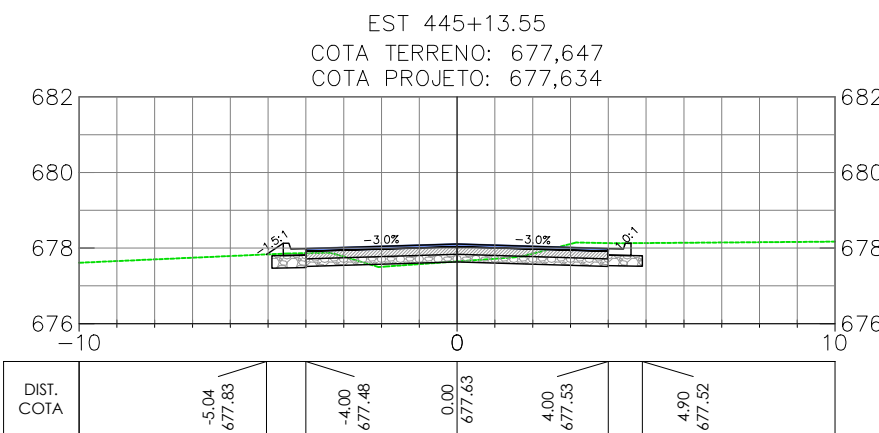
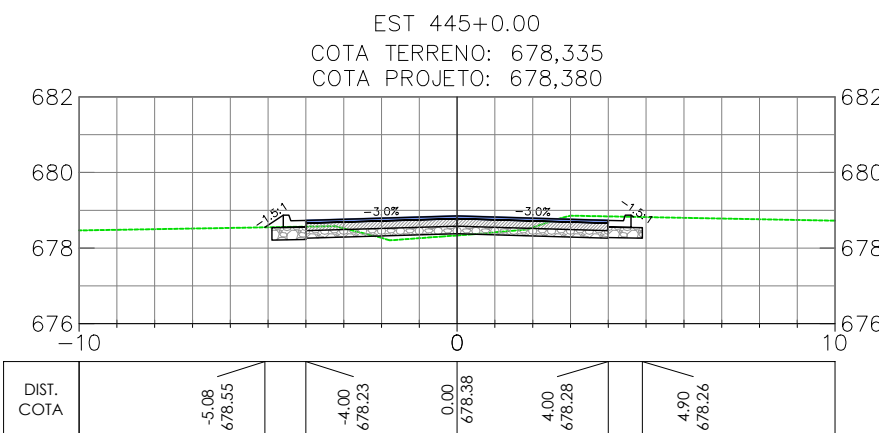
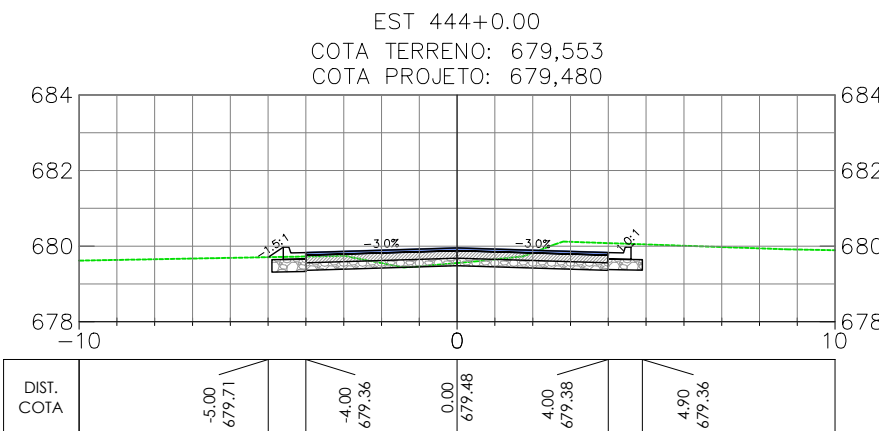
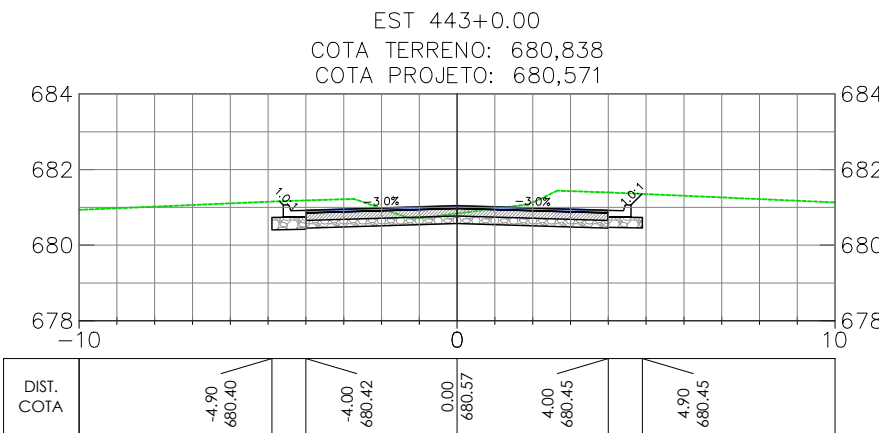
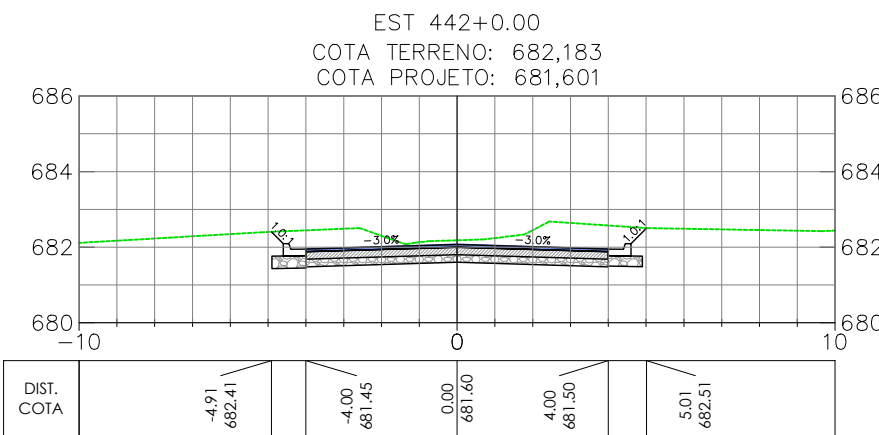
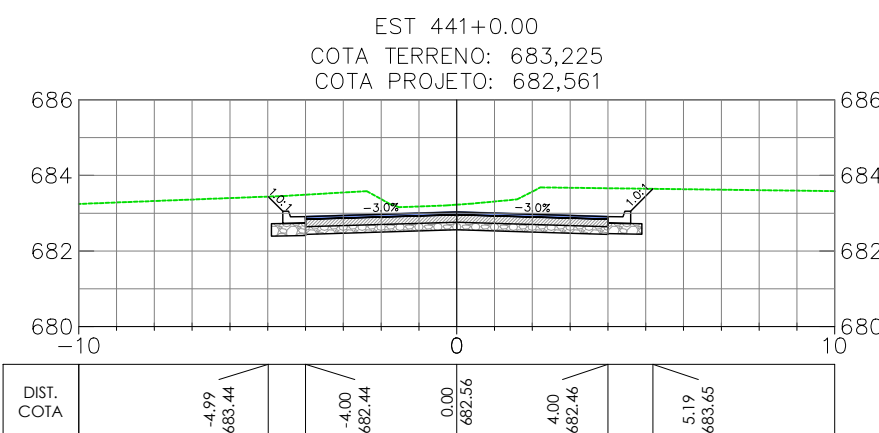
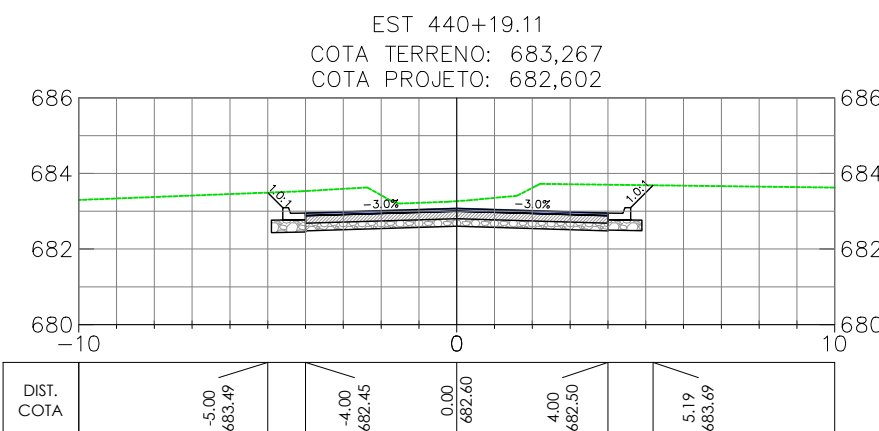
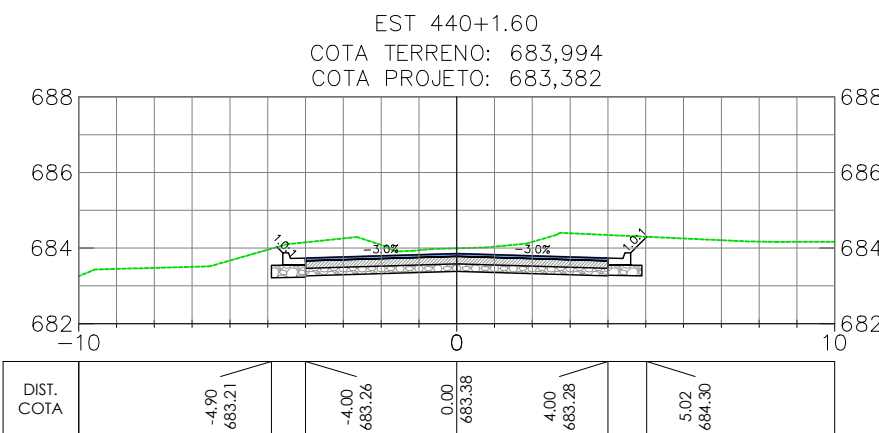
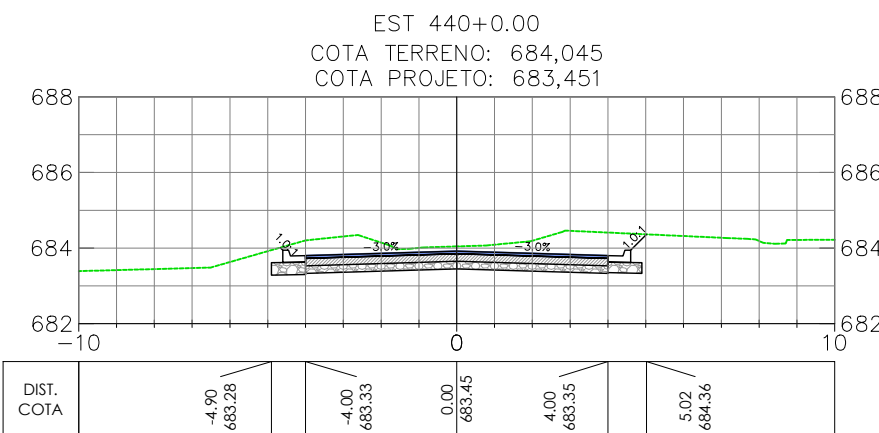
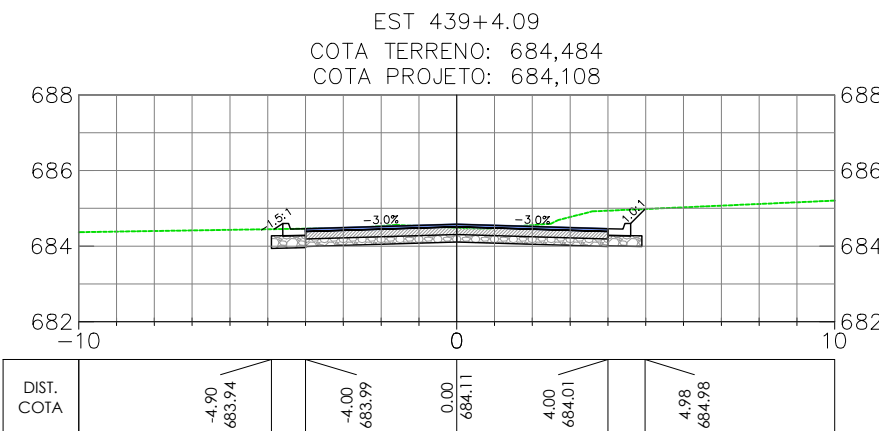
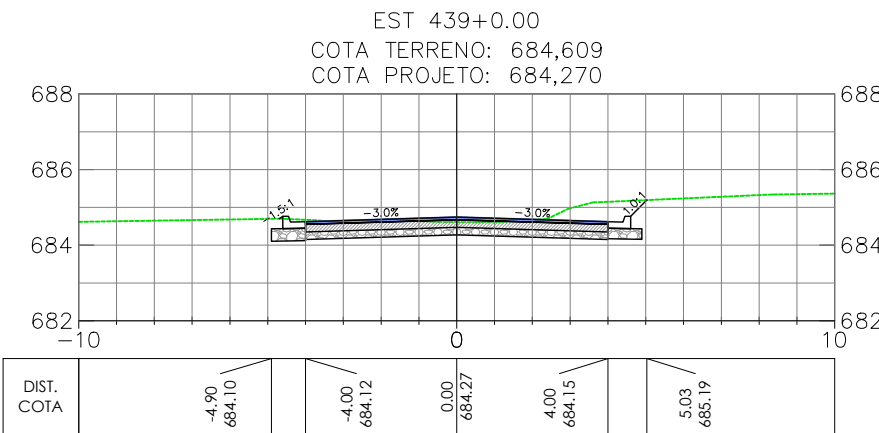
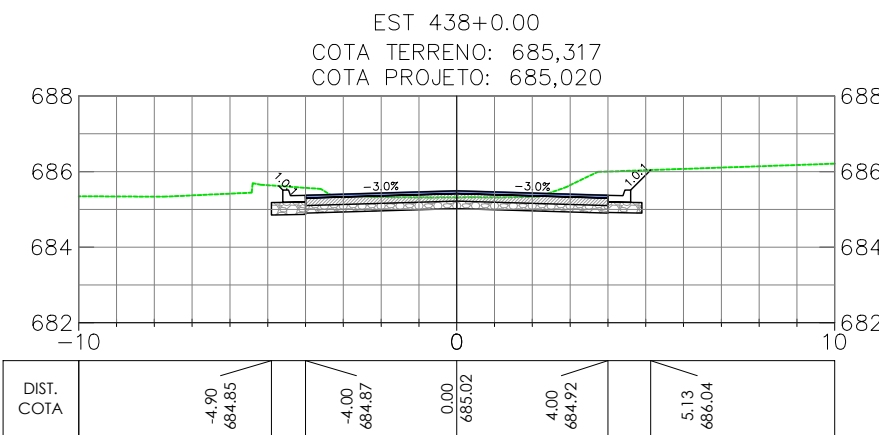
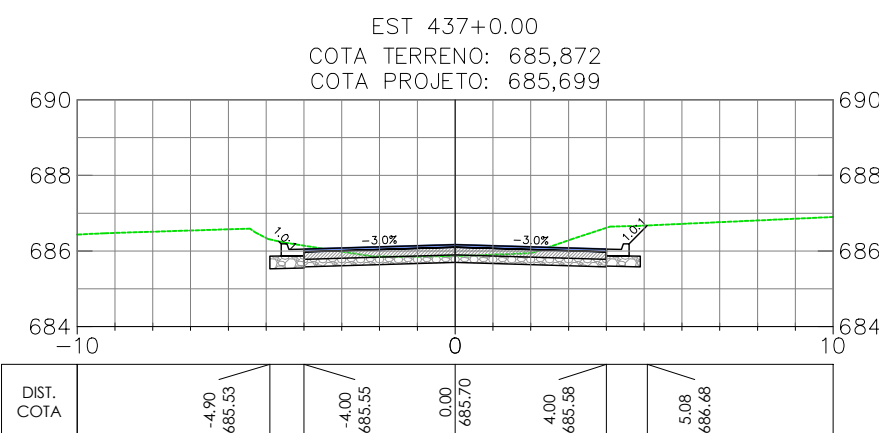
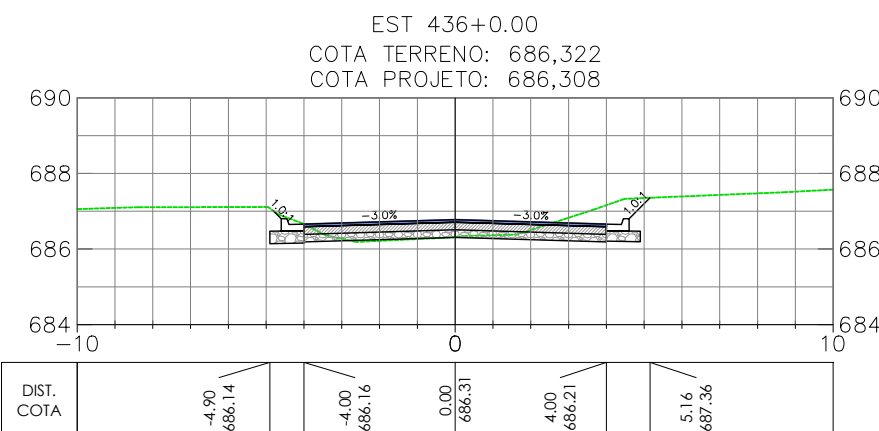
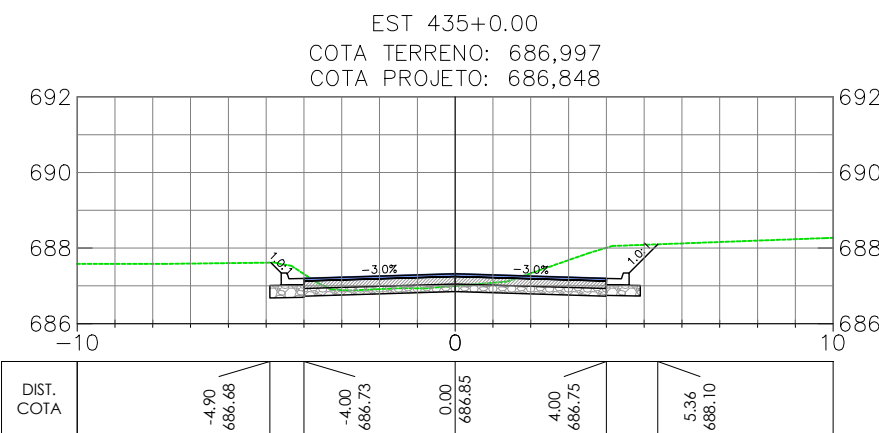
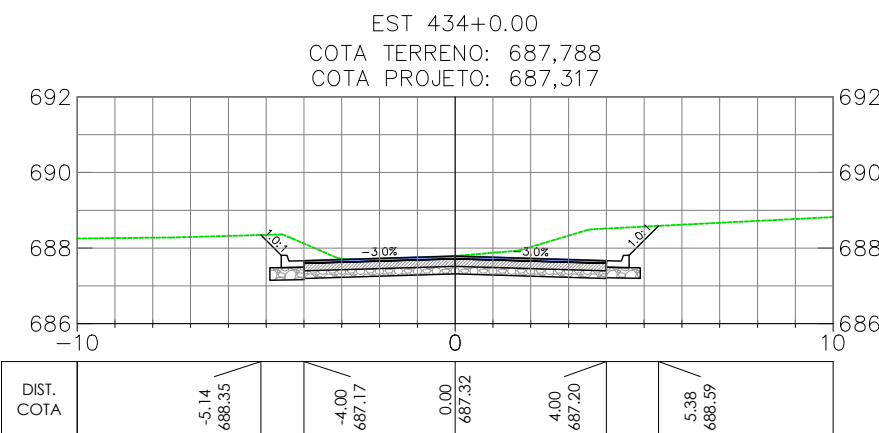
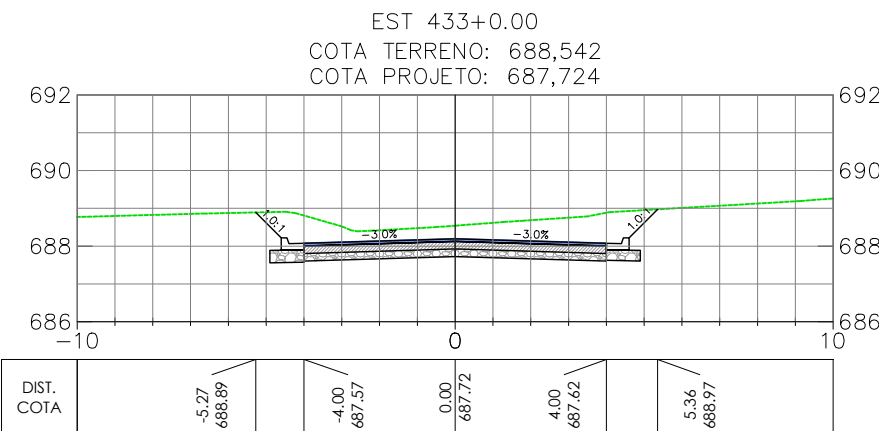
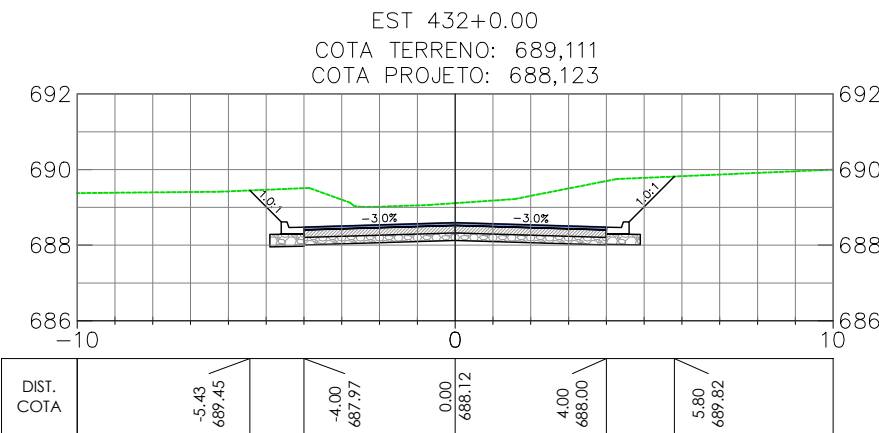
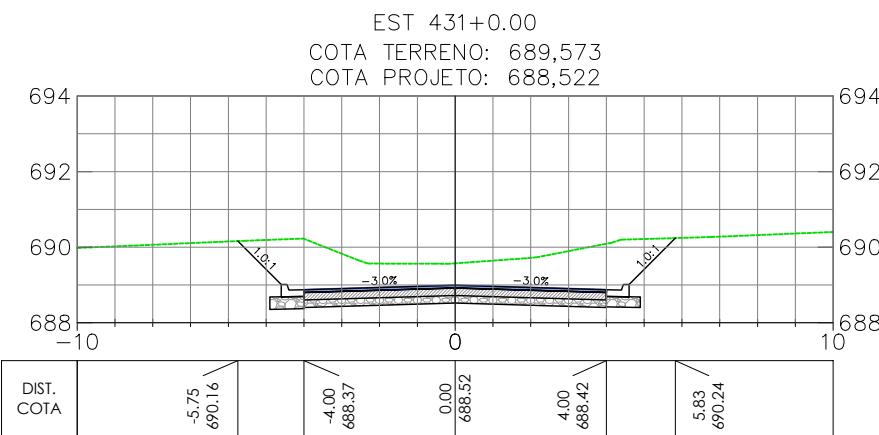
TÍTULO DOS DESENHOS:  
PRJ-EXE-TER-PRD-ARO-0181-REV02

18/39

FORMATO - A1  
841x594mm



Anel Rodoviário



OBSERVAÇÕES

- OBSERVAÇÕES GERAIS:
- 1 – MEDIDAS, COORDENADAS E ELEVÇÕES EM METRO, EXCETO ONDE INDICADO
  - 2 – PODERÃO OCORRER AJUSTES EM CAMPO QUANDO A EXECUÇÃO DA OBRA POR DETERMINAÇÃO DA PREFEITURA.

LEGENDA

- EIXO PROJETADO
- TERRENO NATURAL

REVISÃO	DESCRIÇÃO	TIPO	ELABORADO	VERIFICADO	DATA
00	EMIÇÃO INICIAL	EXE	GMT	LGR	15/09/2021
01	REVISÃO	EXE	CLP	LGR	04/02/2022
02	REVISÃO	EXE	IFT	LGR	09/08/2022

TIPOS DE EMISSÃO	ATP - ANTEPROJETO BSC - BÁSICO EXE - EXECUTIVO	APV - APROVADO PCT - P/ CONSTRUÇÃO ASB - "AS BUILT"	CNC - CANCELADO
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**OBJETIVA**  
PROJETOS E SERVIÇOS

**OBJETIVA PROJETOS E SERVIÇOS**  
ALAMEDA OSCAR NIEMAYER, Nº500, SALA 505 – VALE DO SERENO  
NOVA LIMA-MO – CEP: 34.006-056  
TEL.: (31) 3347-4405 / (31) 3347-7079 / (31) 3571-1920  
EMAIL: contata@grupoprojetosengenharia.com.br

**PREFEITURA MUNICIPAL DE BOM DESPACHO**  
PRAÇA IRMÃ ALBUQUERQUE, Nº45 – CENTRO  
BOM DESPACHO-MG – CEP: 35.600-000  
TEL: 0800 265 9797

PROJETO DE INFRAESTRUTURA

ANEL RODOVIÁRIO LIGAÇÃO ENTRE BR-262 E MG-164, BOM DESPACHO-MG

PROJETO DE TERRAPLENAGEM

AUTORIA DO PROJETO:	CONTRATANTE DO PROJETO:
 JULIANA GONÇALVES OLIVEIRA CREA MG – 239787/D	RESPONSÁVEL DA CONTRATANTE

DATA: JULHO/2022	ESCALA: 1:200	CÓDIGO: PRJ-TER
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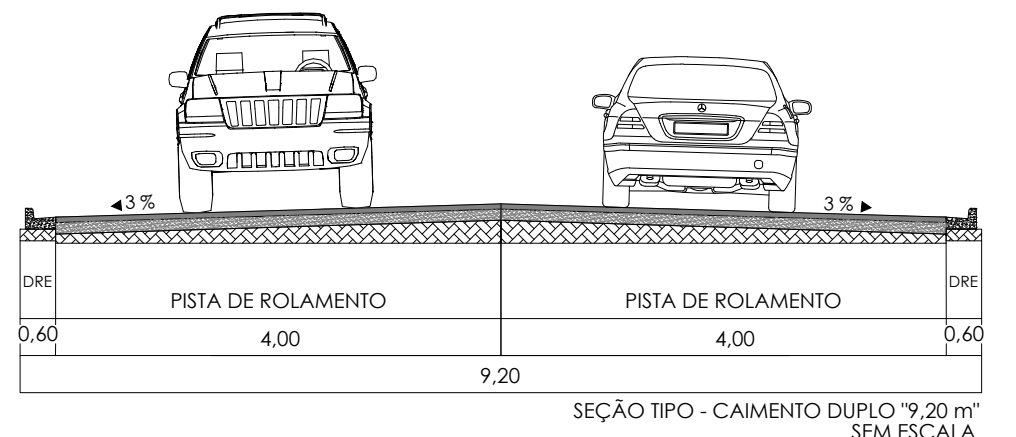
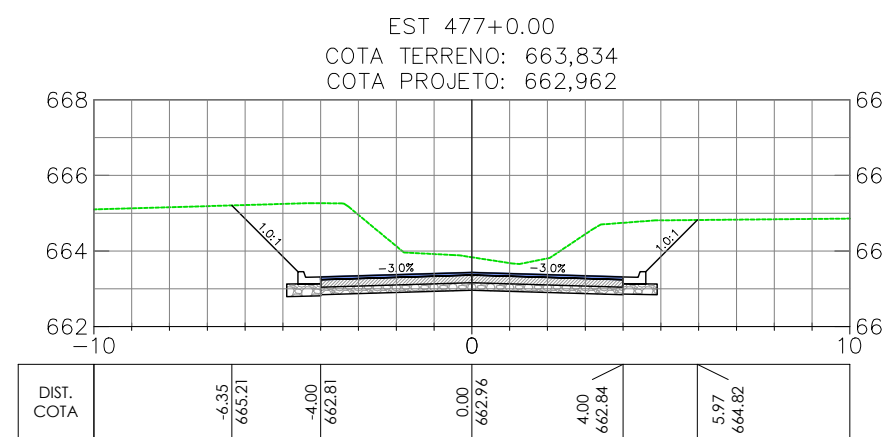
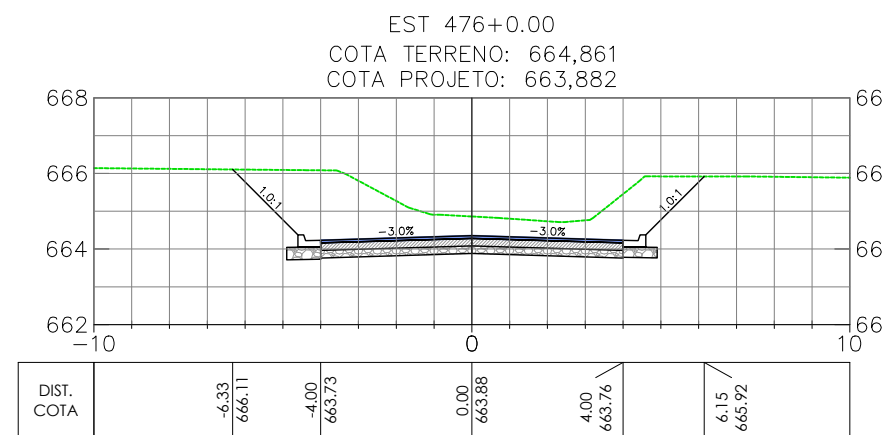
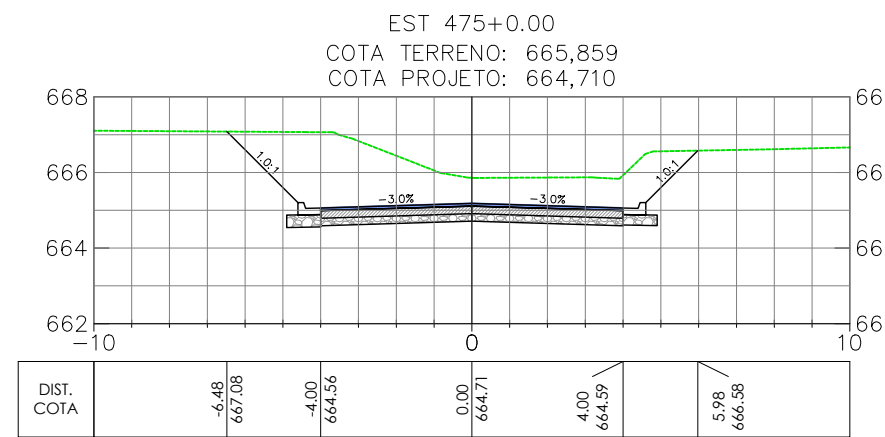
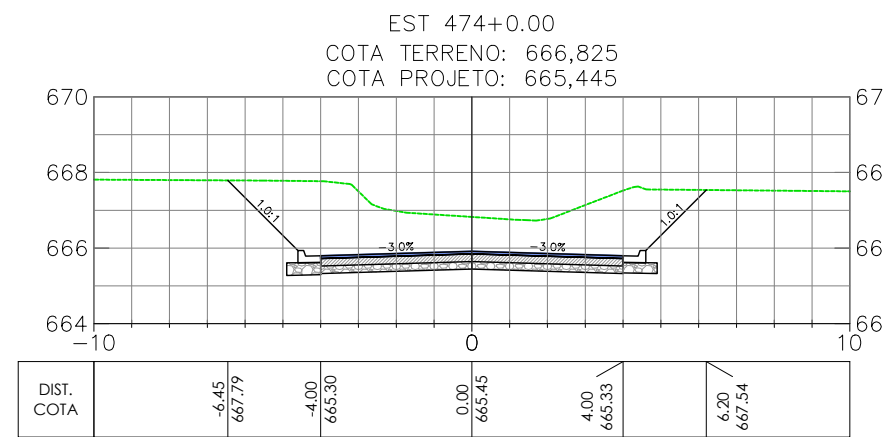
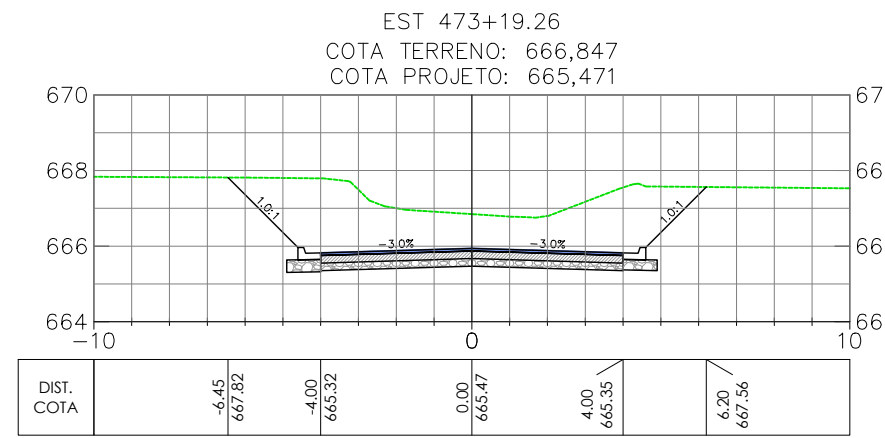
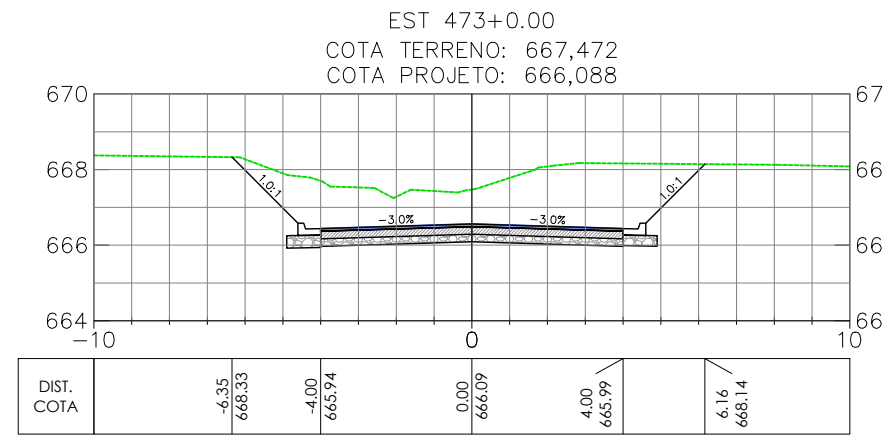
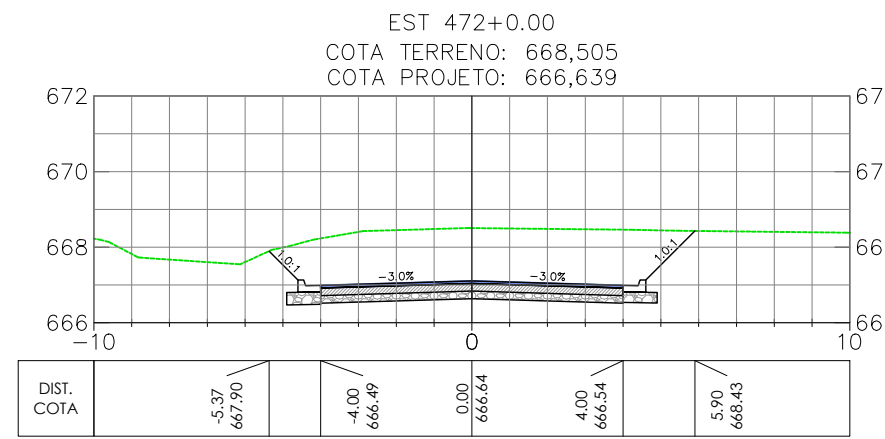
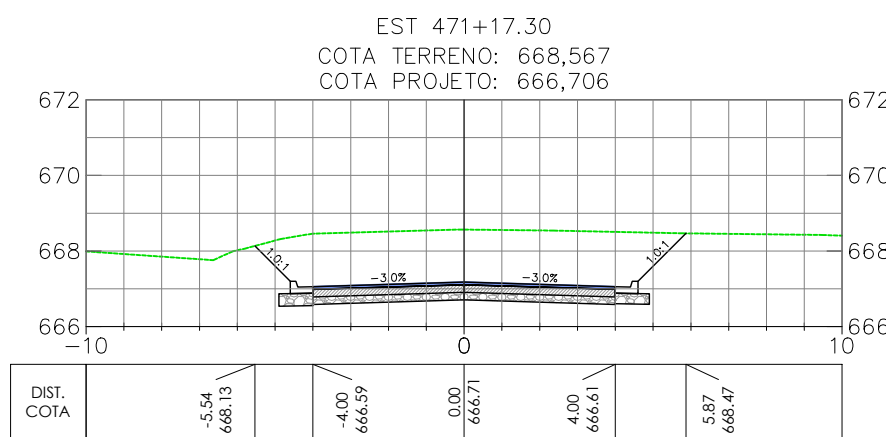
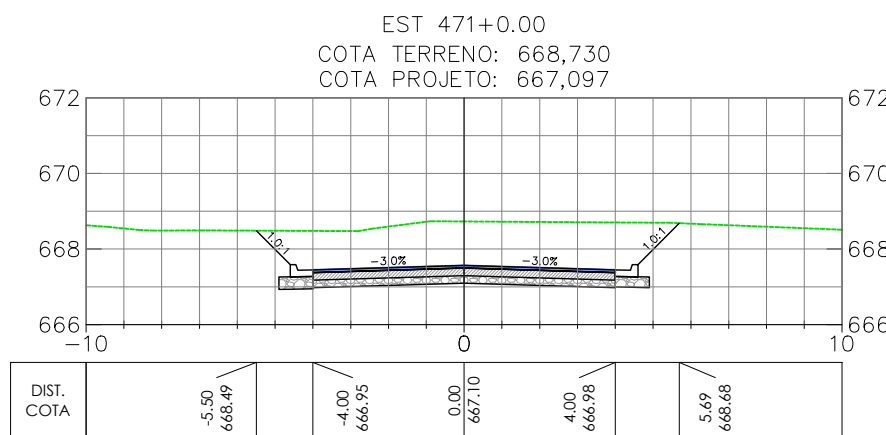
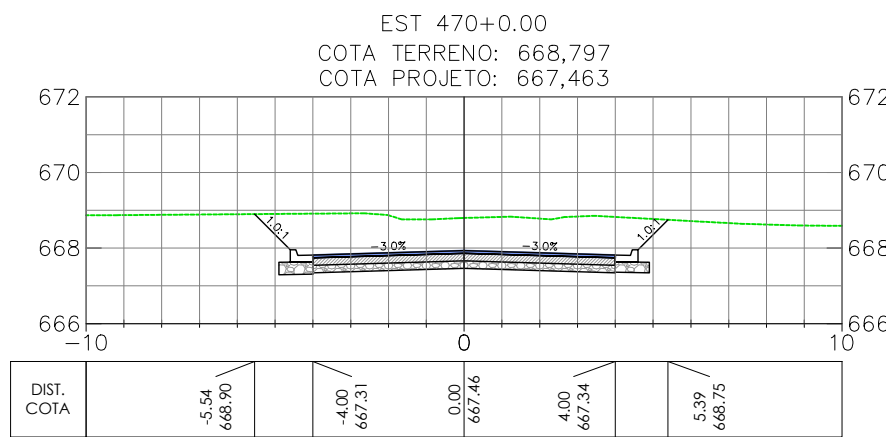
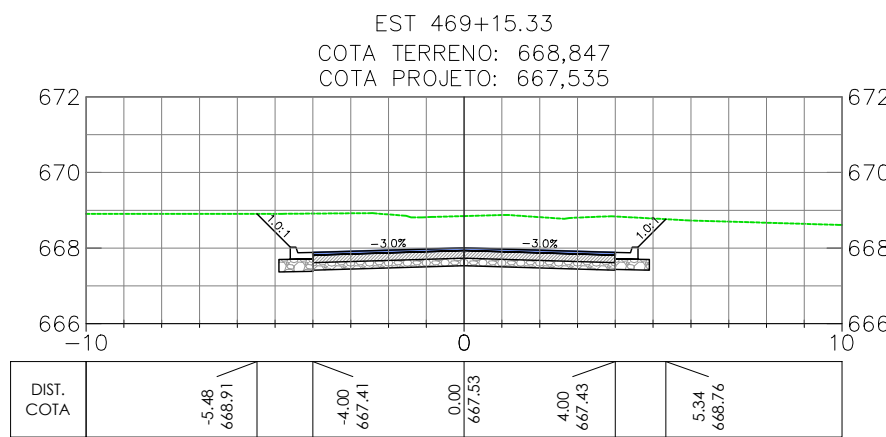
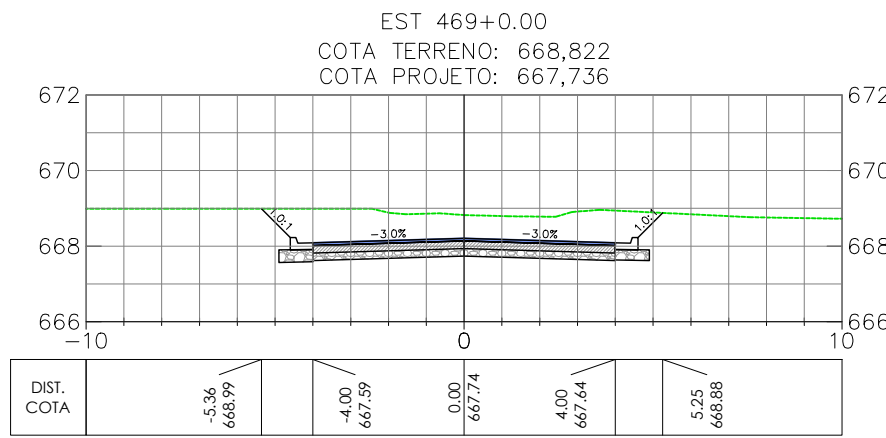
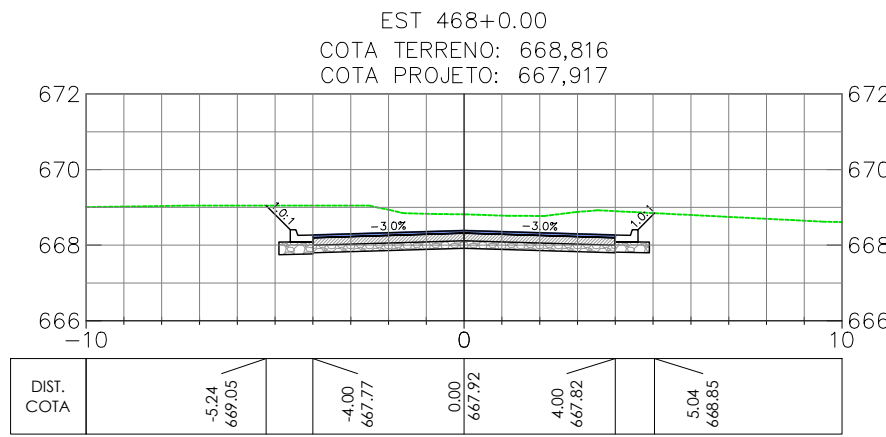
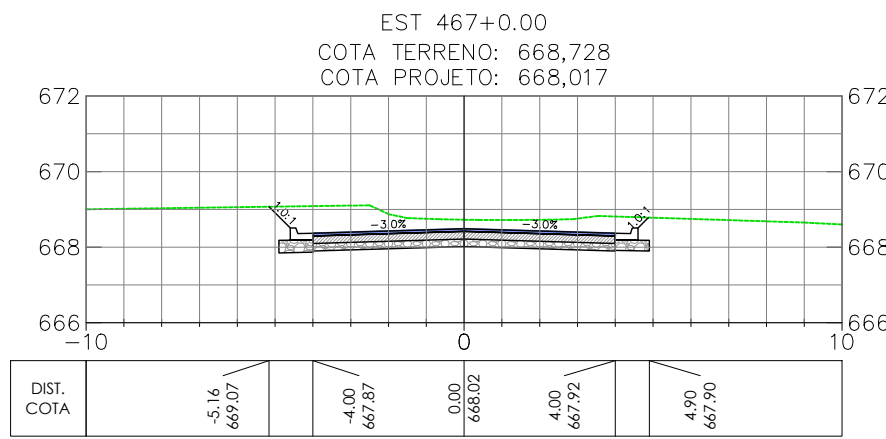
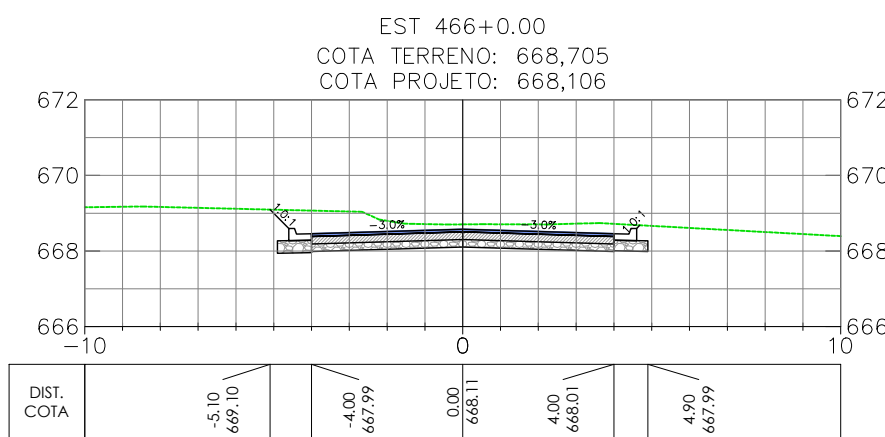
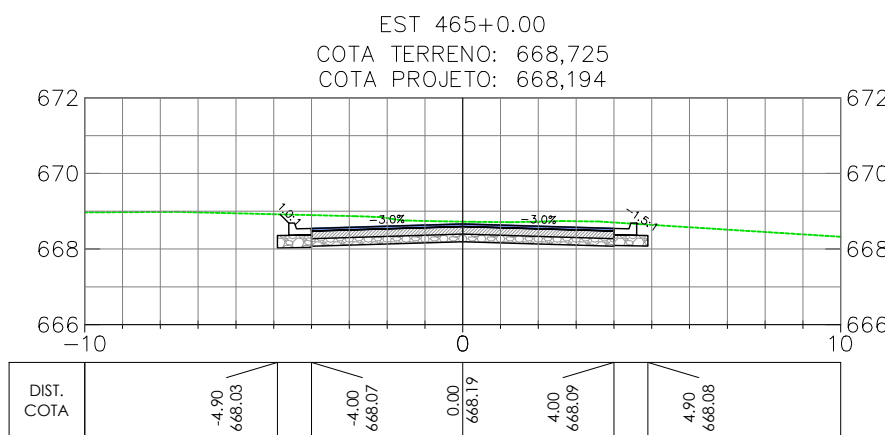
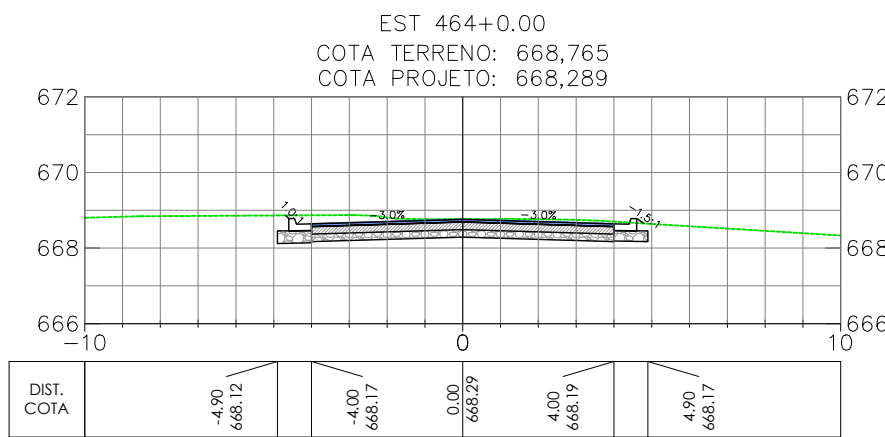
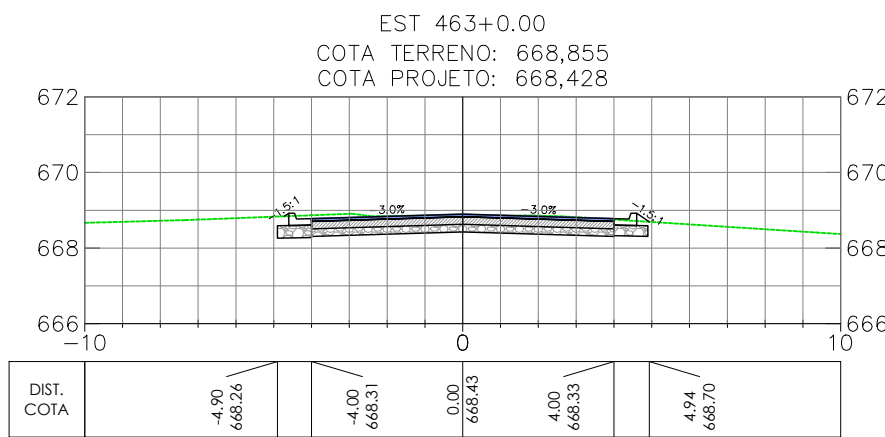
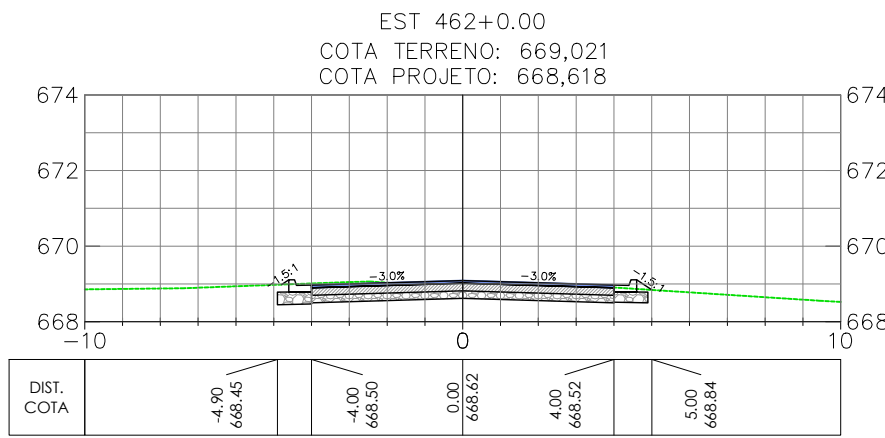
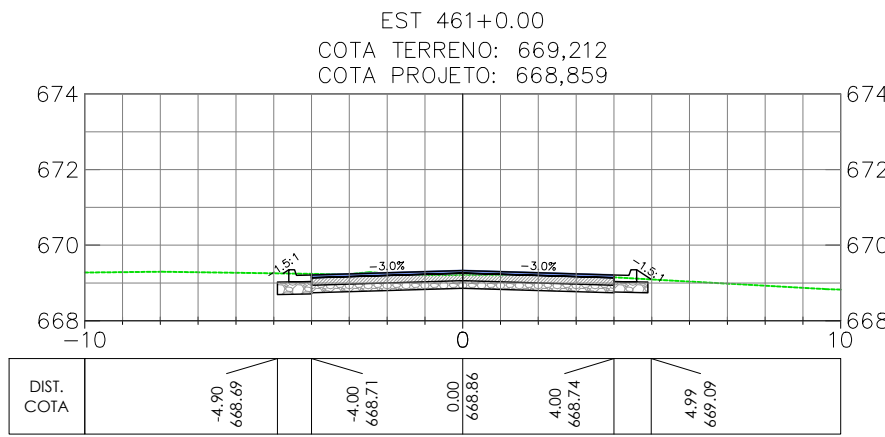
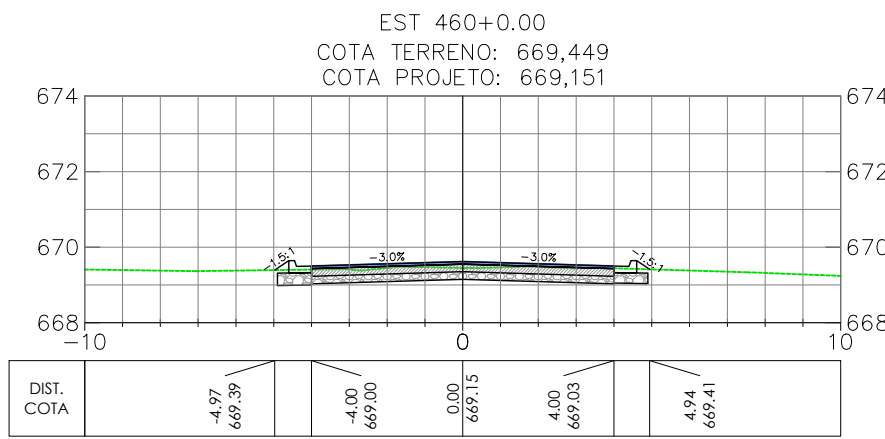
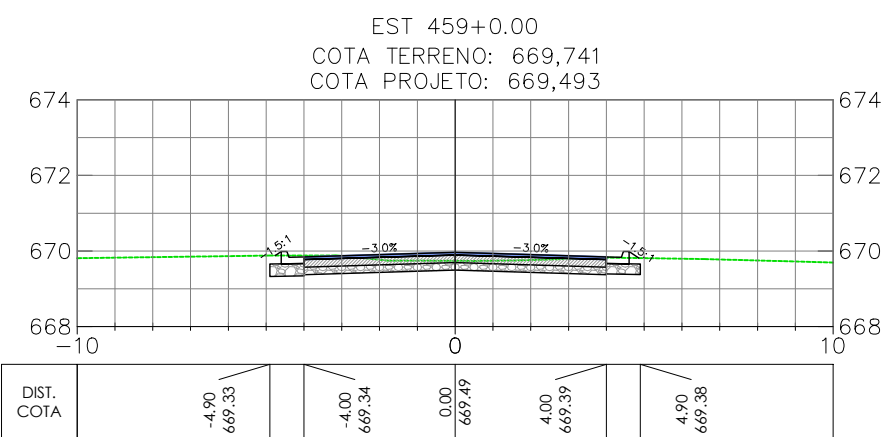
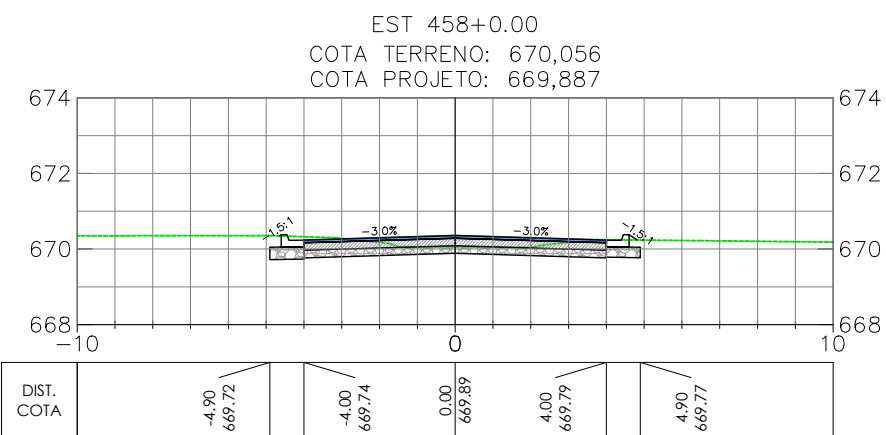
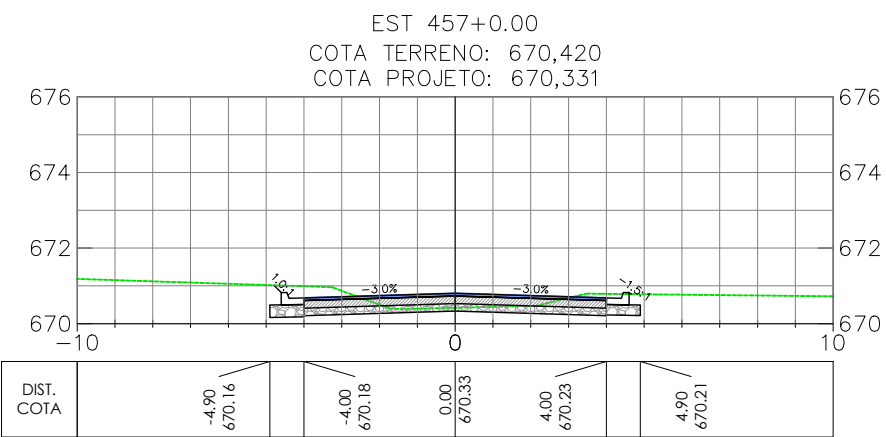
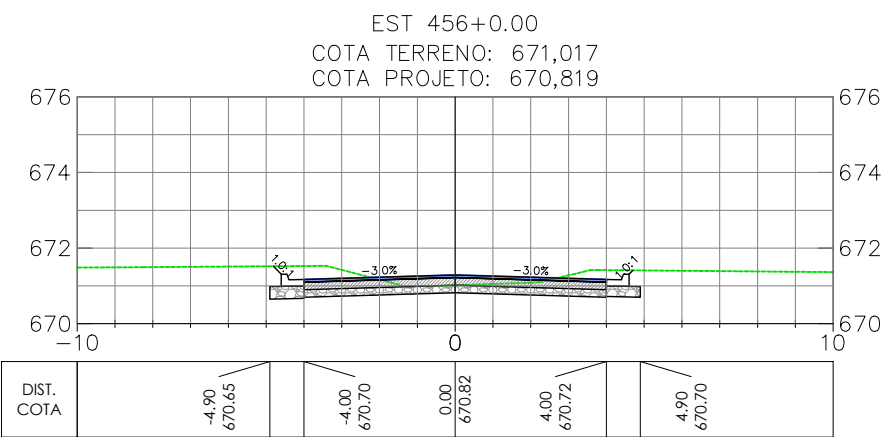
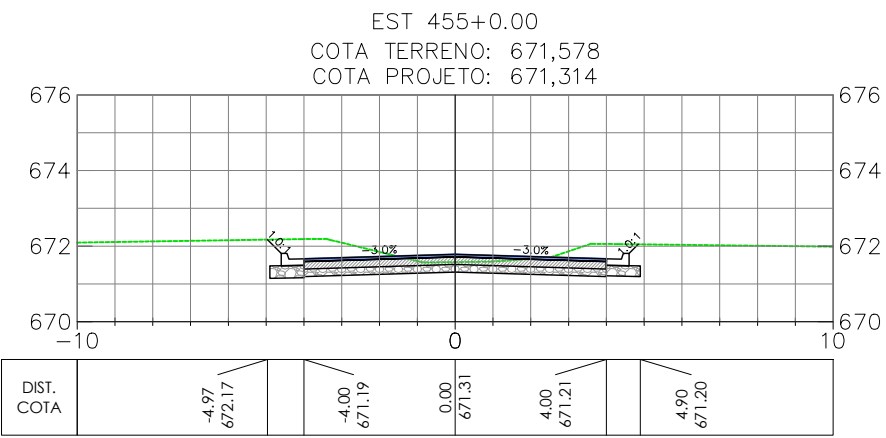
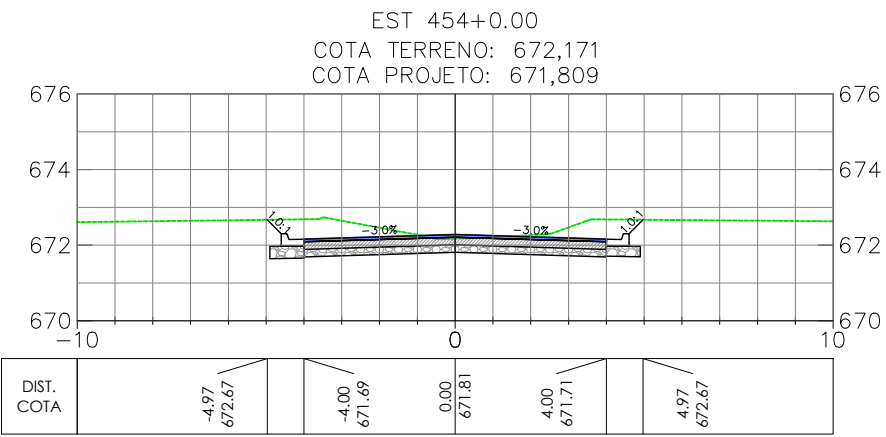
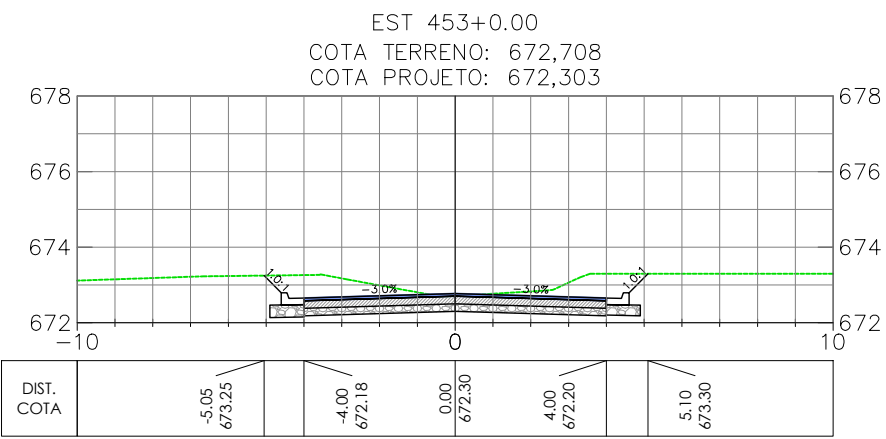
TÍTULO DOS DESENHOS: SEÇÕES TRANSVERSAIS - ANEL RODOVIÁRIO (EST. 431+0.00 A EST. 452+0.00) SEÇÃO TIPO	PRINCHIA: 19/39
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DIREITOS AUTORAIS RESERVADOS: PROIBIDO REPRODUÇÃO, DIVULGAÇÃO OU ALTERAÇÃO SEM ORDEM EXPRESSA DO AUTOR.

TÍTULO DOS DESENHOS:  
PRJ-EXE-TER-PRD-ARO-0181-REV02



Anel Rodoviário



OBSERVAÇÕES

- OBSERVAÇÕES GERAIS:  
1 - MEDIDAS, COORDENADAS E ELEVÇÕES EM METRO, EXCETO ONDE INDICADO  
2 - PODERÃO OCORRER AJUSTES EM CAMPO QUANDO A EXECUÇÃO DA OBRA POR DETERMINAÇÃO DA PREFEITURA.

LEGENDA

- EIXO PROJETADO  
- - - TERRENO NATURAL

REVISÃO	DESCRIÇÃO	TIPO	ELABORADO	VERIFICADO	DATA
00	EMIÇÃO INICIAL	EXE	GMT	LGR	15/09/2021
01	REVISÃO	EXE	CLP	LGR	04/02/2022
02	REVISÃO	EXE	IFT	LGR	09/08/2022

TIPOS DE EMISSÃO	ATP - ANTEPROJETO BSC - BÁSICO EXE - EXECUTIVO	APV - APROVADO PCT - P/ CONSTRUÇÃO ASB - "AS BUILT"	CNC - CANCELADO
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**OBJETIVA** OBJETIVA PROJETOS E SERVIÇOS  
ALAMEDA OSCAR NIEMAYER, Nº500, SALA 505 - VALE DO SERENO  
NOVA LIMA-MO - CEP: 34.006-056  
TEL.: (31) 3347-4405 / (31) 3347-7079 / (31) 3571-1920  
EMAIL: contata@grupoprojetosengenharia.com.br



PREFEITURA MUNICIPAL DE BOM DESPACHO

PRÇA RMA ALBUQUERQUE, Nº45 - CENTRO  
BOM DESPACHO-MG - CEP: 35.600-000  
TEL: 0800 285 3737

PROJETO DE INFRAESTRUTURA

ANEL RODVIÁRIO LIGAÇÃO ENTRE BR-262 E MG-164, BOM DESPACHO-MG

PROJETO DE TERRAPLENAGEM

AUTORIA DO PROJETO:	CONTRATANTE DO PROJETO:
JULIANA GONÇALVES OLIVEIRA CREA MG - 239787/D	RESPONSÁVEL DA CONTRATANTE

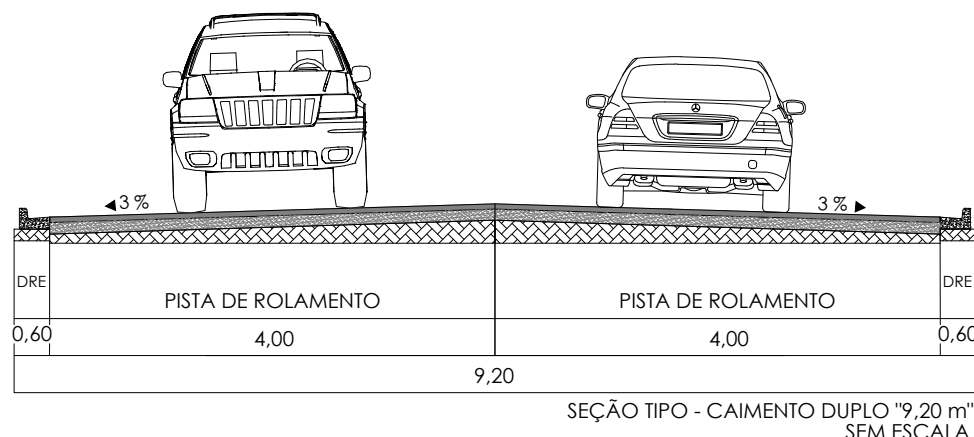
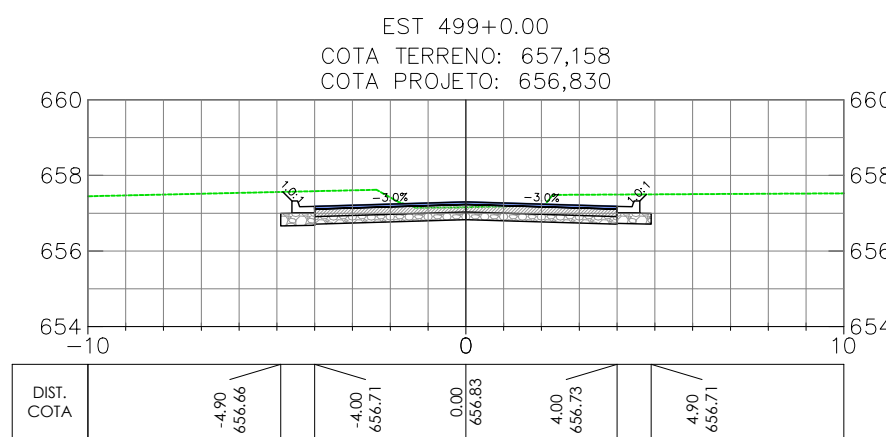
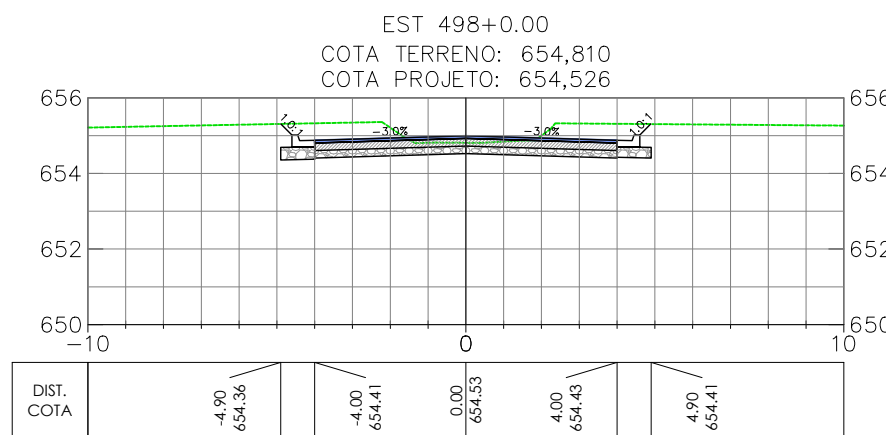
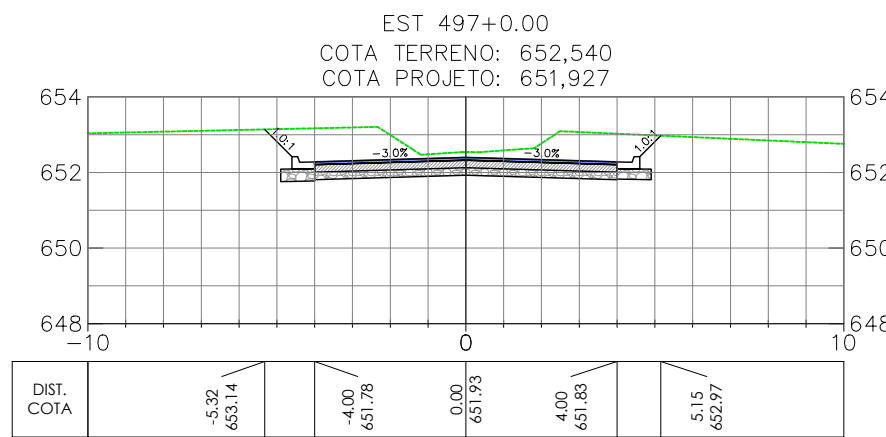
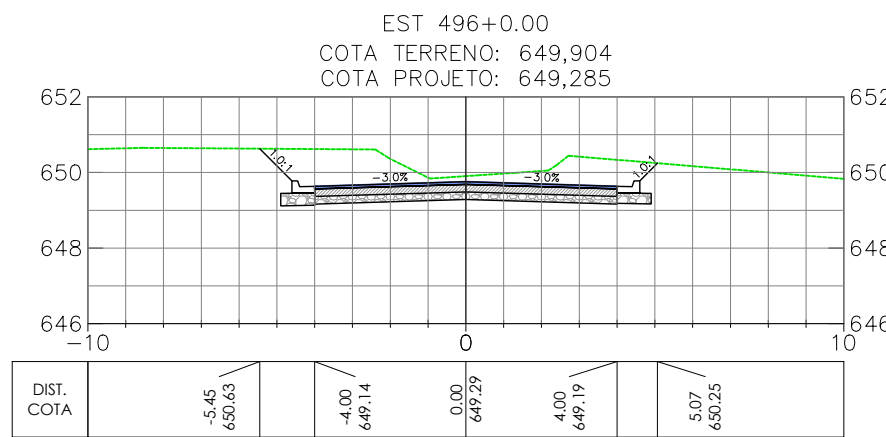
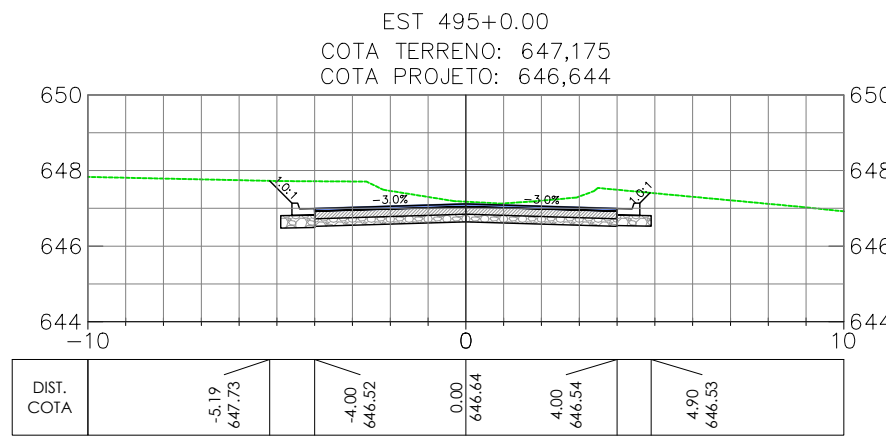
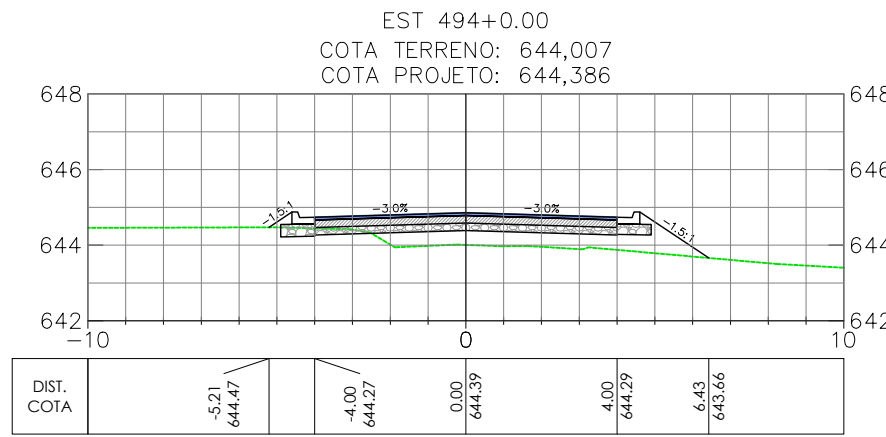
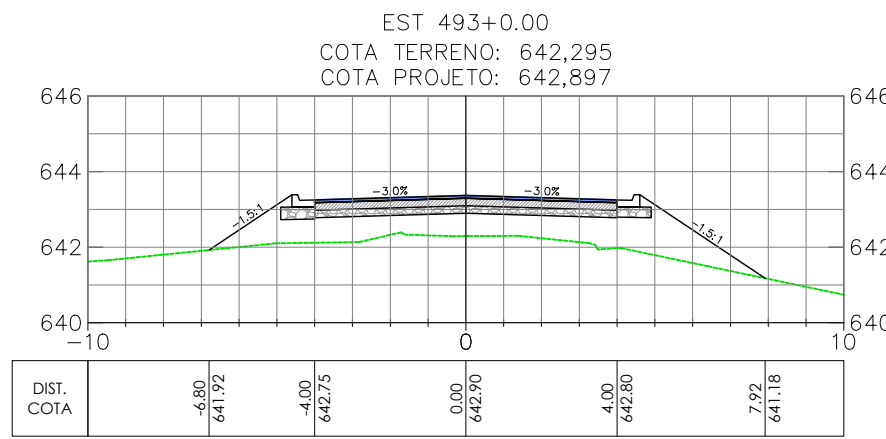
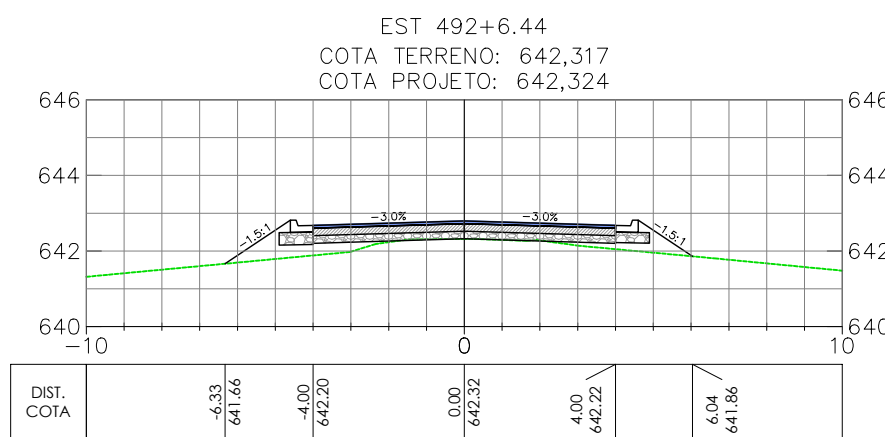
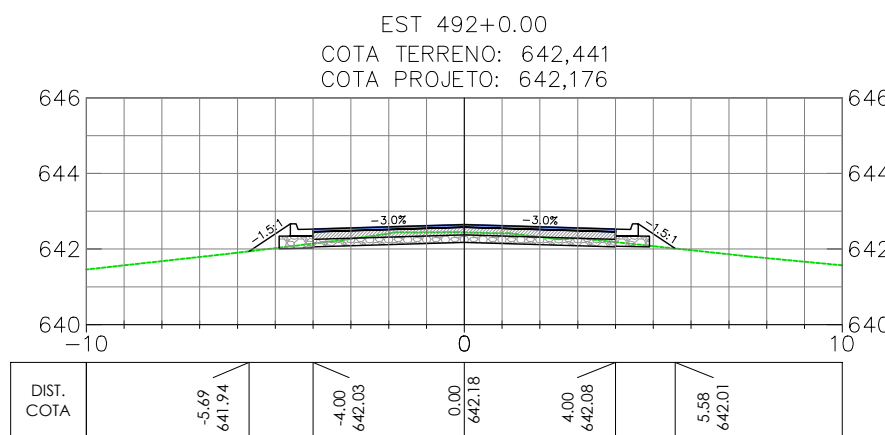
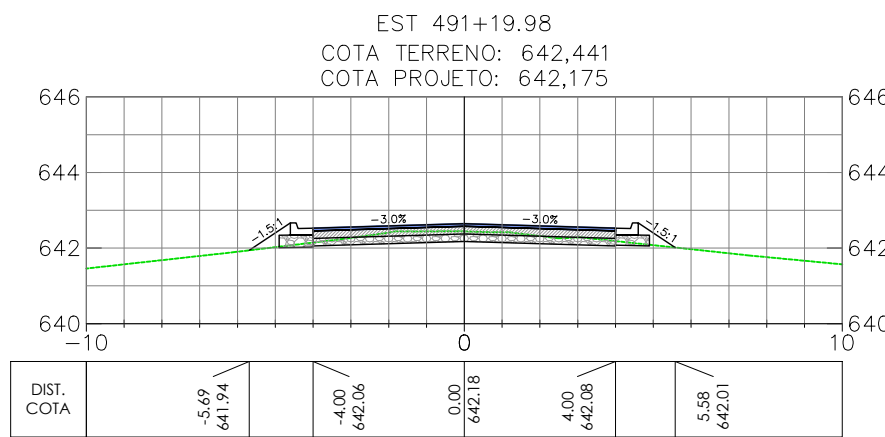
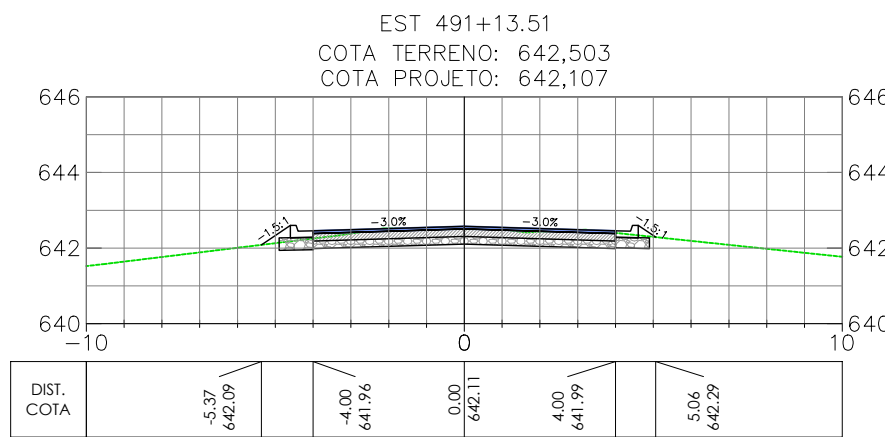
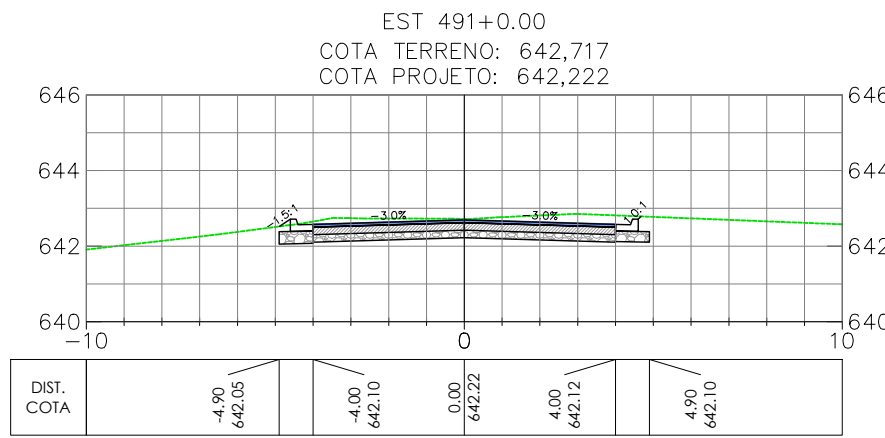
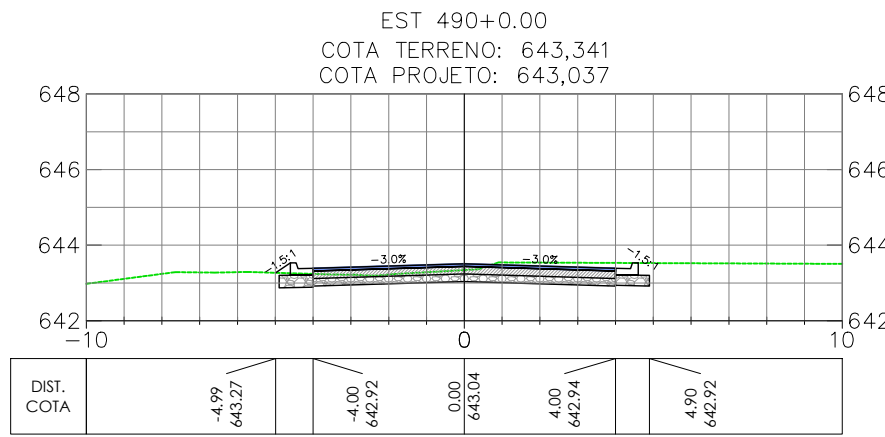
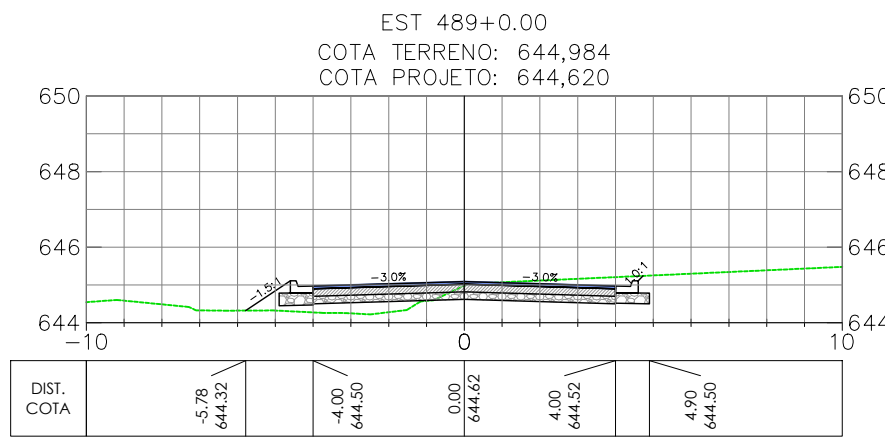
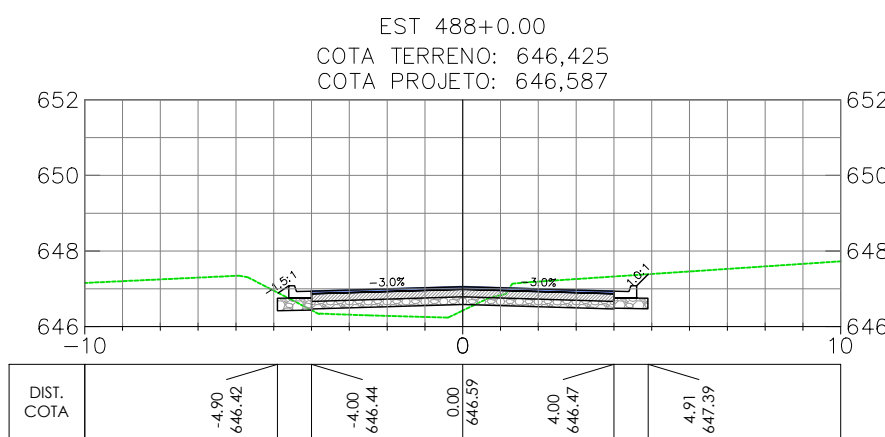
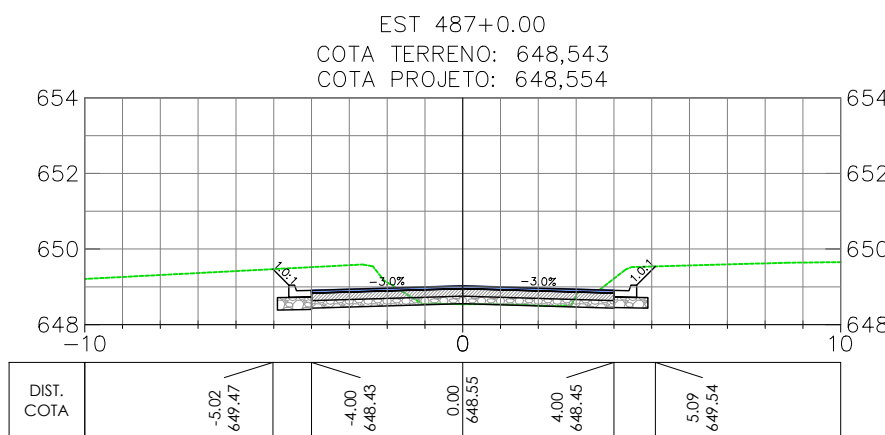
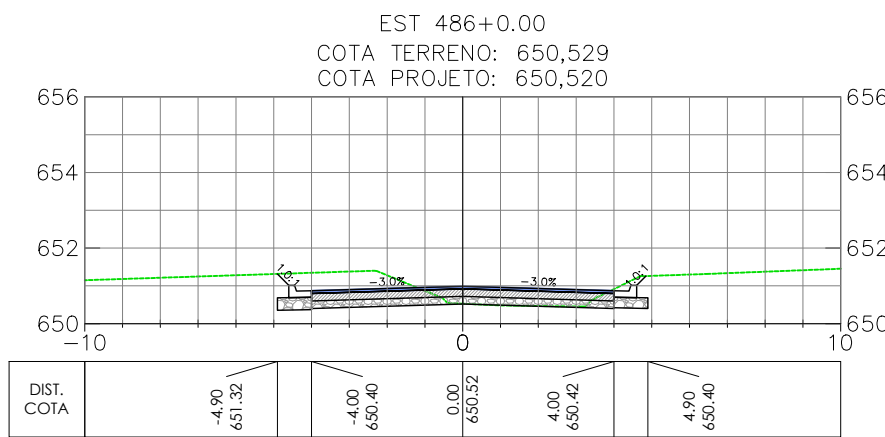
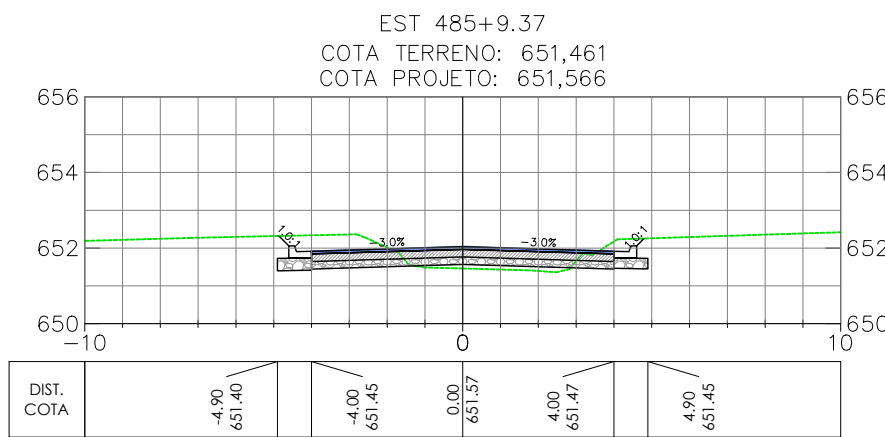
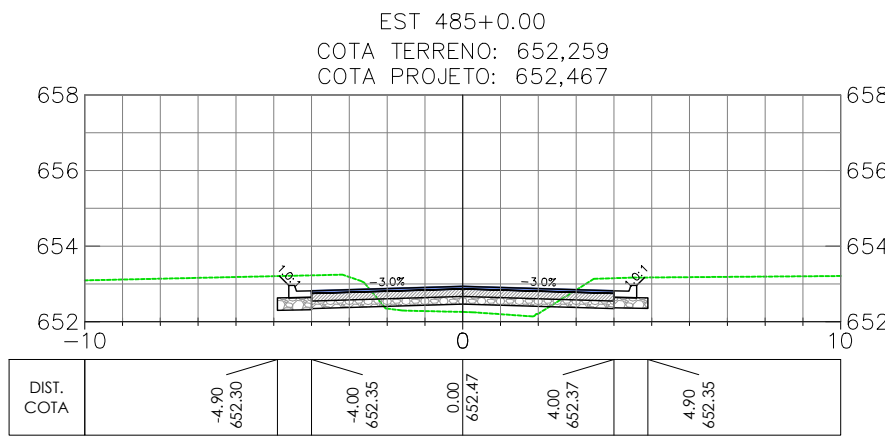
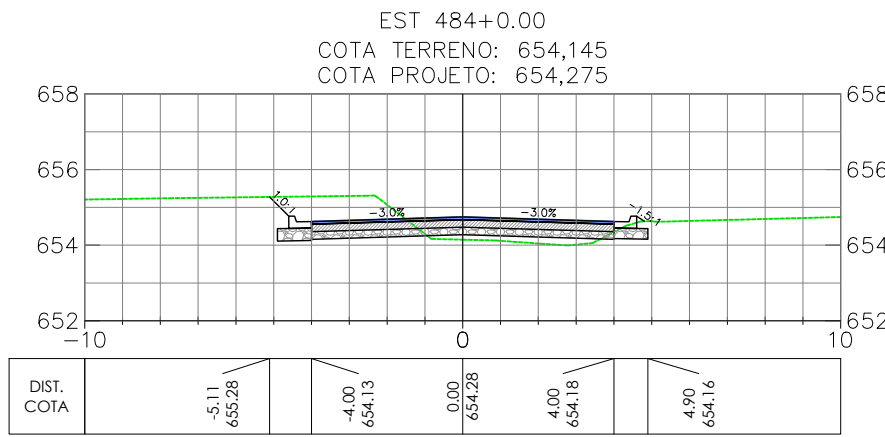
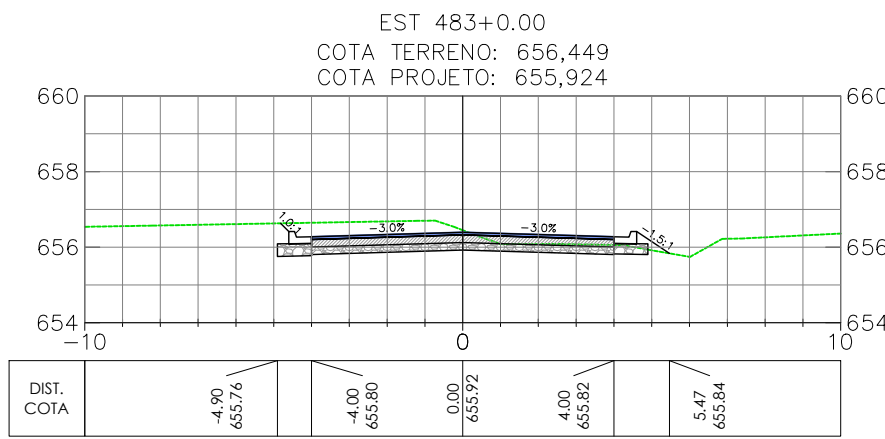
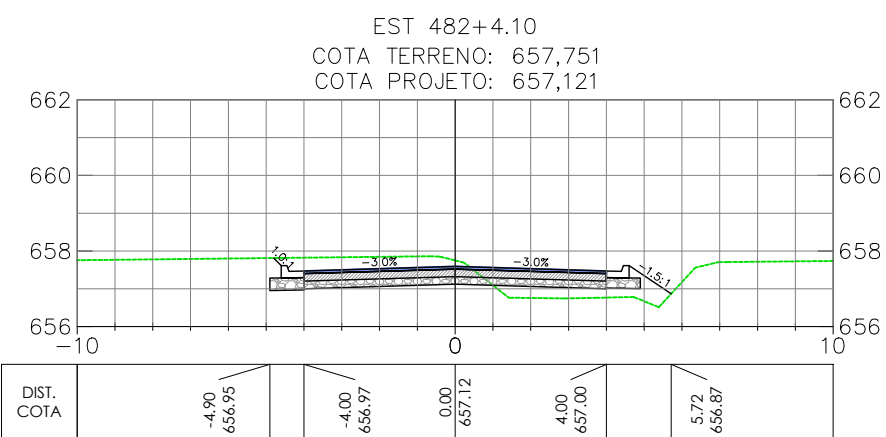
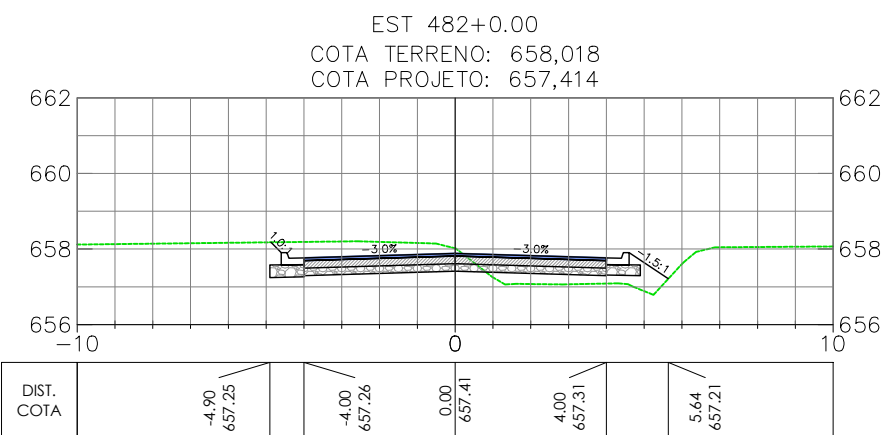
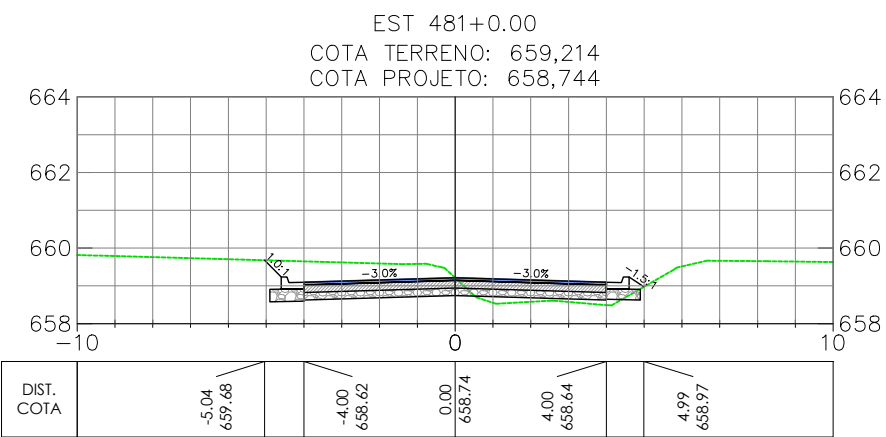
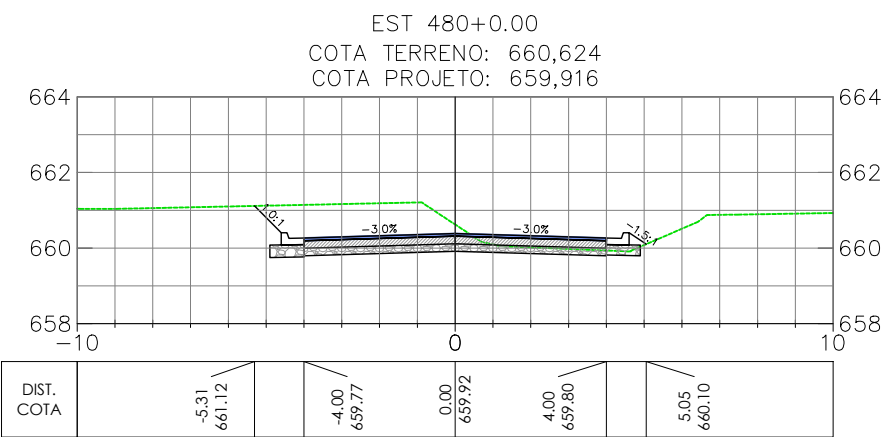
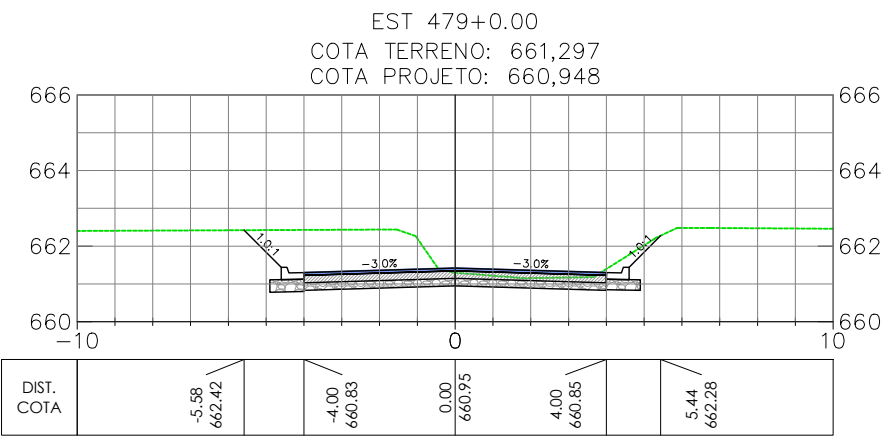
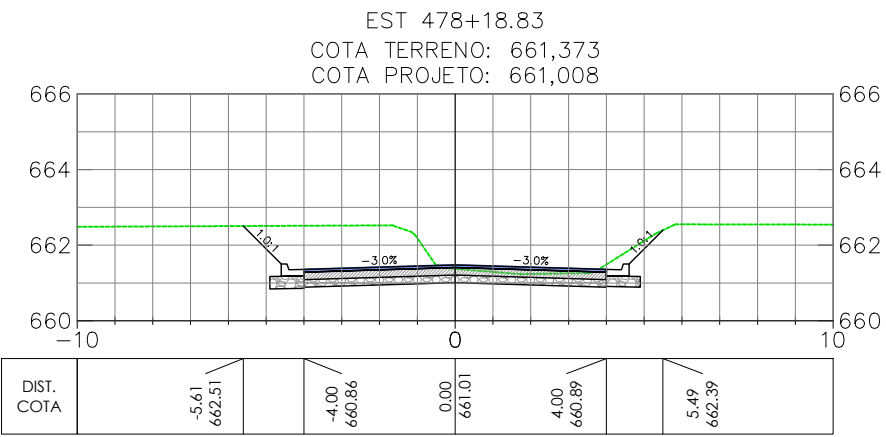
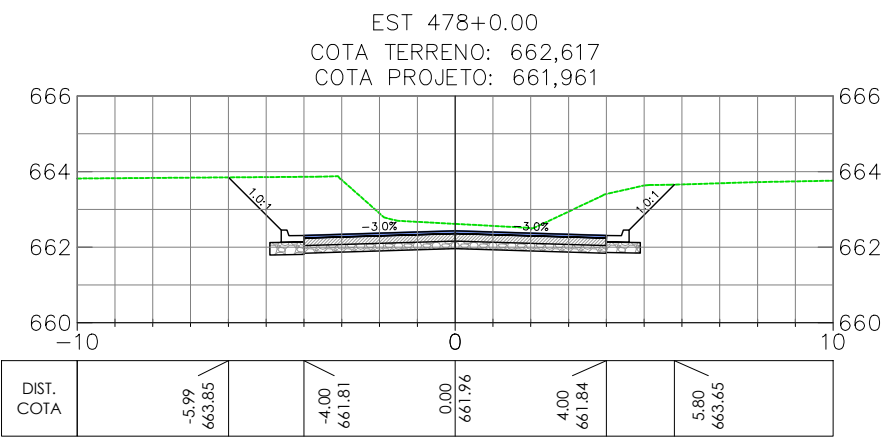
DATA: JULHO/2022	ESCALA: 1:200	CÓDIGO: PRJ-TER
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TÍTULO DOS DESENHOS: SEÇÕES TRANSVERSAIS - ANEL RODVIÁRIO (EST. 453+0.00 A EST. 477+0.00) SEÇÃO TIPO	PRINCHA: 20/39
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DIREITOS AUTORAIS RESERVADOS: PROIBIDO REPRODUÇÃO, DIVULGAÇÃO OU ALTERAÇÃO SEM ORDEM EXPRESSA DO AUTOR. TÍTULO DOS DESENHOS: PRJ-EXE-TER-PRD-ARO-0181-REV02



Anel Rodoviário



OBSERVAÇÕES

- OBSERVAÇÕES GERAIS:
- 1 - MEDIDAS, COORDENADAS E ELEVACOES EM METRO, EXCETO ONDE INDICADO
  - 2 - PODERAO OCORRER AJUSTES EM CAMPO QUANDO A EXECUCAO DA OBRA POR DETERMINACAO DA PREFEITURA.

LEGENDA

- EIXO PROJETADO  
TERRENO NATURAL

REVISAO	DESCRICAO	TIPO	ELABORADO	VERIFICADO	DATA
00	EMISSAO INICIAL	EXE	GMT	LGR	15/09/2021
01	REVISAO	EXE	CLP	LGR	04/02/2022
02	REVISAO	EXE	IFT	LGR	09/08/2022

TIPOS DE EMISSAO	ATP - ANTEPROJETO BSC - BASICO EXE - EXECUTIVO	APV - APROVADO PCT - P/ CONSTRUCAO ASB - AS BUILT	CNC - CANCELADO
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**OBJETIVA** OBJETIVA PROJETOS E SERVIÇOS

ALAMEDA OSCAR NIEMAYER, Nº500, SALA 505 - VALE DO SERENO  
NOVA LIMA-MO - CEP: 34.006-056  
TEL.: (31) 3347-4405 / (31) 3347-7079 / (31) 3571-1920  
EMAIL: contata@grupoprojetosengenharia.com.br

**PREFEITURA MUNICIPAL DE BOM DESPACHO**

PRACA RIMA ALBUQUERQUE, Nº45 - CENTRO  
BOM DESPACHO-MG - CEP: 35.600-000  
TEL: 0800 285 9797

PROJETO DE INFRAESTRUTURA

ANEL RODOVARIO LIGACAO ENTRE BR-262 E MG-164, BOM DESPACHO-MG

PROJETO DE TERRAPLENAGEM

AUTORIA DO PROJETO:	CONTRATANTE DO PROJETO:
JULIANA GONCALVES OLIVEIRA CREA MG - 238787/D	RESPONSAVEL DA CONTRATANTE

DATA: JULHO/2022	ESCALA: 1:200	CODIGO: PRJ-TER
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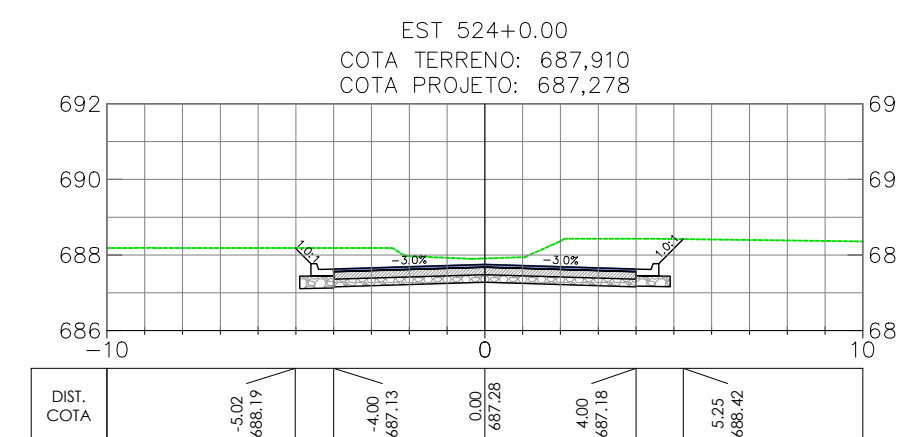
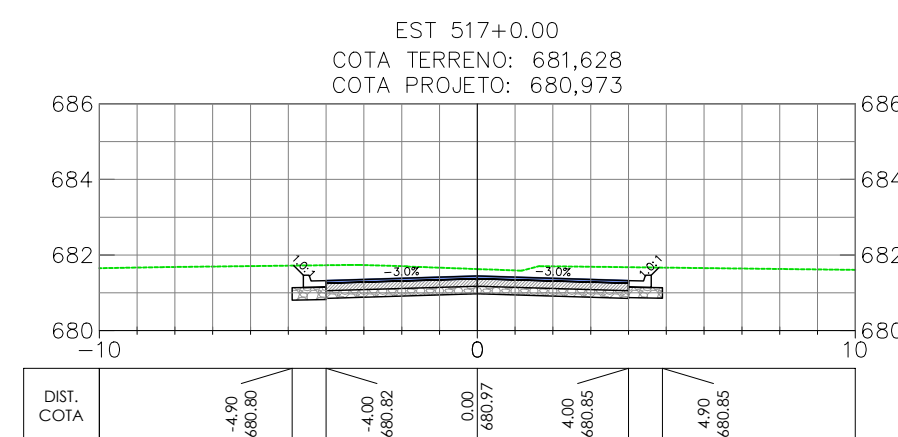
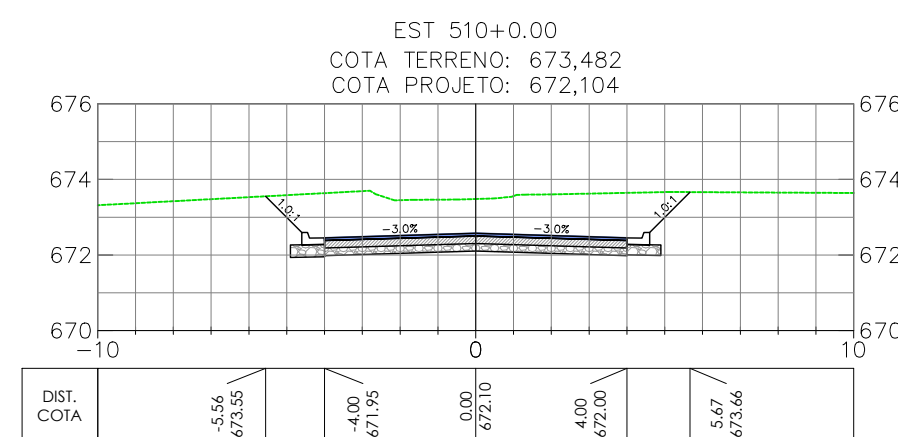
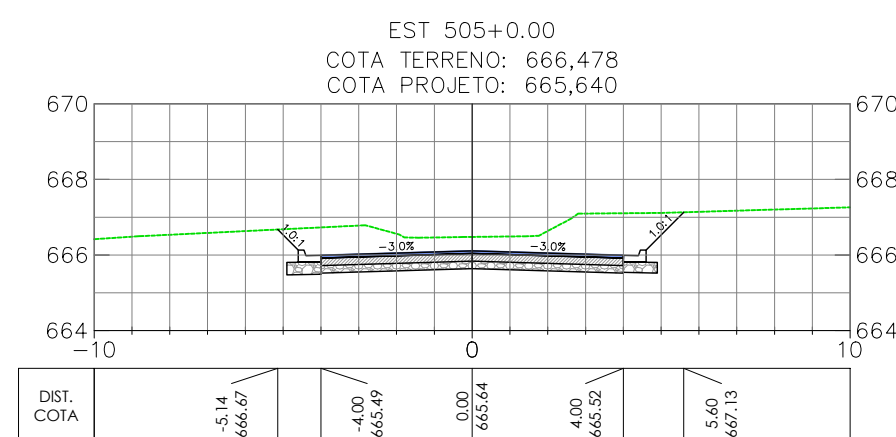
TITULO DOS DESENHOS: SECOES TRANSVERSAIS - ANEL RODOVARIO (EST. 478+0.00 A EST. 499+0.00) SECAO TIPO	PRANCHAS: 21/39
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DIREITOS AUTORAIS RESERVADOS: PROIBIDO REPRODUCAO, DIVULGACAO OU ALTERACAO SEM ORDEM EXPRESSA DO AUTOR.

TITULO DOS DESENHOS:  
PRJ-EXE-TER-PRD-ARO-0181-REV02



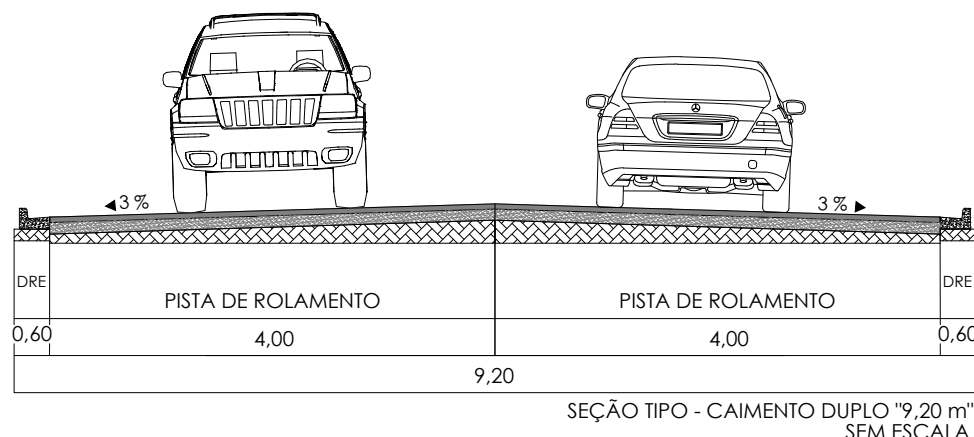
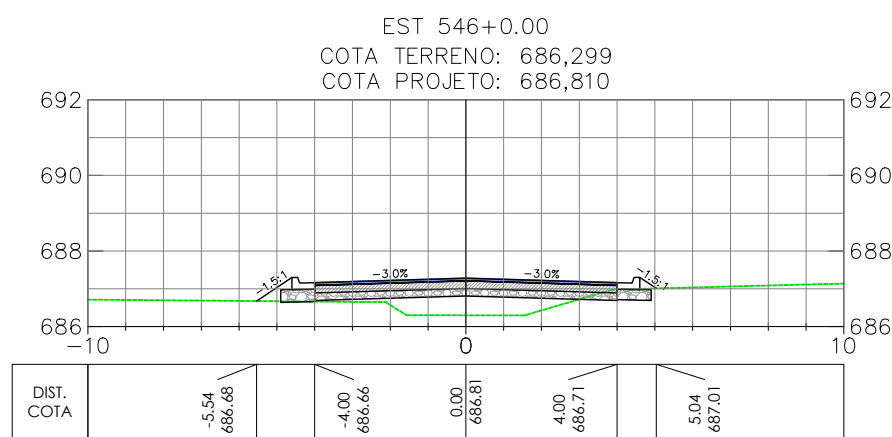
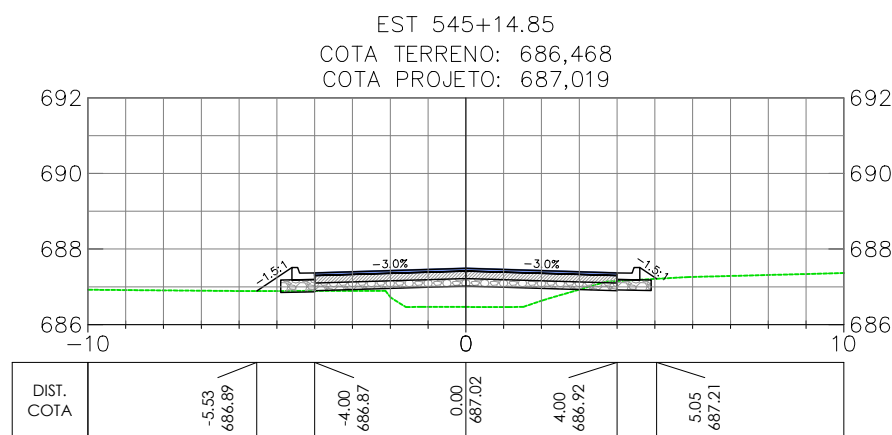
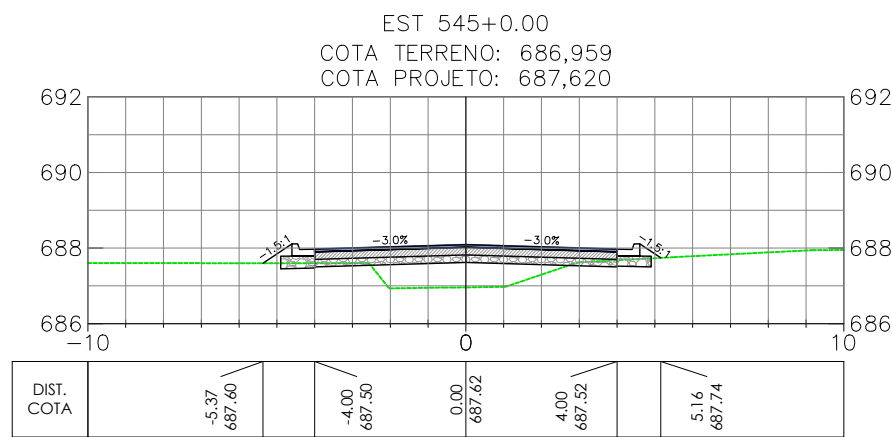
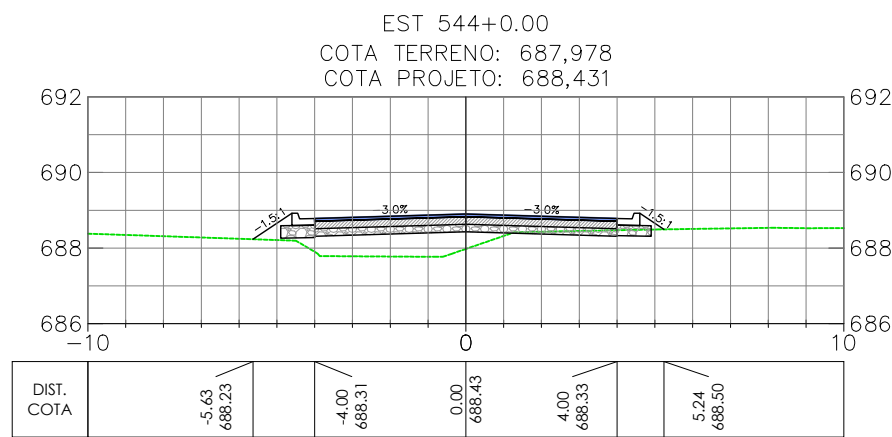
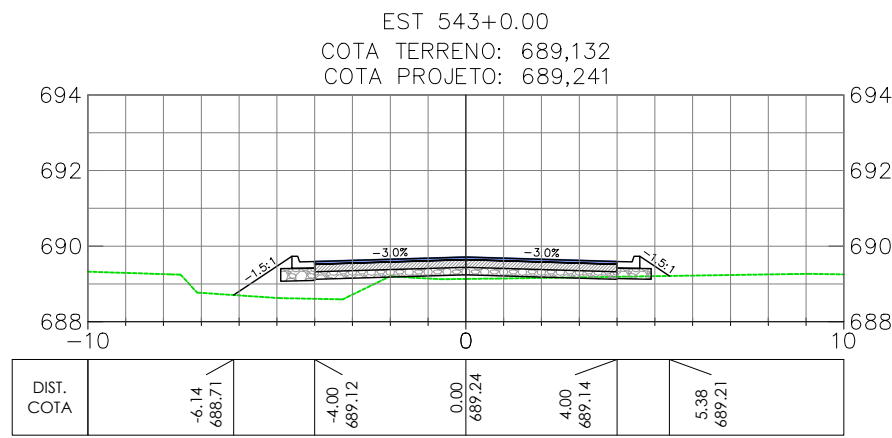
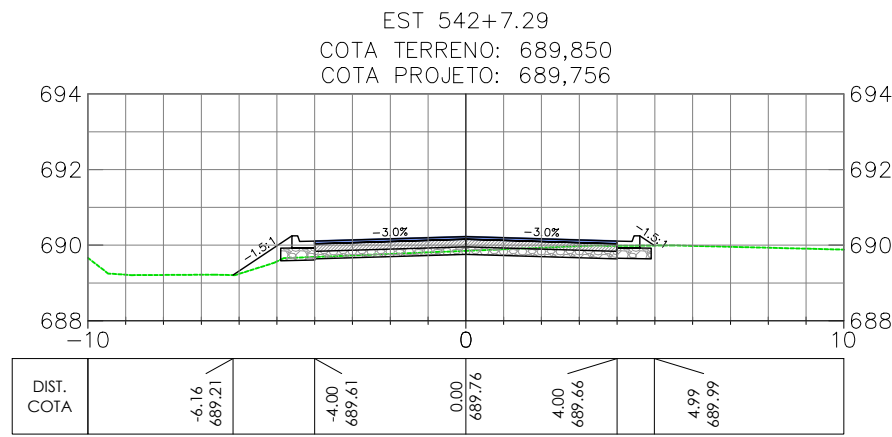
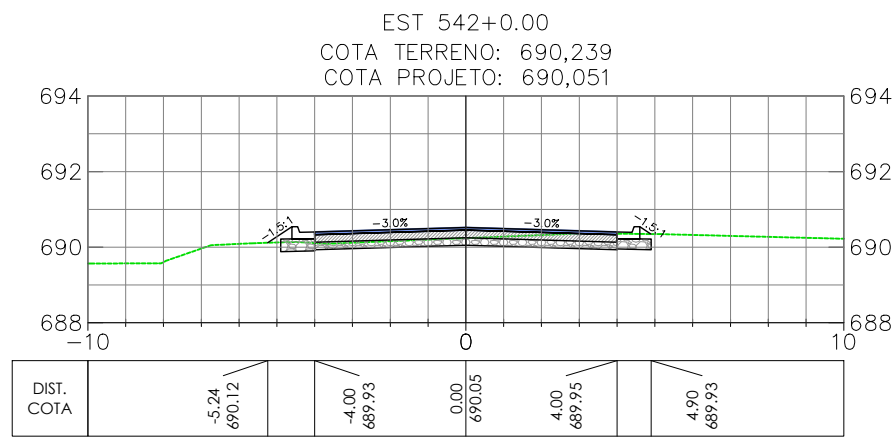
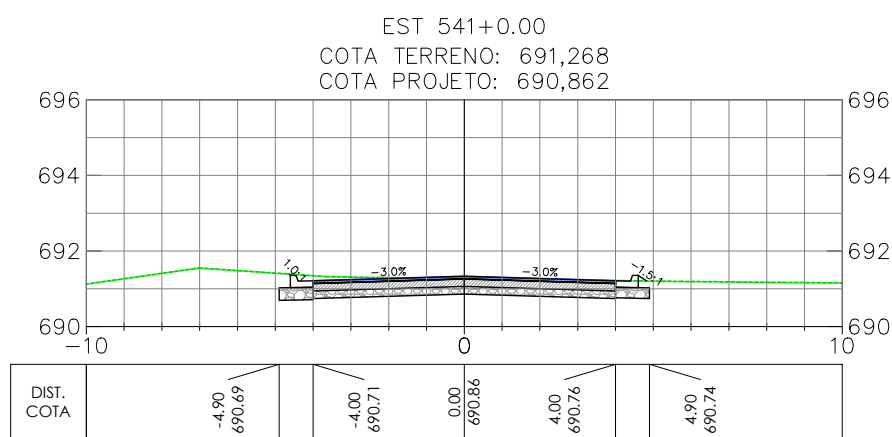
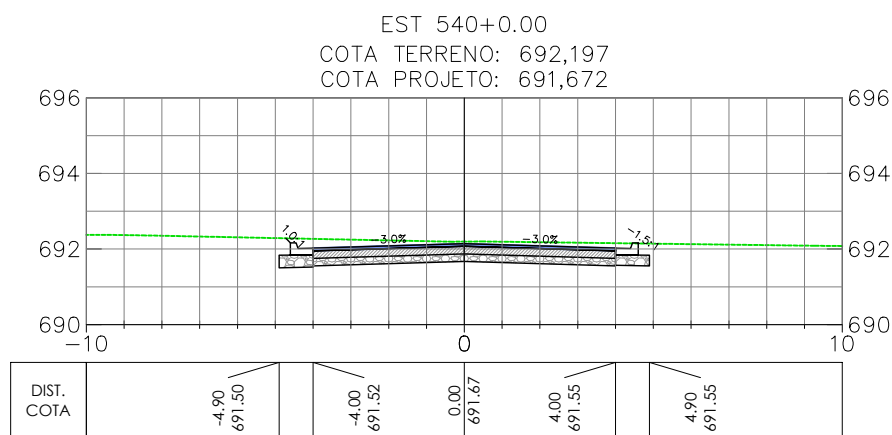
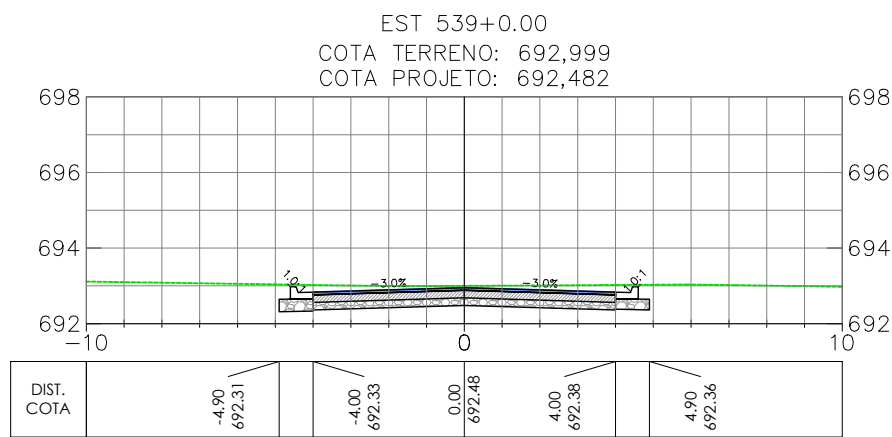
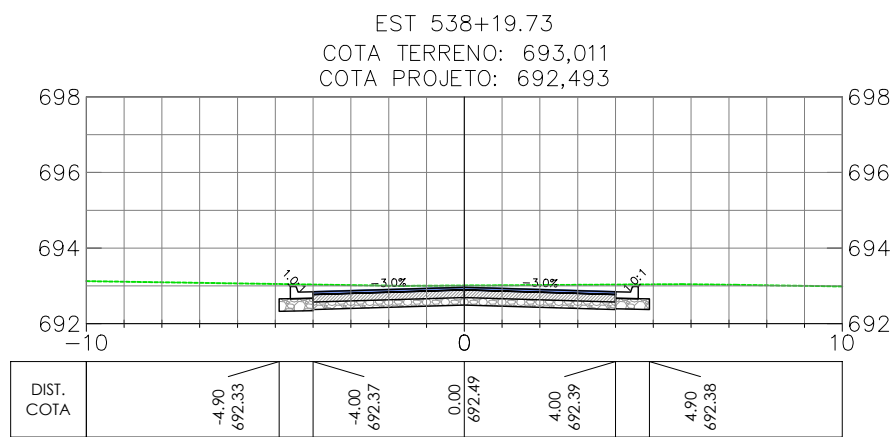
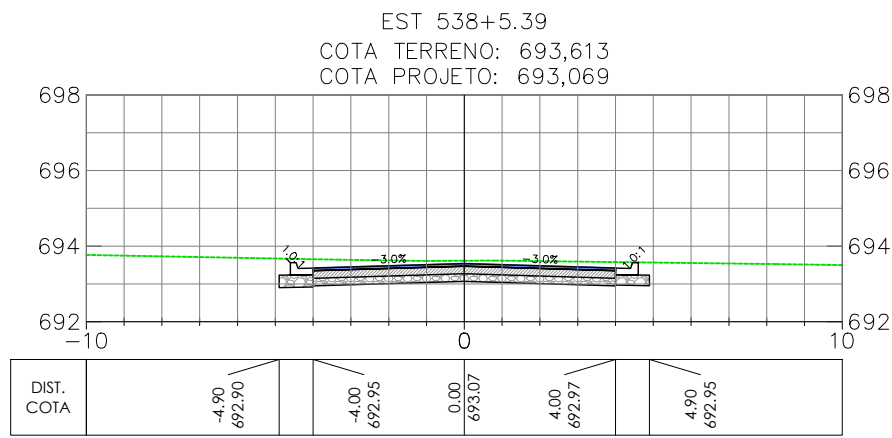
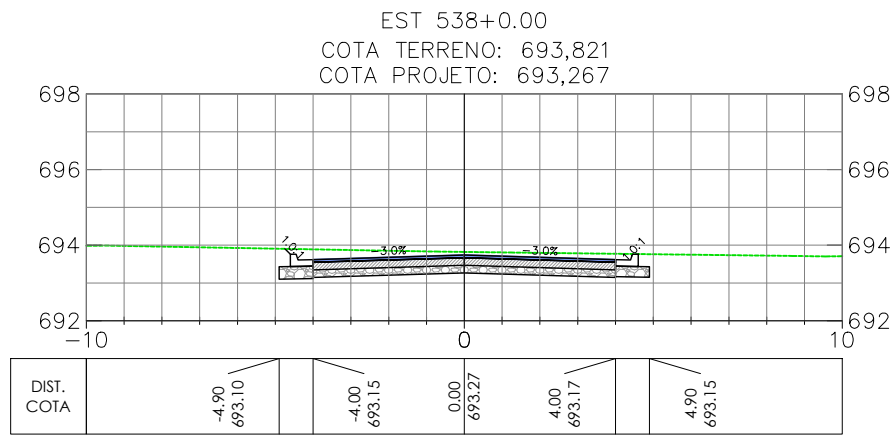
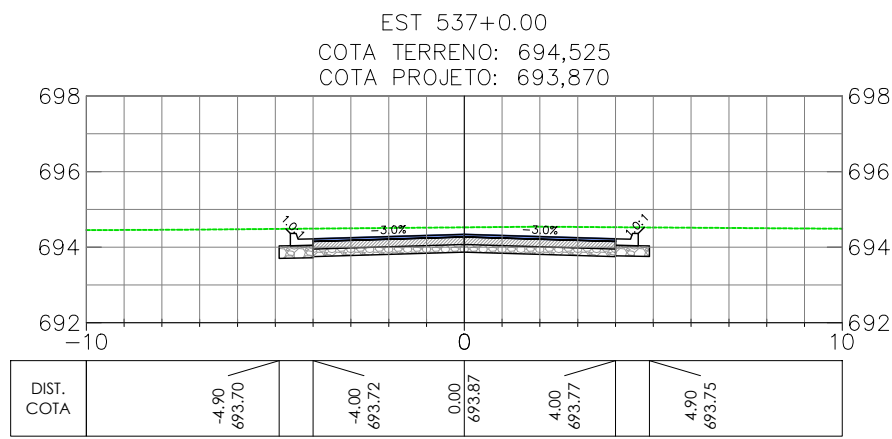
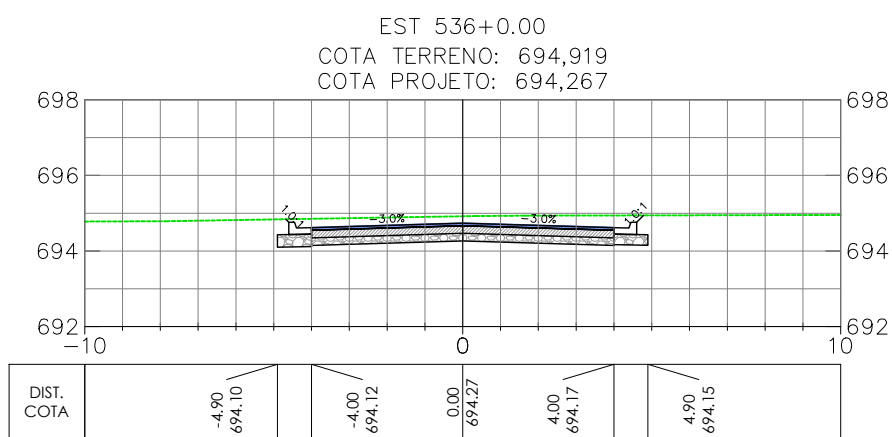
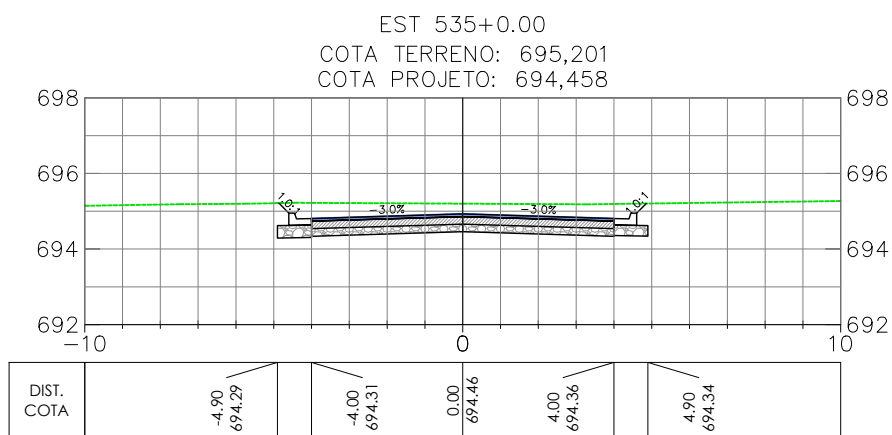
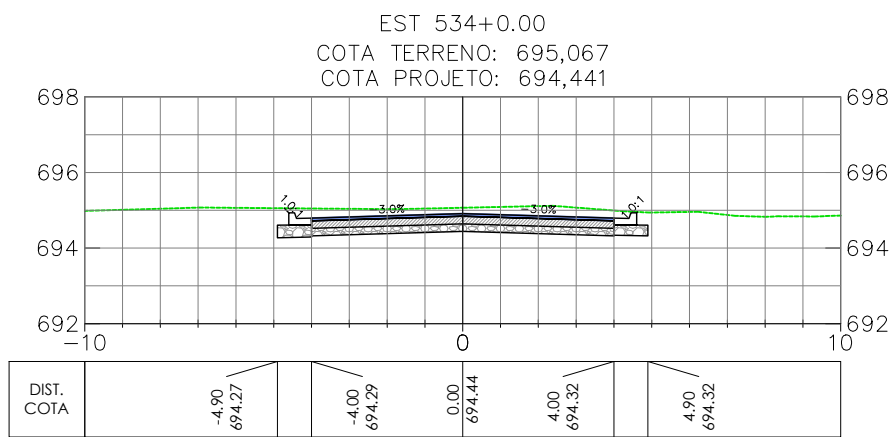
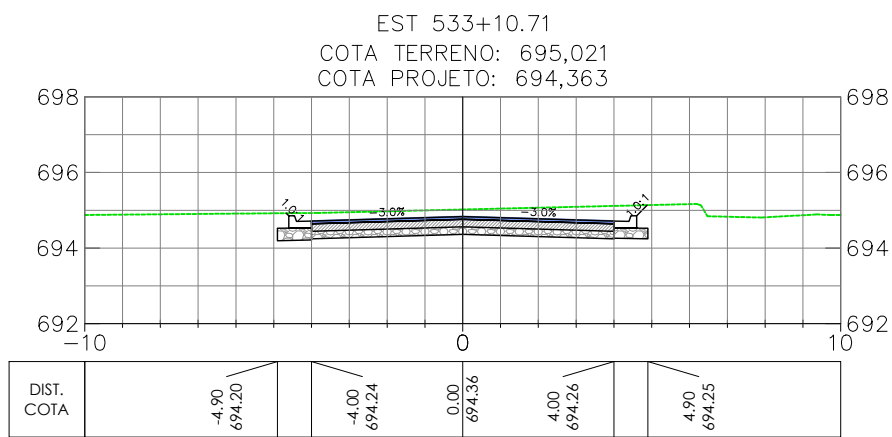
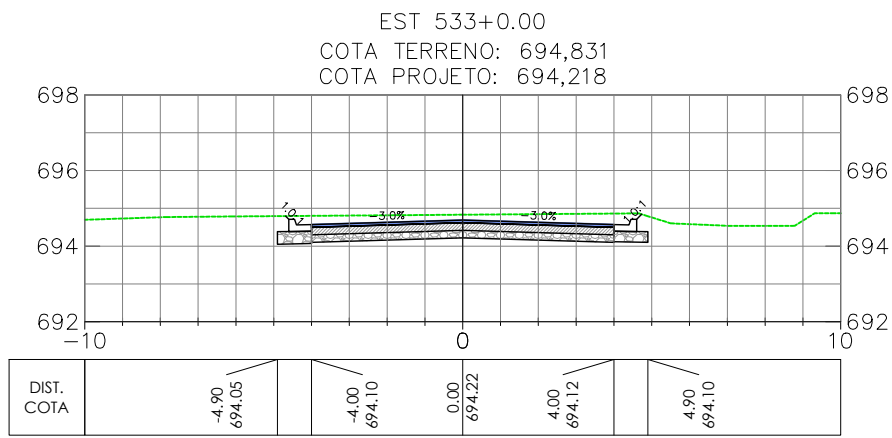
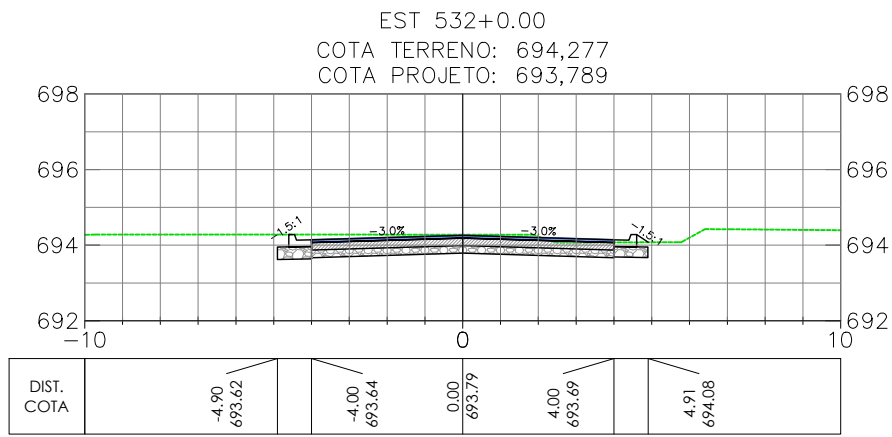
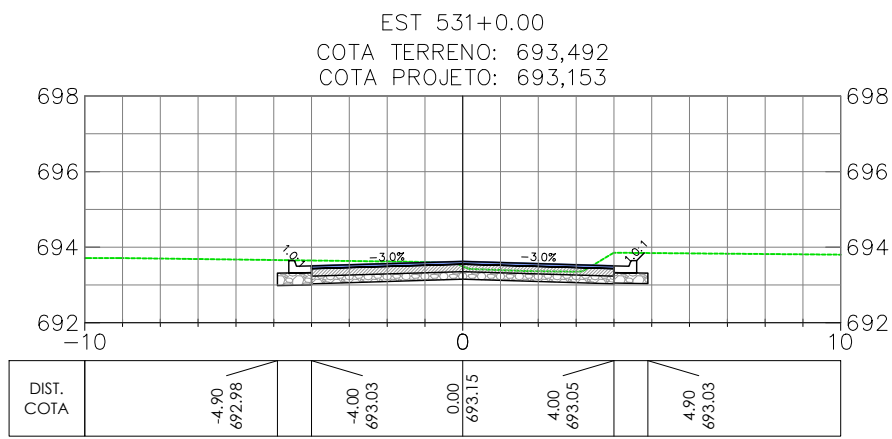
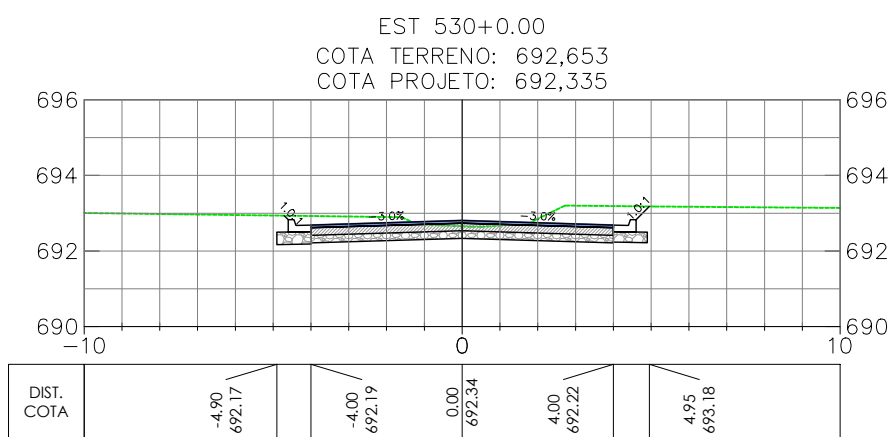
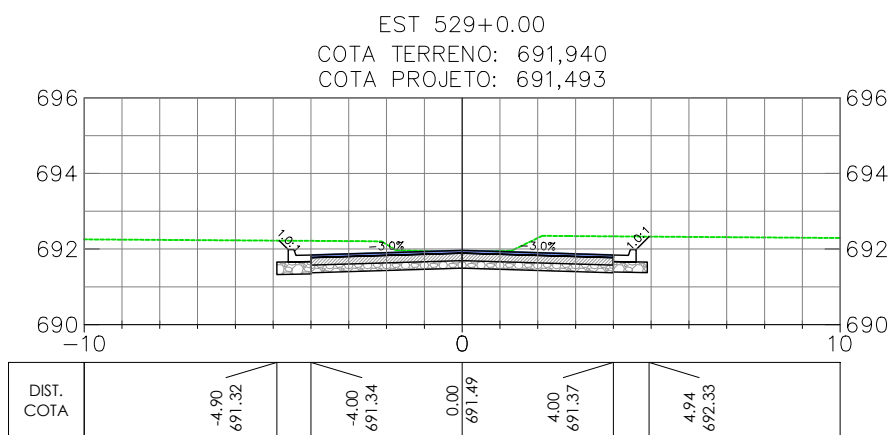
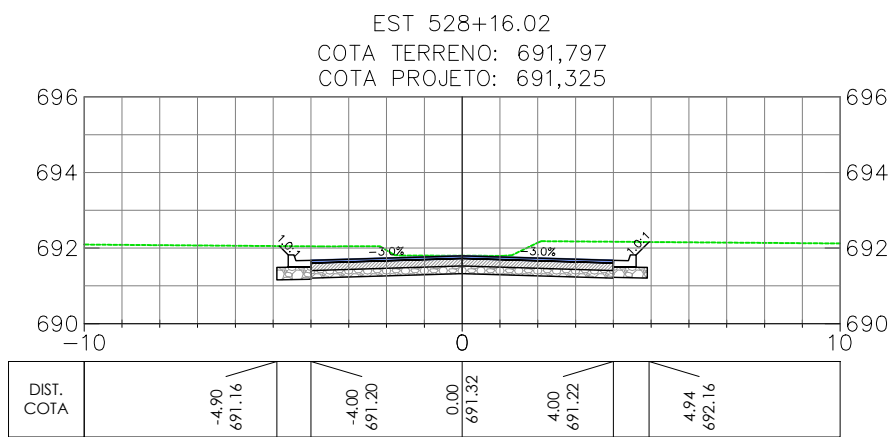
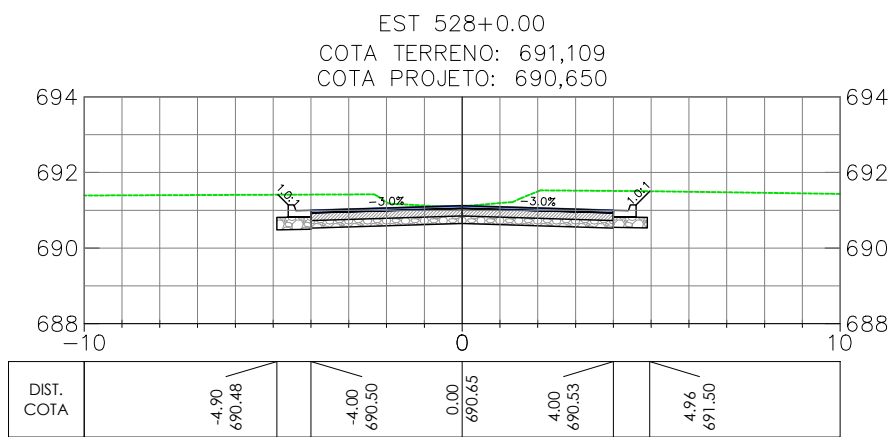
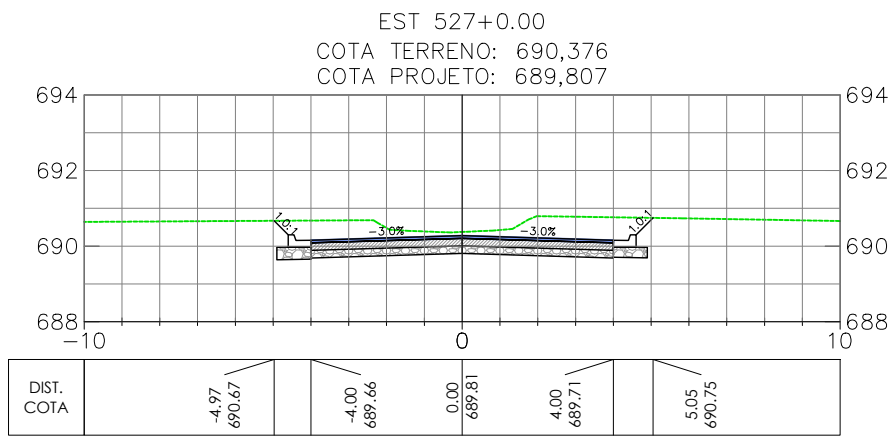
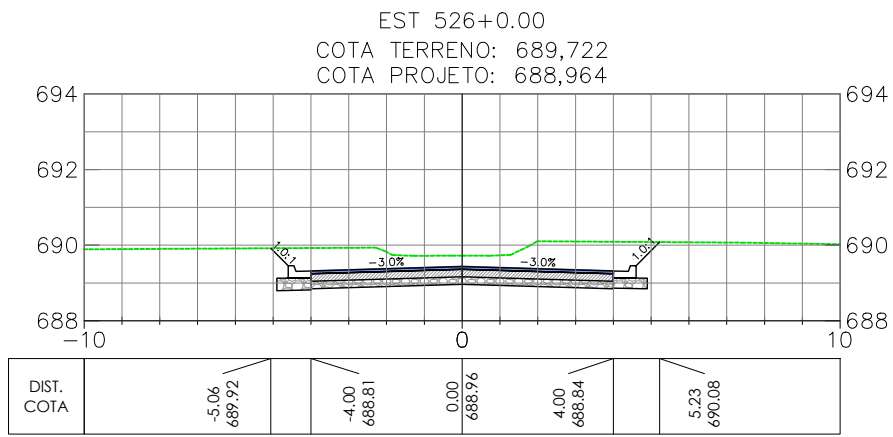
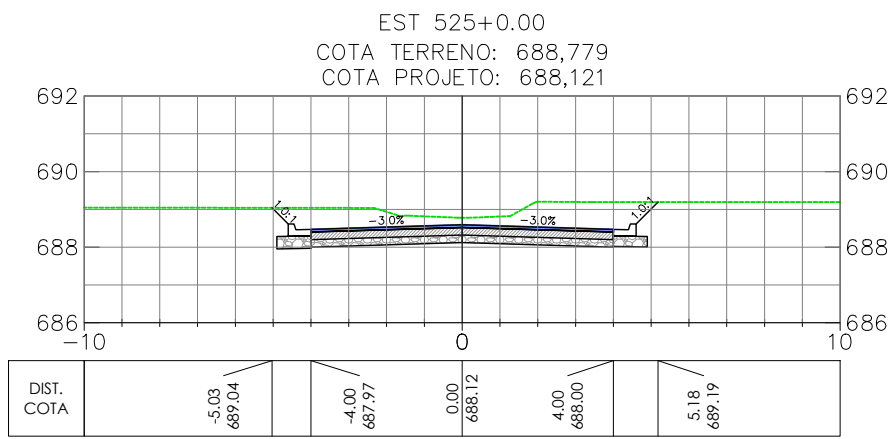
## 2



DIREITOS AUTORAIS RESERVADOS; PROIBIDO REPRODUÇÃO, DIVULGAÇÃO OU ALTERAÇÃO SEM ORDEM EXPRESSA DO AUTOR. TÍTULO DOS DESENHOS: PRJ-EXE-TER-PBD-ARO-0101-REV02



Anel Rodoviário



OBSERVAÇÕES

- OBSERVAÇÕES GERAIS:
- 1 - MEDIDAS, COORDENADAS E ELEVÇÕES EM METRO, EXCETO ONDE INDICADO
  - 2 - PODERÃO OCORRER AJUSTES EM CAMPO QUANDO A EXECUÇÃO DA OBRA POR DETERMINAÇÃO DA PREFEITURA.

LEGENDA

- EIXO PROJETADO
- TERRENO NATURAL

REVISÃO	DESCRIÇÃO	TIPO	ELABORADO	VERIFICADO	BREJO	DATA
00	EMISSION INICIAL	EXE	GMT	LGR		15/09/2021
01	REVISÃO	EXE	CLP	LGR		04/02/2022
02	REVISÃO	EXE	IFT	LGR		09/08/2022

TIPOS DE EMISSÃO	ATP - ANTEPROJETO BSC - BÁSICO EXE - EXECUTIVO	APV - APROVADO PCT - P/ CONSTRUÇÃO ASB - "AS BUILT"	CNC - CANCELADO
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**OBJETIVA** OBJETIVA PROJETOS E SERVIÇOS

ALAMEDA OSCAR NIEMEYER, Nº500, SALA 505 - VALE DO SERENO  
NOVA LIMA-MO - CEP: 34.006-056  
TEL.: (31) 3347-4405 / (31) 3347-7079 / (31) 3571-1920  
EMAIL: contata@grupoprojetosengenharia.com.br

**PREFEITURA MUNICIPAL DE BOM DESPACHO**

PRÇA RMA ALBUQUERQUE, Nº45 - CENTRO  
BOM DESPACHO-MG - CEP: 35.600-000  
TEL: 0800 285 9797

PROJETO DE INFRAESTRUTURA

ANEL RODOVÁRIO LIGAÇÃO ENTRE BR-262 E MG-164, BOM DESPACHO-MG

PROJETO DE TERRAPLENAGEM

AUTORIA DO PROJETO:	CONTRATANTE DO PROJETO:
JULIANA GONÇALVES OLIVEIRA CREA MG - 239787/D	RESPONSÁVEL DA CONTRATANTE

DATA: JULHO/2022	ESCALA: 1:200	CÓDIGO: PRJ-TER
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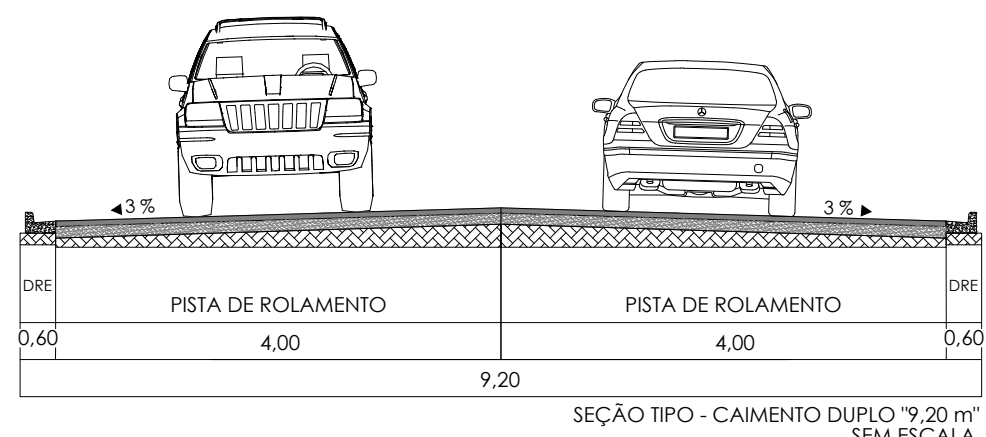
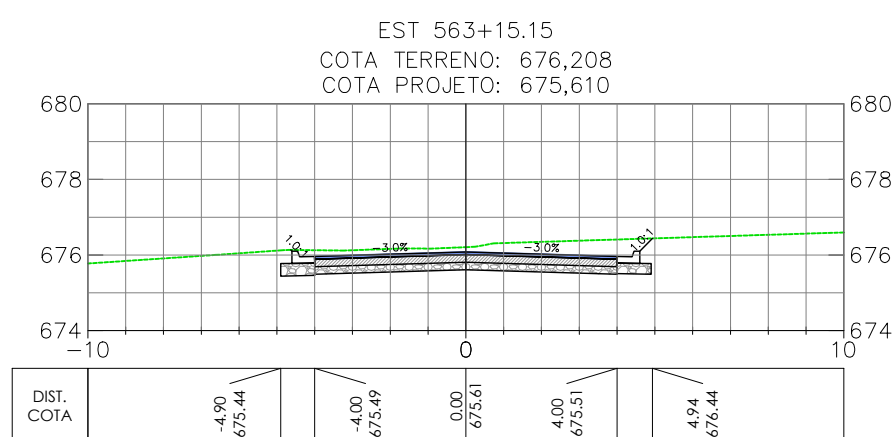
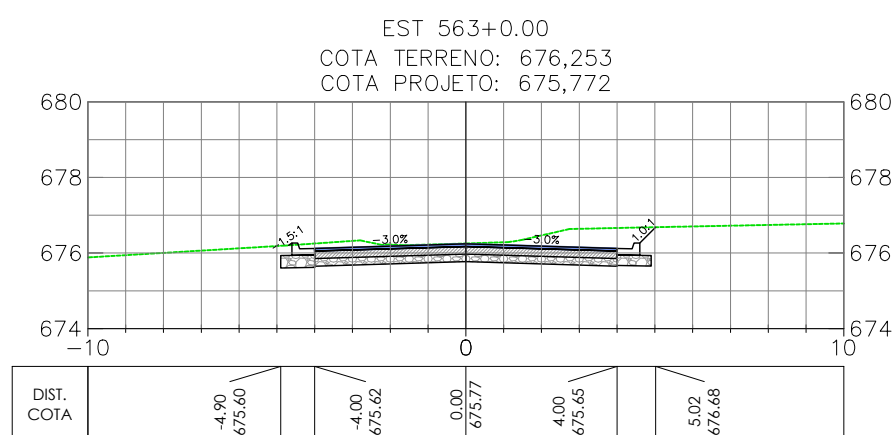
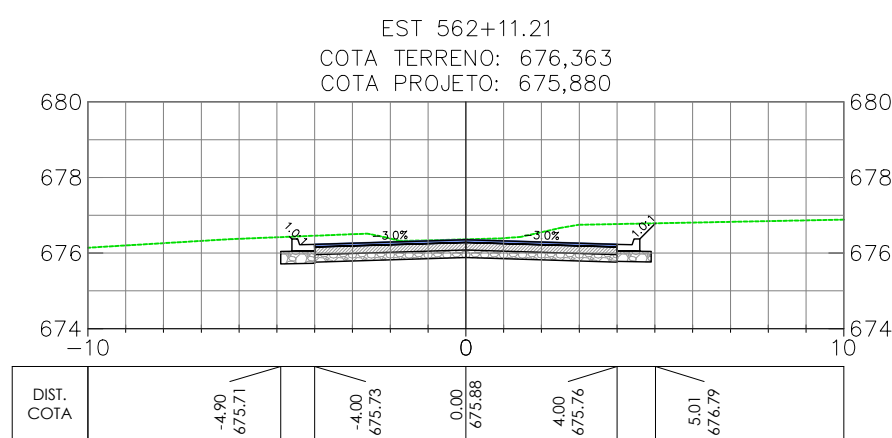
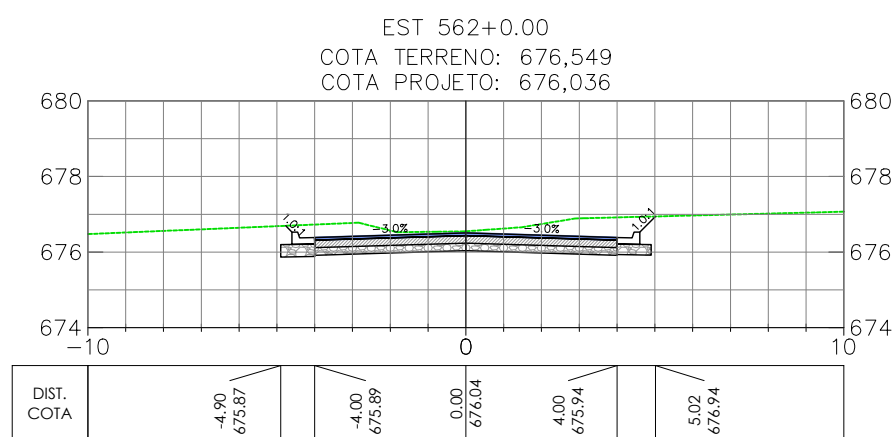
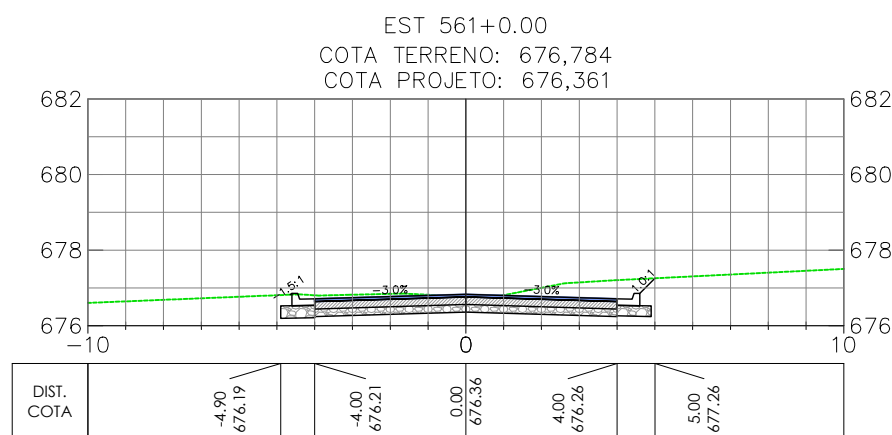
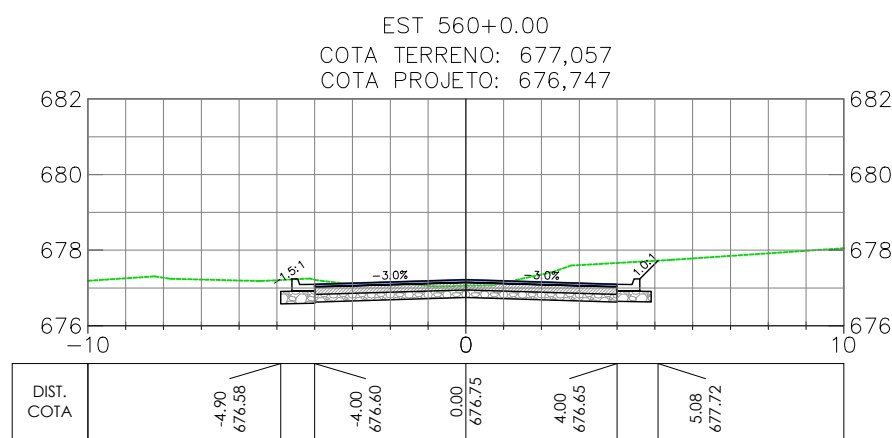
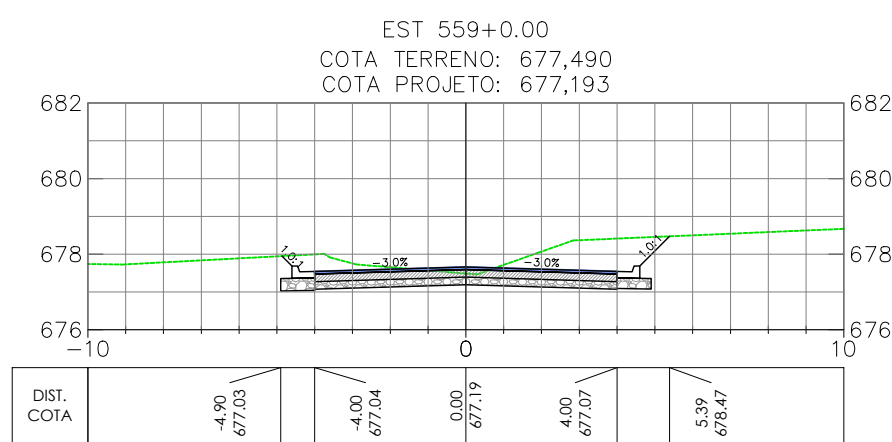
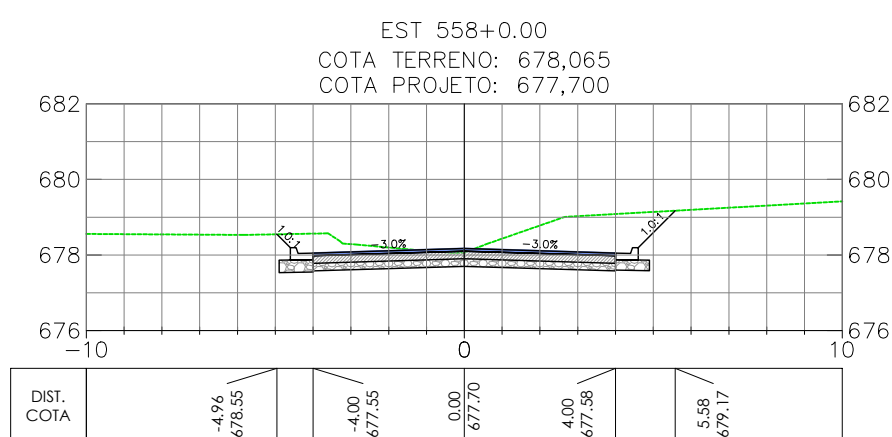
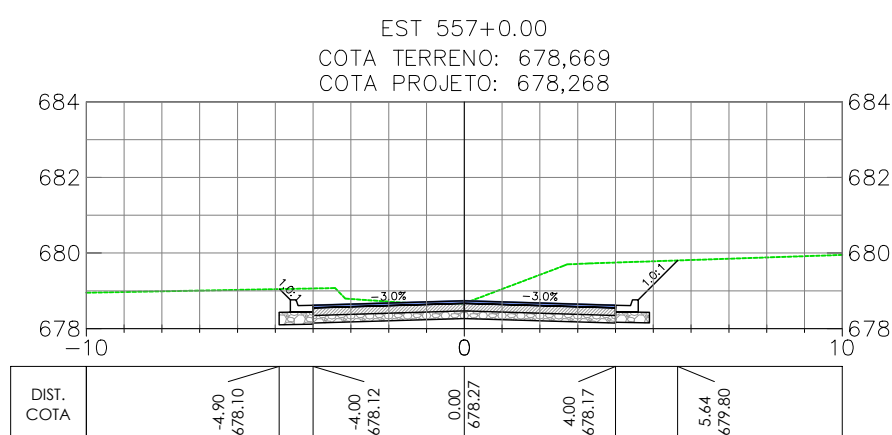
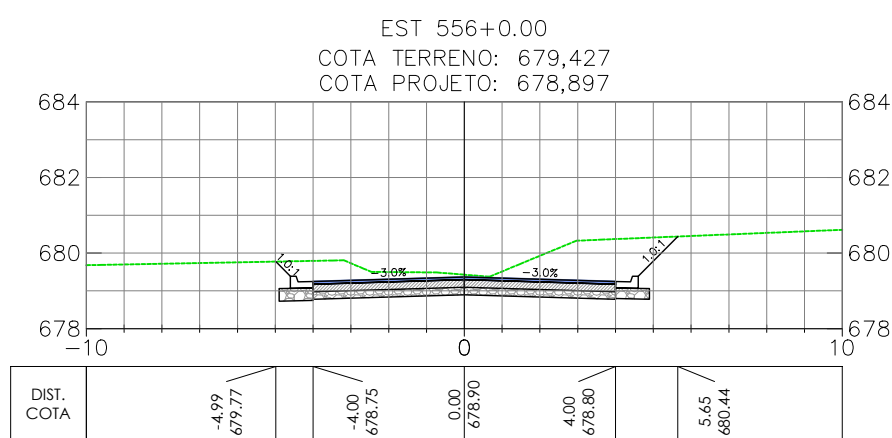
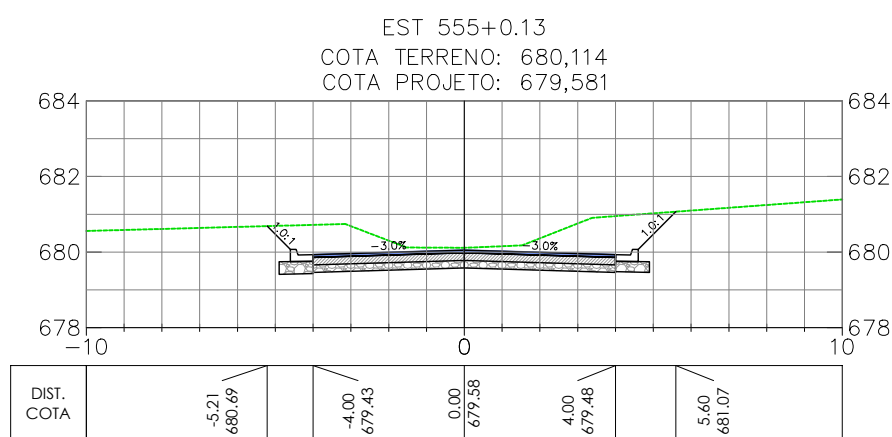
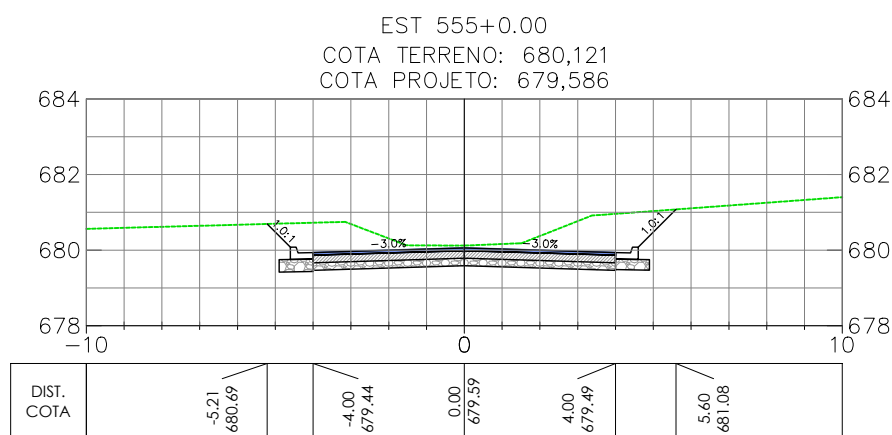
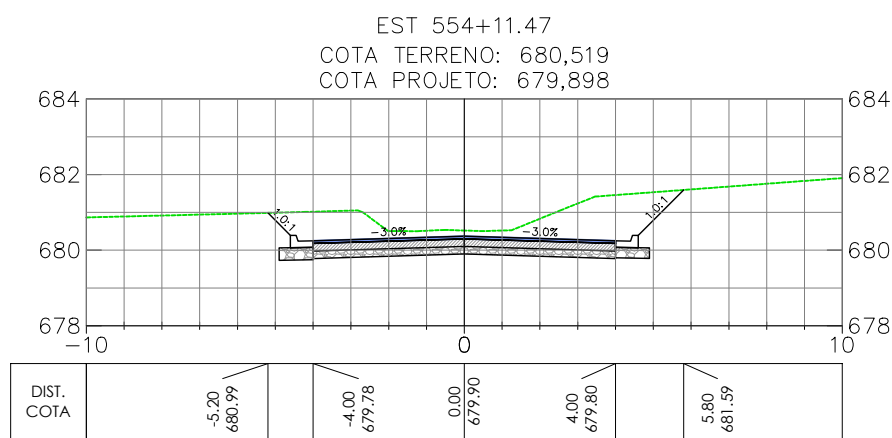
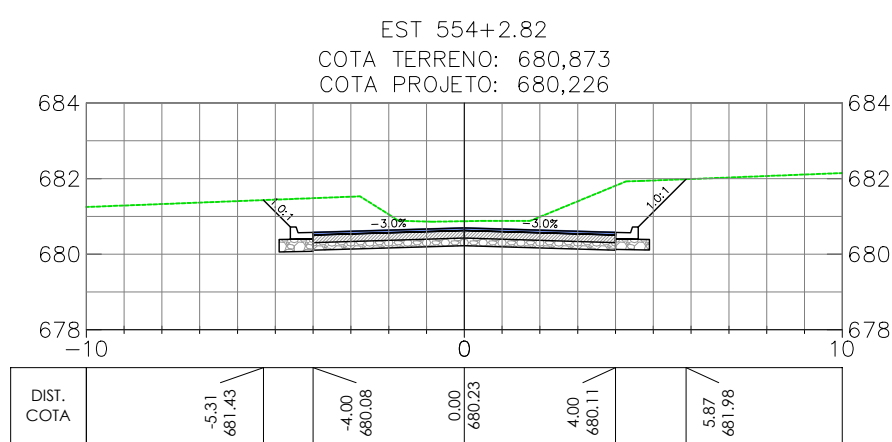
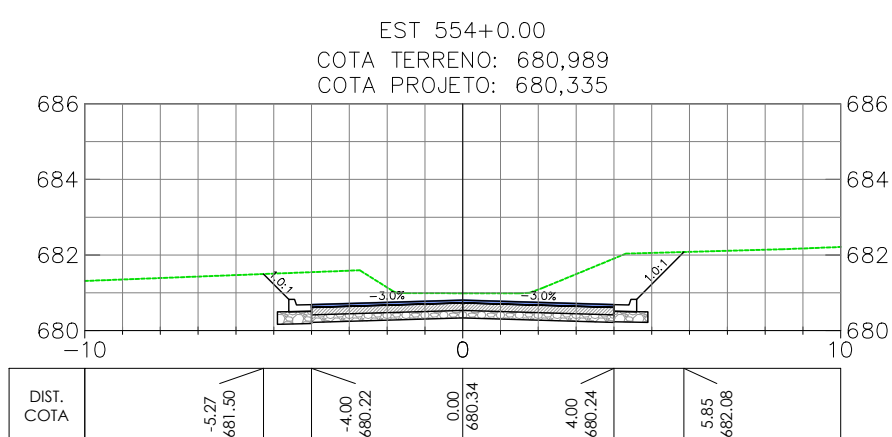
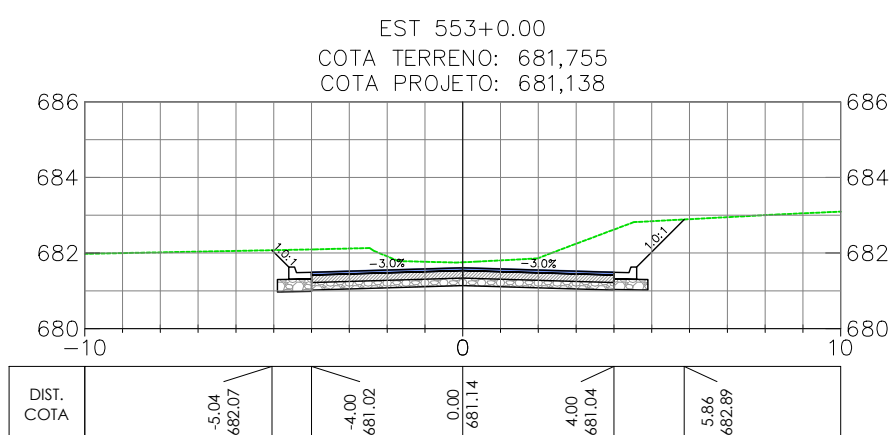
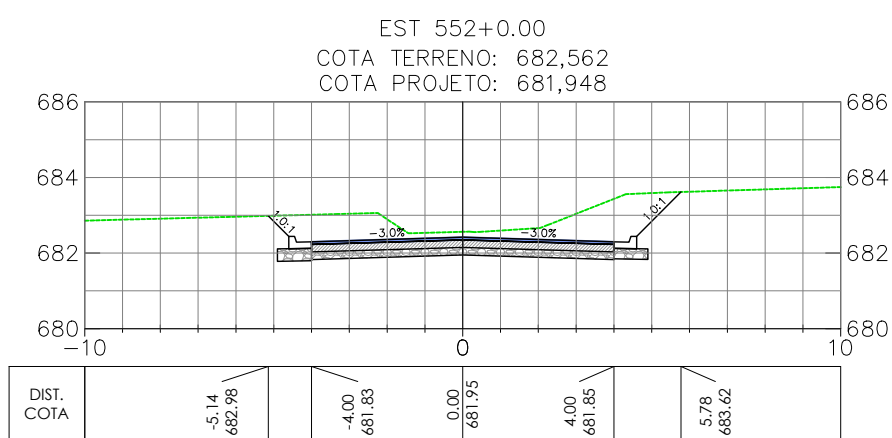
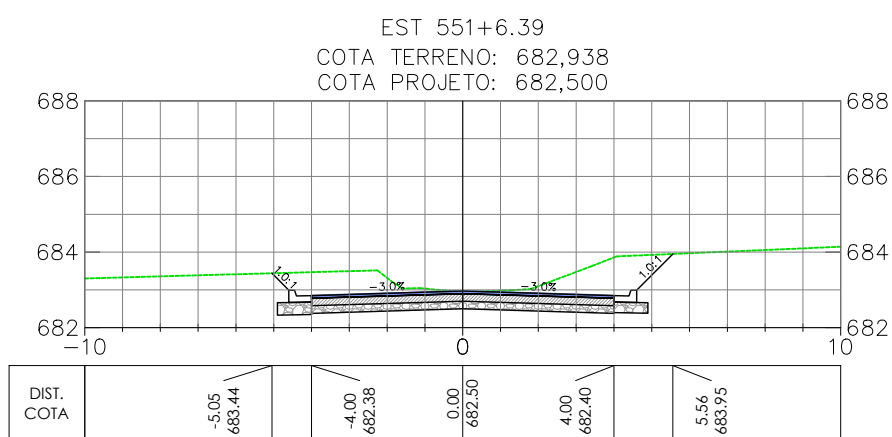
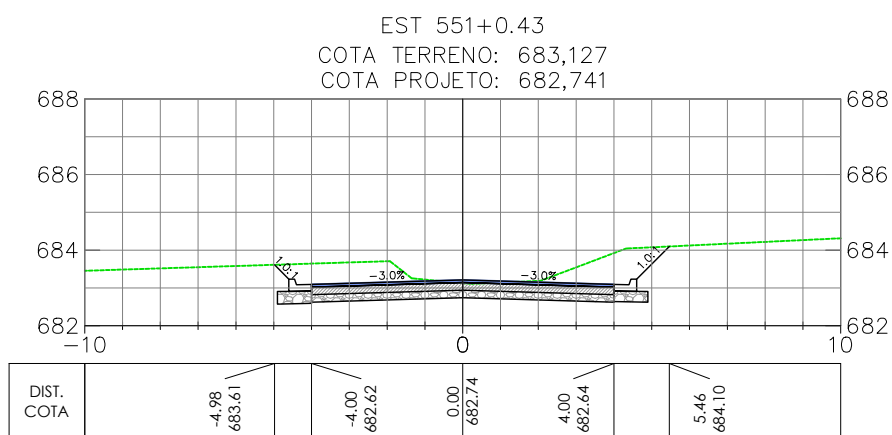
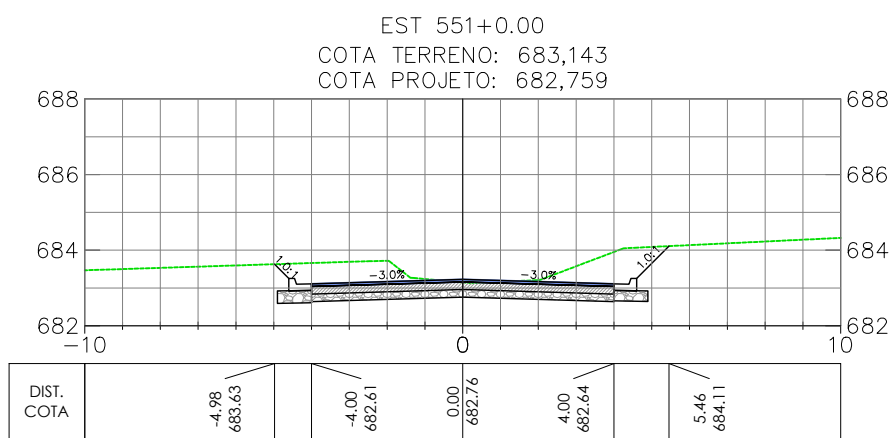
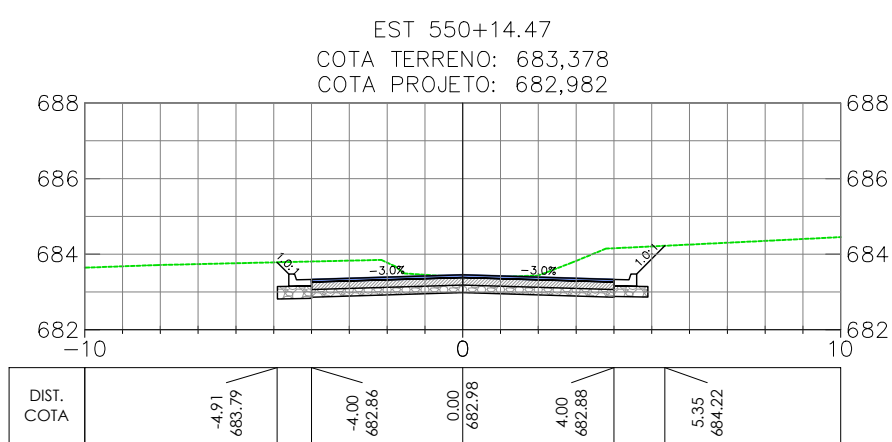
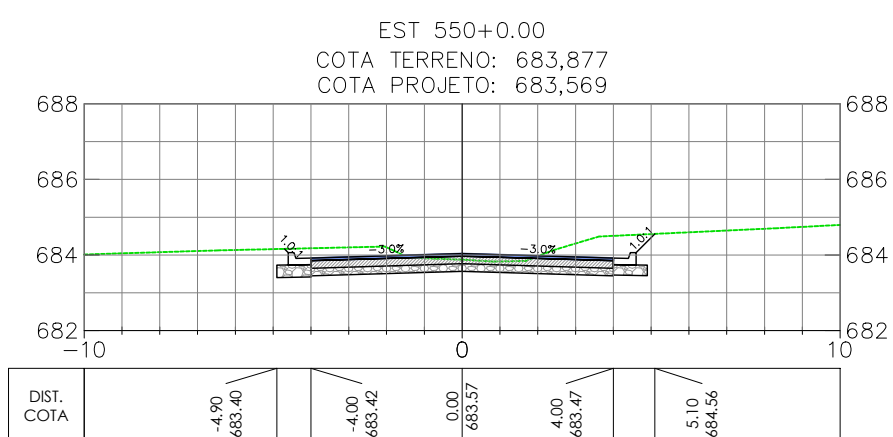
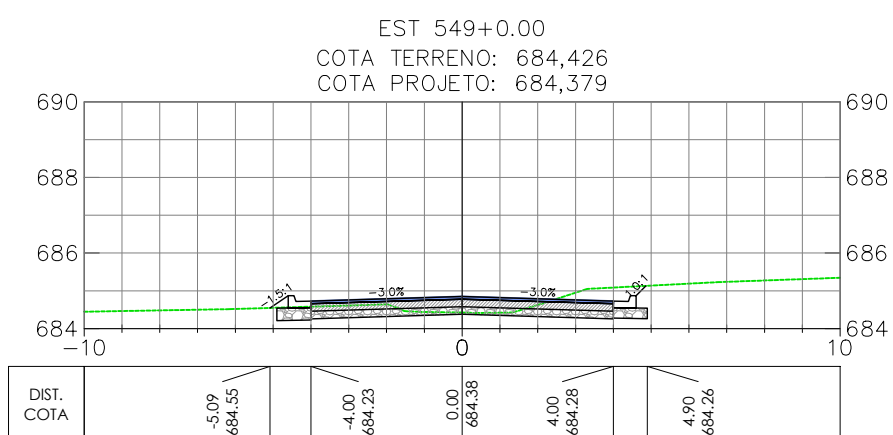
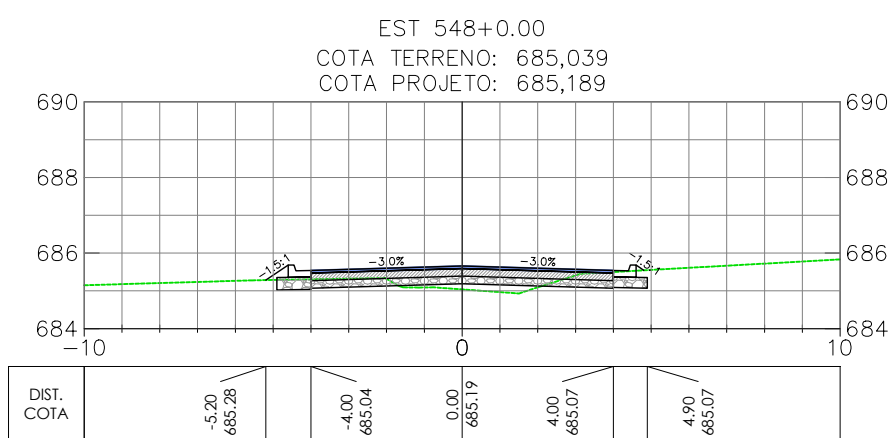
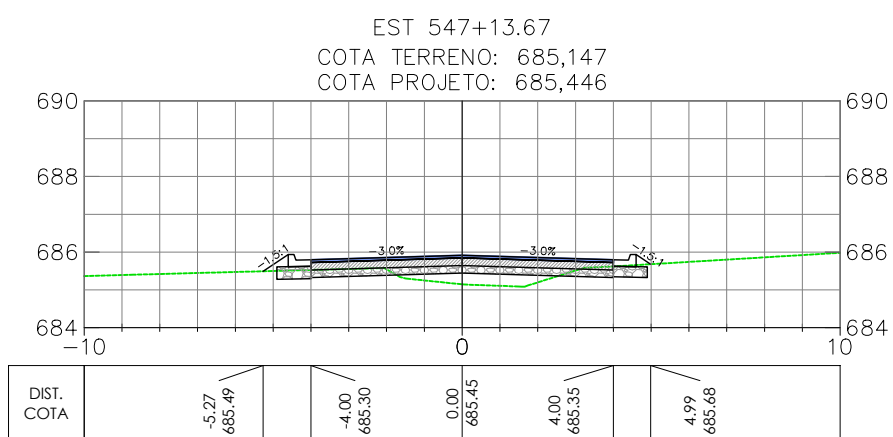
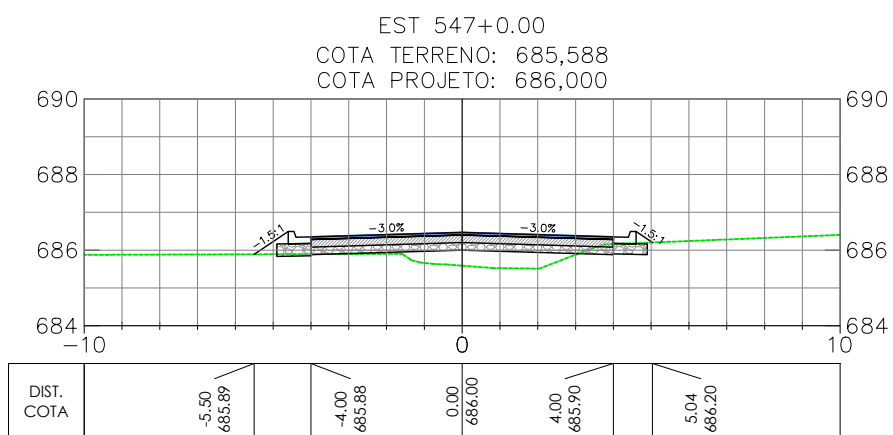
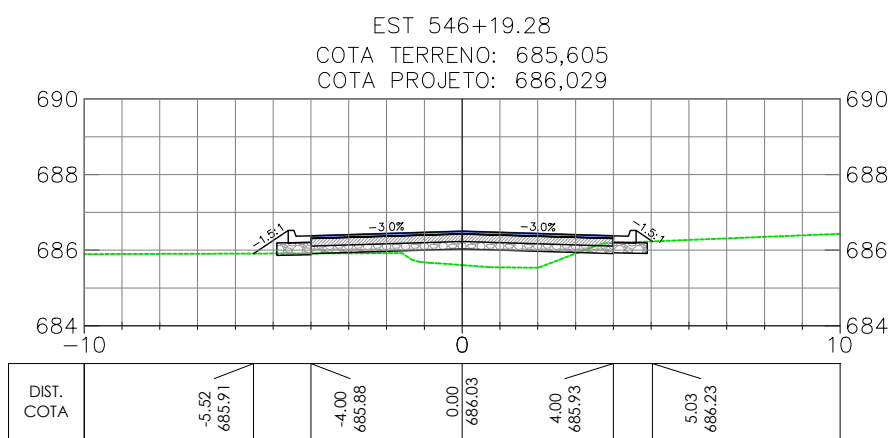
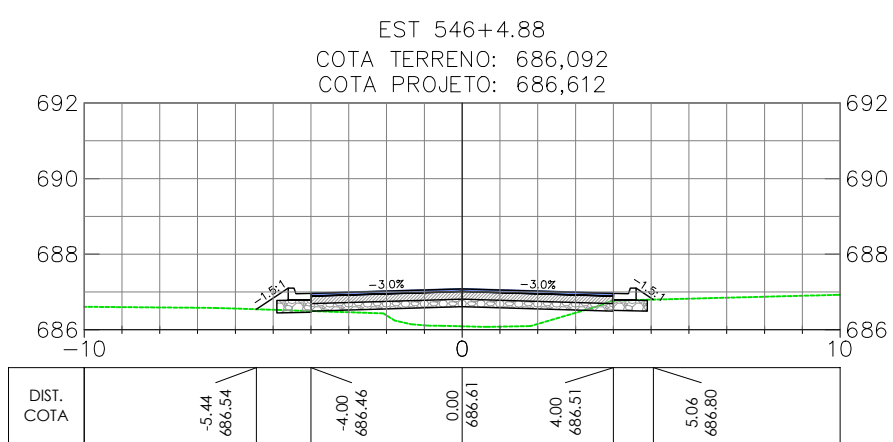
TÍTULO DOS DESENHOS: SEÇÕES TRANSVERSAIS - ANEL RODOVÁRIO (EST. 525+0.00 A EST. 546+0.00) SEÇÃO TIPO	PRANCHAS: 23/39
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DIREITOS AUTORAIS RESERVADOS: PROIBIDO REPRODUÇÃO, DIVULGAÇÃO OU ALTERAÇÃO SEM ORDEM EXPRESSA DO AUTOR.

TÍTULO DOS DESENHOS:  
PRJ-EXE-TER-PRD-ARO-0181-REV02



Anel Rodoviário



OBSERVAÇÕES

- OBSERVAÇÕES GERAIS:  
1 - MEDIDAS, COORDENADAS E ELEVÇÕES EM METRO, EXCETO ONDE INDICADO  
2 - PODERÃO OCORRER AJUSTES EM CAMPO QUANDO A EXECUÇÃO DA OBRA POR DETERMINAÇÃO DA PREFEITURA.

LEGENDA

- EIXO PROJETADO  
TERRENO NATURAL

REVISÃO	DESCRIÇÃO	TIPO	ELABORADO	VERIFICADO	DATA
00	EMIÇÃO INICIAL	EXE	GMT	LGR	15/09/2021
01	REVISÃO	EXE	CLP	LGR	04/02/2022
02	REVISÃO	EXE	IFT	LGR	09/08/2022

TIPOS DE EMISSÃO	ATP - ANTEPROJETO BSC - BÁSICO EXE - EXECUTIVO	APV - APROVADO PCT - P/ CONSTRUÇÃO ASB - "AS BUILT"	CNC - CANCELADO
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**OBJETIVA** OBJETIVA PROJETOS E SERVIÇOS  
ALAMEDA OSCAR NIEMAYER, Nº500, SALA 505 - VALE DO SERENO  
NOVA LIMA-MO - CEP: 34.008-056  
TEL.: (31) 3347-4405 / (31) 3347-7079 / (31) 3571-1920  
EMAIL: contata@grupoprojetosengenharia.com.br



PREFEITURA MUNICIPAL DE BOM DESPACHO

PRÇA RMA ALBUQUERQUE, Nº45 - CENTRO  
BOM DESPACHO-MG - CEP: 35.600-000  
TEL: 0800 285 3737

PROJETO DE INFRAESTRUTURA

ANEL RODOVÁRIO LIGAÇÃO ENTRE BR-262 E MG-164, BOM DESPACHO-MG

PROJETO DE TERRAPLENAGEM

AUTORIA DO PROJETO:	CONTRATANTE DO PROJETO:
JULIANA GONÇALVES OLIVEIRA CREA MG - 239787/D	RESPONSÁVEL DA CONTRATANTE

DATA: JULHO/2022	ESCALA: 1:200	CÓDIGO: PRJ-TER
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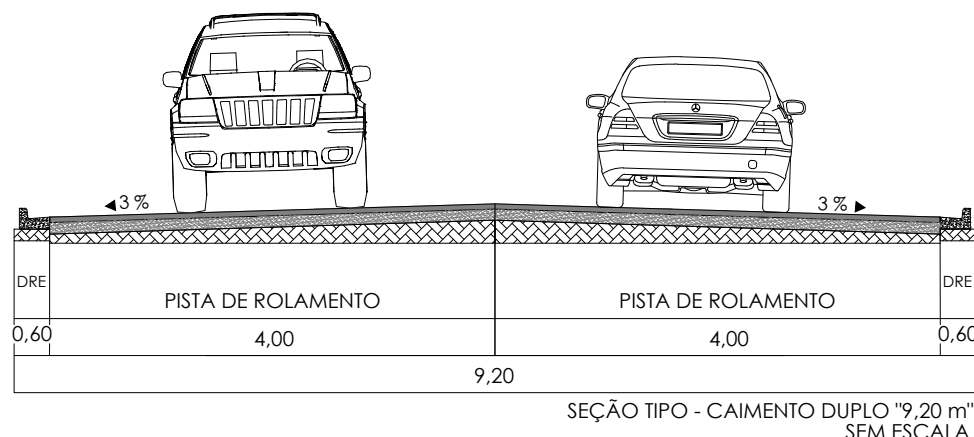
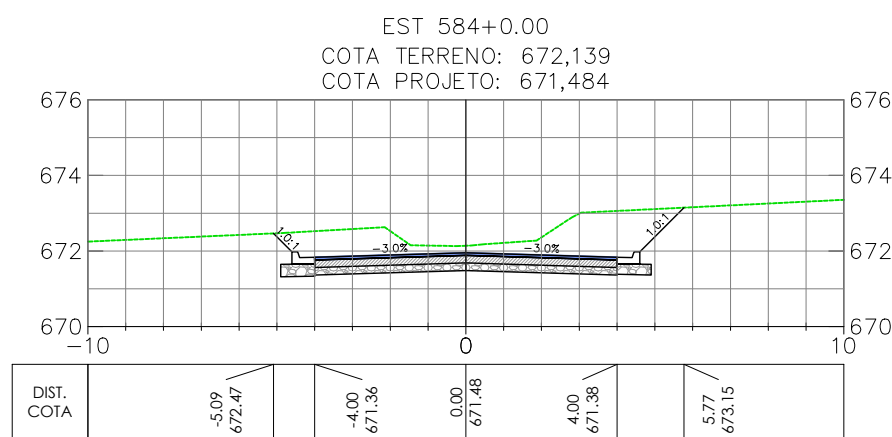
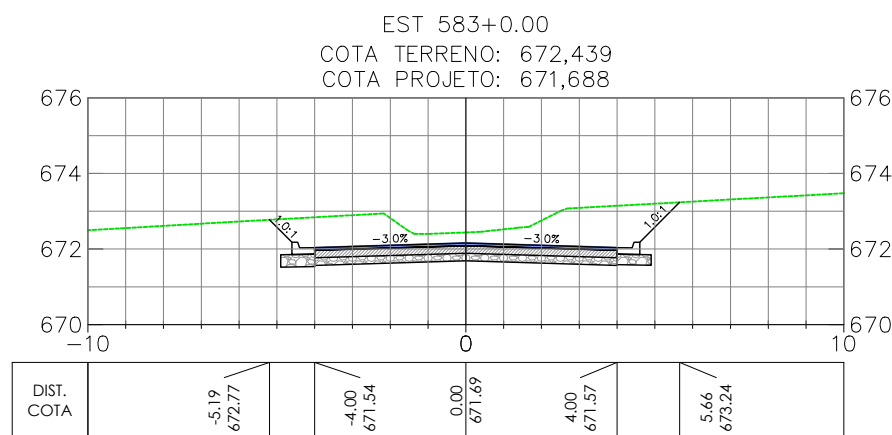
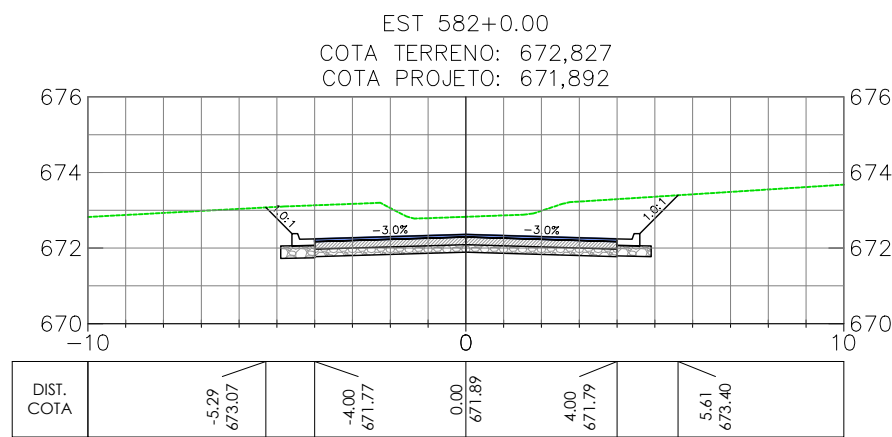
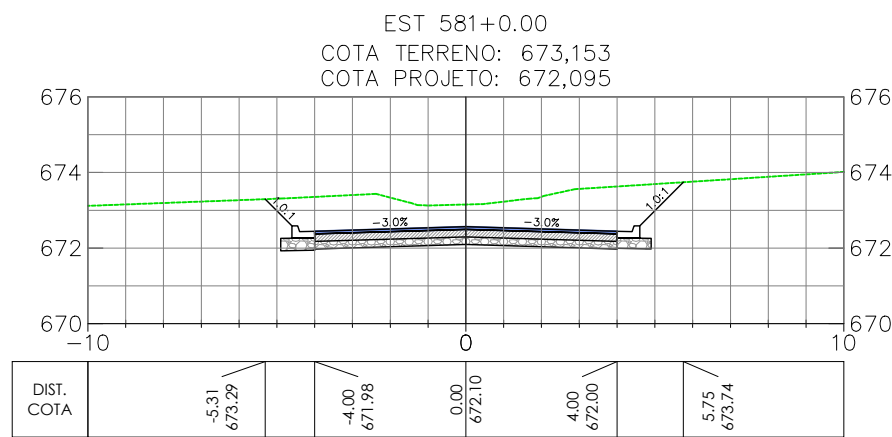
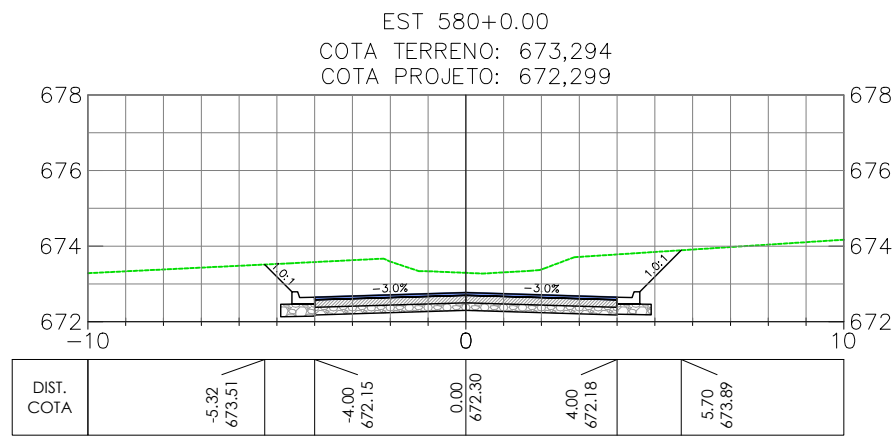
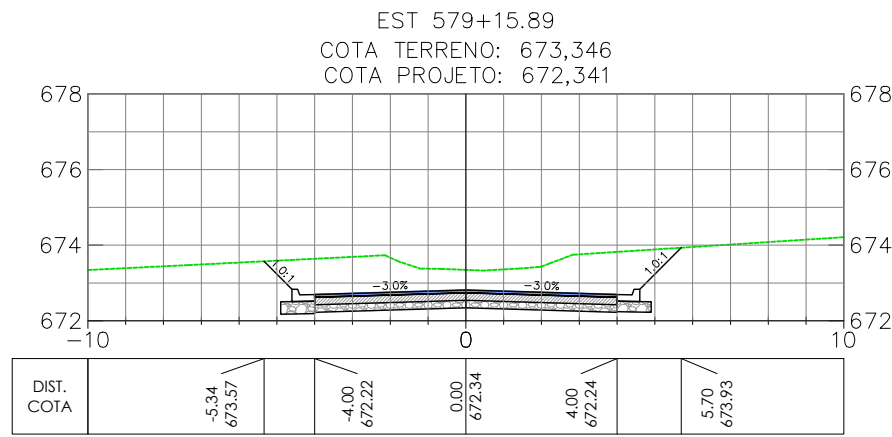
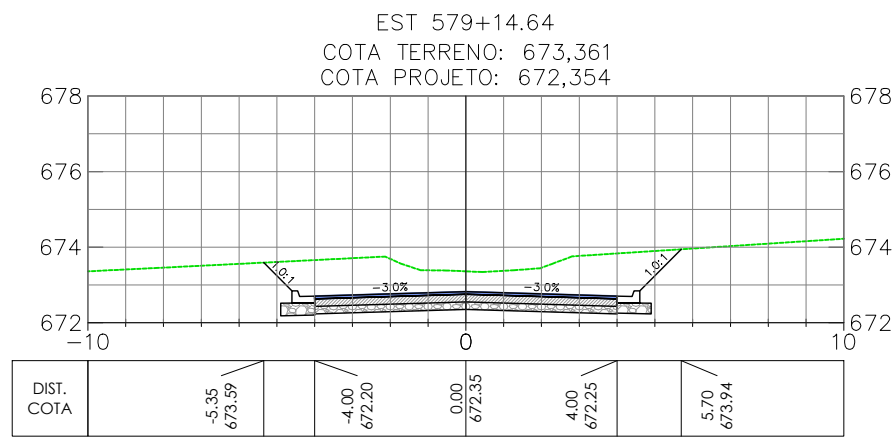
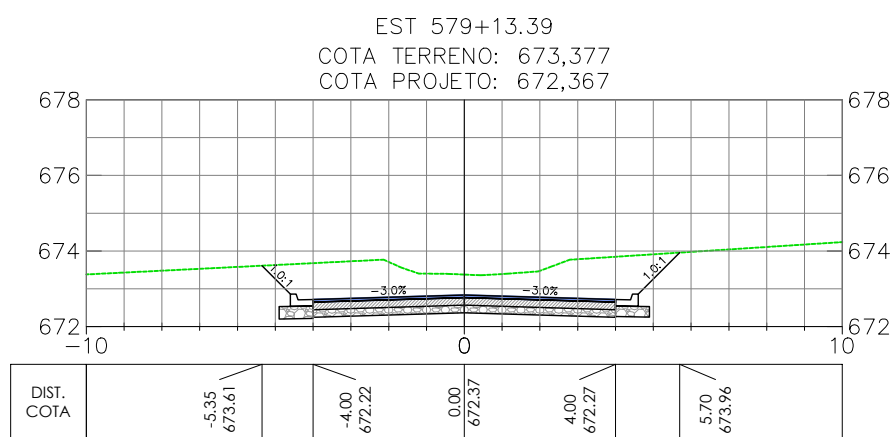
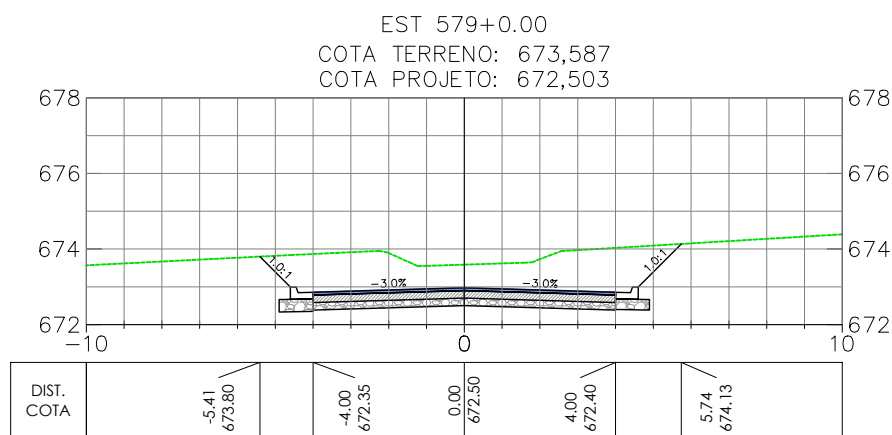
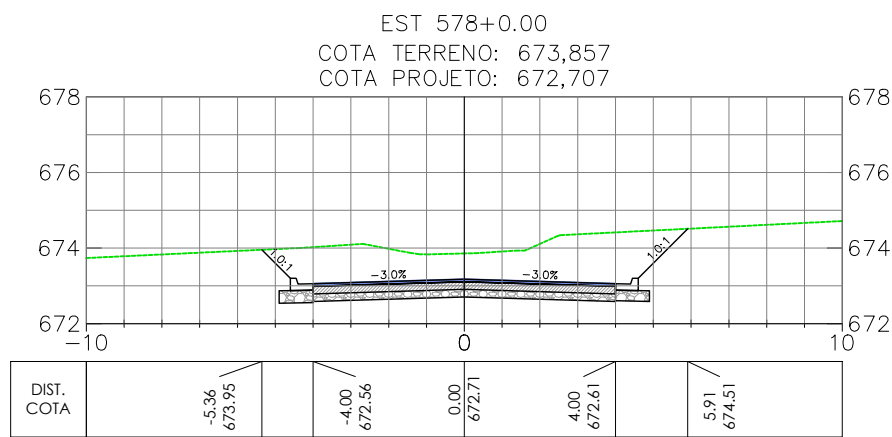
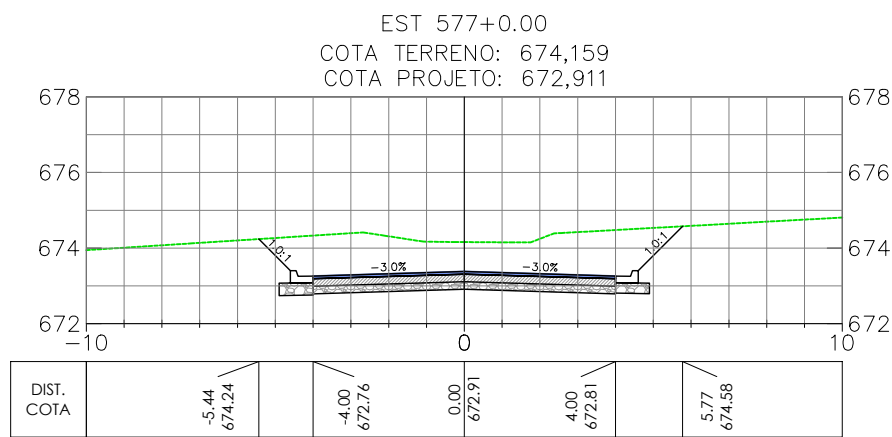
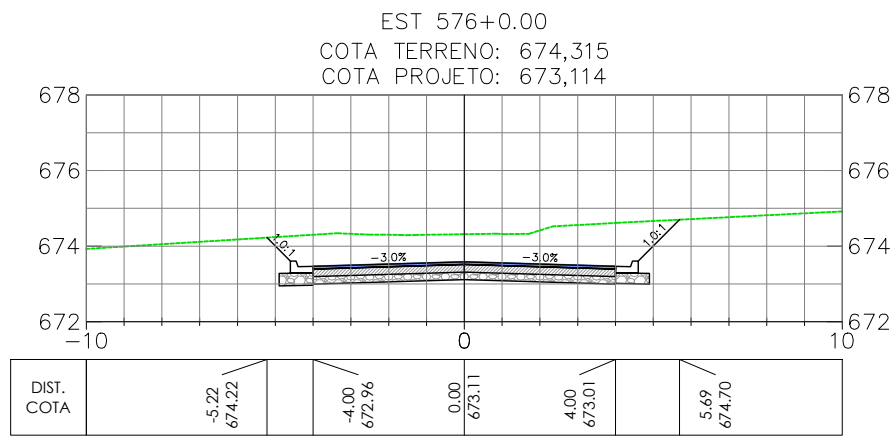
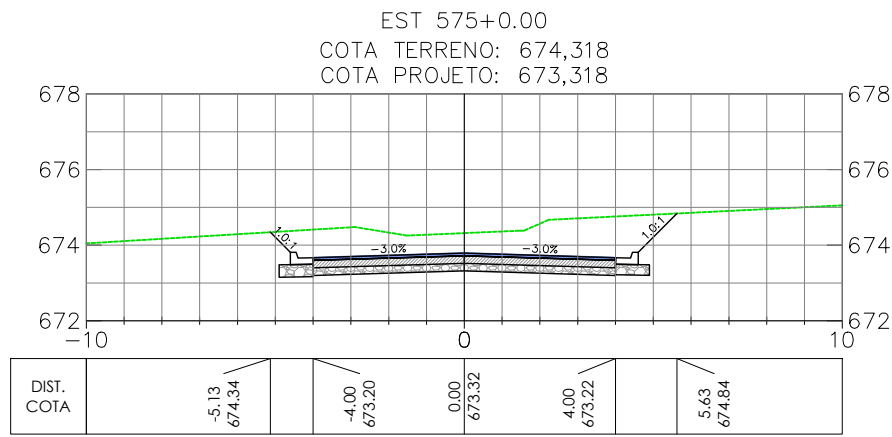
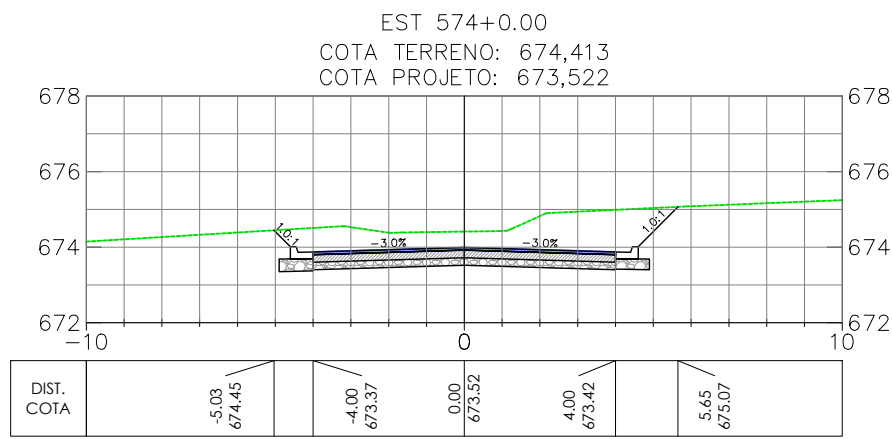
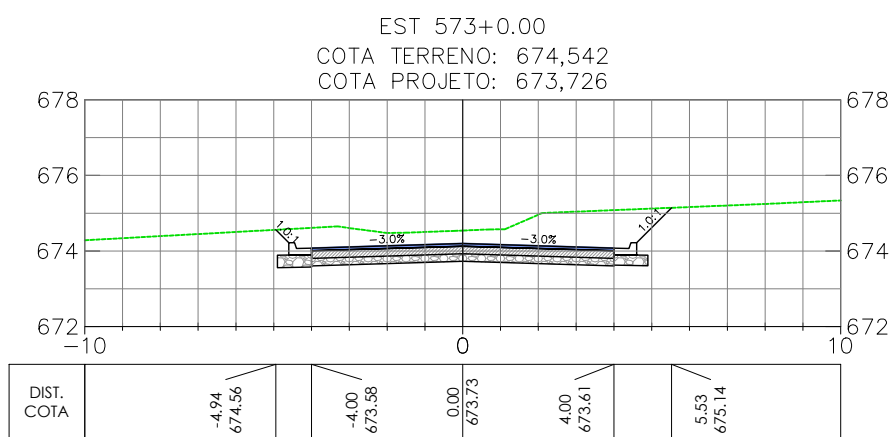
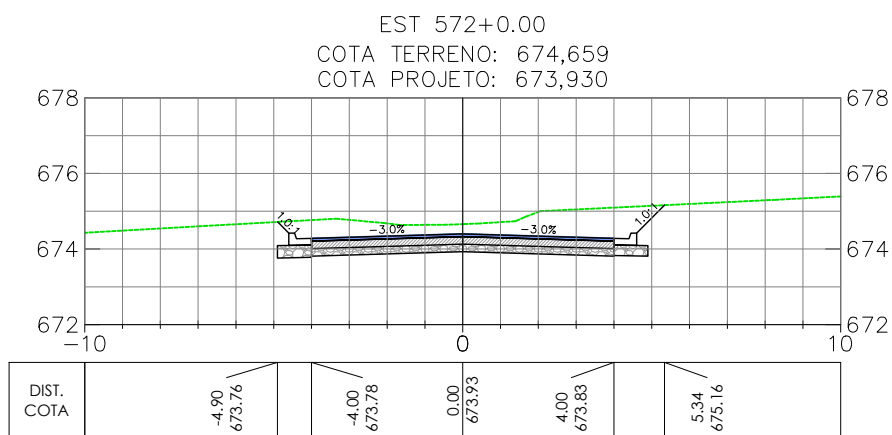
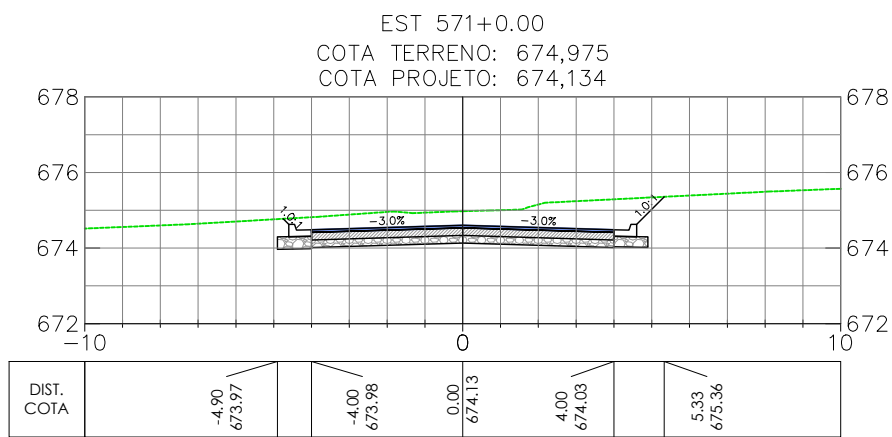
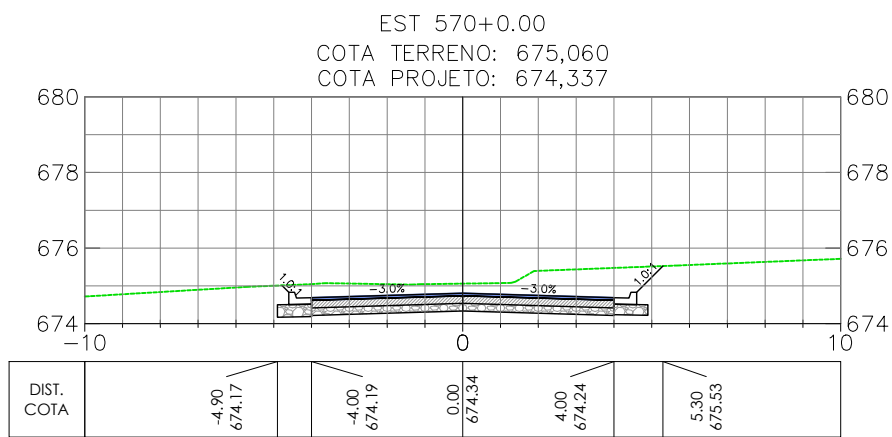
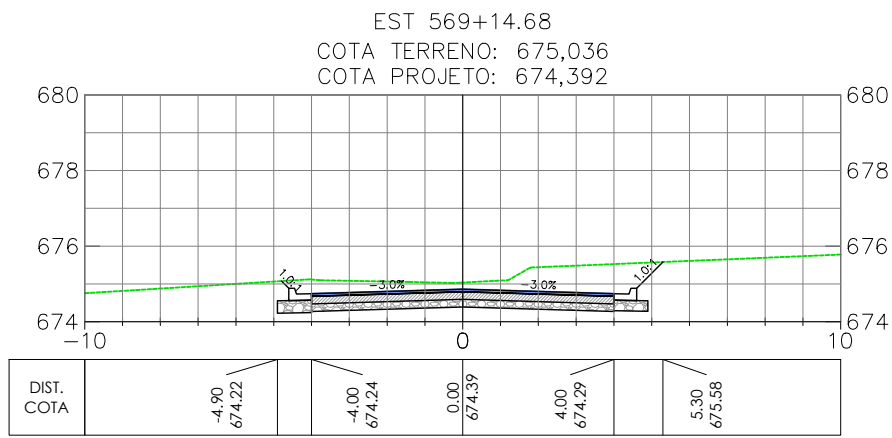
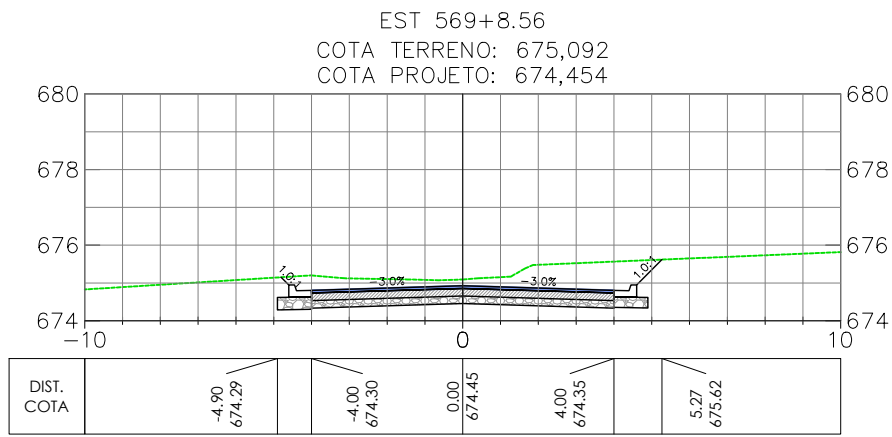
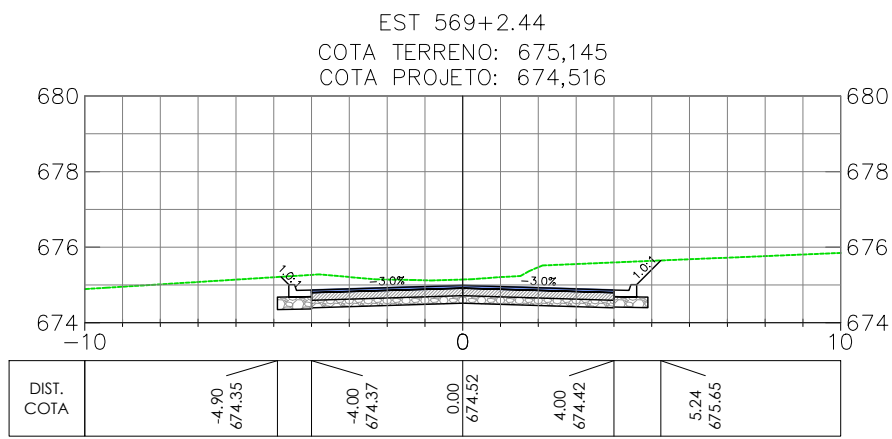
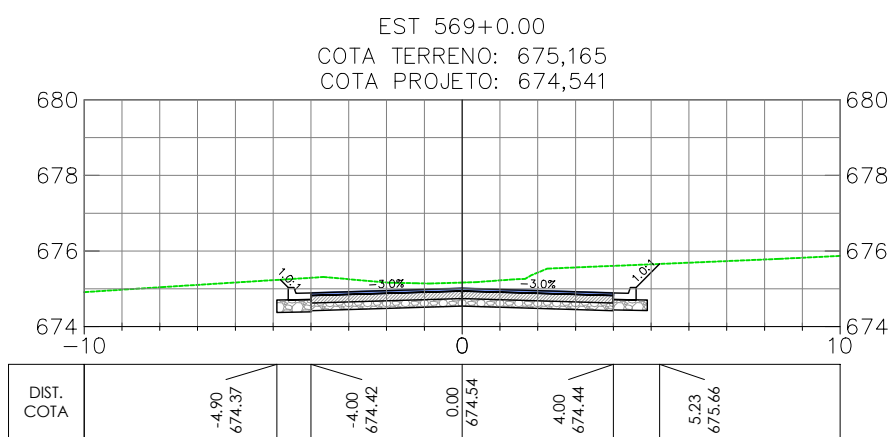
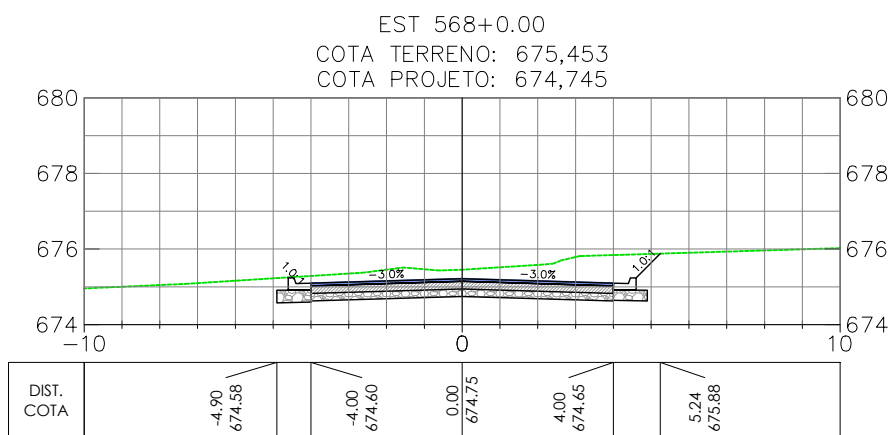
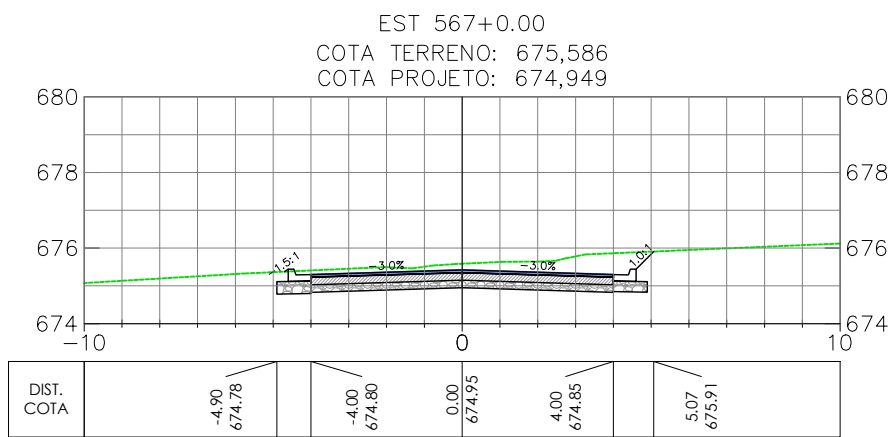
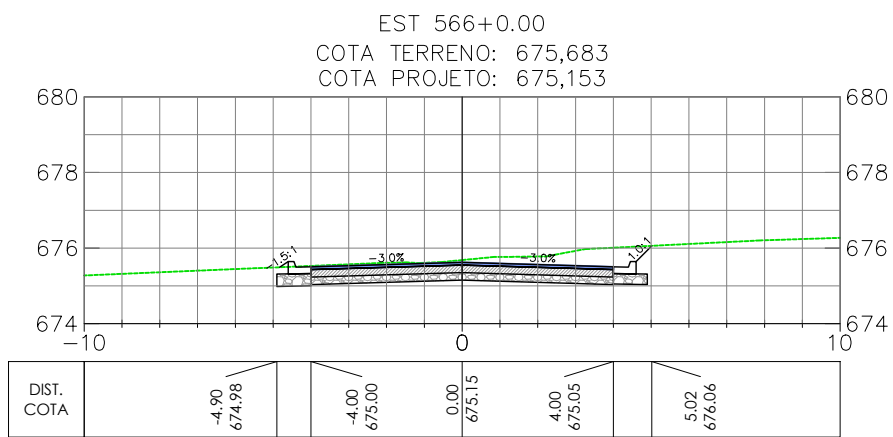
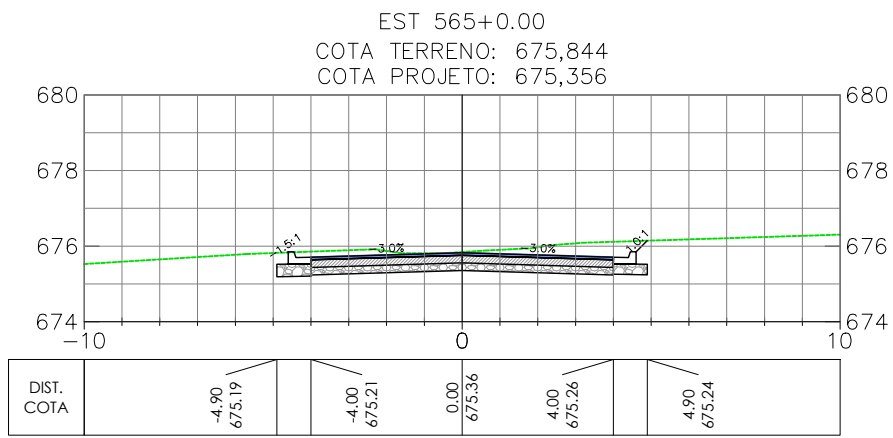
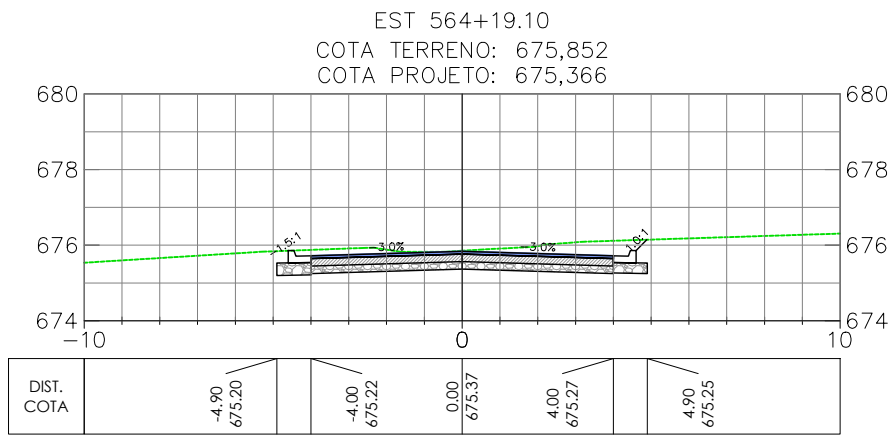
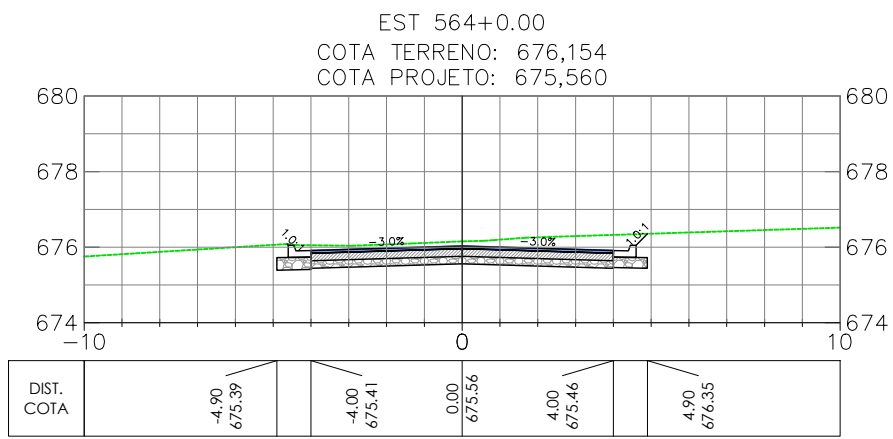
TÍTULO DOS DESENHOS:  
SEÇÕES TRANSVERSAIS - ANEL RODOVÁRIO (EST. 546+4.88 A EST. 563+15.15)  
SEÇÃO TIPO

DIREITOS AUTORAIS RESERVADOS: PROIBIDO REPRODUÇÃO, DIVULGAÇÃO OU ALTERAÇÃO SEM ORDEM EXPRESSA DO AUTOR.

TÍTULO DOS DESENHOS:  
PRJ-EXE-TER-PRD-ARO-0181-REV02



Anel Rodoviário



OBSERVAÇÕES

- OBSERVAÇÕES GERAIS:
- 1 - MEDIDAS, COORDENADAS E ELEVÇÕES EM METRO, EXCETO ONDE INDICADO
  - 2 - PODERÃO OCORRER AJUSTES EM CAMPO QUANDO A EXECUÇÃO DA OBRA POR DETERMINAÇÃO DA PREFEITURA.

LEGENDA

- EIXO PROJETADO  
TERRENO NATURAL

REVISÃO	DESCRIÇÃO	TIPO	ELABORADO	VERIFICADO	DATA
00	EMIÇÃO INICIAL	EXE	GMT	LGR	15/09/2021
01	REVISÃO	EXE	CLP	LGR	04/02/2022
02	REVISÃO	EXE	IFT	LGR	09/08/2022

TIPOS DE EMISSÃO	ATP - ANTEPROJETO BSC - BÁSICO EXE - EXECUTIVO	APV - APROVADO PCT - P/ CONSTRUÇÃO ASB - "AS BUILT"	CNC - CANCELADO
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**OBJETIVA** OBJETIVA PROJETOS E SERVIÇOS

ALAMEDA OSCAR NIEMAYER, Nº500, SALA 505 - VALE DO SERENO  
NOVA LIMA-MO - CEP: 34.006-056  
TEL.: (31) 3347-4405 / (31) 3347-7079 / (31) 3571-1920  
EMAIL: contata@grupoprojetosengenharia.com.br

**PREFEITURA MUNICIPAL DE BOM DESPACHO**

PRÇA RMA ALBUQUERQUE, Nº45 - CENTRO  
BOM DESPACHO-MG - CEP: 35.600-000  
TEL: 0800 265 9797

PROJETO DE INFRAESTRUTURA

ANEL RODOVIÁRIO LIGAÇÃO ENTRE BR-262 E MG-164, BOM DESPACHO-MG

PROJETO DE TERRAPLENAGEM

AUTORIA DO PROJETO:	CONTRATANTE DO PROJETO:
JULIANA GONÇALVES OLIVEIRA CREA MG - 239787/D	RESPONSÁVEL DA CONTRATANTE

DATA: JULHO/2022	ESCALA: 1:200	CÓDIGO: PRJ-TER
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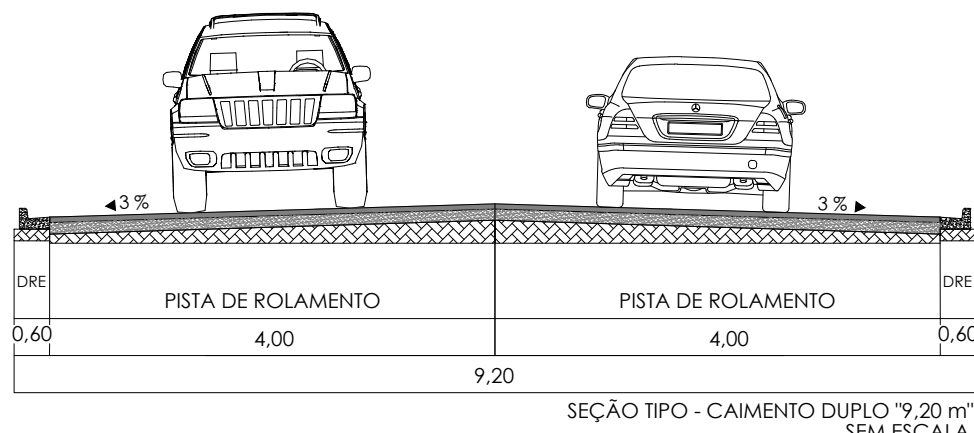
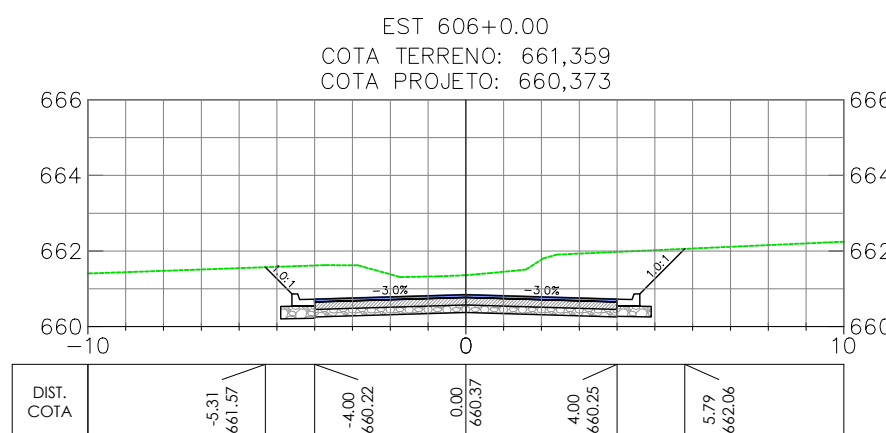
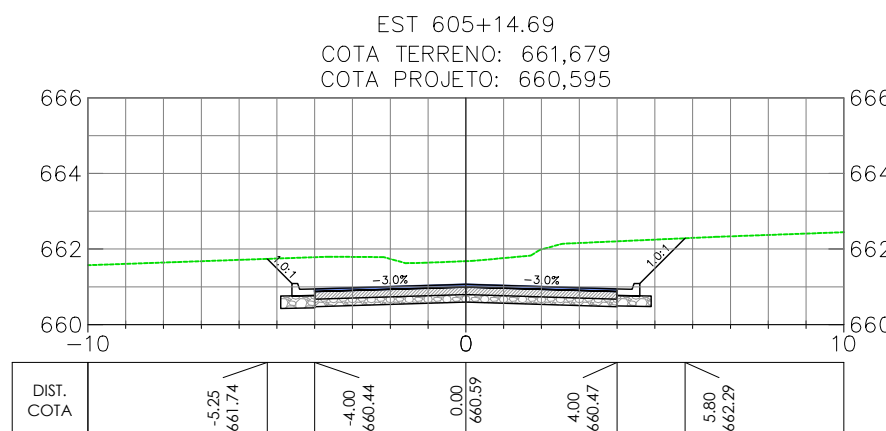
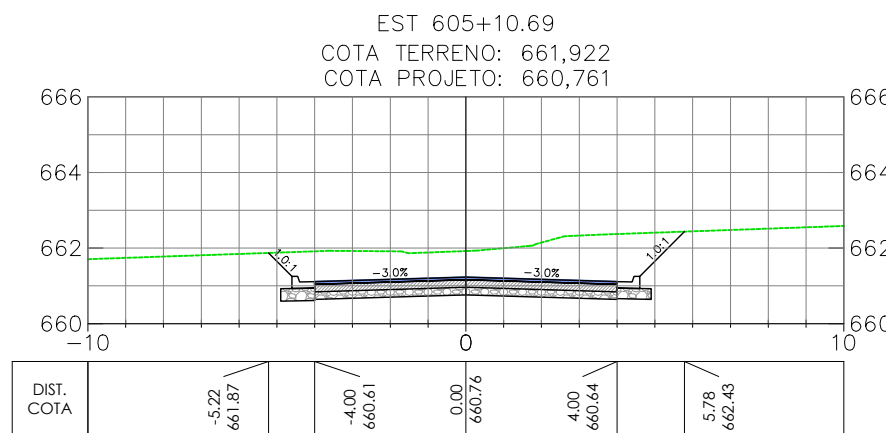
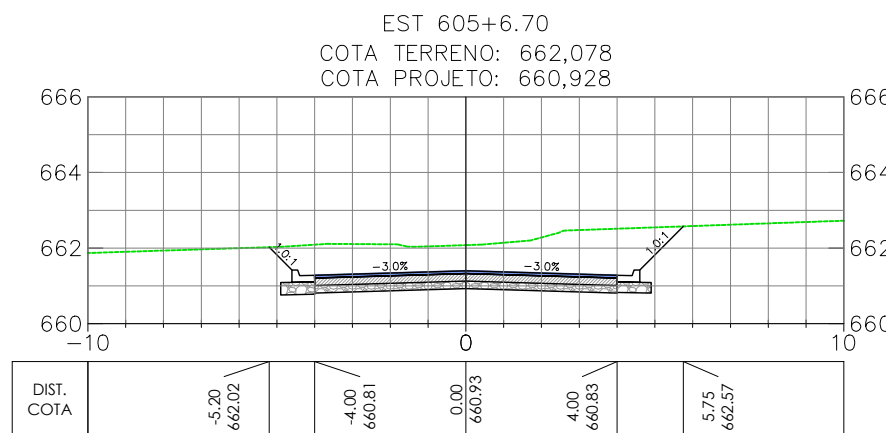
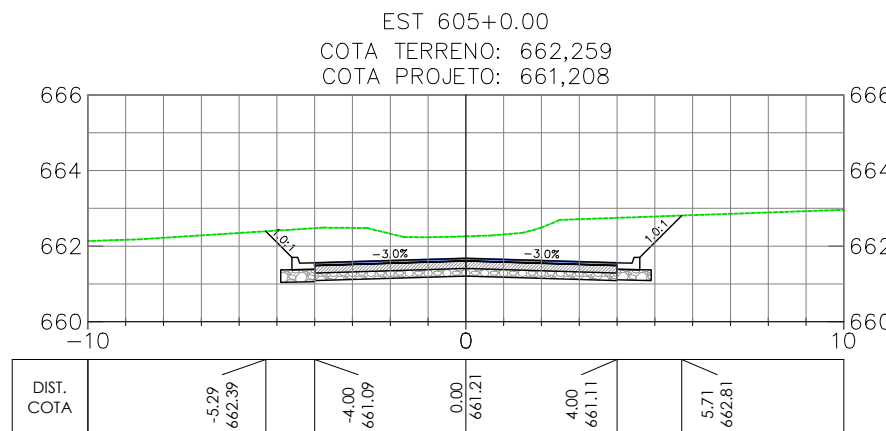
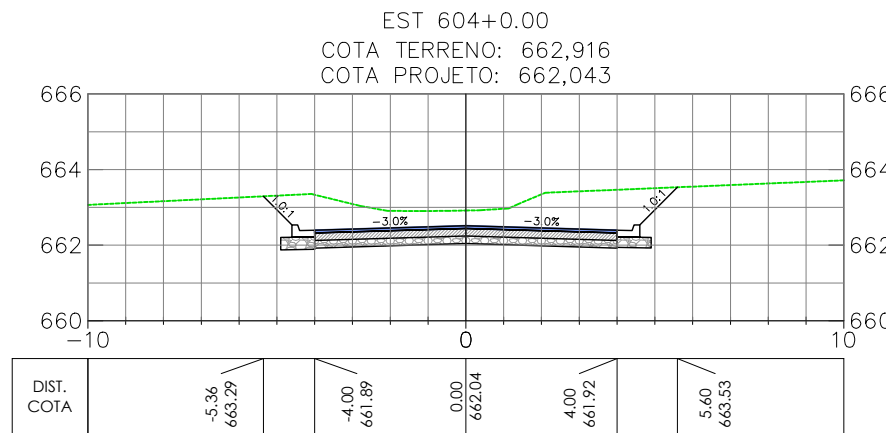
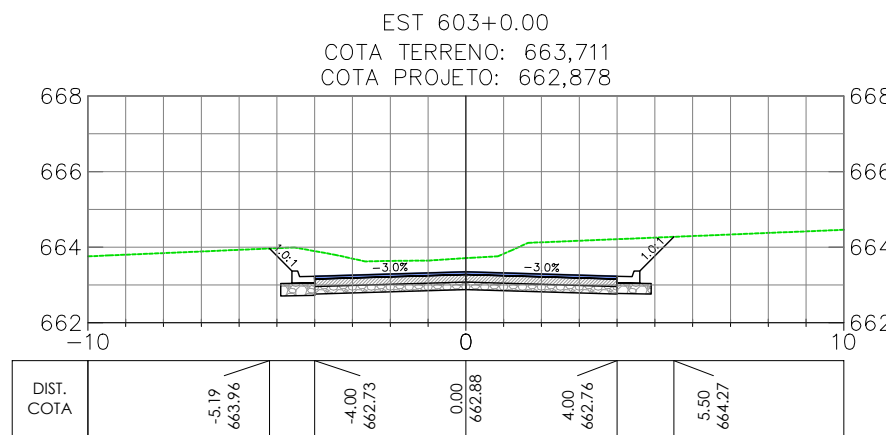
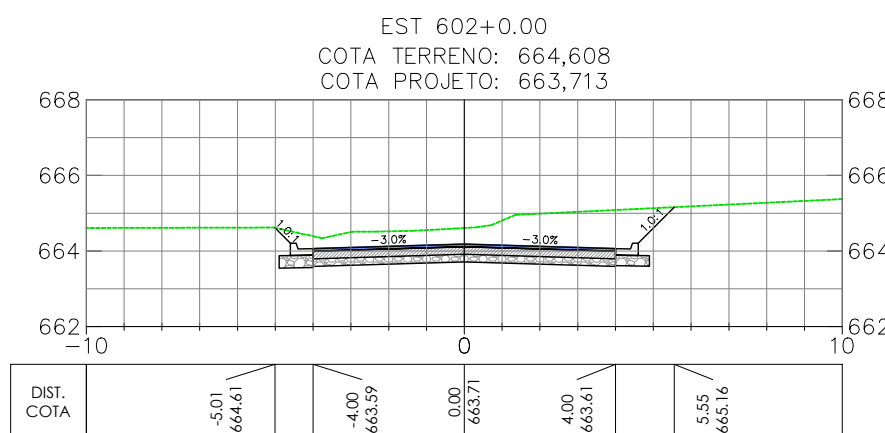
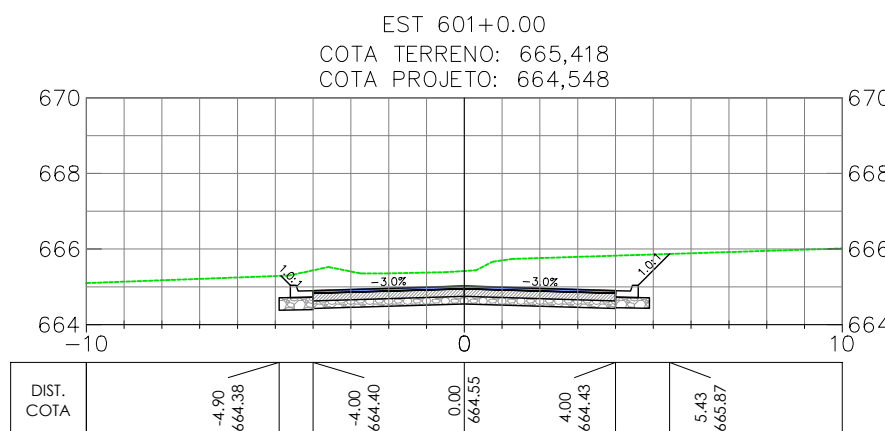
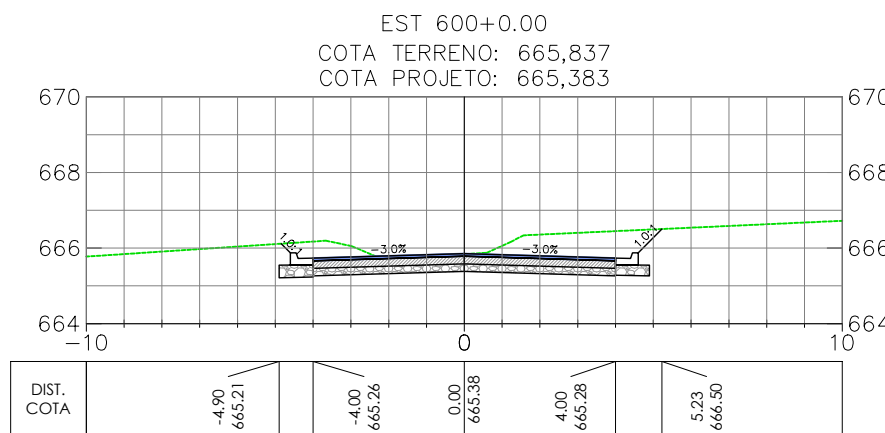
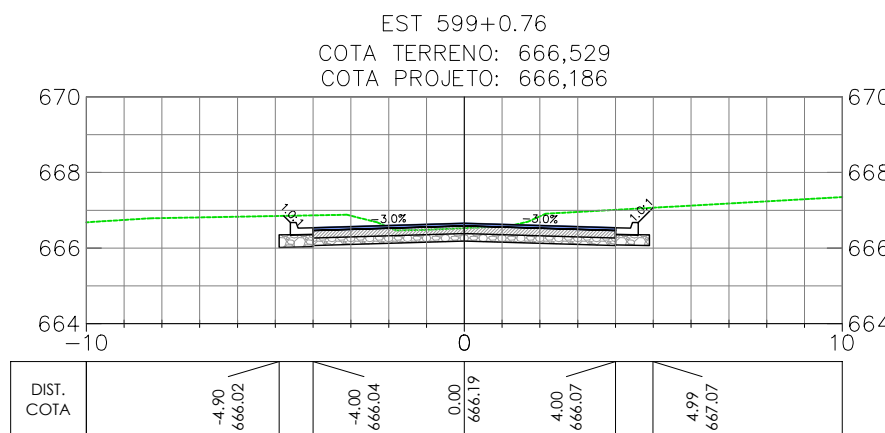
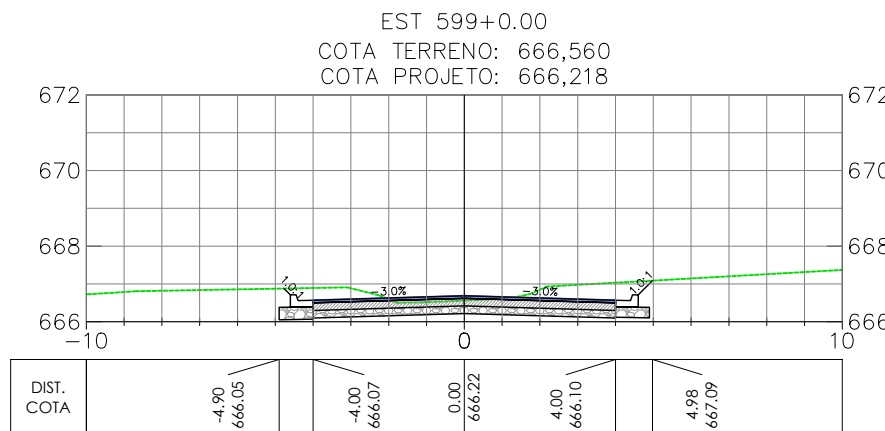
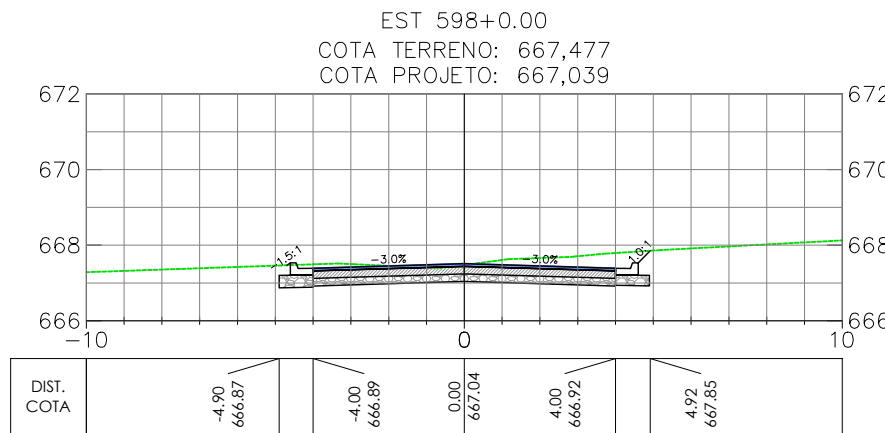
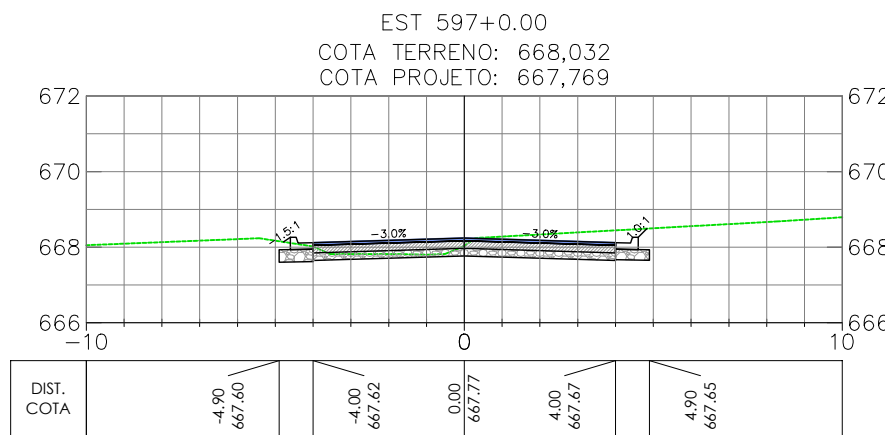
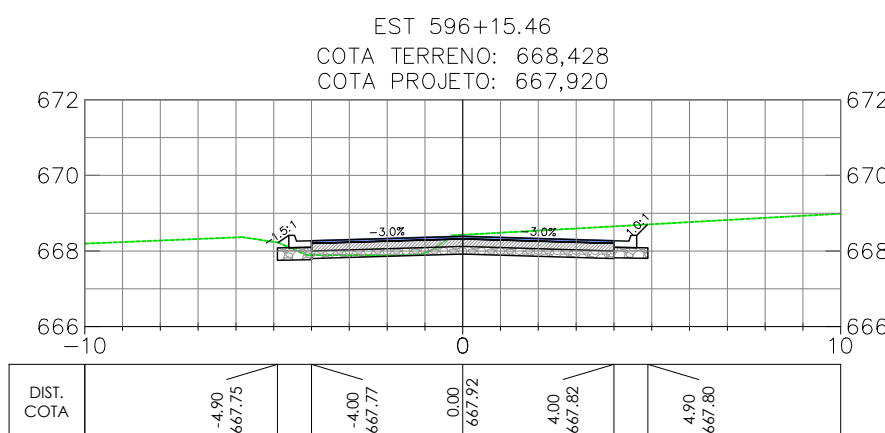
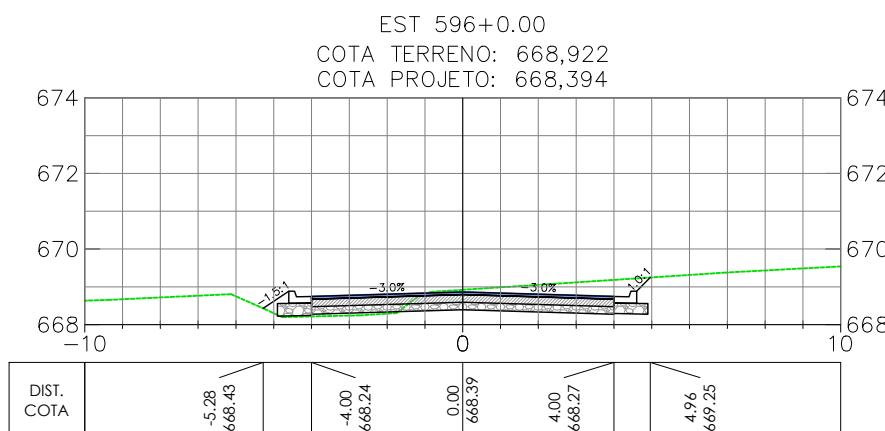
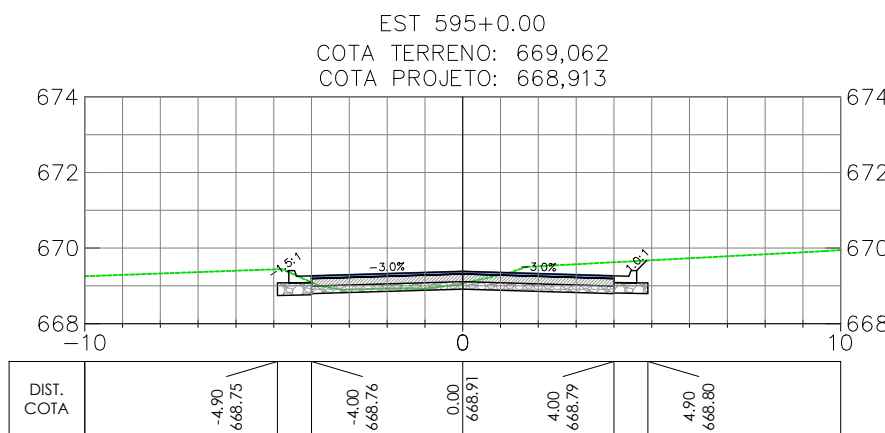
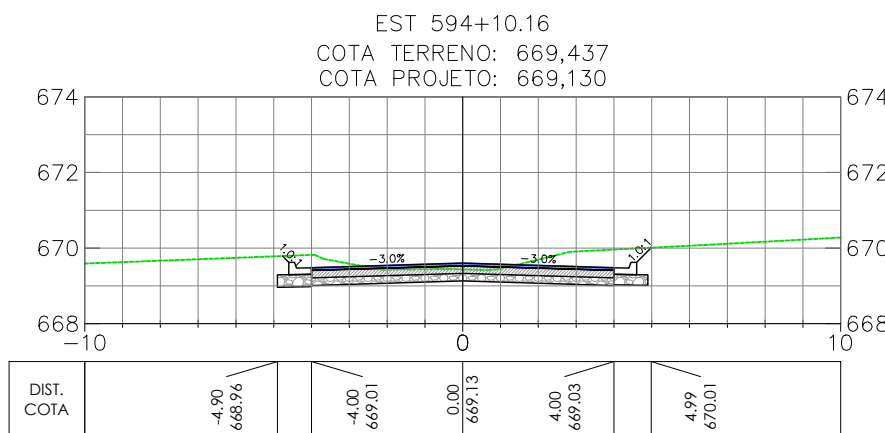
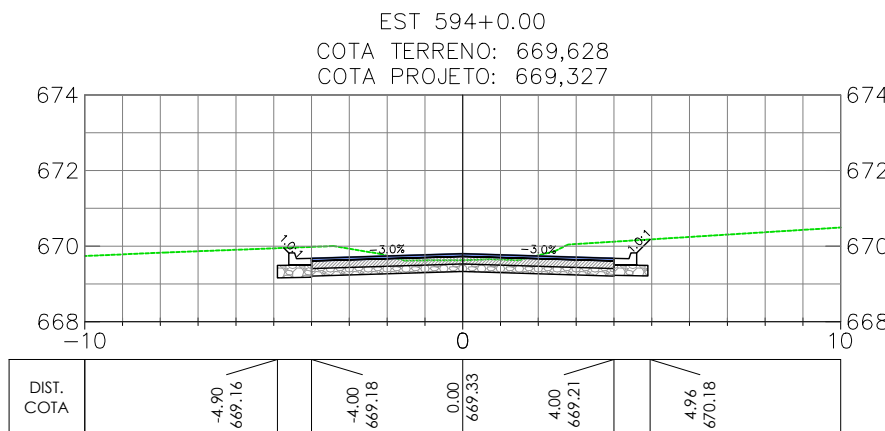
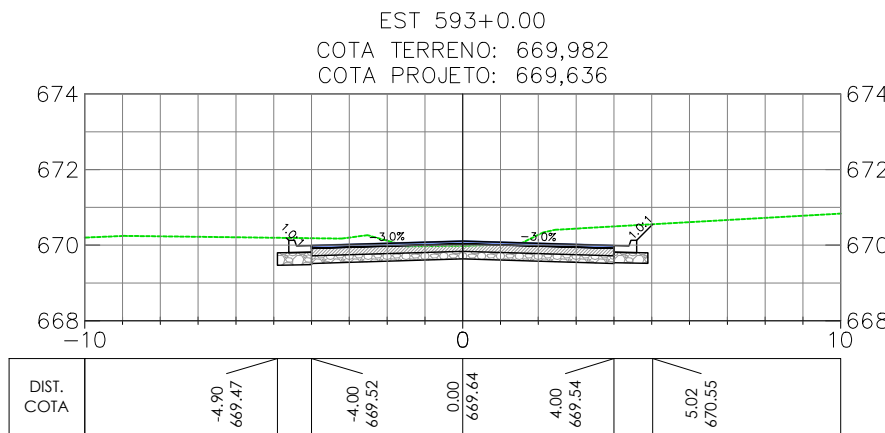
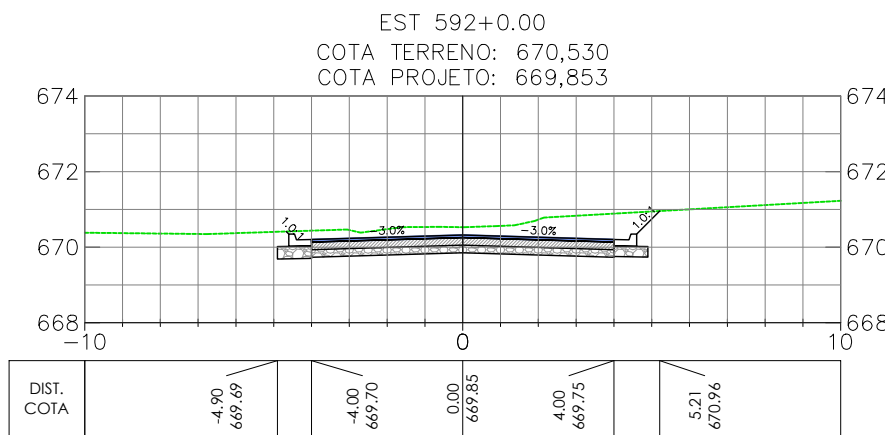
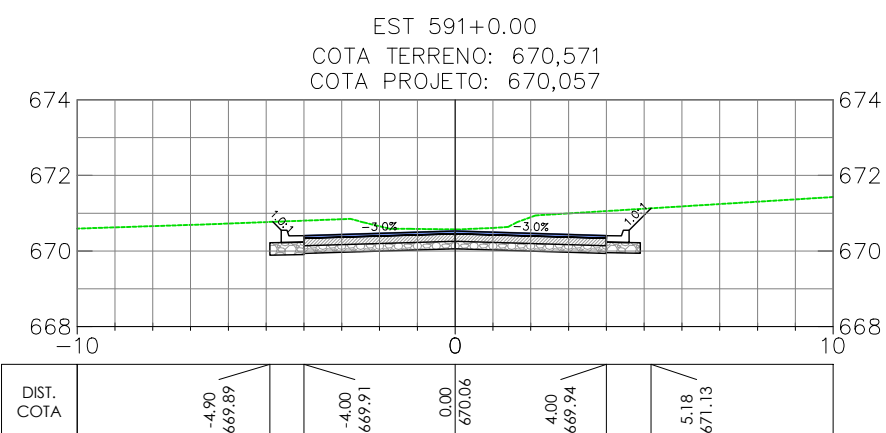
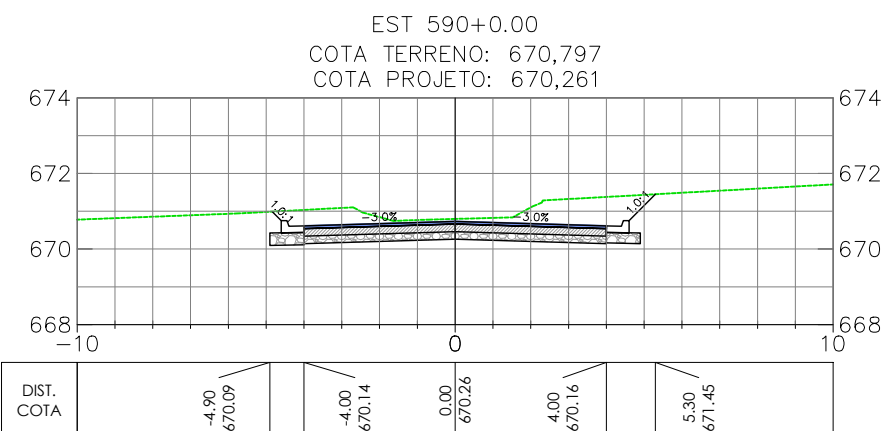
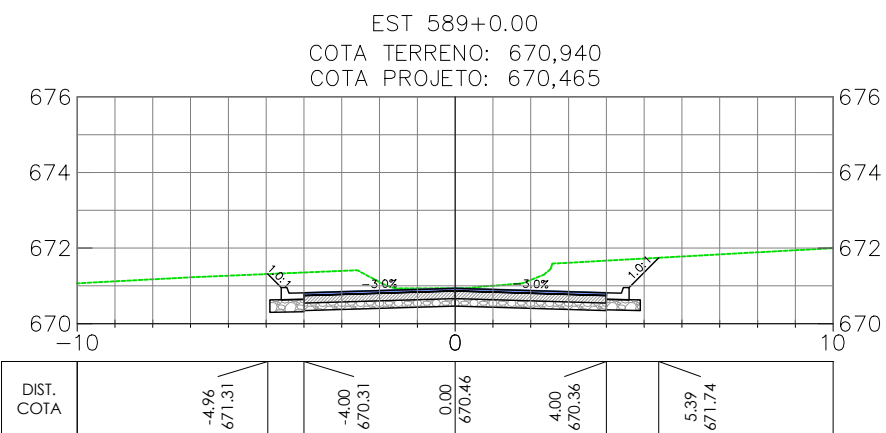
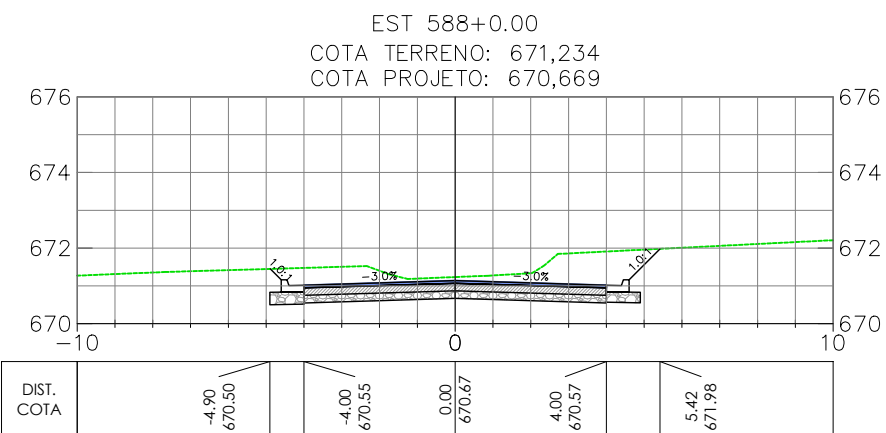
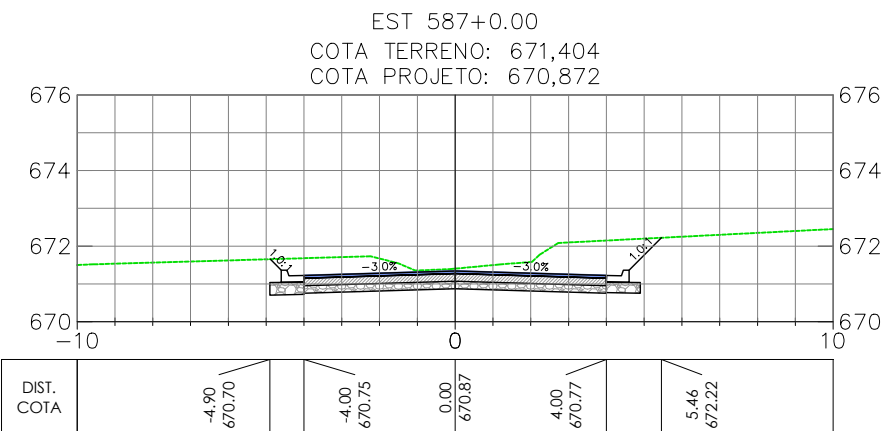
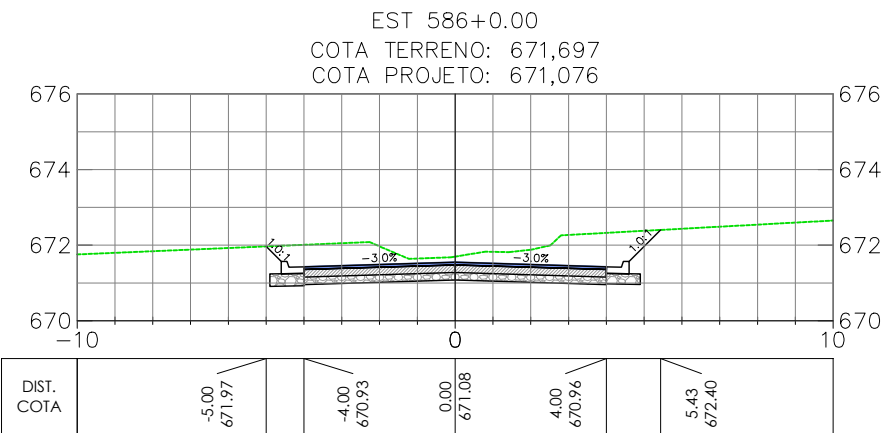
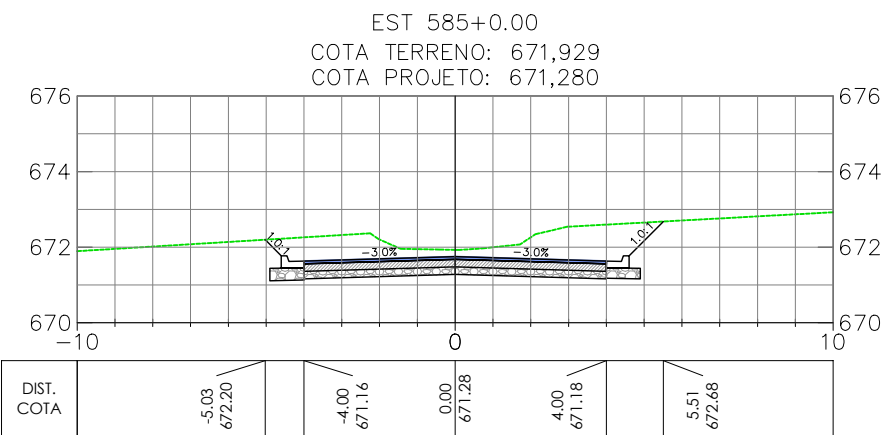
TÍTULO DOS DESENHOS: SEÇÕES TRANSVERSAIS - ANEL RODOVIÁRIO (EST. 564+0.00 A EST. 584+0.00) SEÇÃO TIPO	PRINCHA: 25/39
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DIREITOS AUTORAIS RESERVADOS: PROIBIDO REPRODUÇÃO, DIVULGAÇÃO OU ALTERAÇÃO SEM ORDEM EXPRESSA DO AUTOR.

TÍTULO DOS DESENHOS:  
PRJ-EXE-TER-PRD-ARD-0181-REV02



Anel Rodoviário



OBSERVAÇÕES

- OBSERVAÇÕES GERAIS:
- 1 - MEDIDAS, COORDENADAS E ELEVÇÕES EM METRO, EXCETO ONDE INDICADO
  - 2 - PODERÃO OCORRER AJUSTES EM CAMPO QUANDO A EXECUÇÃO DA OBRA POR DETERMINAÇÃO DA PREFEITURA.

LEGENDA

- EIXO PROJETADO  
TERRENO NATURAL

REVISÃO	DESCRIÇÃO	TIPO	ELABORADO	VERIFICADO	DATA
00	EMIÇÃO INICIAL	EXE	GMT	LGR	15/09/2021
01	REVISÃO	EXE	CLP	LGR	04/02/2022
02	REVISÃO	EXE	IFT	LGR	09/08/2022

TIPOS DE EMISSÃO	ATP - ANTEPROJETO BSC - BÁSICO EXE - EXECUTIVO	APV - APROVADO PCT - P/ CONSTRUÇÃO ASB - "AS BUILT"	CNC - CANCELADO
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**OBJETIVA** OBJETIVA PROJETOS E SERVIÇOS

ALAMEDA OSCAR NIEMAYER, Nº500, SALA 505 - VALE DO SERENO  
NOVA LIMA-MO - CEP: 34.006-056  
TEL.: (31) 3347-4405 / (31) 3347-7079 / (31) 3571-1920  
EMAIL: contata@grupoprojetosengenharia.com.br

**PREFEITURA MUNICIPAL DE BOM DESPACHO**

PRÇA RMA ALBUQUERQUE, Nº45 - CENTRO  
BOM DESPACHO-MG - CEP: 35.600-000  
TEL: 0800 285 3737

PROJETO DE INFRAESTRUTURA

ANEL RODOVÁRIO LIGAÇÃO ENTRE BR-262 E MG-164, BOM DESPACHO-MG

PROJETO DE TERRAPLENAGEM

AUTORIA DO PROJETO:	CONTRATANTE DO PROJETO:
JULIANA GONÇALVES OLIVEIRA CREA MG - 239787/D	RESPONSÁVEL DA CONTRATANTE

DATA: JULHO/2022	ESCALA: 1:200	CÓDIGO: PRJ-TER
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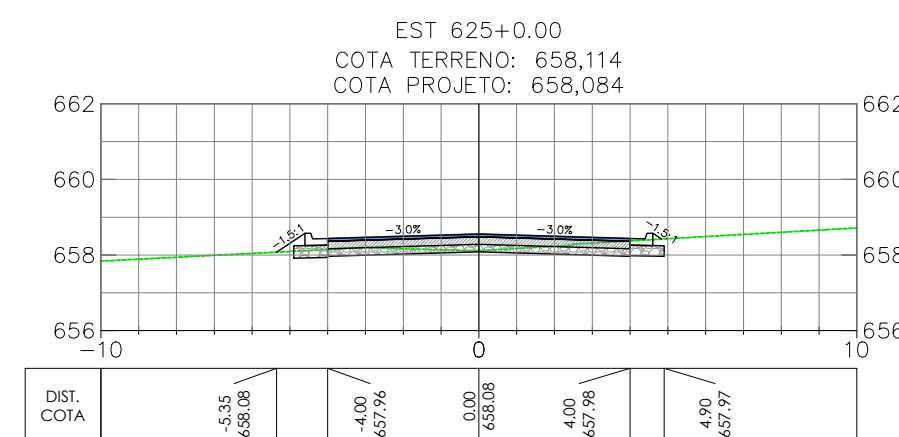
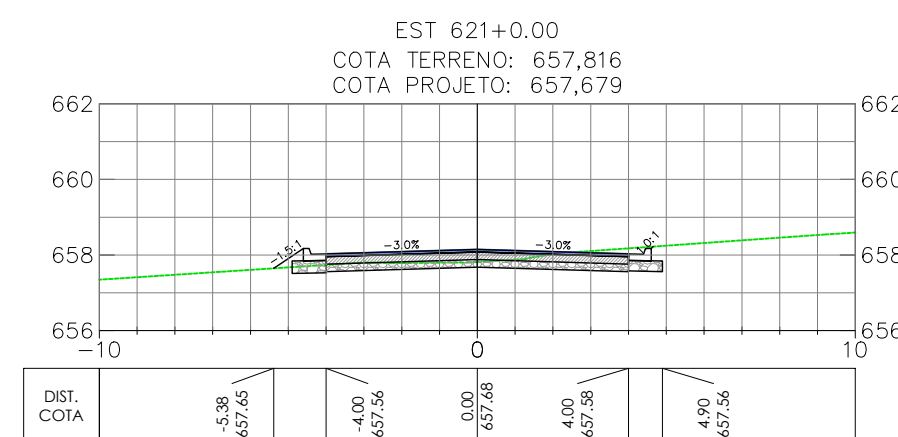
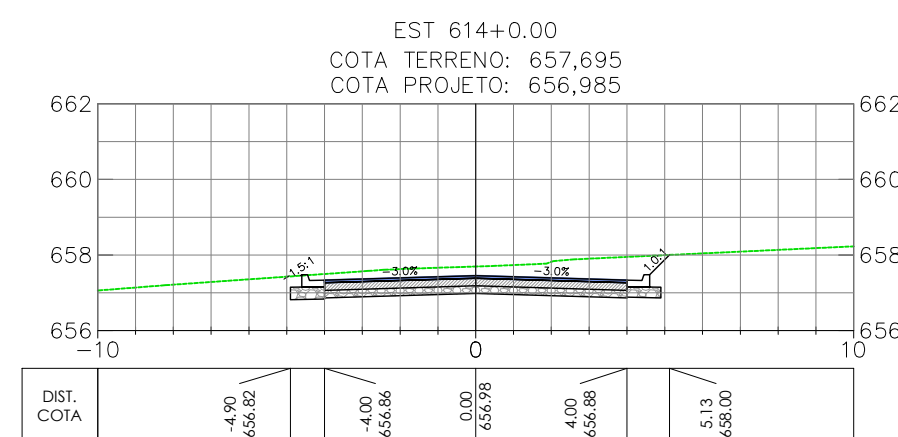
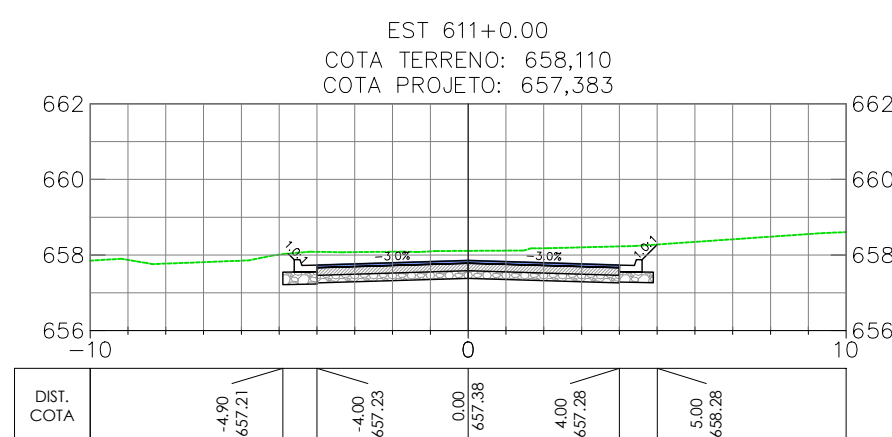
TÍTULO DOS DESENHOS: SEÇÕES TRANSVERSAIS - ANEL RODOVÁRIO (EST. 585+0.00 A EST. 606+0.00) SEÇÃO TIPO	PRANCHAS: 26/39
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DIREITOS AUTORAIS RESERVADOS: PROIBIDO REPRODUÇÃO, DIVULGAÇÃO OU ALTERAÇÃO SEM ORDEM EXPRESSA DO AUTOR.

TÍTULO DOS DESENHOS:  
PRJ-EXE-TER-P80-ARO-0181-REV02



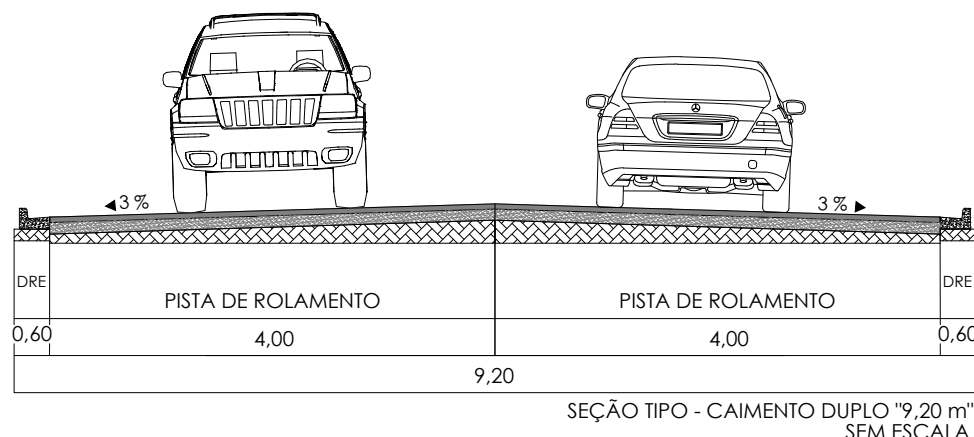
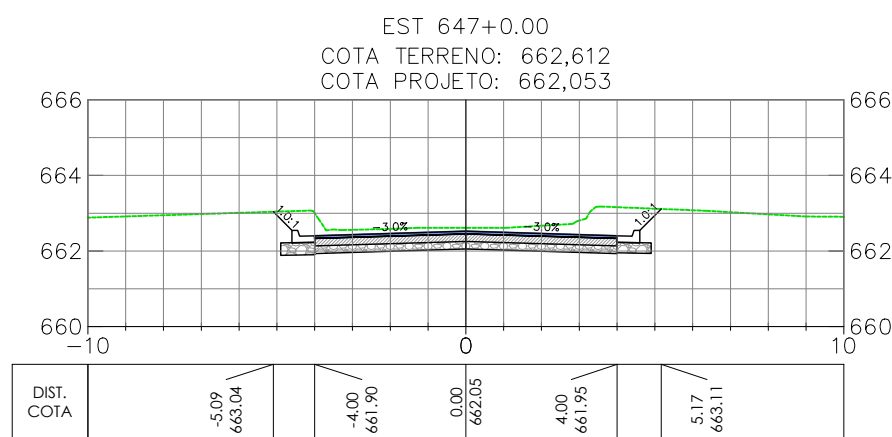
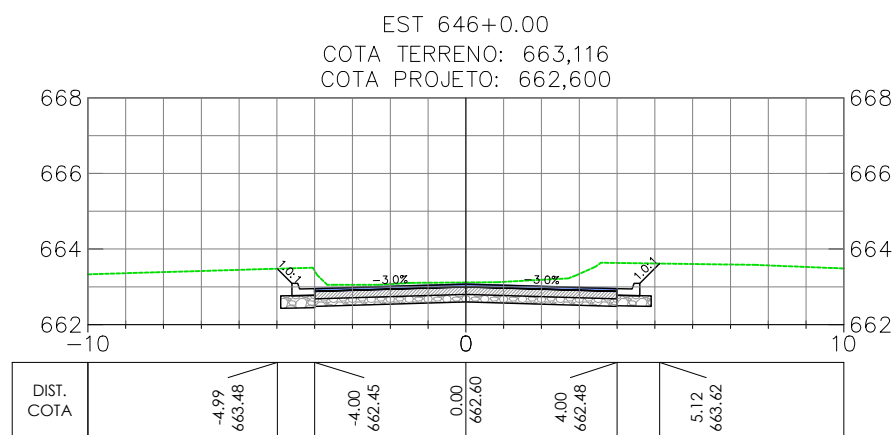
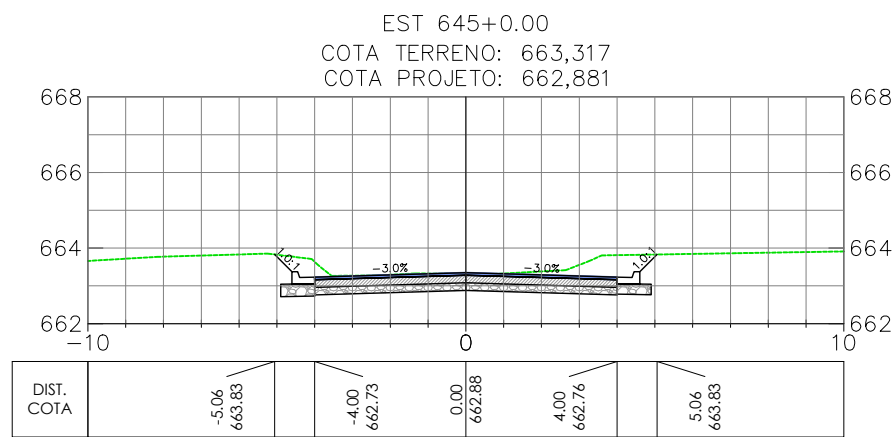
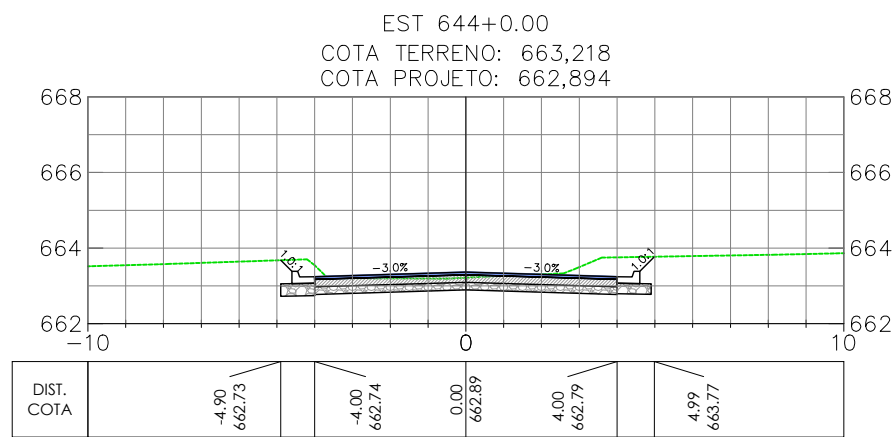
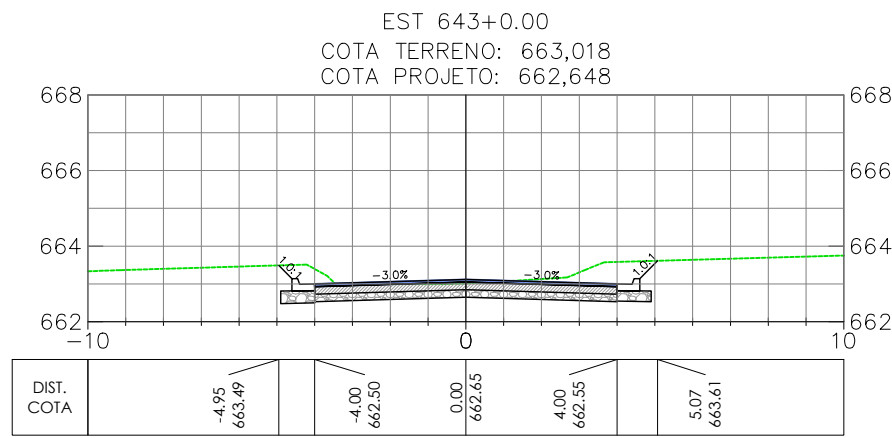
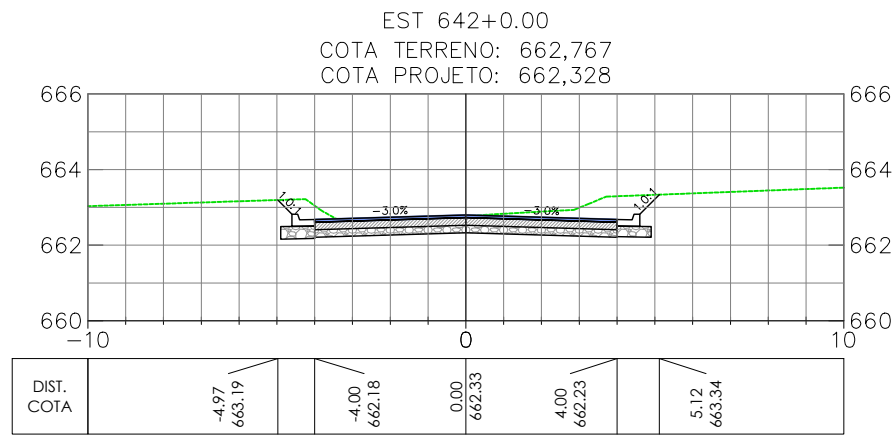
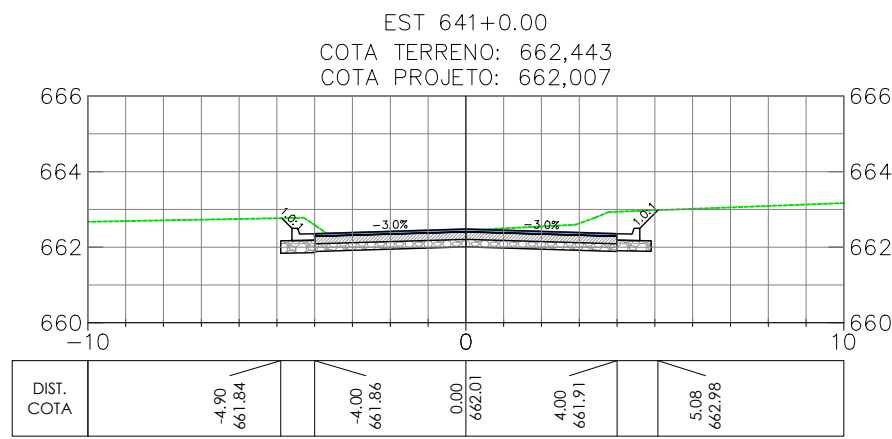
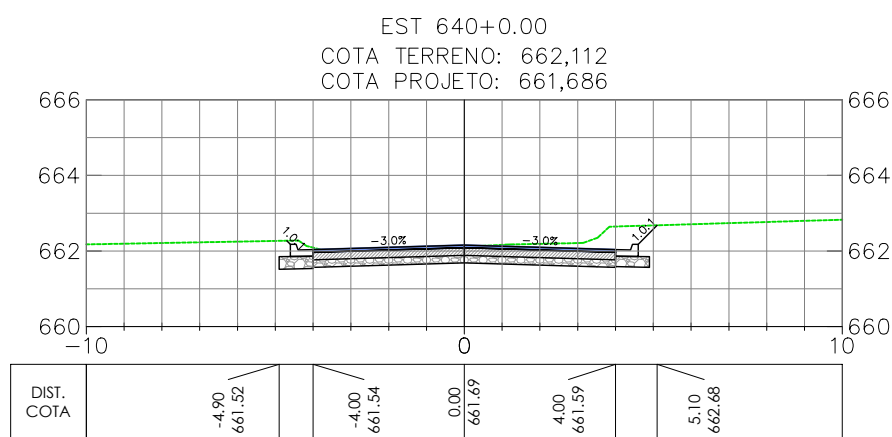
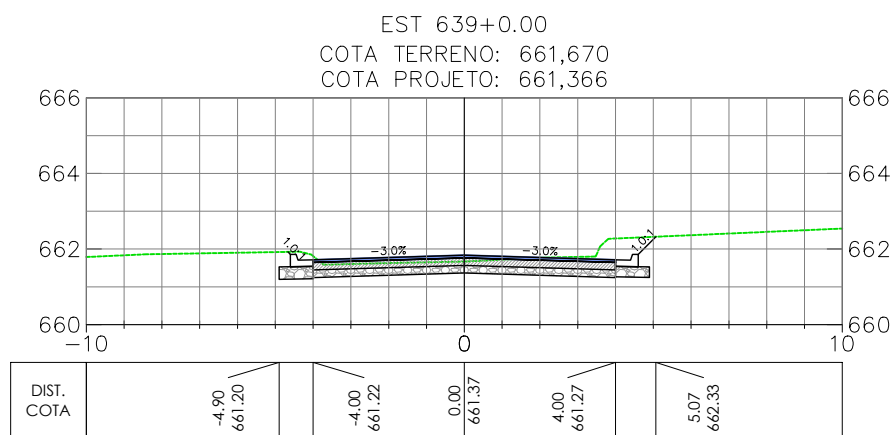
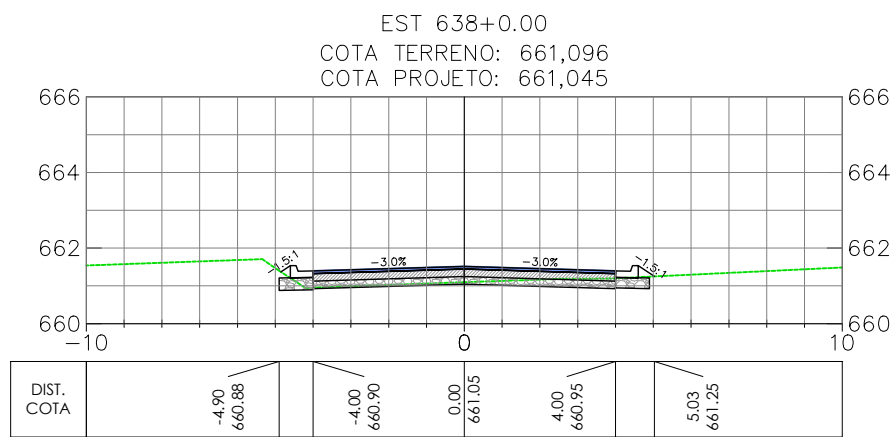
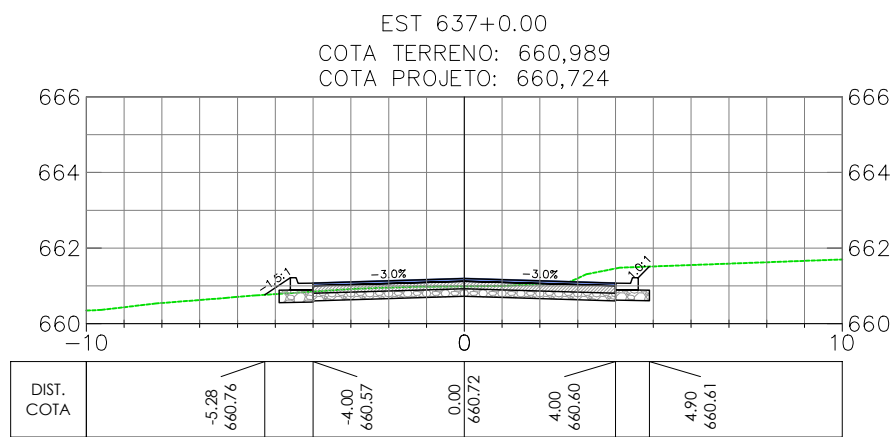
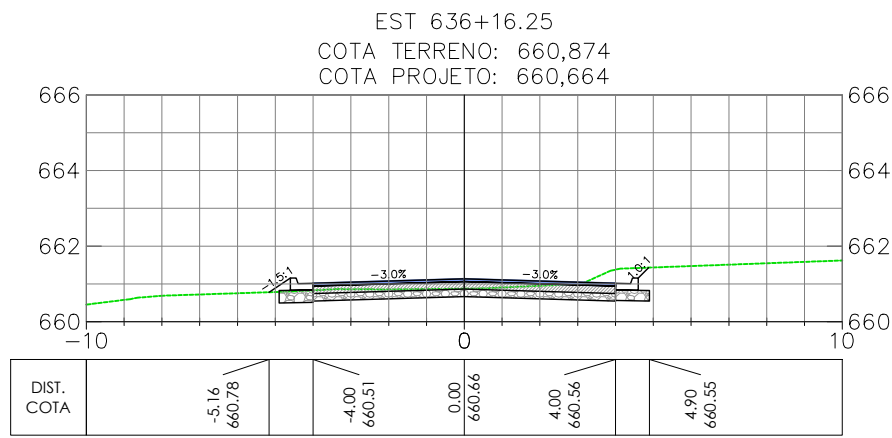
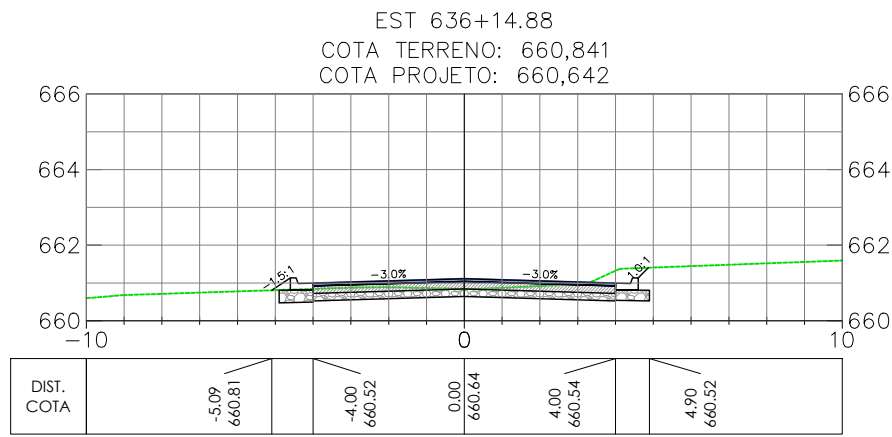
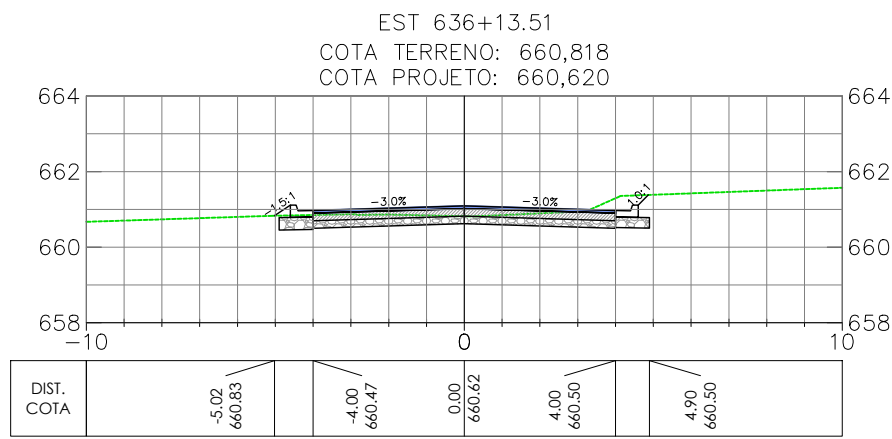
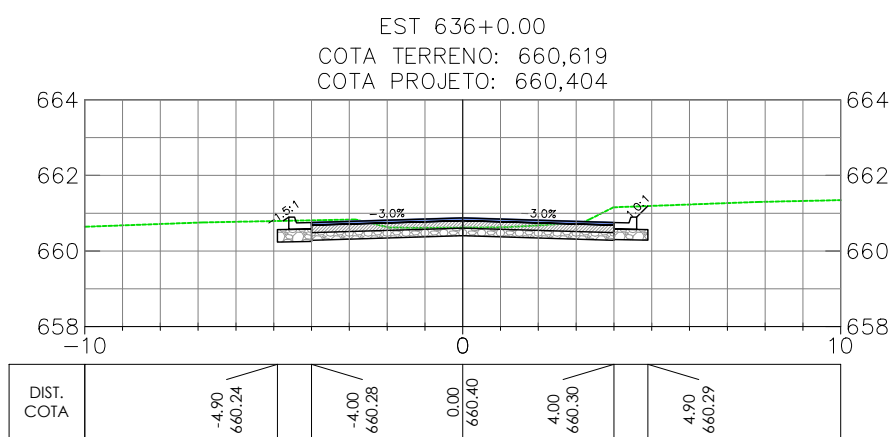
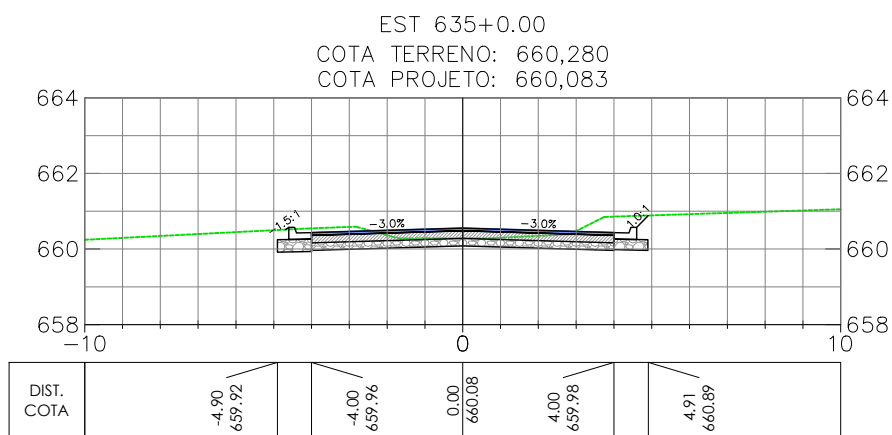
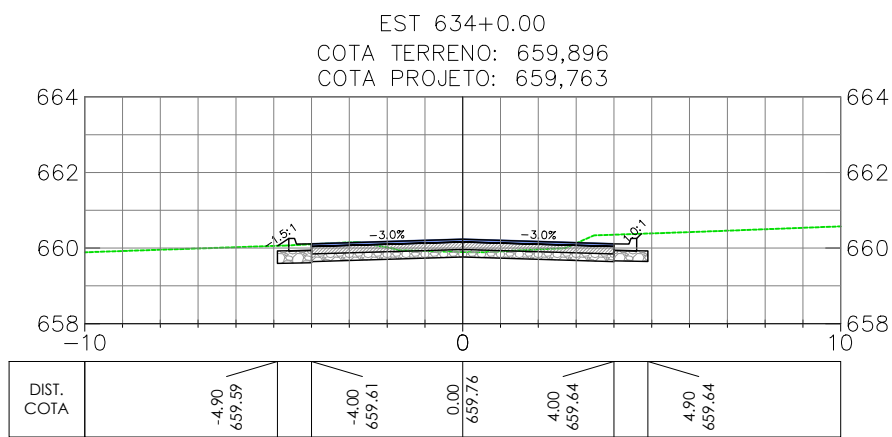
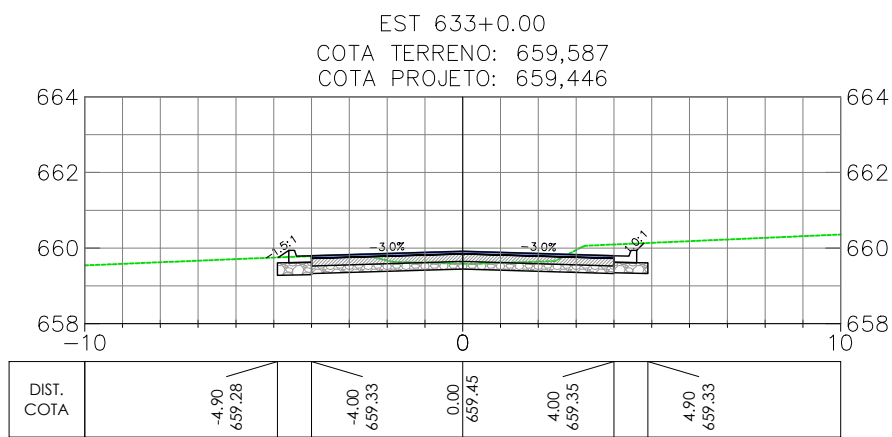
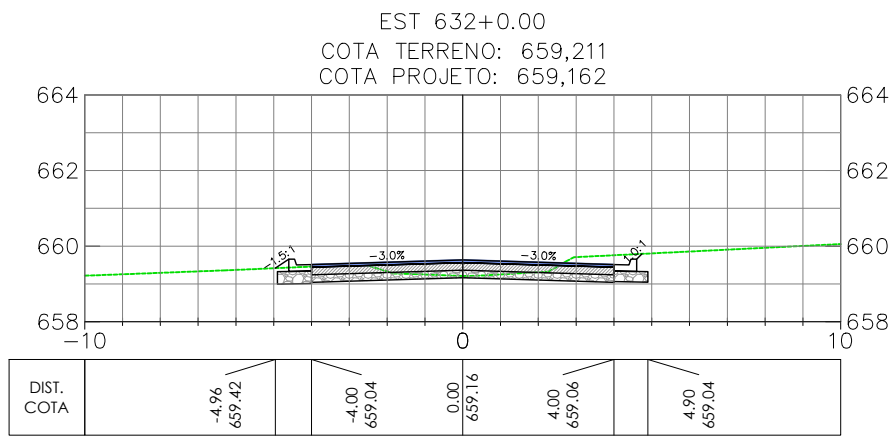
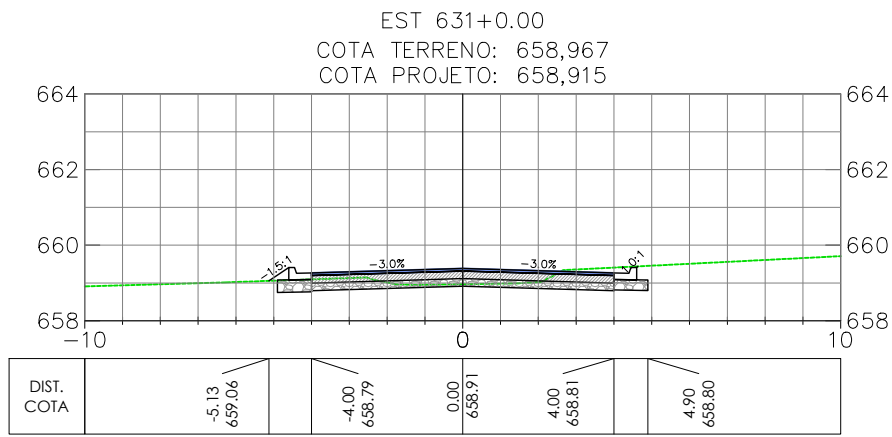
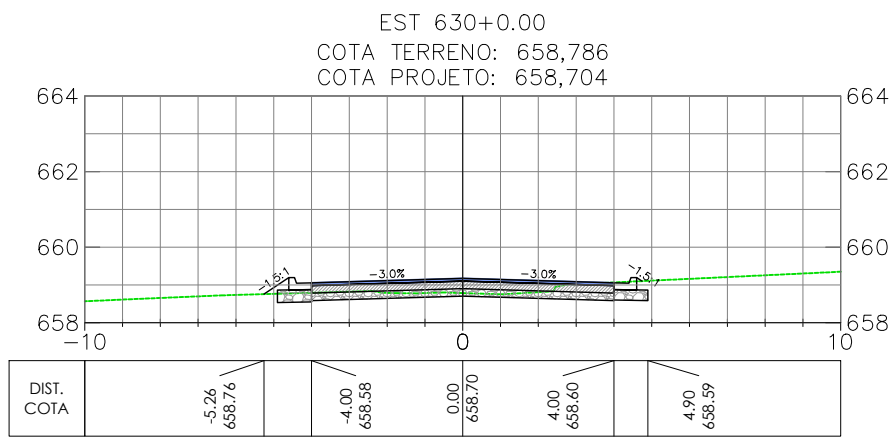
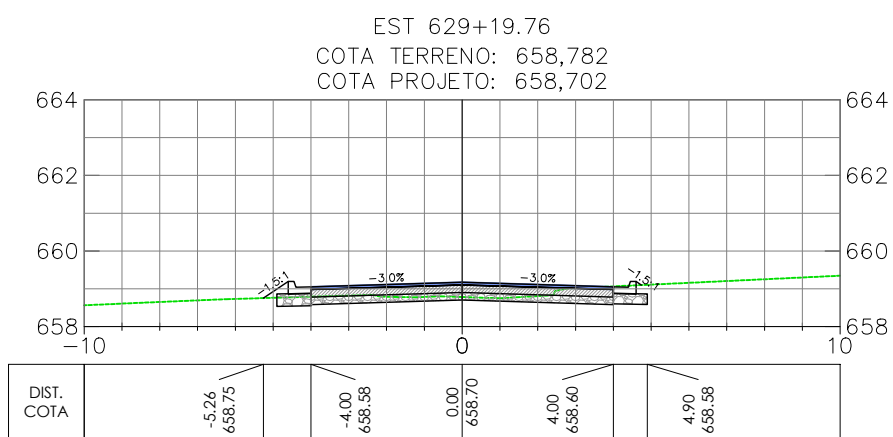
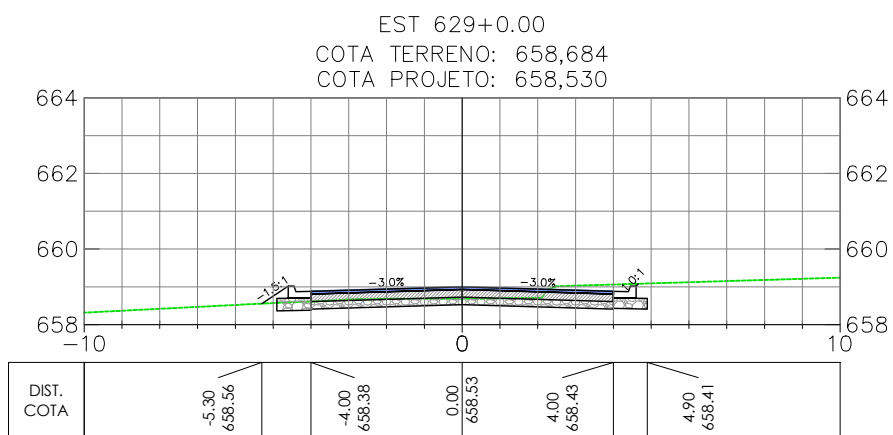
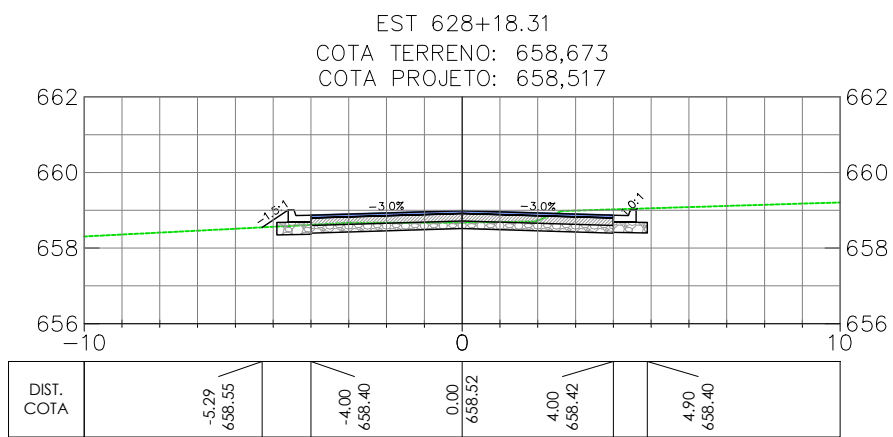
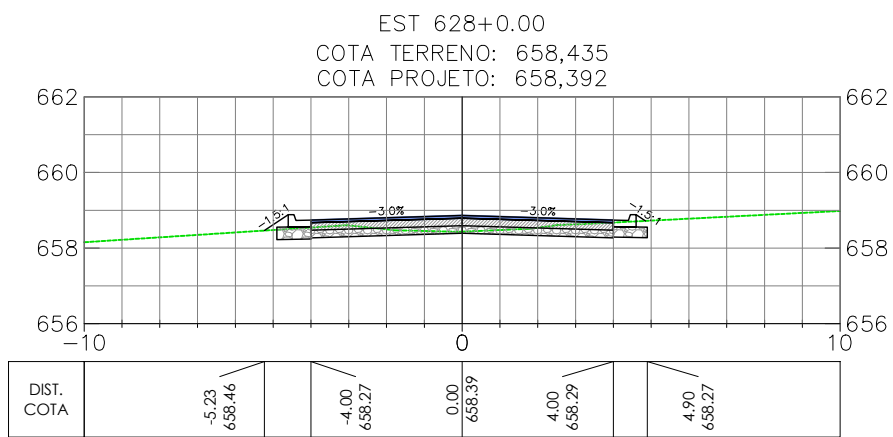
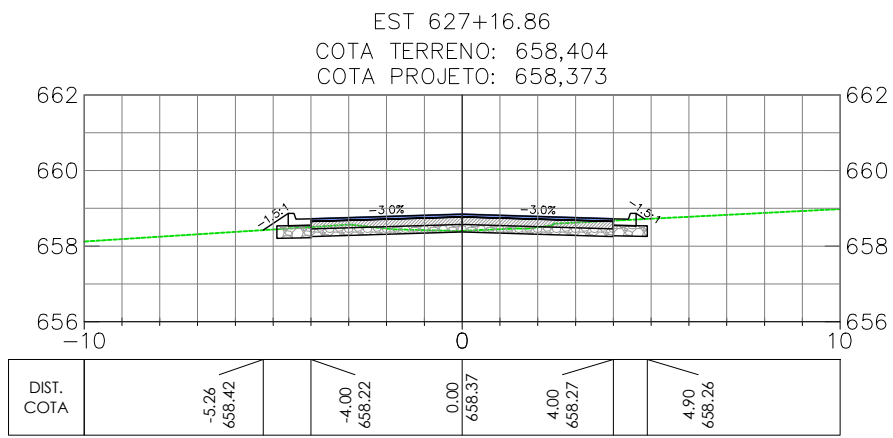
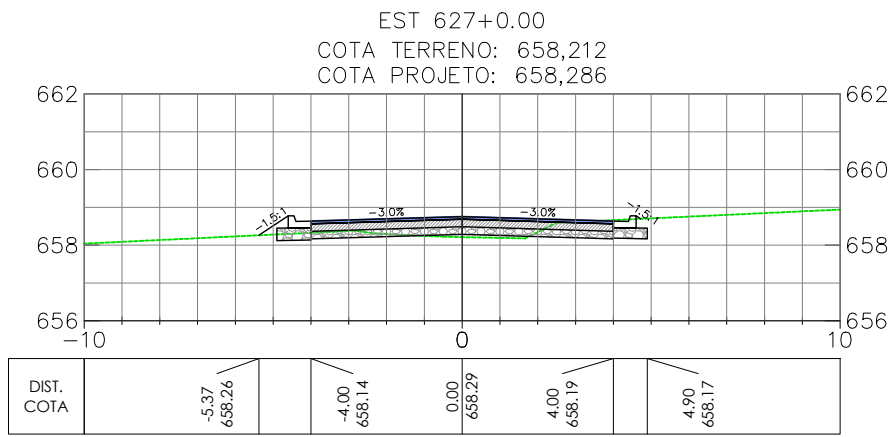
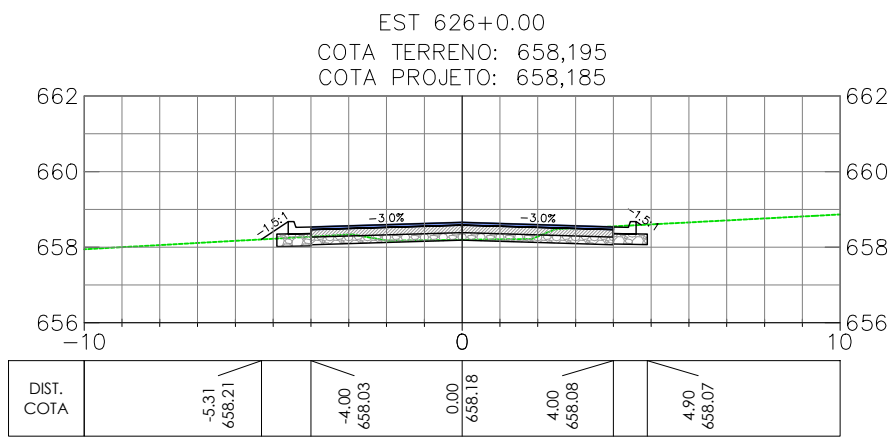
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TÍTULO DOS DESENHOS:  
PRJ-EXE-TER-PBD-ARO-0101-REV02



Anel Rodoviário



OBSERVAÇÕES

- OBSERVAÇÕES GERAIS:
- 1 - MEDIDAS, COORDENADAS E ELEVÇÕES EM METRO, EXCETO ONDE INDICADO
  - 2 - PODERÃO OCORRER AJUSTES EM CAMPO QUANDO A EXECUÇÃO DA OBRA POR DETERMINAÇÃO DA PREFEITURA.

LEGENDA

- EIXO PROJETADO  
TERRENO NATURAL

REVISÃO	DESCRIÇÃO	TIPO	ELABORADO	VERIFICADO	DATA
00	EMISSION INICIAL	EXE	GMT	LGR	15/09/2021
01	REVISÃO	EXE	CLP	LGR	04/02/2022
02	REVISÃO	EXE	IFT	LGR	09/08/2022

TIPOS DE EMISSÃO	ATP - ANTEPROJETO BSC - BÁSICO EXE - EXECUTIVO	APV - APROVADO PCT - P/ CONSTRUÇÃO ASB - "AS BUILT"	CNC - CANCELADO
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**OBJETIVA** OBJETIVA PROJETOS E SERVIÇOS

ALAMEDA OSCAR NIEMAYER, Nº500, SALA 505 - VALE DO SERENO  
NOVA LIMA-MO - CEP: 34.008-056  
TEL.: (31) 3347-4405 / (31) 3347-7079 / (31) 3571-1920  
EMAIL: contata@grupoprojetosengenharia.com.br

**PREFEITURA MUNICIPAL DE BOM DESPACHO**

PRÇA RMA ALBUQUERQUE, Nº45 - CENTRO  
BOM DESPACHO-MG - CEP: 35.600-000  
TEL: 0800 285 9797

PROJETO DE INFRAESTRUTURA

ANEL RODOVIÁRIO LIGAÇÃO ENTRE BR-262 E MG-164, BOM DESPACHO-MG

PROJETO DE TERRAPLENAGEM

AUTORIA DO PROJETO:	CONTRATANTE DO PROJETO:
JULIANA GONÇALVES OLIVEIRA CREA MG - 239787/D	RESPONSÁVEL DA CONTRATANTE

DATA: JULHO/2022	ESCALA: 1:200	CÓDIGO: PRJ-TER
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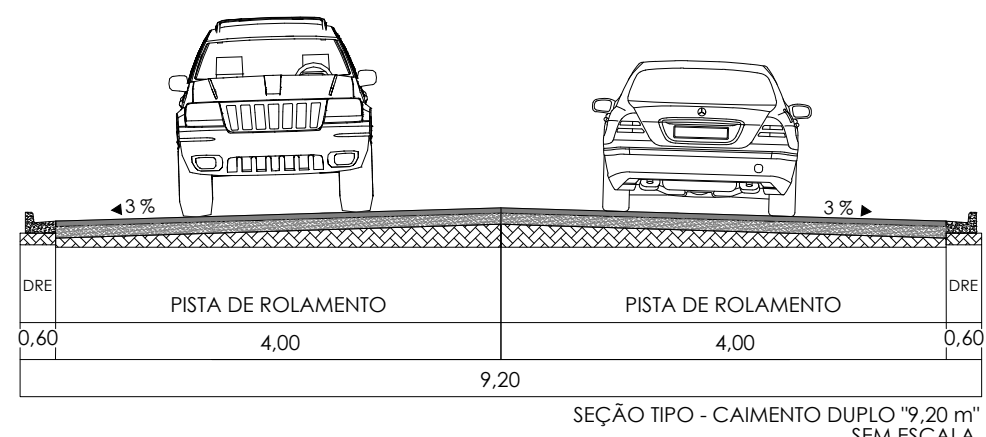
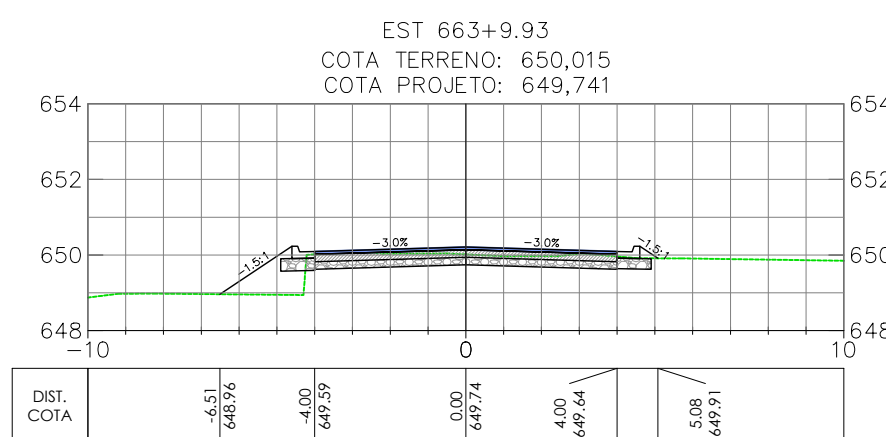
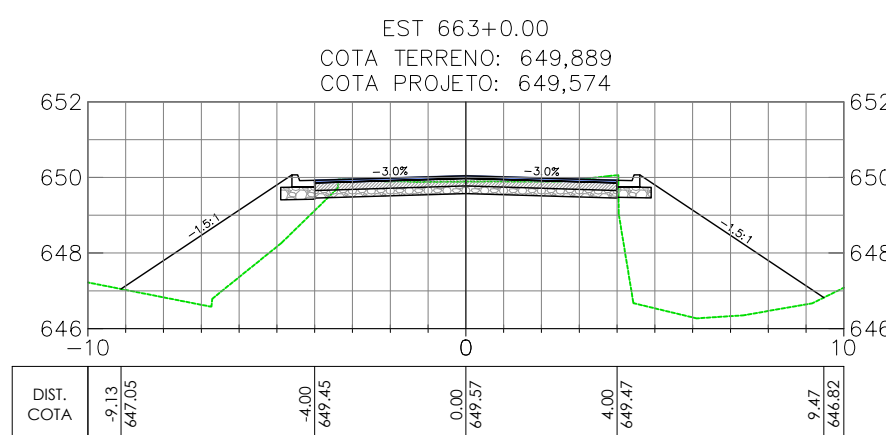
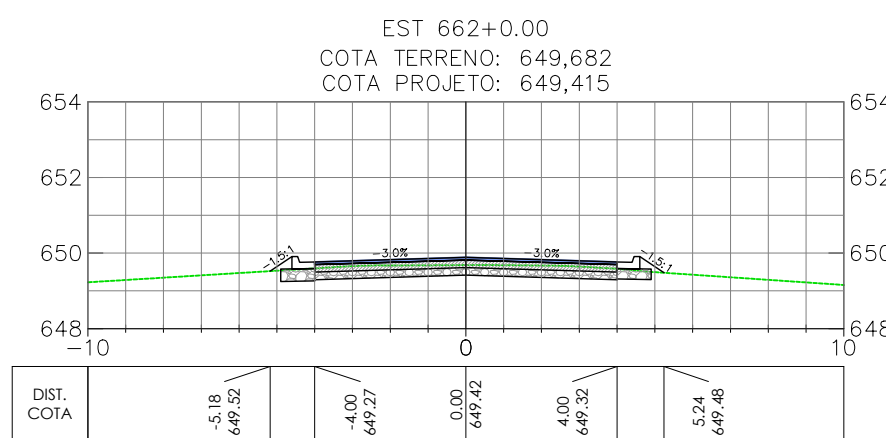
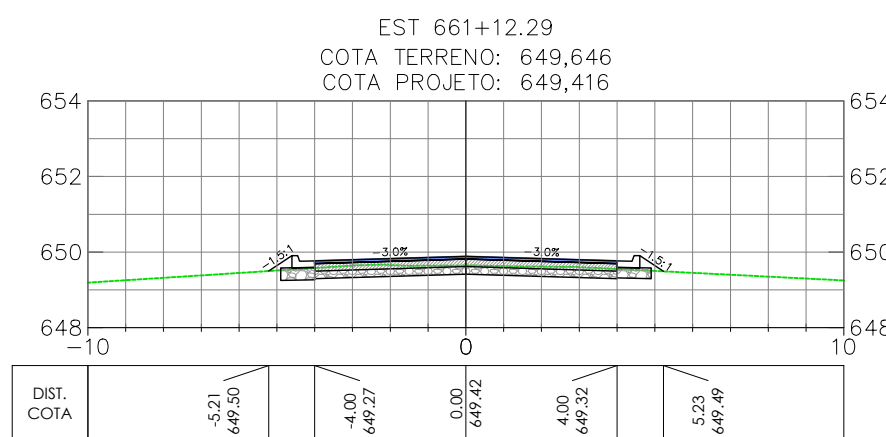
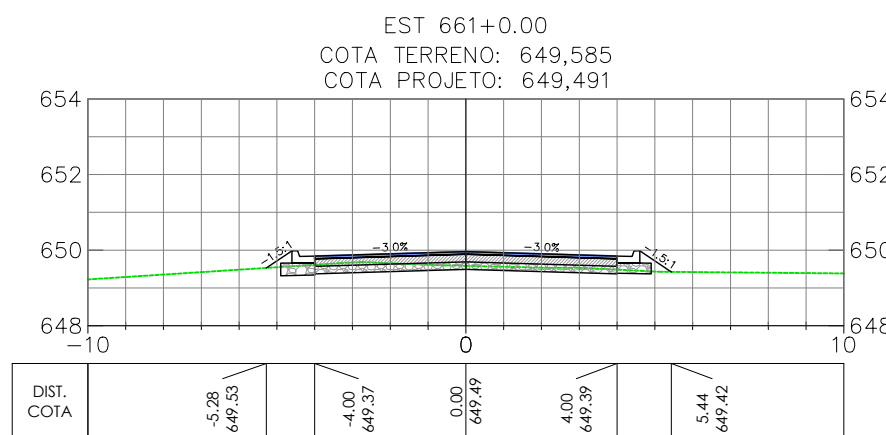
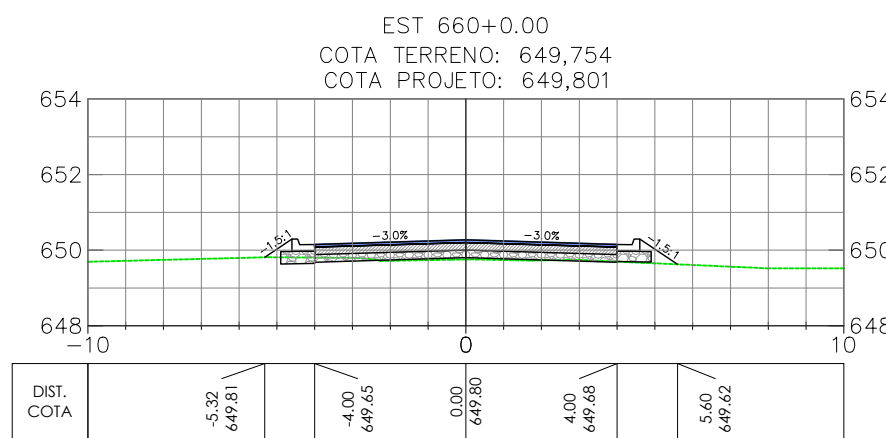
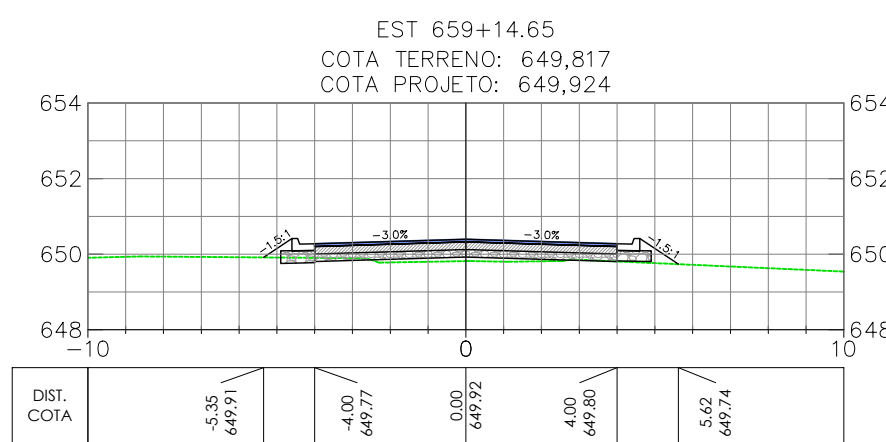
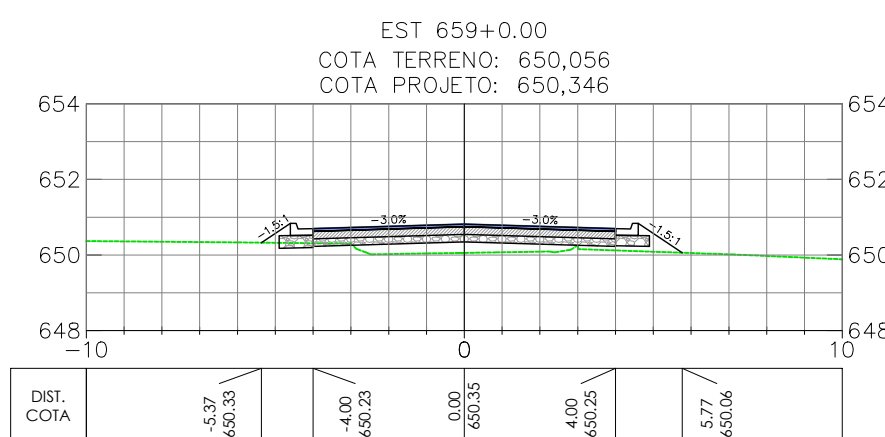
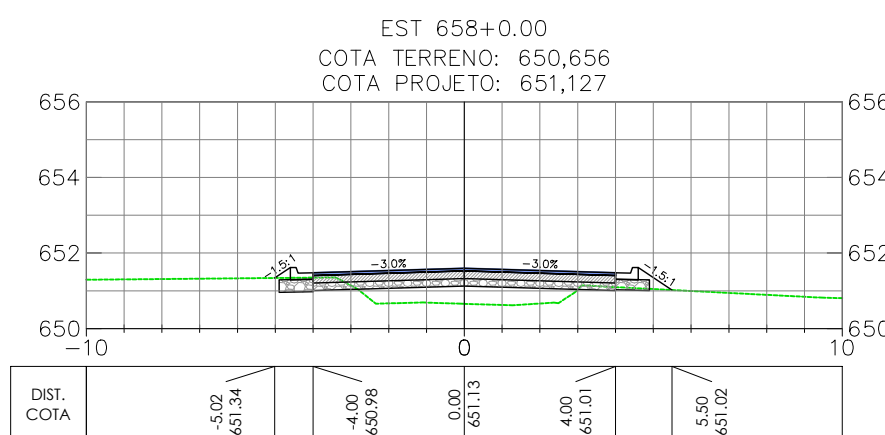
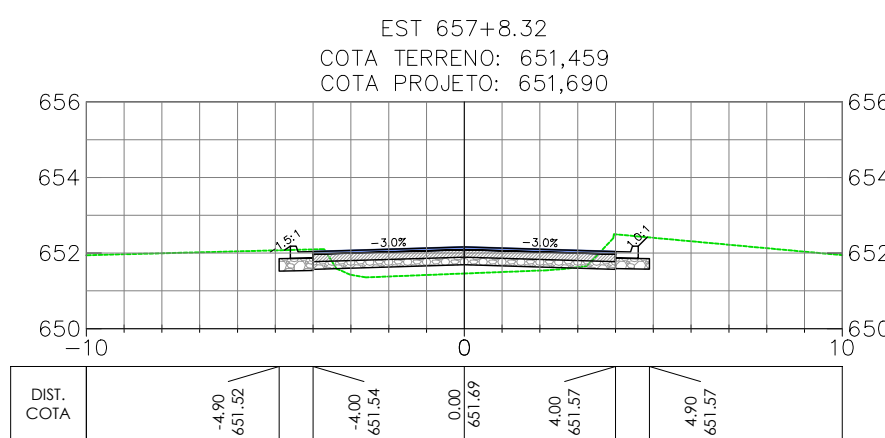
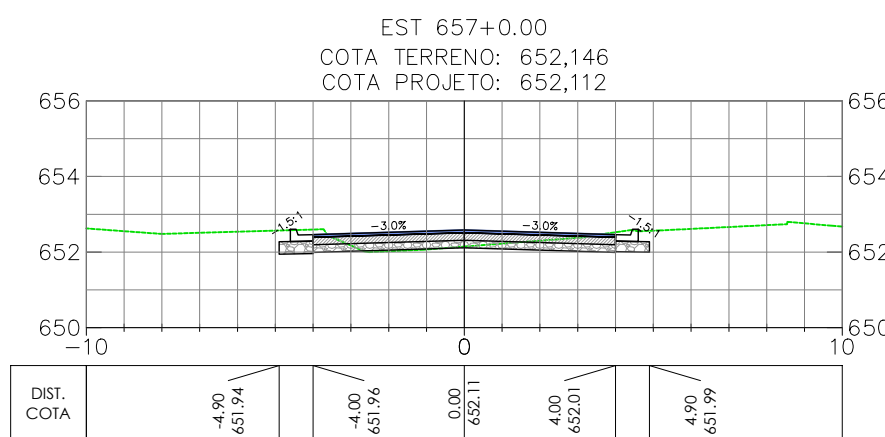
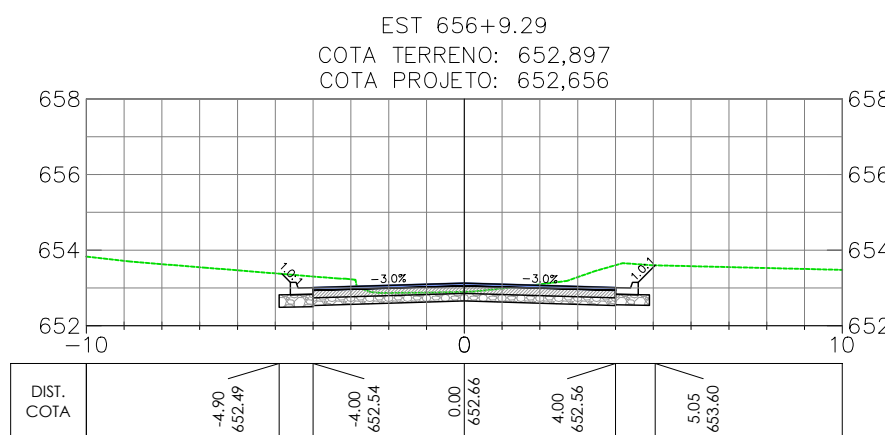
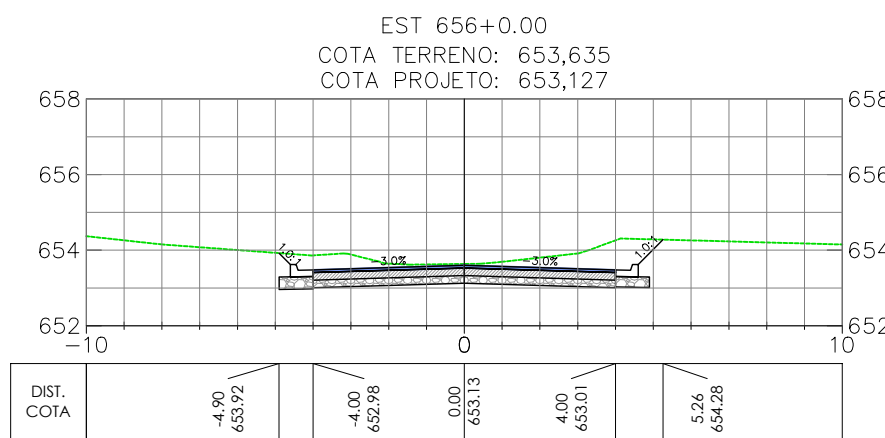
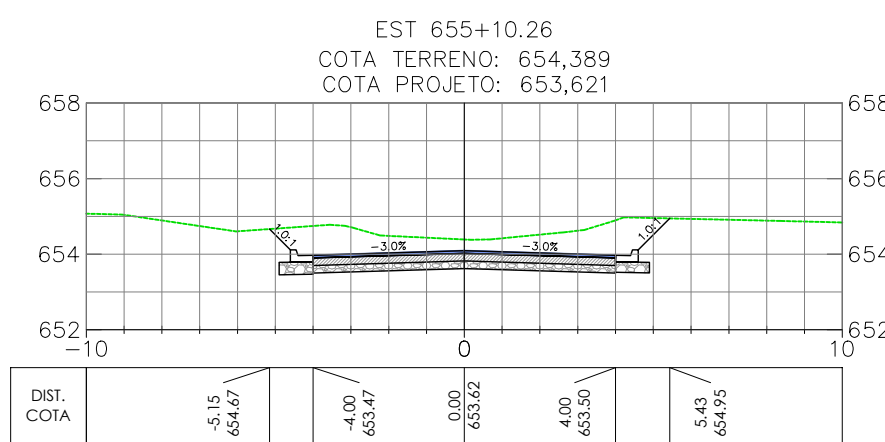
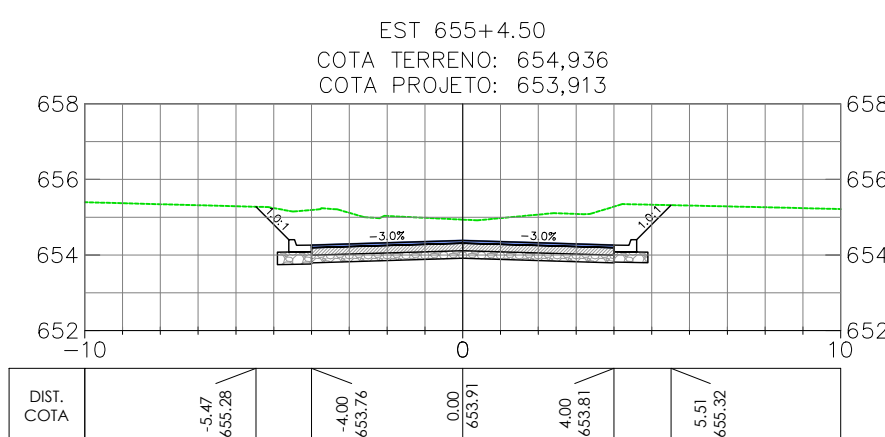
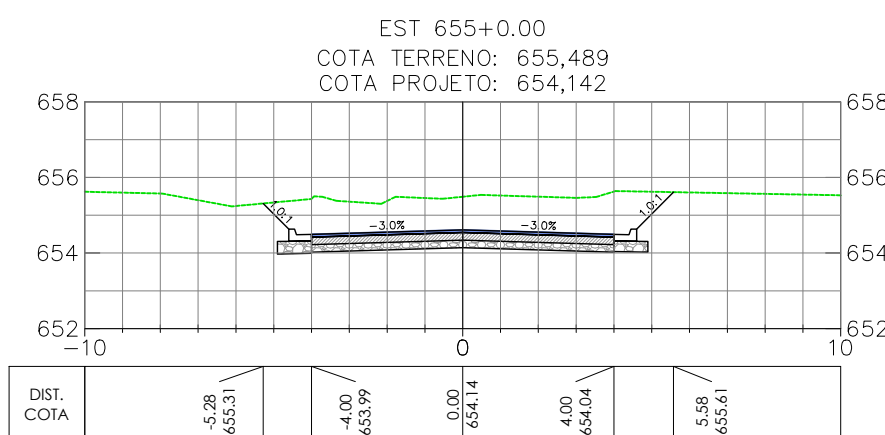
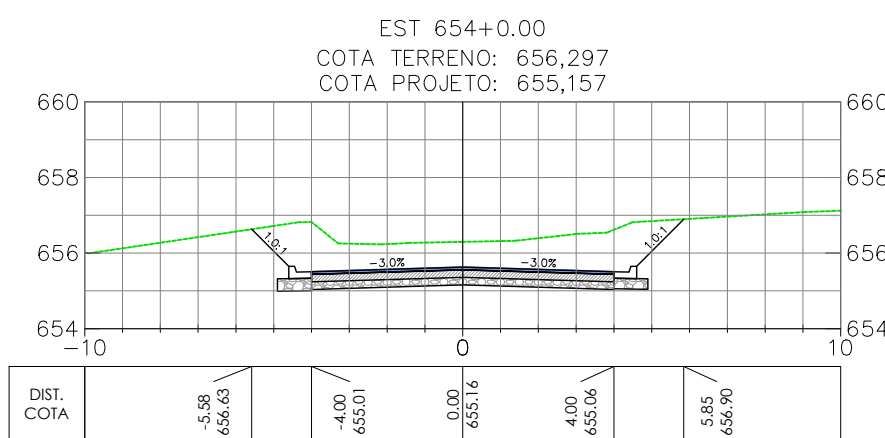
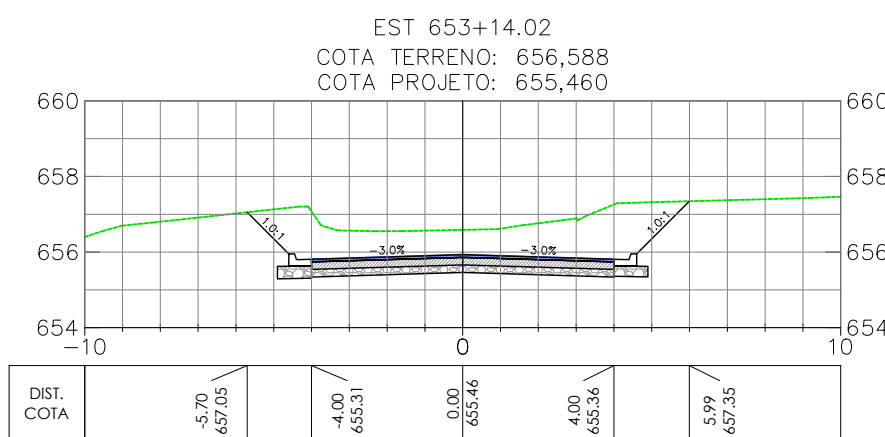
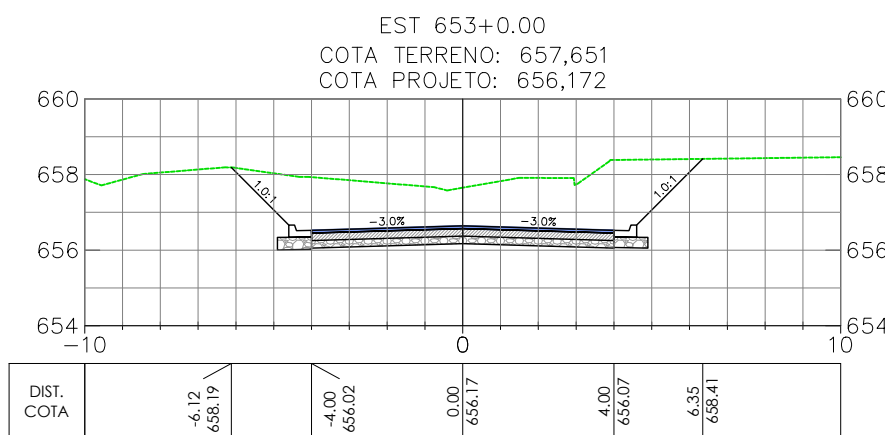
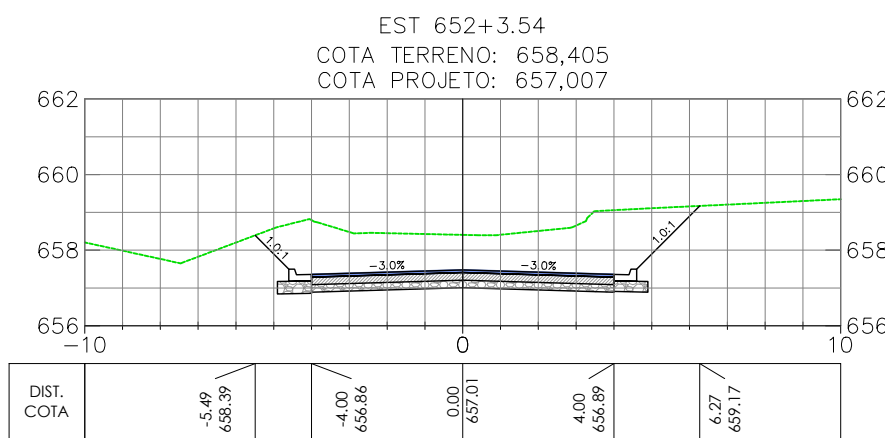
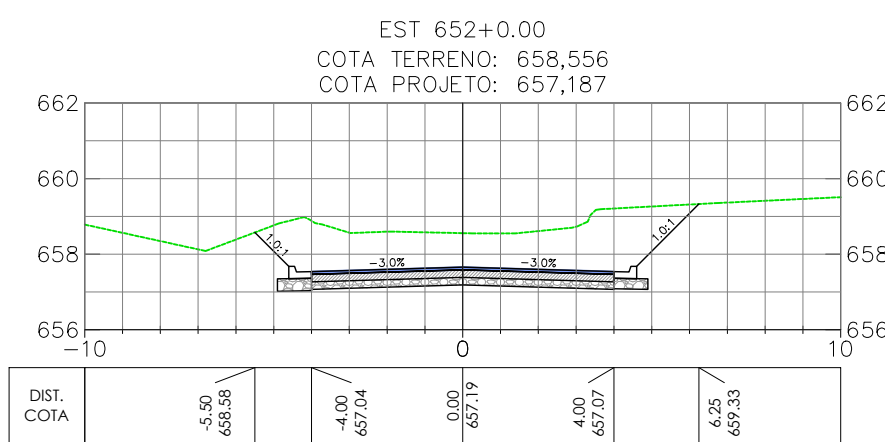
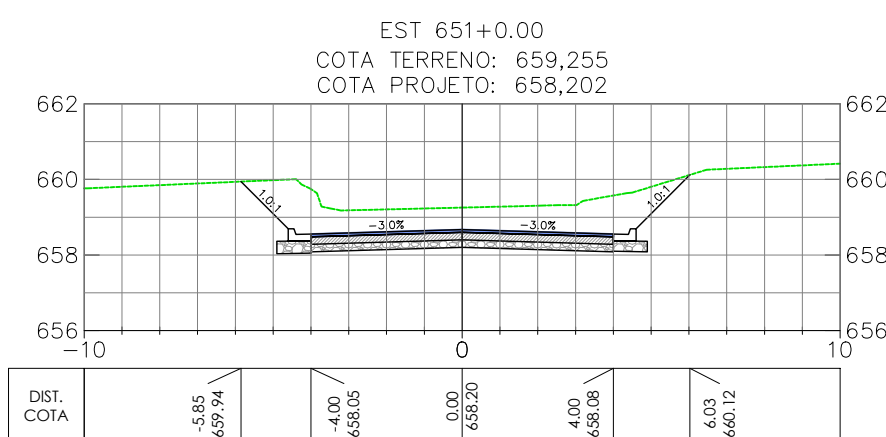
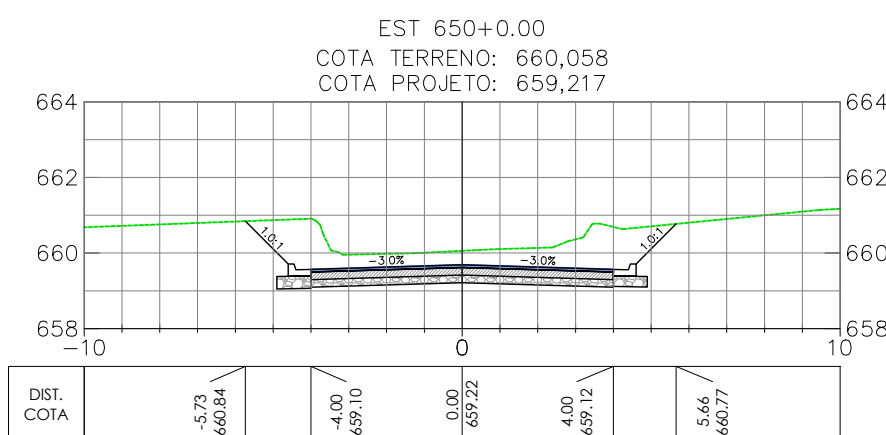
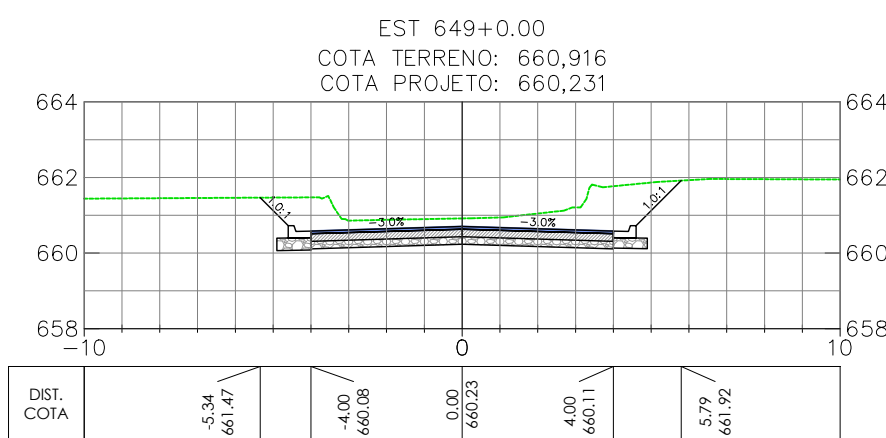
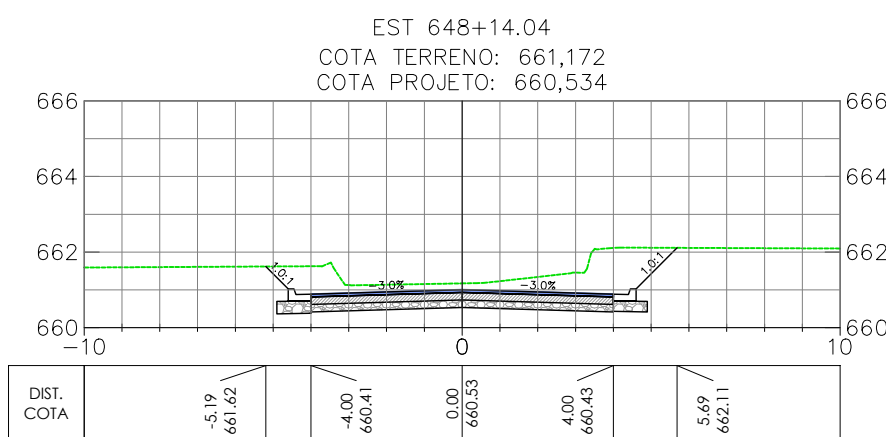
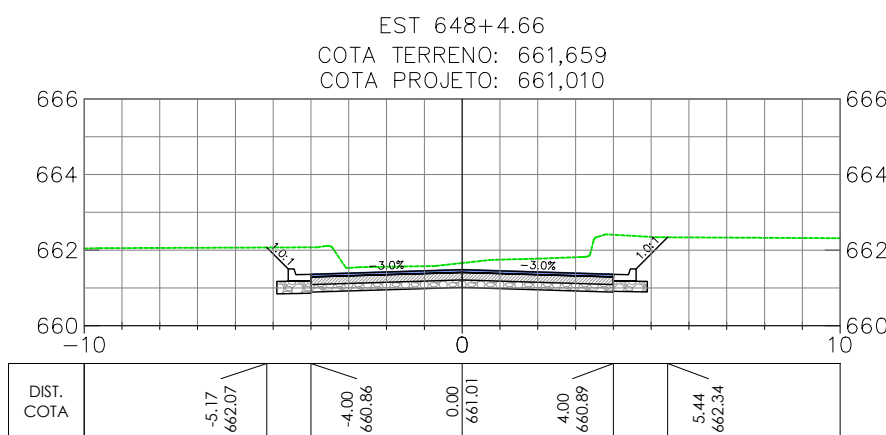
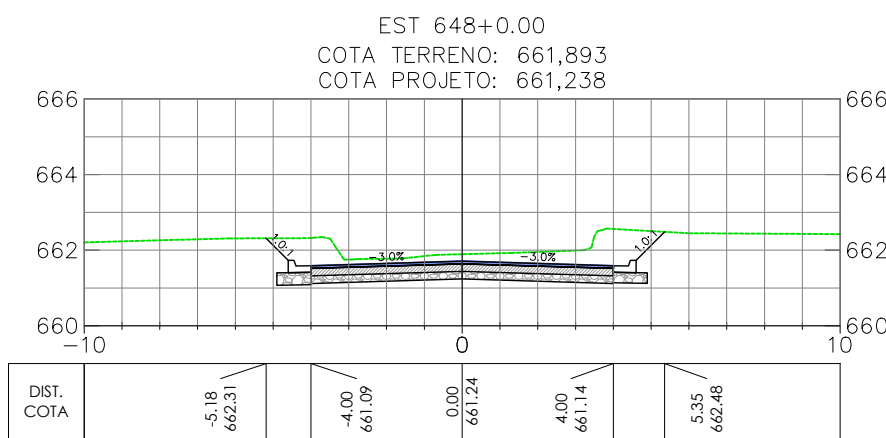
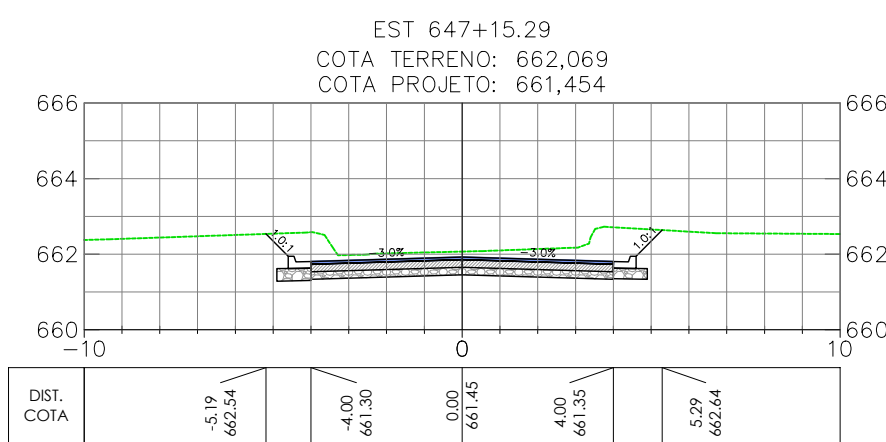
TÍTULO DOS DESENHOS: SEÇÕES TRANSVERSAIS - ANEL RODOVIÁRIO (EST. 626+0.00 A EST. 647+0.00) SEÇÃO TIPO	PRANCHAS: 28/39
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DIREITOS AUTORAIS RESERVADOS: PROIBIDO REPRODUÇÃO, DIVULGAÇÃO OU ALTERAÇÃO SEM ORDEM EXPRESSA DO AUTOR.

TÍTULO DOS DESENHOS:  
PRJ-EXE-TER-PRD-ARO-0181-REV02



Anel Rodoviário



OBSERVAÇÕES

- OBSERVAÇÕES GERAIS:  
1 - MEDIDAS, COORDENADAS E ELEVÇÕES EM METRO, EXCETO ONDE INDICADO  
2 - PODERÃO OCORRER AJUSTES EM CAMPO QUANDO A EXECUÇÃO DA OBRA POR DETERMINAÇÃO DA PREFEITURA.

LEGENDA

- EIXO PROJETADO  
--- TERRENO NATURAL

REVISÃO	DESCRIÇÃO	TIPO	ELABORADO	VERIFICADO	DATA
00	EMIÇÃO INICIAL	EXE	GMT	LGR	15/09/2021
01	REVISÃO	EXE	CLP	LGR	04/02/2022
02	REVISÃO	EXE	IFT	LGR	09/08/2022

TIPOS DE EMISSÃO	ATP - ANTEPROJETO BSC - BÁSICO EXE - EXECUTIVO	APV - APROVADO PCT - P/ CONSTRUÇÃO ASB - "AS BUILT"	CNC - CANCELADO
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**OBJETIVA** OBJETIVA PROJETOS E SERVIÇOS  
ALAMEDA OSCAR NIEMAYER, Nº500, SALA 505 - VALE DO SERENO  
NOVA LIMA-MO - CEP: 34.006-056  
TEL.: (31) 3347-4405 / (31) 3347-7079 / (31) 3571-1920  
EMAIL: contata@grupoprojetos.com.br



PREFEITURA MUNICIPAL DE BOM DESPACHO

PRÇA RMA ALBUQUERQUE, Nº45 - CENTRO  
BOM DESPACHO-MG - CEP: 35.600-000  
TEL: 0800 285 9797

PROJETO DE INFRAESTRUTURA

ANEL RODOVIÁRIO LIGAÇÃO ENTRE BR-262 E MG-164, BOM DESPACHO-MG

PROJETO DE TERRAPLENAGEM

AUTORIA DO PROJETO:	CONTRATANTE DO PROJETO:
JULIANA GONÇALVES OLIVEIRA CREA MG - 239787/D	RESPONSÁVEL DA CONTRATANTE

DATA: JULHO/2022	ESCALA: 1:200	CÓDIGO: PRJ-TER
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TÍTULO DOS DESENHOS:  
SEÇÕES TRANSVERSAIS - ANEL RODOVIÁRIO (EST. 647+15.29 A EST. 663+9.93)  
SEÇÃO TIPO

DIREITOS AUTORAIS RESERVADOS: PROIBIDO REPRODUÇÃO, DIVULGAÇÃO OU ALTERAÇÃO SEM ORDEM EXPRESSA DO AUTOR.

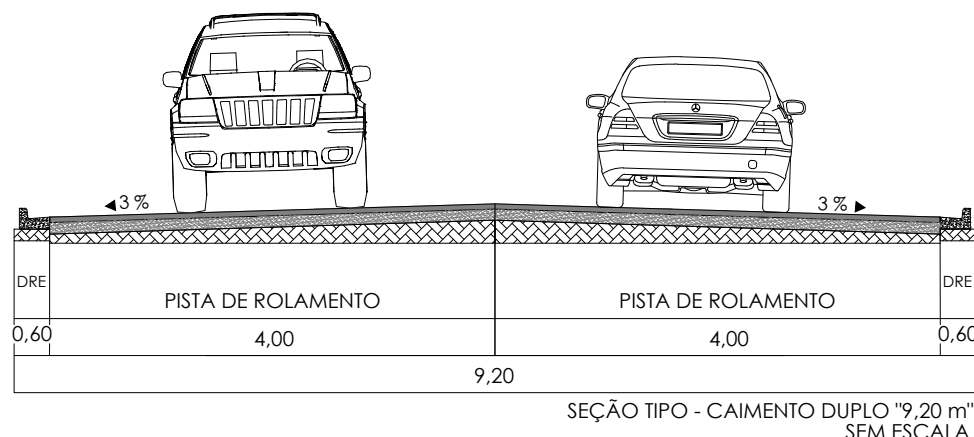
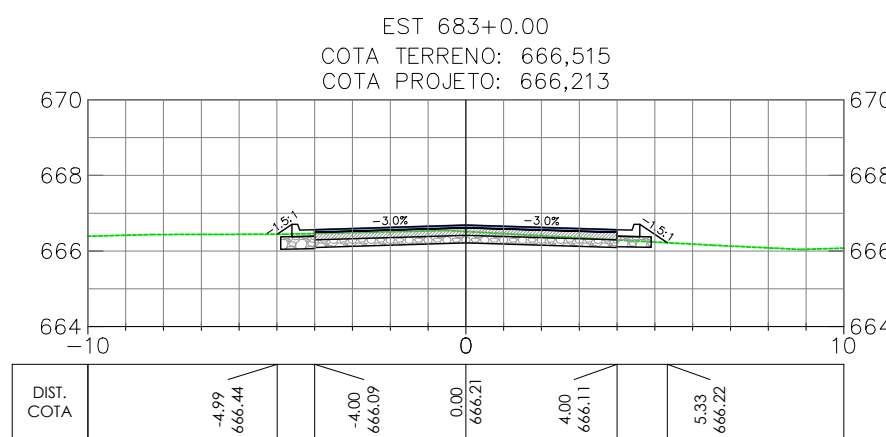
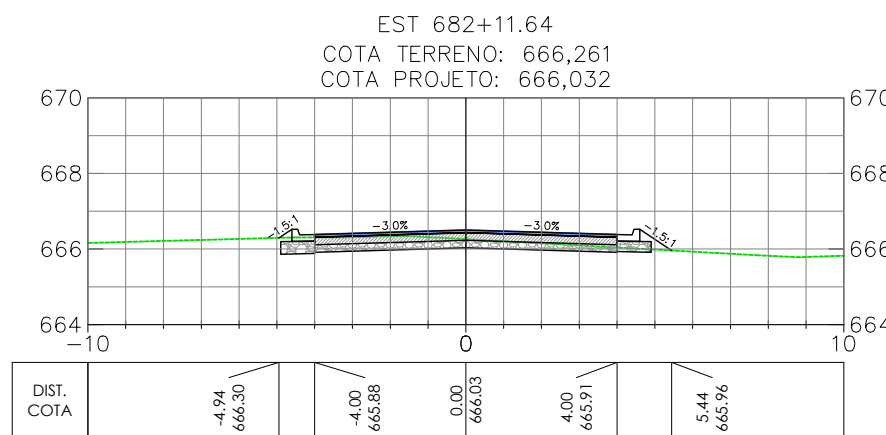
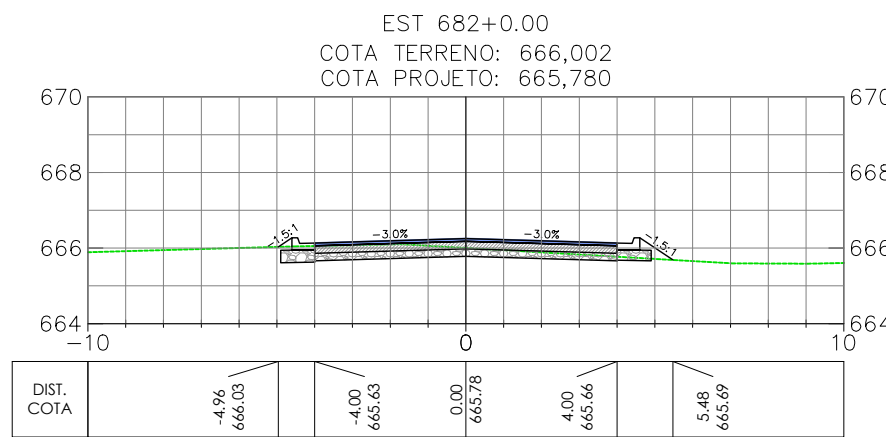
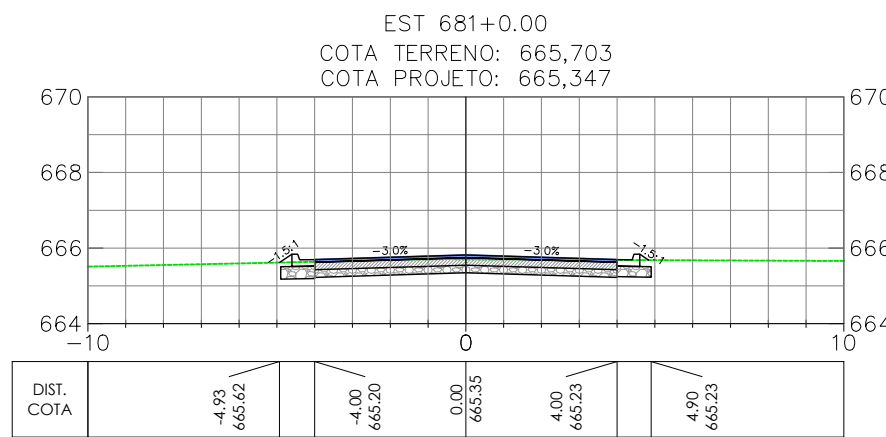
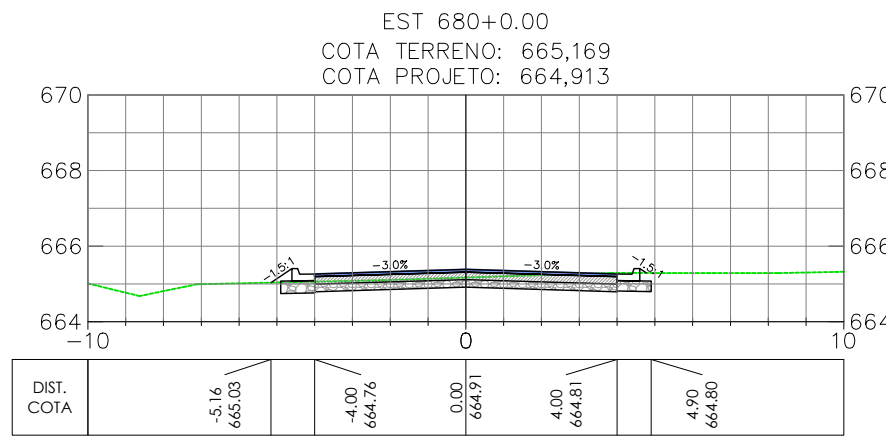
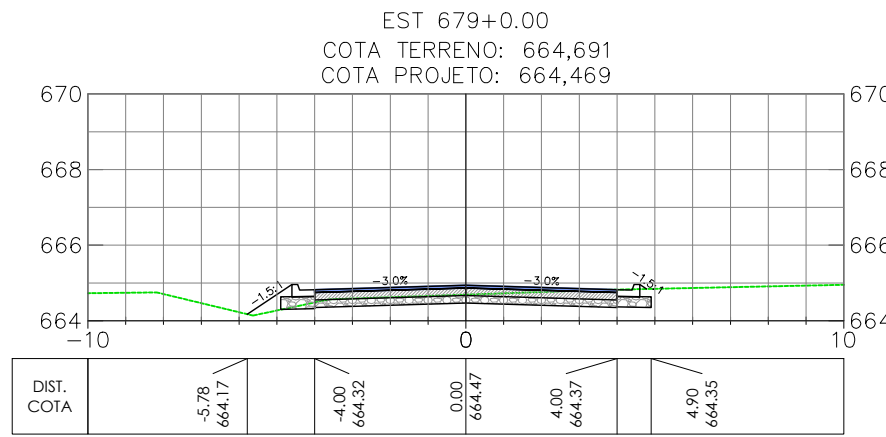
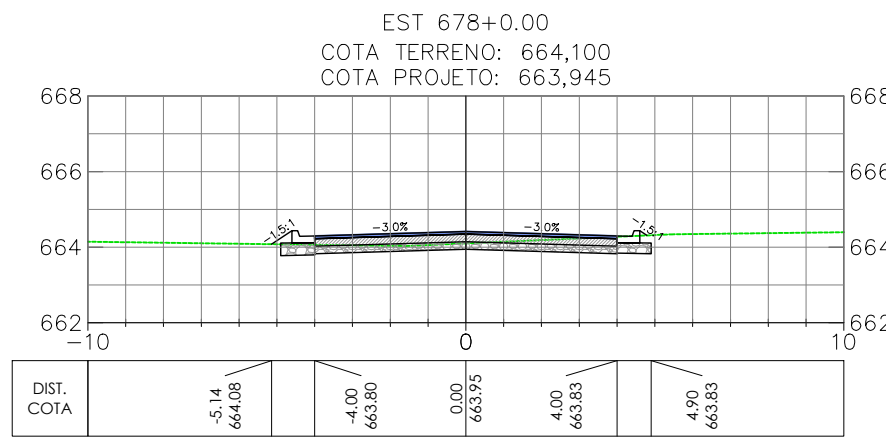
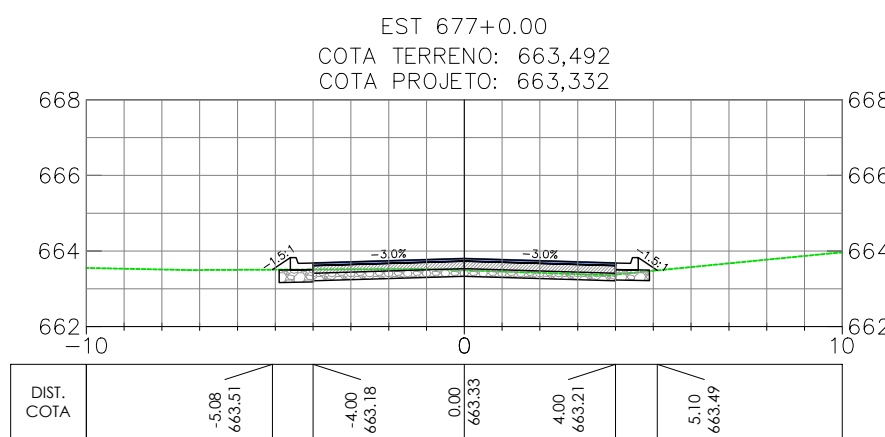
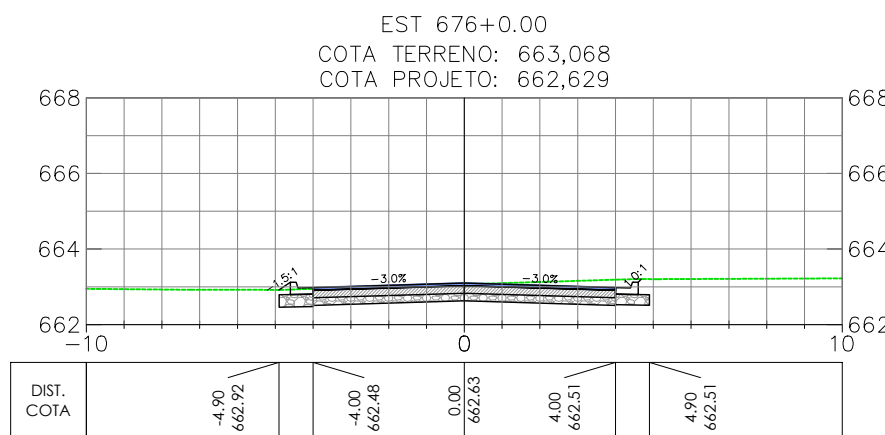
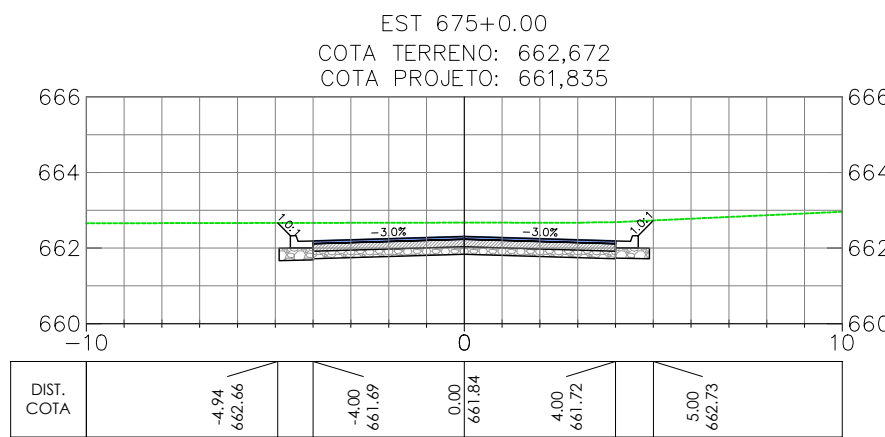
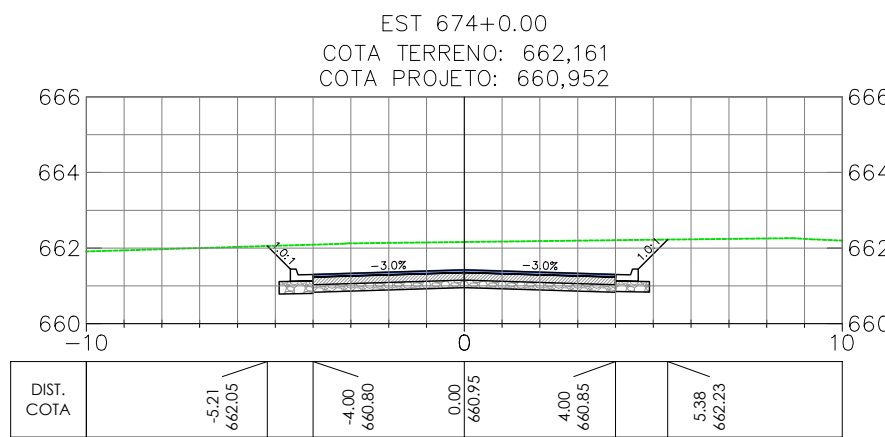
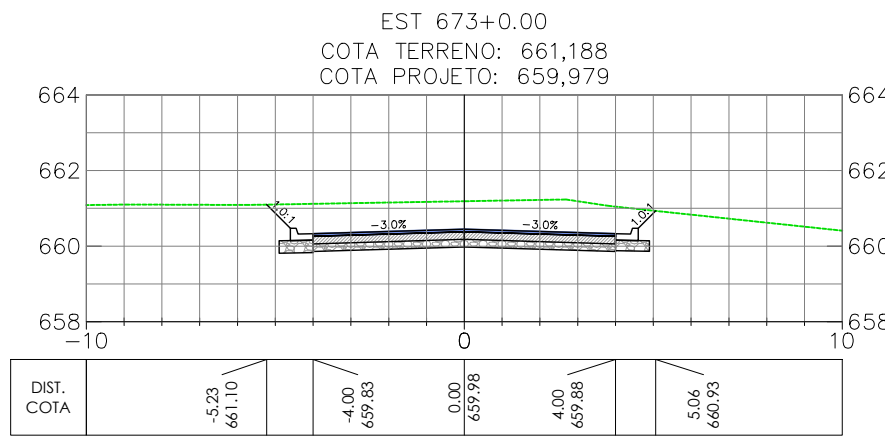
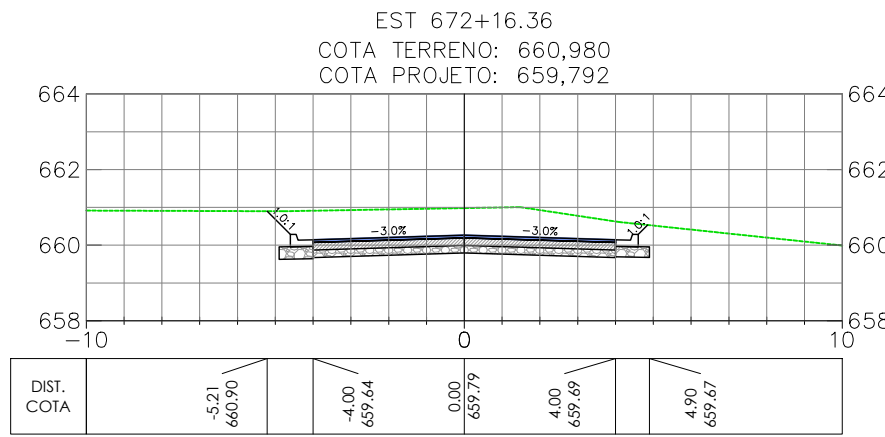
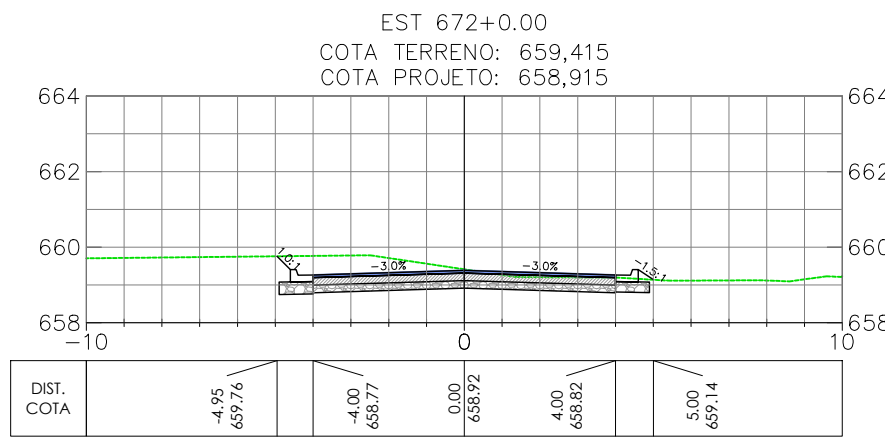
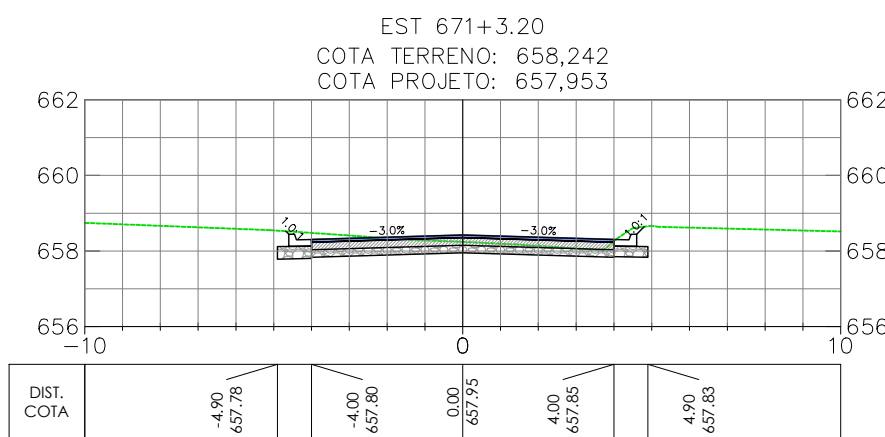
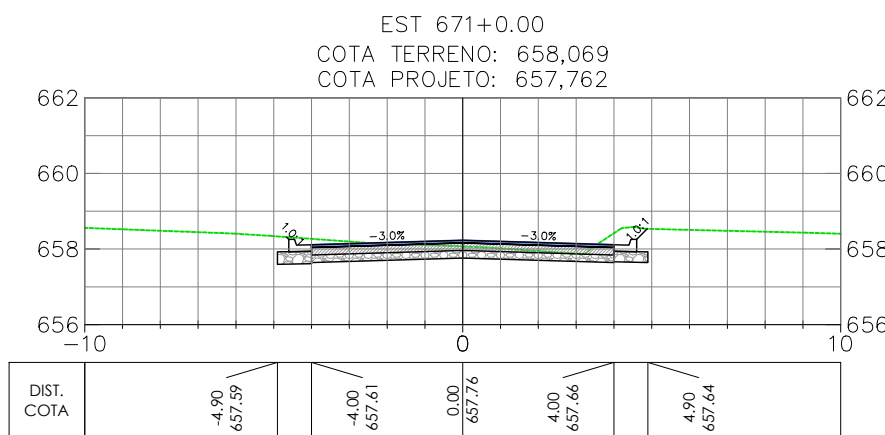
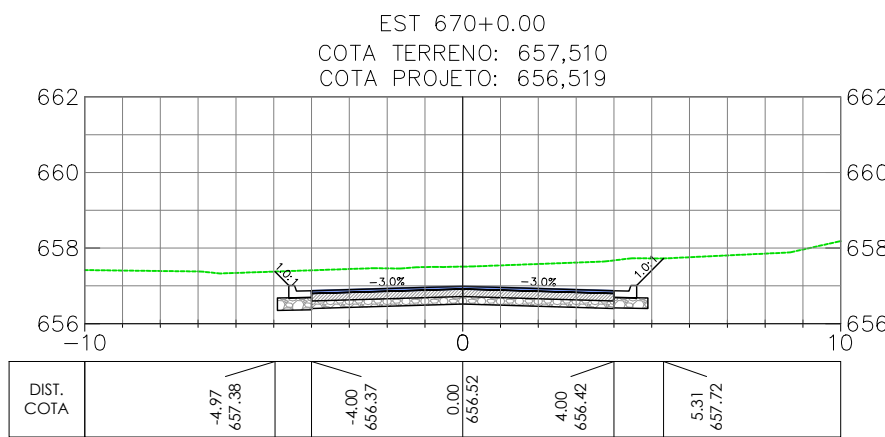
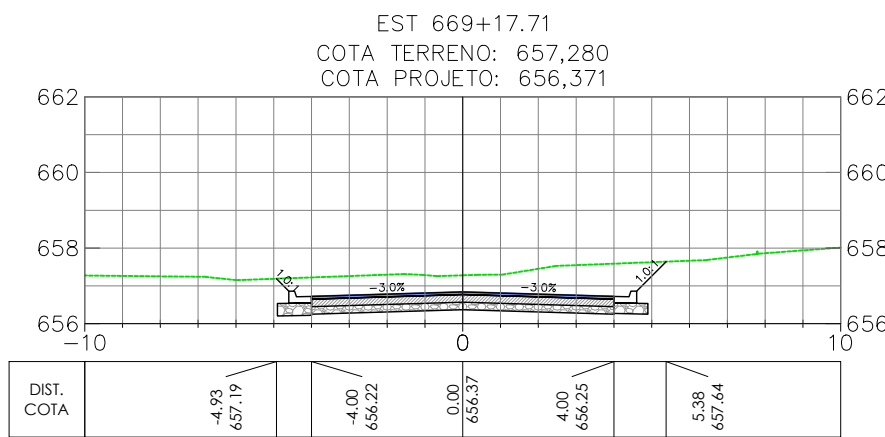
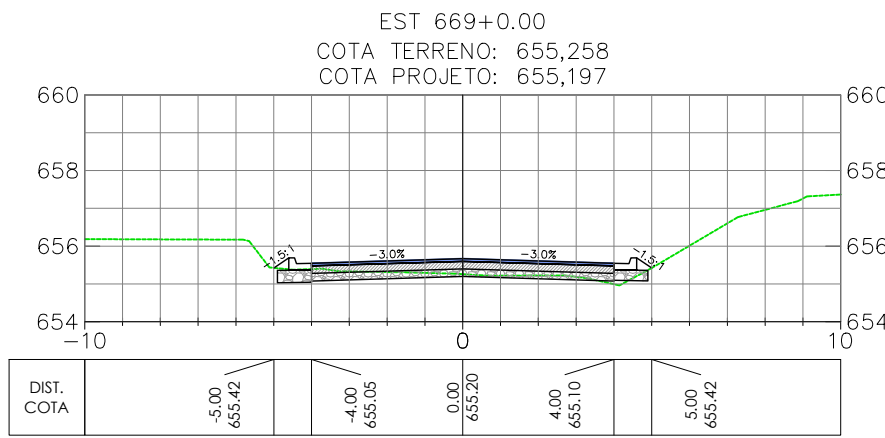
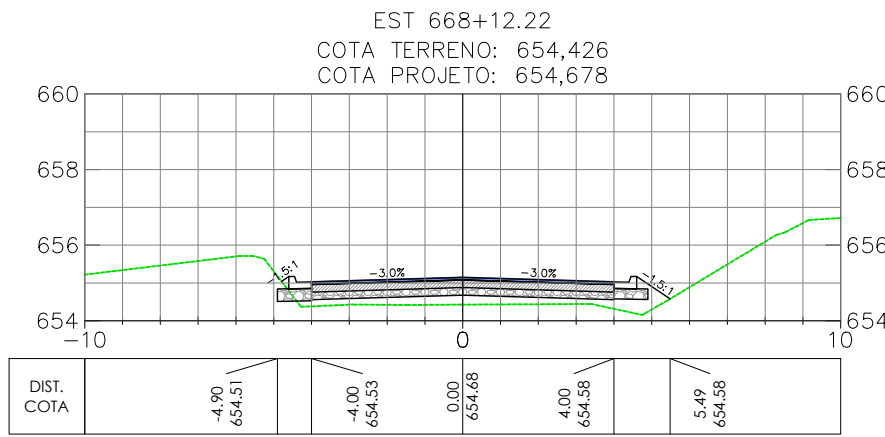
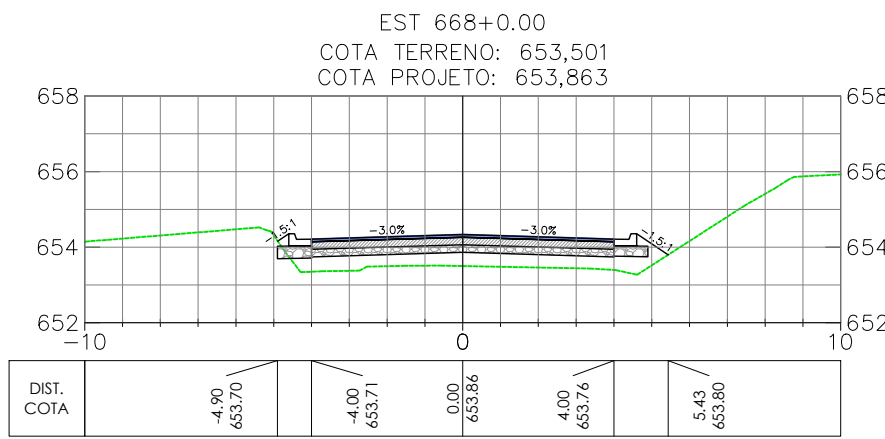
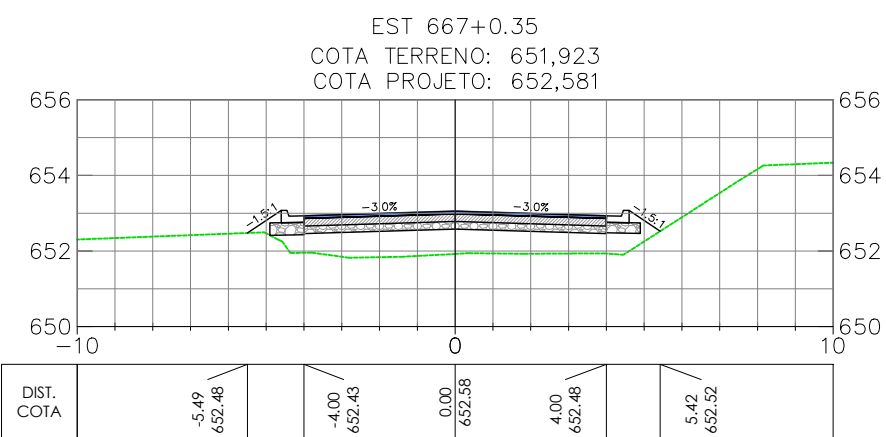
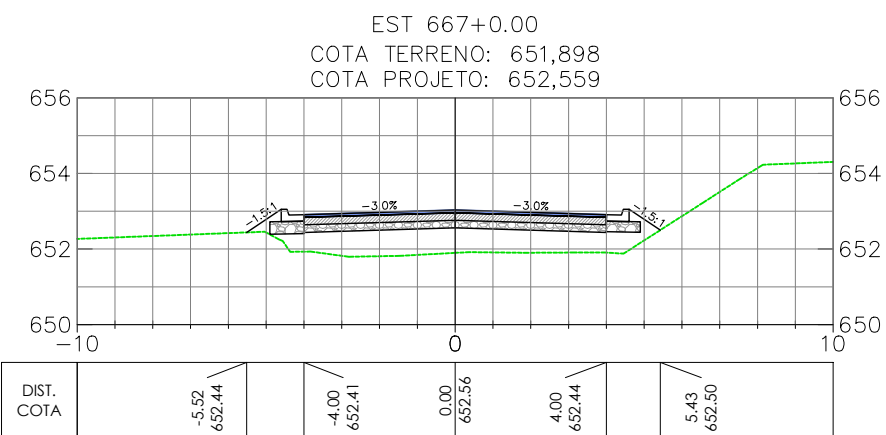
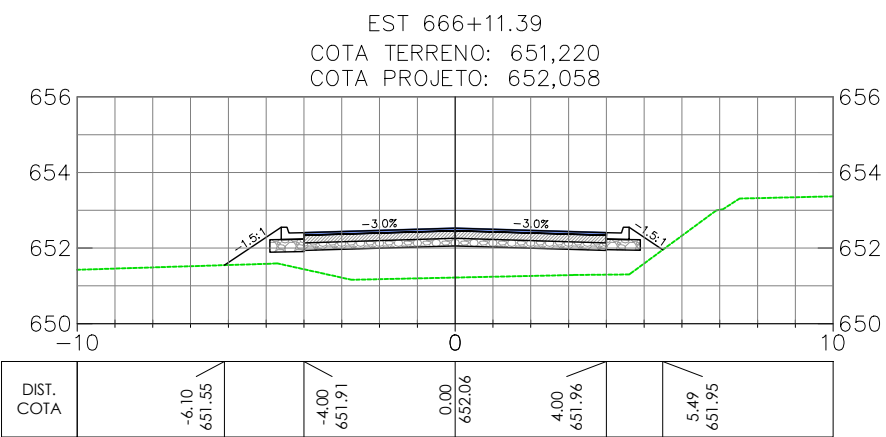
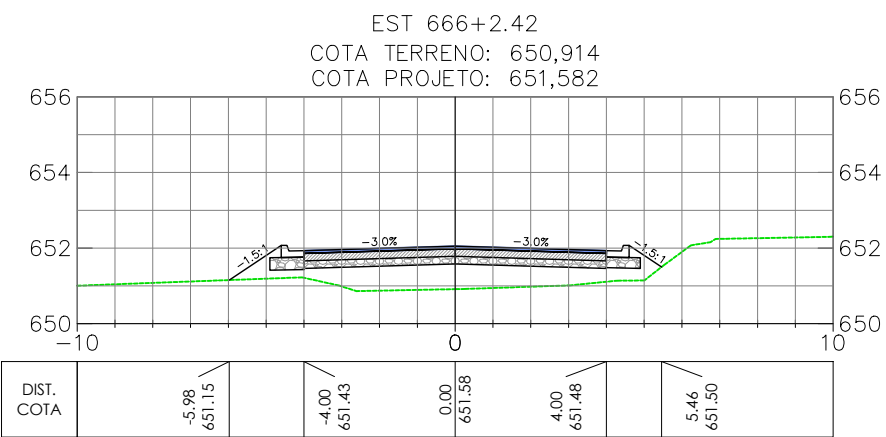
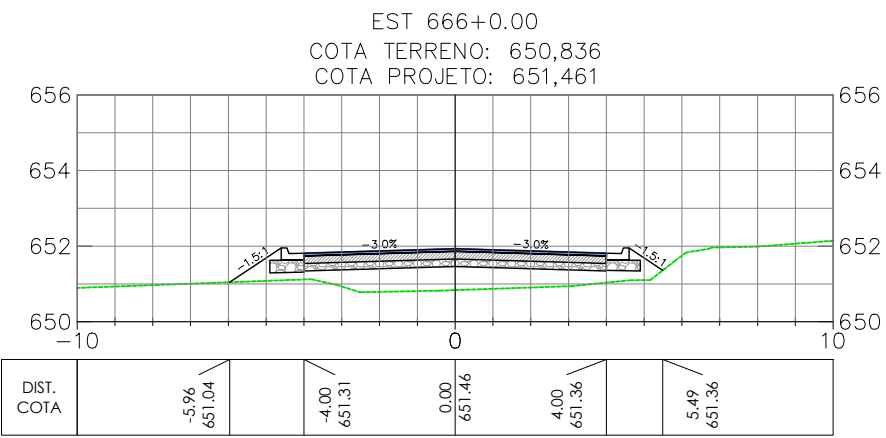
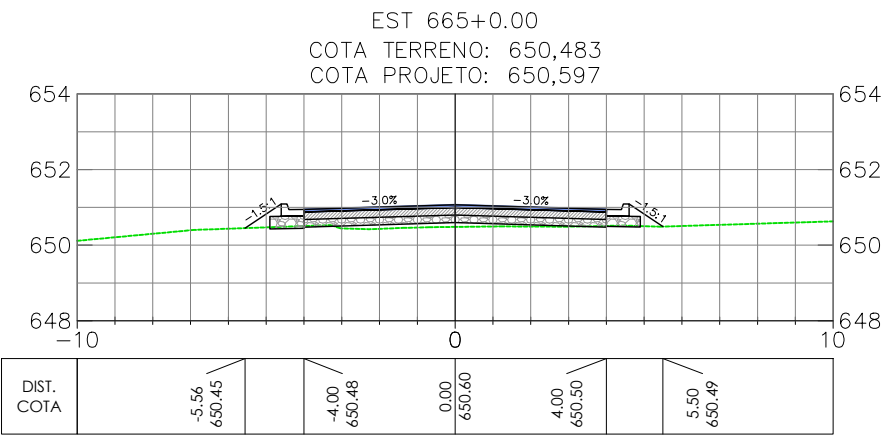
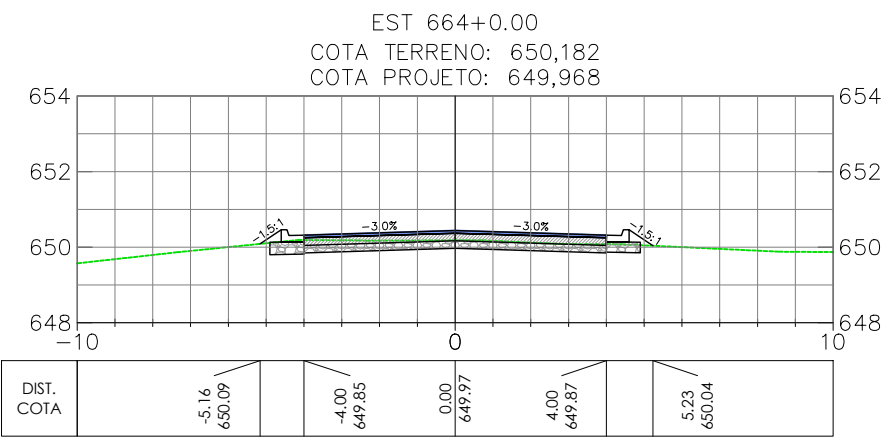
TÍTULO DOS DESENHOS:  
PRJ-EXE-TER-P80-ARQ-0181-REV02

29/39

FORMATO - A1  
841x594mm



Anel Rodoviário



OBSERVAÇÕES

- OBSERVAÇÕES GERAIS:
- 1 - MEDIDAS, COORDENADAS E ELEVÇÕES EM METRO, EXCETO ONDE INDICADO
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LEGENDA

- EIXO PROJETADO  
TERRENO NATURAL

REVISÃO	DESCRIÇÃO	TIPO	ELABORADO	VERIFICADO	DATA
00	EMIÇÃO INICIAL	EXE	GMT	LGR	15/09/2021
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TIPOS DE EMISSÃO	ATP - ANTEPROJETO BSC - BÁSICO EXE - EXECUTIVO	APV - APROVADO PCT - P/ CONSTRUÇÃO ASB - "AS BUILT"	CNC - CANCELADO
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**OBJETIVA** OBJETIVA PROJETOS E SERVIÇOS

ALAMEDA OSCAR NIEMAYER, Nº500, SALA 505 - VALE DO SERENO  
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BOM DESPACHO-MG - CEP: 35.600-000  
TEL: 0800 285 9797

PROJETO DE INFRAESTRUTURA

ANEL RODOVÁRIO LIGAÇÃO ENTRE BR-262 E MG-164, BOM DESPACHO-MG

PROJETO DE TERRAPLENAGEM

AUTORIA DO PROJETO:	CONTRATANTE DO PROJETO:
JULIANA GONÇALVES OLIVEIRA CREA MG - 239787/D	RESPONSÁVEL DA CONTRATANTE

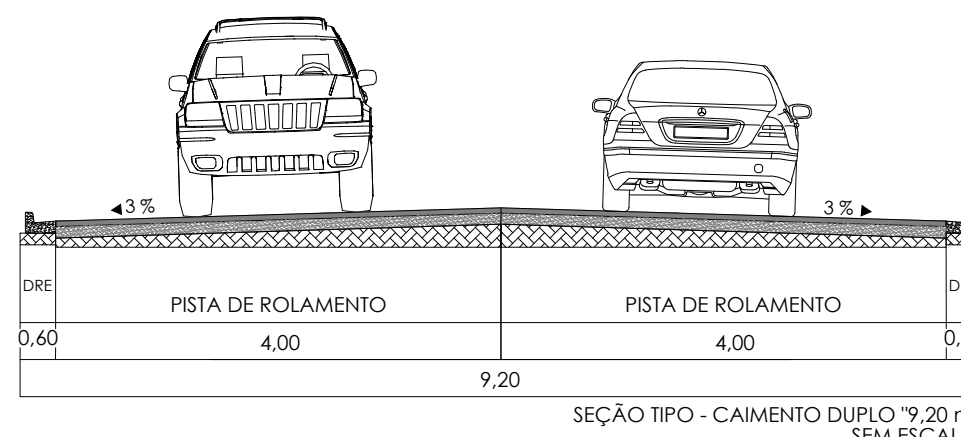
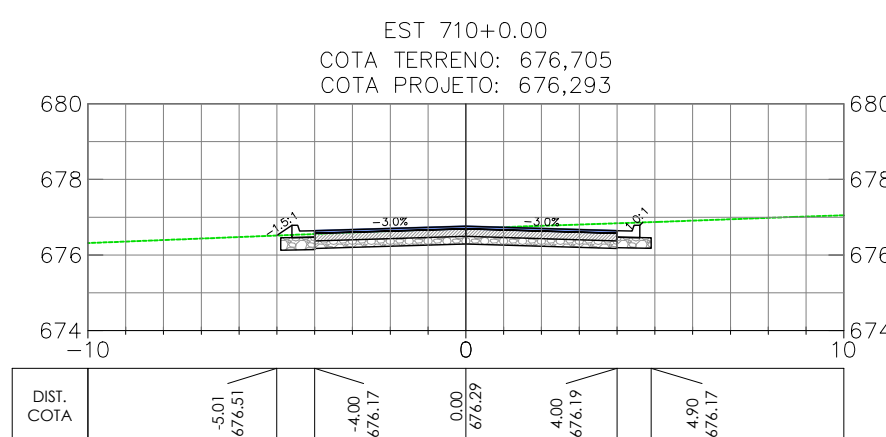
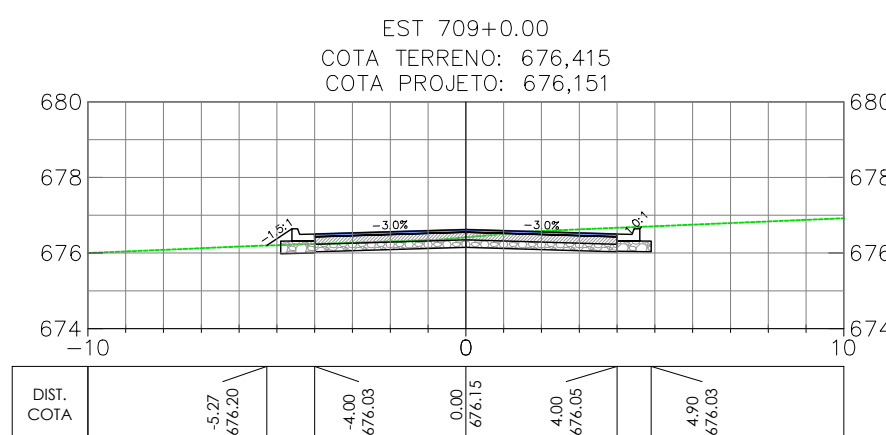
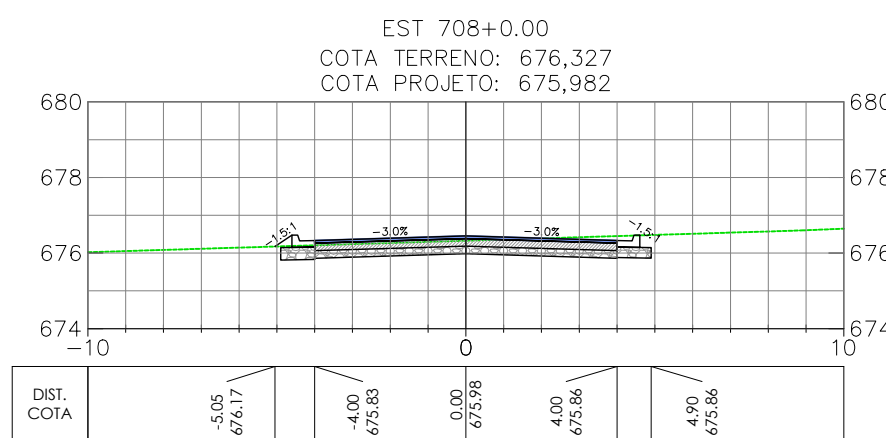
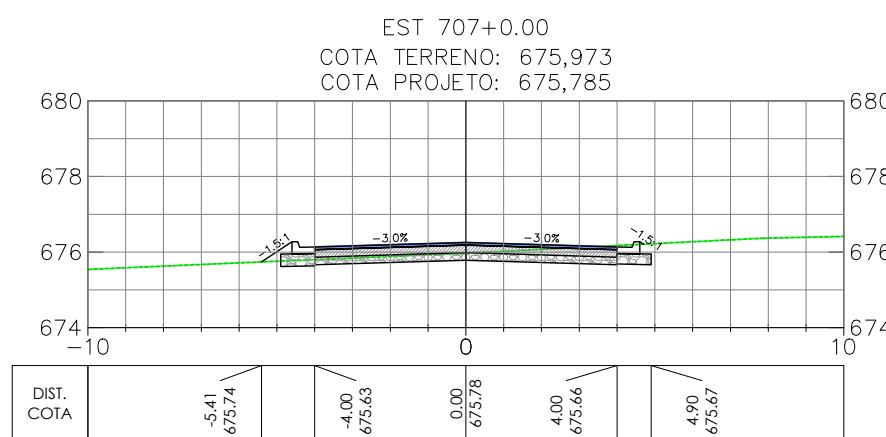
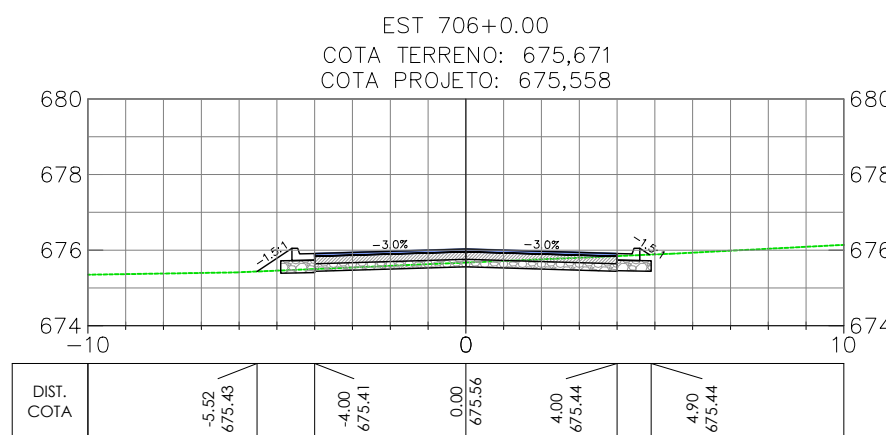
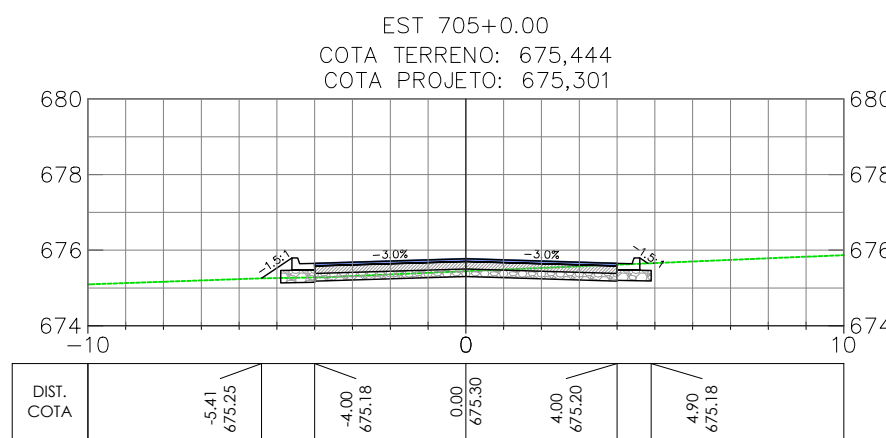
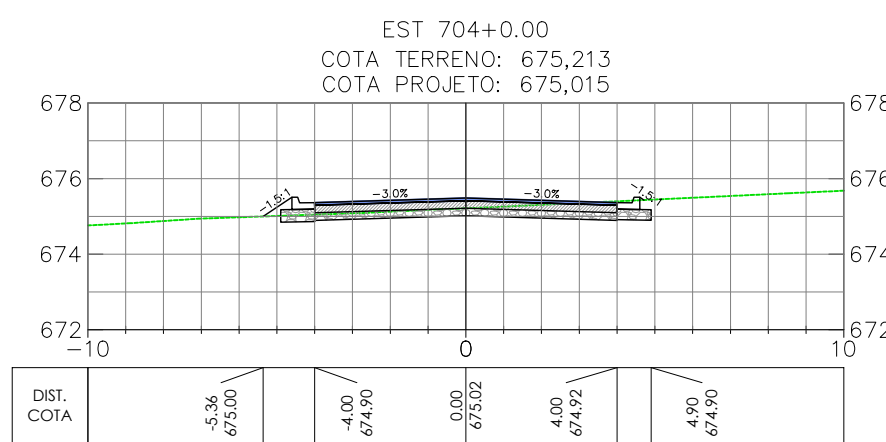
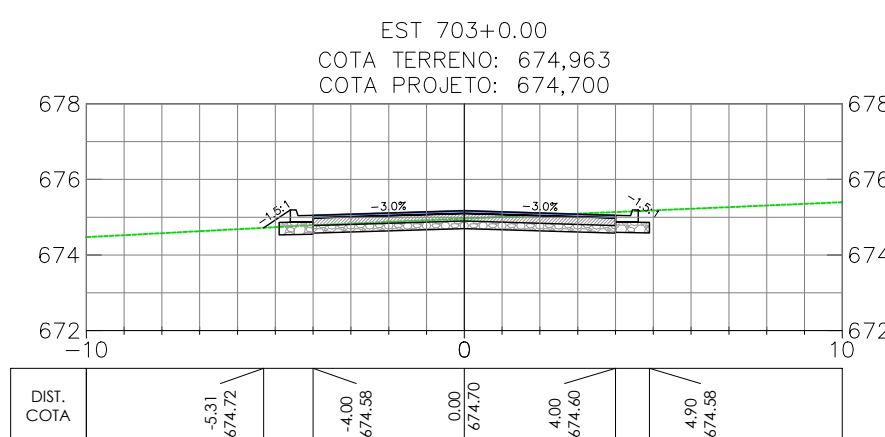
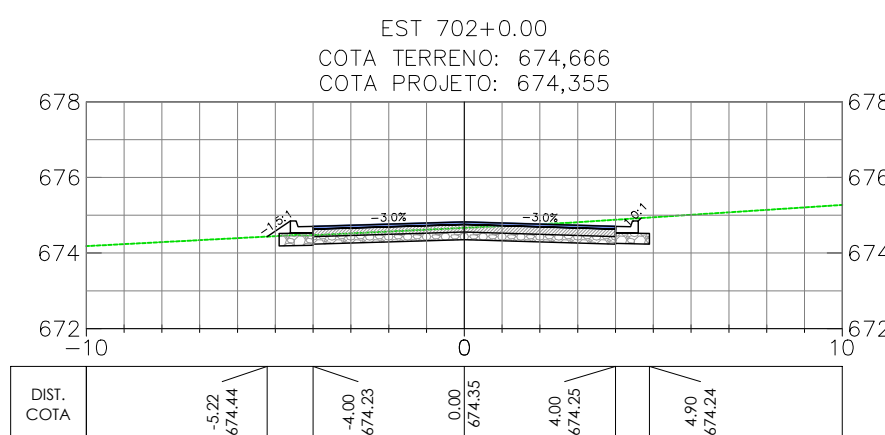
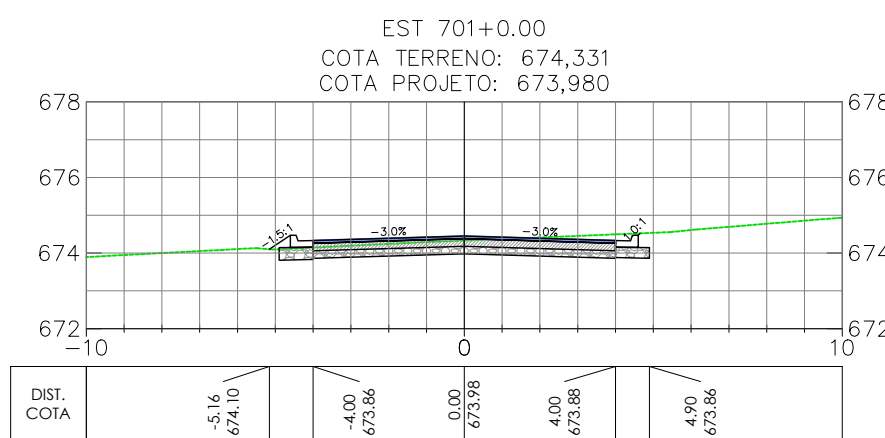
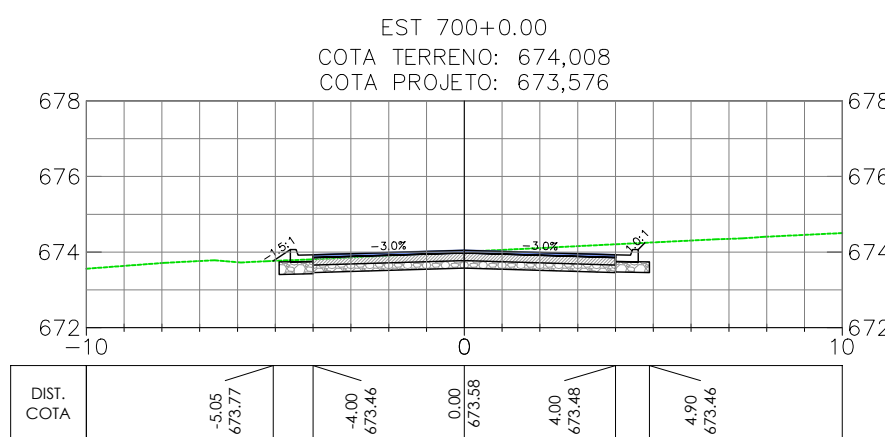
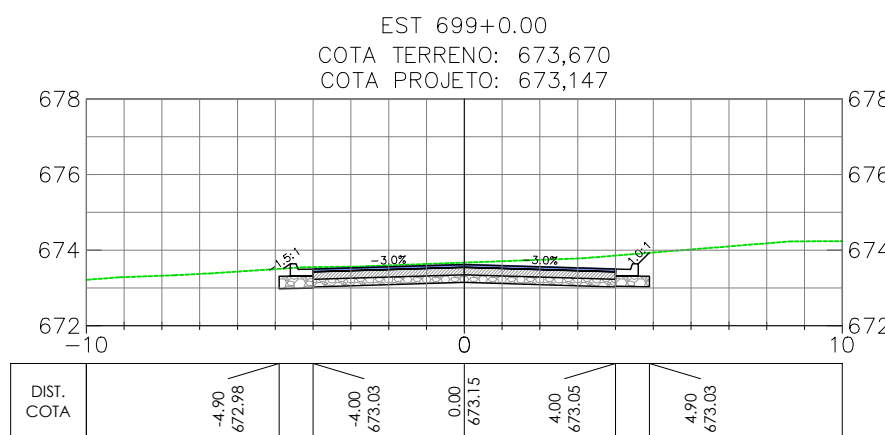
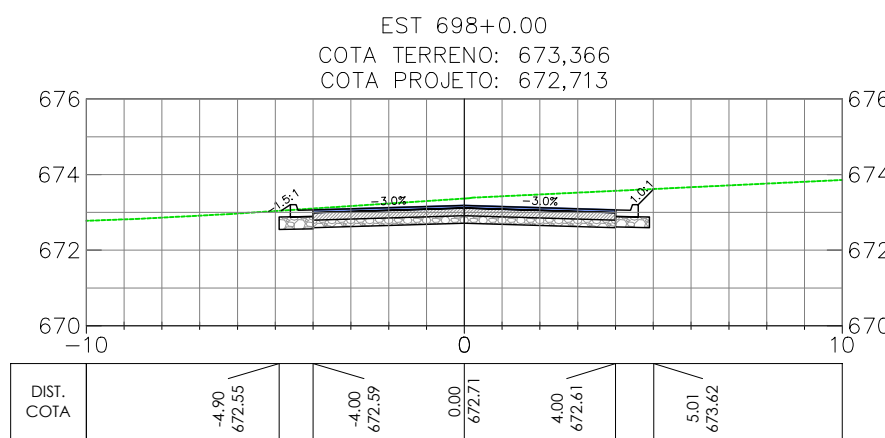
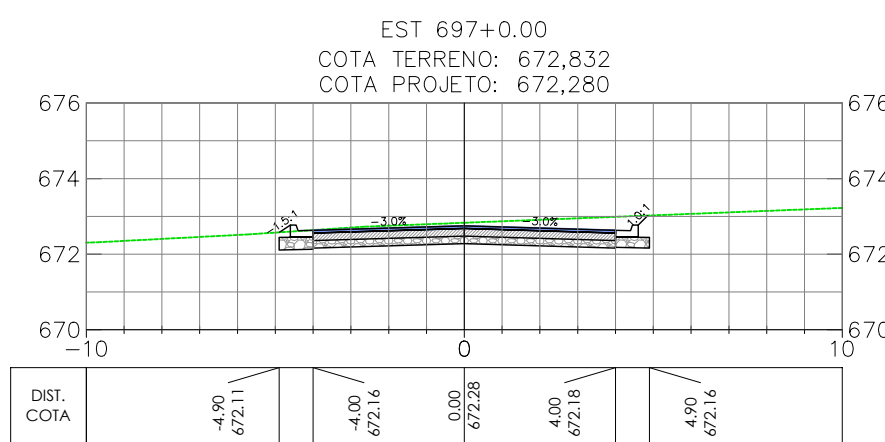
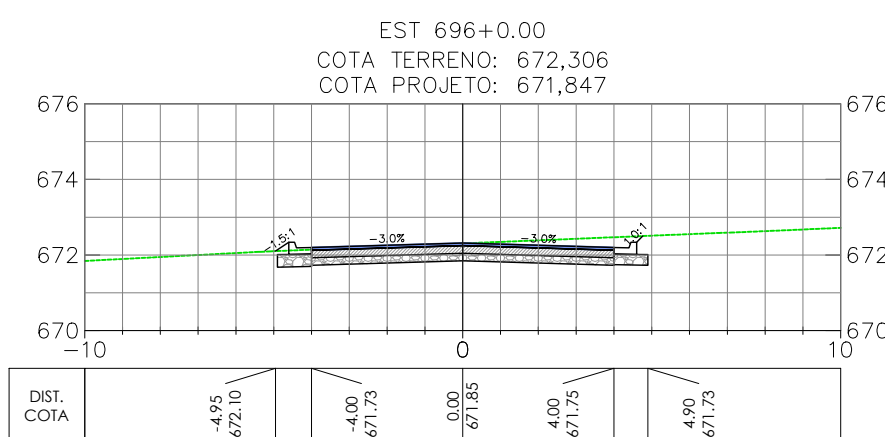
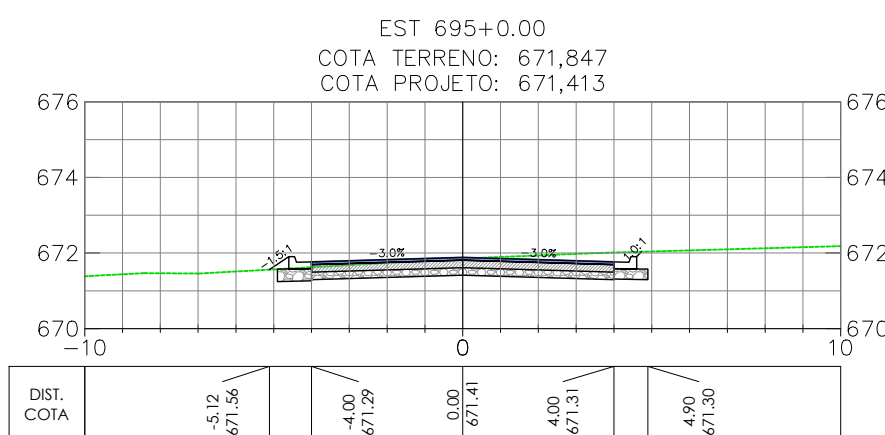
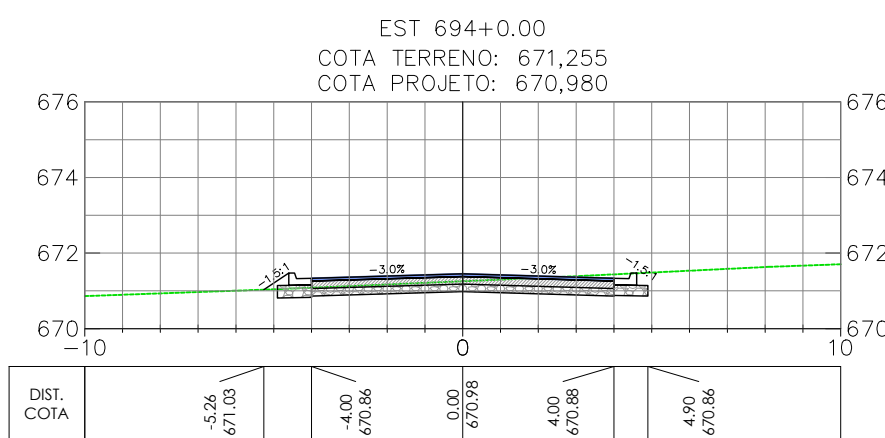
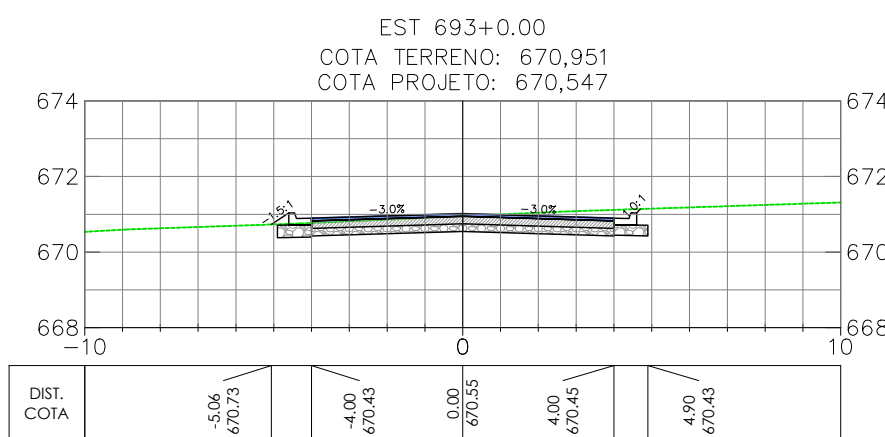
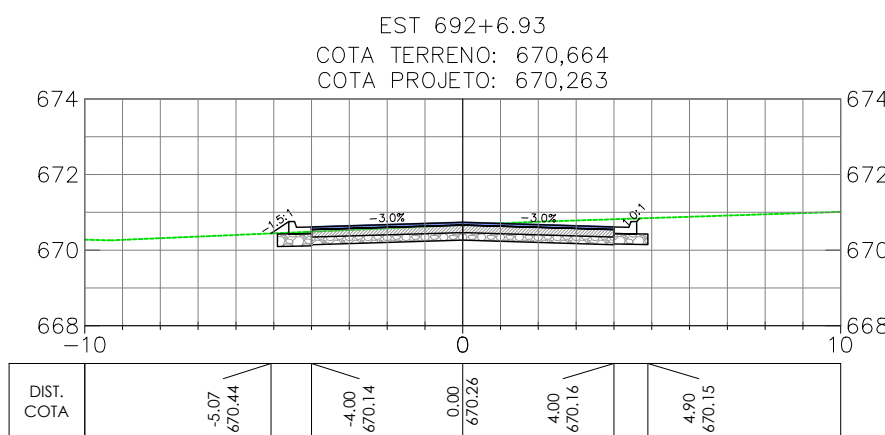
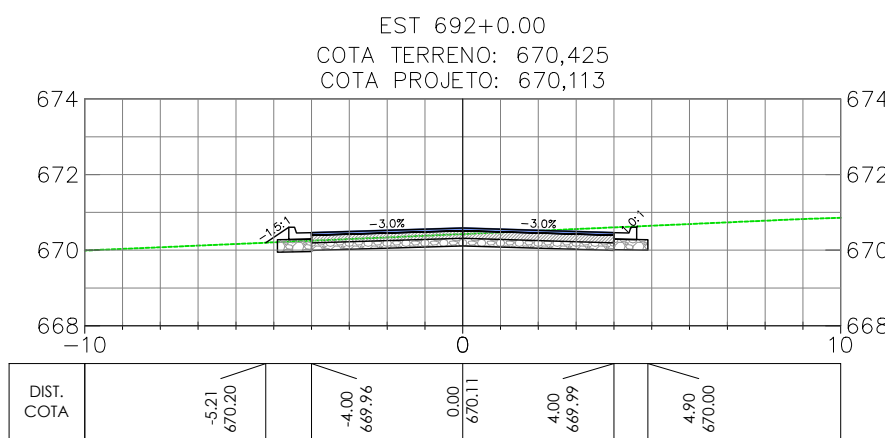
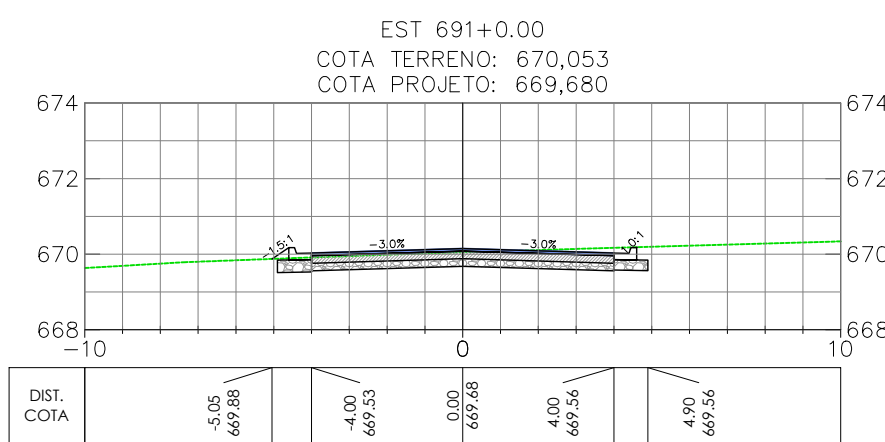
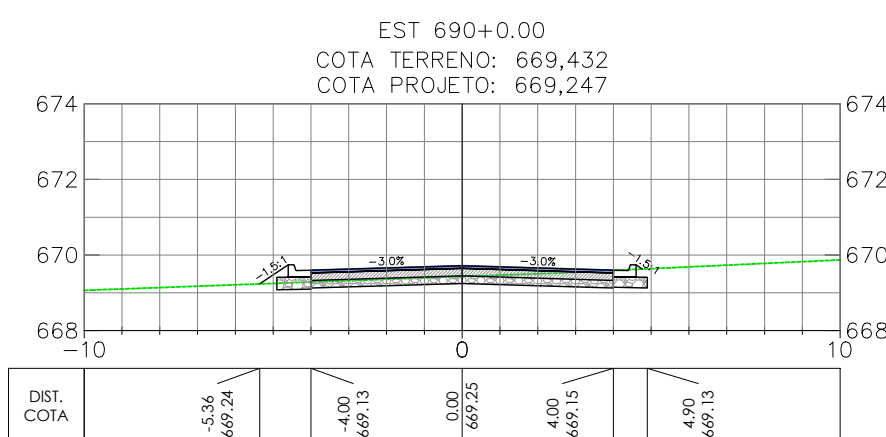
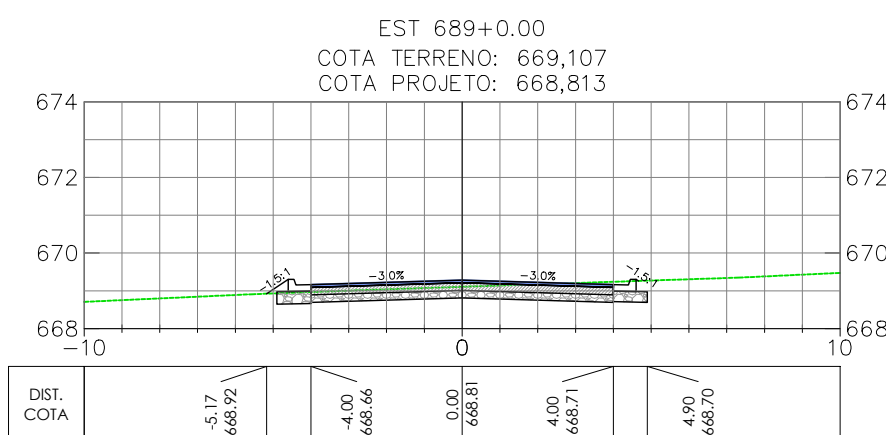
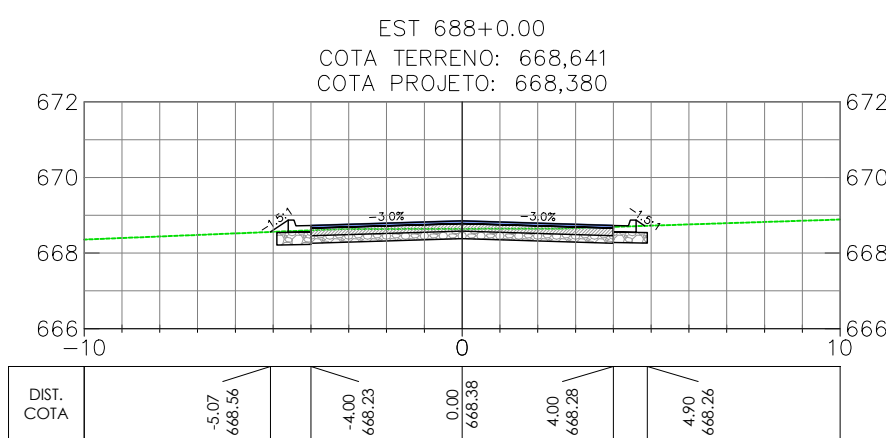
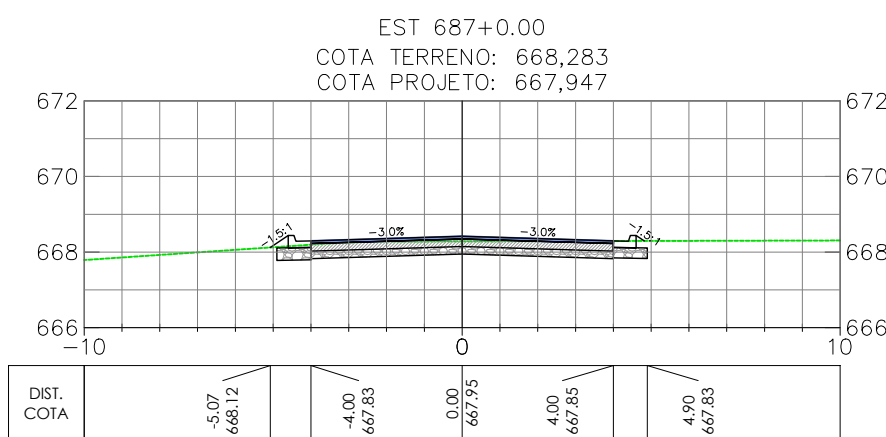
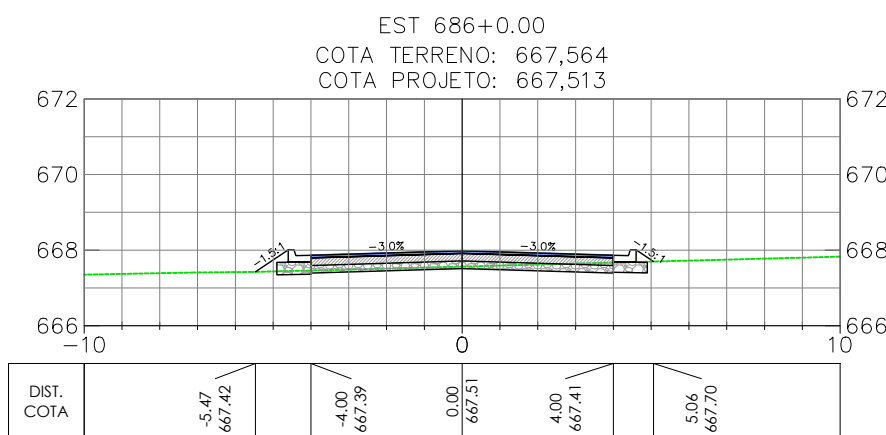
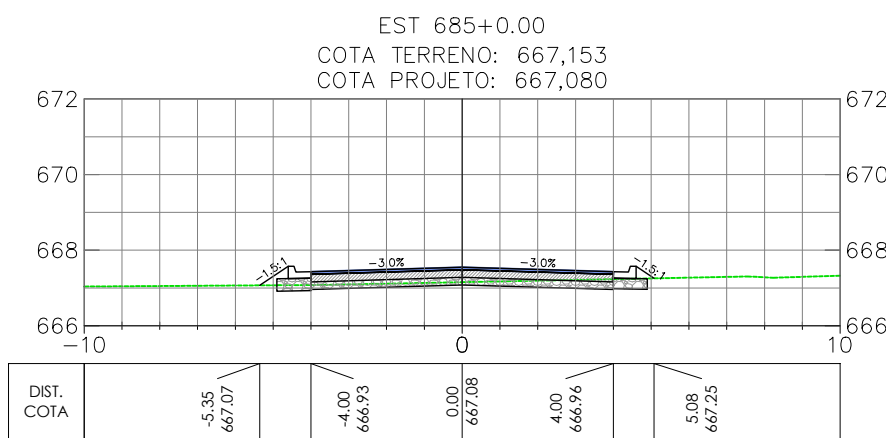
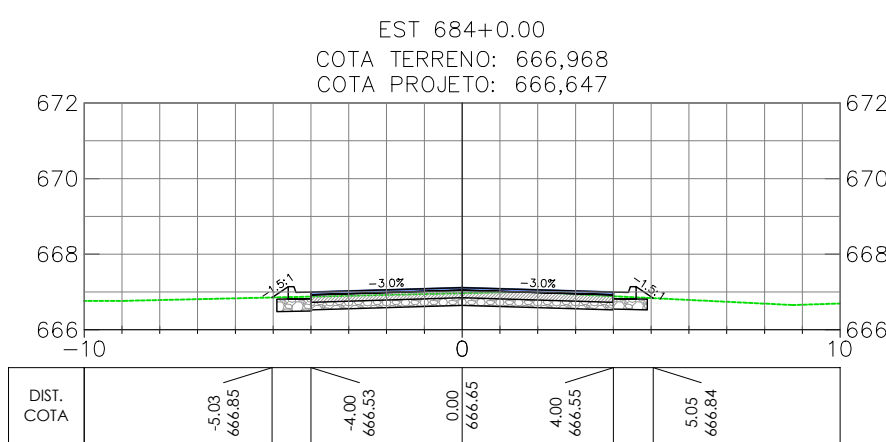
DATA: JULHO/2022	ESCALA: 1:200	CÓDIGO: PRJ-TER
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TÍTULO DOS DESENHOS: SEÇÕES TRANSVERSAIS - ANEL RODOVÁRIO (EST. 664+0.00 A EST. 683+0.00) SEÇÃO TIPO	PRINCHA: 30/39
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DIREITOS AUTORAIS RESERVADOS: PROIBIDO REPRODUÇÃO, DIVULGAÇÃO OU ALTERAÇÃO SEM EXPRESSA PERMISSÃO DO AUTOR.	TÍTULO DOS DESENHOS: PRJ-EXE-TER-PRD-ARO-0181-REV02
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Anel Rodoviário



OBSERVAÇÕES

- OBSERVAÇÕES GERAIS:  
1 - MEDIDAS, COORDENADAS E ELEVÇÕES EM METRO, EXCETO ONDE INDICADO  
2 - PODERÃO OCORRER AJUSTES EM CAMPO QUANDO A EXECUÇÃO DA OBRA POR DETERMINAÇÃO DA PREFEITURA.

LEGENDA

— EIXO PROJETADO  
- - - TERRENO NATURAL

REVISÃO	DESCRIÇÃO	TIPO	ELABORADO	VERIFICADO	DATA
00	EMIÇÃO INICIAL	EXE	GMT	LGR	15/09/2021
01	REVISÃO	EXE	CLP	LGR	04/02/2022
02	REVISÃO	EXE	IFT	LGR	09/08/2022

TIPOS DE EMISSÃO	ATP - ANTEPROJETO BSC - BÁSICO EXE - EXECUTIVO	APV - APROVADO PCT - P/ CONSTRUÇÃO ASB - "AS BUILT"	CNC - CANCELADO
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**OBJETIVA** OBJETIVA PROJETOS E SERVIÇOS  
ALAMEDA OSCAR NIEMAYER, Nº500, SALA 505 - VALE DO SERENO  
NOVA LIMA-MO - CEP: 34.008-056  
TEL.: (31) 3347-4405 / (31) 3347-7079 / (31) 3571-1920  
EMAIL: contata@grupoprojetosengenharia.com.br



PREFEITURA MUNICIPAL DE BOM DESPACHO

PRAÇA RIMA ALBUQUERQUE, Nº45 - CENTRO  
BOM DESPACHO-MG - CEP: 35.600-000  
TEL: 0800 285 9797

PROJETO DE INFRAESTRUTURA

ANEL RODOVIÁRIO LIGAÇÃO ENTRE BR-262 E MG-164, BOM DESPACHO-MG

PROJETO DE TERRAPLENAGEM

AUTORIA DO PROJETO:	CONTRATANTE DO PROJETO:
JULIANA GONÇALVES OLIVEIRA CREA MG - 238787/D	RESPONSÁVEL DA CONTRATANTE

DATA:	ESCALA:	CÓDIGO:
JULHO/2022	1:200	PRJ-TER

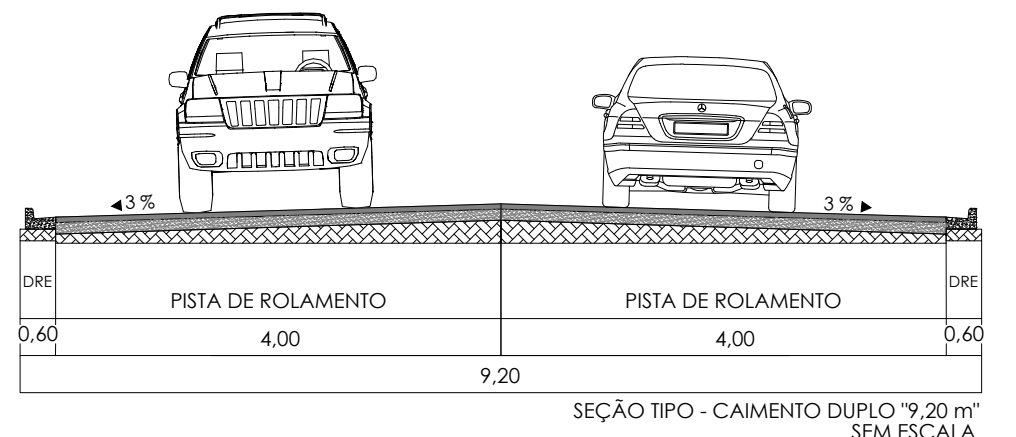
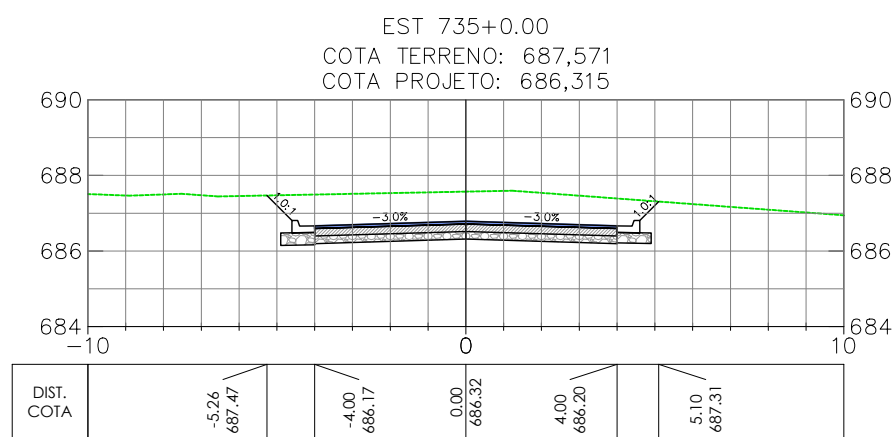
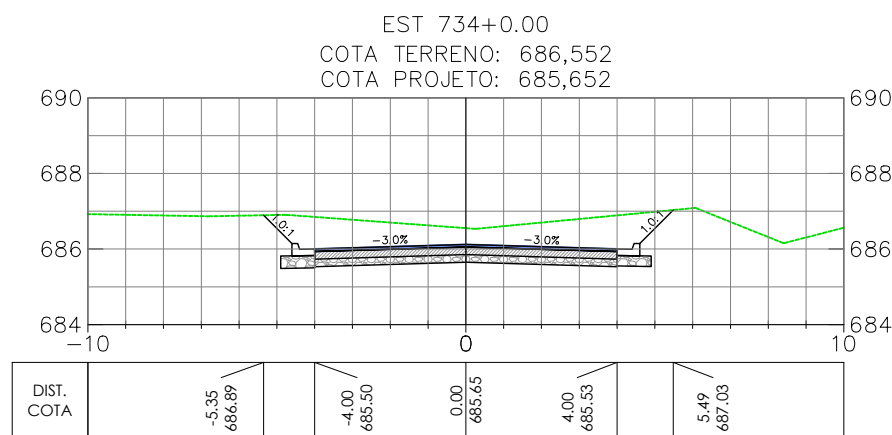
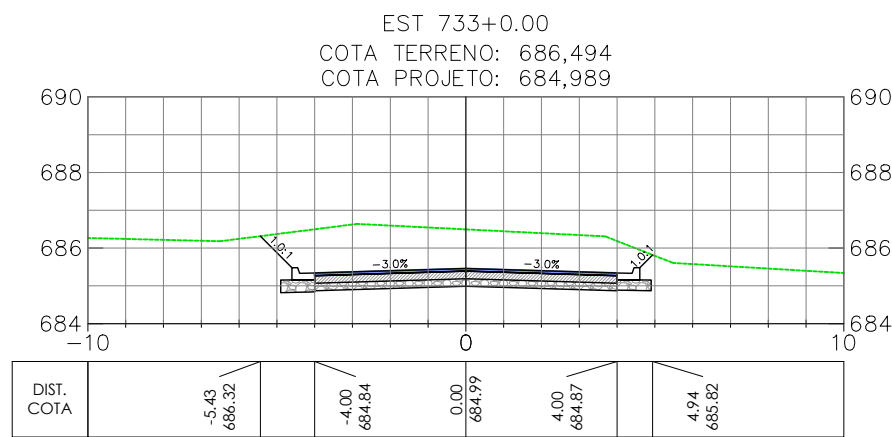
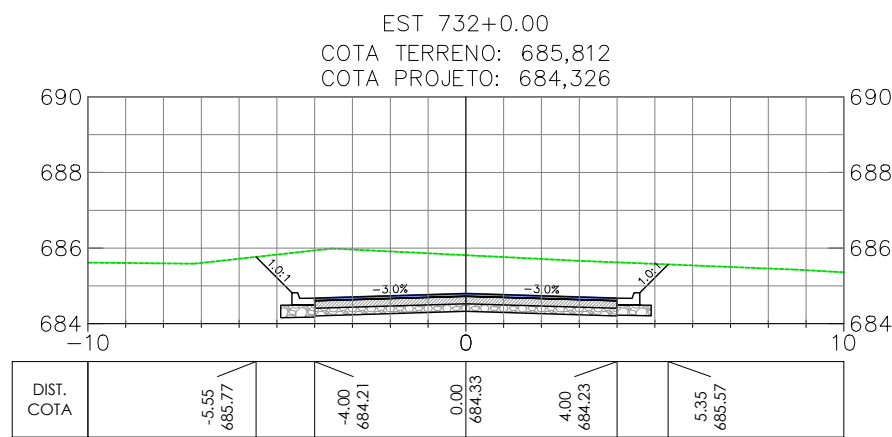
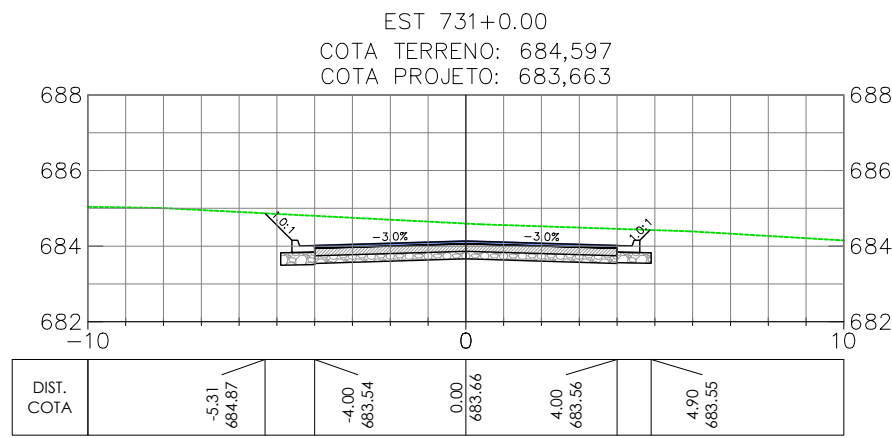
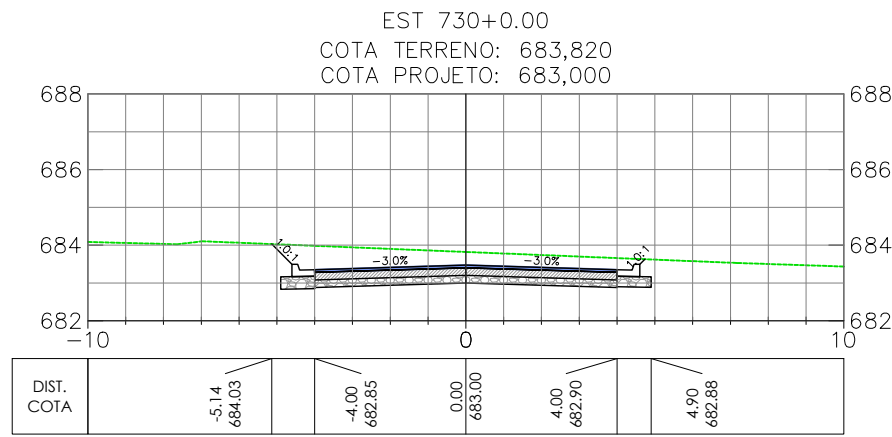
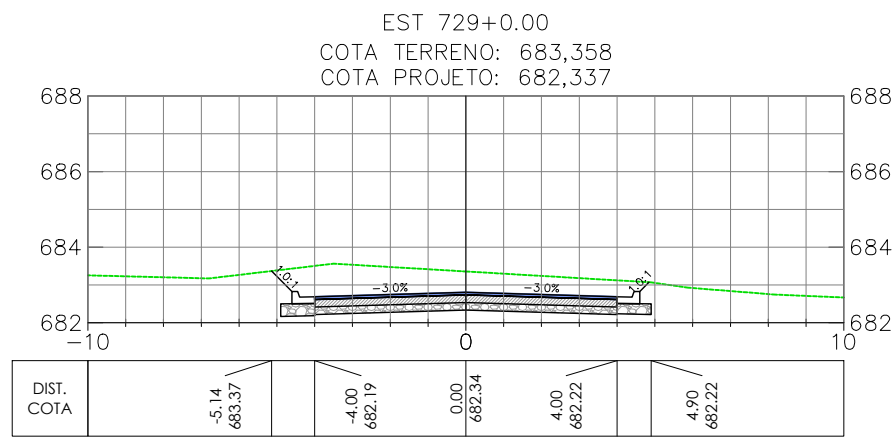
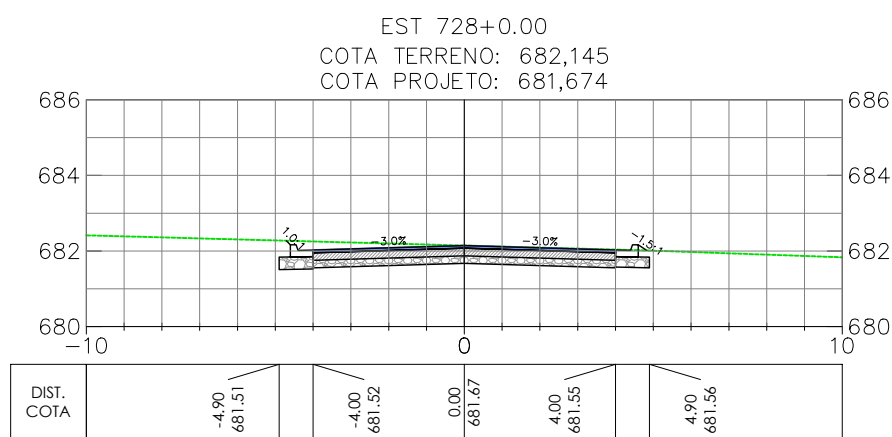
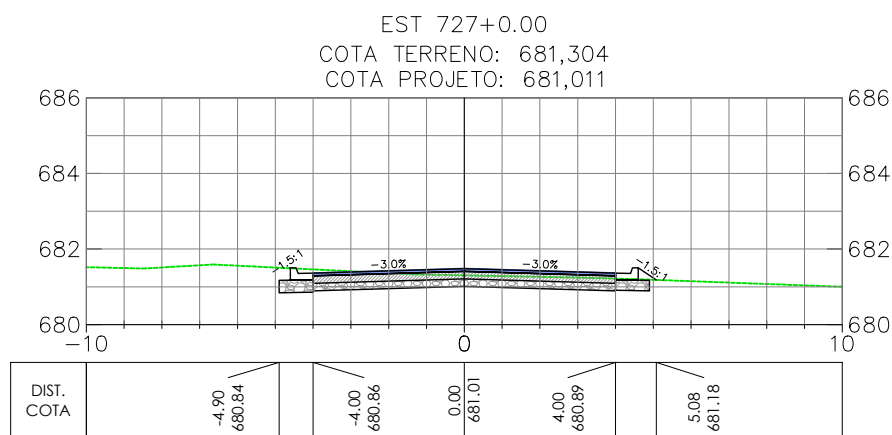
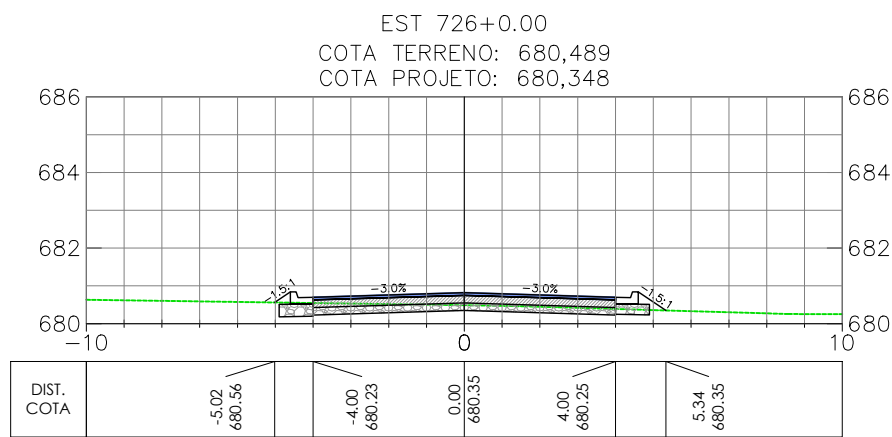
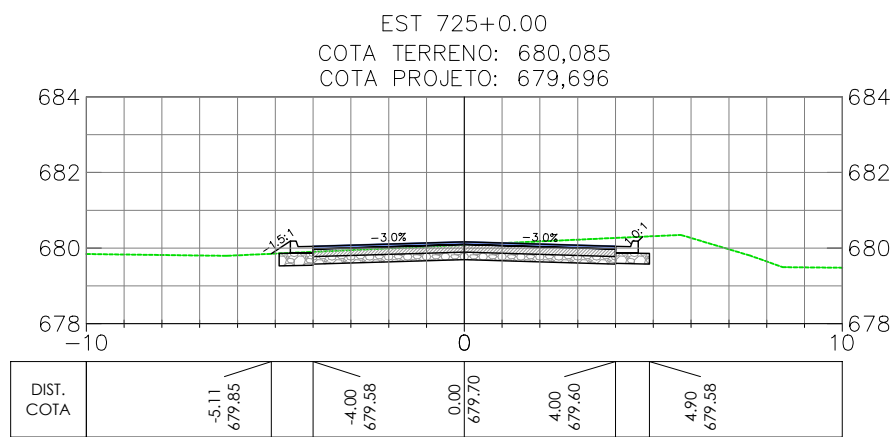
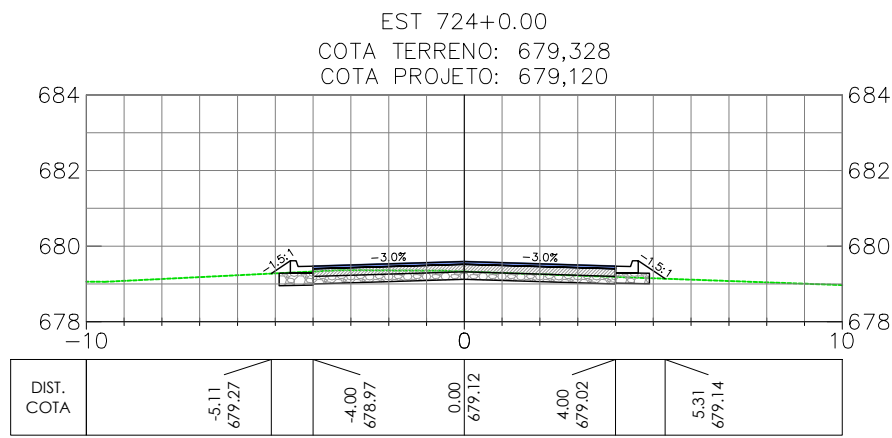
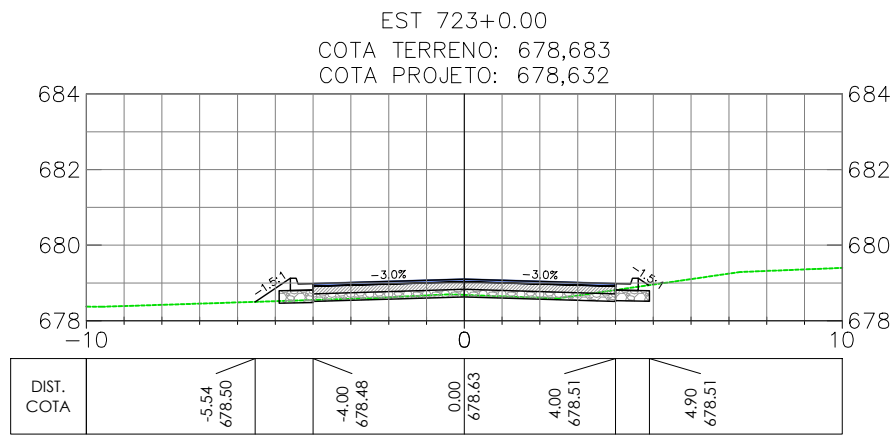
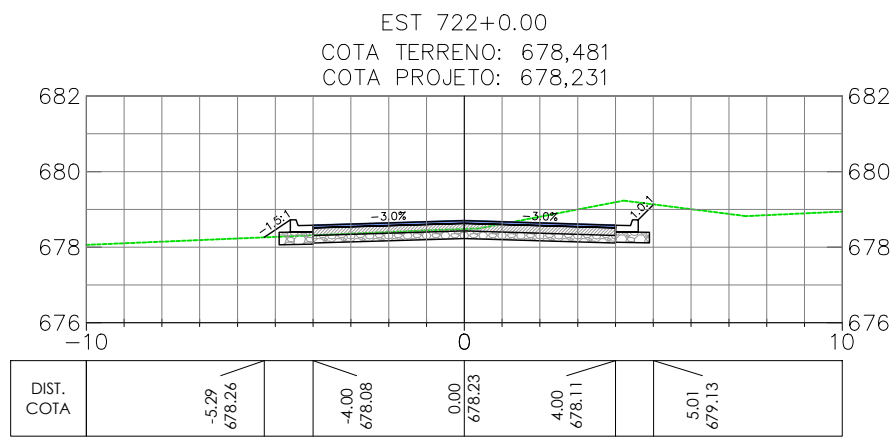
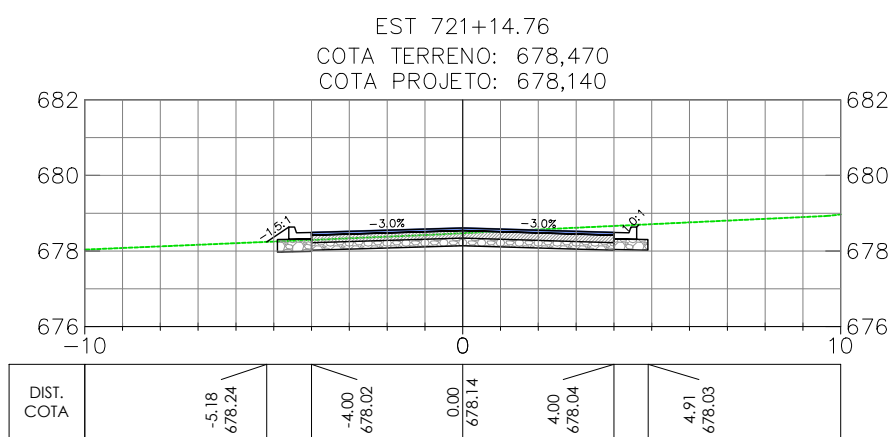
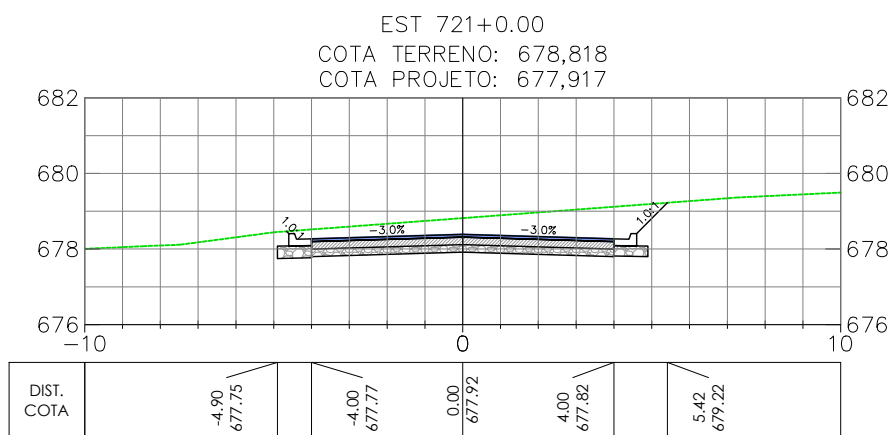
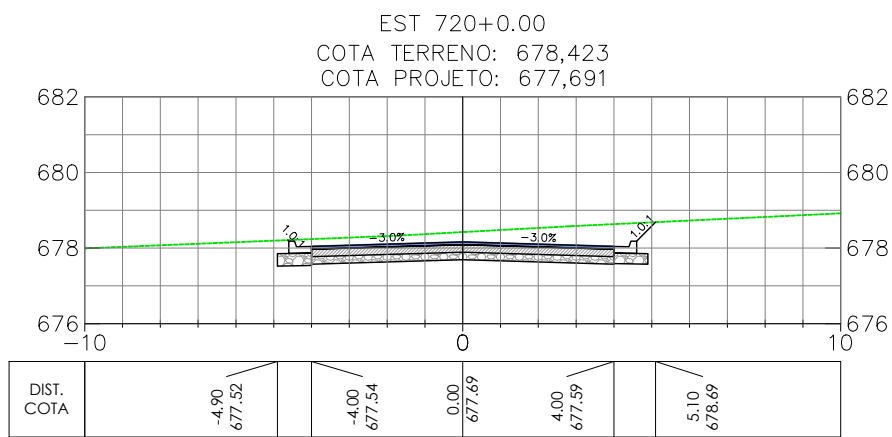
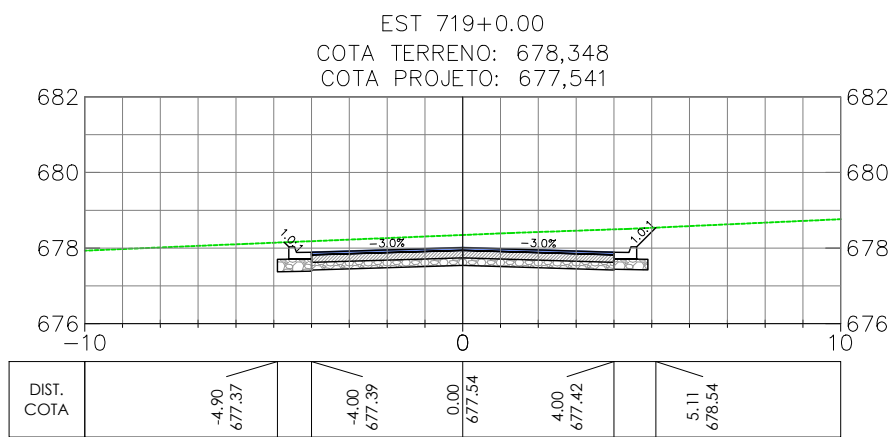
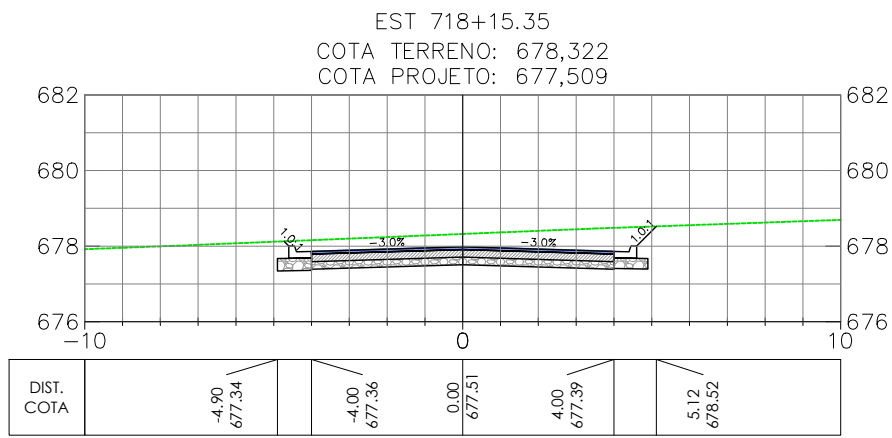
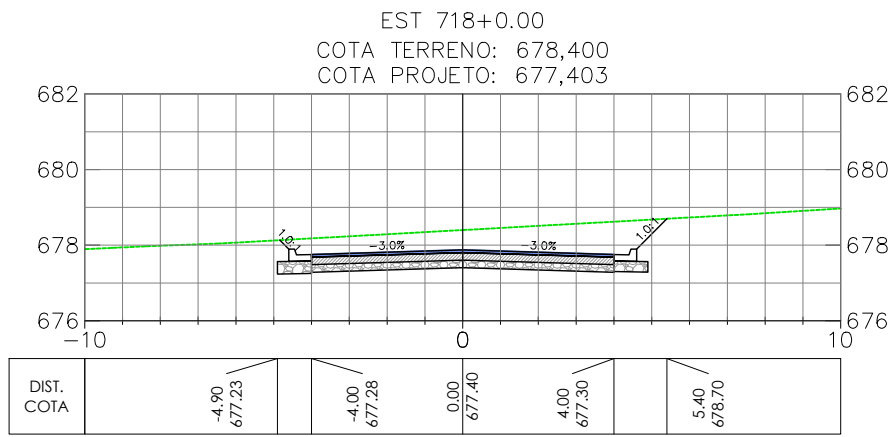
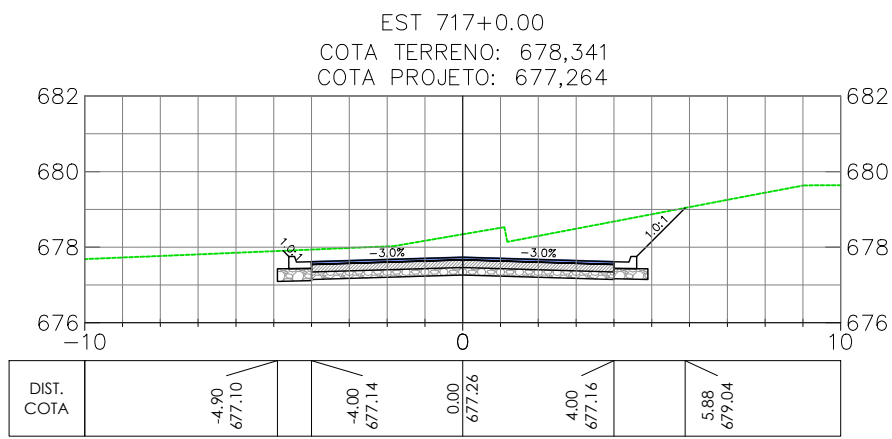
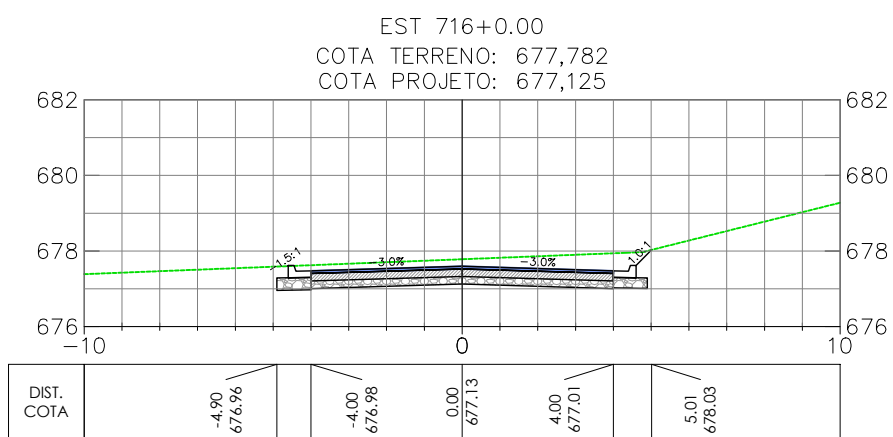
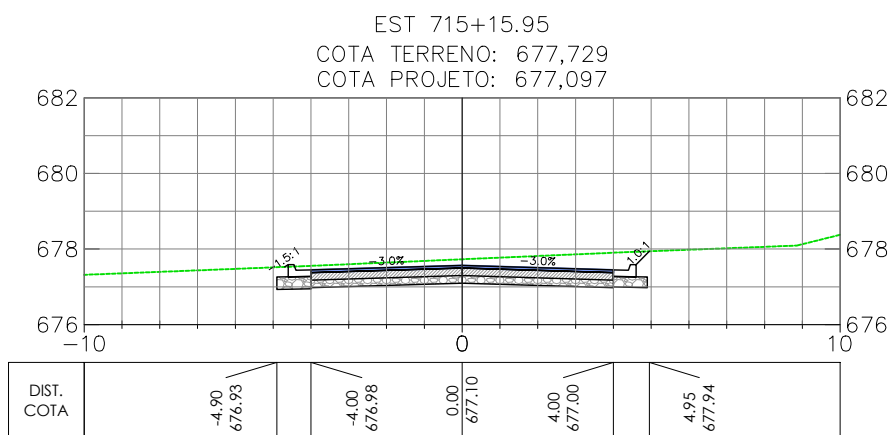
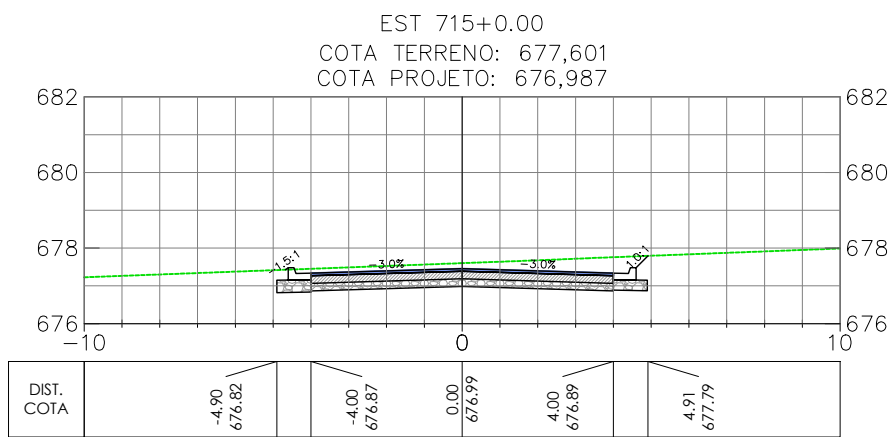
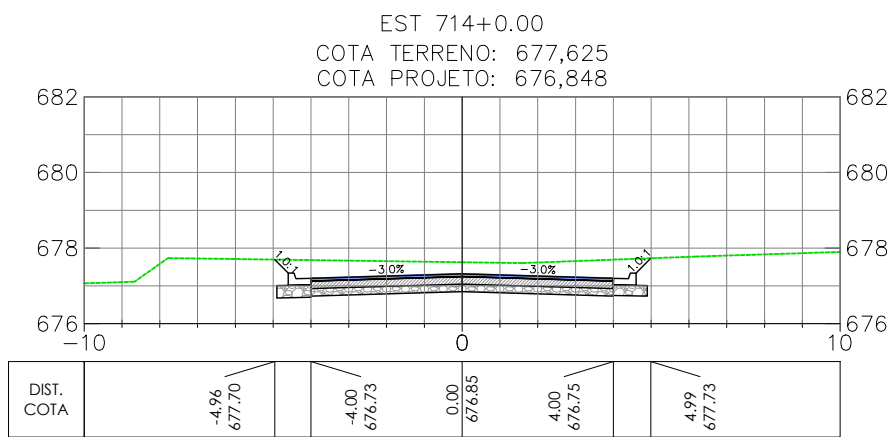
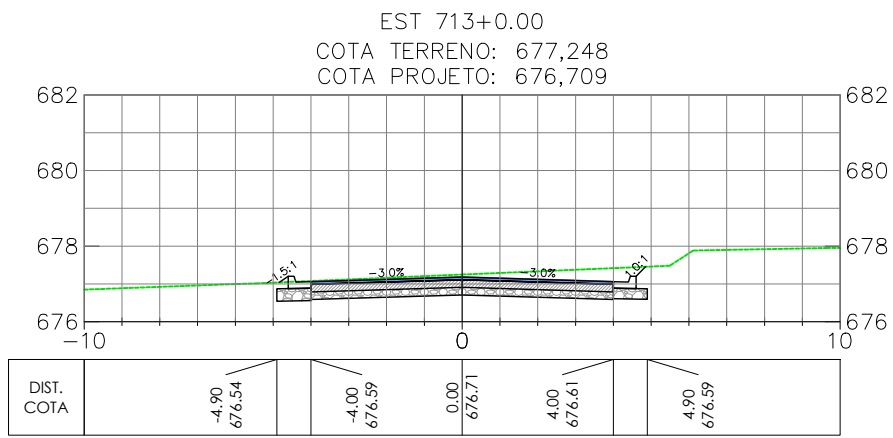
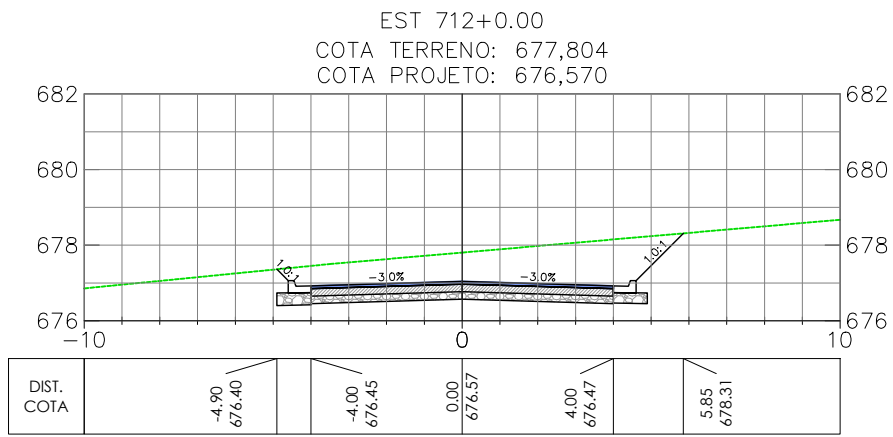
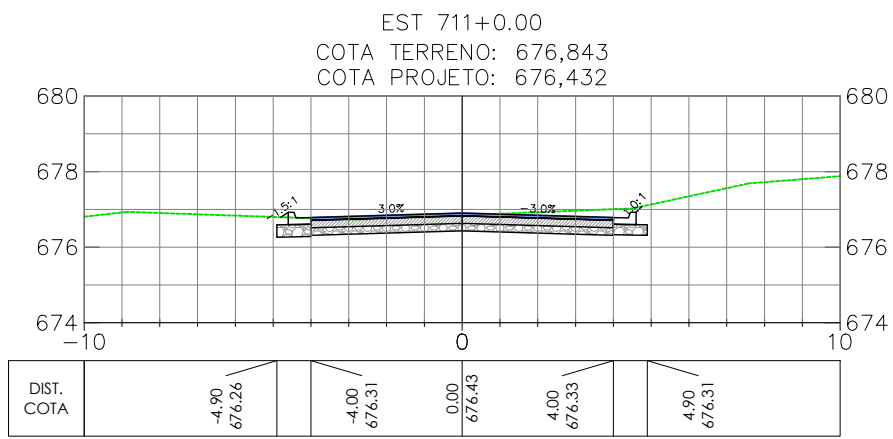
TÍTULO DOS DESENHOS:  
SEÇÕES TRANSVERSAIS - ANEL RODOVIÁRIO (EST. 684+0.00 A EST. 710+0.00)  
SEÇÃO TIPO

DIREITOS AUTORAIS RESERVADOS: PROIBIDO REPRODUÇÃO, DIVULGAÇÃO OU ALTERAÇÃO SEM ORDEM EXPRESSA DO AUTOR.

TÍTULO DOS DESENHOS:  
PRJ-EXE-TER-P80-ARQ-0181-REV02



Anel Rodoviário



OBSERVAÇÕES

- OBSERVAÇÕES GERAIS:  
1 - MEDIDAS, COORDENADAS E ELEVÇÕES EM METRO, EXCETO ONDE INDICADO  
2 - PODERÃO OCORRER AJUSTES EM CAMPO QUANDO A EXECUÇÃO DA OBRA POR DETERMINAÇÃO DA PREFEITURA.

LEGENDA

- EIXO PROJETADO  
- - - TERRENO NATURAL

REVISÃO	DESCRIÇÃO	TIPO	ELABORADO	VERIFICADO	DATA
00	EMIÇÃO INICIAL	EXE	GMT	LGR	15/09/2021
01	REVISÃO	EXE	CLP	LGR	04/02/2022
02	REVISÃO	EXE	IFT	LGR	09/08/2022

TIPOS DE EMISSÃO	ATP - ANTEPROJETO BSC - BÁSICO EXE - EXECUTIVO	APV - APROVADO PCT - P/ CONSTRUÇÃO ASB - "AS BUILT"	CNC - CANCELADO
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**OBJETIVA** OBJETIVA PROJETOS E SERVIÇOS  
ALAMEDA OSCAR NIEMAYER, Nº500, SALA 505 - VALE DO SERENO  
NOVA LIMA-MO - CEP: 34.008-056  
TEL.: (31) 3347-4405 / (31) 3347-7079 / (31) 3571-1920  
EMAIL: contata@grupoprojetosengenharia.com.br



PREFEITURA MUNICIPAL DE BOM DESPACHO

PRAÇA RIMA ALBUQUERQUE, Nº45 - CENTRO  
BOM DESPACHO-MG - CEP: 35.600-000  
TEL: 0800 285 3737

PROJETO DE INFRAESTRUTURA

ANEL RODOVIÁRIO LIGAÇÃO ENTRE BR-262 E MG-164, BOM DESPACHO-MG

PROJETO DE TERRAPLENAGEM

AUTORIA DO PROJETO:	CONTRATANTE DO PROJETO:
JULIANA GONÇALVES OLIVEIRA CREA MG - 239787/D	RESPONSÁVEL DA CONTRATANTE

DATA: JULHO/2022	ESCALA: 1:200	CÓDIGO: PRJ-TER
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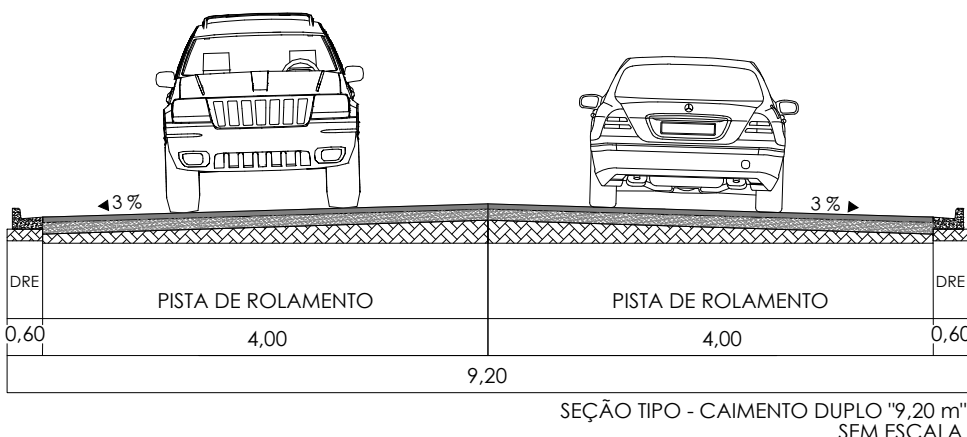
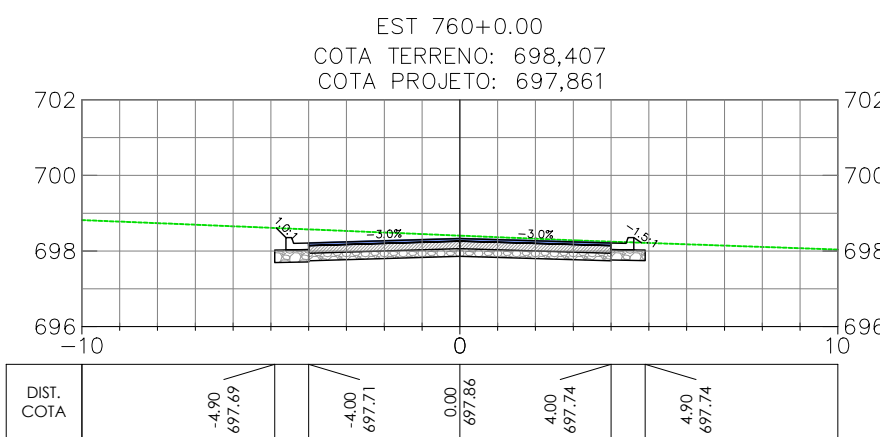
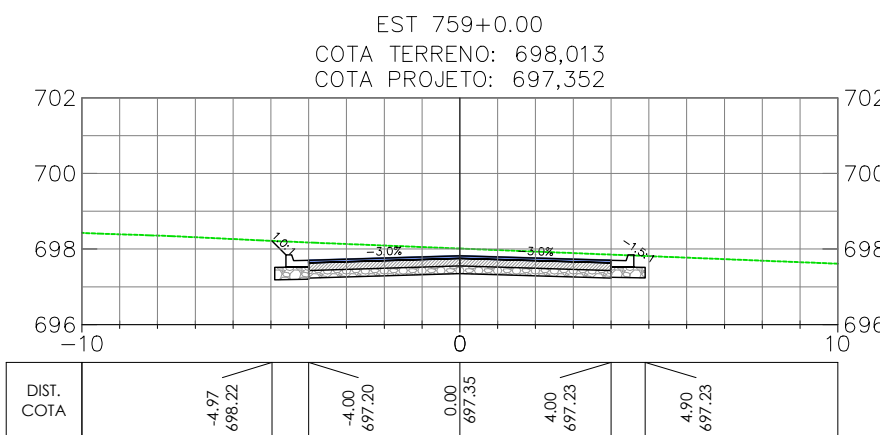
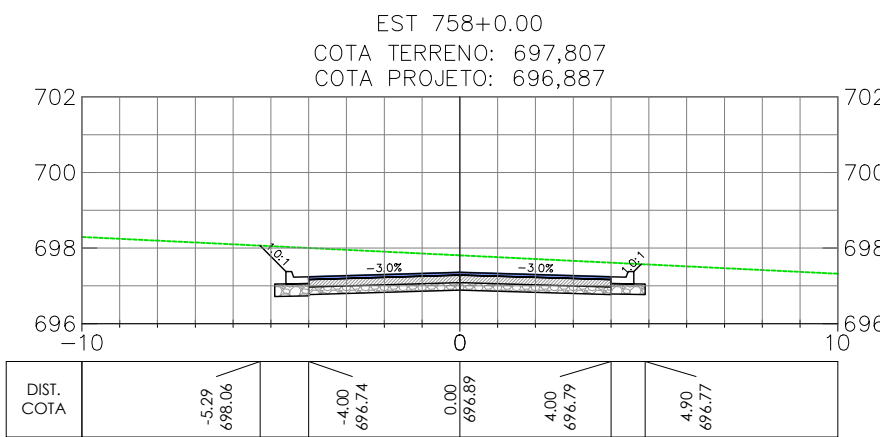
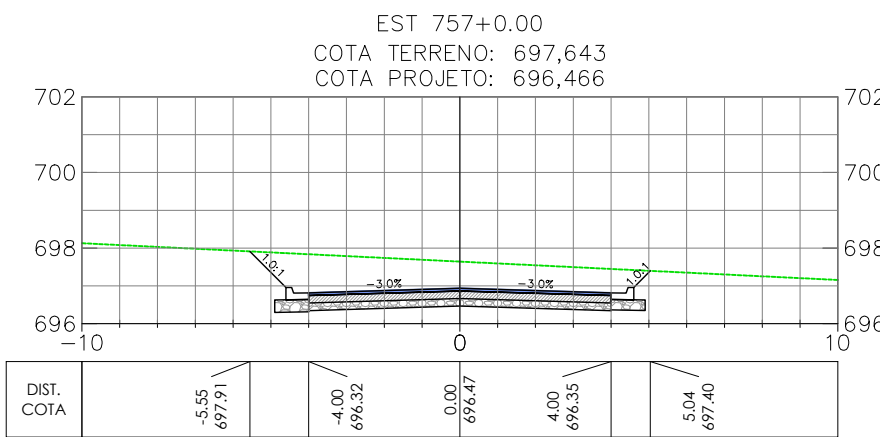
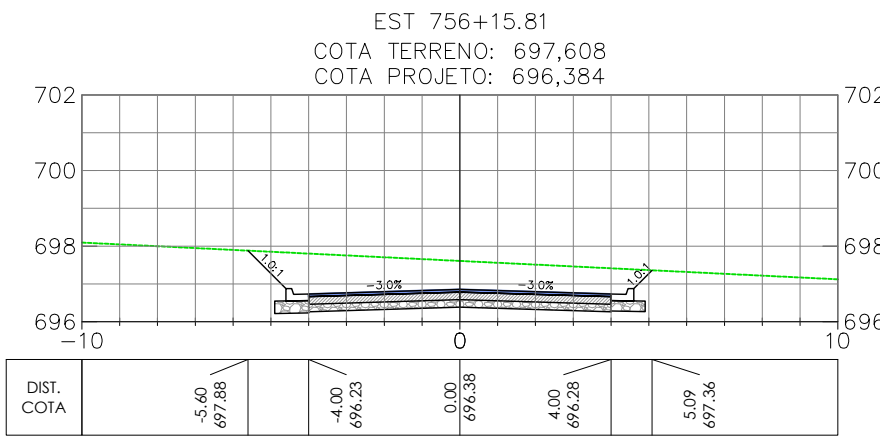
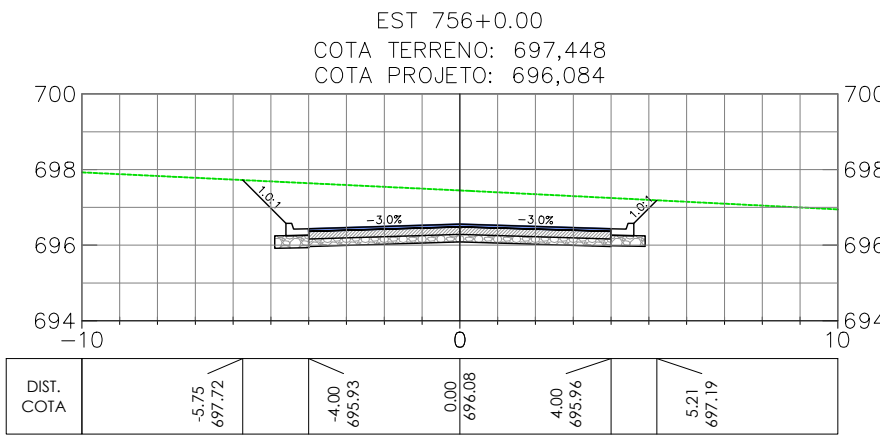
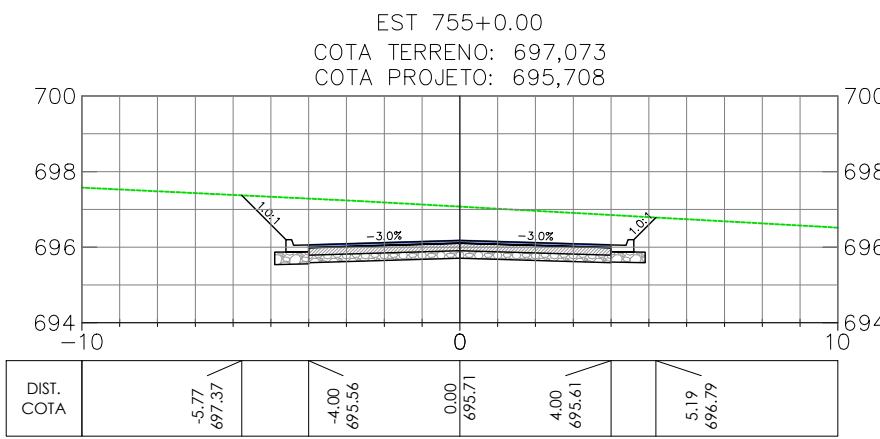
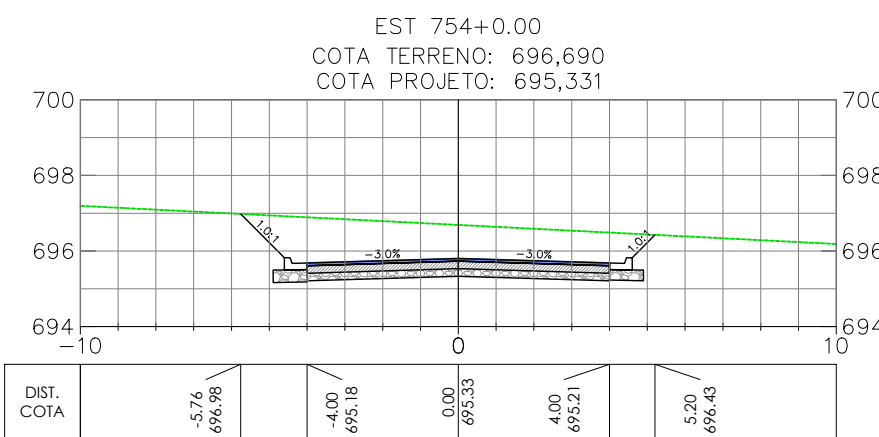
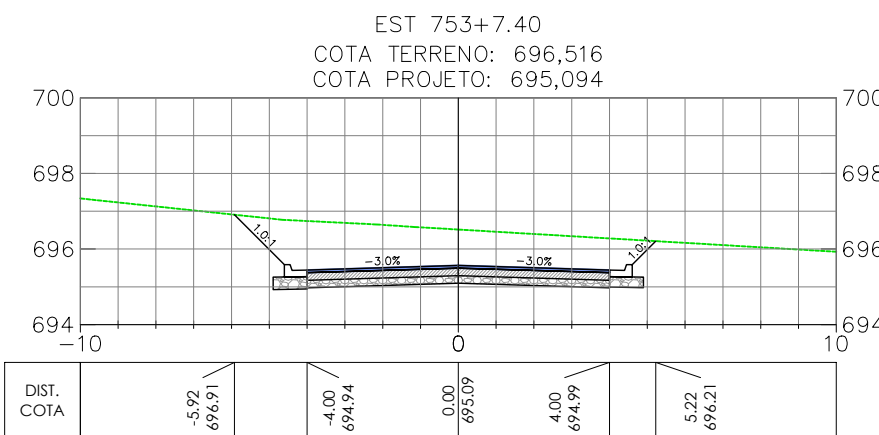
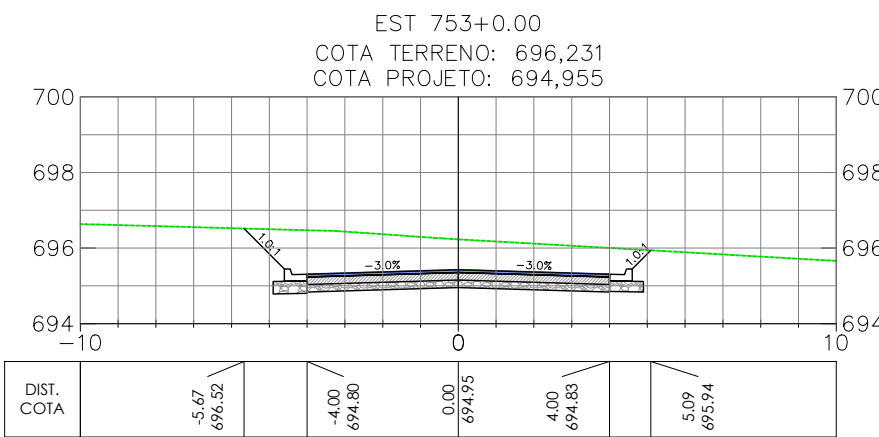
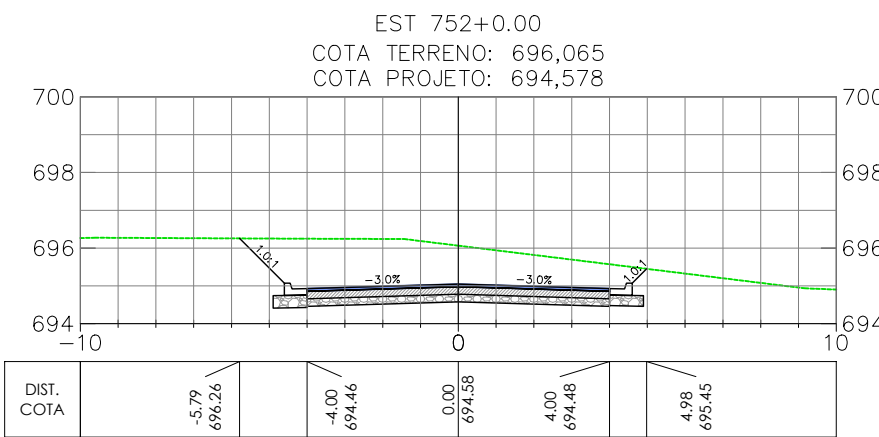
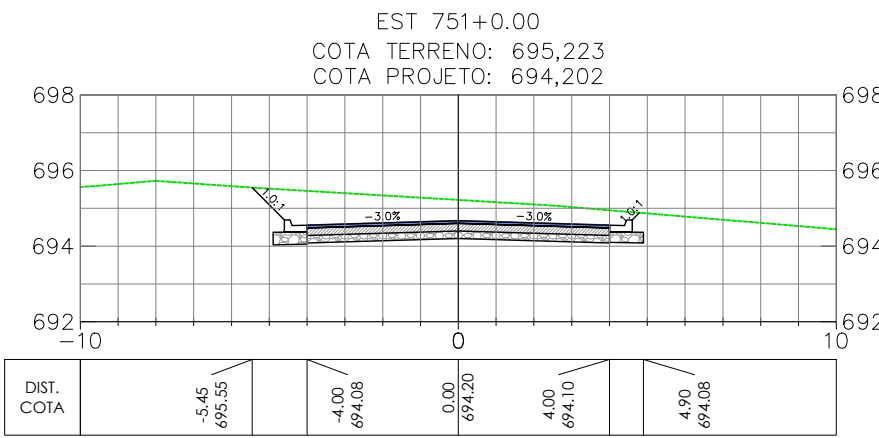
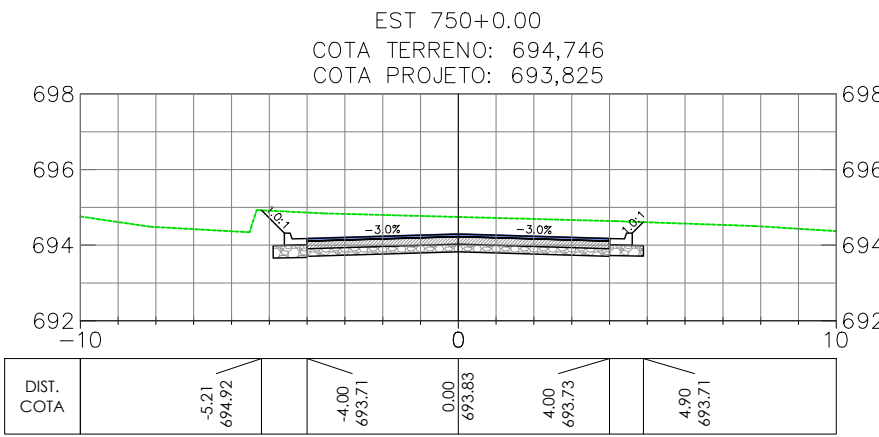
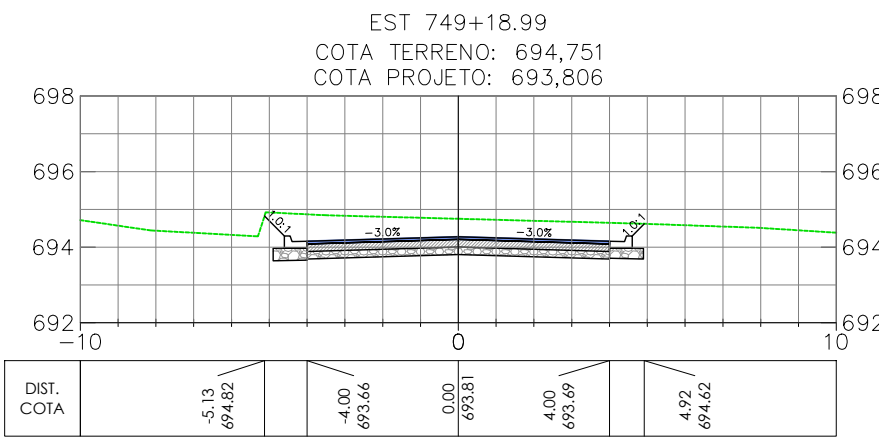
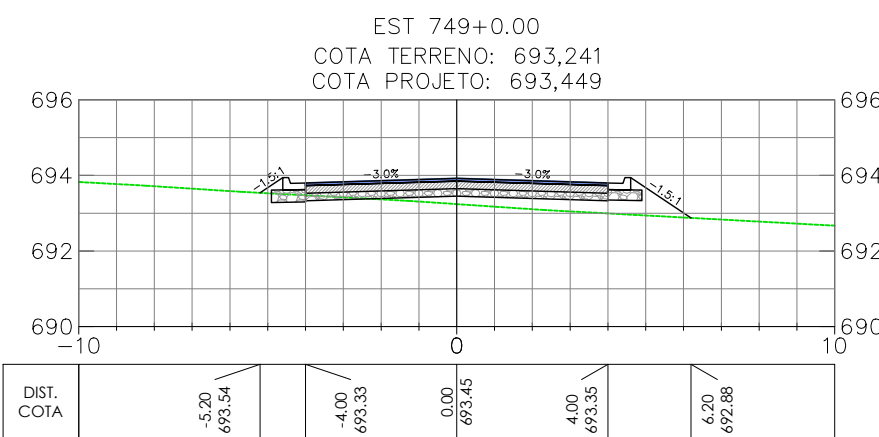
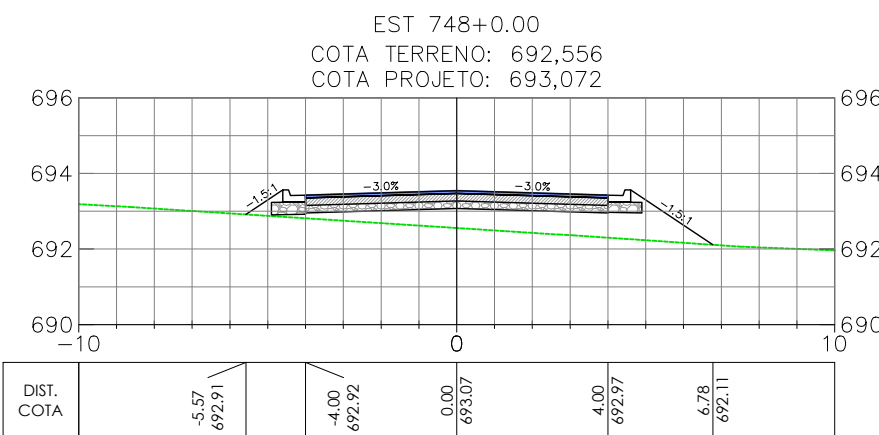
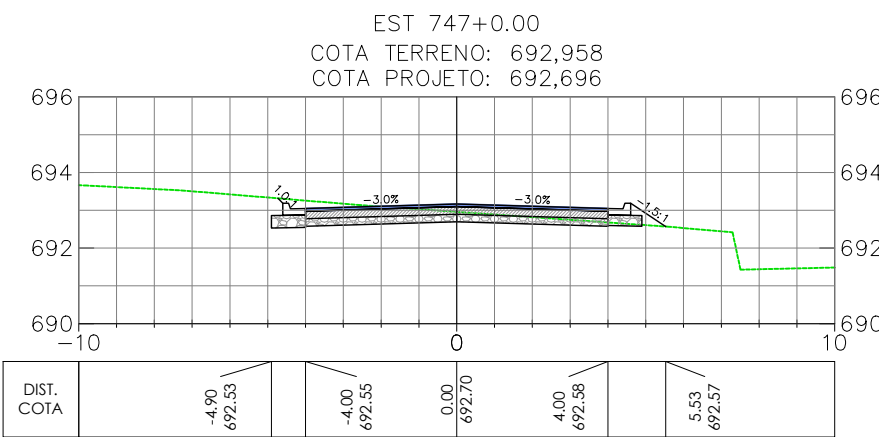
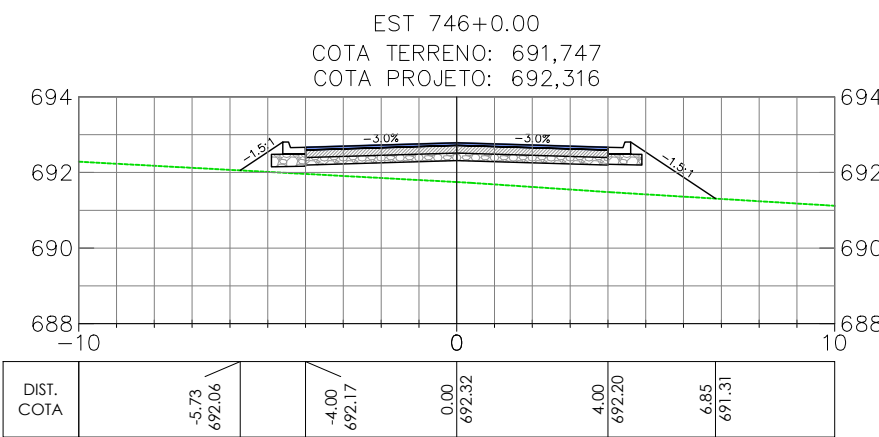
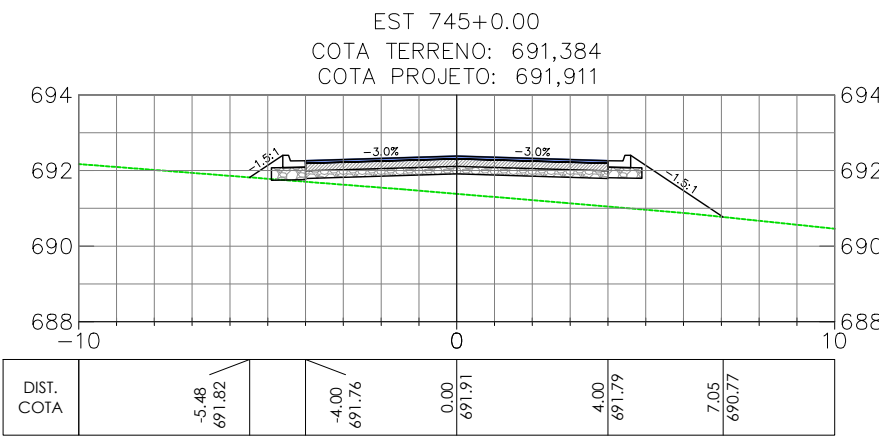
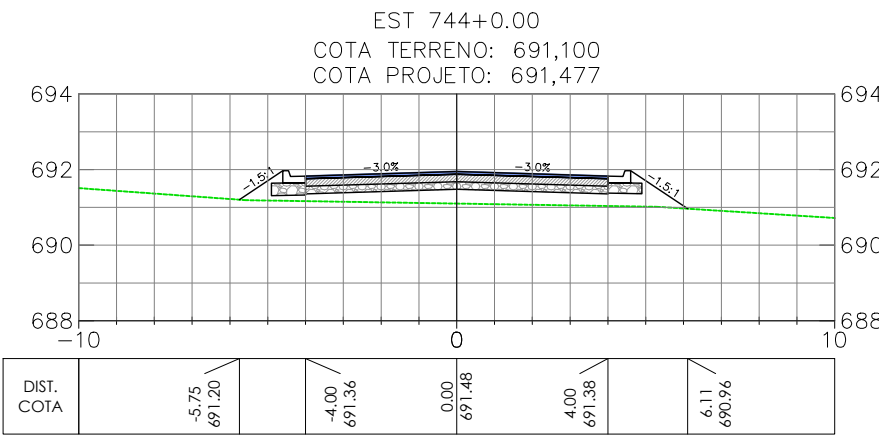
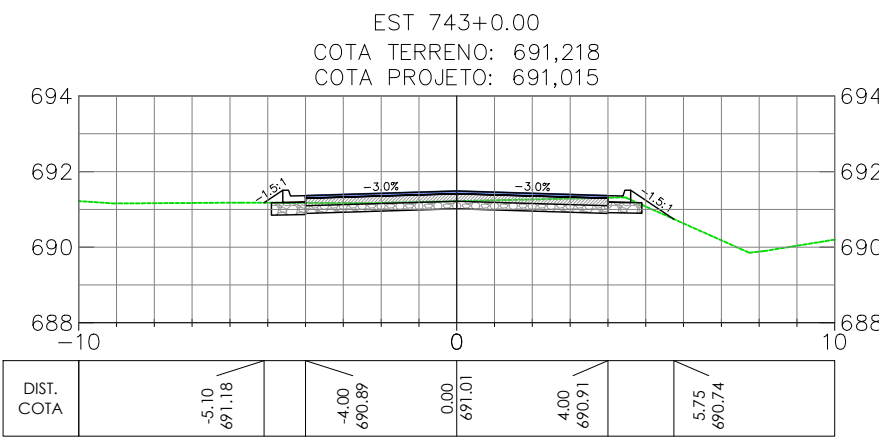
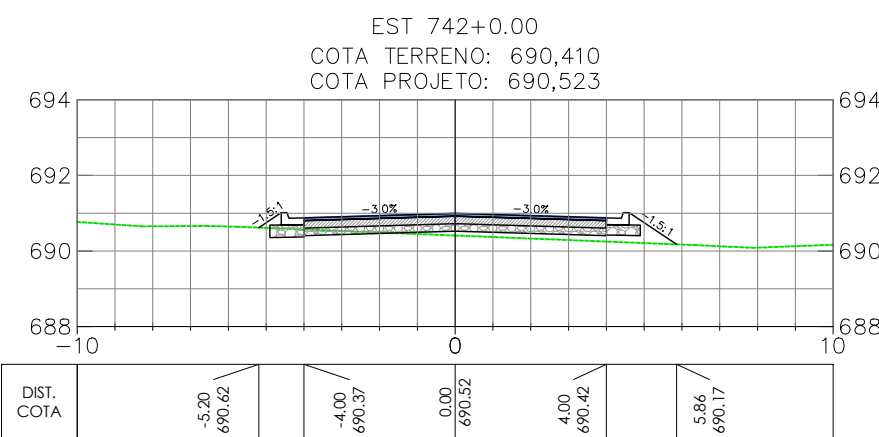
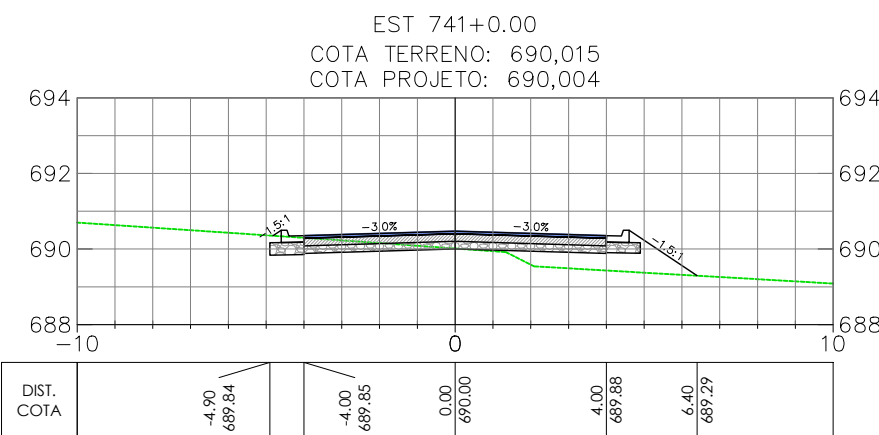
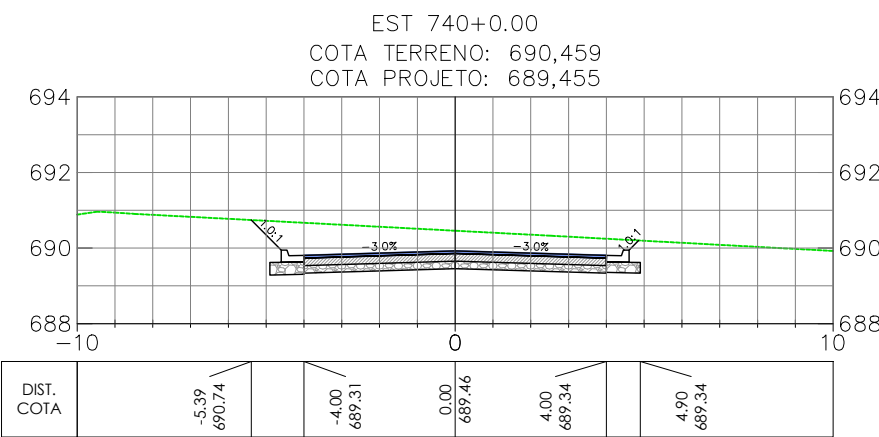
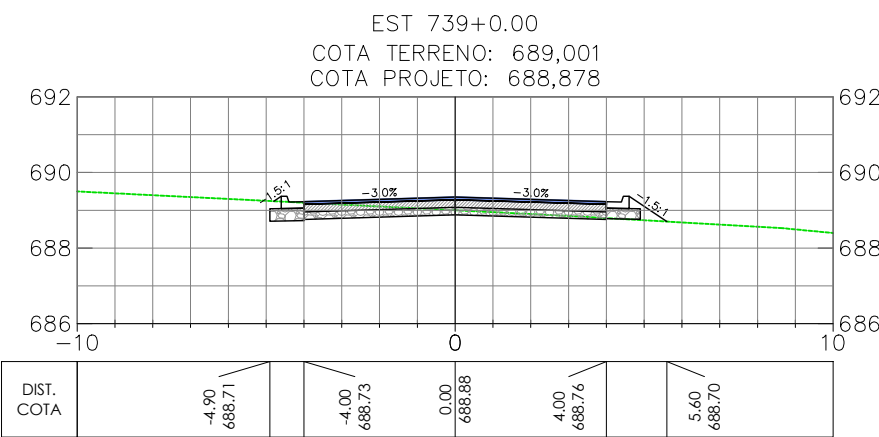
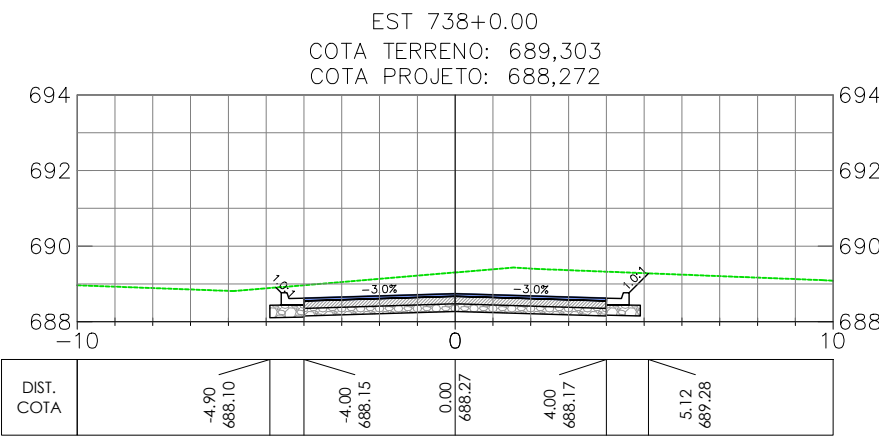
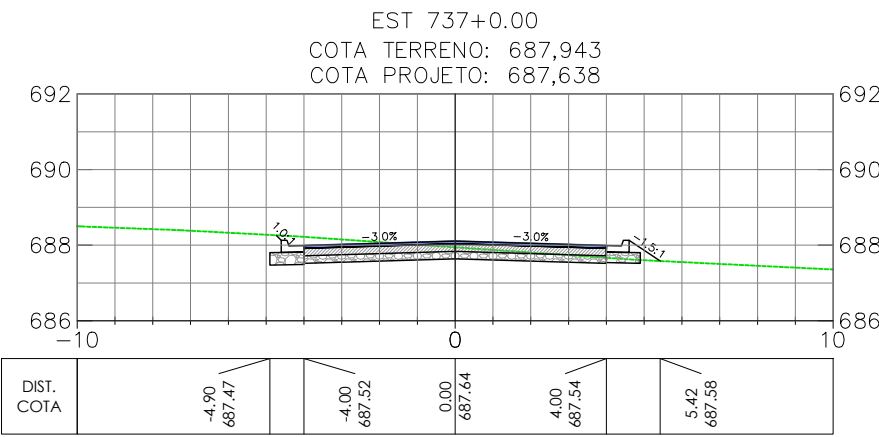
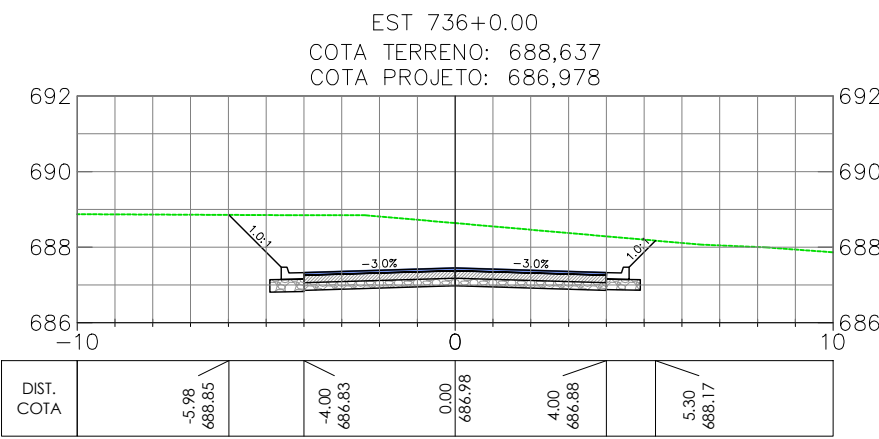
TÍTULO DOS DESENHOS:  
SEÇÕES TRANSVERSAIS - ANEL RODOVIÁRIO (EST. 711+0.00 A EST. 735+0.00)  
SEÇÃO TIPO

DIREITOS AUTORAIS RESERVADOS: PROIBIDO REPRODUÇÃO, DIVULGAÇÃO OU ALTERAÇÃO SEM ORDEM EXPRESSA DO AUTOR.

TÍTULO DOS DESENHOS:  
PRJ-EXE-TER-PRD-ARQ-0181-REV02



Anel Rodoviário



OBSERVAÇÕES

- OBSERVAÇÕES GERAIS:
- 1 – MEDIDAS, COORDENADAS E ELEVÇÕES EM METRO, EXCETO ONDE INDICADO
  - 2 – PODERÃO OCORRER AJUSTES EM CAMPO QUANDO A EXECUÇÃO DA OBRA POR DETERMINAÇÃO DA PREFEITURA.

LEGENDA

- EIXO PROJETADO  
TERRENO NATURAL

REVISÃO	DESCRIÇÃO	TIPO	ELABORADO	VERIFICADO	DATA
00	EMISSIONAL INICIAL	EXE	GMT	LGR	15/09/2021
01	REVISÃO	EXE	CLP	LGR	04/02/2022
02	REVISÃO	EXE	IFT	LGR	09/08/2022

TIPOS DE EMISSÃO	ATP - ANTEPROJETO BSC - BÁSICO EXE - EXECUTIVO	APV - APROVADO PCT - P/ CONSTRUÇÃO ASB - "AS BUILT"	CNC - CANCELADO
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**OBJETIVA** OBJETIVA PROJETOS E SERVIÇOS  
ALAMEDA OSCAR NIEMAYER, Nº500, SALA 505 – VALE DO SERENO  
NOVA LIMA-MO – CEP: 34.006-056  
TEL.: (31) 3347-4405 / (31) 3347-7079 / (31) 3571-1920  
EMAIL: contata@grupoprojetosengenharia.com.br

**PREFEITURA MUNICIPAL DE BOM DESPACHO**  
PRAÇA RIMA ALBUQUERQUE, Nº45 – CENTRO  
BOM DESPACHO-MG – CEP: 35.600-000  
TEL: 0800 285 9797

PROJETO DE INFRAESTRUTURA

ANEL RODOVÁRIO LIGAÇÃO ENTRE BR-262 E MG-164, BOM DESPACHO-MG

PROJETO DE TERRAPLENAGEM

AUTORIA DO PROJETO:	CONTRATANTE DO PROJETO:
JULIANA GONÇALVES OLIVEIRA CREA MG – 238787/D	RESPONSÁVEL DA CONTRATANTE

DATA: JULHO/2022	ESCALA: 1:200	CÓDIGO: PRJ-TER
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TÍTULO DOS DESENHOS: SEÇÕES TRANSVERSAIS - ANEL RODOVÁRIO (EST. 736+0.00 A EST. 760+0.00) SEÇÃO TIPO	PRANCHAS: 33/39
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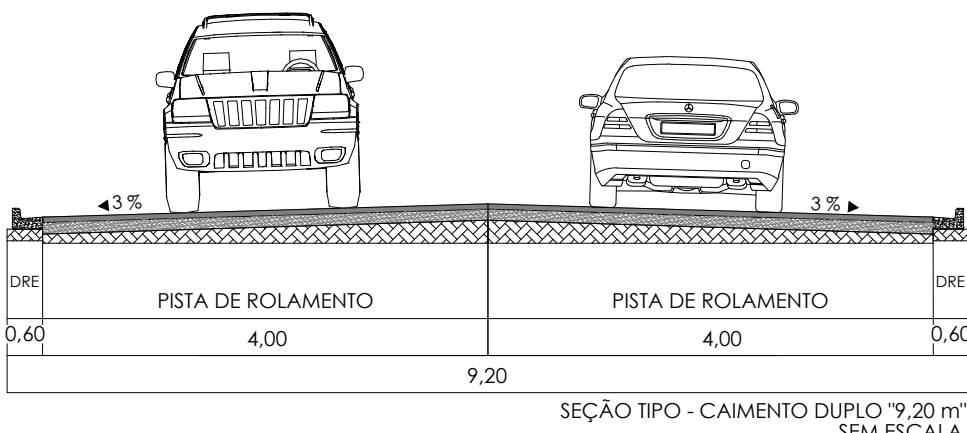
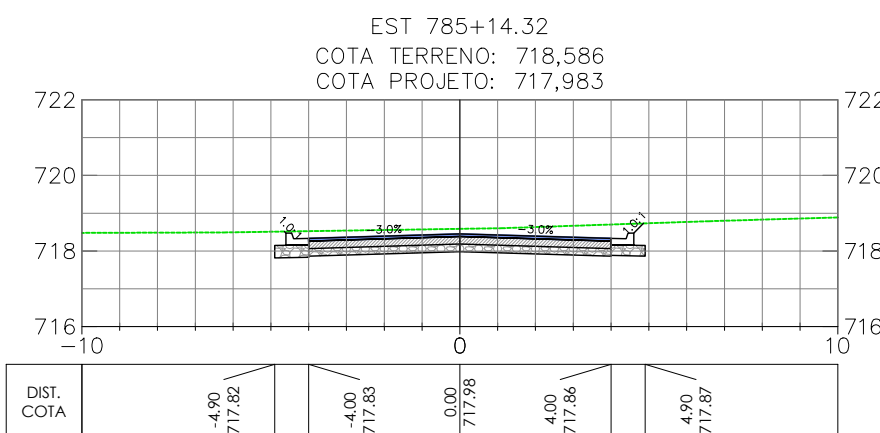
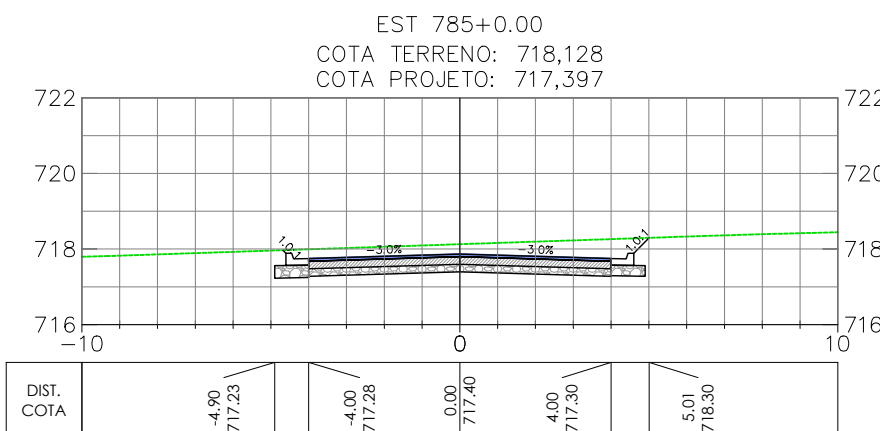
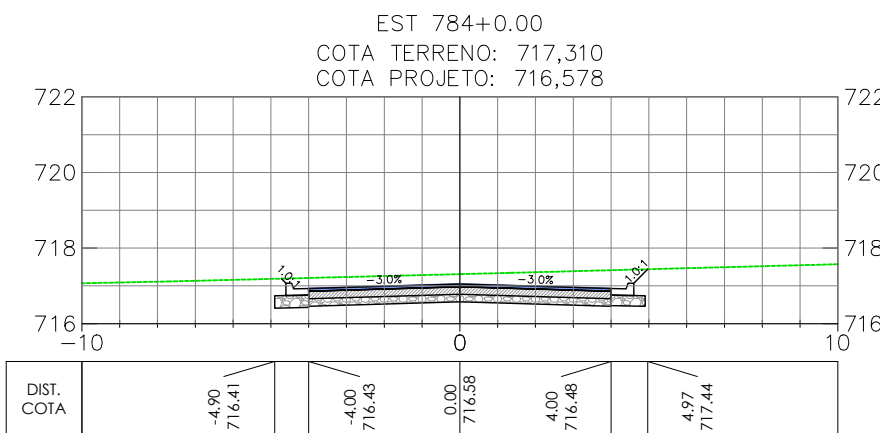
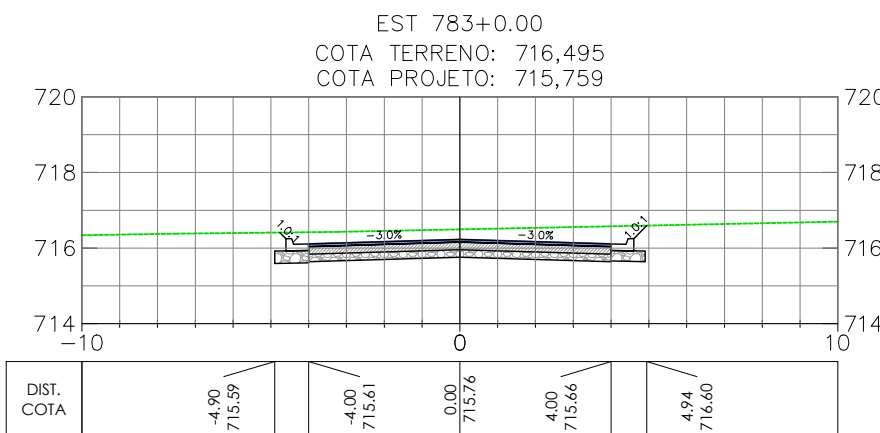
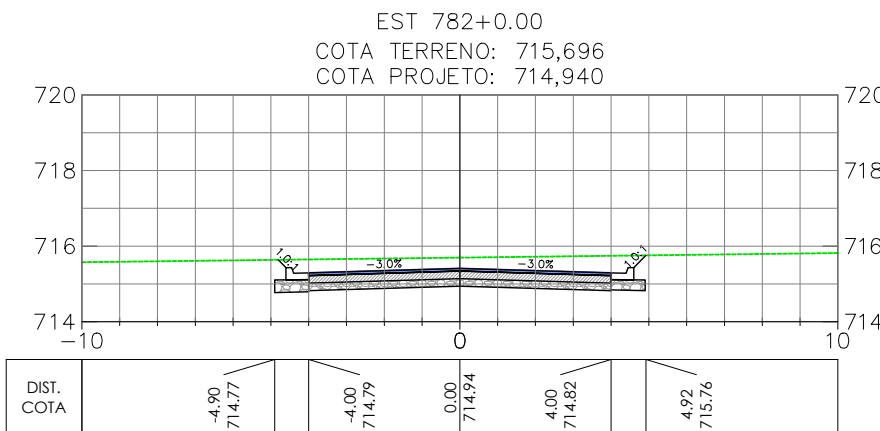
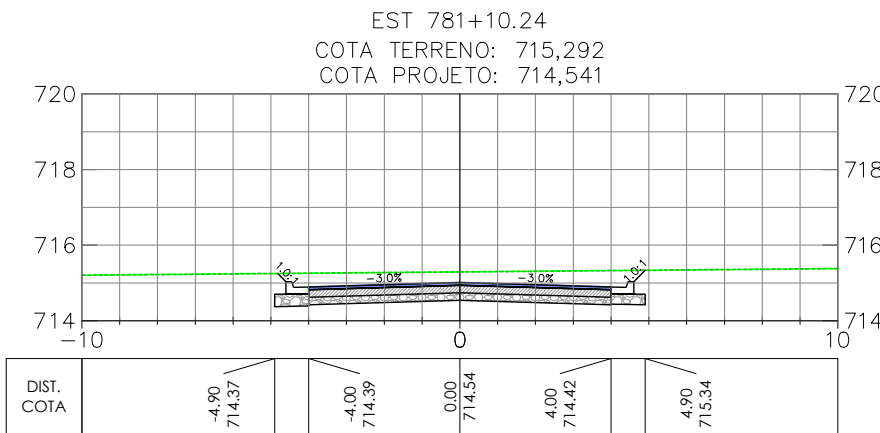
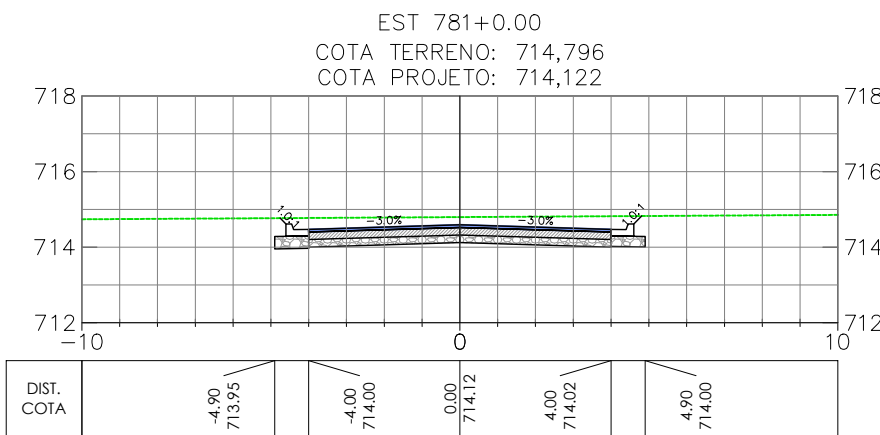
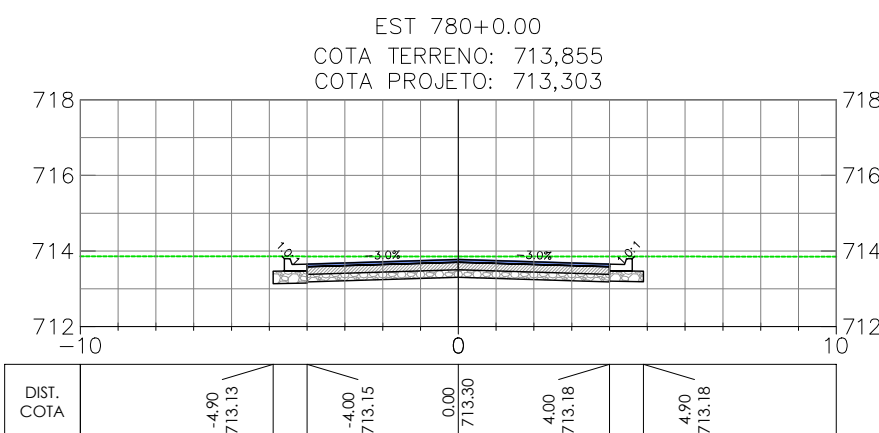
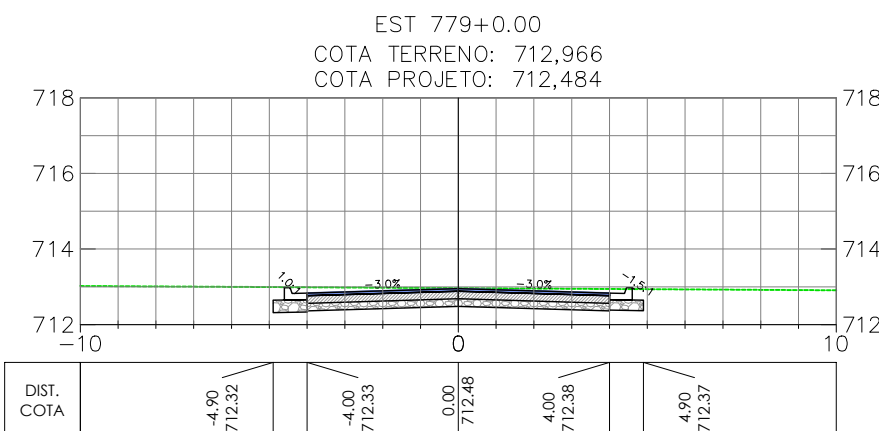
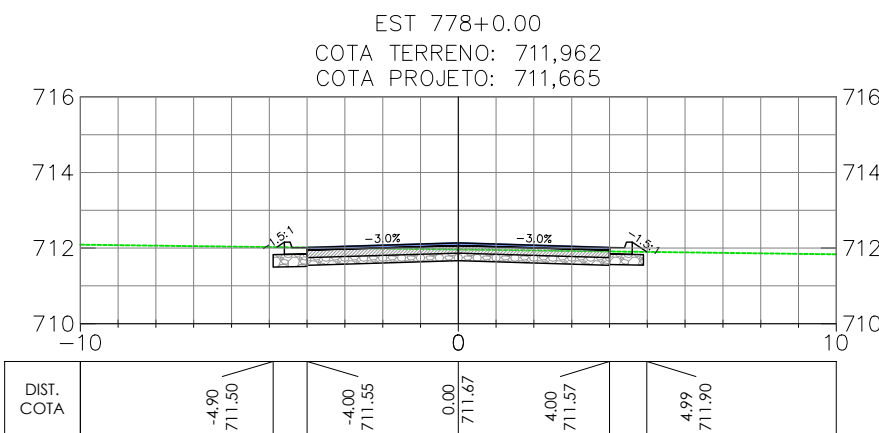
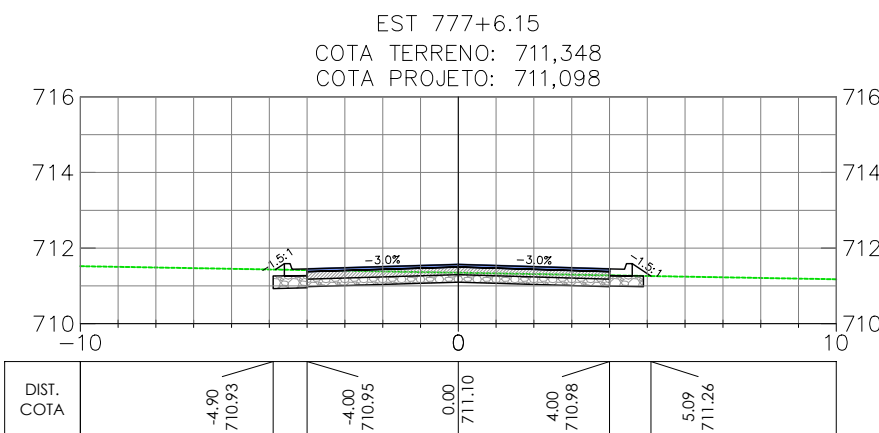
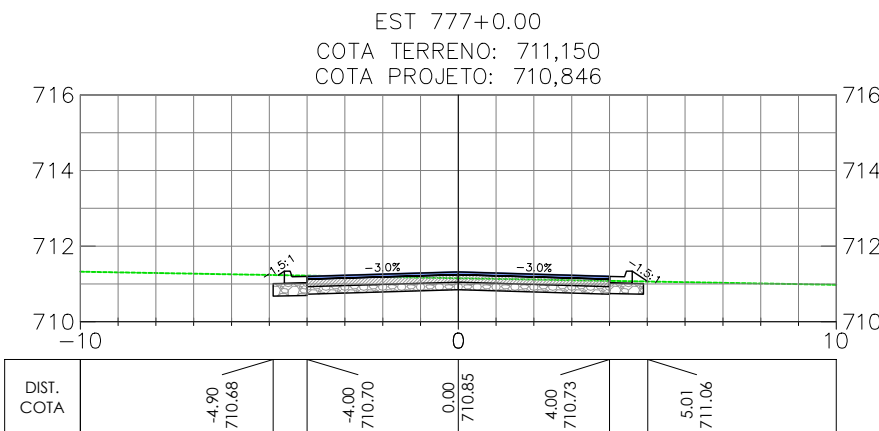
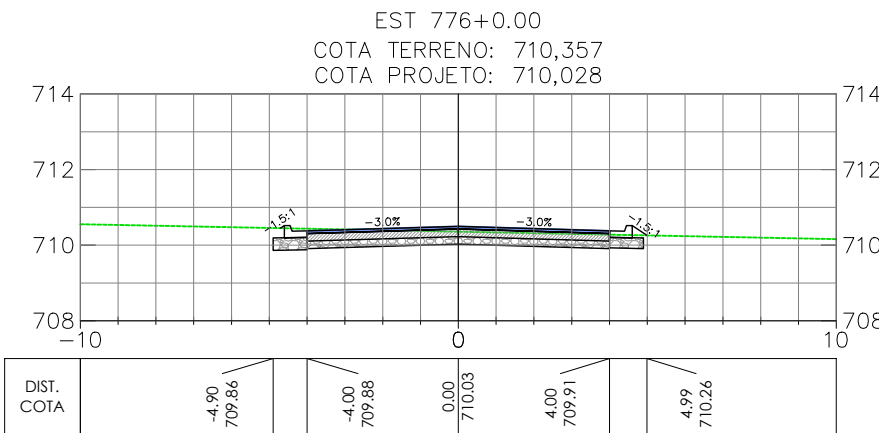
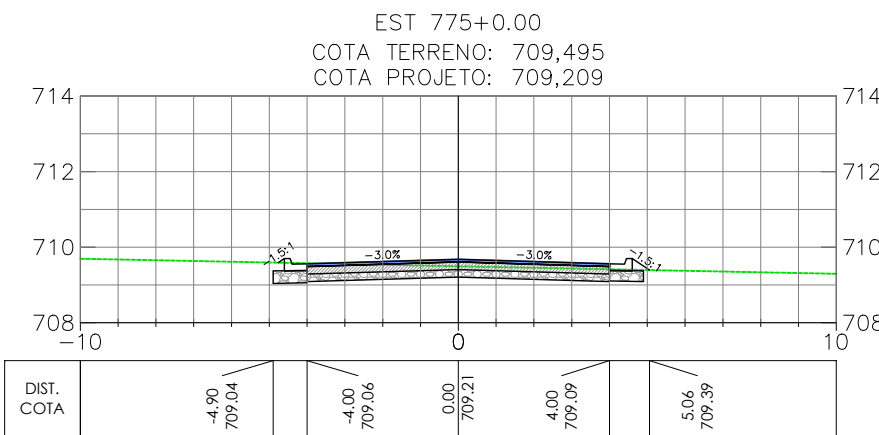
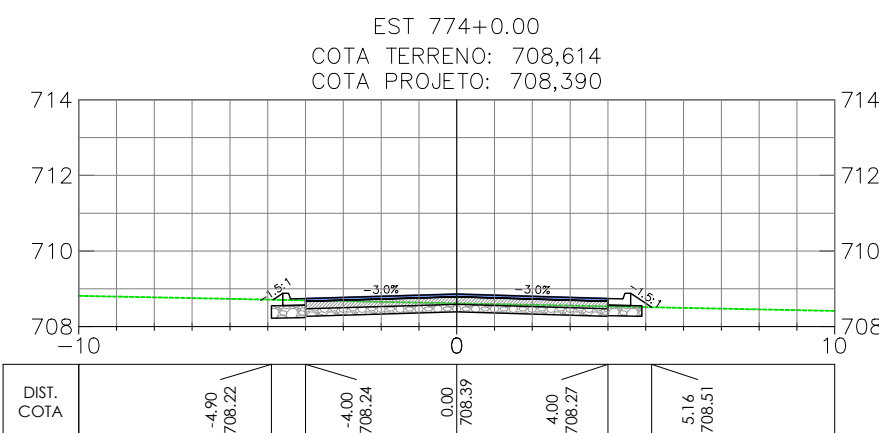
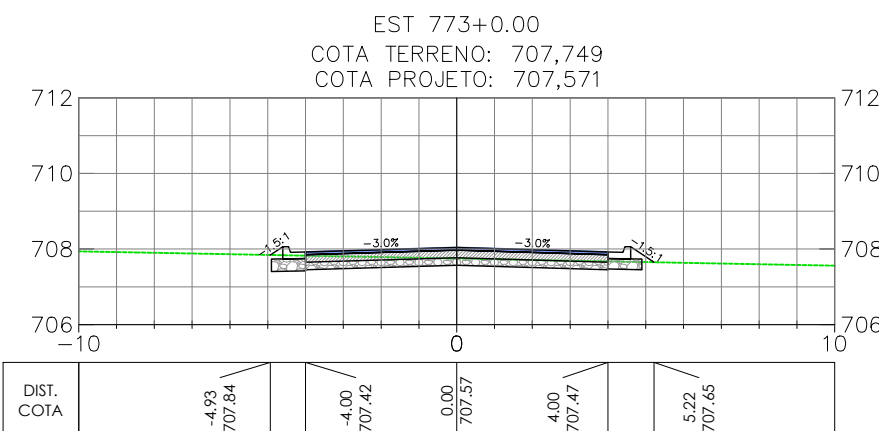
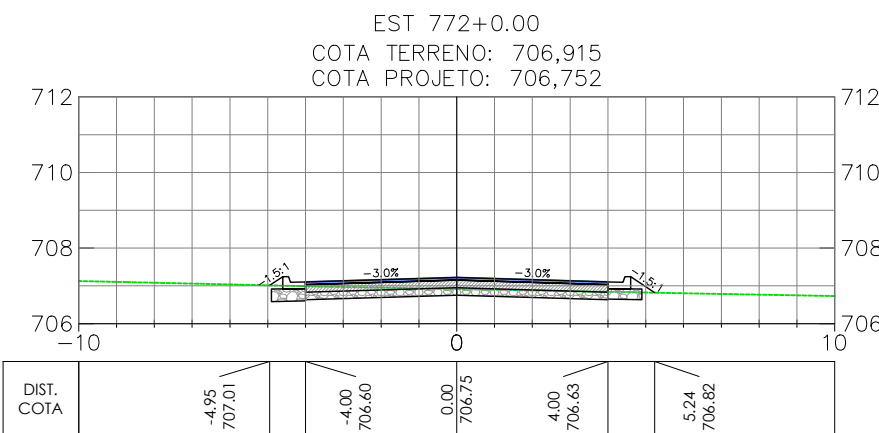
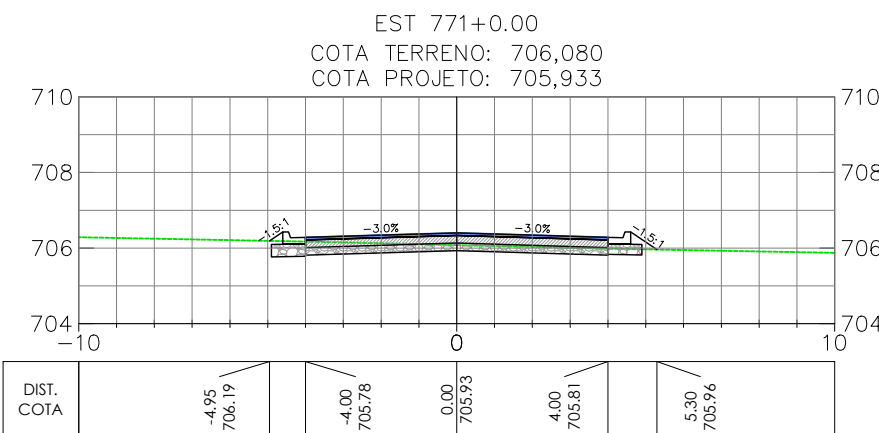
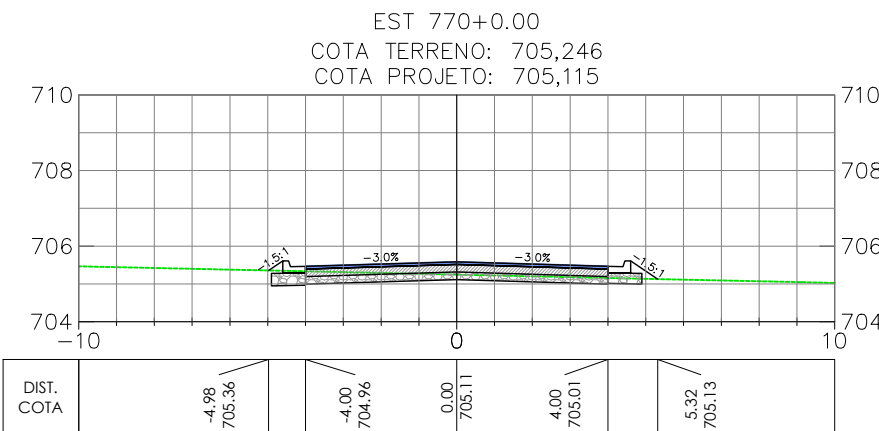
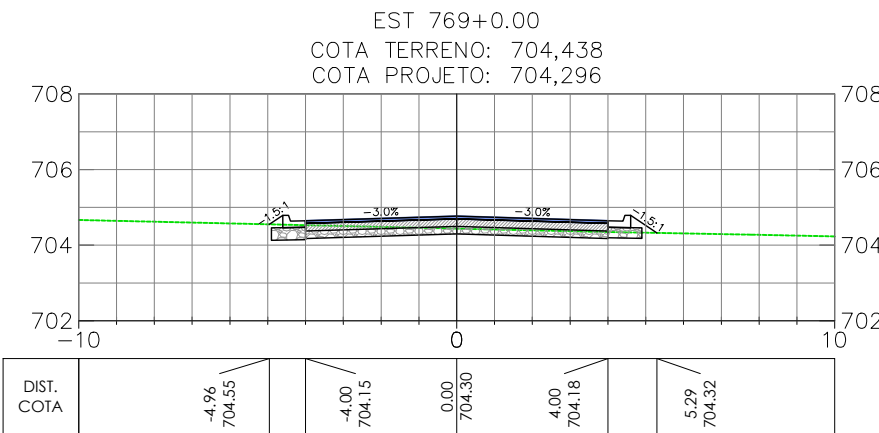
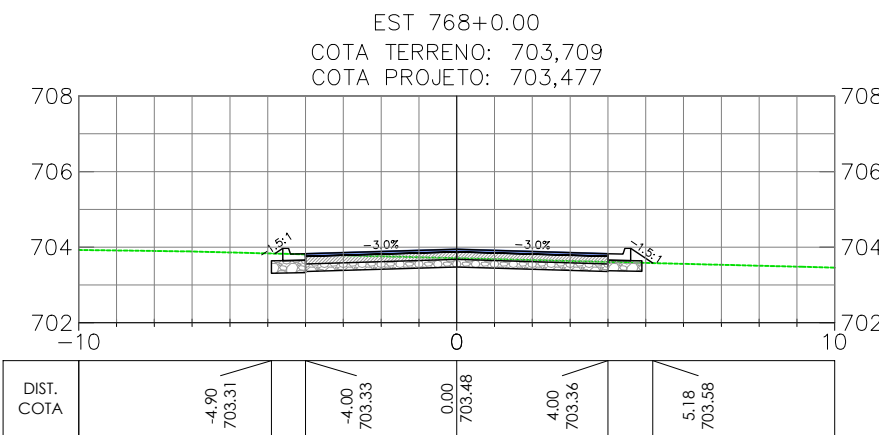
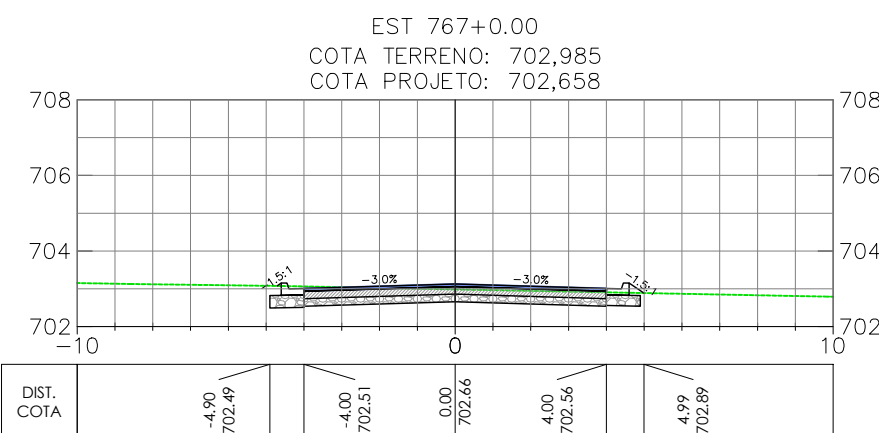
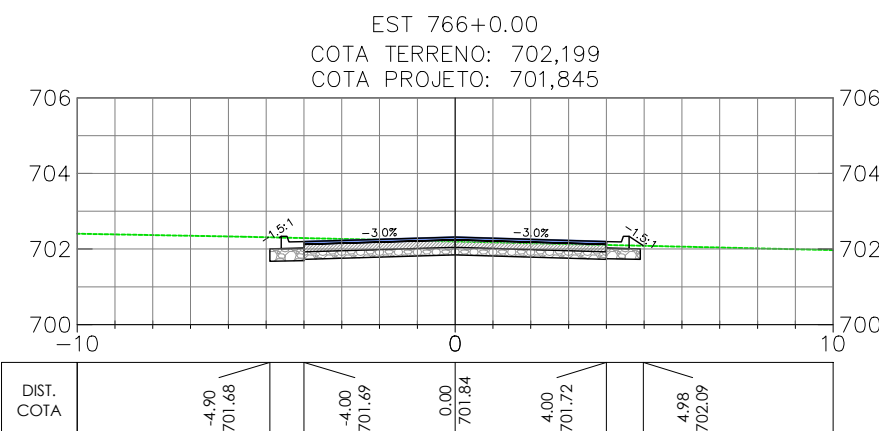
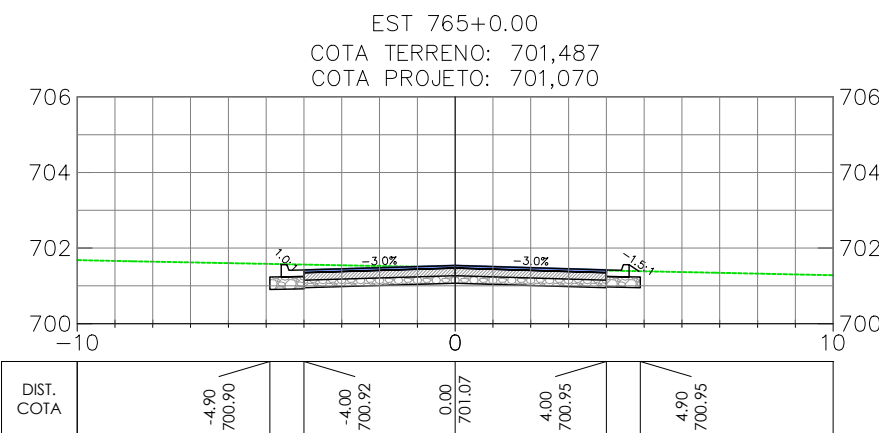
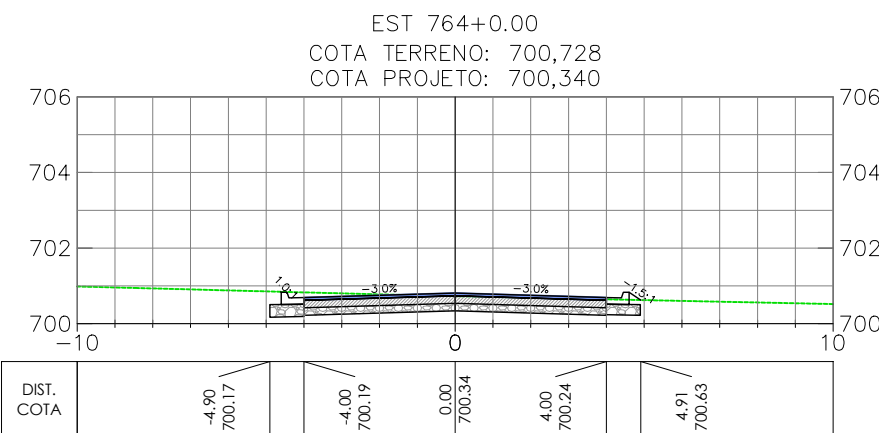
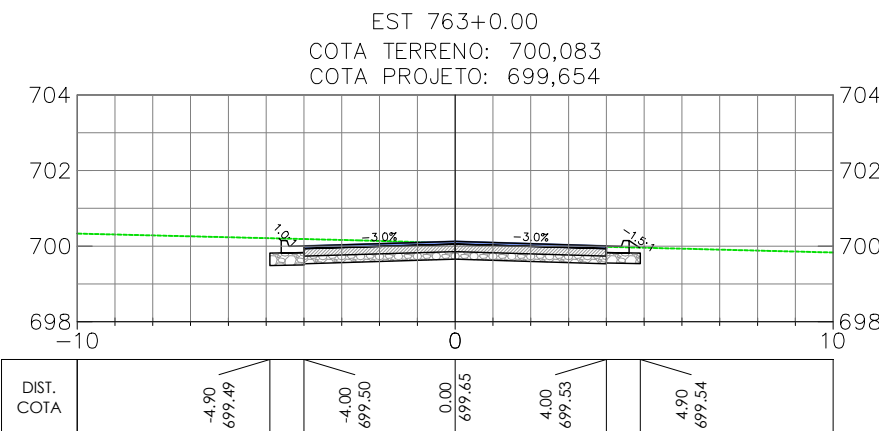
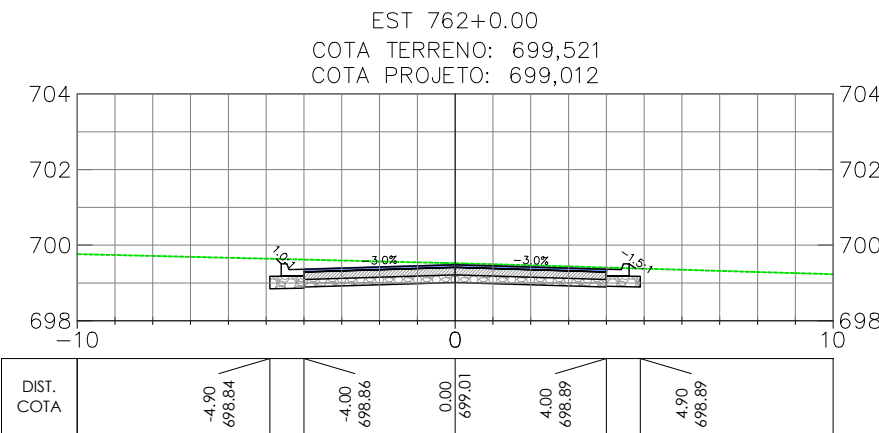
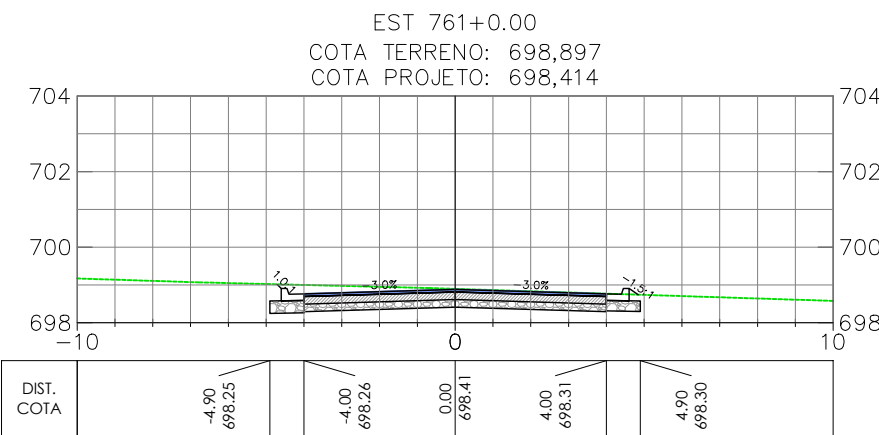
DIREITOS AUTORAIS RESERVADOS: PROIBIDO REPRODUÇÃO, DIVULGAÇÃO OU ALTERAÇÃO SEM ORDEM EXPRESSA DO AUTOR.

TÍTULO DOS DESENHOS:  
PRJ-EXE-TER-P80-APD-0181-REV02

FORMATO - A3  
841x594mm



Anel Rodoviário



OBSERVAÇÕES

- OBSERVAÇÕES GERAIS:
- 1 - MEDIDAS, COORDENADAS E ELEVÇÕES EM METRO, EXCETO ONDE INDICADO
  - 2 - PODERÃO OCORRER AJUSTES EM CAMPO QUANDO A EXECUÇÃO DA OBRA POR DETERMINAÇÃO DA PREFEITURA.

LEGENDA

- EIXO PROJETADO  
TERRENO NATURAL

REVISÃO	DESCRIÇÃO	TIPO	ELABORADO	VERIFICADO	DATA
00	EMIÇÃO INICIAL	EXE	GMT	LGR	15/09/2021
01	REVISÃO	EXE	CLP	LGR	04/02/2022
02	REVISÃO	EXE	IFT	LGR	09/08/2022

TIPOS DE EMISSÃO	ATP - ANTEPROJETO BSC - BÁSICO EXE - EXECUTIVO	APV - APROVADO PCT - P/ CONSTRUÇÃO ASB - "AS BUILT"	CNC - CANCELADO
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**OBJETIVA** OBJETIVA PROJETOS E SERVIÇOS

ALAMEDA OSCAR NIEMAYER, Nº500, SALA 505 - VALE DO SERENO  
NOVA LIMA-MG - CEP: 34.008-056  
TEL.: (31) 3347-4405 / (31) 3347-7079 / (31) 3571-1920  
EMAIL: contata@grupoprojetosengenharia.com.br

**PREFEITURA MUNICIPAL DE BOM DESPACHO**

PRÇA RMA ALBUQUERQUE, Nº45 - CENTRO  
BOM DESPACHO-MG - CEP: 35.600-000  
TEL: 0800 265 9797

PROJETO DE INFRAESTRUTURA

ANEL RODOVÁRIO LIGAÇÃO ENTRE BR-262 E MG-164, BOM DESPACHO-MG

PROJETO DE TERRAPLENAGEM

AUTORIA DO PROJETO:	CONTRATANTE DO PROJETO:
JULIANA GONÇALVES OLIVEIRA CREA MG - 239787/D	RESPONSÁVEL DA CONTRATANTE

DATA: JULHO/2022	ESCALA: 1:200	CÓDIGO: PRJ-TER
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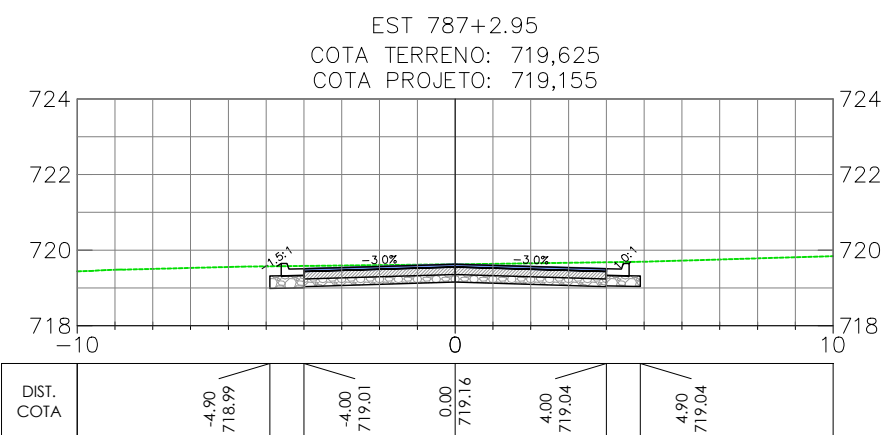
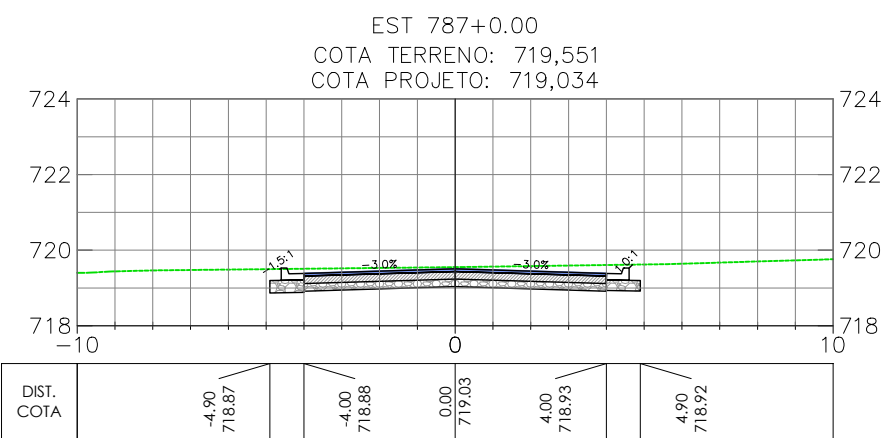
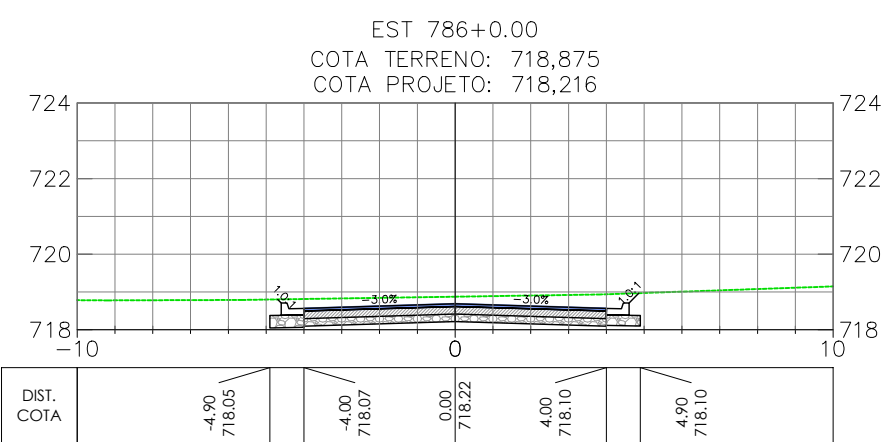
TÍTULO DOS DESENHOS: SEÇÕES TRANSVERSAIS - ANEL RODOVÁRIO (EST. 761+0.00 A EST. 785+14.32) SEÇÃO TIPO	PRANCHAS: 34/39
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DIREITOS AUTORAIS RESERVADOS: PROIBIDO REPRODUÇÃO, DIVULGAÇÃO OU ALTERAÇÃO SEM ORDEM EXPRESSA DO AUTOR.

TÍTULO DOS DESENHOS:  
PRJ-EXE-TER-PRD-ARO-0181-REV02



Anel Rodoviário



QUADRO DE VOLUME Anel Rodoviário							
Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m³)	Volume de Aterro (m³)	Volume de Corte Acumulado (m³)	Volume de Aterro Acumulado (m³)	Bota Fora Aterro
0+0.00	4,52	0,26	0,00	0,00	0,00	0,00	0,00
1+0.00	2,74	0,14	72,60	0,37	72,60	0,37	72,22
1+18.49	0,00	0,00	25,30	0,12	97,89	0,49	97,40
2+0.00	3,65	0,00	2,76	0,00	100,65	0,49	100,16
2+13.12	0,00	0,00	23,95	0,00	124,60	0,49	124,11
2+17.82	5,19	0,00	12,20	0,00	136,80	0,49	136,31
3+0.00	5,38	0,00	11,53	0,00	148,33	0,49	147,84
3+11.20	6,75	0,00	67,94	0,00	216,27	0,49	215,78
4+0.00	7,52	0,00	62,80	0,00	279,07	0,49	278,58
5+0.00	9,90	0,00	174,21	0,00	453,28	0,49	452,79
6+0.00	12,19	0,00	220,93	0,00	674,21	0,49	673,72
6+1.09	12,40	0,00	13,34	0,00	687,55	0,49	687,06
6+2.41	12,73	0,00	16,69	0,00	704,24	0,49	703,75
6+3.74	11,55	0,00	16,13	0,00	720,37	0,49	719,88
7+0.00	8,97	0,00	166,82	0,00	887,20	0,49	886,71
8+0.00	9,24	0,00	182,13	0,00	1069,33	0,49	1068,84
9+0.00	8,83	0,00	180,71	0,00	1250,04	0,49	1249,55
10+0.00	8,25	0,00	170,76	0,00	1420,80	0,49	1420,31
11+0.00	6,57	0,00	148,20	0,00	1569,00	0,49	1568,51
12+0.00	6,98	0,00	135,57	0,00	1704,57	0,49	1704,08
13+0.00	5,72	0,00	127,07	0,00	1831,64	0,49	1831,15
14+0.00	4,86	0,00	105,83	0,00	1937,47	0,49	1936,98
15+0.00	5,11	0,00	99,74	0,00	2037,21	0,49	2036,72
16+0.00	4,56	0,00	96,78	0,00	2133,99	0,49	2133,50
17+0.00	6,02	0,00	105,86	0,00	2239,85	0,49	2239,37
18+0.00	8,20	0,00	142,24	0,00	2382,09	0,49	2381,61
18+10.62	10,12	0,00	97,28	0,00	2479,37	0,49	2478,88
19+0.00	10,10	0,00	94,64	0,00	2574,01	0,49	2573,52
19+19.55	8,36	0,05	178,66	0,05	2752,67	0,53	2752,13
20+0.00	8,37	0,05	3,79	0,00	2756,46	0,54	2755,93
21+0.00	7,26	0,00	154,40	0,05	2910,86	0,59	2910,28
21+8.47	7,04	0,00	59,91	0,00	2970,78	0,59	2970,19
22+0.00	5,61	0,00	72,89	0,00	3043,67	0,59	3043,08
23+0.00	2,80	0,00	84,04	0,00	3127,71	0,59	3127,12
24+0.00	0,99	3,51	37,86	3,26	3165,57	3,84	3161,72
25+0.00	1,10	5,23	20,88	8,12	3186,44	11,96	3174,48
25+7.09	1,18	5,34	8,06	3,48	3194,50	15,44	3179,05
26+0.00	1,72	1,20	18,67	3,93	3213,16	19,37	3193,79
26+13.87	3,13	0,46	33,63	1,07	3246,80	20,44	3226,36
27+0.00	3,26	0,36	19,60	0,23	3266,40	20,67	3245,73
28+0.00	4,30	1,52	75,64	1,74	3342,04	22,41	3319,63
28+0.65	4,25	1,45	2,79	0,09	3344,83	22,50	3322,33
28+17.93	3,59	0,36	67,75	1,45	3412,58	23,95	3388,63
29+0.00	3,49	0,26	7,32	0,06	3419,90	24,01	3395,89
30+0.00	0,00	0,00	34,93	0,24	3454,84	24,25	3430,58
30+12.89	1,02	15,90	6,52	9,76	3461,36	34,01	3427,35
31+0.00	0,50	7,52	5,39	7,86	3466,75	41,86	3424,89
32+0.00	2,07	3,02	25,77	9,74	3492,52	51,60	3440,92
32+7.85	2,45	2,49	17,77	1,99	3510,30	53,59	3456,71
33+0.00	2,69	1,88	31,26	2,47	3541,56	56,06	3485,50
34+0.00	2,66	1,46	53,49	3,10	3595,05	59,16	3535,89
35+0.00	2,37	1,36	50,24	2,62	3645,28	61,77	3583,51
35+5.22	2,13	1,55	11,73	0,70	3657,02	62,48	3594,54
35+9.12	2,04	1,63	8,10	0,59	3665,12	63,06	3602,05
35+13.02	2,40	1,27	8,62	0,53	3673,74	63,60	3610,14
36+0.00	2,88	1,09	18,44	0,77	3692,17	64,37	3627,81
37+0.00	5,44	0,99	83,19	1,93	3775,36	66,30	3709,06
38+0.00	14,34	0,00	197,73	0,92	3973,09	67,22	3905,87
39+0.00	18,11	0,00	324,46	0,00	4297,55	67,22	4230,33
39+4.62	17,92	0,00	83,25	0,00	4380,80	67,22	4313,58
40+0.00	15,95	0,00	260,65	0,00	4641,45	67,22	4574,23
41+0.00	12,42	0,00	284,16	0,00	4925,61	67,22	4858,40
41+0.73	12,35	0,00	9,07	0,00	4934,68	67,22	4867,47
42+0.00	9,30	0,00	208,88	0,00	5143,56	67,22	5076,35
42+16.84	10,07	0,00	163,20	0,00	5306,76	67,22	5239,55
43+0.00	9,98	0,00	31,70	0,00	5338,47	67,22	5271,25
44+0.00	12,94	0,00	229,17	0,00	5567,64	67,22	5500,42
44+13.20	10,65	0,00	155,76	0,00	5723,40	67,22	5656,18
45+0.00	11,04	0,00	73,80	0,00	5797,20	67,22	5729,98
45+7.16	11,32	0,00	81,08	0,00	5878,28	67,22	5811,07
46+0.00	11,26	0,00	147,87	0,00	6026,15	67,22	5958,94
46+1.11	11,27	0,00	12,65	0,00	6038,81	67,22	5971,59
47+0.00	9,30	0,08	194,34	0,07	6233,14	67,29	6165,86
48+0.00	13,88	0,00	231,83	0,07	6464,97	67,36	6397,61
48+6.20	13,46	0,00	84,75	0,00	6549,72	67,36	6482,36
49+0.00	10,40	0,00	163,89	0,00	6713,61	67,36	6646,25
50+0.00	5,18	0,00	155,19	0,00	6868,80	67,36	6801,44

QUADRO DE VOLUME  
Anel Rodoviário

Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m³)	Volume de Aterro (m³)	Volume de Corte Acumulado (m³)	Volume de Aterro Acumulado (m³)	Bota Fora Aterro
51+0.00	2,71	0,08	79,00	0,07	6947,79	67,43	6880,36
51+10.66	3,61	0,00	33,88	0,04	6981,68	67,47	6914,21
52+0.00	4,36	0,00	37,38	0,00	7019,06	67,47	6951,59
53+0.00	5,70	0,00	100,75	0,00	7119,80	67,47	7052,33
54+0.00	9,81	0,00	155,06	0,00	7274,87	67,47	7207,40
54+15.12	7,26	0,00	129,01	0,00	7403,88	67,47	7336,41
55+0.00	6,66	0,00	34,01	0,00	7437,89	67,47	7370,42
56+0.00	6,96	0,00	136,25	0,00	7574,14	67,47	7506,67
57+0.00	10,28	0,00	172,44	0,00	7746,58	67,47	7679,11
58+0.00	10,88	0,00	211,63	0,00	7958,22	67,47	7890,75
59+0.00	12,13	0,00	230,13	0,00	8188,34	67,47	8120,87
60+0.00	17,56	0,00	296,90	0,00	8485,24	67,47	8417,77
60+2.45	17,83	0,00	43,39	0,00	8528,64	67,47	8461,17
60+16.25	16,73	0,00	240,29	0,00	8768,93	67,47	8701,46
61+0.00	16,41	0,00	62,75	0,00	8831,68	67,47	8764,21
61+10.04	16,80	0,00	168,23	0,00	8999,91	67,47	8932,44
62+0.00	16,57	0,00	166,15	0,00	9166,05	67,47	9098,58
63+0.00	11,35	0,00	279,19	0,00	9445,25	67,47	9377,78
64+0.00	7,64	0,00	189,95	0,00	9635,20	67,47	9567,73
65+0.00	5,59	0,00	132,35	0,00	9767,55	67,47	9700,08
65+13.94	5,17	0,00	75,01	0,00	9842,56	67,47	9775,09
66+0.00	4,80	0,00	30,24	0,00	9872,80	67,47	9805,33
67+0.00	5,46	0,00	103,02	0,00	9975,81	67,47	9908,34
67+6.08	5,20	0,00	32,48	0,00	10008,29	67,47	9940,82
68+0.00	4,60	0,12	68,07	0,09	10076,36	67,56	10008,80
68+18.21	5,91	0,00	95,22	0,12	10171,58	67,67	10103,91
69+0.00	5,71	0,01	10,38	0,00	10181,96	67,67	10114,29
70+0.00	3,84	0,20	95,49	0,19	10277,44	67,87	10209,58
71+0.00	3,49	0,42	73,30	0,57	10350,75	68,44	10282,31
72+0.00	2,54	0,91	60,34	1,24	10411,09	69,67	10341,42
73+0.00	3,44	0,48	59,85	1,30	10470,94	70,97	10399,97
74+0.00	2,05	1,35	54,89	1,70	10525,83	72,67	10453,16
75+0.00	3,91	0,47	59,51	1,69	10585,34	74,36	10510,98
76+0.00	1,64	1,89	55,45	2,19	10640,80	76,55	10564,24
77+0.00	1,39	1,71	30,27	3,34	10671,07	79,90	10591,17
78+0.00	1,62	1,58	30,03	3,05	10701,10	82,94	10618,15
79+0.00	1,10	2,03	27,19	3,35	10728,29	86,29	10642,00
80+0.00	1,59	1,22	26,93	3,02	10755,22	89,31	10665,91
81+0.00	2,67	0,87	42,59	1,94	10797,81	91,25	10706,56
82+0.00	4,01	0,25	66,80	1,04	10864,61	92,29	10772,32
83+0.00	6,08	0,00	100,90	0,24	10965,51	92,53	10872,98
84+0.00	5,54	0,00	116,16	0,00	11081,67	92,53	10989,15
85+0.00	2,98	0,57	85,16	0,53	11166,83	93,05	11073,78
86+0.00	2,28	1,06	52,61	1,51	11219,43	94,56	11124,87
87+0.00	0,79	3,10	30,77	3,86	11250,20	98,42	11151,78
88+0.00	0,09	15,24	8,84	17,04	11259,04	115,46	11143,58
89+0.00	0,12	18,37	2,12	31,22	11261,17	146,69	11114,48
90+0.00	0,02	20,38	1,39	36,00	11262,56	182,68	11079,88
91+0.00	0,06	12,48	0,73	30,53	11263,29	213,21	11050,08
92+0.00	0,01	16,76	0,68	27,16	11263,97	240,38	11023,59
93+0.00	0,75	5,08	7,64	20,29	11271,61	260,67	11010,94
94+0.00	0,86	3,01	16,09	7,51	11287,69	268,18	11019,51
95+0.00	3,84	0,37	46,94	3,14	11334,64	271,32	11063,32
96+0.00	5,21	0,04	90,46	0,38	11425,09	271,71	11153,39
97+0.00	5,36	0,03	105,69	0,07	11530,79	271,78	11259,01
98+0.00	7,60	0,00	129,66	0,03	11660,45	271,81	11388,64
99+0.00	8,89	0,00	164,97	0,00	11825,41	271,81	11553,61
100+0.00	9,23	0,00	181,25	0,00	12006,66	271,81	11734,86
101+0.00	12,48	0,00	217,15	0,00	12223,81	271,81	11952,00
102+0.00	7,29	0,00	197,75	0,00	12421,56	271,81	12149,75
103+0.00	7,38	0,00	146,69	0,00	12568,25	271,81	12296,45
104+0.00	6,40	0,00	137,74	0,00	12705,99	271,81	12434,18
105+0.00	5,89	0,00	122,87	0,00	12828,86	271,81	12557,05
106+0.00	5,02	0,67	109,05	0,62	12937,91	272,43	12665,48
107+0.00	2,65	1,40	76,63	1,92	13014,54	274,35	12740,19
108+0.00	2,96	0,86	56,09	2,10	13070,63	276,45	12794,18
109+0.00	3,98	0,38	69,41	1,15	13140,03	277,59	12862,44
110+0.00	5,00	0,18	89,80	0,51	13229,84	278,11	12951,73
111+0.00	6,53	0,00	115,30	0,16	13345,14	278,27	13066,87
112+0.00	7,60	0,00	141,25	0,00	13486,38	278,27	13208,11
113+0.00	9,20	0,00	167,94	0,00	13654,33	278,27	13376,06
114+0.00	9,17	0,00	183,64	0,00	13837,96	278,27	13559,69
115+0.00	10,05	0,00	192,19	0,00	14030,15	278,27	13751,88
116+0.00	12,11	0,00	221,62	0,00	14251,77	278,27	13973,51
117+0.00	11,93	0,00	240,38	0,00	14492,15	278,27	14213,88
118+0.00	12,68	0,00	246,07	0,00	14738,22	278,27	14459,95
119+0.00	12,65	0,00	253,28	0,00	14991,50	278,27	14713,23
120+0.00	11,82	0,00	244,67	0,00	15236,17	278,27	14957,91



QUADRO DE VOLUME Anel Rodoviário							
Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m³)	Volume de Aterro (m³)	Volume de Corte Acumulado (m³)	Volume de Aterro Acumulado (m³)	Bota Fora ou Aterro
121+0.00	10,47	0,00	222,86	0,00	15459,04	278,27	15180,77
122+0.00	9,27	0,00	197,36	0,00	15656,39	278,27	15378,12
123+0.00	8,93	0,00	181,93	0,00	15838,33	278,27	15560,06
124+0.00	9,15	0,00	180,78	0,00	16019,10	278,27	15740,84
125+0.00	8,27	0,00	174,19	0,00	16193,29	278,27	15915,02
126+0.00	8,86	0,00	171,30	0,00	16364,59	278,27	16086,32
127+0.00	10,05	0,00	189,10	0,00	16553,69	278,27	16275,42
128+0.00	10,66	0,00	207,07	0,00	16760,76	278,27	16482,49
129+0.00	9,94	0,00	205,95	0,00	16966,71	278,27	16688,44
130+0.00	9,28	0,00	192,15	0,00	17158,86	278,27	16880,59
131+0.00	9,17	0,00	184,49	0,00	17343,35	278,27	17065,08
132+0.00	8,52	0,00	176,90	0,00	17520,25	278,27	17241,98
133+0.00	9,38	0,00	178,97	0,00	17699,22	278,27	17420,95
134+0.00	8,04	0,00	174,16	0,00	17873,38	278,27	17595,11
134+0.44	8,14	0,00	3,54	0,00	17876,92	278,27	17598,65
135+0.00	5,96	0,04	138,16	0,04	18015,08	278,31	17736,77
136+0.00	4,70	0,42	106,73	0,42	18121,82	278,73	17843,09
137+0.00	3,58	0,75	82,97	1,07	18204,78	279,79	17924,99
138+0.00	3,75	0,77	73,52	1,38	18278,30	281,18	17997,12
139+0.00	4,03	0,53	78,01	1,18	18356,31	282,36	18073,95
140+0.00	4,50	0,30	85,46	0,75	18441,77	283,11	18158,66
141+0.00	5,13	0,21	96,48	0,47	18538,25	283,58	18254,67
142+0.00	5,57	0,02	107,16	0,21	18645,42	283,79	18361,62
142+18.86	8,37	0,00	131,58	0,02	18776,99	283,81	18493,18
143+0.00	8,45	0,00	9,62	0,00	18786,61	283,81	18502,80
144+0.00	7,76	0,00	162,44	0,00	18949,05	283,81	18665,24
145+0.00	9,27	0,00	170,60	0,00	19119,65	283,81	18835,84
146+0.00	9,49	0,00	187,91	0,00	19307,56	283,81	19023,75
147+0.00	10,84	0,00	203,63	0,00	19511,19	283,81	19227,38
148+0.00	9,98	0,00	208,53	0,00	19719,72	283,81	19435,91
149+0.00	9,82	0,00	198,17	0,00	19917,89	283,81	19634,08
150+0.00	9,09	0,00	188,86	0,00	20106,75	283,81	19822,93
151+0.00	5,44	0,00	145,04	0,00	20251,79	283,81	19967,97
151+17.27	5,55	0,00	94,83	0,00	20346,61	283,81	20062,80
152+0.00	5,49	0,00	20361,65	0,00	20361,65	283,81	20077,84
153+0.00	5,81	0,00	113,04	0,00	20474,69	283,81	20190,87
154+0.00	5,56	0,00	113,77	0,00	20588,46	283,81	20304,64
155+0.00	6,18	0,00	117,39	0,00	20705,85	283,81	20422,04
156+0.00	5,19	0,22	113,63	0,20	20819,48	284,02	20535,46
157+0.00	4,86	0,23	100,49	0,42	20919,97	284,44	20635,53
158+0.00	4,98	0,00	98,41	0,21	21018,38	284,65	20733,73
159+0.00	2,67	1,76	76,44	1,64	21094,82	286,29	20808,54
160+0.00	2,73	0,79	54,00	2,37	21148,82	288,66	20860,16
161+0.00	3,12	0,27	58,55	0,99	21207,37	289,65	20917,72
162+0.00	4,48	0,23	75,99	0,46	21283,36	290,11	20993,25
163+0.00	5,12	0,21	96,02	0,41	21379,38	290,52	21088,86
164+0.00	6,50	0,00	116,23	0,20	21495,61	290,72	21204,89
165+0.00	7,14	0,00	136,34	0,00	21631,95	290,72	21341,23
166+0.00	5,82	0,00	129,59	0,00	21761,54	290,72	21470,82
166+13.86	4,13	0,43	68,96	0,28	21830,50	291,00	21539,51
167+0.00	3,39	0,68	22,86	0,34	21853,37	291,33	21562,03
167+13.19	3,63	0,00	46,14	0,44	21899,51	291,77	21607,73
168+0.00	2,73	0,18	21,64	0,06	21921,15	291,84	21629,31
168+12.53	2,55	0,59	32,77	0,48	21953,92	292,31	21661,60
169+0.00	2,51	1,64	18,90	0,77	21972,82	293,09	21679,73
170+0.00	2,79	1,76	52,97	3,16	22025,78	296,24	21729,54
171+0.00	2,68	1,58	54,63	3,10	22080,41	299,35	21781,06
172+0.00	3,58	1,40	62,56	2,77	22142,97	302,12	21840,85
173+0.00	4,05	1,26	76,30	2,47	22219,27	304,60	21914,67
174+0.00	4,54	0,40	85,88	1,54	22305,15	306,14	21999,01
175+0.00	4,30	0,31	88,42	0,66	22393,57	306,79	22086,78
176+0.00	3,23	1,37	75,33	1,56	22468,90	308,36	22160,54
177+0.00	3,08	1,04	63,09	2,24	22532,00	310,60	22221,40
178+0.00	2,23	1,09	53,08	1,98	22585,07	312,58	22272,50
179+0.00	1,95	1,93	41,74	2,81	22626,82	315,38	22311,43
180+0.00	2,13	0,69	40,74	2,44	22667,56	317,82	22349,74
181+0.00	1,51	1,64	36,35	2,16	22703,91	319,99	22383,92
182+0.00	1,54	1,83	30,47	3,22	22734,38	323,21	22411,17
183+0.00	1,88	1,52	34,23	3,11	22768,61	326,32	22442,30
184+0.00	2,12	1,41	40,01	2,72	22808,62	329,03	22479,59
185+0.00	2,90	0,77	50,14	2,02	22858,76	331,06	22527,70
186+0.00	2,89	0,69	57,88	1,36	22916,64	332,42	22584,22
187+0.00	3,15	0,39	60,37	1,01	22977,01	333,42	22643,58
188+0.00	4,70	0,09	78,45	0,45	23055,46	333,88	22721,59
189+0.00	5,72	0,00	104,18	0,09	23159,64	333,96	22825,68
190+0.00	5,89	0,00	116,11	0,00	23275,75	333,96	22941,79

QUADRO DE VOLUME Anel Rodoviário							
Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m³)	Volume de Aterro (m³)	Volume de Corte Acumulado (m³)	Volume de Aterro Acumulado (m³)	Bota Fora ou Aterro
191+0.00	5,37	0,00	112,65	0,00	23388,40	333,96	23054,44
191+14.15	5,14	0,37	74,39	0,25	23462,79	334,21	23128,58
192+0.00	5,40	0,34	30,83	0,19	23493,62	334,40	23159,22
193+0.00	6,85	0,00	122,48	0,31	23616,10	334,71	23281,39
194+0.00	6,32	0,00	131,62	0,00	23747,72	334,71	23413,01
195+0.00	5,53	0,09	118,50	0,09	23866,22	334,80	23531,42
196+0.00	5,33	0,34	108,64	0,40	23974,86	335,20	23639,66
197+0.00	4,77	0,68	101,01	0,95	24075,87	336,14	23739,73
198+0.00	4,18	1,12	89,52	1,68	24165,39	337,82	23827,57
199+0.00	4,09	1,03	82,65	2,00	24248,04	339,82	23908,22
200+0.00	3,54	1,26	76,22	2,13	24324,27	341,95	23982,32
200+10.26	2,15	1,91	29,15	1,51	24353,42	343,46	24009,96
201+0.00	2,41	1,84	22,23	1,70	24375,65	345,16	24030,49
202+0.00	4,77	0,44	71,86	2,12	24447,50	347,28	24100,23
203+0.00	4,78	0,28	95,57	0,67	24543,07	347,95	24195,12
204+0.00	6,79	0,00	115,75	0,26	24658,82	348,20	24310,62
205+0.00	5,33	0,14	121,23	0,13	24780,05	348,34	24431,71
206+0.00	4,20	4,41	95,35	4,23	24875,40	352,57	24522,83
207+0.00	4,93	5,45	91,34	9,16	24966,75	361,73	24605,01
208+0.00	4,71	1,53	96,38	6,49	25063,13	368,22	24694,90
209+0.00	5,18	0,53	98,89	1,91	25162,02	370,14	24791,88
209+6.36	5,41	0,23	33,68	0,22	25195,70	370,36	24825,34
210+0.00	5,35	0,23	73,32	0,29	25269,02	370,65	24898,37
211+0.00	4,82	0,54	101,66	0,71	25370,69	371,36	24999,33
212+0.00	4,39	0,76	92,10	1,20	25462,78	372,56	25090,22
213+0.00	4,38	0,56	87,68	1,23	25550,47	373,79	25176,68
214+0.00	5,03	0,58	94,10	1,06	25644,56	374,85	25269,71
215+0.00	4,62	1,38	96,52	1,82	25741,08	376,67	25364,41
216+0.00	4,29	1,14	89,14	2,34	25830,23	379,01	25451,22
217+0.00	4,90	0,76	91,95	1,77	25922,18	380,78	25541,40
218+0.00	4,90	0,89	98,00	1,53	26020,18	382,31	25637,87
219+0.00	5,57	0,84	104,63	1,61	26124,81	383,92	25740,89
220+0.00	6,79	0,43	123,61	1,19	26248,42	385,10	25863,31
221+0.00	8,88	0,00	156,74	0,40	26405,16	385,50	26019,65
222+0.00	10,49	0,00	193,72	0,00	26598,88	385,50	26213,38
223+0.00	12,04	0,00	225,35	0,00	26824,23	385,50	26438,73
224+0.00	13,12	0,00	251,65	0,00	27075,89	385,50	26690,38
225+0.00	13,34	0,00	264,61	0,00	27340,50	385,50	26954,99
226+0.00	13,60	0,00	269,34	0,00	27609,84	385,50	27224,33
227+0.00	15,90	0,00	294,96	0,00	27904,80	385,50	27519,29
228+0.00	16,41	0,00	323,08	0,00	28227,88	385,50	27842,38
229+0.00	15,22	0,00	316,23	0,00	28544,11	385,50	28158,61
230+0.00	14,48	0,00	297,01	0,00	28841,12	385,50	28455,62
231+0.00	13,72	0,00	282,03	0,00	29123,16	385,50	28737,65
232+0.00	13,05	0,00	267,71	0,00	29390,86	385,50	29005,36
233+0.00	12,24	0,00	252,89	0,00	29643,75	385,50	29258,24
234+0.00	11,43	0,00	236,63	0,00	29880,38	385,50	29494,87
235+0.00	9,96	0,00	213,90	0,00	30094,28	385,50	29708,78
236+0.00	8,80	0,00	187,64	0,00	30281,92	385,50	29896,42
237+0.00	6,99	0,24	157,93	0,22	30439,85	385,73	30054,12
238+0.00	2,98	3,54	99,75	3,51	30539,60	389,24	30150,36
239+0.00	0,48	22,02	34,67	23,75	30574,28	412,99	30161,28
240+0.00	0,01	37,38	5,00	55,18	30579,27	468,17	30111,10
241+0.00	0,01	38,77	0,29	70,75	30579,56	538,92	300



QUADRO DE VOLUME Anel Rodoviário							
Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m³)	Volume de Aterro (m³)	Volume de Corte Acumulado (m³)	Volume de Aterro Acumulado (m³)	Bota Fora ou Aterro
331+0.00	5,27	0,01	112,45	0,01	40715,77	10234,74	30481,03
332+0.00	4,59	0,15	98,62	0,15	40814,38	10234,88	30579,50
333+0.00	4,29	0,18	88,80	0,31	40903,19	10235,19	30668,00
334+0.00	4,86	0,03	91,49	0,19	40994,68	10235,38	30759,30
335+0.00	4,96	0,01	98,15	0,04	41092,84	10235,42	30857,41
336+0.00	4,20	0,15	91,56	0,15	41184,40	10235,57	30948,83
337+0.00	4,85	0,05	90,50	0,19	41274,91	10235,76	31039,15
338+0.00	5,86	0,00	107,13	0,05	41382,03	10235,81	31146,22
339+0.00	5,68	0,00	115,40	0,00	41497,43	10235,81	31261,62
340+0.00	5,10	0,05	107,79	0,05	41605,22	10235,86	31369,36
341+0.00	4,49	0,22	95,93	0,25	41701,15	10236,11	31465,04
342+0.00	4,16	0,28	86,54	0,46	41787,69	10236,56	31551,12
343+0.00	3,93	0,39	80,95	0,62	41868,63	10237,18	31631,45
344+0.00	3,91	0,45	78,43	0,78	41947,06	10237,96	31709,09
345+0.00	4,48	0,20	83,93	0,60	42030,99	10238,56	31792,43
346+0.00	4,97	0,06	94,47	0,23	42125,46	10238,80	31886,66
347+0.00	5,43	0,00	103,95	0,05	42229,41	10238,85	31990,56
348+0.00	5,53	0,00	109,58	0,01	42338,99	10238,85	32100,14
349+0.00	5,31	0,02	108,36	0,02	42447,35	10238,87	32208,47
350+0.00	5,18	0,03	104,91	0,04	42552,26	10238,91	32313,34
351+0.00	5,34	0,04	105,23	0,06	42657,49	10238,98	32418,51
352+0.00	5,36	0,04	107,01	0,07	42764,50	10239,05	32525,45
353+0.00	4,42	0,23	97,80	0,25	42862,30	10239,30	32623,00
354+0.00	4,39	0,33	88,03	0,52	42950,33	10239,82	32710,52
355+0.00	4,74	0,14	91,22	0,44	43041,55	10240,25	32801,30
356+0.00	4,73	0,15	94,71	0,27	43136,26	10240,52	32895,74
357+0.00	5,19	0,04	99,27	0,17	43235,53	10240,70	32994,83
358+0.00	5,02	0,02	102,14	0,06	43337,67	10240,76	33096,91
359+0.00	6,18	0,00	111,97	0,02	43449,64	10240,78	33208,87
360+0.00	6,49	0,00	126,67	0,00	43576,31	10240,78	33335,54
361+0.00	7,16	0,00	136,52	0,00	43712,84	10240,78	33472,06
361+3.79	7,69	0,00	28,11	0,00	43740,95	10240,78	33500,17
362+0.00	8,81	0,00	133,80	0,00	43874,75	10240,78	33633,97
363+0.00	8,54	0,00	173,54	0,00	44048,29	10240,78	33807,51
364+0.00	5,41	0,00	139,53	0,00	44187,82	10240,78	33947,04
364+19.57	5,81	5,31	109,72	4,87	44297,54	10245,65	34051,90
365+0.00	5,67	5,78	2,50	0,22	44300,04	10245,87	34054,17
366+0.00	1,09	13,47	67,47	18,00	44367,51	10263,87	34103,64
367+0.00	1,75	15,84	28,23	27,32	44395,73	10291,19	34104,55
368+0.00	0,49	32,80	22,32	45,17	44418,05	10336,35	34081,70
368+15.34	0,58	32,68	8,24	46,64	44426,29	10382,99	34043,30
369+0.00	1,05	32,69	3,79	14,14	44430,08	10397,13	34032,95
370+0.00	1,22	34,36	22,65	62,29	44452,73	10459,42	33993,31
371+0.00	0,35	40,38	15,67	69,44	44468,40	10528,86	33939,54
372+0.00	0,75	68,18	10,99	100,86	44479,39	10629,72	33849,67
373+0.00	0,71	33,58	14,60	94,54	44493,99	10724,26	33769,73
374+0.00	1,26	22,13	19,66	51,76	44513,65	10776,02	33737,63
375+0.00	1,61	11,07	28,66	30,85	44542,32	10806,87	33735,45
376+0.00	3,13	0,09	47,38	10,37	44589,70	10817,23	33772,47
377+0.00	5,22	0,00	83,44	0,08	44673,14	10817,32	33855,83
378+0.00	5,57	0,00	107,84	0,00	44780,98	10817,32	33963,66
379+0.00	7,44	0,00	130,04	0,00	44911,02	10817,32	34093,71
380+0.00	8,62	0,00	160,61	0,00	45071,63	10817,32	34254,32
381+0.00	7,44	0,00	160,63	0,00	45232,26	10817,32	34414,95
382+0.00	10,23	0,00	176,66	0,00	45408,92	10817,32	34591,60
383+0.00	11,61	0,00	214,41	0,00	45627,33	10817,32	34810,01
384+0.00	10,87	0,00	224,82	0,00	45852,15	10817,32	35034,84
385+0.00	11,07	0,00	219,39	0,00	46071,54	10817,32	35254,23
385+8.93	11,75	0,00	101,89	0,00	46173,43	10817,32	35356,11
385+9.57	12,19	0,00	7,64	0,00	46181,07	10817,32	35363,76
385+10.20	12,45	0,00	7,87	0,00	46188,94	10817,32	35371,62
386+0.00	12,23	0,00	120,90	0,00	46309,84	10817,32	35492,52
387+0.00	12,49	0,00	247,22	0,00	46557,06	10817,32	35739,74
388+0.00	11,58	0,00	240,66	0,00	46797,72	10817,32	35980,40
389+0.00	9,89	0,00	214,71	0,00	47012,43	10817,32	36195,11
390+0.00	12,85	0,00	225,45	0,00	47237,87	10817,32	36420,56

QUADRO DE VOLUME Anel Rodoviário							
Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m³)	Volume de Aterro (m³)	Volume de Corte Acumulado (m³)	Volume de Aterro Acumulado (m³)	Bota Fora Aterro
391+0.00	13,54	0,00	261,92	0,00	47499,79	10817,32	36682,47
392+0.00	12,91	0,00	264,51	0,00	47764,30	10817,32	36946,98
393+0.00	12,70	0,00	256,09	0,00	48020,39	10817,32	37203,07
394+0.00	13,64	0,00	263,33	0,00	48283,72	10817,32	37466,40
395+0.00	12,44	0,00	260,72	0,00	48544,44	10817,32	37727,12
396+0.00	13,05	0,00	254,83	0,00	48799,27	10817,32	37981,95
397+0.00	15,20	0,00	282,42	0,00	49081,69	10817,32	38264,37
398+0.00	15,06	0,00	302,53	0,00	49384,22	10817,32	38566,90
398+3.98	15,84	0,00	61,51	0,00	49445,73	10817,32	38628,41
398+4.33	15,85	0,00	5,49	0,00	49451,22	10817,32	38633,90
398+4.67	15,88	0,00	5,49	0,00	49456,71	10817,32	38639,39
399+0.00	15,58	0,00	241,06	0,00	49697,76	10817,32	38880,45
400+0.00	12,00	0,00	275,72	0,00	49973,49	10817,32	39156,17
401+0.00	14,70	0,00	266,96	0,00	50240,45	10817,32	39423,14
402+0.00	11,96	0,00	266,63	0,00	50507,08	10817,32	39689,77
403+0.00	10,51	0,00	224,70	0,00	50731,78	10817,32	39914,47
404+0.00	8,01	0,00	185,21	0,00	50916,99	10817,32	40099,68
405+0.00	7,51	0,00	155,21	0,00	51072,21	10817,32	40254,89
405+16.27	7,19	0,00	119,54	0,00	51191,75	10817,32	40374,43
405+18.83	6,77	0,00	17,85	0,00	51209,60	10817,32	40392,28
406+0.00	6,65	0,00	7,86	0,00	51217,46	10817,32	40400,14
406+1.39	6,66	0,00	9,23	0,00	51226,68	10817,32	40409,37
407+0.00	7,10	0,00	128,00	0,00	51354,68	10817,32	40537,36
408+0.00	7,24	0,00	143,34	0,00	51498,02	10817,32	40680,70
409+0.00	7,57	0,07	148,07	0,07	51646,08	10817,38	40828,70
410+0.00	9,82	0,00	173,96	0,07	51820,04	10817,45	41002,59
411+0.00	11,05	0,00	208,79	0,00	52028,83	10817,45	41211,38
411+6.41	10,32	0,00	68,51	0,00	52097,34	10817,45	41279,89
412+0.00	13,57	0,00	162,17	0,00	52259,51	10817,45	41442,06
412+18.20	15,21	0,00	261,68	0,00	52521,20	10817,45	41703,74
413+0.00	14,77	0,00	26,95	0,00	52548,14	10817,45	41730,69
414+0.00	16,01	0,00	307,75	0,00	52855,89	10817,45	42038,44
414+9.99	15,80	0,00	158,94	0,00	53014,83	10817,45	42197,38
415+0.00	19,98	0,00	179,04	0,00	53193,87	10817,45	42376,42
416+0.00	20,81	0,00	407,92	0,00	53601,79	10817,45	42784,34
417+0.00	20,80	0,00	416,03	0,00	54017,82	10817,45	43200,37
418+0.00	15,04	0,00	358,36	0,00	54376,18	10817,45	43558,73
418+14.45	12,37	0,00	198,04	0,00	54574,22	10817,45	43756,77
419+0.00	11,47	0,00	66,14	0,00	54640,36	10817,45	43822,91
419+1.14	11,26	0,00	12,93	0,00	54653,29	10817,45	43835,84
419+7.82	10,75	0,00	73,57	0,00	54726,86	10817,45	43909,40
420+0.00	9,36	0,00	122,46	0,00	54849,31	10817,45	44031,86
421+0.00	10,39	0,00	197,54	0,00	55046,86	10817,45	44229,40
422+0.00	11,71	0,00	221,04	0,00	55267,90	10817,45	44450,45
423+0.00	13,60	0,00	253,13	0,00	55521,02	10817,45	44703,57
423+3.37	13,07	0,07	44,96	0,01	55565,98	10817,46	44748,52
423+5.61	13,95	0,00	30,20	0,01	55596,18	10817,47	44778,71
423+7.84	14,22	0,00	31,48	0,00	55627,66	10817,47	44810,19
424+0.00	14,64	0,00	175,46	0,00	55803,12	10817,47	44985,65
425+0.00	15,98	0,00	306,22	0,00	56109,34	10817,47	45291,87
426+0.00	14,81	0,00	307,87	0,00	56417,21	10817,47	45599,74
427+0.00	15,27	0,00	300,84	0,00	56718,05	10817,47	45900,58
427+1.33	15,34	0,00	20,37	0,00	56738,41	10817,47	45920,94
427+4.03	15,44	0,00	41,62	0,00	56780,03	10817,47	45962,56
427+6.74	15,47	0,00	41,78	0,00	56821,81	10817,47	46004,34
428+0.00	15,91	0,00	208,04	0,00	57029,85	10817,47	46212,38
429+0.00	15,38	0,00	312,85	0,00	57342,70	10817,47	46525,23
430+0.00	15,12	0,00	304,96	0,00	57647,66	10817,47	46830,19
431+0.00	14,52	0,00	296,35	0,00	57944,01	10817,47	47126,54
432+0.00	13,05	0,00	275,64	0,00	58219,65	10817,47	47402,18
433+0.00	9,85	0,00	229,00	0,00	58448,64	10817,47	47631,18
434+0.00	7,58	0,00	174,31	0,00	58622,95	10817,47	47805,48
435+0.00	4,60	0,00	121,76	0,00	58744,71	10817,47	47927,24
436+0.00	2,72	0,29	73,15	0,27	58817,86	10817,74	48000,12
437+0.00	4,07	0,00	67,89	0,27	58885,75	10818,01	48067,75
438+0.00	4,93	0,00	89,96	0,00	58975,72	10818,01	48157,71
439+0.00	4,94	0,05	98,69	0,05	59074,40	10818,06	48256,35
439+4.09	4,85	0,29	20,00	0,07	59094,41	10818,12	48276,29
440+0.00	7,49	0,00	98,44	0,21	59192,85	10818,33	48374,51
440+1.60	7,65	0,00	12,10	0,00	59204,95	10818,33	48386,62
440+19.11	9,19	0,00	147,66	0,00	59352,61	10818,33	48534,28
441+0.00	9,08	0,00	8,14	0,00	59360,75	10818,33	48542,41
442+0.00	7,99	0,00	130,76	0,00	59531,51	10818,33	48713,17
443+0.00	5,33	0,00	170,19	0,00	59664,70	10818,33	48846,33



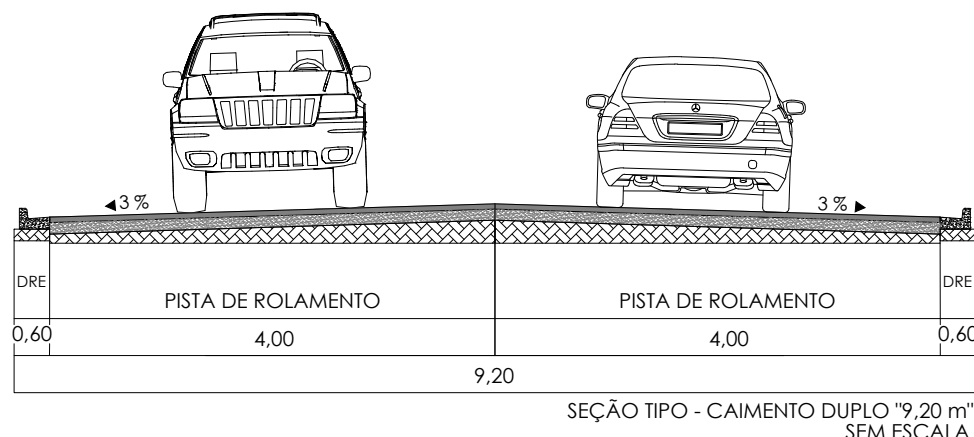
QUADRO DE VOLUME Anel Rodoviário							
Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m³)	Volume de Aterro (m³)	Volume de Corte Acumulado (m³)	Volume de Aterro Acumulado (m³)	Bota Fora ou Aterro
509+0.00	13,73	0,00	260,81	0,00	69492,10	11210,08	58282,02
510+0.00	15,80	0,00	295,32	0,00	69787,42	11210,08	58577,34
511+0.00	13,93	0,00	297,31	0,00	70084,73	11210,08	58874,65
512+0.00	11,51	0,00	254,43	0,00	70339,15	11210,08	59129,08
513+0.00	9,39	0,00	209,04	0,00	70548,19	11210,08	59338,11
514+0.00	8,08	0,00	174,75	0,00	70722,94	11210,08	59512,86
515+0.00	6,90	0,00	149,81	0,00	70872,75	11210,08	59662,67
516+0.00	5,09	0,00	119,92	0,00	70992,67	11210,08	59782,59
517+0.00	6,96	0,00	120,51	0,00	71113,18	11210,08	59903,11
518+0.00	5,33	0,00	122,87	0,00	71236,05	11210,08	60025,98
519+0.00	5,12	0,00	104,50	0,00	71340,55	11210,08	60130,47
520+0.00	6,31	0,00	114,30	0,00	71454,85	11210,08	60244,78
521+0.00	7,99	0,00	142,96	0,00	71597,82	11210,08	60387,74
522+0.00	7,29	0,00	152,72	0,00	71750,54	11210,08	60540,46
523+0.00	8,25	0,00	155,32	0,00	71905,86	11210,08	60695,78
524+0.00	9,19	0,00	174,34	0,00	72080,20	11210,08	60870,12
525+0.00	9,14	0,00	183,31	0,00	72263,50	11210,08	61053,43
526+0.00	9,75	0,00	188,97	0,00	72452,47	11210,08	61242,40
527+0.00	8,11	0,00	178,67	0,00	72631,15	11210,08	61421,07
528+0.00	6,96	0,00	150,69	0,00	72781,84	11210,08	61571,76
528+16.02	6,59	0,00	108,48	0,00	72890,32	11210,08	61680,24
529+0.00	6,64	0,00	26,34	0,00	72916,65	11210,08	61706,58
530+0.00	5,77	0,00	124,19	0,00	73040,84	11210,08	61830,76
531+0.00	4,06	0,00	98,37	0,00	73139,21	11210,08	61929,13
532+0.00	4,44	0,34	84,93	0,32	73224,14	11210,40	62013,74
533+0.00	6,00	0,00	104,36	0,32	73328,50	11210,72	62117,78
533+10.71	6,40	0,00	66,38	0,00	73394,89	11210,72	62184,16
534+0.00	6,12	0,00	58,18	0,00	73453,06	11210,72	62242,34
535+0.00	7,23	0,00	133,51	0,00	73586,57	11210,72	62375,85
536+0.00	6,32	0,00	135,49	0,00	73722,06	11210,72	62511,34
537+0.00	6,39	0,00	127,10	0,00	73849,16	11210,72	62638,44
538+0.00	5,51	0,00	119,06	0,00	73968,23	11210,72	62757,50
538+5.39	5,39	0,00	29,41	0,00	73997,64	11210,72	62786,91
538+19.73	5,23	0,00	76,17	0,00	74073,81	11210,72	62863,09
539+0.00	5,30	0,00	1,42	0,00	74075,24	11210,72	62864,51
540+0.00	5,39	0,00	106,95	0,00	74182,18	11210,73	62971,45
541+0.00	4,18	0,29	95,76	0,27	74277,94	11210,99	63066,94
542+0.00	2,08	1,80	62,60	1,95	74340,54	11212,94	63127,60
542+7.29	1,35	3,17	12,47	1,70	74353,01	11214,64	63138,37
543+0.00	0,06	23,98	8,88	16,18	74361,89	11230,82	63131,07
544+0.00	0,27	34,30	3,20	54,54	74365,09	11285,36	63079,73
545+0.00	0,34	31,97	6,03	61,78	74371,12	11347,15	63023,98
545+14.85	0,23	27,49	4,18	41,04	74375,31	11388,18	62987,12
546+0.00	0,23	26,32	1,19	12,88	74376,50	11401,06	62975,44
546+4.88	0,20	26,98	1,07	12,09	74377,57	11413,15	62964,43
546+19.28	0,26	21,64	3,26	32,50	74380,83	11445,65	62935,18
547+0.00	0,25	21,53	0,18	1,45	74381,01	11447,09	62933,92
547+13.67	0,89	12,36	7,73	21,49	74388,74	11468,59	62920,15
548+0.00	1,25	6,41	6,78	5,52	74395,52	11474,11	62921,41
549+0.00	2,85	0,70	41,07	6,61	74436,58	11480,72	62955,87
550+0.00	5,68	0,00	85,32	0,65	74521,90	11481,37	63040,53
550+14.47	7,45	0,00	95,02	0,00	74616,93	11481,37	63135,56
551+0.00	8,01	0,00	43,00	0,00	74659,92	11481,37	63178,55
551+0.43	7,89	0,00	3,44	0,00	74663,37	11481,37	63182,00
551+6.39	8,79	0,00	50,07	0,00	74713,44	11481,37	63232,07
552+0.00	10,33	0,00	130,10	0,00	74843,54	11481,37	63362,17
553+0.00	10,11	0,00	204,42	0,00	75047,96	11481,37	63566,59
554+0.00	11,11	0,00	212,18	0,00	75260,14	11481,37	63778,77
554+2.82	11,41	0,00	31,71	0,00	75291,85	11481,37	63810,48
554+11.47	10,80	0,00	96,64	0,00	75388,49	11481,37	63907,12
555+0.00	9,88	0,00	88,62	0,00	75477,11	11481,37	63995,74
555+0.13	9,86	0,00	1,28	0,00	75478,38	11481,37	63997,01
556+0.00	9,74	0,00	194,67	0,00	75673,05	11481,37	64191,68
557+0.00	9,06	0,00	188,00	0,00	75861,06	11481,37	64379,69
558+0.00	9,00	0,00	180,66	0,00	76041,72	11481,37	64560,35
559+0.00	7,52	0,00	165,17	0,00	76206,88	11481,37	64725,51
560+0.00	5,39	0,00	129,02	0,00	76335,90	11481,37	64854,53
561+0.00	5,76	0,01	111,44	0,01	76447,35	11481,38	64965,96
562+0.00	6,78	0,00	125,34	0,01	76572,69	11481,40	65091,29
562+11.21	6,40	0,00	73,87	0,00	76646,56	11481,40	65165,16
563+0.00	6,17	0,04	54,93	0,02	76701,48	11481,41	65220,07
563+15.15	6,41	0,00	94,81	0,03	76796,29	11481,44	65314,85
564+0.00	6,15	0,00	30,31	0,00	76826,60	11481,44	65345,16
564+19.10	5,68	0,00	112,58	0,00	76939,18	11481,44	65457,74
565+0.00	5,66	0,00	5,12	0,00	76944,29	11481,44	65462,85
566+0.00	5,81	0,27	114,78	0,25	77059,07	11481,69	65577,38
567+0.00	6,61	0,05	124,22	0,30	77183,30	11481,99	65701,31
568+0.00	8,05	0,00	146,59	0,05	77329,89	11482,04	65847,85
569+0.00	7,89	0,00	159,43	0,00	77489,31	11482,04	66007,28
569+2.44	8,05	0,00	19,43	0,00	77508,75	11482,04	66026,71

QUADRO DE VOLUME Anel Rodoviário							
Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m³)	Volume de Aterro (m³)	Volume de Corte Acumulado (m³)	Volume de Aterro Acumulado (m³)	Bota Fora ou Aterro
569+8.56	8,26	0,00	50,09	0,00	77558,84	11482,04	66076,80
569+14.68	8,43	0,00	51,26	0,00	77610,10	11482,04	66128,06
570+0.00	8,66	0,00	45,42	0,00	77655,52	11482,04	66173,49
571+0.00	9,15	0,00	178,12	0,00	77833,65	11482,04	66351,61
572+0.00	9,07	0,00	182,25	0,00	78015,90	11482,04	66533,86
573+0.00	10,49	0,00	195,59	0,00	78211,49	11482,04	66729,45
574+0.00	11,57	0,00	220,57	0,00	78432,05	11482,04	66950,02
575+0.00	12,15	0,00	237,22	0,00	78669,27	11482,04	67187,23
576+0.00	13,54	0,00	256,88	0,00	78926,15	11482,04	67444,12
577+0.00	15,03	0,00	285,62	0,00	79211,77	11482,04	67729,73
578+0.00	14,89	0,00	299,16	0,00	79510,93	11482,04	68028,89
579+0.00	14,07	0,00	289,56	0,00	79800,49	11482,04	68318,45
579+13.39	13,38	0,00	183,75	0,00	79984,24	11482,04	68502,20
579+14.64	13,33	0,00	16,67	0,00	80000,91	11482,04	68518,87
579+15.89	13,22	0,00	16,57	0,00	80017,48	11482,04	68535,45
580+0.00	13,21	0,00	54,36	0,00	80071,84	11482,04	68589,81
581+0.00	13,55	0,00	267,60	0,00	80339,44	11482,04	68857,41
582+0.00	12,32	0,00	258,69	0,00	80598,14	11482,04	69116,10
583+0.00	11,75	0,00	240,72	0,00	80838,86	11482,04	69356,83
584+0.00	11,15	0,00	229,01	0,00	81067,88	11482,04	69585,84
585+0.00	10,06	0,00	212,06	0,00	81279,93	11482,04	69797,90
586+0.00	9,49	0,00	195,50	0,00	81475,44	11482,04	69993,40
587+0.00	8,61	0,00	181,01	0,00	81656,45	11482,04	70174,41
588+0.00	8,38	0,00	169,89	0,00	81826,34	11482,04	70344,30
589+0.00	8,38	0,00	167,61	0,00	81993,95	11482,04	70511,91
590+0.00	7,79	0,00	161,72	0,00	82155,67	11482,04	70673,64
591+0.00	7,46	0,00	152,54	0,00	82308,21	11482,04	70826,17
592+0.00	7,73	0,00	151,92	0,00	82460,13	11482,04	70978,09
593+0.00	5,67	0,00	133,99	0,00	82594,12	11482,04	71112,08
594+0.00	5,28	0,00	109,49	0,00	82703,61	11482,04	71221,57
594+10.16	5,23	0,00	53,37	0,00	82756,98	11482,04	71274,95
595+0.00	3,34	0,03	42,34	0,01	82799,32	11482,05	71317,28
596+0.00	4,18	4,26	75,81	3,90	82875,13	11485,95	71389,19
596+15.46	3,60	1,31	60,68	3,92	82935,81	11489,86	71445,95
597+0.00	3,49	0,28	16,23	0,33	82952,04	11490,19	71461,85
598+0.00	5,44	0,05	89,74	0,30	83041,78	11490,49	71551,29
599+0.00	5,72	0,00	111,90	0,04	83153,68	11490,53	71663,15
599+0.76	5,78	0,00	4,39	0,00	83158,07	11490,53	71667,54
600+0.00	7,38	0,00	126,61	0,00	83284,68	11490,53	71794,15
601+0.00	10,44	0,00	178,18	0,00	83462,86	11490,53	71972,33
602+0.00	10,63	0,00	210,70	0,00	83673,56	11490,53	72183,03
603+0.00	10,90	0,00	215,28	0,00	83888,84	11490,53	72398,31
604+0.00	12,14	0,00	230,43	0,00	84119,27	11490,53	72628,73
605+0.00	13,36	0,00	255,05	0,00	84374,32	11490,53	72883,79
605+6.70	13,60	0,00	90,28	0,00	84464,60	11490,53	72974,07
605+10.69	13,85	0,00	54,71	0,00	84519,31	11490,53	73028,78
605+14.69	13,73	0,00	54,97	0,00	84574,28	11490,53	73083,75
606+0.00	13,47	0,00	72,22	0,00	84646,51	11490,53	73155,98
607+0.00	13,99	0,00	274,57	0,00	84921,08	11490,53	73430,55
608+0.00	15,96	0,00	299,41	0,00	85220,49	11490,53	73729,96
609+0.00	13,05	0,00	290,01	0,00	85510,49	11490,53	74019,96
610+0.00	9,42	0,00	224,70	0,00	85735,19	11490,53	74244,66
610+1.89	9,14	0,00	17,56	0,00	85752,75	11490,53	74262,22
610+16.90	8,67	0,00	133,69	0,00	85886,44	11490,53	74395,90
611+0.00	7,48	0,00	25,05	0,00	85911,49	11490,53	74420,95
611+11.91	8,21	0,00	92,82	0,00	86004,31	11490,53	74513,78
612+0.00	8,07	0,00	65,87	0,00	86070,17	11490,53	74579,64
612+7.60	8,45	0,00	62,80	0,00	86132,98	11490,53	74642,44
613+0.00	7,97	0,00	101,33	0,00	86234,31	11490,53	74743,78
613+1.33	7,90	0,00	10,54	0,00	86244,85	11490,53	74754,32
613+15.05	7,65	0,00	106,13	0,00	86350,98	11490,53	74860,45
614+0.00	7,40	0,01	37,21	0,00	86388,18	11490,53	74897,65
615+0.00	6,46	0,26	138,56	0,25	86526,74	11490,78	75035,96
616+0.00	5,72	0,22	121,81	0,45	86648,55	11491,23	75157,32
617+0.00	4,65	0,40	103,74	0,57	86752,28	11491,80	75260,48
618+0.00	3,94	0,66	85,96	0,98	86838,24	11492,78	75345,46
619+0.00	3,44	0,66	73,89	1,22	86912,13	11494,00	75418,13
620+0.00	3,13	1,27	65,75	1,79	86977,89	11495,80	75482,09
621+0.00	2,51	1,67	56,38	2,73	87034,27	11498,52	75535,75
622+0.00	2,51	1,65	50,21	3,08	87084,48	11501,60	75582,88
622+15.13	2,14	1,67	35,20	2,33	87119,68	11503,93	75615,75
623+0.00	2,17	1,56	10,38	0,76	87130,07	11504,70	75625,37
623+2.69	2,25	1,54	5,89	0,40	87135,95	11505,10	75630,85
623+10.26	1,97	1,40	15,84	1,07	87151,79	11506,17	75645,62
624+0.00	2,09	1,27	19,79	1,21	87171,58	11507,38	75664,20
625+0.00	1,53	1,98	36,19	3,02	87207,77	11510,40	75697,37
626+0.00	1,58	1,48	31,03	3,21	87238,81	11513,61	75725,20
627+0.00	1,38	3,51	29,54	4,63	87268,45	11518,24	75750,11
627+16.86	1,72	1,50	26,12	3,92	87299,47	11522,16	75772,30
628+0.00	1,73	1,49	5,41	0,45	87299,88	11522,61	75777,27



QUADRO DE VOLUME Anel Rodoviário							
Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m³)	Volume de Aterro (m³)	Volume de Corte Acumulado (m³)	Volume de Aterro Acumulado (m³)	Bota Fora ou Aterro
684+0.00	3,04	1,20	55,85	3,03	93031,30	12291,66	80739,63
685+0.00	1,26	2,71	42,96	3,63	93074,25	12295,29	80778,96
686+0.00	0,96	3,23	22,17	5,52	93096,42	12300,82	80795,60
687+0.00	3,32	0,88	42,73	3,83	93139,15	12304,65	80834,50
688+0.00	2,83	0,98	61,50	1,73	93200,65	12306,38	80894,27
689+0.00	3,16	0,98	59,89	1,82	93260,55	12308,20	80952,34
690+0.00	2,13	1,90	52,79	2,69	93313,34	12310,89	81002,45
691+0.00	3,88	0,58	60,08	2,31	93373,42	12313,20	81060,22
692+0.00	3,41	1,07	72,92	1,53	93446,34	12314,73	81131,61
692+6.93	4,04	0,65	25,79	0,55	93472,14	12315,29	81156,85
693+0.00	4,09	0,65	53,08	0,79	93525,22	12316,08	81209,14
694+0.00	2,98	1,30	70,66	1,81	93595,88	12317,89	81277,99
695+0.00	4,25	0,75	72,31	1,90	93668,19	12319,79	81348,40
696+0.00	4,58	0,37	88,30	1,04	93756,49	12320,83	81435,66
697+0.00	5,30	0,42	98,81	0,74	93855,30	12321,57	81533,74
698+0.00	6,37	0,29	116,88	0,66	93971,98	12322,22	81649,75
699+0.00	5,18	0,18	115,51	0,43	94087,49	12322,66	81764,83
700+0.00	4,35	0,61	95,31	0,73	94182,80	12323,39	81859,41
701+0.00	3,59	0,95	79,40	1,45	94262,20	12324,84	81937,35
702+0.00	3,32	1,10	69,13	1,91	94331,33	12326,75	82004,57
703+0.00	2,85	1,42	61,68	2,34	94393,00	12329,10	82063,91
704+0.00	2,28	1,85	51,29	3,04	94444,30	12332,13	82112,16
705+0.00	1,73	2,42	40,16	3,97	94484,45	12336,10	82148,35
706+0.00	1,57	2,86	33,00	4,91	94517,45	12341,01	82176,44
707+0.00	2,34	1,92	39,04	4,45	94556,48	12345,46	82211,03
708+0.00	3,68	0,61	60,21	2,35	94616,70	12347,81	82268,89
709+0.00	3,10	1,35	67,83	1,82	94684,53	12349,63	82334,89
710+0.00	4,14	0,49	72,37	1,71	94756,89	12351,34	82405,55
711+0.00	4,21	0,25	83,52	0,68	94840,42	12352,02	82488,40
712+0.00	12,89	0,00	170,99	0,23	95011,41	12352,25	82659,16
713+0.00	5,24	0,31	181,27	0,28	95192,67	12352,53	82840,14
714+0.00	8,08	0,00	133,26	0,28	95325,94	12352,82	82973,12
715+0.00	6,14	0,03	142,21	0,03	95468,15	12352,85	83115,30
715+15.95	6,30	0,05	99,18	0,06	95567,33	12352,91	83214,42
716+0.00	6,71	0,00	26,36	0,01	95593,70	12352,92	83240,78
717+0.00	10,66	0,00	173,84	0,00	95767,54	12352,92	83414,62
718+0.00	10,11	0,00	207,93	0,00	95975,46	12352,92	83622,54
718+15.35	8,25	0,00	140,91	0,00	96116,38	12352,92	83763,46
719+0.00	8,14	0,00	38,09	0,00	96154,46	12352,92	83801,54
720+0.00	7,50	0,00	156,50	0,00	96310,96	12352,92	83958,04
721+0.00	9,33	0,00	168,47	0,00	96479,43	12352,92	84126,51
721+14.76	3,49	1,01	94,63	0,69	96574,06	12353,61	84220,45
722+0.00	4,36	1,37	20,34	0,61	96594,40	12354,22	84240,18
723+0.00	0,71	3,23	50,73	4,28	96645,13	12358,49	84286,63
724+0.00	2,14	2,32	28,53	5,16	96673,65	12363,65	84310,00
725+0.00	3,97	0,75	61,15	2,85	96734,80	12366,50	84368,30
726+0.00	1,65	2,39	56,25	2,91	96791,05	12369,41	84421,64
727+0.00	3,36	0,72	50,08	2,88	96841,13	12372,29	84468,84
728+0.00	4,76	0,28	81,20	0,93	96922,33	12373,22	84549,12
729+0.00	10,09	0,00	148,53	0,26	97070,87	12373,48	84697,39
730+0.00	8,29	0,00	183,81	0,00	97254,67	12373,48	84881,20
731+0.00	9,59	0,00	178,86	0,00	97433,53	12373,48	85060,05
732+0.00	15,40	0,00	249,90	0,00	97683,43	12373,48	85309,95
733+0.00	14,80	0,00	301,92	0,00	97985,35	12373,48	85611,87
734+0.00	11,61	0,00	264,09	0,00	98249,44	12373,48	85875,96
735+0.00	12,25	0,00	238,60	0,00	98488,04	12373,48	86114,56
736+0.00	17,53	0,00	297,80	0,00	98785,84	12373,48	86412,36
737+0.00	3,24	2,00	207,70	1,85	98993,54	12375,33	86618,20
738+0.00	9,53	0,00	127,67	1,85	99121,20	12377,19	86744,02
739+0.00	1,66	3,19	111,88	2,97	99233,08	12380,15	86852,93
740+0.00	10,29	0,00	119,49	2,97	99352,57	12383,12	86969,45
741+0.00	1,04	22,80	113,27	21,18	99465,84	12404,30	87061,54
742+0.00	0,32	14,13	13,56	34,30	99479,40	12438,61	87040,80
743+0.00	2,39	1,31	27,10	14,34	99506,50	12452,95	87053,55
744+0.00	0,00	41,34	23,90	39,62	99530,40	12492,57	87037,83
745+0.00	0,01	62,98	0,09	96,92	99530,49	12589,49	86941,00
746+0.00	0,00	67,79	0,09	121,49	99530,59	12710,98	86819,61
747+0.00	2,99	2,35	29,88	65,16	99560,47	12776,13	86784,33
748+0.00	0,00	59,89	29,88	57,82	99590,35	12833,96	86756,39
749+0.00	0,19	25,59	1,85	79,42	99592,20	12913,37	86678,82
749+18.99	9,67	0,00	93,56	22,57	99685,76	12935,95	86749,81
750+0.00	9,20	0,00	9,55	0,00	99695,31	12935,95	86759,36
751+0.00	10,37	0,00	196,28	0,00	99891,59	12935,95	86955,64
752+0.00	14,80	0,00	252,64	0,00	100144,23	12935,95	87208,29
753+0.00	13,56	0,00	284,63	0,00	100428,87	12935,95	87492,92
753+7.40	15,26	0,00	106,90	0,00	100535,77	12935,95	87599,82
754+0.00	14,48	0,00	187,91	0,00	100723,68	12935,95	87787,74
755+0.00	14,49	0,00	290,48	0,00	101014,16	12935,95	88078,22
756+0.00	14,50	0,00	290,62	0,00	101304,78	12935,95	88368,84
756+15.81	12,85	0,00	216,67	0,00	101521,46	12935,95	88585,51

QUADRO DE VOLUME Anel Rodoviário							
Estaca	Área de Corte (m²)	Área de Aterro (m²)	Volume de Corte (m³)	Volume de Aterro (m³)	Volume de Corte Acumulado (m³)	Volume de Aterro Acumulado (m³)	Bota Fora ou Aterro
757+0.00	12,34	0,00	52,84	0,00	101574,29	12935,95	88638,35
758+0.00	9,36	0,00	217,05	0,00	101791,35	12935,95	88855,40
759+0.00	6,73	0,00	160,95	0,00	101952,30	12935,95	89016,35
760+0.00	5,44	0,22	121,69	0,21	102073,99	12936,16	89137,83
761+0.00	4,77	0,33	102,07	0,51	102176,06	12936,67	89239,39
762+0.00	5,08	0,18	98,52	0,47	102274,58	12937,14	89337,45
763+0.00	4,40	0,43	94,78	0,56	102369,36	12937,70	89431,66
764+0.00	4,05	0,32	84,44	0,70	102453,80	12938,40	89515,40
765+0.00	4,27	0,38	83,20	0,65	102537,01	12939,06	89597,95
766+0.00	3,73	0,48	80,05	0,80	102617,06	12939,85	89677,21
767+0.00	3,42	0,60	71,56	1,00	102688,62	12940,85	89747,77
768+0.00	2,61	1,37	60,31	1,82	102748,93	12942,67	89806,26
769+0.00	1,85	2,04	44,57	3,17	102793,50	12945,84	89847,66
770+0.00	1,71	2,23	35,62	3,97	102829,12	12949,81	89879,30
771+0.00	1,88	2,04	35,95	3,97	102865,06	12953,78	89911,28
772+0.00	2,03	1,78	39,13	3,55	102904,20	12957,33	89946,87
773+0.00	2,12	1,68	41,49	3,21	102945,68	12960,54	89985,15
774+0.00	2,53	1,41	46,42	2,87	102992,10	12963,41	90028,69
775+0.00	3,10	0,86	56,21	2,11	103048,31	12965,52	90082,79
776+0.00	3,49	0,57	65,86	1,33	103114,17	12966,85	90147,32
777+0.00	3,25	0,72	67,39	1,20	103181,56	12968,05	90213,51
777+6.15	2,75	1,15	18,46	0,53	103200,02	12968,58	90231,43
778+0.00	3,05	0,77	40,14	1,25	103240,15	12969,83	90270,32
779+0.00	4,88	0,02	79,21	0,74	103319,37	12970,57	90348,80
780+0.00	5,58	0,00	104,51	0,02	103423,87	12970,59	90453,29
781+0.00	6,55	0,00	121,28	0,00	103545,15	12970,59	90574,56
781+10.24	7,48	0,00	71,85	0,00	103617,00	12970,59	90646,42
782+0.00	7,53	0,00	73,40	0,00	103690,40	12970,59	90719,81
783+0.00	7,34	0,00	148,97	0,00	103839,37	12970,59	90868,78
784+0.00	7,33	0,00	147,02	0,00	103986,39	12970,59	91015,80
785+0.00	7,28	0,00	146,52	0,00	104132,91	12970,59	91162,32
785+14.32	6,13	0,00	96,23	0,00	104229,14	12970,59	91258,55
786+0.00	6,53	0,00	35,94	0,00	104265,08	12970,59	91294,49
787+0.00	5,23	0,01	117,58	0,01	104382,66	12970,59	91412,07
787+2.95	4,82	0,07	14,80	0,01	104397,46	12970,60	91426,85



OBSERVAÇÕES

- OBSERVAÇÕES GERAIS:  
1 – MEDIDAS, COORDENADAS E ELEVAÇÕES EM METRO, EXCETO ONDE INDICADO.  
2 – PODERÃO OCORRER AJUSTES EM CAMPO QUANDO A EXECUÇÃO DA OBRA POR DETERMINAÇÃO DA PREFEITURA.

LEGENDA

- EIXO PROJETADO  
- - - - - TERRENO NATURAL

BREJO				
REVISÃO	DESCRIÇÃO	TIPO	ELABORADO	VERIFICADO DATA
00	EMIÇÃO INICIAL	EXE	GMT	LGR 15/09/2021
01	REVISÃO	EXE	CLP	LGR 04/02/2022
02	REVISÃO	EXE	IFT	LGR 09/08/2022

TIPOS DE EMISSÃO	ATP - ANTEPROJETO	APV - APROVADO	CNC - CANCELADO
	BSC - BÁSICO	PCT - P/ CONSTRUÇÃO	
	EXE - EXECUTIVO	ASB - "AS BUILT"	

OBJETIVA  
PROJETOS E SERVIÇOS

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