

**DEPARTAMENTO DE ESTRADAS DE RODAGEM
DO DISTRITO FEDERAL- DER/DF
SUPERINTENDÊNCIA TÉCNICA - SUTEC**

**ELABORAÇÃO DE PROJETO BÁSICO PARA
IMPLANTAÇÃO DO ANEL VIÁRIO DO DISTRITO FEDERAL**

Rodovia : DF – 205

Trecho : Entrº GO-206 (Divisa GO/DF) - Entrº GO-430 (Divisa DF/GO))

Extensão: 78,7 km

VOLUME 1 - RELATÓRIO DO PROJETO BÁSICO

TOMO IV

OUTUBRO / 2018

**DEPARTAMENTO DE ESTRADAS DE RODAGEM
DO DISTRITO FEDERAL- DER/DF
SUPERINTENDÊNCIA TÉCNICA - SUTEC**

Rodovia : DF – 205
Extensão : 78,7 km
Supervisão : SUTEC/DER-DF
Coordenação : Comissão de Coordenação e Acompanhamento - CCA
Contrato : N° 006/2015
Processo : N° 113.000.942/2014
Elaboração : Strata Engenharia Ltda.
Edital : N° 002/2014

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1 – APRESENTAÇÃO

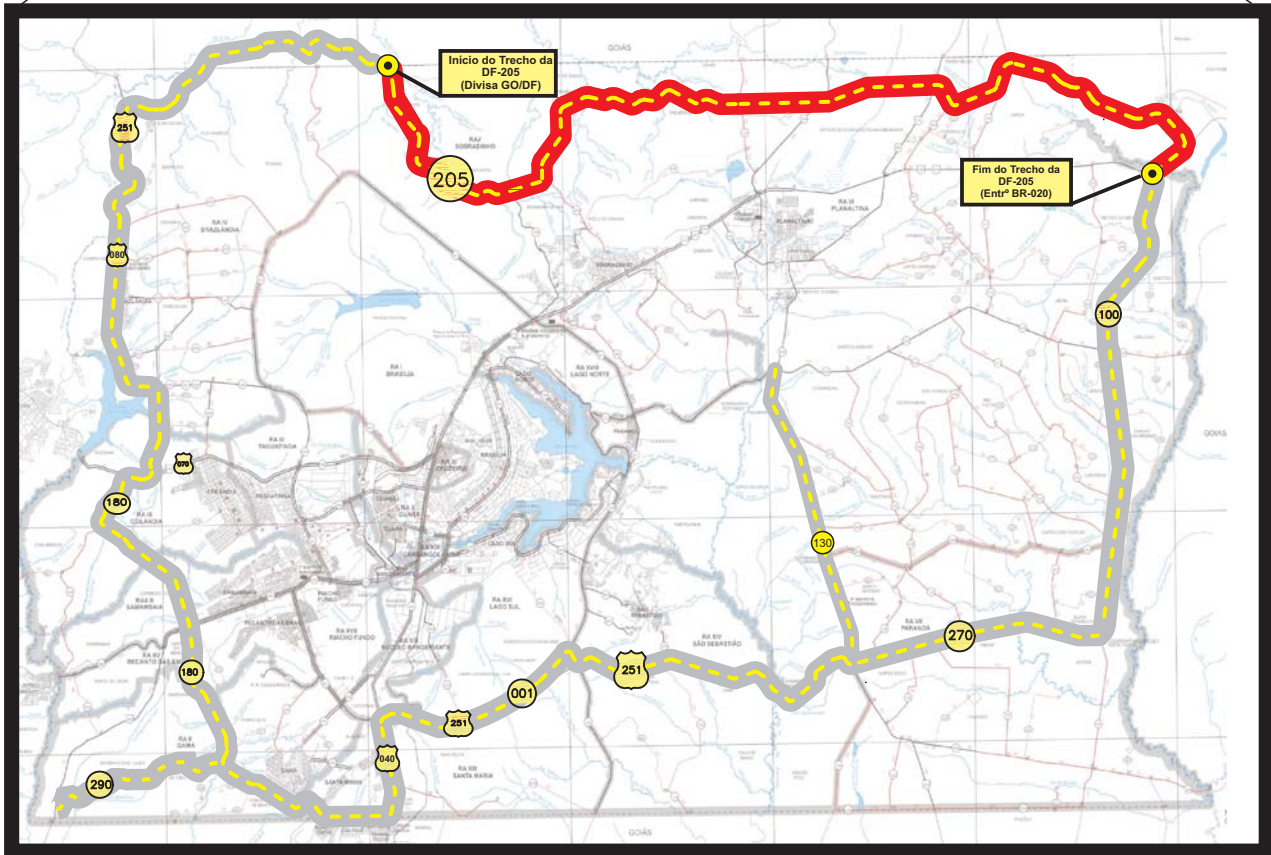
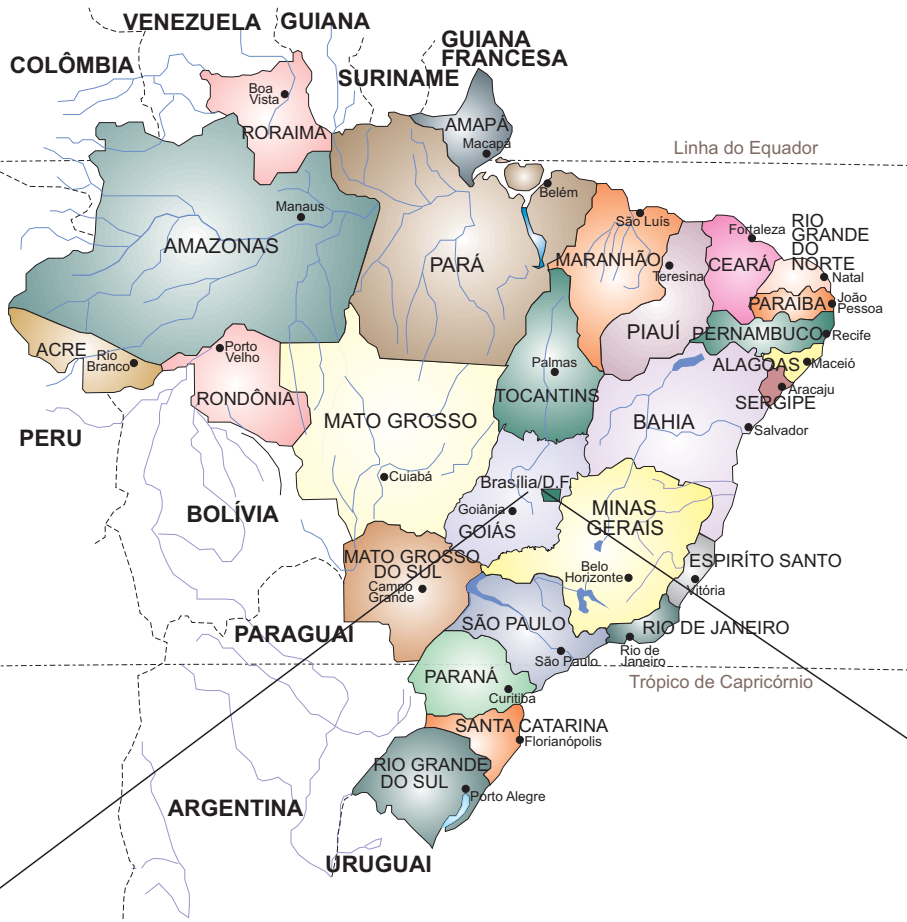
A **Strata Engenharia** apresenta ao Departamento de Estradas de Rodagem do Distrito Federal – DER/DF, o **Volume 1 - Relatório do Projeto Básico** da rodovia **DF-205**, integrante do Anel Viário do Distrito Federal, para o trecho indicado a seguir. O presente relatório é apresentado em conformidade com o Termo de Referência do Edital nº 002/2014 e corresponde ao Produto "C-2" da Fase C, parte integrante do Contrato nº 006/2015.

- **Lote** : **Único**
- **Rodovia** : **DF-205**
- **Trecho** : **Entrº GO-206 (Divisa GO/DF) - Entrº GO-430 (Divisa DF/GO)**
- **Extensão** : **78,7 km**



Paulo Romeu Assunção Gontijo
Coordenador Geral

2 – MAPA DE SITUAÇÃO



Rodovia: DF-205
 Trecho: Entrº GO-206 / Entrº GO-430
 Extensão: 78,7 km

Projeto Básico de Engenharia
MAPA DE SITUAÇÃO

4 – PROJETOS BÁSICOS

4.1 – PROJETO BÁSICO DE GEOMETRIA

4.1.1 – Introdução

O Projeto Básico de Geometria da rodovia DF-205 / GO-430, trecho: Divisa GO/DF – Divisa DF/GO foi elaborado a partir dos levantamentos topográficos, estudos hidrológicos, geológicos e geotécnicos, realizados.

Foram observadas ainda as considerações constantes da IS-208 do “Manual Diretrizes Básicas para Elaboração de Estudos e Projetos Rodoviários – (DNIT/2006) e do Manual de Projeto Geométrico de Rodovias Rurais – (DNER-1999), as recomendações constantes do Termo de Referência do Edital de Concorrência N°002/2014, buscando-se dotar o trecho de características técnicas satisfatórias e compatíveis aos níveis técnico-econômicos esperados.

O início do trecho (Estaca 0+0,00) se localiza na divisa dos estados GO/DF na rodovia DF-205 com as coordenadas topográficas N = 8.284.248,157 e E = 181.198,713 e tem seu término na divisa com a GO-430 (Estaca 3874+17,121), tem as coordenadas topográficas N = 8.281.840, 992 e E = 241.314,307 e perfazendo uma extensão total de projeto de 77.497,121m.

Informamos ainda que para elaboração do Projeto Geométrico Básico foi utilizado o software *Autodesk AutoCAD Civil 3D* (Versão: 2011) e que os desenhos finais foram finalizados no *software Autodesk AutoCad*.

4.1.2 - Informações Gerais

As principais diretrizes seguidas no projeto e listadas a seguir, foram determinadas pelos Técnicos DER-DF, integrantes da Comissão de Coordenação e Acompanhamento – CCA, através das Atas de Reuniões N° 01/2015, datada de 12/08/2015 e Ata N° 02/2015 datada de 03/09/15 e também da Carta N° 003/2015-CCA/SUTEC/DER/DF, datada 17/11/2015.

- **Rodovia Classe I-B;**
- **Velocidade diretriz de 80 km/h;**
- **Ano de Abertura ao Tráfego 2020;**
- **Horizonte de Projeto de 15 anos;**
- **Largura da faixa de domínio de 50,00 m para cada lado;**
- **Ciclovias com 3,0 m de largura.**

4.1.3 – Características Técnicas

4.1.3.1 – Rodovia DF-205

O projeto foi desenvolvido com base nas características técnicas e operacionais de rodovia padrão Classe “I-B”, atendendo à velocidade diretriz de 80 km/h.

A região atravessada pela linha do projeto foi classificada de forma geral como uma região Ondulada, apresentando uma rampa máxima de 8,99% entre as estacas 1493+0,00 a 1504+15,00 e rampa mínima de 0,34% entre as estacas 2450+0,00 a 2469+0,00.

A seção transversal-tipo adotada para a rodovia DF-205 apresenta os seguintes valores:

- | | |
|----------------------------------|---------------------------------------|
| ▪ Largura da pista de rolamento: | 2 x 3,60 m = 7,2 m; |
| ▪ Largura acostamento: | 2 x 2,50 m = 5,00 m; |
| ▪ Largura destinada à Drenagem: | 2 x 1,00 m = 2,0 m; |
| ▪ Abaulamento: | -3% com caimento para ambos os lados. |

A superelevação máxima foi de 10%.

4.1.3.2 – Veículo Tipo de Projeto

As características físicas dos veículos e a proporção entre os veículos tipos constituem-se parâmetros que condicionam diversos aspectos do dimensionamento geométrico de uma via. Para o projeto em questão, foi verificado o veículo de projeto quanto a sua largura em relação à largura da pista de rolamento e também a distância entre eixos para cálculo de superlargura da pista principal; De acordo com o estudo de tráfego, 68,06 % dos veículos que iram trafegar pela rodovia, são veículos de passeio, 4,06 % ônibus e 22,24 % de veículos de carga, sendo considerado um desvio

expressivo de Bitrens na composição dos veículos de carga para a rodovia após a conclusão do Anel Viário. Pelo exposto essa Consultora considerou como o Veículo de Projeto o Semi-Reboque (SR).

4.1.3.3 – Metodologia/Critérios

A Consultora procurou implantar ao máximo possível o traçado de uma forma harmônica, de modo a obter-se a otimização do projeto em termos de conforto e visibilidade de segurança.

4.1.3.4 – Projeto em Planta (Traçado)

Após a definição do posicionamento do eixo de implantação, passou-se ao desenvolvimento do projeto em planta, adotando-se os seguintes procedimentos:

- Importação dos dados topográficos (coordenadas e cotas) para o software *AutoCAD Civil 3D*, após realização da análise e adequação/alteração do *Datum* de *SICAD* para *SIRGAS 2000* no software *TopoGRAPH* da topografia fornecida pelo DER/DF oriunda do contrato N° 040/2008.
- Lançamento da diretriz do novo traçado em planta na escala 1:1, gerada pelos serviços de exploração das tangentes;
- Definição das curvas horizontais pelo processo analítico, através do software *AutoCAD Civil 3D*;
- Cálculo do estaqueamento do eixo de projeto também através do software *AutoCAD Civil 3D*;

As características do traçado da rodovia em planta são as seguintes:

CARACTERÍSTICAS		DESENVOLVIMENTO OU EXTENSÃO (m)	PORCENTAGEM (%)
EXTENSÃO	EM TANGENTE	55.445,85 m	71,5%
	EM CURVA	22.051,28 m	28,5%
	TOTAL	77.497,12 m	100%

CARACTERÍSTICAS	VALORES
RAIO MÍNIMO DE CURVATURA HORIZONTAL	115,00 m
FREQÜÊNCIA DE RAIO MÍNIMO	07
N.º TOTAL DE CURVAS HORIZONTAIS	71
N.º DE CURVAS P/ QUILÔMETRO	0,92 km

Cabe informar que o raio de 115,00 m foi utilizado entre as estacas 342+1,024 a 346+15,882; 514+13,475 a 516+15,277; 522+10,572 a 528+9,077 e 571+16,478 a 578+5,213 para possibilitar a concordância em trechos sinuosos da pista existente.

4.1.3.5 – Projeto em Perfil (Greide)

O greide representa o perfil do pavimento acabado no eixo da plataforma, e foi lançado em quase toda sua extensão acima do terreno natural de forma a favorecer a drenagem e evitando danos ao pavimento a implantar.

Cabe ressaltar que a plataforma existente se encontra em boa parte em corte, com rampas bastante elevadas, principalmente nas regiões próximas as pontes existentes, ocasionando com isso grandes volumes de cortes.

As características do traçado da rodovia DF-205 em perfil são as seguintes:

CARACTERÍSTICAS DO TRAÇADO EM PERFIL		
CARACTERÍSTICAS		VALORES
RAMPA	RAMPA MÁXIMA	8,99 %
	RAMPA MÍNIMA	0,34 %
EXTENSÃO	MÁXIMA DA MAIOR RAMPA	230,00 m
	MÁXIMA DA MENOR RAMPA	380,00 m
	EM NÍVEL	3.040,00 m
	EM CURVAS	31.775,00 m

4.1.3.6 – Quadro de Característica Técnica

O quadro de características técnicas da DF-205 é apresentado a seguir e no item 3 – Quadro de Características do Volume 2 – Projeto Básico de Execução.

CARACTERÍSTICAS DA SEÇÃO TRANSVERSAL			CARACTERÍSTICAS DO TRAÇADO EM PERFIL		
CARACTERÍSTICAS		VALORES	CARACTERÍSTICAS		VALORES
LARGURAS	PISTA DE ROLAMENTO	(2 x 3,60)	7,20 m	RAMPA MÁXIMA	8,99 %
	ACOSTAMENTO	(2 x 2,50)	5,00 m	RAMPA MÍNIMA	0,34 %
	FAIXA DE SEGURANÇA/DISPOSITIVO DE DRENAGEM	(2 x 1,00)	2,00 m	MÁXIMA DA MAIOR RAMPA	230,00 m
	CANTEIRO CENTRAL		VARIÁVEL	MÁXIMA DA MENOR RAMPA	380,00 m
	PLATAFORMA TOTAL	(2 x 7,10)	14,20 m	EM NÍVEL	3.040,00 m
	FAIXA DE DOMÍNIO	(2 x 50,00)	100,00 m	EM CURVAS	31.775,00 m
	TALUDE DE CORTE	(HV)	1/1		
	TALUDE DE ATERRO	(HV)	3/2		
INCLINAÇÃO	TALUDE DE ROCHA	(HV)	1/8		
	ABAULAMENTO DA PISTA DE ROLAMENTO		-3%		
	SUPERELEVÇÃO MÁXIMA		10%		

CARACTERÍSTICAS DO TRAÇADO EM PLANTA		
CARACTERÍSTICAS	DESENVOLVIMENTO OU EXTENSÃO (m)	PORCENTAGEM (%)
EM TANGENTE	55.445,85 m	71,5%
EM CURVA	22.051,28 m	28,5%
TOTAL	77.497,12 m	100%

CARACTERÍSTICAS			VALORES
RAIO MÍNIMO DE CURVATURA HORIZONTAL			115,00 m
FREQUÊNCIA DE RAO MÍNIMO			04
N.º TOTAL DE CURVAS HORIZONTAIS			71
N.º DE CURVAS P/ QUILOMETRO			0,92 km

RAIO (m)	FREQUÊNCIA		DESENVOLVIMENTO	
	ABSOLUTO	RELATIVO (%)	ABSOLUTO	RELATIVO (%)
R ≤ 50				
50 < R ≤ 100				
100 < R ≤ 200	12	16,9 %	3.101,45 m	14,1 %
200 < R ≤ 300	14	19,7 %	3.518,49 m	16,0 %
300 < R ≤ 400	06	8,5 %	1.715,55 m	7,8 %
400 < R ≤ 500	05	7,0 %	1.756,64 m	8,0 %
500 < R ≤ 600	04	5,6 %	1.168,64 m	5,3 %
600 < R ≤ 700	10	14,1 %	5.957,25 m	27,0 %
700 < R ≤ 800	03	4,2 %	1.127,04 m	5,1 %
800 < R ≤ 900	02	2,8 %	717,21 m	3,3 %
900 < R ≤ 1000	02	2,8 %	1.210,59 m	5,5 %
1000 < R ≤ 2000	06	8,5 %	1.371,18 m	6,2 %
R > 2000	07	9,9 %	407,24 m	1,8 %
TOTAL	71	100 %	22.051,28 m	100 %

CARACTERÍSTICAS OPERACIONAIS			VALORES
CARACTERÍSTICAS - GEOMETRIA			I B
CLASSE DA RODOVA			Ondulada
REGIÃO			80 km/h
VELOCIDADE DIRETRIZ			140,00 m
DISTÂNCIA DE VISIBILIDADE	(Desejável)		110,00 m
DE PARADA	(Absoluta)		560,00 m
DE ULTRAPASSAGEM			3,38%
RISE AND FALL			0,124
TORTUOSIDADE MÉDIA			106.154,29 m
COMPRIMENTO VIRTUAL			115°10'17"
CURVATURA HORIZONTAL	(Graus/km)		48,00 m/km
SUBIDAS E DESCIDAS			
CARACTERÍSTICAS - TRAFEGO / PAVIMENTAÇÃO			VALORES
NÚMERO EQUIVALENTE "N" EIXO PADRÃO DE 8,2 t (2022)	(USACE)		1.41E+07/3,68E+07
TIPO DE SUPERFÍCIE DE ROLAMENTO			CBUQ
VOLUME MÉDIO DIÁRIO ANO DE ABERTURA (2013) / ANO FINAL VIDA ÚTIL (2022)			1871-3675/6891-7232

4.1.3.2 – Ciclovía

Conforme definido no Termo de Referência constante do Edital de Concorrência N°002/2014, esta sendo considerada a implantação de uma ciclovía em toda a extensão da DF-205.

Para a implantação da mesma, foi considerado uma plataforma de 3,0m de largura, com um afastamento de aproximadamente 18,00m do eixo da rodovia. Cabe destacar que o greide foi lançado o mais próximo do terreno natural conforme solicitado pela Comissão de Coordenação e Acompanhamento – CCA.

Em alguns seguimentos a ciclovía foi projetada junto ao bordo da rodovia com o objetivo de reduzir a terraplenagem, evitar possíveis interferências e desapropriações, além de facilitar à travessia e possibilitar o acesso dos usuários a ciclovía.

Cabe informar que nas pontes existentes e projetadas a ciclovía foi projetada junto ao bordo da pista.

O quadro de características técnicas da ciclovía é apresentado a seguir e no Volume 2 – Projeto Básico de Execução no item 3 – Quadro de Características.

CARACTERÍSTICAS DA SEÇÃO TRANSVERSAL		
CARACTERÍSTICAS	VALORES	
PISTA DE ROLAMENTO	(2 x 1,50)	3,00 m
ACOSTAMENTO	(2 x 0,00)	0,00 m
FAIXA DE SEGURANÇA/DISPOSITIVO DE DRENAGEM	(2 x 0,00)	0,00 m
CANTEIRO CENTRAL		
PLATAFORMA TOTAL	(2 x 1,50)	3,00 m
FAIXA DE DOMÍNIO	(2 x 50,00)	100,00 m
TALUDE DE CORTE	(H/V)	1/1
TALUDE DE ATERRO	(H/V)	3/2
TALUDE DE ROCHA	(H/V)	1/8
ABAULAMENTO DA PISTA DE ROLAMENTO		-3%
SUPERELEVÇÃO MÁXIMA		10%

CARACTERÍSTICAS DO TRACADO EM PLANTA		
CARACTERÍSTICAS	DESENVOLVIMENTO OU EXTENSÃO (m)	PORCENTAGEM (%)
EM TANGENTE	56.783,80 m	72,4%
EM CURVA	21.594,46 m	27,6%
TOTAL	78.378,26 m	100%

CARACTERÍSTICAS		VALORES
RAIO MÍNIMO DE CURVATURA HORIZONTAL		1,50 m
FREQUÊNCIA DE RAIO MÍNIMO		16
N.º TOTAL DE CURVAS HORIZONTAIS		140
N.º DE CURVAS P/ QUILOMETRO		1,79 km

RAIO (m)	FREQUÊNCIA		DESENVOLVIMENTO	
	ABSOLUTO	RELATIVO (%)	ABSOLUTO	RELATIVO (%)
R ≤ 50				
50 < R ≤ 100	19	13,6 %	1.030,92 m	4,8 %
100 < R ≤ 200	26	18,6 %	3.984,61 m	18,5 %
200 < R ≤ 300	15	10,7 %	2.650,95 m	12,3 %
300 < R ≤ 400	08	5,7 %	1.872,02 m	8,7 %
400 < R ≤ 500	06	4,3 %	1.568,79 m	7,3 %
500 < R ≤ 600	02	1,4 %	663,60 m	3,1 %
600 < R ≤ 700	12	8,6 %	5.177,30 m	24,0 %
700 < R ≤ 800	02	1,4 %	880,87 m	4,1 %
800 < R ≤ 900	02	1,4 %	588,99 m	2,7 %
900 < R ≤ 1000	03	2,1 %	1.259,28 m	5,8 %
1000 < R ≤ 2000	05	3,6 %	1.281,42 m	5,9 %
R > 2000	40	28,6 %	635,71 m	2,9 %
TOTAL	140	100 %	21.594,46 m	100 %

CARACTERÍSTICAS DO TRACADO EM PERFIL			
CARACTERÍSTICAS		VALORES	
RAMPA	RAMPA MÁXIMA		9,12 %
	RAMPA MÍNIMA		0,35 %
	MÁXIMA DA MAIOR RAMPA		28,82 m
EXTENSÃO	MÁXIMA DA MENOR RAMPA		69,00 m
	EM NÍVEL		4,070,10 m
	EM CURVAS		33,975,51 m

DECLIVES (%)	EXTENSÃO	
	ABSOLUTA (m)	RELATIVA (%)
0 < % ≤ 1	4.451,41 m	25,7 %
1 < % ≤ 2	2.857,91 m	16,5 %
2 < % ≤ 3	2.080,48 m	12,0 %
3 < % ≤ 4	1.213,11 m	7,0 %
4 < % ≤ 5	1.312,56 m	7,6 %
5 < % ≤ 6	1.990,14 m	11,5 %
6 < % ≤ 7	2.050,44 m	11,8 %
7 < % ≤ 8	966,52 m	5,6 %
8 < % ≤ 9	394,75 m	2,3 %
9 < % ≤ 10	28,20 m	0,2 %
10 < % ≤ 11		
11 < % ≤ 12		
12 < % ≤ 13		
13 < % ≤ 14		
14 < % ≤ 15		
TOTAL	17.345,52 m	100,0 %

ACTIVES (%)	EXTENSÃO	
	ABSOLUTA (m)	RELATIVA (%)
0 < % ≤ 1	1.559,85 m	6,8 %
1 < % ≤ 2	4.990,48 m	21,7 %
2 < % ≤ 3	2.135,04 m	9,3 %
3 < % ≤ 4	2.377,55 m	10,3 %
4 < % ≤ 5	4.404,81 m	19,2 %
5 < % ≤ 6	3.358,04 m	14,6 %
6 < % ≤ 7	3.514,50 m	15,3 %
7 < % ≤ 8	569,06 m	2,5 %
8 < % ≤ 9	49,00 m	0,2 %
9 < % ≤ 10	28,82 m	0,1 %
10 < % ≤ 11		
11 < % ≤ 12		
12 < % ≤ 13		
13 < % ≤ 14		
14 < % ≤ 15		
TOTAL	22.987,15 m	100,0 %

CARACTERÍSTICAS OPERACIONAIS		
CARACTERÍSTICAS - GEOMETRIA		
CLASSE DA RODOVIA		VALORES
REGIÃO		I B
VELOCIDADE DIRETRIZ		Ondulada
DISTÂNCIA DE VISIBILIDADE	DE PARADA (Dessejável)	80 km/h
	DE PARADA (Absoluta)	140,00 m
	DE ULTRAPASSAGEM	110,00 m
DADOS CALCULADOS	RISE AND FALL	560,00 m
	TORTUOSIDADE MÉDIA	3,24%
	COMPRIMENTO VIRTUAL	13,784
	CURVATURA HORIZONTAL (Graus/km)	105.400,86 m
SUBIDAS E DESCIDAS		238°47'11"
		46,49 m/km
CARACTERÍSTICAS - TRAFEGO / PAVIMENTAÇÃO		
NÚMERO EQUIVALENTE "N" EIXO PADRÃO DE 8,2t (2022)		(USACE)
TIPO DE SUPERFÍCIE DE ROLAMENTO		
VOLUME MÉDIO DIÁRIO ANO DE ABERTURA (2013) / ANO FINAL VIDA ÚTIL (2022)		

4.1.6 – Apresentação

O projeto geométrico básico é apresentado no Volume 2 - Projeto de Execução, conforme descrito a seguir.

Planta desenhada na escala 1:2.000, contendo:

- eixo de projeto, estaqueado de 20 em 20m;
- representação hipsométrica do terreno, com indicação das projeções das curvas de nível a cada 1m, abrangendo toda a faixa levantada;
- representação das linhas de bordo da plataforma da pista atual (tracejadas) e da pista projetada (linhas contínuas);
- linhas de off-sets de cortes (contínuas) e de aterros (tracejadas);
- representação dos pontos notáveis das curvas horizontais;
- quadros contendo elementos definidores das curvas horizontais;
- cadastro de propriedades e cercas de divisas interferentes com a faixa de domínio;
- obras de arte correntes (bueiros) existentes e projetadas;
- acidentes topográficos, como cursos d'água, brejos, lagoas etc;
- representação das interseções projetadas;
- representação dos furos de sondagens do subleito;
- malha de coordenadas com representação do norte verdadeiro.

Perfil longitudinal nas escalas 1:2000 (H) e 1:200 (V), contendo:

- perfil do terreno natural correspondente ao eixo do projeto;
- o greide projetado, de pavimento acabado, com indicação dos principais elementos definidores das curvas parabólicas e rampas;
- representação dos bueiros e dos pontos existentes e projetados;
- representação dos furos de sondagens do subleito, e sua classificação.

Segue anexo abaixo em forma de planilha os elementos do traçado horizontal e vertical:

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0	181.198,7131	8.284.248,1574	779,388m	779,388m	INICIO
0+020,00	1	181.212,4683	8.284.233,6386	777,812m	777,788m	
0+040,00	2	181.226,2234	8.284.219,1198	776,308m	776,188m	
0+052,56	2+12,56	181.234,8650	8.284.209,9984	775,237m	775,183m	TE
0+060,00	3	181.239,9760	8.284.204,5986	775,365m	774,588m	
0+080,00	4	181.253,6068	8.284.189,9633	777,557m	772,988m	
0+092,56	4+12,56	181.261,9798	8.284.180,5950	776,952m	771,983m	EC
0+098,00	4+18,00	181.265,5328	8.284.176,4821	776,127m	771,548m	PCV
0+100,00	5	181.266,8289	8.284.174,9589	775,814m	771,389m	
0+120,00	6	181.279,4469	8.284.159,4434	771,159m	769,954m	
0+140,00	7	181.291,4278	8.284.143,4308	767,855m	768,793m	
0+158,00	7+18,00	181.301,6499	8.284.128,6162	765,026m	767,983m	PIV
0+160,00	8	181.302,7523	8.284.126,9474	764,781m	767,907m	
0+180,00	9	181.313,4016	8.284.110,0200	763,723m	767,295m	
0+182,45	9+2,45	181.314,6593	8.284.107,9164	763,932m	767,239m	CE
0+200,00	10	181.323,3982	8.284.092,6985	764,438m	766,958m	
0+214,56	10+14,56	181.330,4051	8.284.079,9409	764,419m	766,885m	
0+218,00	10+18,00	181.332,0475	8.284.076,9129	764,448m	766,890m	PTV
0+220,00	11	181.332,9999	8.284.075,1543	764,511m	766,894m	
0+222,45	11+2,45	181.334,1664	8.284.072,9988	764,552m	766,900m	ET
0+240,00	12	181.342,5182	8.284.057,5644	757,686m	766,942m	
0+255,00	12+15,00	181.349,6568	8.284.044,3720	765,100m	766,977m	PCV
0+260,00	13	181.352,0364	8.284.039,9746	765,443m	766,998m	
0+280,00	14	181.361,5546	8.284.022,3847	767,543m	767,252m	
0+285,00	14+5,00	181.363,9341	8.284.017,9872	768,372m	767,359m	PIV
0+300,00	15	181.371,0728	8.284.004,7948	770,826m	767,784m	
0+315,00	15+15,00	181.378,2114	8.283.991,6024	772,269m	768,364m	PTV
0+320,00	16	181.380,5910	8.283.987,2049	772,616m	768,583m	
0+340,00	17	181.390,1092	8.283.969,6150	773,168m	769,460m	
0+360,00	18	181.399,6274	8.283.952,0252	773,913m	770,338m	
0+380,00	19	181.409,1456	8.283.934,4353	774,678m	771,215m	
0+400,00	20	181.418,6638	8.283.916,8454	774,930m	772,092m	
0+420,00	21	181.428,1820	8.283.899,2555	775,085m	772,969m	
0+440,00	22	181.437,7002	8.283.881,6656	775,200m	773,846m	
0+460,00	23	181.447,2184	8.283.864,0758	775,371m	774,724m	
0+476,60	23+16,60	181.455,1176	8.283.849,4779	775,576m	775,452m	TE
0+480,00	24	181.456,7365	8.283.846,4859	775,620m	775,601m	
0+500,00	25	181.466,2410	8.283.828,8885	775,987m	776,478m	
0+520,00	26	181.475,6848	8.283.811,2586	776,830m	777,355m	
0+540,00	27	181.485,0158	8.283.793,5688	777,692m	778,233m	
0+560,00	28	181.494,1816	8.283.775,7928	778,706m	779,110m	
0+580,00	29	181.503,1285	8.283.757,9058	779,763m	779,987m	
0+600,00	30	181.511,8025	8.283.739,8849	780,651m	780,864m	
0+620,00	31	181.520,1479	8.283.721,7096	781,267m	781,741m	
0+640,00	32	181.528,1082	8.283.703,3625	781,755m	782,619m	
0+646,60	32+6,60	181.530,6400	8.283.697,2696	781,938m	782,908m	EC
0+660,00	33	181.535,6280	8.283.684,8306	782,323m	783,496m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+680,00	34	181.542,6826	8.283.666,1166	783,045m	784,373m	
0+685,00	34+5,00	181.544,3730	8.283.661,4111	783,324m	784,592m	PCV
0+700,00	35	181.549,2672	8.283.647,2322	784,176m	785,218m	
0+720,00	36	181.555,3777	8.283.628,1890	784,958m	785,950m	
0+740,00	37	181.561,0102	8.283.608,9991	786,496m	786,566m	
0+760,00	38	181.566,1613	8.283.589,6744	787,414m	787,067m	
0+780,00	39	181.570,8276	8.283.570,2269	788,773m	787,451m	
0+800,00	40	181.575,0064	8.283.550,6689	790,194m	787,720m	
0+810,00	40+10,00	181.576,9121	8.283.540,8522	790,781m	787,811m	PIV
0+820,00	41	181.578,6950	8.283.531,0125	791,355m	787,873m	
0+836,35	41+16,35	181.581,3445	8.283.514,8801	792,222m	787,912m	PB
0+840,00	42	181.581,8911	8.283.511,2700	792,402m	787,910m	
0+860,00	43	181.584,5927	8.283.491,4539	793,058m	787,830m	
0+880,00	44	181.586,7980	8.283.471,5763	792,745m	787,635m	
0+900,00	45	181.588,5058	8.283.451,6499	791,423m	787,324m	
0+902,57	45+2,57	181.588,6894	8.283.449,0832	791,191m	787,276m	CE
0+920,00	46	181.589,7214	8.283.431,6874	789,745m	786,898m	
0+935,00	46+15,00	181.590,3359	8.283.416,7001	788,270m	786,501m	PTV
0+940,00	47	181.590,4889	8.283.411,7025	787,732m	786,358m	
0+960,00	48	181.590,8667	8.283.391,7063	786,016m	785,787m	PCV
0+960,00	48	181.590,8667	8.283.391,7063	786,016m	785,787m	
0+980,00	49	181.590,9133	8.283.371,7065	784,196m	785,256m	
1+000,00	50	181.590,6877	8.283.351,7079	782,996m	784,809m	
1+020,00	51	181.590,2487	8.283.331,7128	782,636m	784,444m	
1+040,00	52	181.589,6551	8.283.311,7217	782,421m	784,162m	
1+060,00	53	181.588,9657	8.283.291,7336	782,359m	783,963m	
1+072,57	53+12,57	181.588,5097	8.283.279,1686	782,298m	783,880m	ET
1+080,00	54	181.588,2389	8.283.271,7468	781,849m	783,847m	
1+098,05	54+18,05	181.587,5807	8.283.253,7078	781,549m	783,813m	
1+100,00	55	181.587,5097	8.283.251,7601	781,926m	783,814m	
1+120,00	56	181.586,7804	8.283.231,7734	781,849m	783,863m	
1+140,00	57	181.586,0512	8.283.211,7867	781,858m	783,954m	
1+160,00	58	181.585,3219	8.283.191,8000	782,102m	784,045m	
1+180,00	59	181.584,5927	8.283.171,8133	782,640m	784,136m	
1+192,27	59+12,27	181.584,1453	8.283.159,5522	783,294m	784,192m	TE
1+200,00	60	181.583,8680	8.283.151,8264	783,794m	784,227m	
1+220,00	61	181.583,3431	8.283.131,8337	784,871m	784,318m	
1+240,00	62	181.583,4708	8.283.111,8357	785,237m	784,409m	
1+242,27	62+2,27	181.583,5474	8.283.109,5678	785,237m	784,419m	EC
1+260,00	63	181.584,6659	8.283.091,8744	785,406m	784,499m	
1+280,00	64	181.587,0324	8.283.072,0178	784,991m	784,590m	
1+300,00	65	181.590,5622	8.283.052,3346	783,665m	784,681m	
1+300,24	65+0,24	181.590,6113	8.283.052,1008	783,670m	784,682m	CE
1+320,00	66	181.595,1697	8.283.032,8745	783,839m	784,772m	
1+340,00	67	181.600,4668	8.283.013,5892	783,998m	784,863m	
1+350,24	67+10,24	181.603,2969	8.283.003,7492	784,177m	784,910m	ET
1+360,00	68	181.606,0047	8.282.994,3713	784,368m	784,954m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
1+380,00	69	181.611,5527	8.282.975,1562	784,682m	785,045m	
1+386,02	69+6,02	181.613,2234	8.282.969,3699	784,692m	785,072m	PC
1+400,00	70	181.617,0224	8.282.955,9188	784,916m	785,136m	
1+400,00	70	181.617,0224	8.282.955,9188	784,916m	785,136m	PCV
1+420,00	71	181.622,1853	8.282.936,5969	785,347m	785,295m	
1+440,00	72	181.627,0255	8.282.917,1917	785,622m	785,592m	
1+460,00	73	181.631,5416	8.282.897,7085	786,059m	786,025m	
1+480,00	74	181.635,7324	8.282.878,1527	786,682m	786,595m	
1+480,00	74	181.635,7324	8.282.878,1527	786,682m	786,595m	PIV
1+500,00	75	181.639,5967	8.282.858,5298	787,406m	787,302m	
1+520,00	76	181.643,1335	8.282.838,8453	788,047m	788,146m	
1+540,00	77	181.646,3416	8.282.819,1045	788,916m	789,127m	
1+560,00	78	181.649,2204	8.282.799,3130	789,983m	790,245m	
1+560,00	78	181.649,2204	8.282.799,3130	789,983m	790,245m	PTV
1+580,00	79	181.651,7688	8.282.779,4762	790,958m	791,431m	
1+600,00	80	181.653,9864	8.282.759,5998	792,031m	792,617m	
1+620,00	81	181.655,8723	8.282.739,6891	793,215m	793,803m	
1+640,00	82	181.657,4262	8.282.719,7498	794,169m	794,990m	
1+660,00	83	181.658,6476	8.282.699,7874	795,095m	796,176m	
1+680,00	84	181.659,5361	8.282.679,8074	796,172m	797,362m	
1+700,00	85	181.660,0914	8.282.659,8153	797,403m	798,549m	
1+720,00	86	181.660,3136	8.282.639,8168	798,760m	799,735m	
1+740,00	87	181.660,2024	8.282.619,8173	799,845m	800,921m	
1+760,00	88	181.659,7579	8.282.599,8225	801,164m	802,107m	
1+776,90	88+16,90	181.659,1228	8.282.582,9394	802,559m	803,110m	PT
1+780,00	89	181.658,9842	8.282.579,8377	802,862m	803,294m	
1+800,00	90	181.658,0917	8.282.559,8576	804,748m	804,480m	
1+820,00	91	181.657,1992	8.282.539,8775	806,398m	805,666m	
1+840,00	92	181.656,3067	8.282.519,8974	807,951m	806,853m	
1+860,00	93	181.655,4142	8.282.499,9173	809,028m	808,039m	
1+880,00	94	181.654,5217	8.282.479,9373	809,891m	809,225m	
1+900,00	95	181.653,6293	8.282.459,9572	810,704m	810,411m	
1+920,00	96	181.652,7368	8.282.439,9771	811,304m	811,598m	
1+940,00	97	181.651,8443	8.282.419,9970	811,792m	812,784m	
1+960,00	98	181.650,9518	8.282.400,0170	812,719m	813,970m	
1+980,00	99	181.650,0593	8.282.380,0369	814,010m	815,157m	
2+000,00	100	181.649,1668	8.282.360,0568	815,699m	816,343m	
2+020,00	101	181.648,2743	8.282.340,0767	817,417m	817,529m	
2+040,00	102	181.647,3818	8.282.320,0967	818,980m	818,715m	
2+060,00	103	181.646,4893	8.282.300,1166	820,404m	819,902m	
2+080,00	104	181.645,5968	8.282.280,1365	821,742m	821,088m	
2+100,00	105	181.644,7043	8.282.260,1564	823,069m	822,274m	
2+120,00	106	181.643,8118	8.282.240,1764	824,465m	823,461m	
2+140,00	107	181.642,9193	8.282.220,1963	825,976m	824,647m	
2+157,61	107+17,61	181.642,1337	8.282.202,6087	827,297m	825,691m	TE
2+160,00	108	181.642,0269	8.282.200,2162	827,483m	825,833m	
2+180,00	109	181.641,2247	8.282.180,2324	829,036m	827,019m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
2+200,00	110	181.640,8550	8.282.160,2367	830,505m	828,206m	
2+220,00	111	181.641,3044	8.282.140,2438	831,864m	829,392m	
2+240,00	112	181.642,9574	8.282.120,3164	833,131m	830,578m	
2+247,61	112+7,61	181.643,9805	8.282.112,7807	833,676m	831,029m	EC
2+260,00	113	181.646,1744	8.282.100,5831	834,541m	831,765m	
2+280,00	114	181.651,0896	8.282.081,2029	836,068m	832,951m	
2+300,00	115	181.657,6693	8.282.062,3229	838,193m	834,137m	
2+320,00	116	181.665,8638	8.282.044,0856	839,342m	835,323m	
2+340,00	117	181.675,6112	8.282.026,6289	840,783m	836,510m	
2+345,34	117+5,34	181.678,4659	8.282.022,1192	841,024m	836,826m	CE
2+360,00	118	181.686,8172	8.282.010,0699	841,648m	837,696m	
2+380,00	119	181.699,1983	8.281.994,3672	842,826m	838,882m	
2+400,00	120	181.712,4019	8.281.979,3472	843,950m	840,069m	
2+420,00	121	181.726,1114	8.281.964,7860	844,746m	841,255m	
2+435,34	121+15,34	181.736,7849	8.281.953,7718	845,215m	842,131m	ET
2+440,00	122	181.740,0360	8.281.950,4297	845,231m	842,384m	
2+460,00	123	181.753,9815	8.281.936,0936	845,860m	843,397m	
2+480,00	124	181.767,9270	8.281.921,7575	846,448m	844,295m	
2+500,00	125	181.781,8725	8.281.907,4214	846,632m	845,078m	
2+520,00	126	181.795,8180	8.281.893,0853	846,831m	845,746m	
2+540,00	127	181.809,7635	8.281.878,7492	846,868m	846,298m	
2+560,00	128	181.823,7090	8.281.864,4132	846,930m	846,735m	
2+580,00	129	181.837,6545	8.281.850,0771	847,028m	847,057m	
2+600,00	130	181.851,5999	8.281.835,7410	847,159m	847,322m	
2+620,00	131	181.865,5454	8.281.821,4049	847,287m	847,586m	
2+640,00	132	181.879,4909	8.281.807,0688	847,363m	847,851m	
2+660,00	133	181.893,4364	8.281.792,7327	847,413m	848,115m	
2+680,00	134	181.907,3819	8.281.778,3966	847,562m	848,379m	
2+700,00	135	181.921,3274	8.281.764,0606	847,787m	848,644m	
2+720,00	136	181.935,2729	8.281.749,7245	848,061m	848,908m	
2+740,00	137	181.949,2184	8.281.735,3884	848,452m	849,172m	
2+760,00	138	181.963,1639	8.281.721,0523	848,948m	849,437m	
2+780,00	139	181.977,1094	8.281.706,7162	849,516m	849,701m	
2+800,00	140	181.991,0548	8.281.692,3801	850,180m	850,024m	
2+820,00	141	182.005,0003	8.281.678,0441	850,952m	850,464m	
2+840,00	142	182.018,9458	8.281.663,7080	851,752m	851,021m	
2+860,00	143	182.032,8913	8.281.649,3719	852,628m	851,695m	
2+878,49	143+18,49	182.045,7815	8.281.636,1206	853,513m	852,421m	TE
2+880,00	144	182.046,8368	8.281.635,0358	853,585m	852,485m	
2+900,00	145	182.060,7076	8.281.620,6277	854,519m	853,393m	
2+920,00	146	182.074,1853	8.281.605,8527	855,348m	854,418m	
2+940,00	147	182.086,8771	8.281.590,4002	856,094m	855,560m	
2+960,00	148	182.098,3426	8.281.574,0211	856,976m	856,761m	
2+978,49	148+18,49	182.107,4163	8.281.557,9243	857,670m	857,870m	EC
2+980,00	149	182.108,0805	8.281.556,5644	857,727m	857,961m	
3+000,00	150	182.115,6263	8.281.538,0565	858,554m	859,161m	
3+020,00	151	182.120,8056	8.281.518,7523	859,370m	860,362m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
3+040,00	152	182.123,5379	8.281.498,9529	860,201m	861,562m	
3+060,00	153	182.123,7803	8.281.478,9674	861,124m	862,763m	
3+079,85	153+19,85	182.121,5560	8.281.459,2598	862,044m	863,954m	CE
3+080,00	154	182.121,5291	8.281.459,1076	862,051m	863,963m	
3+100,00	155	182.116,9018	8.281.439,6611	863,028m	865,163m	
3+120,00	156	182.110,3585	8.281.420,7685	864,124m	866,364m	
3+140,00	157	182.102,4202	8.281.402,4149	865,261m	867,564m	
3+160,00	158	182.093,5771	8.281.384,4774	866,540m	868,765m	
3+179,85	158+19,85	182.084,3636	8.281.366,9004	867,827m	869,956m	ET
3+180,00	159	182.084,2914	8.281.366,7639	867,836m	869,965m	
3+200,00	160	182.074,9335	8.281.349,0882	868,965m	871,165m	
3+220,00	161	182.065,5756	8.281.331,4125	870,150m	872,366m	
3+240,00	162	182.056,2178	8.281.313,7368	871,393m	873,566m	
3+260,00	163	182.046,8599	8.281.296,0611	872,655m	874,767m	
3+280,00	164	182.037,5021	8.281.278,3854	874,047m	875,967m	
3+300,00	165	182.028,1442	8.281.260,7097	875,526m	877,167m	
3+320,00	166	182.018,7863	8.281.243,0340	876,995m	878,368m	
3+340,00	167	182.009,4285	8.281.225,3583	878,556m	879,568m	
3+340,08	167+0,08	182.009,3922	8.281.225,2898	878,562m	879,573m	TE
3+360,00	168	182.000,1169	8.281.207,6582	880,141m	880,769m	
3+380,00	169	181.991,0865	8.281.189,8135	881,527m	881,969m	
3+400,00	170	181.982,6263	8.281.171,6925	882,926m	883,169m	
3+420,00	171	181.975,0377	8.281.153,1909	884,321m	884,370m	
3+440,00	172	181.968,6376	8.281.134,2470	885,724m	885,570m	
3+460,00	173	181.963,7588	8.281.114,8577	887,034m	886,771m	
3+480,00	174	181.960,7452	8.281.095,0951	888,487m	887,971m	
3+480,08	174+0,08	181.960,7376	8.281.095,0179	888,493m	887,976m	EC
3+500,00	175	181.959,8880	8.281.075,1237	889,832m	889,171m	
3+520,00	176	181.961,2507	8.281.055,1805	891,182m	890,372m	
3+540,00	177	181.964,8163	8.281.035,5114	892,533m	891,572m	
3+560,00	178	181.970,5408	8.281.016,3589	893,911m	892,773m	
3+580,00	179	181.978,3538	8.280.997,9593	895,298m	893,973m	
3+600,00	180	181.988,1587	8.280.980,5394	896,482m	895,173m	
3+620,00	181	181.999,8348	8.280.964,3142	897,677m	896,374m	
3+621,13	181+1,13	182.000,5486	8.280.963,4359	897,745m	896,442m	CE
3+640,00	182	182.013,2058	8.280.949,4530	898,783m	897,574m	
3+660,00	183	182.027,9435	8.280.935,9422	899,750m	898,775m	
3+680,00	184	182.043,7186	8.280.923,6552	900,706m	899,975m	
3+690,00	184+10,00	182.051,9064	8.280.917,9148	901,239m	900,575m	PCV
3+700,00	185	182.060,2531	8.280.912,4077	901,659m	901,150m	
3+720,00	186	182.077,3147	8.280.901,9747	902,473m	902,143m	
3+740,00	187	182.094,7085	8.280.892,1038	902,882m	902,930m	
3+760,00	188	182.112,2657	8.280.882,5257	903,196m	903,511m	
3+761,13	188+1,13	182.113,2609	8.280.881,9867	903,200m	903,537m	ET
3+780,00	189	182.129,8528	8.280.873,0023	903,233m	903,885m	
3+800,00	190	182.147,4399	8.280.863,4790	903,096m	904,052m	
3+806,17	190+6,17	182.152,8632	8.280.860,5424	903,057m	904,061m	PB

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
3+820,00	191	182.165,0270	8.280.853,9557	902,831m	904,012m	
3+840,00	192	182.182,6142	8.280.844,4324	902,378m	903,766m	
3+860,00	193	182.200,2013	8.280.834,9091	901,734m	903,313m	
3+880,00	194	182.217,7884	8.280.825,3858	900,893m	902,653m	
3+891,68	194+11,68	182.228,0628	8.280.819,8222	900,409m	902,172m	TE
3+900,00	195	182.235,3719	8.280.815,8558	900,047m	901,787m	
3+910,00	195+10,00	182.244,1301	8.280.811,0295	899,633m	901,276m	PTV
3+920,00	196	182.252,8171	8.280.806,0764	899,267m	900,740m	
3+940,00	197	182.269,8033	8.280.795,5244	898,386m	899,667m	
3+960,00	198	182.285,9278	8.280.783,7044	897,255m	898,594m	
3+961,68	198+1,68	182.287,2308	8.280.782,6375	897,151m	898,504m	EC
3+980,00	199	182.300,7308	8.280.770,2709	895,986m	897,521m	
4+000,00	200	182.313,9530	8.280.755,2788	894,647m	896,448m	
4+020,00	201	182.325,4314	8.280.738,9131	893,464m	895,375m	
4+039,14	201+19,14	182.334,6543	8.280.722,1466	892,521m	894,348m	CE
4+040,00	202	182.335,0242	8.280.721,3755	892,483m	894,302m	
4+060,00	203	182.342,7253	8.280.702,9256	891,681m	893,321m	
4+080,00	204	182.348,9664	8.280.683,9277	891,036m	892,525m	
4+100,00	205	182.354,3229	8.280.664,6592	890,718m	891,913m	
4+109,14	205+9,14	182.356,6419	8.280.655,8133	890,577m	891,694m	ET
4+110,00	205+10,00	182.356,8579	8.280.654,9858	890,564m	891,676m	PIV
4+120,00	206	182.359,3830	8.280.645,3099	890,466m	891,485m	
4+140,00	207	182.364,4334	8.280.625,9581	890,381m	891,241m	
4+156,43	207+16,43	182.368,5831	8.280.610,0573	890,462m	891,179m	
4+160,00	208	182.369,4837	8.280.606,6062	890,483m	891,182m	
4+180,00	209	182.374,5341	8.280.587,2544	890,708m	891,307m	
4+200,00	210	182.379,5844	8.280.567,9025	890,929m	891,524m	
4+220,00	211	182.384,6347	8.280.548,5507	891,188m	891,741m	
4+240,00	212	182.389,6851	8.280.529,1988	891,393m	891,958m	
4+260,00	213	182.394,7354	8.280.509,8470	891,553m	892,176m	
4+280,00	214	182.399,7857	8.280.490,4951	891,795m	892,393m	
4+300,00	215	182.404,8361	8.280.471,1433	891,992m	892,610m	
4+320,00	216	182.409,8864	8.280.451,7914	892,170m	892,827m	
4+340,00	217	182.414,9368	8.280.432,4396	892,366m	893,044m	
4+360,00	218	182.419,9871	8.280.413,0877	892,590m	893,261m	
4+380,00	219	182.425,0374	8.280.393,7359	892,908m	893,479m	
4+400,00	220	182.430,0878	8.280.374,3840	893,074m	893,696m	
4+420,00	221	182.435,1381	8.280.355,0322	893,227m	893,913m	
4+440,00	222	182.440,1884	8.280.335,6803	893,427m	894,130m	
4+460,00	223	182.445,2388	8.280.316,3285	893,611m	894,347m	
4+480,00	224	182.450,2891	8.280.296,9766	893,854m	894,564m	
4+500,00	225	182.455,3395	8.280.277,6248	894,087m	894,782m	
4+520,00	226	182.460,3898	8.280.258,2729	894,332m	894,999m	
4+539,52	226+19,52	182.465,3199	8.280.239,3818	894,585m	895,211m	TE
4+540,00	227	182.465,4401	8.280.238,9211	894,591m	895,216m	
4+560,00	228	182.470,5907	8.280.219,5959	894,918m	895,433m	
4+580,00	229	182.476,3119	8.280.200,4334	895,234m	895,650m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
4+580,00	229	182.476,3119	8.280.200,4334	895,234m	895,650m	PCV
4+599,52	229+19,52	182.482,9662	8.280.182,0829	895,548m	895,842m	EC
4+600,00	230	182.483,1458	8.280.181,6419	895,555m	895,846m	
4+620,00	231	182.491,5036	8.280.163,4789	895,765m	896,000m	
4+640,00	232	182.501,4072	8.280.146,1103	895,770m	896,111m	
4+650,00	232+10,00	182.506,9157	8.280.137,7652	895,739m	896,151m	PIV
4+660,00	233	182.512,7817	8.280.129,6674	895,686m	896,180m	
4+678,09	233+18,09	182.524,2668	8.280.115,6946	895,690m	896,206m	CE
4+680,00	234	182.525,5413	8.280.114,2745	895,689m	896,206m	
4+682,48	234+2,48	182.527,2144	8.280.112,4445	895,696m	896,207m	PB
4+700,00	235	182.539,5005	8.280.099,9575	895,708m	896,190m	
4+720,00	236	182.554,2304	8.280.086,4307	895,572m	896,132m	
4+720,00	236	182.554,2304	8.280.086,4307	895,572m	896,132m	PTV
4+738,09	236+18,09	182.567,8677	8.280.074,5421	895,459m	896,060m	ET
4+740,00	237	182.569,3109	8.280.073,2939	895,449m	896,053m	
4+760,00	238	182.584,4384	8.280.060,2111	895,386m	895,973m	
4+780,00	239	182.599,5658	8.280.047,1283	895,343m	895,894m	
4+800,00	240	182.614,6933	8.280.034,0455	895,249m	895,814m	
4+820,00	241	182.629,8207	8.280.020,9627	895,176m	895,735m	
4+840,00	242	182.644,9482	8.280.007,8799	895,078m	895,655m	
4+850,00	242+10,00	182.652,5119	8.280.001,3385	895,093m	895,615m	PCV
4+860,00	243	182.660,0757	8.279.994,7971	895,115m	895,594m	
4+860,93	243+0,93	182.660,7767	8.279.994,1908	895,120m	895,594m	
4+880,00	244	182.675,2031	8.279.981,7143	895,212m	895,660m	
4+900,00	245	182.690,3306	8.279.968,6314	895,343m	895,871m	
4+920,00	246	182.705,4580	8.279.955,5486	895,592m	896,228m	
4+940,00	247	182.720,5855	8.279.942,4658	895,858m	896,731m	
4+942,13	247+2,13	182.722,1929	8.279.941,0757	895,897m	896,793m	TE
4+960,00	248	182.735,7302	8.279.929,4030	896,319m	897,379m	
4+980,00	249	182.751,0038	8.279.916,4914	897,056m	898,173m	
4+990,00	249+10,00	182.758,7328	8.279.910,1462	897,571m	898,624m	PTV
5+000,00	250	182.766,5454	8.279.903,9043	898,079m	899,094m	
5+002,13	250+2,13	182.768,2179	8.279.902,5933	898,184m	899,194m	EC
5+020,00	251	182.782,4673	8.279.891,8024	899,036m	900,033m	
5+040,00	252	182.798,7837	8.279.880,2379	899,953m	900,972m	
5+060,00	253	182.815,4764	8.279.869,2235	900,887m	901,912m	
5+077,04	253+17,04	182.829,9856	8.279.860,2802	901,714m	902,712m	CE
5+080,00	254	182.832,5269	8.279.858,7715	901,859m	902,851m	
5+100,00	255	182.849,8889	8.279.848,8449	902,783m	903,790m	
5+120,00	256	182.867,4519	8.279.839,2775	903,836m	904,729m	
5+137,04	256+17,04	182.882,4947	8.279.831,2630	904,839m	905,530m	ET
5+140,00	257	182.885,1048	8.279.829,8769	904,964m	905,668m	
5+160,00	258	182.902,7686	8.279.820,4965	905,835m	906,608m	
5+180,00	259	182.920,4324	8.279.811,1162	906,738m	907,547m	
5+200,00	260	182.938,0961	8.279.801,7358	907,535m	908,384m	
5+220,00	261	182.955,7599	8.279.792,3554	908,227m	909,015m	
5+240,00	262	182.973,4236	8.279.782,9750	908,693m	909,441m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
5+260,00	263	182.991,0874	8.279.773,5946	909,019m	909,663m	
5+271,57	263+11,57	183.001,3061	8.279.768,1680	909,028m	909,697m	PB
5+280,00	264	183.008,7512	8.279.764,2142	909,041m	909,679m	
5+300,00	265	183.026,4149	8.279.754,8339	908,961m	909,490m	
5+320,00	266	183.044,0787	8.279.745,4535	908,438m	909,096m	
5+340,00	267	183.061,7424	8.279.736,0731	907,717m	908,496m	
5+360,00	268	183.079,4062	8.279.726,6927	906,798m	907,692m	
5+368,17	268+8,17	183.086,6258	8.279.722,8587	906,423m	907,304m	TE
5+380,00	269	183.097,0678	8.279.717,3083	905,819m	906,682m	
5+400,00	270	183.114,6919	8.279.707,8536	904,650m	905,570m	
5+420,00	271	183.132,2154	8.279.698,2141	903,483m	904,458m	
5+440,00	272	183.149,5710	8.279.688,2759	902,436m	903,346m	
5+460,00	273	183.166,6856	8.279.677,9286	901,361m	902,234m	
5+478,17	273+18,17	183.181,9609	8.279.668,0822	900,212m	901,223m	EC
5+480,00	274	183.183,4779	8.279.667,0667	900,101m	901,122m	
5+500,00	275	183.199,8736	8.279.655,6153	898,896m	900,009m	
5+520,00	276	183.215,8422	8.279.643,5753	897,717m	898,897m	
5+540,00	277	183.231,3625	8.279.630,9627	896,533m	897,785m	
5+560,00	278	183.246,4139	8.279.617,7942	895,468m	896,673m	
5+580,00	279	183.260,9767	8.279.604,0872	894,242m	895,561m	
5+600,00	280	183.275,0315	8.279.589,8598	892,796m	894,563m	
5+605,81	280+5,81	183.279,0167	8.279.585,6317	892,657m	894,317m	CE
5+620,00	281	183.288,5657	8.279.575,1362	892,512m	893,796m	
5+640,00	282	183.301,6274	8.279.559,9914	892,037m	893,257m	
5+660,00	283	183.314,3057	8.279.544,5238	891,779m	892,949m	
5+676,90	283+16,90	183.324,7914	8.279.531,2691	891,745m	892,867m	
5+680,00	284	183.326,6966	8.279.528,8248	891,771m	892,869m	
5+700,00	285	183.338,9008	8.279.512,9802	891,956m	893,020m	
5+715,81	285+15,81	183.348,4846	8.279.500,4058	892,160m	893,301m	ET
5+720,00	286	183.351,0220	8.279.497,0718	892,243m	893,400m	
5+740,00	287	183.363,1345	8.279.481,1568	892,771m	894,009m	
5+760,00	288	183.375,2470	8.279.465,2418	893,777m	894,848m	
5+780,00	289	183.387,3595	8.279.449,3268	895,061m	895,916m	
5+800,00	290	183.399,4720	8.279.433,4118	896,390m	897,100m	
5+820,00	291	183.411,5845	8.279.417,4968	897,794m	898,283m	
5+840,00	292	183.423,6970	8.279.401,5818	899,265m	899,466m	
5+860,00	293	183.435,8095	8.279.385,6668	900,732m	900,650m	
5+880,00	294	183.447,9221	8.279.369,7518	902,195m	901,833m	
5+900,00	295	183.460,0346	8.279.353,8368	903,647m	903,016m	
5+908,09	295+8,09	183.464,9325	8.279.347,4012	904,234m	903,495m	PC
5+920,00	296	183.472,1940	8.279.337,9577	905,091m	904,199m	
5+940,00	297	183.484,5949	8.279.322,2667	906,530m	905,383m	
5+960,00	298	183.497,2557	8.279.306,7846	907,908m	906,566m	
5+980,00	299	183.510,1726	8.279.291,5156	909,204m	907,749m	
6+000,00	300	183.523,3423	8.279.276,4640	910,336m	908,933m	
6+020,00	301	183.536,7610	8.279.261,6340	911,263m	910,116m	
6+040,00	302	183.550,4250	8.279.247,0297	912,024m	911,201m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
6+054,46	302+14,46	183.560,4552	8.279.236,6131	912,419m	911,864m	PT
6+060,00	303	183.564,3213	8.279.232,6461	912,593m	912,090m	
6+080,00	304	183.578,2803	8.279.218,3232	913,050m	912,783m	
6+090,00	304+10,00	183.585,2598	8.279.211,1617	913,137m	913,056m	PIV
6+100,00	305	183.592,2393	8.279.204,0002	913,238m	913,280m	
6+120,00	306	183.606,1982	8.279.189,6773	913,278m	913,581m	
6+140,00	307	183.620,1572	8.279.175,3543	913,056m	913,686m	
6+140,69	307+0,69	183.620,6384	8.279.174,8606	913,050m	913,686m	PB
6+160,00	308	183.634,1162	8.279.161,0314	912,884m	913,595m	
6+180,00	309	183.648,0752	8.279.146,7084	912,707m	913,405m	
6+200,00	310	183.662,0341	8.279.132,3854	912,601m	913,216m	
6+210,00	310+10,00	183.669,0136	8.279.125,2240	912,606m	913,121m	PCV
6+220,00	311	183.675,9931	8.279.118,0625	912,612m	913,041m	
6+240,00	312	183.689,9521	8.279.103,7395	912,624m	912,965m	
6+243,35	312+3,35	183.692,2881	8.279.101,3426	912,626m	912,964m	
6+260,00	313	183.703,9110	8.279.089,4166	912,639m	913,003m	
6+280,00	314	183.717,8700	8.279.075,0936	912,656m	913,154m	
6+300,00	315	183.731,8290	8.279.060,7707	912,840m	913,419m	PIV
6+300,00	315	183.731,8290	8.279.060,7707	912,840m	913,419m	
6+320,00	316	183.745,7880	8.279.046,4477	913,254m	913,798m	
6+340,00	317	183.759,7469	8.279.032,1248	913,874m	914,290m	
6+360,00	318	183.773,7059	8.279.017,8018	914,516m	914,895m	
6+380,00	319	183.787,6649	8.279.003,4788	915,158m	915,614m	
6+390,00	319+10,00	183.794,6444	8.278.996,3174	915,467m	916,016m	PTV
6+400,00	320	183.801,6239	8.278.989,1559	915,778m	916,433m	
6+420,00	321	183.815,5828	8.278.974,8329	916,421m	917,265m	
6+440,00	322	183.829,5418	8.278.960,5100	917,004m	918,098m	
6+460,00	323	183.843,5008	8.278.946,1870	917,847m	918,930m	
6+480,00	324	183.857,4598	8.278.931,8641	918,504m	919,763m	
6+500,00	325	183.871,4187	8.278.917,5411	919,111m	920,596m	
6+520,00	326	183.885,3777	8.278.903,2182	919,961m	921,428m	
6+540,00	327	183.899,3367	8.278.888,8952	921,210m	922,261m	
6+560,00	328	183.913,2956	8.278.874,5722	922,336m	923,094m	
6+580,00	329	183.927,2546	8.278.860,2493	923,591m	923,926m	
6+600,00	330	183.941,2136	8.278.845,9263	924,790m	924,759m	
6+620,00	331	183.955,1726	8.278.831,6034	925,705m	925,591m	
6+640,00	332	183.969,1315	8.278.817,2804	926,330m	926,424m	
6+650,00	332+10,00	183.976,1110	8.278.810,1189	926,828m	926,840m	PCV
6+660,00	333	183.983,0905	8.278.802,9575	927,237m	927,230m	
6+680,00	334	183.997,0495	8.278.788,6345	927,733m	927,846m	
6+700,00	335	184.011,0085	8.278.774,3116	928,153m	928,247m	
6+720,00	336	184.024,9674	8.278.759,9886	928,178m	928,431m	
6+727,06	336+7,06	184.029,8974	8.278.754,9300	928,119m	928,445m	PB
6+740,00	337	184.038,9264	8.278.745,6656	927,969m	928,399m	
6+760,00	338	184.052,8854	8.278.731,3427	927,388m	928,152m	
6+761,02	338+1,02	184.053,6007	8.278.730,6087	927,342m	928,133m	TE
6+780,00	339	184.066,7552	8.278.716,9339	926,707m	927,688m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
6+800,00	340	184.080,0171	8.278.701,9676	926,004m	927,008m	
6+820,00	341	184.091,9611	8.278.685,9376	925,003m	926,112m	
6+830,00	341+10,00	184.097,1839	8.278.677,4122	924,415m	925,582m	PTV
6+840,00	342	184.101,7530	8.278.668,5201	923,757m	925,026m	
6+841,02	342+1,02	184.102,1795	8.278.667,5882	923,688m	924,969m	EC
6+860,00	343	184.108,5396	8.278.649,7335	922,498m	923,914m	
6+880,00	344	184.111,9730	8.278.630,0560	921,403m	922,926m	
6+900,00	345	184.111,9497	8.278.610,0812	920,432m	922,184m	
6+920,00	346	184.108,4703	8.278.590,4118	920,260m	921,690m	
6+935,88	346+15,88	184.103,3113	8.278.575,4035	920,129m	921,474m	CE
6+940,00	347	184.101,6410	8.278.571,6406	920,095m	921,443m	
6+949,98	347+9,98	184.097,0814	8.278.562,7612	920,118m	921,412m	
6+950,00	347+10,00	184.097,0736	8.278.562,7474	920,118m	921,412m	PIV
6+960,00	348	184.091,8812	8.278.554,2032	920,232m	921,443m	
6+980,00	349	184.080,0750	8.278.538,0700	920,654m	921,691m	
7+000,00	350	184.067,0438	8.278.522,9016	921,296m	922,185m	
7+015,88	350+15,88	184.056,2944	8.278.511,2093	922,077m	922,754m	ET
7+020,00	351	184.053,4941	8.278.508,1911	922,296m	922,927m	
7+040,00	352	184.039,8909	8.278.493,5298	923,390m	923,916m	
7+055,00	352+15,00	184.029,6886	8.278.482,5338	924,030m	924,750m	PCV
7+060,00	353	184.026,2878	8.278.478,8684	924,328m	925,022m	
7+080,00	354	184.012,6847	8.278.464,2071	925,704m	925,969m	
7+100,00	355	183.999,0816	8.278.449,5457	926,612m	926,696m	
7+103,12	355+3,12	183.996,9562	8.278.447,2550	926,710m	926,790m	TE
7+120,00	356	183.985,5386	8.278.434,8290	927,312m	927,203m	
7+140,00	357	183.972,5123	8.278.419,6562	927,876m	927,490m	
7+156,03	357+16,03	183.962,8893	8.278.406,8408	928,141m	927,560m	PB
7+160,00	358	183.960,6667	8.278.403,5511	928,142m	927,556m	
7+173,12	358+13,12	183.953,8992	8.278.392,3101	927,999m	927,480m	EC
7+180,00	359	183.950,7649	8.278.386,1918	927,854m	927,402m	
7+200,00	360	183.943,4003	8.278.367,6154	927,275m	927,028m	
7+220,00	361	183.938,7555	8.278.348,1797	926,487m	926,434m	
7+240,00	362	183.936,9252	8.278.328,2807	925,304m	925,619m	
7+253,25	362+13,25	183.937,2829	8.278.315,0425	924,468m	924,958m	CE
7+260,00	363	183.937,9413	8.278.308,3232	924,028m	924,584m	
7+265,00	363+5,00	183.938,6189	8.278.303,3696	923,684m	924,291m	PTV
7+280,00	364	183.941,4803	8.278.288,6488	922,569m	923,391m	
7+300,00	365	183.946,7412	8.278.269,3572	920,916m	922,191m	
7+320,00	366	183.952,9122	8.278.250,3337	919,252m	920,991m	
7+323,25	366+3,25	183.953,9467	8.278.247,2549	919,031m	920,796m	ET
7+340,00	367	183.959,2852	8.278.231,3762	918,008m	919,791m	
7+360,00	368	183.965,6587	8.278.212,4189	916,969m	918,591m	
7+360,00	368	183.965,6587	8.278.212,4189	916,969m	918,591m	PCV
7+380,00	369	183.972,0322	8.278.193,4617	916,116m	917,500m	
7+400,00	370	183.978,4057	8.278.174,5044	915,552m	916,626m	
7+420,00	371	183.984,7792	8.278.155,5471	915,193m	915,968m	
7+440,00	372	183.991,1528	8.278.136,5898	914,829m	915,528m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
7+460,00	373	183.997,5263	8.278.117,6326	914,540m	915,305m	
7+470,00	373+10,00	184.000,7130	8.278.108,1539	914,465m	915,275m	PIV
7+470,55	373+10,55	184.000,8894	8.278.107,6292	914,462m	915,275m	
7+480,00	374	184.003,8998	8.278.098,6753	914,425m	915,299m	
7+500,00	375	184.010,2733	8.278.079,7180	914,544m	915,510m	
7+520,00	376	184.016,6468	8.278.060,7607	914,814m	915,938m	
7+540,00	377	184.023,0203	8.278.041,8035	915,322m	916,583m	
7+560,00	378	184.029,3939	8.278.022,8462	915,951m	917,446m	
7+580,00	379	184.035,7674	8.278.003,8889	916,860m	918,525m	
7+580,00	379	184.035,7674	8.278.003,8889	916,860m	918,525m	PTV
7+600,00	380	184.042,1409	8.277.984,9317	917,963m	919,713m	
7+620,00	381	184.048,5144	8.277.965,9744	919,213m	920,901m	
7+637,71	381+17,71	184.054,1596	8.277.949,1833	920,340m	921,953m	TE
7+640,00	382	184.054,8879	8.277.947,0171	920,484m	922,089m	
7+660,00	383	184.061,1781	8.277.928,0321	921,760m	923,277m	
7+680,00	384	184.067,0638	8.277.908,9186	923,068m	924,465m	
7+700,00	385	184.072,1749	8.277.889,5849	924,364m	925,653m	
7+720,00	386	184.076,1305	8.277.869,9840	925,598m	926,841m	
7+737,71	386+17,71	184.078,3547	8.277.852,4139	926,976m	927,893m	EC
7+740,00	387	184.078,5392	8.277.850,1360	927,142m	928,029m	
7+760,00	388	184.079,0936	8.277.830,1513	928,444m	929,217m	
7+780,00	389	184.077,7451	8.277.810,2044	929,600m	930,405m	
7+790,00	389+10,00	184.076,3604	8.277.800,3016	930,163m	930,999m	PCV
7+800,00	390	184.074,5058	8.277.790,4761	930,527m	931,568m	
7+820,00	391	184.069,4052	8.277.771,1452	931,617m	932,559m	
7+840,00	392	184.062,4895	8.277.752,3870	932,203m	933,353m	
7+849,80	392+9,80	184.058,4552	8.277.743,4536	932,672m	933,670m	CE
7+860,00	393	184.053,8287	8.277.734,3676	932,845m	933,949m	
7+880,00	394	184.043,6656	8.277.717,1479	933,250m	934,348m	
7+900,00	395	184.032,3797	8.277.700,6397	933,662m	934,550m	
7+910,00	395+10,00	184.026,4270	8.277.692,6047	933,477m	934,577m	PIV
7+910,47	395+10,47	184.026,1460	8.277.692,2337	933,472m	934,577m	PB
7+920,00	396	184.020,3230	8.277.684,6839	933,361m	934,554m	
7+940,00	397	184.007,8177	8.277.669,0760	932,996m	934,362m	
7+949,80	397+9,80	184.001,6167	8.277.661,4834	932,653m	934,195m	ET
7+960,00	398	183.995,1606	8.277.653,5906	932,588m	933,972m	
7+980,00	399	183.982,4976	8.277.638,1100	932,135m	933,385m	
8+000,00	400	183.969,8347	8.277.622,6294	931,450m	932,600m	
8+020,00	401	183.957,1717	8.277.607,1488	930,410m	931,619m	
8+030,00	401+10,00	183.950,8402	8.277.599,4085	929,808m	931,054m	PTV
8+040,00	402	183.944,5088	8.277.591,6681	929,450m	930,465m	
8+060,00	403	183.931,8458	8.277.576,1875	928,342m	929,286m	
8+080,00	404	183.919,1829	8.277.560,7069	927,269m	928,107m	
8+100,00	405	183.906,5199	8.277.545,2263	926,082m	926,928m	
8+120,00	406	183.893,8570	8.277.529,7456	924,894m	925,750m	
8+140,00	407	183.881,1940	8.277.514,2650	923,496m	924,571m	
8+160,00	408	183.868,5311	8.277.498,7844	922,233m	923,392m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
8+180,00	409	183.855,8682	8.277.483,3037	921,347m	922,213m	
8+200,00	410	183.843,2052	8.277.467,8231	920,120m	921,034m	
8+220,00	411	183.830,5423	8.277.452,3425	918,894m	919,855m	
8+240,00	412	183.817,8793	8.277.436,8619	917,689m	918,677m	
8+260,00	413	183.805,2164	8.277.421,3812	916,419m	917,498m	
8+280,00	414	183.792,5534	8.277.405,9006	915,375m	916,319m	
8+300,00	415	183.779,8905	8.277.390,4200	914,543m	915,239m	
8+320,00	416	183.767,2275	8.277.374,9394	913,641m	914,356m	
8+340,00	417	183.754,5646	8.277.359,4587	912,872m	913,671m	
8+360,00	418	183.741,9016	8.277.343,9781	912,519m	913,183m	
8+380,00	419	183.729,2387	8.277.328,4975	912,146m	912,893m	
8+399,43	419+19,43	183.716,9385	8.277.313,4603	912,044m	912,800m	
8+400,00	420	183.716,5758	8.277.313,0169	912,036m	912,800m	
8+420,00	421	183.703,9128	8.277.297,5362	912,126m	912,904m	
8+440,00	422	183.691,2499	8.277.282,0556	912,222m	913,206m	
8+460,00	423	183.678,5869	8.277.266,5750	912,765m	913,705m	
8+480,00	424	183.665,9240	8.277.251,0943	913,231m	914,402m	
8+500,00	425	183.653,2610	8.277.235,6137	914,116m	915,197m	
8+520,00	426	183.640,5981	8.277.220,1331	914,773m	915,992m	
8+540,00	427	183.627,9351	8.277.204,6525	915,513m	916,787m	
8+554,07	427+14,07	183.619,0287	8.277.193,7642	916,270m	917,347m	TE
8+560,00	428	183.615,2735	8.277.189,1708	916,312m	917,583m	
8+580,00	429	183.602,7168	8.277.173,6041	917,230m	918,378m	
8+600,00	430	183.590,5489	8.277.157,7327	917,984m	919,173m	
8+620,00	431	183.579,0875	8.277.141,3454	918,974m	919,969m	
8+640,00	432	183.568,6780	8.277.124,2730	919,597m	920,764m	
8+654,07	432+14,07	183.562,1902	8.277.111,7940	920,094m	921,323m	EC
8+660,00	433	183.559,6987	8.277.106,4097	920,579m	921,559m	
8+680,00	434	183.552,4385	8.277.087,7821	921,313m	922,354m	
8+700,00	435	183.546,9825	8.277.068,5486	922,128m	923,150m	
8+720,00	436	183.543,3803	8.277.048,8833	923,049m	923,945m	
8+740,00	437	183.541,6644	8.277.028,9646	923,702m	924,740m	
8+745,00	437+5,00	183.541,5324	8.277.023,9665	923,877m	924,939m	PCV
8+759,68	437+19,68	183.541,8328	8.277.009,2876	924,370m	925,464m	CE
8+760,00	438	183.541,8504	8.277.008,9731	924,377m	925,474m	
8+780,00	439	183.543,8707	8.276.989,0815	924,765m	925,997m	
8+800,00	440	183.547,3938	8.276.969,3980	925,404m	926,302m	
8+817,97	440+17,97	183.551,5203	8.276.951,9067	925,424m	926,390m	PB
8+820,00	441	183.552,0298	8.276.949,9446	925,421m	926,389m	
8+840,00	442	183.557,3979	8.276.930,6792	925,235m	926,258m	
8+855,00	442+15,00	183.561,6805	8.276.916,3036	925,008m	926,016m	PTV
8+859,68	442+19,68	183.563,0352	8.276.911,8188	924,969m	925,922m	ET
8+860,00	443	183.563,1264	8.276.911,5172	924,966m	925,916m	
8+880,00	444	183.568,9128	8.276.892,3726	924,523m	925,512m	
8+890,00	444+10,00	183.571,8061	8.276.882,8003	924,278m	925,310m	PCV
8+900,00	445	183.574,6993	8.276.873,2280	924,160m	925,137m	
8+920,00	446	183.580,4858	8.276.854,0833	923,927m	924,963m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
8+925,23	446+5,23	183.581,9989	8.276.849,0772	923,908m	924,955m	
8+940,00	447	183.586,2723	8.276.834,9387	923,921m	925,017m	
8+960,00	448	183.592,0588	8.276.815,7941	924,035m	925,301m	
8+980,00	449	183.597,8452	8.276.796,6495	924,251m	925,814m	
9+000,00	450	183.603,6317	8.276.777,5048	924,684m	926,556m	
9+020,00	451	183.609,4182	8.276.758,3602	925,498m	927,527m	
9+030,00	451+10,00	183.612,3114	8.276.748,7879	926,031m	928,098m	PTV
9+040,00	452	183.615,2047	8.276.739,2156	926,544m	928,698m	
9+060,00	453	183.620,9912	8.276.720,0710	927,923m	929,898m	
9+080,00	454	183.626,7776	8.276.700,9263	929,341m	931,098m	
9+100,00	455	183.632,5641	8.276.681,7817	930,779m	932,299m	
9+120,00	456	183.638,3506	8.276.662,6371	932,077m	933,499m	
9+140,00	457	183.644,1371	8.276.643,4925	933,465m	934,699m	
9+160,00	458	183.649,9236	8.276.624,3478	934,980m	935,899m	
9+180,00	459	183.655,7100	8.276.605,2032	936,386m	937,099m	
9+194,26	459+14,26	183.659,8360	8.276.591,5524	937,499m	937,955m	TE
9+200,00	460	183.661,4970	8.276.586,0587	937,948m	938,299m	
9+220,00	461	183.667,3233	8.276.566,9262	939,369m	939,499m	
9+240,00	462	183.673,2953	8.276.547,8388	940,714m	940,699m	
9+260,00	463	183.679,5255	8.276.528,8341	942,209m	941,899m	
9+280,00	464	183.686,1245	8.276.509,9546	943,511m	943,099m	
9+284,26	464+4,26	183.687,5884	8.276.505,9533	943,799m	943,351m	EC
9+300,00	465	183.693,1919	8.276.491,2456	944,836m	944,200m	
9+320,00	466	183.700,7555	8.276.472,7315	946,014m	945,102m	
9+340,00	467	183.708,8100	8.276.454,4258	946,788m	945,804m	
9+360,00	468	183.717,3497	8.276.436,3413	947,304m	946,308m	
9+380,00	469	183.726,3686	8.276.418,4909	947,585m	946,613m	
9+391,58	469+11,58	183.731,8093	8.276.408,2636	947,613m	946,699m	CE
9+400,00	470	183.735,8590	8.276.400,8867	947,586m	946,719m	
9+400,65	470+0,65	183.736,1771	8.276.400,3150	947,573m	946,719m	PB
9+420,00	471	183.745,7689	8.276.383,5149	946,995m	946,626m	
9+440,00	472	183.755,9942	8.276.366,3266	946,196m	946,334m	
9+460,00	473	183.766,4305	8.276.349,2656	945,427m	945,844m	
9+480,00	474	183.776,9758	8.276.332,2716	944,362m	945,154m	
9+481,58	474+1,58	183.777,8129	8.276.330,9262	944,264m	945,091m	ET
9+500,00	475	183.787,5422	8.276.315,2906	943,134m	944,265m	
9+520,00	476	183.798,1086	8.276.298,3097	941,876m	943,177m	
9+540,00	477	183.808,6749	8.276.281,3288	940,473m	941,990m	
9+560,00	478	183.819,2413	8.276.264,3479	939,570m	940,803m	
9+580,00	479	183.829,8077	8.276.247,3669	938,397m	939,616m	
9+600,00	480	183.840,3740	8.276.230,3860	937,190m	938,429m	
9+620,00	481	183.850,9404	8.276.213,4051	936,040m	937,242m	
9+630,00	481+10,00	183.856,2236	8.276.204,9146	935,486m	936,649m	PCV
9+640,00	482	183.861,5068	8.276.196,4242	934,910m	936,068m	
9+660,00	483	183.872,0732	8.276.179,4432	933,769m	934,983m	
9+680,00	484	183.882,6395	8.276.162,4623	932,819m	934,001m	
9+700,00	485	183.893,2059	8.276.145,4814	932,022m	933,121m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
9+720,00	486	183.903,7723	8.276.128,5005	931,138m	932,344m	
9+730,00	486+10,00	183.909,0555	8.276.120,0100	930,776m	931,994m	PTV
9+740,00	487	183.914,3386	8.276.111,5195	930,491m	931,656m	
9+760,00	488	183.924,9050	8.276.094,5386	929,795m	930,981m	
9+780,00	489	183.935,4714	8.276.077,5577	929,182m	930,306m	
9+800,00	490	183.946,0378	8.276.060,5768	928,506m	929,632m	
9+820,00	491	183.956,6041	8.276.043,5958	927,769m	928,957m	
9+830,00	491+10,00	183.961,8873	8.276.035,1054	927,387m	928,619m	PCV
9+840,00	492	183.967,1705	8.276.026,6149	927,117m	928,274m	
9+860,00	493	183.977,7369	8.276.009,6340	926,387m	927,533m	
9+880,00	494	183.988,3032	8.275.992,6531	925,591m	926,728m	
9+886,14	494+6,14	183.991,5468	8.275.987,4404	925,316m	926,467m	TE
9+900,00	495	183.998,9088	8.275.975,6967	924,746m	925,857m	
9+910,00	495+10,00	184.004,3519	8.275.967,3081	924,315m	925,397m	PIV
9+920,00	496	184.010,0017	8.275.959,0575	923,868m	924,921m	
9+940,00	497	184.022,2369	8.275.943,2454	922,895m	923,919m	
9+960,00	498	184.036,1602	8.275.928,9083	921,974m	922,852m	
9+966,14	498+6,14	184.040,8325	8.275.924,9266	921,654m	922,511m	EC
9+980,00	499	184.052,0821	8.275.916,8428	920,820m	921,720m	
9+990,00	499+10,00	184.060,7395	8.275.911,8436	920,288m	921,129m	PTV
10+000,00	500	184.069,7829	8.275.907,5823	919,669m	920,530m	
10+020,00	501	184.088,7748	8.275.901,3868	918,541m	919,333m	
10+040,00	502	184.108,5313	8.275.898,4277	917,511m	918,135m	
10+054,40	502+14,40	184.122,9218	8.275.898,3508	916,555m	917,273m	CE
10+060,00	503	184.128,5052	8.275.898,7841	916,114m	916,937m	
10+080,00	504	184.148,2012	8.275.902,1701	914,922m	915,739m	
10+100,00	505	184.167,3955	8.275.907,7640	913,623m	914,542m	
10+120,00	506	184.186,1447	8.275.914,7197	912,421m	913,344m	
10+134,40	506+14,40	184.199,4933	8.275.920,1194	911,528m	912,482m	ET
10+140,00	507	184.204,6776	8.275.922,2382	911,162m	912,146m	
10+160,00	508	184.223,1910	8.275.929,8048	908,991m	910,949m	
10+180,00	509	184.241,7045	8.275.937,3713	908,664m	909,751m	
10+200,00	510	184.260,2179	8.275.944,9379	907,282m	908,653m	
10+220,00	511	184.278,7313	8.275.952,5045	906,400m	907,753m	
10+230,00	511+10,00	184.287,9880	8.275.956,2877	906,071m	907,378m	PIV
10+240,00	512	184.297,2447	8.275.960,0710	905,774m	907,053m	
10+253,48	512+13,48	184.309,7188	8.275.965,1692	905,543m	906,693m	TE
10+260,00	513	184.315,7544	8.275.967,6469	905,439m	906,551m	
10+280,00	514	184.334,0016	8.275.975,8239	905,306m	906,248m	
10+293,48	514+13,48	184.345,7584	8.275.982,3985	905,202m	906,111m	EC
10+300,00	515	184.351,1781	8.275.986,0294	905,137m	906,044m	
10+320,00	516	184.366,3834	8.275.998,9827	904,969m	905,840m	
10+335,28	516+15,28	184.376,3557	8.276.010,5421	904,873m	905,685m	CE
10+340,00	517	184.379,1211	8.276.014,3696	904,849m	905,637m	
10+360,00	518	184.389,4767	8.276.031,4680	904,713m	905,433m	
10+375,28	518+15,28	184.396,5306	8.276.045,0193	904,545m	905,278m	ET
10+380,00	519	184.398,6755	8.276.049,2264	904,494m	905,230m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
10+380,57	519+0,57	184.398,9351	8.276.049,7355	904,489m	905,224m	TE
10+400,00	520	184.407,8945	8.276.066,9743	904,361m	905,026m	
10+420,00	521	184.417,9570	8.276.084,2534	904,414m	904,822m	
10+430,00	521+10,00	184.423,5581	8.276.092,5360	904,374m	904,720m	PCV
10+440,00	522	184.429,6565	8.276.100,4589	904,288m	904,594m	
10+450,57	522+10,57	184.436,7214	8.276.108,3188	904,144m	904,406m	EC
10+460,00	523	184.443,5926	8.276.114,7711	903,992m	904,192m	
10+480,00	524	184.459,7795	8.276.126,4748	903,196m	903,592m	
10+500,00	525	184.477,7474	8.276.135,2011	903,137m	902,793m	
10+520,00	526	184.496,9542	8.276.140,6866	901,778m	901,797m	
10+530,00	526+10,00	184.506,8422	8.276.142,1583	901,494m	901,224m	PTV
10+540,00	527	184.516,8205	8.276.142,7658	899,044m	900,626m	
10+550,00	527+10,00	184.526,8140	8.276.142,5044	900,455m	900,029m	PCV
10+560,00	528	184.536,7469	8.276.141,3761	899,202m	899,461m	
10+569,08	528+9,08	184.545,6473	8.276.139,6084	898,993m	898,995m	CE
10+580,00	529	184.556,1404	8.276.136,5850	898,355m	898,499m	
10+600,00	530	184.574,6407	8.276.129,0193	897,442m	897,770m	
10+620,00	531	184.592,3277	8.276.119,6922	896,931m	897,275m	
10+639,08	531+19,08	184.608,7643	8.276.110,0103	896,852m	897,020m	ET
10+640,00	532	184.609,5564	8.276.109,5357	896,852m	897,013m	
10+650,00	532+10,00	184.618,1342	8.276.104,3955	896,709m	896,970m	PIV
10+652,46	532+12,46	184.620,2401	8.276.103,1336	896,674m	896,968m	
10+660,00	533	184.626,7120	8.276.099,2553	896,595m	896,985m	
10+680,00	534	184.643,8676	8.276.088,9750	896,372m	897,189m	
10+700,00	535	184.661,0231	8.276.078,6946	896,513m	897,627m	
10+720,00	536	184.678,1787	8.276.068,4143	897,487m	898,298m	
10+740,00	537	184.695,3343	8.276.058,1339	898,526m	899,203m	
10+750,00	537+10,00	184.703,9121	8.276.052,9937	899,195m	899,743m	PTV
10+754,50	537+14,50	184.707,7721	8.276.050,6806	899,496m	899,999m	PCV
10+760,00	538	184.712,4899	8.276.047,8535	899,911m	900,303m	
10+778,87	538+18,87	184.728,6788	8.276.038,1525	901,477m	901,221m	TE
10+780,00	539	184.729,6455	8.276.037,5732	901,568m	901,269m	
10+800,00	540	184.746,8684	8.276.027,4065	903,203m	902,014m	
10+820,00	541	184.764,4395	8.276.017,8586	904,558m	902,538m	
10+840,00	542	184.782,6246	8.276.009,5486	905,552m	902,841m	
10+848,87	542+8,87	184.790,9312	8.276.006,4317	905,940m	902,904m	EC
10+857,35	542+17,35	184.799,0025	8.276.003,8546	906,231m	902,924m	PB
10+860,00	543	184.801,5552	8.276.003,1307	906,259m	902,922m	PIV
10+860,00	543	184.801,5552	8.276.003,1307	906,259m	902,922m	
10+880,00	544	184.821,1058	8.275.998,9697	906,360m	902,782m	
10+900,00	545	184.841,0096	8.275.997,1322	905,955m	902,421m	
10+920,00	546	184.860,9915	8.275.997,6437	905,243m	901,838m	
10+930,16	546+10,16	184.871,0825	8.275.998,8021	904,918m	901,458m	CE
10+940,00	547	184.880,7778	8.276.000,4839	904,468m	901,035m	
10+960,00	548	184.900,1847	8.276.005,2937	903,292m	900,010m	
10+965,50	548+5,50	184.905,4531	8.276.006,8725	902,891m	899,689m	PTV
10+980,00	549	184.919,2266	8.276.011,4025	901,857m	898,822m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
11+000,00	550	184.938,0525	8.276.018,1535	900,307m	897,625m	
11+000,16	550+0,16	184.938,2017	8.276.018,2080	900,293m	897,616m	ET
11+020,00	551	184.956,8396	8.276.025,0125	898,695m	896,429m	
11+040,00	552	184.975,6267	8.276.031,8715	897,213m	895,232m	
11+060,00	553	184.994,4137	8.276.038,7305	895,800m	894,036m	
11+080,00	554	185.013,2008	8.276.045,5894	894,426m	892,839m	
11+100,00	555	185.031,9879	8.276.052,4484	893,032m	891,643m	
11+120,00	556	185.050,7750	8.276.059,3074	891,546m	890,447m	
11+140,00	557	185.069,5621	8.276.066,1663	890,053m	889,250m	
11+160,00	558	185.088,3492	8.276.073,0253	888,714m	888,054m	
11+180,00	559	185.107,1363	8.276.079,8843	887,297m	886,857m	
11+190,00	559+10,00	185.116,5298	8.276.083,3138	886,606m	886,259m	PCV
11+200,00	560	185.125,9233	8.276.086,7433	886,017m	885,676m	
11+220,00	561	185.144,7104	8.276.093,6022	884,840m	884,596m	
11+240,00	562	185.163,4975	8.276.100,4612	883,676m	883,634m	
11+260,00	563	185.182,2846	8.276.107,3202	882,755m	882,788m	
11+280,00	564	185.201,0717	8.276.114,1791	882,127m	882,181m	
11+300,00	565	185.219,8588	8.276.121,0381	881,747m	881,931m	
11+320,00	566	185.238,6458	8.276.127,8971	881,674m	881,861m	
11+340,00	567	185.257,4329	8.276.134,7561	872,999m	881,791m	
11+360,00	568	185.276,2200	8.276.141,6150	881,943m	881,721m	
11+363,49	568+3,49	185.279,4956	8.276.142,8109	882,043m	881,714m	
11+376,48	568+16,48	185.291,6987	8.276.147,2662	882,415m	881,799m	TE
11+380,00	569	185.295,0074	8.276.148,4730	882,516m	881,852m	
11+400,00	570	185.313,8984	8.276.155,0364	883,464m	882,386m	
11+420,00	571	185.333,1863	8.276.160,2959	884,700m	883,187m	
11+436,48	571+16,48	185.349,4583	8.276.162,8263	885,607m	883,946m	EC
11+440,00	572	185.352,9705	8.276.163,0862	885,792m	884,120m	
11+460,00	573	185.372,9372	8.276.162,5190	888,132m	885,184m	
11+470,00	573+10,00	185.382,8082	8.276.160,9379	890,187m	885,765m	PTV
11+480,00	574	185.392,5046	8.276.158,5054	890,324m	886,363m	
11+500,00	575	185.411,0824	8.276.151,1665	892,478m	887,559m	
11+520,00	576	185.428,1099	8.276.140,7236	893,171m	888,755m	
11+540,00	577	185.443,0737	8.276.127,4918	893,118m	889,951m	
11+560,00	578	185.455,5220	8.276.111,8703	893,644m	891,147m	
11+565,21	578+5,21	185.458,3052	8.276.107,4626	893,846m	891,458m	CE
11+580,00	579	185.465,1499	8.276.094,3643	894,643m	892,342m	
11+600,00	580	185.472,4152	8.276.075,7400	895,438m	893,538m	
11+620,00	581	185.478,3034	8.276.056,6281	896,160m	894,734m	
11+625,21	581+5,21	185.479,7458	8.276.051,6183	896,318m	895,046m	ET
11+640,00	582	185.483,8275	8.276.037,4062	896,700m	895,930m	
11+660,00	583	185.489,3484	8.276.018,1833	897,246m	897,059m	
11+680,00	584	185.494,8692	8.275.998,9603	897,740m	898,054m	
11+700,00	585	185.500,3901	8.275.979,7374	898,267m	898,915m	
11+720,00	586	185.505,9109	8.275.960,5145	898,669m	899,643m	
11+740,00	587	185.511,4318	8.275.941,2916	899,195m	900,236m	
11+760,00	588	185.516,9526	8.275.922,0687	899,746m	900,696m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
11+780,00	589	185.522,4735	8.275.902,8458	900,295m	901,089m	
11+800,00	590	185.527,9943	8.275.883,6229	900,875m	901,482m	
11+803,03	590+3,03	185.528,8310	8.275.880,7098	900,969m	901,543m	TE
11+820,00	591	185.533,5236	8.275.864,4024	901,517m	901,947m	
11+840,00	592	185.539,1230	8.275.845,2023	902,255m	902,555m	
11+860,00	593	185.544,8749	8.275.826,0473	903,067m	903,308m	
11+880,00	594	185.550,8610	8.275.806,9643	903,946m	904,204m	
11+900,00	595	185.557,1620	8.275.787,9832	904,910m	905,172m	
11+920,00	596	185.563,8575	8.275.769,1377	905,973m	906,140m	
11+940,00	597	185.571,0248	8.275.750,4667	906,934m	907,108m	
11+953,03	597+13,03	185.575,9842	8.275.738,4166	907,642m	907,739m	EC
11+960,00	598	185.578,7382	8.275.732,0148	908,011m	908,076m	
11+980,00	599	185.587,0391	8.275.713,8198	909,092m	909,044m	
12+000,00	600	185.595,9225	8.275.695,9019	910,184m	910,012m	
12+020,00	601	185.605,3792	8.275.678,2798	911,198m	910,980m	
12+040,00	602	185.615,3993	8.275.660,9720	912,134m	911,948m	
12+060,00	603	185.625,9724	8.275.643,9963	913,072m	912,916m	
12+080,00	604	185.637,0875	8.275.627,3704	914,078m	913,884m	
12+100,00	605	185.648,7331	8.275.611,1117	915,135m	914,852m	
12+120,00	606	185.660,8970	8.275.595,2370	916,158m	915,820m	
12+140,00	607	185.673,5666	8.275.579,7630	917,227m	916,788m	
12+160,00	608	185.686,7287	8.275.564,7056	918,265m	917,756m	
12+180,00	609	185.700,3695	8.275.550,0805	919,164m	918,724m	
12+200,00	610	185.714,4750	8.275.535,9030	920,122m	919,692m	
12+220,00	611	185.729,0303	8.275.522,1878	920,997m	920,660m	
12+240,00	612	185.744,0205	8.275.508,9492	922,002m	921,628m	
12+246,83	612+6,83	185.749,2347	8.275.504,5412	922,367m	921,959m	CE
12+260,00	613	185.759,4272	8.275.496,1977	923,065m	922,596m	
12+280,00	614	185.775,2023	8.275.483,9045	923,936m	923,564m	
12+300,00	615	185.791,2813	8.275.472,0114	924,840m	924,532m	
12+320,00	616	185.807,6046	8.275.460,4555	925,660m	925,500m	
12+340,00	617	185.824,1167	8.275.449,1708	926,523m	926,468m	
12+360,00	618	185.840,7655	8.275.438,0888	927,405m	927,436m	
12+380,00	619	185.857,5017	8.275.427,1388	928,363m	928,404m	
12+396,83	619+16,83	185.871,6158	8.275.417,9756	928,798m	929,219m	ET
12+400,00	620	185.874,2774	8.275.416,2496	928,815m	929,372m	
12+420,00	621	185.891,0578	8.275.405,3675	930,235m	930,340m	
12+440,00	622	185.907,8381	8.275.394,4855	931,065m	931,308m	
12+460,00	623	185.924,6185	8.275.383,6034	931,930m	932,276m	
12+480,00	624	185.941,3988	8.275.372,7213	932,918m	933,223m	
12+500,00	625	185.958,1792	8.275.361,8392	933,781m	934,129m	
12+520,00	626	185.974,9595	8.275.350,9572	934,649m	934,993m	
12+540,00	627	185.991,7399	8.275.340,0751	935,369m	935,815m	
12+560,00	628	186.008,5203	8.275.329,1930	936,107m	936,595m	
12+580,00	629	186.025,3006	8.275.318,3109	936,789m	937,334m	
12+600,00	630	186.042,0810	8.275.307,4289	937,464m	938,031m	
12+620,00	631	186.058,8613	8.275.296,5468	938,046m	938,686m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
12+640,00	632	186.075,6417	8.275.285,6647	938,660m	939,300m	
12+655,79	632+15,79	186.088,8939	8.275.277,0707	939,248m	939,755m	TE
12+660,00	633	186.092,4218	8.275.274,7823	939,411m	939,872m	
12+680,00	634	186.109,1594	8.275.263,8346	940,024m	940,402m	
12+700,00	635	186.125,7177	8.275.252,6184	940,387m	940,891m	
12+715,79	635+15,79	186.138,5641	8.275.243,4296	940,761m	941,248m	EC
12+720,00	636	186.141,9382	8.275.240,9199	940,839m	941,338m	
12+740,00	637	186.157,6911	8.275.228,5996	941,109m	941,743m	
12+760,00	638	186.172,9388	8.275.215,6591	941,356m	942,107m	
12+770,00	638+10,00	186.180,3655	8.275.208,9628	941,503m	942,273m	PIV
12+778,89	638+18,89	186.186,8567	8.275.202,8836	941,631m	942,412m	CE
12+780,00	639	186.187,6567	8.275.202,1192	941,646m	942,429m	
12+800,00	640	186.201,8586	8.275.188,0384	941,926m	942,709m	
12+820,00	641	186.215,6911	8.275.173,5936	942,171m	942,948m	
12+838,89	641+18,89	186.228,5870	8.275.159,7857	942,389m	943,135m	ET
12+840,00	642	186.229,3407	8.275.158,9756	942,393m	943,145m	
12+860,00	643	186.242,9629	8.275.144,3320	942,461m	943,300m	
12+880,00	644	186.256,5851	8.275.129,6884	942,622m	943,413m	
12+900,00	645	186.270,2073	8.275.115,0447	942,765m	943,485m	
12+920,00	646	186.283,8295	8.275.100,4011	942,811m	943,515m	
12+924,46	646+4,46	186.286,8669	8.275.097,1361	942,906m	943,516m	PB
12+940,00	647	186.297,4517	8.275.085,7575	943,107m	943,504m	
12+960,00	648	186.311,0740	8.275.071,1139	943,158m	943,450m	
12+980,00	649	186.324,6962	8.275.056,4703	943,009m	943,356m	
13+000,00	650	186.338,3184	8.275.041,8267	942,583m	943,219m	
13+020,00	651	186.351,9406	8.275.027,1831	942,205m	943,041m	
13+040,00	652	186.365,5628	8.275.012,5395	941,795m	942,821m	
13+060,00	653	186.379,1850	8.274.997,8959	941,281m	942,559m	
13+080,00	654	186.392,8072	8.274.983,2523	940,964m	942,256m	
13+100,00	655	186.406,4295	8.274.968,6087	940,694m	941,932m	
13+120,00	656	186.420,0517	8.274.953,9650	940,448m	941,607m	
13+140,00	657	186.433,6739	8.274.939,3214	940,170m	941,283m	
13+160,00	658	186.447,2961	8.274.924,6778	939,816m	940,959m	
13+180,00	659	186.460,9183	8.274.910,0342	939,576m	940,635m	
13+200,00	660	186.474,5405	8.274.895,3906	939,272m	940,311m	
13+220,00	661	186.488,1627	8.274.880,7470	938,879m	939,986m	
13+240,00	662	186.501,7850	8.274.866,1034	938,592m	939,662m	
13+260,00	663	186.515,4072	8.274.851,4598	938,327m	939,338m	
13+280,00	664	186.529,0294	8.274.836,8162	937,956m	939,014m	
13+289,84	664+9,84	186.535,7326	8.274.829,6103	937,719m	938,854m	TE
13+300,00	665	186.542,6529	8.274.822,1738	937,521m	938,690m	
13+320,00	666	186.556,3081	8.274.807,5609	937,241m	938,366m	
13+340,00	667	186.570,0534	8.274.793,0329	937,010m	938,041m	
13+360,00	668	186.583,9474	8.274.778,6471	936,980m	937,717m	
13+380,00	669	186.598,0469	8.274.764,4627	936,818m	937,393m	
13+400,00	670	186.612,4062	8.274.750,5417	936,452m	937,069m	
13+415,00	670+15,00	186.623,3770	8.274.740,3125	936,277m	936,826m	PCV

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
13+420,00	671	186.627,0763	8.274.736,9487	936,213m	936,743m	
13+439,84	671+19,84	186.641,9834	8.274.723,8552	935,799m	936,392m	EC
13+440,00	672	186.642,1039	8.274.723,7524	935,794m	936,389m	
13+460,00	673	186.657,5218	8.274.711,0143	935,185m	935,993m	
13+480,00	674	186.673,3242	8.274.698,7567	934,883m	935,556m	
13+500,00	675	186.689,4963	8.274.686,9910	934,322m	935,078m	
13+520,00	676	186.706,0227	8.274.675,7283	933,775m	934,559m	
13+530,00	676+10,00	186.714,4139	8.274.670,2890	933,493m	934,284m	PIV
13+540,00	677	186.722,8878	8.274.664,9794	933,211m	933,999m	
13+560,00	678	186.740,0755	8.274.654,7545	932,580m	933,398m	
13+580,00	679	186.757,5697	8.274.645,0632	932,038m	932,756m	
13+600,00	680	186.775,3538	8.274.635,9146	931,432m	932,073m	
13+607,91	680+7,91	186.782,4617	8.274.632,4490	931,172m	931,792m	CE
13+620,00	681	186.793,4096	8.274.627,3148	930,783m	931,349m	
13+640,00	682	186.811,7012	8.274.619,2282	930,148m	930,584m	
13+645,00	682+5,00	186.816,3056	8.274.617,2789	929,977m	930,386m	PTV
13+660,00	683	186.830,1833	8.274.611,5864	929,421m	929,789m	
13+680,00	684	186.848,8152	8.274.604,3171	928,649m	928,994m	
13+700,00	685	186.867,5610	8.274.597,3466	927,898m	928,198m	
13+720,00	686	186.886,3883	8.274.590,5991	927,242m	927,402m	
13+732,91	686+12,91	186.898,5684	8.274.586,3271	926,813m	926,889m	PCV
13+740,00	687	186.905,2676	8.274.583,9982	926,593m	926,616m	
13+757,91	687+17,91	186.922,1932	8.274.578,1490	926,042m	926,009m	ET
13+760,00	688	186.924,1710	8.274.577,4668	925,987m	925,946m	
13+780,00	689	186.943,0777	8.274.570,9446	925,483m	925,424m	
13+800,00	690	186.961,9843	8.274.564,4224	925,118m	925,050m	
13+820,00	691	186.980,8909	8.274.557,9002	924,904m	924,824m	
13+827,91	691+7,91	186.988,3662	8.274.555,3215	924,840m	924,775m	PIV
13+840,00	692	186.999,7976	8.274.551,3780	924,864m	924,745m	
13+840,66	692+0,66	187.000,4173	8.274.551,1642	924,871m	924,745m	
13+860,00	693	187.018,7042	8.274.544,8558	925,072m	924,814m	
13+880,00	694	187.037,6108	8.274.538,3336	925,267m	925,031m	
13+900,00	695	187.056,5175	8.274.531,8114	925,576m	925,395m	
13+920,00	696	187.075,4241	8.274.525,2892	926,059m	925,907m	
13+922,91	696+2,91	187.078,1727	8.274.524,3411	926,134m	925,994m	PTV
13+940,00	697	187.094,3308	8.274.518,7670	926,534m	926,513m	
13+960,00	698	187.113,2374	8.274.512,2448	927,118m	927,121m	
13+980,00	699	187.132,1440	8.274.505,7227	927,748m	927,728m	
14+000,00	700	187.151,0507	8.274.499,2005	928,344m	928,336m	
14+020,00	701	187.169,9573	8.274.492,6783	928,946m	928,943m	
14+040,00	702	187.188,8640	8.274.486,1561	929,557m	929,551m	
14+060,00	703	187.207,7706	8.274.479,6339	930,174m	930,158m	
14+080,00	704	187.226,6772	8.274.473,1117	930,790m	930,766m	
14+100,00	705	187.245,5839	8.274.466,5895	931,374m	931,373m	
14+120,00	706	187.264,4905	8.274.460,0673	931,988m	931,980m	
14+140,00	707	187.283,3972	8.274.453,5451	932,591m	932,588m	
14+148,00	707+8,00	187.290,9598	8.274.450,9363	932,824m	932,831m	PCV

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
14+160,00	708	187.302,3038	8.274.447,0229	933,129m	933,166m	
14+180,00	709	187.321,2104	8.274.440,5007	933,515m	933,591m	
14+200,00	710	187.340,1171	8.274.433,9786	933,825m	933,850m	
14+220,00	711	187.359,0237	8.274.427,4564	933,929m	933,945m	
14+221,36	711+1,36	187.360,3068	8.274.427,0137	933,930m	933,945m	PB
14+240,00	712	187.377,9304	8.274.420,9342	933,853m	933,873m	
14+260,00	713	187.396,8370	8.274.414,4120	933,606m	933,636m	
14+268,00	713+8,00	187.404,3997	8.274.411,8031	933,470m	933,495m	PIV
14+280,00	714	187.415,7436	8.274.407,8898	933,225m	933,233m	
14+300,00	715	187.434,6503	8.274.401,3676	932,669m	932,665m	
14+320,00	716	187.453,5569	8.274.394,8454	931,915m	931,931m	
14+340,00	717	187.472,4636	8.274.388,3232	931,028m	931,031m	
14+360,00	718	187.491,3702	8.274.381,8010	929,960m	929,966m	
14+380,00	719	187.510,2768	8.274.375,2788	928,741m	928,735m	
14+388,00	719+8,00	187.517,8395	8.274.372,6700	928,222m	928,196m	PTV
14+400,00	720	187.529,1835	8.274.368,7566	927,400m	927,368m	
14+420,00	721	187.548,0901	8.274.362,2345	926,037m	925,988m	
14+440,00	722	187.566,9968	8.274.355,7123	924,651m	924,608m	
14+460,00	723	187.585,9034	8.274.349,1901	923,254m	923,228m	
14+480,00	724	187.604,8100	8.274.342,6679	921,865m	921,848m	
14+500,00	725	187.623,7167	8.274.336,1457	920,485m	920,468m	
14+520,00	726	187.642,6233	8.274.329,6235	919,086m	919,089m	
14+540,00	727	187.661,5300	8.274.323,1013	917,680m	917,709m	
14+560,00	728	187.680,4366	8.274.316,5791	916,300m	916,329m	
14+574,00	728+14,00	187.693,6712	8.274.312,0136	915,393m	915,363m	PCV
14+580,00	729	187.699,3432	8.274.310,0569	915,008m	914,959m	
14+600,00	730	187.718,2499	8.274.303,5347	913,875m	913,763m	
14+620,00	731	187.737,1565	8.274.297,0125	912,953m	912,797m	
14+640,00	732	187.756,0632	8.274.290,4904	912,200m	912,061m	
14+660,00	733	187.774,9698	8.274.283,9682	911,680m	911,556m	
14+674,00	733+14,00	187.788,2044	8.274.279,4026	911,413m	911,338m	PIV
14+680,00	734	187.793,8764	8.274.277,4460	911,318m	911,280m	
14+693,98	734+13,98	187.807,0965	8.274.272,8855	911,235m	911,224m	
14+700,00	735	187.812,7831	8.274.270,9238	911,225m	911,234m	
14+720,00	736	187.831,6897	8.274.264,4016	911,402m	911,418m	
14+740,00	737	187.850,5964	8.274.257,8794	911,811m	911,832m	
14+760,00	738	187.869,5030	8.274.251,3572	912,440m	912,477m	
14+774,00	738+14,00	187.882,7376	8.274.246,7917	913,024m	913,064m	PTV
14+780,00	739	187.888,4096	8.274.244,8350	913,297m	913,340m	
14+800,00	740	187.907,3163	8.274.238,3128	914,210m	914,261m	
14+820,00	741	187.926,2229	8.274.231,7906	915,134m	915,181m	
14+840,00	742	187.945,1296	8.274.225,2684	916,053m	916,101m	
14+860,00	743	187.964,0362	8.274.218,7463	916,959m	917,021m	
14+880,00	744	187.982,9428	8.274.212,2241	917,878m	917,942m	
14+900,00	745	188.001,8495	8.274.205,7019	918,814m	918,862m	
14+920,00	746	188.020,7561	8.274.199,1797	919,749m	919,782m	
14+929,00	746+9,00	188.029,2641	8.274.196,2447	920,147m	920,196m	PCV

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
14+940,00	747	188.039,6628	8.274.192,6575	920,647m	920,668m	
14+940,98	747+0,98	188.040,5884	8.274.192,3382	920,693m	920,707m	PC
14+960,00	748	188.058,6178	8.274.186,2781	921,331m	921,349m	
14+980,00	749	188.077,6764	8.274.180,2150	921,812m	921,801m	
15+000,00	750	188.096,8334	8.274.174,4705	922,060m	922,026m	
15+009,67	750+9,67	188.106,1304	8.274.171,8075	922,052m	922,052m	PB
15+019,00	750+19,00	188.115,1189	8.274.169,3096	922,032m	922,027m	PIV
15+020,00	751	188.116,0835	8.274.169,0460	922,030m	922,022m	
15+040,00	752	188.135,4213	8.274.163,9431	921,843m	921,790m	
15+040,42	752+0,42	188.135,8271	8.274.163,8397	921,839m	921,783m	PT
15+060,00	753	188.154,8029	8.274.159,0082	921,406m	921,330m	
15+080,00	754	188.174,1845	8.274.154,0733	920,749m	920,642m	
15+100,00	755	188.193,5661	8.274.149,1384	919,801m	919,725m	
15+109,00	755+9,00	188.202,2879	8.274.146,9177	919,318m	919,238m	PTV
15+120,00	756	188.212,9478	8.274.144,2035	918,715m	918,615m	
15+140,00	757	188.232,3294	8.274.139,2686	917,555m	917,482m	
15+160,00	758	188.251,7110	8.274.134,3338	916,413m	916,349m	
15+167,00	758+7,00	188.258,4945	8.274.132,6066	916,030m	915,953m	PCV
15+180,00	759	188.271,0926	8.274.129,3989	915,273m	915,223m	
15+200,00	760	188.290,4742	8.274.124,4640	914,163m	914,125m	
15+220,00	761	188.309,8558	8.274.119,5291	913,102m	913,059m	
15+240,00	762	188.329,2374	8.274.114,5943	912,052m	912,023m	
15+242,00	762+2,00	188.331,1756	8.274.114,1008	911,941m	911,922m	PIV
15+260,00	763	188.348,6191	8.274.109,6594	911,016m	911,019m	
15+280,00	764	188.368,0007	8.274.104,7245	910,084m	910,046m	
15+300,00	765	188.387,3823	8.274.099,7896	909,151m	909,104m	
15+317,00	765+17,00	188.403,8567	8.274.095,5950	908,386m	908,327m	PTV
15+320,00	766	188.406,7639	8.274.094,8547	908,250m	908,192m	
15+340,00	767	188.426,1455	8.274.089,9199	907,339m	907,292m	
15+360,00	768	188.445,5271	8.274.084,9850	906,400m	906,391m	
15+380,00	769	188.464,9087	8.274.080,0501	905,497m	905,491m	
15+400,00	770	188.484,2904	8.274.075,1152	904,597m	904,590m	
15+420,00	771	188.503,6720	8.274.070,1804	903,718m	903,690m	
15+431,00	771+11,00	188.514,3319	8.274.067,4662	903,223m	903,195m	PCV
15+440,00	772	188.523,0536	8.274.065,2455	902,823m	902,794m	
15+460,00	773	188.542,4352	8.274.060,3106	901,975m	901,935m	
15+480,00	774	188.561,8168	8.274.055,3757	901,141m	901,120m	
15+500,00	775	188.581,1984	8.274.050,4408	900,375m	900,349m	
15+520,00	776	188.600,5800	8.274.045,5060	899,640m	899,621m	
15+531,00	776+11,00	188.611,2399	8.274.042,7918	899,250m	899,240m	PIV
15+540,00	777	188.619,9617	8.274.040,5711	898,940m	898,937m	
15+560,00	778	188.639,3433	8.274.035,6362	898,256m	898,297m	
15+580,00	779	188.658,7249	8.274.030,7013	897,692m	897,701m	
15+600,00	780	188.678,1065	8.274.025,7665	897,158m	897,148m	
15+620,00	781	188.697,4881	8.274.020,8316	896,633m	896,639m	
15+631,00	781+11,00	188.708,1480	8.274.018,1174	896,384m	896,378m	PTV
15+640,00	782	188.716,8697	8.274.015,8967	896,187m	896,170m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
15+660,00	783	188.736,2513	8.274.010,9618	895,721m	895,707m	
15+680,00	784	188.755,6330	8.274.006,0269	895,261m	895,244m	
15+700,00	785	188.775,0146	8.274.001,0921	894,841m	894,781m	
15+702,00	785+2,00	188.776,9527	8.274.000,5986	894,797m	894,735m	PCV
15+720,00	786	188.794,3962	8.273.996,1572	894,380m	894,345m	
15+740,00	787	188.813,7778	8.273.991,2223	893,977m	893,975m	
15+760,00	788	188.833,1594	8.273.986,2874	893,656m	893,672m	
15+780,00	789	188.852,5410	8.273.981,3526	893,382m	893,436m	
15+800,00	790	188.871,9226	8.273.976,4177	893,217m	893,266m	
15+820,00	791	188.891,3043	8.273.971,4828	893,129m	893,162m	
15+840,00	792	188.910,6859	8.273.966,5479	893,122m	893,126m	
15+841,01	792+1,01	188.911,6656	8.273.966,2985	893,124m	893,126m	
15+842,00	792+2,00	188.912,6240	8.273.966,0544	893,127m	893,126m	PIV
15+860,00	793	188.930,0675	8.273.961,6130	893,153m	893,156m	
15+880,00	794	188.949,4491	8.273.956,6782	893,246m	893,252m	
15+900,00	795	188.968,8307	8.273.951,7433	893,417m	893,415m	
15+920,00	796	188.988,2123	8.273.946,8084	893,627m	893,645m	
15+940,00	797	189.007,5939	8.273.941,8735	893,949m	893,942m	
15+960,00	798	189.026,9756	8.273.936,9387	894,307m	894,305m	
15+980,00	799	189.046,3572	8.273.932,0038	894,711m	894,734m	
15+982,00	799+2,00	189.048,2953	8.273.931,5103	894,755m	894,781m	PTV
16+000,00	800	189.065,7388	8.273.927,0689	895,157m	895,203m	
16+020,00	801	189.085,1204	8.273.922,1340	895,631m	895,673m	
16+040,00	802	189.104,5020	8.273.917,1991	896,095m	896,142m	
16+060,00	803	189.123,8836	8.273.912,2643	896,560m	896,612m	
16+080,00	804	189.143,2652	8.273.907,3294	897,073m	897,081m	
16+083,36	804+3,36	189.146,5175	8.273.906,5013	897,152m	897,160m	TE
16+100,00	805	189.162,6518	8.273.902,4139	897,562m	897,551m	
16+120,00	806	189.182,0800	8.273.897,6663	898,021m	898,021m	
16+140,00	807	189.201,5947	8.273.893,2895	898,506m	898,490m	
16+160,00	808	189.221,2292	8.273.889,4889	898,972m	898,960m	
16+180,00	809	189.240,9988	8.273.886,4729	899,405m	899,429m	
16+181,00	809+1,00	189.241,9908	8.273.886,3465	899,424m	899,453m	PCV
16+193,36	809+13,36	189.254,2727	8.273.885,0003	899,659m	899,717m	EC
16+200,00	810	189.260,8938	8.273.884,4516	899,784m	899,837m	
16+220,00	811	189.280,8712	8.273.883,5596	900,085m	900,108m	
16+240,00	812	189.300,8669	8.273.883,8100	900,235m	900,243m	
16+246,00	812+6,00	189.306,8595	8.273.884,1078	900,263m	900,257m	PIV
16+249,73	812+9,73	189.310,5776	8.273.884,3445	900,267m	900,259m	PB
16+260,00	813	189.320,8157	8.273.885,2019	900,245m	900,241m	
16+280,00	814	189.340,6524	8.273.887,7309	900,098m	900,103m	
16+300,00	815	189.360,3123	8.273.891,3887	899,810m	899,828m	
16+311,00	815+11,00	189.371,0266	8.273.893,8775	899,618m	899,618m	PTV
16+320,00	816	189.379,7312	8.273.896,1633	899,432m	899,430m	
16+340,00	817	189.398,8458	8.273.902,0392	899,031m	899,011m	
16+360,00	818	189.417,5935	8.273.908,9972	898,608m	898,592m	
16+380,00	819	189.435,9133	8.273.917,0145	898,176m	898,174m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
16+399,00	819+19,00	189.452,8661	8.273.925,5884	897,781m	897,776m	PCV
16+400,00	820	189.453,7453	8.273.926,0650	897,759m	897,755m	
16+414,41	820+14,41	189.466,2585	8.273.933,2100	897,379m	897,399m	CE
16+420,00	821	189.471,0316	8.273.936,1185	897,207m	897,236m	
16+440,00	822	189.487,7553	8.273.947,0839	896,570m	896,533m	
16+449,00	822+9,00	189.495,1137	8.273.952,2657	896,201m	896,157m	PIV
16+460,00	823	189.503,9828	8.273.958,7723	895,694m	895,647m	
16+480,00	824	189.519,8106	8.273.970,9974	894,608m	894,579m	
16+499,00	824+19,00	189.534,5803	8.273.982,9492	893,391m	893,394m	PTV
16+500,00	825	189.535,3525	8.273.983,5846	893,325m	893,327m	
16+520,00	826	189.550,7338	8.273.996,3680	891,940m	891,992m	
16+524,41	826+4,41	189.554,1171	8.273.999,1974	891,642m	891,698m	ET
16+540,00	827	189.566,0752	8.274.009,1992	890,610m	890,658m	
16+560,00	828	189.581,4164	8.274.022,0308	889,266m	889,324m	
16+580,00	829	189.596,7576	8.274.034,8623	887,946m	887,989m	
16+600,00	830	189.612,0988	8.274.047,6938	886,633m	886,655m	
16+620,00	831	189.627,4400	8.274.060,5253	885,329m	885,320m	
16+640,00	832	189.642,7811	8.274.073,3568	883,992m	883,986m	
16+647,84	832+7,84	189.648,7954	8.274.078,3872	883,498m	883,463m	PCV
16+660,00	833	189.658,1223	8.274.086,1884	882,739m	882,691m	
16+680,00	834	189.673,4635	8.274.099,0199	881,619m	881,593m	
16+700,00	835	189.688,8047	8.274.111,8514	880,739m	880,709m	
16+720,00	836	189.704,1459	8.274.124,6829	880,062m	880,038m	
16+740,00	837	189.719,4871	8.274.137,5144	879,605m	879,580m	
16+757,84	837+17,84	189.733,1719	8.274.148,9606	879,362m	879,352m	PIV
16+760,00	838	189.734,8283	8.274.150,3460	879,342m	879,336m	
16+772,88	838+12,88	189.744,7112	8.274.158,6121	879,288m	879,291m	
16+780,00	839	189.750,1695	8.274.163,1775	879,306m	879,305m	
16+800,00	840	189.765,5107	8.274.176,0090	879,467m	879,488m	
16+820,00	841	189.780,8518	8.274.188,8405	879,871m	879,884m	
16+840,00	842	189.796,1930	8.274.201,6720	880,501m	880,493m	
16+860,00	843	189.811,5342	8.274.214,5036	881,293m	881,316m	
16+867,84	843+7,84	189.817,5485	8.274.219,5339	881,681m	881,697m	PTV
16+880,00	844	189.826,8754	8.274.227,3351	882,295m	882,313m	
16+888,41	844+8,41	189.833,3297	8.274.232,7335	882,713m	882,739m	TE
16+900,00	845	189.842,2348	8.274.240,1447	883,336m	883,326m	
16+904,30	845+4,30	189.845,5609	8.274.242,8681	883,544m	883,544m	PCV
16+920,00	846	189.857,9207	8.274.252,5494	884,325m	884,326m	
16+940,00	847	189.874,4250	8.274.263,8334	885,297m	885,284m	
16+958,41	847+18,41	189.890,6456	8.274.272,5256	886,150m	886,128m	EC
16+960,00	848	189.892,0926	8.274.273,1739	886,221m	886,199m	
16+974,30	848+14,30	189.905,4675	8.274.278,2102	886,805m	886,827m	PIV
16+980,00	849	189.910,9411	8.274.279,8031	887,017m	887,071m	
17+000,00	850	189.930,5828	8.274.283,4658	887,781m	887,900m	
17+020,00	851	189.950,5538	8.274.284,0752	888,515m	888,686m	
17+040,00	852	189.970,3823	8.274.281,6171	889,314m	889,429m	
17+044,30	852+4,30	189.974,5803	8.274.280,6925	889,528m	889,583m	PTV

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
17+048,04	852+8,04	189.978,2114	8.274.279,7740	889,704m	889,716m	CE
17+060,00	853	189.989,6100	8.274.276,1791	890,093m	890,142m	
17+080,00	854	190.008,0015	8.274.268,3445	890,851m	890,854m	
17+100,00	855	190.025,6797	8.274.258,9983	891,575m	891,566m	
17+118,04	855+18,04	190.041,2901	8.274.249,9479	892,219m	892,208m	ET
17+120,00	856	190.042,9760	8.274.248,9570	892,285m	892,277m	
17+140,00	857	190.060,2183	8.274.238,8227	892,977m	892,989m	
17+160,00	858	190.077,4605	8.274.228,6883	893,714m	893,701m	
17+180,00	859	190.094,7028	8.274.218,5540	894,463m	894,413m	
17+196,00	859+16,00	190.108,4965	8.274.210,4465	895,014m	894,983m	PCV
17+200,00	860	190.111,9450	8.274.208,4196	895,154m	895,122m	
17+220,00	861	190.129,1872	8.274.198,2853	895,725m	895,724m	
17+240,00	862	190.146,4295	8.274.188,1509	896,162m	896,170m	
17+251,00	862+11,00	190.155,9127	8.274.182,5770	896,315m	896,348m	PIV
17+260,00	863	190.163,6717	8.274.178,0166	896,438m	896,458m	
17+280,00	864	190.180,9140	8.274.167,8822	896,557m	896,590m	
17+286,77	864+6,77	190.186,7507	8.274.164,4516	896,566m	896,599m	PB
17+300,00	865	190.198,1562	8.274.157,7479	896,551m	896,564m	
17+306,00	865+6,00	190.203,3289	8.274.154,7076	896,512m	896,526m	PTV
17+320,00	866	190.215,3985	8.274.147,6135	896,431m	896,420m	
17+340,00	867	190.232,6407	8.274.137,4792	896,287m	896,270m	
17+360,00	868	190.249,8830	8.274.127,3448	896,147m	896,119m	
17+380,00	869	190.267,1252	8.274.117,2105	895,981m	895,968m	
17+400,00	870	190.284,3674	8.274.107,0761	895,837m	895,817m	
17+409,00	870+9,00	190.292,1265	8.274.102,5157	895,731m	895,749m	PCV
17+420,00	871	190.301,6097	8.274.096,9418	895,607m	895,641m	
17+440,00	872	190.318,8519	8.274.086,8075	895,268m	895,317m	
17+460,00	873	190.336,0942	8.274.076,6731	894,848m	894,828m	
17+479,00	873+19,00	190.352,4743	8.274.067,0455	894,204m	894,211m	PIV
17+480,00	874	190.353,3364	8.274.066,5388	894,171m	894,174m	
17+500,00	875	190.370,5787	8.274.056,4044	893,295m	893,355m	
17+520,00	876	190.387,8209	8.274.046,2701	892,324m	892,371m	
17+540,00	877	190.405,0632	8.274.036,1357	891,193m	891,222m	
17+549,00	877+9,00	190.412,8222	8.274.031,5753	890,653m	890,651m	PTV
17+560,00	878	190.422,3054	8.274.026,0014	889,947m	889,933m	
17+580,00	879	190.439,5476	8.274.015,8670	888,629m	888,628m	
17+600,00	880	190.456,7899	8.274.005,7327	887,307m	887,322m	
17+620,00	881	190.474,0321	8.273.995,5983	886,026m	886,016m	
17+629,92	881+9,92	190.482,5829	8.273.990,5725	885,376m	885,369m	TE
17+640,00	882	190.491,2781	8.273.985,4704	884,741m	884,710m	
17+660,00	883	190.508,6156	8.273.975,5003	883,488m	883,405m	
17+680,00	884	190.526,2072	8.273.965,9874	882,169m	882,099m	
17+700,00	885	190.544,1951	8.273.957,2499	880,907m	880,793m	
17+720,00	886	190.562,6802	8.273.949,6249	879,523m	879,488m	
17+729,92	886+9,92	190.572,0470	8.273.946,3659	878,859m	878,840m	EC
17+740,00	887	190.581,7010	8.273.943,4633	878,253m	878,182m	
17+760,00	888	190.601,1832	8.273.938,9700	876,928m	876,876m	

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KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
17+761,00	888+1,00	190.602,1669	8.273.938,7900	876,856m	876,811m	PCV
17+780,00	889	190.620,9821	8.273.936,1857	875,535m	875,542m	
17+800,00	890	190.640,9480	8.273.935,1314	874,196m	874,147m	
17+801,00	890+1,00	190.641,9480	8.273.935,1243	874,120m	874,075m	PIV
17+820,00	891	190.660,9300	8.273.935,8150	872,717m	872,689m	
17+832,11	891+12,11	190.672,9696	8.273.937,0716	871,802m	871,776m	CE
17+840,00	892	190.680,7777	8.273.938,2280	871,220m	871,169m	
17+841,00	892+1,00	190.681,7641	8.273.938,3925	871,141m	871,091m	PTV
17+860,00	893	190.700,3732	8.273.942,2089	869,647m	869,615m	
17+880,00	894	190.719,6824	8.273.947,4103	868,060m	868,061m	
17+900,00	895	190.738,7375	8.273.953,4814	866,503m	866,507m	
17+920,00	896	190.757,6165	8.273.960,0823	864,959m	864,953m	
17+932,11	896+12,11	190.769,0028	8.273.964,1954	864,024m	864,012m	ET
17+940,00	897	190.776,4240	8.273.966,8850	863,416m	863,399m	
17+960,00	898	190.795,2272	8.273.973,6999	861,888m	861,844m	
17+966,00	898+6,00	190.800,8681	8.273.975,7443	861,429m	861,378m	PCV
17+980,00	899	190.814,0303	8.273.980,5147	860,380m	860,304m	
18+000,00	900	190.832,8334	8.273.987,3295	858,880m	858,816m	
18+011,00	900+11,00	190.843,1752	8.273.991,0777	858,030m	858,022m	PIV
18+020,00	901	190.851,6366	8.273.994,1444	857,455m	857,384m	
18+040,00	902	190.870,4397	8.274.000,9592	856,082m	856,008m	
18+056,00	902+16,00	190.885,4822	8.274.006,4111	855,011m	854,946m	PTV
18+060,00	903	190.889,2429	8.274.007,7740	854,742m	854,685m	
18+072,00	903+12,00	190.900,5247	8.274.011,8629	853,974m	853,902m	PCV
18+080,00	904	190.908,0460	8.274.014,5889	853,493m	853,394m	
18+100,00	905	190.926,8491	8.274.021,4037	852,297m	852,246m	
18+111,71	905+11,71	190.937,8547	8.274.025,3924	851,619m	851,655m	PC
18+120,00	906	190.945,6499	8.274.028,2250	851,236m	851,272m	
18+132,00	906+12,00	190.956,9201	8.274.032,3461	850,735m	850,770m	PIV
18+140,00	907	190.964,4280	8.274.035,1086	850,439m	850,488m	
18+156,11	907+16,11	190.979,5352	8.274.040,7085	850,153m	850,110m	PT
18+160,00	908	190.983,1789	8.274.042,0658	850,097m	850,057m	
18+172,00	908+12,00	190.994,4240	8.274.046,2547	849,914m	849,985m	PTV
18+180,00	909	191.001,9208	8.274.049,0473	845,644m	849,984m	
18+200,00	910	191.020,6627	8.274.056,0289	845,276m	849,983m	
18+219,28	910+19,28	191.038,7285	8.274.062,7586	849,809m	849,981m	PC
18+220,00	911	191.039,4046	8.274.063,0104	849,799m	849,981m	
18+240,00	912	191.058,1613	8.274.069,9517	849,738m	849,979m	
18+257,95	912+17,95	191.075,0236	8.274.076,1193	849,875m	849,978m	PT
18+260,00	913	191.076,9456	8.274.076,8184	849,880m	849,978m	
18+268,00	913+8,00	191.084,4637	8.274.079,5530	849,899m	849,977m	PCV
18+268,24	913+8,24	191.084,6902	8.274.079,6353	849,900m	849,977m	
18+280,00	914	191.095,7409	8.274.083,6548	849,963m	850,001m	
18+300,00	915	191.114,5362	8.274.090,4912	850,139m	850,153m	
18+320,00	916	191.133,3316	8.274.097,3275	850,428m	850,445m	
18+338,00	916+18,00	191.150,2473	8.274.103,4803	850,815m	850,827m	PIV
18+340,00	917	191.152,1269	8.274.104,1639	850,865m	850,876m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
18+360,00	918	191.170,9222	8.274.111,0003	851,440m	851,447m	
18+380,00	919	191.189,7175	8.274.117,8366	852,107m	852,158m	
18+400,00	920	191.208,5128	8.274.124,6730	852,945m	853,008m	
18+408,00	920+8,00	191.216,0310	8.274.127,4076	853,294m	853,387m	PTV
18+420,00	921	191.227,3082	8.274.131,5094	853,873m	853,973m	
18+440,00	922	191.246,1035	8.274.138,3458	854,833m	854,949m	
18+460,00	923	191.264,8988	8.274.145,1821	855,864m	855,925m	
18+480,00	924	191.283,6941	8.274.152,0185	856,925m	856,901m	
18+500,00	925	191.302,4894	8.274.158,8549	857,956m	857,877m	
18+512,00	925+12,00	191.313,7666	8.274.162,9567	858,497m	858,463m	PCV
18+520,00	926	191.321,2847	8.274.165,6913	858,851m	858,841m	
18+540,00	927	191.340,0801	8.274.172,5276	859,689m	859,672m	
18+560,00	928	191.358,8754	8.274.179,3640	860,365m	860,343m	
18+580,00	929	191.377,6707	8.274.186,2004	860,871m	860,854m	
18+592,00	929+12,00	191.388,9479	8.274.190,3022	861,074m	861,083m	PIV
18+600,00	930	191.396,4660	8.274.193,0368	861,175m	861,203m	
18+620,00	931	191.415,2613	8.274.199,8731	861,334m	861,393m	
18+633,56	931+13,56	191.428,0068	8.274.204,5090	861,365m	861,430m	PB
18+640,00	932	191.434,0567	8.274.206,7095	861,336m	861,421m	
18+660,00	933	191.452,8520	8.274.213,5459	861,251m	861,289m	
18+672,00	933+12,00	191.464,1292	8.274.217,6477	861,133m	861,133m	PTV
18+680,00	934	191.471,6473	8.274.220,3822	861,024m	861,009m	
18+700,00	935	191.490,4426	8.274.227,2186	860,729m	860,701m	
18+720,00	936	191.509,2379	8.274.234,0550	860,400m	860,392m	
18+740,00	937	191.528,0333	8.274.240,8914	860,060m	860,084m	
18+760,00	938	191.546,8286	8.274.247,7277	859,739m	859,775m	
18+780,00	939	191.565,6239	8.274.254,5641	859,480m	859,466m	
18+800,00	940	191.584,4192	8.274.261,4005	859,172m	859,158m	
18+820,00	941	191.603,2145	8.274.268,2369	858,892m	858,918m	
18+840,00	942	191.622,0098	8.274.275,0732	858,847m	858,815m	
18+844,94	942+4,94	191.626,6553	8.274.276,7629	858,757m	858,811m	
18+860,00	943	191.640,8052	8.274.281,9096	858,902m	858,850m	
18+880,00	944	191.659,6005	8.274.288,7460	859,010m	859,022m	
18+900,00	945	191.678,3958	8.274.295,5824	859,303m	859,331m	
18+920,00	946	191.697,1911	8.274.302,4187	859,781m	859,778m	
18+923,88	946+3,88	191.700,8363	8.274.303,7446	859,878m	859,881m	TE
18+940,00	947	191.715,9970	8.274.309,2259	860,358m	860,362m	
18+960,00	948	191.734,8982	8.274.315,7624	861,096m	861,084m	
18+980,00	949	191.753,9986	8.274.321,6884	861,962m	861,942m	
19+000,00	950	191.773,3694	8.274.326,6543	862,914m	862,939m	
19+013,88	950+13,88	191.786,9832	8.274.329,3457	863,662m	863,677m	EC
19+020,00	951	191.793,0293	8.274.330,3004	863,978m	864,003m	
19+040,00	952	191.812,9152	8.274.332,3834	865,052m	865,068m	
19+060,00	953	191.832,9039	8.274.332,8706	866,162m	866,133m	
19+080,00	954	191.852,8676	8.274.331,7588	867,228m	867,198m	
19+091,00	954+11,00	191.863,7907	8.274.330,4679	867,804m	867,783m	PCV
19+100,00	955	191.872,6787	8.274.329,0551	868,225m	868,239m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
19+120,00	956	191.892,2103	8.274.324,7770	869,054m	869,081m	
19+140,00	957	191.911,3375	8.274.318,9516	869,641m	869,688m	
19+160,00	958	191.929,9381	8.274.311,6163	870,014m	870,061m	
19+180,00	959	191.947,8929	8.274.302,8180	870,180m	870,199m	
19+181,77	959+1,77	191.949,4510	8.274.301,9685	870,179m	870,200m	PB
19+186,00	959+6,00	191.953,1362	8.274.299,9015	870,174m	870,195m	PIV
19+195,18	959+15,18	191.961,0171	8.274.295,1989	870,154m	870,147m	CE
19+200,00	960	191.965,0877	8.274.292,6138	870,080m	870,102m	
19+220,00	961	191.981,4775	8.274.281,1584	869,735m	869,771m	
19+240,00	962	191.997,1778	8.274.268,7721	869,192m	869,206m	
19+260,00	963	192.012,3691	8.274.255,7647	868,396m	868,405m	
19+280,00	964	192.027,2660	8.274.242,4202	867,401m	867,370m	
19+281,00	964+1,00	192.028,0073	8.274.241,7490	867,341m	867,313m	PTV
19+285,18	964+5,18	192.031,1031	8.274.238,9437	867,089m	867,069m	ET
19+300,00	965	192.042,0853	8.274.228,9893	866,255m	866,207m	
19+320,00	966	192.056,9039	8.274.215,5576	865,075m	865,043m	
19+340,00	967	192.071,7224	8.274.202,1260	863,905m	863,879m	
19+360,00	968	192.086,5410	8.274.188,6943	862,721m	862,715m	
19+380,00	969	192.101,3596	8.274.175,2626	861,559m	861,551m	
19+387,00	969+7,00	192.106,5461	8.274.170,5615	861,166m	861,144m	PCV
19+400,00	970	192.116,1781	8.274.161,8309	860,450m	860,443m	
19+420,00	971	192.130,9967	8.274.148,3993	859,605m	859,581m	
19+440,00	972	192.145,8153	8.274.134,9676	858,973m	858,983m	
19+447,00	972+7,00	192.151,0018	8.274.130,2665	858,758m	858,835m	PIV
19+460,00	973	192.160,6339	8.274.121,5359	858,725m	858,671m	
19+466,81	973+6,81	192.165,6781	8.274.116,9638	858,710m	858,649m	
19+480,00	974	192.175,4524	8.274.108,1042	858,815m	858,732m	
19+483,30	974+3,30	192.177,8972	8.274.105,8883	858,846m	858,778m	TE
19+497,00	974+17,00	192.188,0794	8.274.096,7219	859,108m	859,081m	PTV
19+500,00	975	192.190,3274	8.274.094,7353	859,168m	859,167m	
19+520,00	976	192.205,6762	8.274.081,9173	859,790m	859,738m	
19+523,30	976+3,30	192.208,2902	8.274.079,9038	859,877m	859,833m	EC
19+540,00	977	192.221,9460	8.274.070,2966	860,283m	860,310m	
19+560,00	978	192.239,1633	8.274.060,1323	860,935m	860,882m	
19+580,00	979	192.257,1983	8.274.051,5016	861,427m	861,453m	
19+581,00	979+1,00	192.258,1191	8.274.051,1116	861,472m	861,482m	PCV
19+600,00	980	192.275,9146	8.274.044,4698	861,888m	861,912m	
19+620,00	981	192.295,1710	8.274.039,0901	862,134m	862,122m	
19+626,79	981+6,79	192.301,8013	8.274.037,6477	862,138m	862,136m	PB
19+631,00	981+11,00	192.305,9395	8.274.036,8507	862,132m	862,131m	PIV
19+640,00	982	192.314,8217	8.274.035,4030	862,110m	862,082m	
19+660,00	983	192.334,7185	8.274.033,4365	861,846m	861,792m	
19+680,00	984	192.354,7109	8.274.033,2054	861,285m	861,252m	
19+681,00	984+1,00	192.355,7103	8.274.033,2395	861,250m	861,219m	PTV
19+700,00	985	192.374,6478	8.274.034,7114	860,563m	860,576m	
19+720,00	986	192.394,3785	8.274.037,9432	859,923m	859,899m	
19+720,09	986+0,09	192.394,4699	8.274.037,9623	859,921m	859,896m	CE

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
19+723,00	986+3,00	192.397,3112	8.274.038,5750	859,835m	859,797m	PCV
19+740,00	987	192.413,7915	8.274.042,7384	859,427m	859,343m	
19+760,00	988	192.432,9795	8.274.048,3777	858,984m	859,118m	
19+760,09	988+0,09	192.433,0689	8.274.048,4046	858,985m	859,117m	ET
19+763,46	988+3,46	192.436,2906	8.274.049,3773	859,003m	859,113m	
19+773,00	988+13,00	192.445,4248	8.274.052,1348	859,129m	859,151m	PIV
19+780,00	989	192.452,1261	8.274.054,1579	859,245m	859,227m	
19+800,00	990	192.471,2726	8.274.059,9381	859,572m	859,671m	
19+802,44	990+2,44	192.473,6130	8.274.060,6447	859,705m	859,748m	TE
19+820,00	991	192.490,3903	8.274.065,8120	860,525m	860,450m	
19+823,00	991+3,00	192.493,2446	8.274.066,7357	860,669m	860,595m	PTV
19+840,00	992	192.509,2673	8.274.072,4104	861,354m	861,442m	
19+842,44	992+2,44	192.511,5421	8.274.073,3057	861,498m	861,564m	EC
19+860,00	993	192.527,5798	8.274.080,4353	862,387m	862,438m	
19+880,00	994	192.545,1264	8.274.090,0200	863,418m	863,434m	
19+889,00	994+9,00	192.552,7368	8.274.094,8232	863,901m	863,883m	PCV
19+900,00	995	192.561,7742	8.274.101,0924	864,463m	864,421m	
19+920,00	996	192.577,3976	8.274.113,5687	865,319m	865,348m	
19+926,94	996+6,94	192.582,5588	8.274.118,2103	865,650m	865,654m	CE
19+940,00	997	192.591,9069	8.274.127,3263	866,257m	866,208m	
19+960,00	998	192.605,5933	8.274.141,9084	867,092m	867,003m	
19+966,94	998+6,94	192.610,2595	8.274.147,0477	867,328m	867,264m	ET
19+979,00	998+19,00	192.618,3574	8.274.155,9824	867,749m	867,697m	PIV
19+980,00	999	192.619,0290	8.274.156,7233	867,784m	867,732m	
20+000,00	1000	192.632,4602	8.274.171,5423	868,181m	868,395m	
20+017,77	1000+17,77	192.644,3934	8.274.184,7086	868,754m	868,929m	TE
20+020,00	1001	192.645,8915	8.274.186,3612	868,823m	868,992m	
20+040,00	1002	192.659,4689	8.274.201,0455	869,364m	869,523m	
20+057,77	1002+17,77	192.672,0941	8.274.213,5460	869,923m	869,939m	EC
20+060,00	1003	192.673,7372	8.274.215,0544	869,868m	869,988m	
20+069,00	1003+9,00	192.680,5133	8.274.220,9768	870,069m	870,176m	PTV
20+080,00	1004	192.689,1018	8.274.227,8482	870,493m	870,397m	
20+094,52	1004+14,52	192.700,9272	8.274.236,2779	870,828m	870,689m	CE
20+100,00	1005	192.705,5177	8.274.239,2617	870,961m	870,799m	
20+120,00	1006	192.722,7183	8.274.249,4618	871,265m	871,202m	
20+134,52	1006+14,52	192.735,4330	8.274.256,4838	871,536m	871,464m	ET
20+140,00	1007	192.740,2358	8.274.259,1124	871,544m	871,547m	
20+160,00	1008	192.757,7801	8.274.268,7143	871,745m	871,778m	
20+180,00	1009	192.775,3244	8.274.278,3163	871,846m	871,895m	
20+190,53	1009+10,53	192.784,5607	8.274.283,3712	871,852m	871,911m	PB
20+200,00	1010	192.792,8688	8.274.287,9182	871,830m	871,898m	
20+220,00	1011	192.810,4131	8.274.297,5202	871,753m	871,787m	
20+230,00	1011+10,00	192.819,1852	8.274.302,3211	871,692m	871,689m	PIV
20+240,00	1012	192.827,9574	8.274.307,1221	871,581m	871,562m	
20+260,00	1013	192.845,5017	8.274.316,7240	871,237m	871,223m	
20+280,00	1014	192.863,0460	8.274.326,3260	870,845m	870,769m	
20+300,00	1015	192.880,5903	8.274.335,9279	870,279m	870,202m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
20+320,00	1016	192.898,1346	8.274.345,5299	869,632m	869,521m	
20+340,00	1017	192.915,6789	8.274.355,1318	868,714m	868,725m	
20+360,00	1018	192.933,2232	8.274.364,7337	867,855m	867,872m	
20+380,00	1019	192.950,7675	8.274.374,3357	867,081m	867,112m	
20+400,00	1020	192.968,3118	8.274.383,9376	866,585m	866,537m	
20+420,00	1021	192.985,8561	8.274.393,5396	866,246m	866,146m	
20+440,00	1022	193.003,4004	8.274.403,1415	865,985m	865,940m	
20+452,27	1022+12,27	193.014,1642	8.274.409,0325	865,897m	865,906m	
20+460,00	1023	193.020,9448	8.274.412,7435	865,919m	865,920m	
20+480,00	1024	193.038,4891	8.274.422,3454	866,108m	866,083m	
20+500,00	1025	193.056,0334	8.274.431,9473	866,408m	866,432m	
20+520,00	1026	193.073,5777	8.274.441,5493	866,907m	866,965m	
20+540,00	1027	193.091,1220	8.274.451,1512	867,632m	867,684m	
20+560,00	1028	193.108,6663	8.274.460,7532	868,575m	868,587m	
20+576,00	1028+16,00	193.122,7017	8.274.468,4347	869,378m	869,383m	PCV
20+580,00	1029	193.126,2106	8.274.470,3551	869,572m	869,580m	
20+600,00	1030	193.143,7549	8.274.479,9570	870,505m	870,499m	
20+620,00	1031	193.161,2992	8.274.489,5590	871,324m	871,310m	
20+640,00	1032	193.178,8435	8.274.499,1609	872,013m	872,012m	
20+660,00	1033	193.196,3878	8.274.508,7629	872,614m	872,605m	
20+680,00	1034	193.213,9321	8.274.518,3648	873,071m	873,089m	
20+700,00	1035	193.231,4764	8.274.527,9667	873,489m	873,465m	
20+720,00	1036	193.249,0207	8.274.537,5687	873,757m	873,732m	
20+726,00	1036+6,00	193.254,2840	8.274.540,4493	873,824m	873,791m	PIV
20+740,00	1037	193.266,5651	8.274.547,1706	873,901m	873,890m	
20+759,11	1037+19,11	193.283,3280	8.274.556,3449	873,942m	873,940m	PB
20+760,00	1038	193.284,1094	8.274.556,7726	873,943m	873,940m	
20+769,21	1038+9,21	193.292,1920	8.274.561,1962	873,918m	873,926m	TE
20+780,00	1039	193.301,6553	8.274.566,3716	873,879m	873,880m	
20+800,00	1040	193.319,2349	8.274.575,9087	873,625m	873,713m	
20+820,00	1041	193.336,9068	8.274.585,2734	873,402m	873,436m	
20+839,21	1041+19,21	193.354,0234	8.274.594,0020	873,046m	873,068m	EC
20+840,00	1042	193.354,7272	8.274.594,3519	873,033m	873,051m	
20+860,00	1043	193.372,7367	8.274.603,0491	872,581m	872,556m	
20+876,00	1043+16,00	193.387,2807	8.274.609,7174	872,082m	872,083m	PTV
20+880,00	1044	193.390,9350	8.274.611,3440	871,948m	871,956m	
20+900,00	1045	193.409,3132	8.274.619,2324	871,340m	871,320m	
20+920,00	1046	193.427,8621	8.274.626,7106	870,693m	870,685m	
20+923,91	1046+3,91	193.431,5050	8.274.628,1233	870,571m	870,561m	CE
20+940,00	1047	193.446,5687	8.274.633,7850	870,050m	870,049m	
20+960,00	1048	193.465,3938	8.274.640,5385	869,426m	869,414m	
20+980,00	1049	193.484,2906	8.274.647,0890	868,780m	868,779m	
20+993,91	1049+13,91	193.497,4502	8.274.651,5876	868,346m	868,337m	ET
20+999,00	1049+19,00	193.502,2699	8.274.653,2325	868,187m	868,175m	PCV
21+000,00	1050	193.503,2164	8.274.653,5555	868,156m	868,143m	
21+020,00	1051	193.522,1444	8.274.660,0152	867,568m	867,574m	
21+040,00	1052	193.541,0725	8.274.666,4750	867,006m	867,124m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
21+060,00	1053	193.560,0006	8.274.672,9347	866,733m	866,795m	
21+080,00	1054	193.578,9286	8.274.679,3945	866,543m	866,585m	
21+100,00	1055	193.597,8567	8.274.685,8542	866,448m	866,495m	
21+104,98	1055+4,98	193.602,5660	8.274.687,4614	866,425m	866,491m	
21+119,00	1055+19,00	193.615,8384	8.274.691,9909	866,480m	866,521m	PIV
21+120,00	1056	193.616,7848	8.274.692,3139	866,486m	866,525m	
21+140,00	1057	193.635,7128	8.274.698,7737	866,695m	866,675m	
21+160,00	1058	193.654,6409	8.274.705,2334	866,969m	866,945m	
21+180,00	1059	193.673,5690	8.274.711,6932	867,348m	867,335m	
21+200,00	1060	193.692,4970	8.274.718,1529	867,871m	867,845m	
21+220,00	1061	193.711,4251	8.274.724,6126	868,490m	868,475m	
21+239,00	1061+19,00	193.729,4068	8.274.730,7494	869,161m	869,184m	PTV
21+240,00	1062	193.730,3532	8.274.731,0724	869,196m	869,224m	
21+260,00	1063	193.749,2812	8.274.737,5321	869,998m	870,028m	
21+280,00	1064	193.768,2093	8.274.743,9918	870,830m	870,831m	
21+300,00	1065	193.787,1374	8.274.750,4516	871,617m	871,635m	
21+320,00	1066	193.806,0654	8.274.756,9113	872,380m	872,439m	
21+340,00	1067	193.824,9935	8.274.763,3711	873,174m	873,242m	
21+360,00	1068	193.843,9216	8.274.769,8308	873,941m	874,046m	
21+380,00	1069	193.862,8496	8.274.776,2905	874,821m	874,850m	
21+390,55	1069+10,55	193.872,8352	8.274.779,6984	875,278m	875,273m	TE
21+400,00	1070	193.881,7767	8.274.782,7532	875,700m	875,653m	
21+420,00	1071	193.900,6750	8.274.789,2995	876,496m	876,457m	
21+440,00	1072	193.919,4858	8.274.796,0924	877,320m	877,260m	
21+460,00	1073	193.938,1424	8.274.803,2969	878,135m	878,064m	
21+480,00	1074	193.956,5674	8.274.811,0736	878,916m	878,868m	
21+490,55	1074+10,55	193.966,1636	8.274.815,4594	879,285m	879,292m	EC
21+500,00	1075	193.974,6697	8.274.819,5734	879,603m	879,671m	
21+520,00	1076	193.992,3783	8.274.828,8652	880,432m	880,475m	
21+540,00	1077	194.009,6567	8.274.838,9347	881,244m	881,279m	
21+560,00	1078	194.026,4706	8.274.849,7618	882,049m	882,082m	
21+580,00	1079	194.042,7868	8.274.861,3253	882,825m	882,886m	
21+600,00	1080	194.058,5732	8.274.873,6023	883,699m	883,689m	
21+620,00	1081	194.073,7985	8.274.886,5686	884,437m	884,493m	
21+640,00	1082	194.088,4327	8.274.900,1985	885,250m	885,297m	
21+660,00	1083	194.102,4468	8.274.914,4651	886,069m	886,100m	
21+680,00	1084	194.115,8133	8.274.929,3404	886,882m	886,904m	
21+693,77	1084+13,77	194.124,6248	8.274.939,9191	887,464m	887,457m	CE
21+700,00	1085	194.128,5063	8.274.944,7942	887,726m	887,708m	
21+720,00	1086	194.140,5525	8.274.960,7580	888,526m	888,511m	
21+740,00	1087	194.152,0692	8.274.977,1085	889,346m	889,315m	
21+760,00	1088	194.163,1922	8.274.993,7298	890,144m	890,118m	
21+776,00	1088+16,00	194.171,9030	8.275.007,1506	890,789m	890,761m	PCV
21+780,00	1089	194.174,0645	8.275.010,5164	890,960m	890,923m	
21+793,77	1089+13,77	194.181,4804	8.275.022,1168	891,532m	891,499m	ET
21+800,00	1090	194.184,8332	8.275.027,3697	891,776m	891,769m	
21+820,00	1091	194.195,5938	8.275.044,2282	892,643m	892,675m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
21+840,00	1092	194.206,3544	8.275.061,0868	893,627m	893,641m	
21+846,00	1092+6,00	194.209,5825	8.275.066,1443	893,942m	893,943m	PIV
21+860,00	1093	194.217,1149	8.275.077,9453	894,689m	894,668m	
21+880,00	1094	194.227,8755	8.275.094,8038	895,814m	895,754m	
21+900,00	1095	194.238,6361	8.275.111,6624	896,976m	896,901m	
21+916,00	1095+16,00	194.247,2445	8.275.125,1492	897,932m	897,862m	PTV
21+920,00	1096	194.249,3966	8.275.128,5209	898,165m	898,107m	
21+940,00	1097	194.260,1572	8.275.145,3794	899,362m	899,332m	
21+960,00	1098	194.270,9178	8.275.162,2380	900,556m	900,557m	
21+980,00	1099	194.281,6783	8.275.179,0965	901,750m	901,782m	
22+000,00	1100	194.292,4389	8.275.195,9550	902,937m	903,007m	
22+020,00	1101	194.303,1995	8.275.212,8136	904,168m	904,232m	
22+040,00	1102	194.313,9600	8.275.229,6721	905,369m	905,457m	
22+060,00	1103	194.324,7206	8.275.246,5306	906,550m	906,682m	
22+080,00	1104	194.335,4812	8.275.263,3892	907,919m	907,907m	
22+100,00	1105	194.346,2417	8.275.280,2477	909,143m	909,132m	
22+120,00	1106	194.357,0023	8.275.297,1062	910,336m	910,357m	
22+130,00	1106+10,00	194.362,3826	8.275.305,5355	910,952m	910,969m	PCV
22+140,00	1107	194.367,7629	8.275.313,9648	911,542m	911,567m	
22+160,00	1108	194.378,5234	8.275.330,8233	912,664m	912,673m	
22+180,00	1109	194.389,2840	8.275.347,6818	913,624m	913,660m	
22+200,00	1110	194.400,0446	8.275.364,5404	914,519m	914,529m	
22+220,00	1111	194.410,8051	8.275.381,3989	915,247m	915,278m	
22+240,00	1112	194.421,5657	8.275.398,2575	915,835m	915,909m	
22+260,00	1113	194.432,3263	8.275.415,1160	916,351m	916,420m	
22+280,00	1114	194.443,0868	8.275.431,9745	916,722m	916,813m	
22+300,00	1115	194.453,8474	8.275.448,8331	916,985m	917,087m	
22+320,00	1116	194.464,6080	8.275.465,6916	917,138m	917,242m	
22+335,00	1116+15,00	194.472,6784	8.275.478,3355	917,205m	917,281m	PIV
22+336,09	1116+16,09	194.473,2663	8.275.479,2566	917,209m	917,281m	PB
22+340,00	1117	194.475,3685	8.275.482,5501	917,216m	917,279m	
22+360,00	1118	194.486,1291	8.275.499,4087	917,160m	917,196m	
22+380,00	1119	194.496,8897	8.275.516,2672	917,015m	916,994m	
22+384,83	1119+4,83	194.499,4900	8.275.520,3411	916,953m	916,928m	TE
22+400,00	1120	194.507,6304	8.275.533,1383	916,662m	916,674m	
22+420,00	1121	194.518,1633	8.275.550,1397	916,229m	916,235m	
22+440,00	1122	194.528,2093	8.275.567,4322	915,674m	915,676m	
22+460,00	1123	194.537,4759	8.275.585,1534	914,987m	914,999m	
22+464,83	1123+4,83	194.539,5637	8.275.589,5121	914,785m	914,818m	EC
22+480,00	1124	194.545,6727	8.275.603,3927	914,184m	914,203m	
22+500,00	1125	194.552,6773	8.275.622,1223	913,303m	913,289m	
22+520,00	1126	194.558,4598	8.275.641,2645	912,274m	912,255m	
22+540,00	1127	194.562,9961	8.275.660,7397	911,125m	911,102m	
22+560,00	1128	194.566,2674	8.275.680,4668	909,935m	909,890m	
22+580,00	1129	194.568,2600	8.275.700,3638	908,760m	908,678m	
22+600,00	1130	194.568,9658	8.275.720,3479	907,600m	907,466m	
22+620,00	1131	194.568,3816	8.275.740,3359	906,387m	906,254m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
22+640,00	1132	194.566,5100	8.275.760,2447	905,174m	905,042m	
22+660,00	1133	194.563,3588	8.275.779,9913	903,935m	903,830m	
22+662,55	1133+2,55	194.562,8665	8.275.782,4889	903,780m	903,676m	CE
22+680,00	1134	194.558,9758	8.275.799,5022	902,720m	902,618m	
22+700,00	1135	194.553,6143	8.275.818,7686	901,505m	901,406m	
22+720,00	1136	194.547,5948	8.275.837,8407	900,292m	900,194m	
22+740,00	1137	194.541,2294	8.275.856,8006	899,033m	898,982m	
22+742,55	1137+2,55	194.540,4100	8.275.859,2108	898,872m	898,828m	ET
22+760,00	1138	194.534,7912	8.275.875,7360	897,795m	897,770m	
22+780,00	1139	194.528,3529	8.275.894,6714	896,552m	896,558m	
22+800,00	1140	194.521,9146	8.275.913,6067	895,322m	895,346m	
22+817,50	1140+17,50	194.516,2804	8.275.930,1773	894,282m	894,285m	TE
22+820,00	1141	194.515,4766	8.275.932,5422	894,135m	894,134m	
22+840,00	1142	194.509,2339	8.275.951,5423	892,927m	892,922m	
22+857,00	1142+17,00	194.504,6310	8.275.967,9048	891,680m	891,892m	PCV
22+857,50	1142+17,50	194.504,5107	8.275.968,3925	891,644m	891,862m	EC
22+860,00	1143	194.503,9282	8.275.970,8213	891,515m	891,714m	
22+880,00	1144	194.500,2218	8.275.990,4685	890,762m	890,750m	
22+897,00	1144+17,00	194.498,4232	8.276.007,3692	890,300m	890,229m	PIV
22+900,00	1145	194.498,2357	8.276.010,3633	890,253m	890,164m	
22+909,05	1145+9,05	194.497,9069	8.276.019,4062	890,102m	889,989m	CE
22+920,00	1146	194.497,9612	8.276.030,3558	889,916m	889,823m	
22+940,00	1147	194.498,9357	8.276.050,3306	889,673m	889,652m	
22+949,05	1147+9,05	194.499,5577	8.276.059,3586	889,628m	889,630m	ET
22+950,25	1147+10,25	194.499,6418	8.276.060,5530	889,632m	889,630m	
22+957,00	1147+17,00	194.500,1160	8.276.067,2896	889,698m	889,639m	PTV
22+960,00	1148	194.500,3267	8.276.070,2822	889,719m	889,648m	
22+980,00	1149	194.501,7312	8.276.090,2328	889,833m	889,705m	
23+000,00	1150	194.503,1356	8.276.110,1834	889,766m	889,762m	
23+000,39	1150+0,39	194.503,1629	8.276.110,5711	889,767m	889,763m	TE
23+020,00	1151	194.504,6089	8.276.130,1290	889,800m	889,819m	
23+040,00	1152	194.506,5117	8.276.150,0374	889,863m	889,876m	
23+043,00	1152+3,00	194.506,8611	8.276.153,0170	889,887m	889,885m	PCV
23+060,00	1153	194.509,2787	8.276.169,8425	889,924m	889,960m	
23+070,39	1153+10,39	194.511,1988	8.276.180,0516	889,964m	890,032m	EC
23+080,00	1154	194.513,3278	8.276.189,4236	890,083m	890,115m	
23+093,00	1154+13,00	194.516,7557	8.276.201,9622	890,251m	890,256m	PIV
23+100,00	1155	194.518,8598	8.276.208,6382	890,424m	890,352m	
23+120,00	1156	194.525,8520	8.276.227,3709	890,701m	890,764m	
23+123,00	1156+3,00	194.527,0243	8.276.230,1323	890,777m	890,843m	PTV
23+140,00	1157	194.534,2631	8.276.245,5108	891,232m	891,305m	
23+160,00	1158	194.544,0433	8.276.262,9507	891,844m	891,848m	
23+180,00	1159	194.555,1348	8.276.279,5874	892,323m	892,391m	
23+184,85	1159+4,85	194.558,0146	8.276.283,4894	892,434m	892,523m	CE
23+200,00	1160	194.567,4474	8.276.295,3428	892,770m	892,935m	
23+220,00	1161	194.580,6873	8.276.310,3303	893,425m	893,478m	
23+240,00	1162	194.594,4923	8.276.324,8008	893,991m	893,927m	

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KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
23+254,85	1162+14,85	194.604,9117	8.276.335,3813	894,266m	894,139m	ET
23+260,00	1163	194.608,5329	8.276.339,0437	894,276m	894,188m	
23+277,69	1163+17,69	194.620,9709	8.276.351,6231	894,338m	894,261m	PB
23+280,00	1164	194.622,5949	8.276.353,2655	894,333m	894,260m	
23+300,00	1165	194.636,6569	8.276.367,4874	894,205m	894,144m	
23+320,00	1166	194.650,7188	8.276.381,7092	893,860m	893,840m	
23+340,00	1167	194.664,7808	8.276.395,9311	893,410m	893,347m	
23+360,00	1168	194.678,8428	8.276.410,1529	892,576m	892,666m	
23+380,00	1169	194.692,9048	8.276.424,3748	891,496m	891,797m	
23+395,91	1169+15,91	194.704,0893	8.276.435,6865	890,674m	891,031m	PC
23+400,00	1170	194.706,9637	8.276.438,5995	890,550m	890,833m	
23+420,00	1171	194.720,9251	8.276.452,9201	889,942m	889,870m	
23+440,00	1172	194.734,7426	8.276.467,3795	889,264m	888,906m	
23+460,00	1173	194.748,4147	8.276.481,9763	888,275m	887,943m	
23+480,00	1174	194.761,9403	8.276.496,7092	887,158m	886,979m	
23+496,39	1174+16,39	194.772,9110	8.276.508,8797	886,253m	886,190m	PT
23+500,00	1175	194.775,3202	8.276.511,5744	886,052m	886,016m	
23+520,00	1176	194.788,6502	8.276.526,4844	884,906m	885,052m	
23+540,00	1177	194.801,9803	8.276.541,3945	883,929m	884,089m	
23+555,00	1177+15,00	194.811,9778	8.276.552,5771	883,242m	883,366m	PCV
23+560,00	1178	194.815,3103	8.276.556,3046	883,013m	883,129m	
23+580,00	1179	194.828,6404	8.276.571,2146	882,130m	882,265m	
23+600,00	1180	194.841,9704	8.276.586,1247	881,409m	881,534m	
23+615,00	1180+15,00	194.851,9679	8.276.597,3073	881,159m	881,072m	PIV
23+620,00	1181	194.855,3005	8.276.601,0348	881,034m	880,932m	
23+640,00	1182	194.868,6305	8.276.615,9448	880,393m	880,403m	
23+660,00	1183	194.881,9605	8.276.630,8549	879,861m	879,921m	
23+680,00	1184	194.895,2906	8.276.645,7650	879,457m	879,486m	
23+700,00	1185	194.908,6206	8.276.660,6750	879,058m	879,100m	
23+715,00	1185+15,00	194.918,6181	8.276.671,8576	878,776m	878,841m	PTV
23+720,00	1186	194.921,9507	8.276.675,5851	878,725m	878,759m	
23+740,00	1187	194.935,2807	8.276.690,4952	878,428m	878,432m	
23+760,00	1188	194.948,6107	8.276.705,4052	878,121m	878,105m	
23+780,00	1189	194.961,9408	8.276.720,3153	877,810m	877,779m	
23+798,00	1189+18,00	194.973,9378	8.276.733,7343	877,476m	877,484m	PCV
23+800,00	1190	194.975,2708	8.276.735,2253	877,428m	877,451m	
23+820,00	1191	194.988,6009	8.276.750,1354	876,970m	877,018m	
23+833,08	1191+13,08	194.997,3203	8.276.759,8884	876,626m	876,638m	PC
23+840,00	1192	195.001,9181	8.276.765,0568	876,407m	876,407m	
23+860,00	1193	195.015,0669	8.276.780,1268	875,708m	875,619m	
23+878,00	1193+18,00	195.026,7157	8.276.793,8491	875,022m	874,759m	PIV
23+880,00	1194	195.027,9991	8.276.795,3830	874,934m	874,655m	
23+900,00	1195	195.040,7120	8.276.810,8224	873,734m	873,572m	
23+920,00	1196	195.053,2031	8.276.826,4418	871,893m	872,410m	
23+940,00	1197	195.065,4697	8.276.842,2381	870,815m	871,169m	
23+960,00	1198	195.077,5095	8.276.858,2080	869,623m	869,850m	
23+980,00	1199	195.089,3199	8.276.874,3483	868,303m	868,452m	

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KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
23+990,12	1199+10,12	195.095,2058	8.276.882,5764	867,624m	867,715m	PT
23+998,00	1199+18,00	195.099,7692	8.276.889,0046	867,072m	867,126m	PTV
24+000,00	1200	195.100,9270	8.276.890,6355	866,929m	866,975m	
24+020,00	1201	195.112,5043	8.276.906,9439	865,436m	865,467m	
24+040,00	1202	195.124,0817	8.276.923,2523	863,911m	863,959m	
24+060,00	1203	195.135,6590	8.276.939,5607	862,416m	862,450m	
24+080,00	1204	195.147,2364	8.276.955,8692	860,912m	860,942m	
24+100,00	1205	195.158,8137	8.276.972,1776	859,423m	859,433m	
24+120,00	1206	195.170,3911	8.276.988,4860	857,900m	857,925m	
24+140,00	1207	195.181,9685	8.277.004,7945	856,369m	856,417m	
24+160,00	1208	195.193,5458	8.277.021,1029	854,897m	854,908m	
24+163,00	1208+3,00	195.195,2824	8.277.023,5491	854,674m	854,682m	PCV
24+180,00	1209	195.205,1232	8.277.037,4113	853,406m	853,431m	
24+200,00	1210	195.216,7005	8.277.053,7197	852,011m	852,039m	
24+220,00	1211	195.228,2779	8.277.070,0282	850,757m	850,734m	
24+240,00	1212	195.239,8552	8.277.086,3366	849,524m	849,515m	
24+260,00	1213	195.251,4326	8.277.102,6450	848,371m	848,382m	
24+280,00	1214	195.263,0099	8.277.118,9535	847,330m	847,336m	
24+300,00	1215	195.274,5873	8.277.135,2619	846,359m	846,376m	
24+320,00	1216	195.286,1647	8.277.151,5703	845,494m	845,503m	
24+340,00	1217	195.297,7420	8.277.167,8787	844,664m	844,716m	
24+360,00	1218	195.309,3194	8.277.184,1872	843,938m	844,016m	
24+380,00	1219	195.320,8967	8.277.200,4956	843,352m	843,401m	
24+400,00	1220	195.332,4741	8.277.216,8040	842,867m	842,874m	
24+403,00	1220+3,00	195.334,2107	8.277.219,2503	842,799m	842,802m	PIV
24+420,00	1221	195.344,0514	8.277.233,1125	842,439m	842,435m	
24+440,00	1222	195.355,6288	8.277.249,4209	842,091m	842,091m	
24+460,00	1223	195.367,2061	8.277.265,7293	841,872m	841,840m	
24+480,00	1224	195.378,7835	8.277.282,0377	841,682m	841,684m	
24+500,00	1225	195.390,3608	8.277.298,3462	841,589m	841,621m	
24+503,25	1225+3,25	195.392,2447	8.277.300,9999	841,580m	841,620m	
24+520,00	1226	195.401,9382	8.277.314,6546	841,602m	841,653m	
24+540,00	1227	195.413,5156	8.277.330,9630	841,738m	841,779m	
24+560,00	1228	195.425,0929	8.277.347,2715	841,964m	841,999m	
24+580,00	1229	195.436,6703	8.277.363,5799	842,255m	842,313m	
24+600,00	1230	195.448,2476	8.277.379,8883	842,662m	842,721m	
24+616,20	1230+16,20	195.457,6237	8.277.393,0959	843,093m	843,120m	
24+620,00	1231	195.459,8125	8.277.396,2056	843,198m	843,223m	
24+633,00	1231+13,00	195.467,2951	8.277.406,8362	843,544m	843,600m	PTV
24+640,00	1232	195.471,3241	8.277.412,5604	843,752m	843,813m	
24+660,00	1233	195.482,8358	8.277.428,9153	844,361m	844,424m	
24+680,00	1234	195.494,3475	8.277.445,2702	845,016m	845,034m	
24+694,00	1234+14,00	195.502,4056	8.277.456,7186	845,469m	845,461m	PCV
24+700,00	1235	195.505,8591	8.277.461,6250	845,645m	845,639m	
24+720,00	1236	195.517,3708	8.277.477,9799	846,177m	846,158m	
24+740,00	1237	195.528,8824	8.277.494,3348	846,599m	846,564m	
24+760,00	1238	195.540,3941	8.277.510,6896	846,900m	846,855m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
24+780,00	1239	195.551,9058	8.277.527,0445	847,130m	847,032m	
24+800,00	1240	195.563,4174	8.277.543,3994	847,174m	847,096m	
24+801,16	1240+1,16	195.564,0862	8.277.544,3495	847,173m	847,096m	PB
24+820,00	1241	195.574,9291	8.277.559,7543	847,105m	847,046m	
24+840,00	1242	195.586,4407	8.277.576,1091	846,903m	846,881m	
24+854,00	1242+14,00	195.594,4989	8.277.587,5575	846,722m	846,699m	PIV
24+860,00	1243	195.597,9524	8.277.592,4640	846,621m	846,603m	
24+880,00	1244	195.609,4640	8.277.608,8189	846,256m	846,211m	
24+900,00	1245	195.620,9757	8.277.625,1737	845,751m	845,705m	
24+920,00	1246	195.632,4874	8.277.641,5286	845,086m	845,085m	
24+940,00	1247	195.643,9990	8.277.657,8835	844,360m	844,352m	
24+960,00	1248	195.655,5107	8.277.674,2383	843,531m	843,504m	
24+980,00	1249	195.667,0223	8.277.690,5932	842,577m	842,542m	
25+000,00	1250	195.678,5340	8.277.706,9481	841,480m	841,467m	
25+014,00	1250+14,00	195.686,5922	8.277.718,3965	840,665m	840,646m	PTV
25+020,00	1251	195.690,0457	8.277.723,3029	840,297m	840,283m	
25+040,00	1252	195.701,5573	8.277.739,6578	839,085m	839,071m	
25+060,00	1253	195.713,0690	8.277.756,0127	837,907m	837,858m	
25+080,00	1254	195.724,5806	8.277.772,3675	836,691m	836,646m	
25+086,76	1254+6,76	195.728,4734	8.277.777,8982	836,285m	836,236m	PC
25+100,00	1255	195.736,1102	8.277.788,7098	835,484m	835,434m	
25+120,00	1256	195.747,7166	8.277.804,9975	834,215m	834,222m	
25+135,40	1256+15,40	195.756,7108	8.277.817,5018	833,301m	833,288m	PT
25+140,00	1257	195.759,4023	8.277.821,2285	833,024m	833,010m	
25+160,00	1258	195.771,1119	8.277.837,4422	831,858m	831,798m	
25+169,00	1258+9,00	195.776,3813	8.277.844,7383	831,318m	831,252m	PCV
25+180,00	1259	195.782,8216	8.277.853,6559	830,683m	830,617m	
25+200,00	1260	195.794,5313	8.277.869,8695	829,675m	829,626m	
25+220,00	1261	195.806,2410	8.277.886,0832	828,916m	828,844m	
25+240,00	1262	195.817,9506	8.277.902,2969	828,358m	828,272m	
25+260,00	1263	195.829,6603	8.277.918,5106	828,031m	827,910m	
25+280,00	1264	195.841,3700	8.277.934,7243	827,834m	827,759m	
25+284,46	1264+4,46	195.843,9783	8.277.938,3359	827,814m	827,753m	
25+289,00	1264+9,00	195.846,6394	8.277.942,0204	827,814m	827,759m	PIV
25+300,00	1265	195.853,0797	8.277.950,9380	827,895m	827,817m	
25+320,00	1266	195.864,7894	8.277.967,1516	828,202m	828,085m	
25+340,00	1267	195.876,4990	8.277.983,3653	828,639m	828,563m	
25+355,78	1267+15,78	195.885,7388	8.277.996,1591	829,113m	829,089m	
25+360,00	1268	195.888,1836	8.277.999,5970	829,274m	829,251m	
25+380,00	1269	195.899,7744	8.278.015,8959	830,164m	830,149m	
25+400,00	1270	195.911,3651	8.278.032,1948	831,263m	831,258m	
25+409,00	1270+9,00	195.916,5809	8.278.039,5293	831,798m	831,825m	PTV
25+420,00	1271	195.922,9558	8.278.048,4937	832,494m	832,544m	
25+440,00	1272	195.934,5466	8.278.064,7927	833,784m	833,851m	
25+460,00	1273	195.946,1373	8.278.081,0916	835,071m	835,159m	
25+480,00	1274	195.957,7280	8.278.097,3905	836,403m	836,467m	
25+500,00	1275	195.969,3188	8.278.113,6894	837,730m	837,774m	

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KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
25+520,00	1276	195.980,9095	8.278.129,9883	839,031m	839,082m	
25+540,00	1277	195.992,5003	8.278.146,2873	840,308m	840,389m	
25+560,00	1278	196.004,0910	8.278.162,5862	841,616m	841,697m	
25+580,00	1279	196.015,6817	8.278.178,8851	843,038m	843,005m	
25+600,00	1280	196.027,2725	8.278.195,1840	844,341m	844,312m	
25+620,00	1281	196.038,8632	8.278.211,4829	845,644m	845,620m	
25+640,00	1282	196.050,4539	8.278.227,7819	846,939m	846,927m	
25+660,00	1283	196.062,0447	8.278.244,0808	848,257m	848,235m	
25+672,00	1283+12,00	196.068,9991	8.278.253,8601	849,031m	849,020m	PCV
25+680,00	1284	196.073,6354	8.278.260,3797	849,537m	849,537m	
25+700,00	1285	196.085,2262	8.278.276,6786	850,785m	850,779m	
25+720,00	1286	196.096,8169	8.278.292,9775	851,946m	851,948m	
25+740,00	1287	196.108,4076	8.278.309,2765	853,021m	853,044m	
25+760,00	1288	196.119,9984	8.278.325,5754	854,049m	854,068m	
25+780,00	1289	196.131,5891	8.278.341,8743	855,014m	855,019m	
25+800,00	1290	196.143,1798	8.278.358,1732	855,933m	855,897m	
25+807,00	1290+7,00	196.147,2366	8.278.363,8778	856,235m	856,187m	PIV
25+820,00	1291	196.154,7706	8.278.374,4721	856,738m	856,702m	
25+840,00	1292	196.166,3613	8.278.390,7711	857,449m	857,434m	
25+860,00	1293	196.177,9521	8.278.407,0700	858,125m	858,094m	
25+880,00	1294	196.189,5428	8.278.423,3689	858,721m	858,680m	
25+900,00	1295	196.201,1335	8.278.439,6678	859,233m	859,194m	
25+920,00	1296	196.212,7243	8.278.455,9667	859,682m	859,635m	
25+940,00	1297	196.224,3150	8.278.472,2657	860,043m	860,003m	
25+942,00	1297+2,00	196.225,4741	8.278.473,8956	860,075m	860,036m	PTV
25+960,00	1298	196.235,9057	8.278.488,5646	860,374m	860,328m	
25+980,00	1299	196.247,4965	8.278.504,8635	860,702m	860,652m	
26+000,00	1300	196.259,0872	8.278.521,1624	860,991m	860,977m	
26+020,00	1301	196.270,6780	8.278.537,4613	861,296m	861,301m	
26+040,00	1302	196.282,2687	8.278.553,7603	861,565m	861,626m	
26+060,00	1303	196.293,8594	8.278.570,0592	862,042m	861,950m	
26+067,00	1303+7,00	196.297,9162	8.278.575,7638	862,146m	862,064m	PCV
26+080,00	1304	196.305,4502	8.278.586,3581	862,336m	862,297m	
26+100,00	1305	196.317,0409	8.278.602,6570	862,742m	862,743m	
26+120,00	1306	196.328,6316	8.278.618,9560	863,290m	863,295m	
26+140,00	1307	196.340,2224	8.278.635,2549	863,926m	863,953m	
26+147,00	1307+7,00	196.344,2791	8.278.640,9595	864,173m	864,208m	PIV
26+151,57	1307+11,57	196.346,9278	8.278.644,6841	864,343m	864,381m	TE
26+160,00	1308	196.351,8116	8.278.651,5549	864,688m	864,716m	
26+180,00	1309	196.363,3460	8.278.667,8937	865,547m	865,586m	
26+200,00	1310	196.374,7076	8.278.684,3529	866,520m	866,561m	
26+220,00	1311	196.385,7720	8.278.701,0131	867,609m	867,642m	
26+227,00	1311+7,00	196.389,5507	8.278.706,9056	868,023m	868,045m	PTV
26+238,00	1311+18,00	196.395,3696	8.278.716,2403	868,673m	868,689m	PCV
26+240,00	1312	196.396,4105	8.278.717,9481	868,790m	868,806m	
26+260,00	1313	196.406,4886	8.278.735,2220	869,896m	869,927m	
26+271,57	1313+11,57	196.412,0079	8.278.745,3909	870,483m	870,538m	EC

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KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
26+280,00	1314	196.415,8665	8.278.752,8854	870,925m	870,966m	
26+300,00	1315	196.424,4545	8.278.770,9458	871,870m	871,921m	
26+320,00	1316	196.432,2317	8.278.789,3700	872,786m	872,794m	
26+340,00	1317	196.439,1826	8.278.808,1215	873,591m	873,583m	
26+360,00	1318	196.445,2936	8.278.827,1633	874,288m	874,290m	
26+380,00	1319	196.450,5525	8.278.846,4578	874,894m	874,913m	
26+400,00	1320	196.454,9489	8.278.865,9669	875,427m	875,454m	
26+418,00	1320+18,00	196.458,1611	8.278.883,6767	875,810m	875,869m	PIV
26+420,00	1321	196.458,4742	8.278.885,6521	875,851m	875,911m	
26+440,00	1322	196.461,1214	8.278.905,4745	876,233m	876,286m	
26+460,00	1323	196.462,8853	8.278.925,3949	876,485m	876,578m	
26+480,00	1324	196.463,7624	8.278.945,3740	876,722m	876,787m	
26+500,00	1325	196.463,7509	8.278.965,3723	876,848m	876,913m	
26+520,00	1326	196.462,8510	8.278.985,3504	877,007m	876,956m	
26+520,36	1326+0,36	196.462,8269	8.278.985,7055	877,006m	876,956m	PB
26+524,14	1326+4,14	196.462,5540	8.278.989,4779	876,994m	876,954m	CE
26+540,00	1327	196.461,0765	8.279.005,2701	876,952m	876,916m	
26+560,00	1328	196.458,5355	8.279.025,1070	876,828m	876,793m	
26+580,00	1329	196.455,3775	8.279.044,8554	876,604m	876,587m	
26+598,00	1329+18,00	196.452,1308	8.279.062,5599	876,333m	876,331m	PTV
26+600,00	1330	196.451,7513	8.279.064,5236	876,304m	876,298m	
26+620,00	1331	196.447,8041	8.279.084,1301	875,993m	875,976m	
26+640,00	1332	196.443,6817	8.279.103,7006	875,664m	875,654m	
26+644,14	1332+4,14	196.442,8202	8.279.107,7481	875,597m	875,588m	ET
26+660,00	1333	196.439,5172	8.279.123,2622	875,347m	875,332m	
26+680,00	1334	196.435,3526	8.279.142,8238	875,024m	875,010m	
26+684,99	1334+4,99	196.434,3136	8.279.147,7038	874,950m	874,930m	PCV
26+700,00	1335	196.431,1879	8.279.162,3854	874,728m	874,739m	
26+720,00	1336	196.427,0232	8.279.181,9470	874,618m	874,644m	
26+720,56	1336+0,56	196.426,9071	8.279.182,4926	874,620m	874,644m	
26+740,00	1337	196.422,8586	8.279.201,5086	874,701m	874,729m	
26+760,00	1338	196.418,6939	8.279.221,0701	874,974m	874,996m	
26+769,99	1338+9,99	196.416,6138	8.279.230,8405	875,185m	875,197m	PIV
26+780,00	1339	196.414,5292	8.279.240,6317	875,421m	875,443m	
26+800,00	1340	196.410,3646	8.279.260,1933	876,044m	876,072m	
26+820,00	1341	196.406,1999	8.279.279,7549	876,884m	876,882m	
26+840,00	1342	196.402,0353	8.279.299,3165	877,909m	877,873m	
26+854,99	1342+14,99	196.398,9140	8.279.313,9773	878,761m	878,734m	PTV
26+860,00	1343	196.397,8706	8.279.318,8781	879,055m	879,039m	
26+880,00	1344	196.393,7059	8.279.338,4397	880,259m	880,256m	
26+900,00	1345	196.389,5413	8.279.358,0012	881,471m	881,473m	
26+920,00	1346	196.385,3766	8.279.377,5628	882,709m	882,690m	
26+940,00	1347	196.381,2120	8.279.397,1244	883,892m	883,907m	
26+960,00	1348	196.377,0473	8.279.416,6860	885,093m	885,124m	
26+980,00	1349	196.372,8826	8.279.436,2476	886,311m	886,341m	
26+986,71	1349+6,71	196.371,4851	8.279.442,8120	886,717m	886,750m	PC
27+000,00	1350	196.368,7703	8.279.455,8202	887,520m	887,559m	

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KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
27+020,00	1351	196.364,8822	8.279.475,4385	888,756m	888,776m	
27+040,00	1352	196.361,2321	8.279.495,1024	890,075m	889,993m	
27+060,00	1353	196.357,8207	8.279.514,8092	891,264m	891,210m	
27+074,00	1353+14,00	196.355,5749	8.279.528,6279	892,087m	892,062m	PCV
27+080,00	1354	196.354,6484	8.279.534,5559	892,421m	892,417m	
27+100,00	1355	196.351,7156	8.279.554,3396	893,421m	893,456m	
27+120,00	1356	196.349,0229	8.279.574,1574	894,236m	894,274m	
27+140,00	1357	196.346,5705	8.279.594,0063	894,813m	894,869m	
27+160,00	1358	196.344,3590	8.279.613,8835	895,201m	895,243m	
27+180,00	1359	196.342,3885	8.279.633,7861	895,397m	895,394m	
27+183,64	1359+3,64	196.342,0563	8.279.637,4061	895,410m	895,398m	PB
27+194,00	1359+14,00	196.341,1528	8.279.647,7314	895,439m	895,368m	PIV
27+200,00	1360	196.340,6594	8.279.653,7111	895,415m	895,327m	
27+220,00	1361	196.339,1720	8.279.673,6556	895,195m	895,098m	
27+240,00	1362	196.337,9264	8.279.693,6166	894,778m	894,727m	
27+260,00	1363	196.336,9228	8.279.713,5913	894,169m	894,214m	
27+280,00	1364	196.336,1614	8.279.733,5767	893,342m	893,559m	
27+300,00	1365	196.335,6424	8.279.753,5698	892,495m	892,762m	
27+320,00	1366	196.335,3657	8.279.773,5678	891,714m	891,823m	
27+340,00	1367	196.335,3314	8.279.793,5677	890,641m	890,742m	
27+344,00	1367+4,00	196.335,3536	8.279.797,5676	890,394m	890,508m	PTV
27+360,00	1368	196.335,5395	8.279.813,5665	889,628m	889,564m	
27+380,00	1369	196.335,9900	8.279.833,5613	888,425m	888,383m	
27+400,00	1370	196.336,6829	8.279.853,5491	887,205m	887,202m	
27+420,00	1371	196.337,6179	8.279.873,5271	885,984m	886,021m	
27+440,00	1372	196.338,7951	8.279.893,4923	884,843m	884,841m	
27+447,00	1372+7,00	196.339,2642	8.279.900,4766	884,467m	884,427m	PCV
27+460,00	1373	196.340,2141	8.279.913,4418	883,831m	883,733m	
27+463,69	1373+3,69	196.340,5024	8.279.917,1211	883,668m	883,562m	PT
27+480,00	1374	196.341,7945	8.279.933,3793	883,023m	882,949m	
27+497,00	1374+17,00	196.343,1414	8.279.950,3258	882,478m	882,553m	PIV
27+500,00	1375	196.343,3791	8.279.953,3164	882,402m	882,509m	
27+515,48	1375+15,48	196.344,6058	8.279.968,7515	882,065m	882,406m	
27+520,00	1376	196.344,9636	8.279.973,2535	882,064m	882,415m	
27+540,00	1377	196.346,5482	8.279.993,1907	882,582m	882,665m	
27+547,00	1377+7,00	196.347,1027	8.280.000,1687	882,816m	882,834m	PTV
27+560,00	1378	196.348,1327	8.280.013,1278	882,532m	883,187m	
27+580,00	1379	196.349,7172	8.280.033,0649	883,631m	883,731m	
27+595,00	1379+15,00	196.350,9056	8.280.048,0178	884,068m	884,138m	PCV
27+600,00	1380	196.351,3018	8.280.053,0021	884,190m	884,269m	
27+620,00	1381	196.352,8863	8.280.072,9392	884,612m	884,685m	
27+640,00	1382	196.354,4709	8.280.092,8763	884,835m	884,933m	
27+659,31	1382+19,31	196.356,0009	8.280.112,1273	884,941m	885,012m	PB
27+660,00	1383	196.356,0554	8.280.112,8135	884,942m	885,012m	
27+680,00	1384	196.357,6399	8.280.132,7506	884,869m	884,921m	
27+700,00	1385	196.359,2245	8.280.152,6877	884,633m	884,662m	
27+710,00	1385+10,00	196.360,0167	8.280.162,6563	884,462m	884,469m	PIV

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
27+720,00	1386	196.360,8090	8.280.172,6249	884,236m	884,234m	
27+740,00	1387	196.362,3935	8.280.192,5620	883,669m	883,636m	
27+760,00	1388	196.363,9781	8.280.212,4991	882,894m	882,870m	
27+780,00	1389	196.365,5626	8.280.232,4363	882,016m	881,935m	
27+800,00	1390	196.367,1472	8.280.252,3734	880,932m	880,831m	
27+820,00	1391	196.368,7317	8.280.272,3105	879,713m	879,558m	
27+825,00	1391+5,00	196.369,1278	8.280.277,2948	879,392m	879,213m	PTV
27+840,00	1392	196.370,3162	8.280.292,2476	878,382m	878,163m	
27+860,00	1393	196.371,9008	8.280.312,1848	876,933m	876,763m	
27+880,00	1394	196.373,4853	8.280.332,1219	875,486m	875,363m	
27+900,00	1395	196.375,0699	8.280.352,0590	874,083m	873,963m	
27+920,00	1396	196.376,6544	8.280.371,9962	872,678m	872,563m	
27+940,00	1397	196.378,2389	8.280.391,9333	871,291m	871,163m	
27+960,00	1398	196.379,8235	8.280.411,8704	869,892m	869,763m	
27+965,00	1398+5,00	196.380,2196	8.280.416,8547	869,548m	869,413m	PCV
27+980,00	1399	196.381,4080	8.280.431,8076	868,529m	868,377m	
28+000,00	1400	196.382,9926	8.280.451,7447	867,201m	867,038m	
28+020,00	1401	196.384,5771	8.280.471,6818	865,806m	865,748m	
28+040,00	1402	196.386,1616	8.280.491,6190	864,543m	864,507m	
28+060,00	1403	196.387,7462	8.280.511,5561	863,340m	863,315m	
28+080,00	1404	196.389,3307	8.280.531,4932	862,222m	862,172m	
28+100,00	1405	196.390,9153	8.280.551,4304	861,132m	861,078m	
28+120,00	1406	196.392,4998	8.280.571,3675	860,102m	860,033m	
28+140,00	1407	196.394,0843	8.280.591,3046	859,144m	859,036m	
28+160,00	1408	196.395,6689	8.280.611,2418	858,134m	858,089m	
28+165,00	1408+5,00	196.396,0650	8.280.616,2260	857,898m	857,860m	PIV
28+180,00	1409	196.397,2534	8.280.631,1789	857,261m	857,190m	
28+200,00	1410	196.398,8380	8.280.651,1160	856,394m	856,341m	
28+220,00	1411	196.400,4225	8.280.671,0532	855,595m	855,540m	
28+240,00	1412	196.402,0070	8.280.690,9903	854,866m	854,789m	
28+260,00	1413	196.403,5916	8.280.710,9274	854,183m	854,086m	
28+260,91	1413+0,91	196.403,6638	8.280.711,8362	854,154m	854,055m	TE
28+280,00	1414	196.405,2521	8.280.730,8582	853,499m	853,432m	
28+300,00	1415	196.407,4126	8.280.750,7400	852,931m	852,827m	
28+320,00	1416	196.410,5919	8.280.770,4821	852,383m	852,271m	
28+340,00	1417	196.415,2942	8.280.789,9144	851,860m	851,764m	
28+340,91	1417+0,91	196.415,5526	8.280.790,7886	851,835m	851,742m	EC
28+360,00	1418	196.421,9169	8.280.808,7762	851,458m	851,306m	
28+365,00	1418+5,00	196.423,8799	8.280.813,3747	851,339m	851,199m	PTV
28+380,00	1419	196.430,4848	8.280.826,8379	851,023m	850,883m	
28+400,00	1420	196.440,9030	8.280.843,8993	850,602m	850,461m	
28+405,00	1420+5,00	196.443,7835	8.280.847,9860	850,491m	850,356m	PCV
28+420,00	1421	196.453,0561	8.280.859,7717	850,079m	850,027m	
28+440,00	1422	196.466,8096	8.280.874,2793	849,538m	849,548m	
28+460,00	1423	196.482,0113	8.280.887,2615	849,044m	849,024m	
28+480,00	1424	196.498,4930	8.280.898,5747	848,463m	848,454m	
28+500,00	1425	196.516,0720	8.280.908,0935	847,869m	847,839m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
28+505,00	1425+5,00	196.520,6157	8.280.910,1801	847,704m	847,677m	PIV
28+520,00	1426	196.534,5539	8.280.915,7126	847,206m	847,177m	
28+539,29	1426+19,29	196.553,0402	8.280.921,1816	846,542m	846,496m	CE
28+540,00	1427	196.553,7340	8.280.921,3477	846,516m	846,470m	
28+560,00	1428	196.573,3845	8.280.925,0326	845,753m	845,718m	
28+580,00	1429	196.593,2659	8.280.927,1753	844,990m	844,919m	
28+600,00	1430	196.613,2337	8.280.928,2879	844,188m	844,075m	
28+605,00	1430+5,00	196.618,2305	8.280.928,4663	843,979m	843,857m	PTV
28+619,29	1430+19,29	196.632,5112	8.280.928,8748	843,345m	843,229m	ET
28+620,00	1431	196.633,2244	8.280.928,8936	843,311m	843,198m	
28+640,00	1432	196.653,2174	8.280.929,4206	842,412m	842,320m	
28+660,00	1433	196.673,2105	8.280.929,9476	841,485m	841,441m	
28+680,00	1434	196.693,2035	8.280.930,4747	840,599m	840,563m	
28+700,00	1435	196.713,1966	8.280.931,0017	839,703m	839,685m	
28+720,00	1436	196.733,1896	8.280.931,5287	838,825m	838,806m	
28+726,07	1436+6,07	196.739,2532	8.280.931,6886	838,554m	838,540m	TE
28+740,00	1437	196.753,1825	8.280.932,0618	837,896m	837,928m	
28+760,00	1438	196.773,1733	8.280.932,6694	837,031m	837,050m	
28+778,00	1438+18,00	196.791,1596	8.280.933,3674	836,280m	836,259m	PCV
28+780,00	1439	196.793,1576	8.280.933,4574	836,208m	836,172m	
28+800,00	1440	196.813,1285	8.280.934,5319	835,464m	835,390m	
28+806,07	1440+6,07	196.819,1811	8.280.934,9305	835,273m	835,185m	EC
28+820,00	1441	196.833,0747	8.280.935,9930	834,904m	834,769m	
28+840,00	1442	196.852,9853	8.280.937,8775	834,438m	834,309m	
28+860,00	1443	196.872,8513	8.280.940,1853	834,081m	834,009m	
28+878,00	1443+18,00	196.890,6852	8.280.942,6232	833,858m	833,877m	PIV
28+880,00	1444	196.892,6638	8.280.942,9151	833,788m	833,870m	
28+887,27	1444+7,27	196.899,8475	8.280.944,0113	833,055m	833,860m	
28+900,00	1445	196.912,4137	8.280.946,0659	831,859m	833,892m	
28+920,00	1446	196.932,0920	8.280.949,6361	831,984m	834,075m	
28+940,00	1447	196.951,6900	8.280.953,6242	833,254m	834,419m	
28+960,00	1448	196.971,1987	8.280.958,0283	834,745m	834,923m	
28+978,00	1448+18,00	196.988,6729	8.280.962,3461	835,341m	835,514m	PTV
28+980,00	1449	196.990,6093	8.280.962,8465	835,406m	835,587m	
29+000,00	1450	197.009,9129	8.280.968,0765	836,135m	836,317m	
29+020,00	1451	197.029,1010	8.280.973,7160	836,948m	837,046m	
29+040,00	1452	197.048,1647	8.280.979,7625	837,746m	837,775m	
29+047,00	1452+7,00	197.054,8060	8.280.981,9744	838,009m	838,031m	PCV
29+060,00	1453	197.067,0954	8.280.986,2132	838,456m	838,487m	
29+072,12	1453+12,12	197.078,5000	8.280.990,3181	838,885m	838,883m	CE
29+080,00	1454	197.085,8850	8.280.993,0642	839,142m	839,123m	
29+100,00	1455	197.104,5413	8.281.000,2706	839,728m	839,678m	
29+120,00	1456	197.123,0961	8.281.007,7351	840,185m	840,151m	
29+140,00	1457	197.141,5864	8.281.015,3577	840,587m	840,543m	
29+152,12	1457+12,12	197.152,7779	8.281.020,0127	840,794m	840,741m	ET
29+160,00	1458	197.160,0517	8.281.023,0410	840,909m	840,853m	
29+180,00	1459	197.178,5155	8.281.030,7279	841,111m	841,083m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
29+197,00	1459+17,00	197.194,2097	8.281.037,2618	841,239m	841,213m	PIV
29+200,00	1460	197.196,9793	8.281.038,4148	841,258m	841,230m	
29+220,00	1461	197.215,4431	8.281.046,1017	841,323m	841,297m	
29+226,37	1461+6,37	197.221,3217	8.281.048,5491	841,328m	841,301m	PB
29+240,00	1462	197.233,9069	8.281.053,7886	841,294m	841,282m	
29+260,00	1463	197.252,3707	8.281.061,4755	841,231m	841,186m	
29+280,00	1464	197.270,8345	8.281.069,1625	841,039m	841,009m	
29+300,00	1465	197.289,2982	8.281.076,8494	840,778m	840,750m	
29+320,00	1466	197.307,7620	8.281.084,5363	840,430m	840,410m	
29+340,00	1467	197.326,2258	8.281.092,2232	840,011m	839,989m	
29+347,00	1467+7,00	197.332,6881	8.281.094,9136	839,858m	839,822m	PTV
29+360,00	1468	197.344,6896	8.281.099,9101	839,545m	839,503m	
29+380,00	1469	197.363,1534	8.281.107,5970	839,023m	839,012m	
29+400,00	1470	197.381,6172	8.281.115,2839	838,576m	838,522m	
29+420,00	1471	197.400,0810	8.281.122,9708	838,067m	838,031m	
29+440,00	1472	197.418,5448	8.281.130,6577	837,570m	837,541m	
29+460,00	1473	197.437,0085	8.281.138,3446	837,043m	837,050m	
29+480,00	1474	197.455,4723	8.281.146,0315	836,575m	836,560m	
29+500,00	1475	197.473,9361	8.281.153,7184	836,082m	836,069m	
29+520,00	1476	197.492,3999	8.281.161,4054	835,572m	835,579m	
29+540,00	1477	197.510,8637	8.281.169,0923	835,061m	835,088m	
29+560,00	1478	197.529,3275	8.281.176,7792	834,555m	834,598m	
29+580,00	1479	197.547,7913	8.281.184,4661	834,102m	834,107m	
29+600,00	1480	197.566,2551	8.281.192,1530	833,587m	833,617m	
29+605,00	1480+5,00	197.570,8710	8.281.194,0747	833,446m	833,494m	PCV
29+620,00	1481	197.584,7188	8.281.199,8399	833,039m	833,098m	
29+640,00	1482	197.603,1826	8.281.207,5268	832,241m	832,482m	
29+660,00	1483	197.621,6464	8.281.215,2137	831,579m	831,765m	
29+680,00	1484	197.640,1102	8.281.222,9006	830,817m	830,948m	
29+700,00	1485	197.658,5740	8.281.230,5875	829,921m	830,030m	
29+720,00	1486	197.677,0378	8.281.238,2744	828,923m	829,012m	
29+735,00	1486+15,00	197.690,8856	8.281.244,0396	828,127m	828,182m	PIV
29+740,00	1487	197.695,5016	8.281.245,9613	827,861m	827,893m	
29+760,00	1488	197.713,9654	8.281.253,6483	826,717m	826,673m	
29+780,00	1489	197.732,4291	8.281.261,3352	825,444m	825,353m	
29+800,00	1490	197.750,8929	8.281.269,0221	824,116m	823,933m	
29+820,00	1491	197.769,3567	8.281.276,7090	822,664m	822,412m	
29+840,00	1492	197.787,8205	8.281.284,3959	821,122m	820,790m	
29+860,00	1493	197.806,2843	8.281.292,0828	819,464m	819,068m	
29+865,00	1493+5,00	197.810,9002	8.281.294,0045	819,045m	818,622m	PTV
29+880,00	1494	197.824,7481	8.281.299,7697	817,768m	817,274m	
29+900,00	1495	197.843,2119	8.281.307,4566	815,980m	815,476m	
29+920,00	1496	197.861,6757	8.281.315,1435	814,118m	813,679m	
29+940,00	1497	197.880,1394	8.281.322,8304	812,153m	811,881m	
29+960,00	1498	197.898,6032	8.281.330,5173	810,113m	810,084m	
29+980,00	1499	197.917,0670	8.281.338,2042	809,128m	808,286m	
30+000,00	1500	197.935,5308	8.281.345,8912	807,138m	806,488m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
30+020,00	1501	197.953,9946	8.281.353,5781	805,140m	804,691m	
30+040,00	1502	197.972,4584	8.281.361,2650	803,206m	802,893m	
30+060,00	1503	197.990,9222	8.281.368,9519	801,304m	801,096m	
30+080,00	1504	198.009,3860	8.281.376,6388	799,421m	799,298m	
30+095,00	1504+15,00	198.023,2338	8.281.382,4040	798,085m	797,950m	PCV
30+100,00	1505	198.027,8497	8.281.384,3257	797,639m	797,503m	
30+120,00	1506	198.046,3135	8.281.392,0126	795,917m	795,758m	
30+140,00	1507	198.064,7773	8.281.399,6995	794,229m	794,083m	
30+145,00	1507+5,00	198.069,3933	8.281.401,6212	793,823m	793,675m	PIV
30+160,00	1508	198.083,2411	8.281.407,3864	792,582m	792,478m	
30+178,69	1508+18,69	198.100,4935	8.281.414,5690	791,181m	791,042m	
30+180,00	1509	198.101,7037	8.281.415,0761	791,084m	790,943m	
30+195,00	1509+15,00	198.115,5385	8.281.420,8725	789,997m	789,838m	PTV
30+200,00	1510	198.120,1501	8.281.422,8047	789,635m	789,476m	
30+220,00	1511	198.138,5965	8.281.430,5333	788,184m	788,029m	
30+240,00	1512	198.157,0429	8.281.438,2619	786,712m	786,581m	
30+260,00	1513	198.175,4892	8.281.445,9905	785,274m	785,134m	
30+280,00	1514	198.193,9356	8.281.453,7191	783,848m	783,687m	
30+300,00	1515	198.212,3820	8.281.461,4477	782,455m	782,239m	
30+320,00	1516	198.230,8283	8.281.469,1763	780,990m	780,792m	
30+340,00	1517	198.249,2747	8.281.476,9050	779,526m	779,344m	
30+360,00	1518	198.267,7211	8.281.484,6336	778,050m	777,897m	
30+380,00	1519	198.286,1674	8.281.492,3622	776,580m	776,450m	
30+400,00	1520	198.304,6138	8.281.500,0908	775,132m	775,002m	
30+420,00	1521	198.323,0602	8.281.507,8194	773,659m	773,555m	
30+440,00	1522	198.341,5066	8.281.515,5480	772,152m	772,108m	
30+455,00	1522+15,00	198.355,3413	8.281.521,3445	771,073m	771,022m	PCV
30+460,00	1523	198.359,9529	8.281.523,2766	770,733m	770,671m	
30+480,00	1524	198.378,3993	8.281.531,0052	769,501m	769,484m	
30+495,00	1524+15,00	198.392,2341	8.281.536,8017	768,699m	768,821m	PIV
30+500,00	1525	198.396,8457	8.281.538,7338	768,467m	768,643m	
30+513,99	1525+13,99	198.409,7449	8.281.544,1383	767,917m	768,262m	PC
30+520,00	1526	198.415,2934	8.281.546,4591	767,723m	768,150m	
30+535,00	1526+15,00	198.429,1438	8.281.552,2182	767,319m	768,007m	PTV
30+540,00	1527	198.433,7645	8.281.554,1286	767,218m	767,992m	
30+560,00	1528	198.452,2660	8.281.561,7241	767,305m	767,932m	
30+573,00	1528+13,00	198.464,3066	8.281.566,6209	767,705m	767,893m	PT
30+580,00	1529	198.470,7959	8.281.569,2502	763,593m	767,872m	
30+600,00	1530	198.489,3322	8.281.576,7605	764,809m	767,812m	
30+620,00	1531	198.507,8685	8.281.584,2709	767,741m	767,752m	
30+640,00	1532	198.526,4048	8.281.591,7812	767,681m	767,692m	
30+647,39	1532+7,39	198.533,2534	8.281.594,5561	767,647m	767,670m	TE
30+660,00	1533	198.544,9425	8.281.599,2883	767,597m	767,632m	
30+680,00	1534	198.563,5004	8.281.606,7449	767,578m	767,572m	
30+700,00	1535	198.582,1096	8.281.614,0726	767,523m	767,512m	
30+720,00	1536	198.600,7996	8.281.621,1915	767,454m	767,452m	
30+725,00	1536+5,00	198.605,4880	8.281.622,9291	767,449m	767,437m	PCV

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
30+736,05	1536+16,05	198.615,8751	8.281.626,6988	767,431m	767,420m	
30+740,00	1537	198.619,5973	8.281.628,0208	767,441m	767,422m	
30+747,39	1537+7,39	198.626,5744	8.281.630,4543	767,459m	767,437m	EC
30+760,00	1538	198.638,5245	8.281.634,4817	767,511m	767,498m	
30+780,00	1539	198.657,5848	8.281.640,5391	767,684m	767,682m	
30+800,00	1540	198.676,7696	8.281.646,1896	767,992m	767,976m	
30+820,00	1541	198.696,0702	8.281.651,4308	768,373m	768,378m	
30+840,00	1542	198.715,4780	8.281.656,2601	768,869m	768,888m	
30+860,00	1543	198.734,9842	8.281.660,6754	769,502m	769,508m	
30+880,00	1544	198.754,5798	8.281.664,6747	770,233m	770,236m	
30+890,00	1544+10,00	198.764,4085	8.281.666,5178	770,637m	770,641m	PIV
30+900,00	1545	198.774,2562	8.281.668,2562	771,072m	771,073m	
30+920,00	1546	198.794,0042	8.281.671,4183	772,046m	772,018m	
30+940,00	1547	198.813,8151	8.281.674,1596	773,115m	773,073m	
30+960,00	1548	198.833,6798	8.281.676,4787	774,156m	774,236m	
30+980,00	1549	198.853,5893	8.281.678,3747	775,211m	775,508m	
31+000,00	1550	198.873,5347	8.281.679,8467	776,657m	776,888m	
31+020,00	1551	198.893,5069	8.281.680,8941	778,187m	778,377m	
31+040,00	1552	198.913,4969	8.281.681,5162	779,833m	779,975m	
31+055,00	1552+15,00	198.928,4955	8.281.681,7037	781,126m	781,245m	PTV
31+060,00	1553	198.933,4955	8.281.681,7130	781,553m	781,678m	
31+080,00	1554	198.953,4938	8.281.681,4842	783,254m	783,412m	
31+100,00	1555	198.973,4827	8.281.680,8301	784,957m	785,146m	
31+120,00	1556	198.993,4532	8.281.679,7508	786,643m	786,880m	
31+140,00	1557	199.013,3962	8.281.678,2469	788,379m	788,614m	
31+160,00	1558	199.033,3027	8.281.676,3190	790,145m	790,347m	
31+175,00	1558+15,00	199.048,2032	8.281.674,5954	791,448m	791,648m	PCV
31+180,00	1559	199.053,1637	8.281.673,9681	791,863m	792,077m	
31+200,00	1560	199.072,9701	8.281.671,1951	793,489m	793,717m	
31+220,00	1561	199.092,7131	8.281.668,0014	795,068m	795,232m	
31+240,00	1562	199.112,3837	8.281.664,3884	796,458m	796,622m	
31+260,00	1563	199.131,9729	8.281.660,3577	797,718m	797,887m	
31+280,00	1564	199.151,4720	8.281.655,9112	798,851m	799,027m	
31+295,00	1564+15,00	199.166,0318	8.281.652,3046	799,653m	799,800m	PIV
31+300,00	1565	199.170,8720	8.281.651,0508	799,899m	800,042m	
31+320,00	1566	199.190,1643	8.281.645,7788	800,805m	800,932m	
31+331,93	1566+11,93	199.201,6129	8.281.642,4403	801,285m	801,404m	CE
31+340,00	1567	199.209,3403	8.281.640,0984	801,556m	801,697m	
31+360,00	1568	199.228,4025	8.281.634,0470	802,174m	802,337m	
31+380,00	1569	199.247,3700	8.281.627,7045	802,729m	802,852m	
31+400,00	1570	199.266,2664	8.281.621,1528	803,141m	803,242m	
31+415,00	1570+15,00	199.280,4077	8.281.616,1505	803,380m	803,453m	PTV
31+420,00	1571	199.285,1179	8.281.614,4729	803,453m	803,511m	
31+431,93	1571+11,93	199.296,3487	8.281.610,4619	803,631m	803,650m	ET
31+440,00	1572	199.303,9520	8.281.607,7442	803,624m	803,745m	
31+460,00	1573	199.322,7852	8.281.601,0128	803,589m	803,979m	
31+480,00	1574	199.341,6183	8.281.594,2814	803,854m	804,212m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
31+500,00	1575	199.360,4515	8.281.587,5499	804,186m	804,446m	
31+520,00	1576	199.379,2847	8.281.580,8185	804,502m	804,680m	
31+540,00	1577	199.398,1178	8.281.574,0870	804,698m	804,913m	
31+550,00	1577+10,00	199.407,5344	8.281.570,7213	804,801m	805,030m	PCV
31+560,00	1578	199.416,9510	8.281.567,3556	804,998m	805,152m	
31+580,00	1579	199.435,7841	8.281.560,6242	805,314m	805,427m	
31+600,00	1580	199.454,6173	8.281.553,8927	805,646m	805,742m	
31+620,00	1581	199.473,4504	8.281.547,1613	805,999m	806,098m	
31+640,00	1582	199.492,2836	8.281.540,4298	806,409m	806,496m	
31+660,00	1583	199.511,1167	8.281.533,6984	806,845m	806,934m	
31+675,00	1583+15,00	199.525,2416	8.281.528,6498	807,206m	807,289m	PIV
31+680,00	1584	199.529,9499	8.281.526,9669	807,329m	807,412m	
31+700,00	1585	199.548,7830	8.281.520,2355	807,793m	807,932m	
31+720,00	1586	199.567,6162	8.281.513,5041	808,342m	808,493m	
31+740,00	1587	199.586,4493	8.281.506,7726	808,888m	809,094m	
31+760,00	1588	199.605,2825	8.281.500,0412	809,525m	809,736m	
31+770,98	1588+10,98	199.615,6241	8.281.496,3448	809,907m	810,107m	TE
31+780,00	1589	199.624,1163	8.281.493,3114	810,241m	810,420m	
31+800,00	1590	199.642,9686	8.281.486,6341	811,005m	811,144m	
31+800,00	1590	199.642,9686	8.281.486,6341	811,005m	811,144m	PTV
31+820,00	1591	199.661,8766	8.281.480,1160	811,803m	811,888m	
31+840,00	1592	199.680,8754	8.281.473,8681	812,620m	812,632m	
31+850,98	1592+10,98	199.691,3578	8.281.470,5927	813,061m	813,041m	EC
31+860,00	1593	199.699,9950	8.281.468,0009	813,426m	813,377m	
31+880,00	1594	199.719,2449	8.281.462,5769	814,200m	814,121m	
31+900,00	1595	199.738,6158	8.281.457,6019	815,058m	814,866m	
31+920,00	1596	199.758,0972	8.281.453,0787	815,885m	815,610m	
31+940,00	1597	199.777,6785	8.281.449,0098	816,670m	816,355m	
31+960,00	1598	199.797,3490	8.281.445,3973	817,005m	817,099m	
31+980,00	1599	199.817,0983	8.281.442,2432	817,633m	817,844m	
32+000,00	1600	199.836,9156	8.281.439,5492	818,452m	818,588m	
32+020,00	1601	199.856,7901	8.281.437,3167	819,269m	819,332m	
32+040,00	1602	199.876,7112	8.281.435,5470	820,084m	820,077m	
32+060,00	1603	199.896,6681	8.281.434,2411	820,886m	820,821m	
32+080,00	1604	199.916,6499	8.281.433,3995	821,657m	821,566m	
32+100,00	1605	199.936,6459	8.281.433,0229	822,415m	822,310m	
32+120,00	1606	199.956,6453	8.281.433,1113	823,200m	823,055m	
32+140,00	1607	199.976,6372	8.281.433,6647	824,010m	823,799m	
32+160,00	1608	199.996,6108	8.281.434,6829	824,823m	824,544m	
32+180,00	1609	200.016,5553	8.281.436,1653	825,608m	825,288m	
32+183,50	1609+3,50	200.020,0428	8.281.436,4724	825,743m	825,418m	CE
32+200,00	1610	200.036,4611	8.281.438,1002	826,372m	826,032m	
32+220,00	1611	200.056,3280	8.281.440,4022	826,646m	826,777m	
32+240,00	1612	200.076,1643	8.281.442,9552	827,393m	827,521m	
32+260,00	1613	200.095,9828	8.281.445,6436	828,180m	828,266m	
32+263,50	1613+3,50	200.099,4513	8.281.446,1196	828,323m	828,396m	ET
32+280,00	1614	200.115,7970	8.281.448,3631	829,004m	829,010m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
32+300,00	1615	200.135,6113	8.281.451,0826	829,806m	829,755m	
32+320,00	1616	200.155,4255	8.281.453,8021	830,580m	830,499m	
32+340,00	1617	200.175,2398	8.281.456,5216	831,253m	831,244m	
32+350,00	1617+10,00	200.185,1469	8.281.457,8814	831,601m	831,616m	PCV
32+360,00	1618	200.195,0540	8.281.459,2411	831,957m	831,981m	
32+380,00	1619	200.214,8682	8.281.461,9607	832,607m	832,671m	
32+400,00	1620	200.234,6825	8.281.464,6802	833,200m	833,306m	
32+420,00	1621	200.254,4967	8.281.467,3997	833,738m	833,886m	
32+440,00	1622	200.274,3110	8.281.470,1192	834,261m	834,412m	
32+460,00	1623	200.294,1252	8.281.472,8388	834,890m	834,883m	
32+480,00	1624	200.313,9395	8.281.475,5583	835,294m	835,299m	
32+500,00	1625	200.333,7537	8.281.478,2778	835,634m	835,661m	
32+520,00	1626	200.353,5679	8.281.480,9973	835,922m	835,968m	
32+540,00	1627	200.373,3822	8.281.483,7169	836,210m	836,220m	
32+560,00	1628	200.393,1964	8.281.486,4364	836,413m	836,418m	
32+580,00	1629	200.413,0107	8.281.489,1559	836,559m	836,561m	
32+600,00	1630	200.432,8249	8.281.491,8754	836,585m	836,649m	
32+620,00	1631	200.452,6392	8.281.494,5949	836,631m	836,682m	
32+622,25	1631+2,25	200.454,8642	8.281.494,9003	836,634m	836,683m	PB
32+640,00	1632	200.472,4534	8.281.497,3145	836,630m	836,661m	
32+660,00	1633	200.492,2676	8.281.500,0340	836,562m	836,585m	
32+680,00	1634	200.512,0819	8.281.502,7535	836,471m	836,455m	
32+690,00	1634+10,00	200.521,9890	8.281.504,1133	836,398m	836,369m	PTV
32+700,00	1635	200.531,8961	8.281.505,4730	836,330m	836,276m	
32+720,00	1636	200.551,7104	8.281.508,1926	836,129m	836,091m	
32+740,00	1637	200.571,5246	8.281.510,9121	835,928m	835,906m	
32+760,00	1638	200.591,3389	8.281.513,6316	835,747m	835,720m	
32+765,00	1638+5,00	200.596,2924	8.281.514,3115	835,703m	835,674m	PCV
32+780,00	1639	200.611,1531	8.281.516,3511	835,570m	835,552m	
32+800,00	1640	200.630,9673	8.281.519,0707	835,466m	835,440m	
32+820,00	1641	200.650,7816	8.281.521,7902	835,384m	835,388m	
32+827,68	1641+7,68	200.658,3899	8.281.522,8344	835,379m	835,384m	
32+830,00	1641+10,00	200.660,6887	8.281.523,1499	835,378m	835,384m	PIV
32+840,00	1642	200.670,5958	8.281.524,5097	835,392m	835,395m	
32+860,00	1643	200.690,4101	8.281.527,2292	835,463m	835,461m	
32+880,00	1644	200.710,2243	8.281.529,9487	835,546m	835,586m	
32+895,00	1644+15,00	200.725,0850	8.281.531,9884	835,692m	835,719m	PTV
32+900,00	1645	200.730,0385	8.281.532,6683	835,740m	835,768m	
32+920,00	1646	200.749,8528	8.281.535,3878	835,917m	835,967m	
32+940,00	1647	200.769,6670	8.281.538,1073	836,094m	836,166m	
32+960,00	1648	200.789,4813	8.281.540,8268	836,304m	836,365m	
32+980,00	1649	200.809,2955	8.281.543,5464	836,531m	836,564m	
33+000,00	1650	200.829,1098	8.281.546,2659	836,718m	836,763m	
33+020,00	1651	200.848,9240	8.281.548,9854	836,905m	836,962m	
33+040,00	1652	200.868,7382	8.281.551,7049	837,094m	837,161m	
33+045,00	1652+5,00	200.873,6918	8.281.552,3848	837,140m	837,211m	PCV
33+060,00	1653	200.888,5525	8.281.554,4245	837,280m	837,333m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
33+080,00	1654	200.908,3667	8.281.557,1440	837,358m	837,410m	
33+085,93	1654+5,93	200.914,2433	8.281.557,9505	837,364m	837,415m	PB
33+100,00	1655	200.928,1810	8.281.559,8635	837,362m	837,391m	
33+120,00	1656	200.947,9952	8.281.562,5830	837,265m	837,274m	
33+127,53	1656+7,53	200.955,4576	8.281.563,6072	837,195m	837,204m	TE
33+140,00	1657	200.967,8104	8.281.565,2959	837,067m	837,059m	
33+160,00	1658	200.987,6395	8.281.567,9043	836,773m	836,748m	
33+170,00	1658+10,00	200.997,5655	8.281.569,1182	836,594m	836,556m	PIV
33+180,00	1659	201.007,5019	8.281.570,2442	836,377m	836,339m	
33+200,00	1660	201.027,4103	8.281.572,1493	835,906m	835,833m	
33+207,53	1660+7,53	201.034,9210	8.281.572,7198	835,709m	835,617m	EC
33+220,00	1661	201.047,3665	8.281.573,4592	835,354m	835,230m	
33+240,00	1662	201.067,3551	8.281.574,1048	834,645m	834,530m	
33+260,00	1663	201.087,3542	8.281.574,0838	833,834m	833,732m	
33+280,00	1664	201.107,3415	8.281.573,3964	832,931m	832,837m	
33+295,00	1664+15,00	201.122,3108	8.281.572,4438	832,239m	832,102m	PTV
33+300,00	1665	201.127,2947	8.281.572,0432	831,992m	831,848m	
33+320,00	1666	201.147,1918	8.281.570,0258	830,966m	830,832m	
33+340,00	1667	201.167,0105	8.281.567,3464	829,976m	829,815m	
33+360,00	1668	201.186,7290	8.281.564,0080	828,943m	828,799m	
33+380,00	1669	201.206,3253	8.281.560,0142	827,890m	827,783m	
33+400,00	1670	201.225,7775	8.281.555,3696	826,809m	826,766m	
33+405,00	1670+5,00	201.230,6156	8.281.554,1074	826,570m	826,512m	PCV
33+420,00	1671	201.245,0642	8.281.550,0793	825,878m	825,815m	
33+440,00	1672	201.264,1638	8.281.544,1492	825,110m	825,087m	
33+457,18	1672+17,18	201.280,4003	8.281.538,5510	824,623m	824,647m	CE
33+460,00	1673	201.283,0553	8.281.537,5859	824,571m	824,590m	
33+480,00	1674	201.301,7325	8.281.530,4349	824,312m	824,325m	
33+485,00	1674+5,00	201.306,3723	8.281.528,5718	824,278m	824,294m	PIV
33+493,02	1674+13,02	201.313,7964	8.281.525,5306	824,224m	824,276m	
33+500,00	1675	201.320,2343	8.281.522,8410	824,267m	824,290m	
33+520,00	1676	201.338,6165	8.281.514,9613	824,518m	824,486m	
33+537,18	1676+17,18	201.354,3545	8.281.508,0839	824,880m	824,838m	ET
33+540,00	1677	201.356,9420	8.281.506,9501	824,960m	824,913m	
33+560,00	1678	201.375,2603	8.281.498,9228	825,579m	825,571m	
33+565,00	1678+5,00	201.379,8399	8.281.496,9160	825,760m	825,771m	PTV
33+580,00	1679	201.393,5787	8.281.490,8955	826,371m	826,394m	
33+600,00	1680	201.411,8971	8.281.482,8682	827,281m	827,226m	
33+620,00	1681	201.430,2154	8.281.474,8410	828,199m	828,057m	
33+640,00	1682	201.448,5338	8.281.466,8137	829,087m	828,888m	
33+660,00	1683	201.466,8522	8.281.458,7864	829,863m	829,719m	
33+680,00	1684	201.485,1706	8.281.450,7591	830,516m	830,550m	
33+700,00	1685	201.503,4889	8.281.442,7318	831,304m	831,381m	
33+720,00	1686	201.521,8073	8.281.434,7046	832,165m	832,212m	
33+740,00	1687	201.540,1257	8.281.426,6773	832,925m	833,043m	
33+760,00	1688	201.558,4440	8.281.418,6500	833,731m	833,874m	
33+780,00	1689	201.576,7624	8.281.410,6227	834,632m	834,705m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
33+800,00	1690	201.595,0808	8.281.402,5954	835,657m	835,433m	
33+820,00	1691	201.613,3992	8.281.394,5681	836,858m	835,953m	
33+840,00	1692	201.631,7175	8.281.386,5409	838,056m	836,266m	
33+860,00	1693	201.650,0359	8.281.378,5136	838,146m	836,372m	
33+860,23	1693+0,23	201.650,2421	8.281.378,4232	838,129m	836,372m	PB
33+880,00	1694	201.668,3543	8.281.370,4863	836,554m	836,271m	
33+900,00	1695	201.686,6726	8.281.362,4590	834,718m	835,963m	
33+920,00	1696	201.704,9910	8.281.354,4317	833,204m	835,447m	
33+940,00	1697	201.723,3094	8.281.346,4044	831,866m	834,724m	
33+960,00	1698	201.741,6278	8.281.338,3772	830,824m	833,898m	
33+980,00	1699	201.759,9461	8.281.330,3499	830,304m	833,184m	
34+000,00	1700	201.778,2645	8.281.322,3226	829,860m	832,695m	
34+020,00	1701	201.796,5829	8.281.314,2953	829,598m	832,432m	
34+033,41	1701+13,41	201.808,8643	8.281.308,9135	829,515m	832,381m	
34+040,00	1702	201.814,9012	8.281.306,2680	829,519m	832,393m	
34+050,00	1702+10,00	201.824,0604	8.281.302,2544	829,552m	832,458m	PIV
34+060,00	1703	201.833,2196	8.281.298,2408	829,622m	832,580m	
34+080,00	1704	201.851,5380	8.281.290,2135	830,050m	832,992m	
34+100,00	1705	201.869,8564	8.281.282,1862	830,882m	833,629m	
34+120,00	1706	201.888,1747	8.281.274,1589	832,206m	834,491m	
34+140,00	1707	201.906,4931	8.281.266,1316	834,463m	835,579m	
34+160,00	1708	201.924,8115	8.281.258,1043	837,145m	836,779m	
34+180,00	1709	201.943,1298	8.281.250,0771	840,078m	837,979m	
34+200,00	1710	201.961,4482	8.281.242,0498	842,672m	839,179m	
34+220,00	1711	201.979,7666	8.281.234,0225	845,049m	840,379m	
34+240,00	1712	201.998,0850	8.281.225,9952	846,678m	841,579m	
34+260,00	1713	202.016,4033	8.281.217,9679	848,347m	842,779m	
34+280,00	1714	202.034,7217	8.281.209,9406	849,598m	843,979m	
34+300,00	1715	202.053,0401	8.281.201,9134	850,492m	845,179m	
34+320,00	1716	202.071,3584	8.281.193,8861	850,839m	846,379m	
34+340,00	1717	202.089,6768	8.281.185,8588	850,488m	847,579m	
34+360,00	1718	202.107,9952	8.281.177,8315	849,798m	848,779m	
34+380,00	1719	202.126,3136	8.281.169,8042	849,432m	849,979m	
34+400,00	1720	202.144,6319	8.281.161,7769	849,398m	851,179m	
34+420,00	1721	202.162,9503	8.281.153,7497	849,895m	852,379m	
34+440,00	1722	202.181,2687	8.281.145,7224	850,937m	853,579m	
34+460,00	1723	202.199,5870	8.281.137,6951	852,554m	854,779m	
34+480,00	1724	202.217,9054	8.281.129,6678	854,637m	855,979m	
34+500,00	1725	202.236,2238	8.281.121,6405	856,669m	857,179m	
34+520,00	1726	202.254,5422	8.281.113,6133	859,259m	858,379m	
34+540,00	1727	202.272,8605	8.281.105,5860	861,984m	859,579m	
34+560,00	1728	202.291,1789	8.281.097,5587	864,192m	860,779m	
34+580,00	1729	202.309,4973	8.281.089,5314	865,858m	861,979m	
34+600,00	1730	202.327,8156	8.281.081,5041	866,919m	863,179m	
34+613,19	1730+13,19	202.339,8996	8.281.076,2088	867,446m	863,970m	TE
34+620,00	1731	202.346,1353	8.281.073,4799	867,628m	864,379m	
34+640,00	1732	202.364,5317	8.281.065,6339	867,860m	865,579m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
34+653,19	1732+13,19	202.376,7947	8.281.060,7688	868,023m	866,370m	EC
34+660,00	1733	202.383,1781	8.281.058,4061	868,127m	866,779m	
34+680,00	1734	202.402,1546	8.281.052,0966	868,592m	867,979m	
34+700,00	1735	202.421,4228	8.281.046,7435	868,792m	869,179m	
34+703,97	1735+3,97	202.425,2758	8.281.045,7964	868,815m	869,417m	CE
34+720,00	1736	202.440,9255	8.281.042,3181	868,846m	870,379m	
34+740,00	1737	202.460,5531	8.281.038,4779	868,752m	871,579m	
34+743,97	1737+3,97	202.464,4522	8.281.037,7433	868,761m	871,817m	ET
34+760,00	1738	202.480,2077	8.281.034,7774	869,287m	872,779m	
34+780,00	1739	202.499,8625	8.281.031,0774	870,790m	873,979m	
34+800,00	1740	202.519,5173	8.281.027,3775	872,157m	875,109m	
34+820,00	1741	202.539,1721	8.281.023,6775	874,228m	876,101m	
34+840,00	1742	202.558,8269	8.281.019,9776	876,269m	876,954m	
34+843,03	1742+3,03	202.561,8004	8.281.019,4178	876,566m	877,071m	TE
34+860,00	1743	202.578,4832	8.281.016,2860	878,124m	877,668m	
34+880,00	1744	202.598,1526	8.281.012,6647	879,791m	878,244m	
34+900,00	1745	202.617,8495	8.281.009,1962	881,427m	878,680m	
34+920,00	1746	202.637,5864	8.281.005,9637	883,081m	878,978m	
34+930,00	1746+10,00	202.647,4729	8.281.004,4621	883,907m	879,075m	PIV
34+940,00	1747	202.657,3728	8.281.003,0509	884,493m	879,137m	
34+952,92	1747+12,92	202.670,1812	8.281.001,3789	884,892m	879,166m	PB
34+960,00	1748	202.677,2144	8.281.000,5417	884,989m	879,158m	
34+980,00	1749	202.697,1114	8.280.998,5209	884,976m	879,039m	
34+983,03	1749+3,03	202.700,1262	8.280.998,2630	884,909m	879,009m	EC
35+000,00	1750	202.717,0576	8.280.997,0648	884,332m	878,782m	
35+020,00	1751	202.737,0380	8.280.996,1959	883,175m	878,385m	
35+040,00	1752	202.757,0353	8.280.995,9150	881,321m	877,851m	
35+060,00	1753	202.777,0322	8.280.996,2222	879,138m	877,177m	
35+080,00	1754	202.797,0115	8.280.997,1174	876,886m	876,364m	
35+100,00	1755	202.816,9558	8.280.998,5997	874,935m	875,482m	
35+120,00	1756	202.836,8478	8.281.000,6679	873,480m	874,600m	
35+140,00	1757	202.856,6704	8.281.003,3202	872,479m	873,719m	
35+160,00	1758	202.876,4065	8.281.006,5543	871,645m	872,837m	
35+180,00	1759	202.896,0389	8.281.010,3673	870,730m	871,955m	
35+200,00	1760	202.915,5507	8.281.014,7560	869,976m	871,073m	
35+220,00	1761	202.934,9250	8.281.019,7167	869,230m	870,191m	
35+240,00	1762	202.954,1450	8.281.025,2449	868,352m	869,309m	
35+260,00	1763	202.973,1942	8.281.031,3360	867,572m	868,427m	
35+280,00	1764	202.992,0560	8.281.037,9846	866,631m	867,545m	
35+300,00	1765	203.010,7141	8.281.045,1850	865,654m	866,663m	
35+320,00	1766	203.029,1524	8.281.052,9310	864,646m	865,781m	
35+340,00	1767	203.047,3549	8.281.061,2159	863,743m	864,899m	
35+360,00	1768	203.065,3059	8.281.070,0325	862,875m	864,017m	
35+380,00	1769	203.082,9899	8.281.079,3731	861,741m	863,135m	
35+400,00	1770	203.100,3915	8.281.089,2298	860,744m	862,254m	
35+416,93	1770+16,93	203.114,8866	8.281.097,9682	859,930m	861,507m	CE
35+420,00	1771	203.117,4958	8.281.099,5939	859,798m	861,372m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
35+440,00	1772	203.134,2997	8.281.110,4386	858,849m	860,490m	
35+460,00	1773	203.150,8322	8.281.121,6929	857,845m	859,608m	
35+480,00	1774	203.167,1323	8.281.133,2815	856,756m	858,726m	
35+500,00	1775	203.183,2431	8.281.145,1321	855,714m	857,844m	
35+520,00	1776	203.199,2110	8.281.157,1746	854,756m	856,962m	
35+530,00	1776+10,00	203.207,1567	8.281.163,2463	854,298m	856,521m	PCV
35+540,00	1777	203.215,0851	8.281.169,3406	853,970m	856,067m	
35+556,93	1777+16,93	203.228,4833	8.281.179,6832	853,450m	855,240m	ET
35+560,00	1778	203.230,9159	8.281.181,5630	853,357m	855,082m	
35+580,00	1779	203.246,7414	8.281.193,7921	852,589m	853,993m	
35+580,00	1779	203.246,7414	8.281.193,7921	852,589m	853,993m	PIV
35+600,00	1780	203.262,5669	8.281.206,0213	852,014m	852,801m	
35+620,00	1781	203.278,3925	8.281.218,2504	851,487m	851,505m	
35+625,05	1781+5,05	203.282,3915	8.281.221,3407	851,373m	851,161m	TE
35+630,00	1781+10,00	203.286,3056	8.281.224,3645	851,264m	850,818m	PTV
35+640,00	1782	203.294,2285	8.281.230,4660	851,065m	850,118m	
35+660,00	1783	203.310,1768	8.281.242,5343	850,442m	848,719m	
35+680,00	1784	203.326,3814	8.281.254,2555	849,742m	847,320m	
35+700,00	1785	203.342,9735	8.281.265,4200	849,093m	845,920m	
35+705,05	1785+5,05	203.347,2413	8.281.268,1270	848,912m	845,567m	EC
35+720,00	1786	203.360,0547	8.281.275,8197	848,407m	844,521m	
35+740,00	1787	203.377,6281	8.281.285,3640	847,658m	843,121m	
35+760,00	1788	203.395,6512	8.281.294,0292	846,702m	841,722m	
35+780,00	1789	203.414,0801	8.281.301,7942	845,727m	840,323m	
35+800,00	1790	203.432,8698	8.281.308,6401	844,659m	838,923m	
35+820,00	1791	203.451,9745	8.281.314,5501	843,441m	837,524m	
35+840,00	1792	203.471,3477	8.281.319,5098	841,987m	836,125m	
35+860,00	1793	203.490,9421	8.281.323,5071	840,526m	834,725m	
35+880,00	1794	203.510,7099	8.281.326,5324	839,058m	833,326m	
35+900,00	1795	203.530,6030	8.281.328,5782	837,509m	831,927m	
35+920,00	1796	203.550,5727	8.281.329,6395	835,829m	830,527m	
35+940,00	1797	203.570,5706	8.281.329,7138	834,273m	829,128m	
35+960,00	1798	203.590,5477	8.281.328,8008	832,789m	827,729m	
35+980,00	1799	203.610,4554	8.281.326,9028	831,253m	826,329m	
36+000,00	1800	203.630,2451	8.281.324,0244	829,659m	824,930m	
36+020,00	1801	203.649,8687	8.281.320,1727	828,009m	823,531m	
36+040,00	1802	203.669,2781	8.281.315,3570	826,401m	822,131m	
36+052,93	1802+12,93	203.681,6871	8.281.311,7369	825,382m	821,227m	CE
36+060,00	1803	203.688,4268	8.281.309,5907	824,758m	820,732m	
36+080,00	1804	203.707,3009	8.281.302,9789	823,152m	819,332m	
36+100,00	1805	203.725,9496	8.281.295,7538	821,580m	817,933m	
36+120,00	1806	203.744,4480	8.281.288,1511	819,733m	816,534m	
36+132,93	1806+12,93	203.756,3659	8.281.283,1443	818,618m	815,629m	ET
36+140,00	1807	203.762,8846	8.281.280,3992	818,074m	815,134m	
36+160,00	1808	203.781,3169	8.281.272,6371	816,612m	813,735m	
36+180,00	1809	203.799,7492	8.281.264,8750	815,248m	812,336m	
36+200,00	1810	203.818,1815	8.281.257,1129	813,486m	810,936m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
36+219,56	1810+19,56	203.836,2102	8.281.249,5207	811,797m	809,568m	TE
36+220,00	1811	203.836,6138	8.281.249,3507	811,759m	809,537m	
36+240,00	1812	203.855,0714	8.281.241,6491	810,099m	808,138m	
36+260,00	1813	203.873,6702	8.281.234,2968	808,655m	806,738m	
36+280,00	1814	203.892,5290	8.281.227,6429	807,123m	805,339m	
36+289,56	1814+9,56	203.901,6625	8.281.224,8137	806,348m	804,670m	EC
36+300,00	1815	203.911,7251	8.281.222,0413	805,532m	803,940m	
36+320,00	1816	203.931,2408	8.281.217,6825	803,891m	802,540m	
36+340,00	1817	203.950,9969	8.281.214,5910	802,305m	801,141m	
36+360,00	1818	203.970,9112	8.281.212,7796	800,506m	799,742m	
36+374,00	1818+14,00	203.984,9010	8.281.212,2775	799,174m	798,762m	PCV
36+380,00	1819	203.990,9009	8.281.212,2558	798,597m	798,351m	
36+400,00	1820	204.010,8828	8.281.213,0219	797,098m	797,107m	
36+416,39	1820+16,39	204.027,1947	8.281.214,6095	796,124m	796,233m	CE
36+420,00	1821	204.030,7737	8.281.215,0744	795,919m	796,058m	
36+440,00	1822	204.050,5086	8.281.218,3061	795,313m	795,203m	
36+456,00	1822+16,00	204.066,1830	8.281.221,5146	794,700m	794,659m	PIV
36+460,00	1823	204.070,0886	8.281.222,3787	794,575m	794,546m	
36+480,00	1824	204.089,5644	8.281.226,9265	794,223m	794,182m	
36+486,39	1824+6,39	204.095,7781	8.281.228,4211	794,246m	794,137m	ET
36+491,40	1824+11,40	204.100,6461	8.281.229,5936	794,264m	794,126m	
36+500,00	1825	204.109,0089	8.281.231,6078	794,298m	794,158m	
36+518,00	1825+18,00	204.126,5084	8.281.235,8227	794,569m	794,427m	PTV
36+520,00	1826	204.128,4528	8.281.236,2911	794,282m	794,472m	
36+540,00	1827	204.147,8968	8.281.240,9743	786,895m	794,925m	
36+560,00	1828	204.167,3407	8.281.245,6576	795,223m	795,377m	
36+580,00	1829	204.186,7847	8.281.250,3408	795,624m	795,830m	
36+600,00	1830	204.206,2286	8.281.255,0241	796,012m	796,282m	
36+620,00	1831	204.225,6726	8.281.259,7073	796,608m	796,735m	
36+640,00	1832	204.245,1165	8.281.264,3905	797,128m	797,187m	
36+660,00	1833	204.264,5605	8.281.269,0738	797,663m	797,640m	
36+680,00	1834	204.284,0044	8.281.273,7570	798,190m	798,092m	
36+700,00	1835	204.303,4484	8.281.278,4403	798,588m	798,544m	
36+720,00	1836	204.322,8923	8.281.283,1235	798,863m	798,997m	
36+726,00	1836+6,00	204.328,7255	8.281.284,5285	798,933m	799,133m	PCV
36+740,00	1837	204.342,3363	8.281.287,8068	799,204m	799,468m	
36+760,00	1838	204.361,7802	8.281.292,4900	799,641m	800,010m	
36+780,00	1839	204.381,2242	8.281.297,1733	800,210m	800,627m	
36+800,00	1840	204.400,6681	8.281.301,8565	800,791m	801,318m	
36+820,00	1841	204.420,1121	8.281.306,5397	801,353m	802,084m	
36+826,00	1841+6,00	204.425,9453	8.281.307,9447	801,562m	802,329m	PIV
36+840,00	1842	204.439,5560	8.281.311,2230	802,030m	802,925m	
36+860,00	1843	204.459,0000	8.281.315,9062	802,620m	803,841m	
36+880,00	1844	204.478,4439	8.281.320,5895	803,309m	804,831m	
36+900,00	1845	204.497,8879	8.281.325,2727	803,695m	805,896m	
36+920,00	1846	204.517,3318	8.281.329,9560	804,320m	807,036m	
36+926,00	1846+6,00	204.523,1650	8.281.331,3609	804,626m	807,392m	PTV

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
36+940,00	1847	204.536,7758	8.281.334,6392	805,578m	808,232m	
36+960,00	1848	204.556,2197	8.281.339,3225	806,968m	809,431m	
36+980,00	1849	204.575,6637	8.281.344,0057	808,380m	810,631m	
37+000,00	1850	204.595,1076	8.281.348,6889	809,926m	811,830m	
37+020,00	1851	204.614,5516	8.281.353,3722	811,363m	813,029m	
37+040,00	1852	204.633,9955	8.281.358,0554	812,765m	814,229m	
37+060,00	1853	204.653,4395	8.281.362,7387	814,222m	815,428m	
37+080,00	1854	204.672,8834	8.281.367,4219	815,371m	816,628m	
37+100,00	1855	204.692,3274	8.281.372,1052	817,695m	817,827m	
37+105,90	1855+5,90	204.698,0647	8.281.373,4870	818,353m	818,181m	TE
37+120,00	1856	204.711,7653	8.281.376,8131	819,847m	819,027m	
37+140,00	1857	204.731,1279	8.281.381,8200	822,402m	820,226m	
37+160,00	1858	204.750,2903	8.281.387,5405	825,227m	821,426m	
37+180,00	1859	204.769,0814	8.281.394,3766	827,968m	822,625m	
37+185,90	1859+5,90	204.774,5219	8.281.396,6625	828,674m	822,979m	EC
37+200,00	1860	204.787,2702	8.281.402,6784	831,863m	823,824m	
37+220,00	1861	204.804,6701	8.281.412,5268	836,479m	825,024m	
37+240,00	1862	204.821,1490	8.281.423,8491	835,676m	826,223m	
37+260,00	1863	204.836,5823	8.281.436,5598	834,447m	827,423m	
37+265,57	1863+5,57	204.840,6769	8.281.440,3328	833,519m	827,757m	CE
37+280,00	1864	204.850,8729	8.281.450,5439	832,527m	828,622m	
37+300,00	1865	204.864,1344	8.281.465,5109	832,289m	829,822m	
37+320,00	1866	204.876,6396	8.281.481,1176	832,553m	831,021m	
37+340,00	1867	204.888,7070	8.281.497,0665	833,270m	832,220m	
37+345,57	1867+5,57	204.892,0345	8.281.501,5309	833,508m	832,554m	ET
37+360,00	1868	204.900,6560	8.281.513,1047	834,216m	833,420m	
37+380,00	1869	204.912,6037	8.281.529,1438	835,277m	834,619m	
37+400,00	1870	204.924,5514	8.281.545,1829	836,557m	835,819m	
37+420,00	1871	204.936,4991	8.281.561,2219	838,045m	837,018m	
37+440,00	1872	204.948,4468	8.281.577,2610	839,887m	838,218m	
37+460,00	1873	204.960,3945	8.281.593,3001	841,933m	839,417m	
37+478,28	1873+18,28	204.971,3174	8.281.607,9634	843,633m	840,514m	TE
37+480,00	1874	204.972,3422	8.281.609,3392	843,778m	840,617m	
37+500,00	1875	204.984,3657	8.281.625,3214	845,353m	841,816m	
37+520,00	1876	204.996,7707	8.281.641,0081	846,628m	843,015m	
37+538,28	1876+18,28	205.008,7274	8.281.654,8387	847,843m	844,112m	EC
37+540,00	1877	205.009,8881	8.281.656,1020	847,971m	844,215m	
37+560,00	1878	205.023,9410	8.281.670,3276	849,328m	845,414m	
37+580,00	1879	205.038,9103	8.281.683,5855	850,418m	846,614m	
37+600,00	1880	205.054,7296	8.281.695,8167	851,245m	847,813m	
37+605,45	1880+5,45	205.059,1819	8.281.698,9668	851,476m	848,140m	CE
37+620,00	1881	205.071,3131	8.281.706,9908	851,974m	849,013m	
37+640,00	1882	205.088,4403	8.281.717,3158	852,358m	850,212m	
37+660,00	1883	205.105,8536	8.281.727,1528	852,337m	851,412m	
37+665,45	1883+5,45	205.110,6218	8.281.729,8008	852,314m	851,739m	ET
37+680,00	1884	205.123,3403	8.281.736,8593	852,410m	852,611m	
37+690,00	1884+10,00	205.132,0840	8.281.741,7119	852,515m	853,211m	PCV

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
37+700,00	1885	205.140,8277	8.281.746,5645	852,692m	853,794m	
37+720,00	1886	205.158,3151	8.281.756,2698	853,253m	854,862m	
37+740,00	1887	205.175,8025	8.281.765,9750	854,030m	855,799m	
37+760,00	1888	205.193,2899	8.281.775,6802	854,936m	856,605m	
37+780,00	1889	205.210,7773	8.281.785,3854	855,882m	857,280m	
37+800,00	1890	205.228,2647	8.281.795,0906	856,821m	857,823m	
37+820,00	1891	205.245,7521	8.281.804,7958	857,508m	858,235m	
37+840,00	1892	205.263,2395	8.281.814,5010	858,257m	858,516m	
37+860,00	1893	205.280,7269	8.281.824,2062	858,685m	858,666m	
37+872,83	1893+12,83	205.291,9493	8.281.830,4345	858,876m	858,693m	PB
37+880,00	1894	205.298,2142	8.281.833,9114	858,783m	858,685m	
37+900,00	1895	205.315,7016	8.281.843,6166	858,432m	858,572m	
37+920,00	1896	205.333,1890	8.281.853,3218	857,853m	858,328m	
37+940,00	1897	205.350,6764	8.281.863,0270	857,120m	857,953m	
37+960,00	1898	205.368,1638	8.281.872,7322	856,166m	857,447m	
37+980,00	1899	205.385,6512	8.281.882,4374	855,117m	856,810m	
37+990,00	1899+10,00	205.394,3949	8.281.887,2900	854,692m	856,442m	PTV
38+000,00	1900	205.403,1386	8.281.892,1426	854,312m	856,057m	
38+020,00	1901	205.420,6260	8.281.901,8479	853,529m	855,289m	
38+040,00	1902	205.438,1134	8.281.911,5531	852,758m	854,520m	
38+060,00	1903	205.455,6008	8.281.921,2583	852,139m	853,752m	
38+080,00	1904	205.473,0882	8.281.930,9635	851,756m	852,983m	
38+100,00	1905	205.490,5756	8.281.940,6687	851,581m	852,214m	
38+120,00	1906	205.508,0630	8.281.950,3739	851,546m	851,446m	
38+140,00	1907	205.525,5504	8.281.960,0791	851,863m	850,677m	
38+160,00	1908	205.543,0378	8.281.969,7843	852,157m	849,908m	
38+180,00	1909	205.560,5252	8.281.979,4895	852,177m	849,140m	
38+200,00	1910	205.578,0126	8.281.989,1947	851,657m	848,371m	
38+220,00	1911	205.595,4999	8.281.998,8999	850,121m	847,603m	
38+220,00	1911	205.595,4999	8.281.998,8999	850,121m	847,603m	PCV
38+240,00	1912	205.612,9873	8.282.008,6051	848,282m	846,888m	
38+260,00	1913	205.630,4747	8.282.018,3103	847,006m	846,280m	
38+277,01	1913+17,01	205.645,3472	8.282.026,5643	846,169m	845,848m	TE
38+280,00	1914	205.647,9622	8.282.028,0155	846,038m	845,780m	
38+300,00	1915	205.665,4594	8.282.037,7029	845,244m	845,387m	
38+320,00	1916	205.683,0015	8.282.047,3088	844,610m	845,101m	
38+340,00	1917	205.700,6263	8.282.056,7620	844,234m	844,923m	
38+360,00	1918	205.718,3698	8.282.065,9902	844,003m	844,853m	
38+363,18	1918+3,18	205.721,2030	8.282.067,4312	843,986m	844,851m	
38+370,00	1918+10,00	205.727,2967	8.282.070,4969	843,950m	844,857m	PIV
38+380,00	1919	205.736,2655	8.282.074,9195	843,896m	844,889m	
38+400,00	1920	205.754,3430	8.282.083,4745	843,880m	845,033m	
38+420,00	1921	205.772,6272	8.282.091,5777	843,894m	845,285m	
38+427,01	1921+7,01	205.779,0880	8.282.094,2960	843,927m	845,398m	EC
38+440,00	1922	205.791,1364	8.282.099,1528	844,173m	845,643m	
38+460,00	1923	205.809,8663	8.282.106,1641	844,655m	846,109m	
38+480,00	1924	205.828,8001	8.282.112,6047	845,385m	846,683m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
38+500,00	1925	205.847,9203	8.282.118,4687	846,204m	847,364m	
38+520,00	1926	205.867,2094	8.282.123,7507	847,193m	848,152m	
38+520,00	1926	205.867,2094	8.282.123,7507	847,193m	848,152m	PTV
38+530,00	1926+10,00	205.876,9118	8.282.126,1720	847,569m	848,573m	PCV
38+540,00	1927	205.886,6497	8.282.128,4459	848,044m	848,981m	
38+560,00	1928	205.906,2233	8.282.132,5499	848,907m	849,725m	
38+580,00	1929	205.925,9123	8.282.136,0589	849,640m	850,371m	
38+600,00	1930	205.945,6986	8.282.138,9698	850,152m	850,919m	
38+620,00	1931	205.965,5639	8.282.141,2799	850,593m	851,369m	
38+640,00	1932	205.985,4902	8.282.142,9870	850,863m	851,721m	
38+660,00	1933	206.005,4590	8.282.144,0896	850,904m	851,975m	
38+670,00	1933+10,00	206.015,4537	8.282.144,4139	850,911m	852,065m	PTV
38+680,00	1934	206.025,4521	8.282.144,5867	850,902m	852,143m	
38+700,00	1935	206.045,4510	8.282.144,4777	850,780m	852,298m	
38+720,00	1936	206.065,4375	8.282.143,7629	850,599m	852,454m	
38+740,00	1937	206.085,3931	8.282.142,4429	850,541m	852,610m	
38+760,00	1938	206.105,2995	8.282.140,5189	850,547m	852,766m	
38+780,00	1939	206.125,1386	8.282.137,9926	850,671m	852,922m	
38+800,00	1940	206.144,8920	8.282.134,8663	851,002m	853,078m	
38+820,00	1941	206.164,5416	8.282.131,1430	851,263m	853,233m	
38+840,00	1942	206.184,0693	8.282.126,8261	851,521m	853,389m	
38+860,00	1943	206.203,4573	8.282.121,9195	852,230m	853,545m	
38+880,00	1944	206.222,6878	8.282.116,4277	852,847m	853,701m	
38+900,00	1945	206.241,7430	8.282.110,3558	853,360m	853,857m	
38+916,81	1945+16,81	206.257,6111	8.282.104,8075	853,784m	853,953m	CE
38+920,00	1946	206.260,6055	8.282.103,7094	853,862m	853,964m	
38+932,09	1946+12,09	206.271,9127	8.282.099,4197	853,973m	853,982m	PB
38+940,00	1947	206.279,2656	8.282.096,5139	854,034m	853,974m	
38+960,00	1948	206.297,7355	8.282.088,8428	854,210m	853,887m	
38+970,00	1948+10,00	206.306,9053	8.282.084,8536	854,153m	853,807m	PIV
38+980,00	1949	206.316,0356	8.282.080,7749	853,833m	853,703m	
39+000,00	1950	206.334,1916	8.282.072,3873	853,068m	853,422m	
39+020,00	1951	206.352,2328	8.282.063,7553	852,381m	853,044m	
39+040,00	1952	206.370,1916	8.282.054,9531	851,754m	852,568m	
39+060,00	1953	206.388,1025	8.282.046,0537	851,180m	852,044m	
39+066,81	1953+6,81	206.394,1971	8.282.043,0140	851,013m	851,866m	ET
39+080,00	1954	206.405,9995	8.282.037,1263	850,663m	851,520m	
39+100,00	1955	206.423,8962	8.282.028,1983	849,670m	850,997m	
39+120,00	1956	206.441,7929	8.282.019,2704	848,808m	850,473m	
39+140,00	1957	206.459,6896	8.282.010,3424	848,217m	849,949m	
39+160,00	1958	206.477,5863	8.282.001,4145	847,820m	849,425m	
39+180,00	1959	206.495,4830	8.281.992,4866	847,502m	848,901m	
39+200,00	1960	206.513,3797	8.281.983,5586	847,240m	848,377m	
39+220,00	1961	206.531,2764	8.281.974,6307	847,068m	847,853m	
39+240,00	1962	206.549,1731	8.281.965,7027	846,841m	847,329m	
39+260,00	1963	206.567,0698	8.281.956,7748	846,797m	846,805m	
39+280,00	1964	206.584,9665	8.281.947,8468	846,504m	846,281m	

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KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
39+300,00	1965	206.602,8632	8.281.938,9189	845,939m	845,757m	
39+320,00	1966	206.620,7599	8.281.929,9910	845,247m	845,291m	
39+340,00	1967	206.638,6566	8.281.921,0630	844,697m	844,942m	
39+360,00	1968	206.656,5533	8.281.912,1351	844,155m	844,709m	
39+380,00	1969	206.674,4500	8.281.903,2071	843,761m	844,593m	
39+389,97	1969+9,97	206.683,3685	8.281.898,7580	843,622m	844,579m	
39+400,00	1970	206.692,3467	8.281.894,2792	843,575m	844,593m	
39+420,00	1971	206.710,2434	8.281.885,3513	843,578m	844,710m	
39+440,00	1972	206.728,1401	8.281.876,4233	843,686m	844,943m	
39+460,00	1973	206.746,0368	8.281.867,4954	843,930m	845,293m	
39+480,00	1974	206.763,9335	8.281.858,5674	844,517m	845,759m	
39+500,00	1975	206.781,8302	8.281.849,6395	845,275m	846,341m	
39+520,00	1976	206.799,7269	8.281.840,7116	846,262m	846,982m	
39+540,00	1977	206.817,6236	8.281.831,7836	846,760m	847,550m	
39+560,00	1978	206.835,5203	8.281.822,8557	846,905m	847,972m	
39+580,00	1979	206.853,4170	8.281.813,9277	846,944m	848,248m	
39+600,00	1980	206.871,3137	8.281.804,9998	846,938m	848,378m	
39+607,80	1980+7,80	206.878,2974	8.281.801,5159	846,975m	848,389m	PB
39+620,00	1981	206.889,2104	8.281.796,0719	846,950m	848,362m	
39+640,00	1982	206.907,1071	8.281.787,1439	846,798m	848,200m	
39+660,00	1983	206.925,0038	8.281.778,2160	846,657m	847,892m	
39+680,00	1984	206.942,9005	8.281.769,2880	846,562m	847,438m	
39+700,00	1985	206.960,7972	8.281.760,3601	846,009m	846,838m	
39+720,00	1986	206.978,6939	8.281.751,4322	845,216m	846,092m	
39+740,00	1987	206.996,5906	8.281.742,5042	844,424m	845,273m	
39+760,00	1988	207.014,4873	8.281.733,5763	843,632m	844,455m	
39+780,00	1989	207.032,3840	8.281.724,6483	842,855m	843,636m	
39+790,00	1989+10,00	207.041,3323	8.281.720,1844	842,470m	843,226m	PCV
39+800,00	1990	207.050,2807	8.281.715,7204	842,116m	842,825m	
39+820,00	1991	207.068,1774	8.281.706,7925	841,435m	842,068m	
39+840,00	1992	207.086,0741	8.281.697,8645	840,757m	841,374m	
39+860,00	1993	207.103,9708	8.281.688,9366	840,190m	840,742m	
39+880,00	1994	207.121,8675	8.281.680,0086	839,674m	840,172m	
39+890,00	1994+10,00	207.130,8158	8.281.675,5447	839,412m	839,910m	PIV
39+900,00	1995	207.139,7642	8.281.671,0807	839,158m	839,664m	
39+920,00	1996	207.157,6609	8.281.662,1528	838,698m	839,218m	
39+940,00	1997	207.175,5576	8.281.653,2248	838,400m	838,835m	
39+960,00	1998	207.193,4543	8.281.644,2969	838,304m	838,514m	
39+980,00	1999	207.211,3510	8.281.635,3689	838,395m	838,254m	
39+990,00	1999+10,00	207.220,2993	8.281.630,9050	838,450m	838,148m	PTV
40+000,00	2000	207.229,2477	8.281.626,4410	838,509m	838,050m	
40+020,00	2001	207.247,1444	8.281.617,5130	838,642m	837,853m	
40+040,00	2002	207.265,0411	8.281.608,5851	838,973m	837,656m	
40+060,00	2003	207.282,9378	8.281.599,6572	839,205m	837,459m	
40+080,00	2004	207.300,8345	8.281.590,7292	839,046m	837,263m	
40+100,00	2005	207.318,7312	8.281.581,8013	838,623m	837,066m	
40+120,00	2006	207.336,6279	8.281.572,8733	838,239m	836,869m	

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KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
40+140,00	2007	207.354,5246	8.281.563,9454	838,079m	836,672m	
40+160,00	2008	207.372,4213	8.281.555,0175	838,192m	836,475m	
40+180,00	2009	207.390,3180	8.281.546,0895	838,399m	836,279m	
40+200,00	2010	207.408,2147	8.281.537,1616	838,315m	836,082m	
40+220,00	2011	207.426,1114	8.281.528,2336	838,105m	835,885m	
40+240,00	2012	207.444,0081	8.281.519,3057	837,661m	835,688m	
40+260,00	2013	207.461,9048	8.281.510,3778	837,051m	835,491m	
40+280,00	2014	207.479,8015	8.281.501,4498	836,167m	835,294m	
40+300,00	2015	207.497,6982	8.281.492,5219	835,018m	835,098m	
40+320,00	2016	207.515,5949	8.281.483,5939	833,923m	834,901m	
40+330,00	2016+10,00	207.524,5432	8.281.479,1300	833,438m	834,802m	PCV
40+340,00	2017	207.533,4916	8.281.474,6660	832,980m	834,713m	
40+360,00	2018	207.551,3883	8.281.465,7381	832,387m	834,592m	
40+380,00	2019	207.569,2850	8.281.456,8101	832,160m	834,547m	
40+382,00	2019+2,00	207.571,0714	8.281.455,9189	832,155m	834,546m	
40+400,00	2020	207.587,1817	8.281.447,8822	832,283m	834,577m	
40+420,00	2021	207.605,0784	8.281.438,9542	832,491m	834,683m	
40+430,00	2021+10,00	207.614,0267	8.281.434,4903	832,713m	834,765m	PIV
40+440,00	2022	207.622,9751	8.281.430,0263	832,935m	834,865m	
40+460,00	2023	207.640,8718	8.281.421,0984	833,604m	835,122m	
40+480,00	2024	207.658,7685	8.281.412,1704	834,503m	835,455m	
40+500,00	2025	207.676,6652	8.281.403,2425	835,947m	835,864m	
40+520,00	2026	207.694,5619	8.281.394,3145	837,262m	836,349m	
40+530,00	2026+10,00	207.703,5102	8.281.389,8506	837,843m	836,619m	PTV
40+540,00	2027	207.712,4586	8.281.385,3866	838,412m	836,900m	
40+560,00	2028	207.730,3553	8.281.376,4587	839,378m	837,460m	
40+580,00	2029	207.748,2520	8.281.367,5307	839,967m	838,020m	
40+600,00	2030	207.766,1487	8.281.358,6028	840,606m	838,580m	
40+620,00	2031	207.784,0454	8.281.349,6748	840,873m	839,140m	
40+640,00	2032	207.801,9421	8.281.340,7469	840,862m	839,701m	
40+660,00	2033	207.819,8388	8.281.331,8190	840,708m	840,261m	
40+680,00	2034	207.837,7355	8.281.322,8910	841,031m	840,821m	
40+700,00	2035	207.855,6322	8.281.313,9631	841,701m	841,381m	
40+720,00	2036	207.873,5289	8.281.305,0351	843,054m	841,942m	
40+740,00	2037	207.891,4256	8.281.296,1072	844,515m	842,502m	
40+760,00	2038	207.909,3223	8.281.287,1793	845,458m	843,062m	
40+780,00	2039	207.927,2190	8.281.278,2513	845,854m	843,622m	
40+800,00	2040	207.945,1157	8.281.269,3234	845,931m	844,183m	
40+820,00	2041	207.963,0124	8.281.260,3954	845,734m	844,743m	
40+840,00	2042	207.980,9091	8.281.251,4675	845,639m	845,303m	
40+860,00	2043	207.998,8058	8.281.242,5395	845,715m	845,863m	
40+880,00	2044	208.016,7025	8.281.233,6116	846,184m	846,424m	
40+900,00	2045	208.034,5992	8.281.224,6837	846,763m	846,984m	
40+920,00	2046	208.052,4959	8.281.215,7557	847,321m	847,544m	
40+937,40	2046+17,40	208.068,0642	8.281.207,9893	847,964m	848,017m	TE
40+940,00	2047	208.070,3926	8.281.206,8278	848,052m	848,086m	
40+960,00	2048	208.088,2973	8.281.197,9159	848,833m	848,591m	

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KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
40+980,00	2049	208.106,2394	8.281.189,0796	849,412m	849,059m	
40+990,00	2049+10,00	208.115,2346	8.281.184,7108	849,683m	849,280m	PIV
41+000,00	2050	208.124,2511	8.281.180,3862	849,903m	849,491m	
41+020,00	2051	208.142,3630	8.281.171,9038	850,388m	849,886m	
41+040,00	2052	208.160,6035	8.281.163,7015	850,816m	850,244m	
41+060,00	2053	208.178,9974	8.281.155,8500	851,456m	850,566m	
41+080,00	2054	208.197,5660	8.281.148,4212	852,391m	850,869m	
41+097,40	2054+17,40	208.213,8736	8.281.142,3602	853,356m	851,132m	EC
41+100,00	2055	208.216,3255	8.281.141,4891	853,514m	851,172m	
41+120,00	2056	208.235,2809	8.281.135,1122	854,756m	851,475m	
41+140,00	2057	208.254,4181	8.281.129,3039	855,557m	851,778m	
41+160,00	2058	208.273,7202	8.281.124,0693	855,390m	852,081m	
41+180,00	2059	208.293,1699	8.281.119,4132	854,212m	852,384m	
41+200,00	2060	208.312,7499	8.281.115,3397	852,657m	852,687m	
41+220,00	2061	208.332,4427	8.281.111,8523	851,534m	852,990m	
41+240,00	2062	208.352,2309	8.281.108,9543	850,997m	853,293m	
41+260,00	2063	208.372,0968	8.281.106,6482	850,782m	853,596m	
41+280,00	2064	208.392,0226	8.281.104,9360	850,808m	853,899m	
41+300,00	2065	208.411,9907	8.281.103,8193	850,987m	854,202m	
41+320,00	2066	208.431,9831	8.281.103,2991	851,361m	854,505m	
41+340,00	2067	208.451,9823	8.281.103,3758	851,953m	854,808m	
41+360,00	2068	208.471,9702	8.281.104,0494	852,535m	855,111m	
41+380,00	2069	208.491,9291	8.281.105,3192	853,206m	855,414m	
41+400,00	2070	208.511,8412	8.281.107,1842	854,067m	855,717m	
41+420,00	2071	208.531,6888	8.281.109,6426	855,275m	856,075m	
41+440,00	2072	208.551,4541	8.281.112,6923	856,274m	856,543m	
41+460,00	2073	208.571,1197	8.281.116,3306	857,158m	857,120m	
41+470,00	2073+10,00	208.580,9095	8.281.118,3695	857,852m	857,450m	PIV
41+480,00	2074	208.590,6678	8.281.120,5542	858,645m	857,808m	
41+500,00	2075	208.610,0813	8.281.125,3594	859,285m	858,605m	
41+520,00	2076	208.629,3426	8.281.130,7419	860,208m	859,511m	
41+540,00	2077	208.648,4347	8.281.136,6968	861,182m	860,528m	
41+560,00	2078	208.667,3406	8.281.143,2189	862,011m	861,599m	
41+562,61	2078+2,61	208.669,7940	8.281.144,1118	862,108m	861,739m	CE
41+580,00	2079	208.686,0464	8.281.150,2947	862,750m	862,670m	
41+600,00	2080	208.704,5574	8.281.157,8658	863,605m	863,742m	
41+620,00	2081	208.722,8906	8.281.165,8583	864,552m	864,813m	
41+640,00	2082	208.741,0675	8.281.174,2003	865,328m	865,884m	
41+660,00	2083	208.759,1138	8.281.182,8215	866,280m	866,956m	
41+680,00	2084	208.777,0582	8.281.191,6530	867,380m	868,027m	
41+700,00	2085	208.794,9319	8.281.200,6268	868,467m	869,098m	
41+720,00	2086	208.812,7676	8.281.209,6760	869,602m	870,170m	
41+722,61	2086+2,61	208.815,0948	8.281.210,8594	869,765m	870,309m	ET
41+740,00	2087	208.830,5952	8.281.218,7412	870,961m	871,241m	
41+760,00	2088	208.848,4227	8.281.227,8064	872,325m	872,312m	
41+780,00	2089	208.866,2503	8.281.236,8716	873,672m	873,384m	
41+800,00	2090	208.884,0779	8.281.245,9368	875,059m	874,455m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
41+820,00	2091	208.901,9055	8.281.255,0020	876,404m	875,526m	
41+830,21	2091+10,21	208.911,0101	8.281.259,6316	877,085m	876,073m	TE
41+840,00	2092	208.919,7343	8.281.264,0646	877,651m	876,597m	
41+860,00	2093	208.937,5971	8.281.273,0601	878,716m	877,669m	
41+880,00	2094	208.955,5572	8.281.281,8594	879,772m	878,740m	
41+900,00	2095	208.973,6752	8.281.290,3284	881,034m	879,811m	
41+910,21	2095+10,21	208.983,0066	8.281.294,4820	881,721m	880,359m	EC
41+920,00	2096	208.992,0030	8.281.298,3323	882,433m	880,883m	
41+940,00	2097	209.010,5570	8.281.305,7968	883,862m	881,954m	
41+960,00	2098	209.029,3226	8.281.312,7125	885,072m	883,025m	
41+980,00	2099	209.048,2833	8.281.319,0733	886,225m	884,097m	
42+000,00	2100	209.067,4230	8.281.324,8738	887,411m	885,168m	
42+020,00	2101	209.086,7249	8.281.330,1089	888,906m	886,239m	
42+040,00	2102	209.106,1724	8.281.334,7742	890,411m	887,311m	
42+060,00	2103	209.125,7488	8.281.338,8655	891,892m	888,382m	
42+080,00	2104	209.145,4369	8.281.342,3794	893,194m	889,453m	
42+100,00	2105	209.165,2199	8.281.345,3127	894,474m	890,525m	
42+120,00	2106	209.185,0806	8.281.347,6630	895,703m	891,596m	
42+140,00	2107	209.205,0018	8.281.349,4283	896,391m	892,667m	
42+160,00	2108	209.224,9663	8.281.350,6069	896,874m	893,739m	
42+180,00	2109	209.244,9569	8.281.351,1980	897,123m	894,810m	
42+200,00	2110	209.264,9562	8.281.351,2009	896,994m	895,881m	
42+220,00	2111	209.284,9469	8.281.350,6157	895,936m	896,953m	
42+240,00	2112	209.304,9117	8.281.349,4428	895,087m	898,024m	
42+260,00	2113	209.324,8335	8.281.347,6834	894,911m	899,095m	
42+280,00	2114	209.344,6949	8.281.345,3388	895,390m	900,166m	
42+288,97	2114+8,97	209.353,5788	8.281.344,0977	895,805m	900,647m	CE
42+300,00	2115	209.364,4793	8.281.342,4153	896,386m	901,238m	
42+320,00	2116	209.384,1840	8.281.338,9932	897,765m	902,309m	
42+340,00	2117	209.403,8241	8.281.335,2169	899,528m	903,401m	
42+360,00	2118	209.423,4229	8.281.331,2315	901,235m	904,534m	
42+368,97	2118+8,97	209.432,2073	8.281.329,4145	902,178m	905,055m	ET
42+380,00	2119	209.443,0078	8.281.327,1776	903,418m	905,708m	
42+400,00	2120	209.462,5921	8.281.323,1215	905,514m	906,923m	
42+420,00	2121	209.482,1765	8.281.319,0653	907,286m	908,179m	
42+440,00	2122	209.501,7609	8.281.315,0092	909,065m	909,477m	
42+460,00	2123	209.521,3453	8.281.310,9531	910,774m	910,815m	
42+480,00	2124	209.540,9297	8.281.306,8970	912,179m	912,194m	
42+500,00	2125	209.560,5140	8.281.302,8409	913,708m	913,594m	
42+520,00	2126	209.580,0984	8.281.298,7847	915,283m	914,994m	
42+540,00	2127	209.599,6828	8.281.294,7286	916,956m	916,394m	
42+560,00	2128	209.619,2672	8.281.290,6725	918,639m	917,794m	
42+580,00	2129	209.638,8516	8.281.286,6164	920,143m	919,194m	
42+600,00	2130	209.658,4359	8.281.282,5603	921,364m	920,594m	
42+620,00	2131	209.678,0203	8.281.278,5041	922,059m	921,994m	
42+640,00	2132	209.697,6047	8.281.274,4480	922,465m	923,394m	
42+660,00	2133	209.717,1891	8.281.270,3919	922,975m	924,794m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
42+680,00	2134	209.736,7734	8.281.266,3358	923,768m	926,194m	
42+700,00	2135	209.756,3578	8.281.262,2796	924,836m	927,594m	
42+720,00	2136	209.775,9422	8.281.258,2235	925,613m	928,994m	
42+740,00	2137	209.795,5266	8.281.254,1674	926,696m	930,340m	
42+760,00	2138	209.815,1110	8.281.250,1113	928,266m	931,577m	
42+780,00	2139	209.834,6953	8.281.246,0552	929,622m	932,704m	
42+800,00	2140	209.854,2797	8.281.241,9990	930,860m	933,723m	
42+820,00	2141	209.873,8641	8.281.237,9429	932,007m	934,633m	
42+840,00	2142	209.893,4485	8.281.233,8868	932,905m	935,434m	
42+860,00	2143	209.913,0329	8.281.229,8307	933,821m	936,126m	
42+880,00	2144	209.932,6172	8.281.225,7746	934,440m	936,709m	
42+900,00	2145	209.952,2016	8.281.221,7184	934,964m	937,183m	
42+920,00	2146	209.971,7860	8.281.217,6623	935,793m	937,548m	
42+940,00	2147	209.991,3704	8.281.213,6062	936,593m	937,859m	
42+960,00	2148	210.010,9547	8.281.209,5501	937,198m	938,169m	
42+980,00	2149	210.030,5391	8.281.205,4939	937,364m	938,480m	
43+000,00	2150	210.050,1235	8.281.201,4378	937,373m	938,791m	
43+020,00	2151	210.069,7079	8.281.197,3817	937,437m	939,101m	
43+040,00	2152	210.089,2923	8.281.193,3256	937,627m	939,412m	
43+060,00	2153	210.108,8766	8.281.189,2695	937,912m	939,723m	
43+080,00	2154	210.128,4610	8.281.185,2133	938,157m	940,033m	
43+100,00	2155	210.148,0454	8.281.181,1572	938,339m	940,344m	
43+120,00	2156	210.167,6298	8.281.177,1011	938,680m	940,655m	
43+140,00	2157	210.187,2141	8.281.173,0450	939,003m	940,966m	
43+160,00	2158	210.206,7985	8.281.168,9889	939,338m	941,276m	
43+180,00	2159	210.226,3829	8.281.164,9327	939,665m	941,587m	
43+200,00	2160	210.245,9673	8.281.160,8766	940,099m	941,898m	
43+220,00	2161	210.265,5517	8.281.156,8205	940,430m	942,208m	
43+240,00	2162	210.285,1360	8.281.152,7644	940,681m	942,519m	
43+260,00	2163	210.304,7204	8.281.148,7082	940,961m	942,830m	
43+280,00	2164	210.324,3048	8.281.144,6521	941,352m	943,140m	
43+300,00	2165	210.343,8892	8.281.140,5960	941,604m	943,451m	
43+320,00	2166	210.363,4736	8.281.136,5399	941,852m	943,762m	
43+340,00	2167	210.383,0579	8.281.132,4838	942,109m	944,073m	
43+360,00	2168	210.402,6423	8.281.128,4276	942,565m	944,413m	
43+380,00	2169	210.422,2267	8.281.124,3715	942,960m	944,811m	
43+400,00	2170	210.441,8111	8.281.120,3154	943,307m	945,269m	
43+420,00	2171	210.461,3954	8.281.116,2593	943,772m	945,785m	
43+440,00	2172	210.480,9798	8.281.112,2032	944,358m	946,360m	
43+460,00	2173	210.500,5642	8.281.108,1470	944,986m	946,994m	
43+463,49	2173+3,49	210.503,9830	8.281.107,4390	945,080m	947,111m	TE
43+480,00	2174	210.520,1510	8.281.104,1024	945,545m	947,687m	
43+500,00	2175	210.539,7583	8.281.100,1590	946,136m	948,438m	
43+520,00	2176	210.559,4092	8.281.096,4395	946,812m	949,248m	
43+540,00	2177	210.579,1225	8.281.093,0677	947,442m	950,117m	
43+543,49	2177+3,49	210.582,5713	8.281.092,5239	947,552m	950,273m	EC
43+560,00	2178	210.598,9090	8.281.090,1565	948,220m	951,015m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
43+580,00	2179	210.618,7621	8.281.087,7407	949,148m	951,913m	
43+600,00	2180	210.638,6693	8.281.085,8220	950,250m	952,811m	
43+620,00	2181	210.658,6182	8.281.084,4015	951,285m	953,709m	
43+627,23	2181+7,23	210.665,8393	8.281.084,0107	951,601m	954,034m	CE
43+640,00	2182	210.678,5963	8.281.083,4747	952,233m	954,607m	
43+660,00	2183	210.698,5896	8.281.082,9668	953,182m	955,505m	
43+680,00	2184	210.718,5883	8.281.082,7541	954,036m	956,403m	
43+700,00	2185	210.738,5883	8.281.082,7115	954,950m	957,302m	
43+707,23	2185+7,23	210.745,8199	8.281.082,7138	955,300m	957,626m	ET
43+720,00	2186	210.758,5883	8.281.082,7196	955,971m	958,200m	
43+740,00	2187	210.778,5882	8.281.082,7286	956,922m	959,098m	
43+760,00	2188	210.798,5882	8.281.082,7377	958,120m	959,996m	
43+780,00	2189	210.818,5882	8.281.082,7467	959,141m	960,894m	
43+800,00	2190	210.838,5882	8.281.082,7558	960,100m	961,792m	
43+820,00	2191	210.858,5882	8.281.082,7649	961,226m	962,690m	
43+840,00	2192	210.878,5882	8.281.082,7739	962,419m	963,588m	
43+860,00	2193	210.898,5882	8.281.082,7830	963,362m	964,487m	
43+880,00	2194	210.918,5882	8.281.082,7920	964,209m	965,385m	
43+900,00	2195	210.938,5882	8.281.082,8011	965,047m	966,283m	
43+920,00	2196	210.958,5882	8.281.082,8101	965,805m	967,181m	
43+940,00	2197	210.978,5882	8.281.082,8192	966,534m	968,079m	
43+960,00	2198	210.998,5882	8.281.082,8282	967,248m	968,977m	
43+980,00	2199	211.018,5882	8.281.082,8373	967,944m	969,875m	
44+000,00	2200	211.038,5882	8.281.082,8463	968,670m	970,773m	
44+010,00	2200+10,00	211.048,5882	8.281.082,8509	969,075m	971,222m	PCV
44+020,00	2201	211.058,5882	8.281.082,8554	969,438m	971,665m	
44+040,00	2202	211.078,5882	8.281.082,8645	970,141m	972,514m	
44+060,00	2203	211.098,5882	8.281.082,8735	970,835m	973,313m	
44+080,00	2204	211.118,5882	8.281.082,8826	971,513m	974,062m	
44+100,00	2205	211.138,5882	8.281.082,8916	972,194m	974,763m	
44+110,00	2205+10,00	211.148,5882	8.281.082,8961	972,553m	975,094m	PIV
44+120,00	2206	211.158,5882	8.281.082,9007	972,907m	975,413m	
44+140,00	2207	211.178,5882	8.281.082,9097	973,605m	976,014m	
44+160,00	2208	211.198,5882	8.281.082,9188	974,309m	976,566m	
44+180,00	2209	211.218,5882	8.281.082,9278	974,806m	977,068m	
44+200,00	2210	211.238,5882	8.281.082,9369	975,324m	977,520m	
44+210,00	2210+10,00	211.248,5882	8.281.082,9414	975,690m	977,728m	PTV
44+220,00	2211	211.258,5882	8.281.082,9459	975,936m	977,929m	
44+240,00	2212	211.278,5882	8.281.082,9550	976,486m	978,332m	
44+260,00	2213	211.298,5882	8.281.082,9640	977,027m	978,735m	
44+280,00	2214	211.318,5882	8.281.082,9731	977,529m	979,138m	
44+300,00	2215	211.338,5882	8.281.082,9822	978,072m	979,541m	
44+320,00	2216	211.358,5882	8.281.082,9912	978,673m	979,944m	
44+336,06	2216+16,06	211.374,6498	8.281.082,9985	979,036m	980,267m	
44+340,00	2217	211.378,5881	8.281.083,0266	979,103m	980,347m	
44+360,00	2218	211.398,5876	8.281.083,1691	979,485m	980,750m	
44+380,00	2219	211.418,5871	8.281.083,3117	979,913m	981,152m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
44+400,00	2220	211.438,5866	8.281.083,4543	980,469m	981,555m	
44+420,00	2221	211.458,5861	8.281.083,5968	980,954m	981,958m	
44+440,00	2222	211.478,5855	8.281.083,7394	981,417m	982,361m	
44+460,00	2223	211.498,5850	8.281.083,8820	981,850m	982,764m	
44+480,00	2224	211.518,5845	8.281.084,0245	982,176m	983,167m	
44+500,00	2225	211.538,5840	8.281.084,1671	982,619m	983,570m	
44+520,00	2226	211.558,5835	8.281.084,3097	983,020m	983,973m	
44+540,00	2227	211.578,5830	8.281.084,4523	983,414m	984,376m	
44+560,00	2228	211.598,5825	8.281.084,5948	983,918m	984,779m	
44+580,00	2229	211.618,5820	8.281.084,7374	984,374m	985,182m	
44+600,00	2230	211.638,5815	8.281.084,8800	984,756m	985,585m	
44+620,00	2231	211.658,5810	8.281.085,0225	985,072m	985,988m	
44+640,00	2232	211.678,5805	8.281.085,1651	985,257m	986,390m	
44+660,00	2233	211.698,5800	8.281.085,3077	985,603m	986,793m	
44+680,00	2234	211.718,5794	8.281.085,4502	985,817m	987,196m	
44+700,00	2235	211.738,5789	8.281.085,5928	986,189m	987,599m	
44+720,00	2236	211.758,5784	8.281.085,7354	986,605m	988,002m	
44+740,00	2237	211.778,5779	8.281.085,8779	987,153m	988,405m	
44+760,00	2238	211.798,5774	8.281.086,0205	987,755m	988,808m	
44+780,00	2239	211.818,5769	8.281.086,1631	988,392m	989,211m	
44+800,00	2240	211.838,5764	8.281.086,3057	989,034m	989,614m	
44+820,00	2241	211.858,5759	8.281.086,4482	989,571m	990,017m	
44+840,00	2242	211.878,5754	8.281.086,5908	990,159m	990,420m	
44+849,62	2242+9,62	211.888,1913	8.281.086,6593	990,390m	990,613m	
44+860,00	2243	211.898,5751	8.281.086,6839	990,623m	990,823m	
44+880,00	2244	211.918,5751	8.281.086,7313	991,110m	991,226m	
44+900,00	2245	211.938,5750	8.281.086,7786	991,618m	991,628m	
44+920,00	2246	211.958,5749	8.281.086,8259	992,043m	992,031m	
44+940,00	2247	211.978,5749	8.281.086,8733	992,511m	992,434m	
44+960,00	2248	211.998,5748	8.281.086,9206	992,890m	992,837m	
44+980,00	2249	212.018,5748	8.281.086,9679	993,363m	993,240m	
45+000,00	2250	212.038,5747	8.281.087,0153	993,794m	993,643m	
45+020,00	2251	212.058,5747	8.281.087,0626	994,101m	994,046m	
45+020,00	2251	212.058,5747	8.281.087,0626	994,101m	994,046m	PCV
45+040,00	2252	212.078,5746	8.281.087,1100	994,473m	994,433m	
45+040,00	2252	212.078,5746	8.281.087,1100	994,473m	994,433m	PIV
45+060,00	2253	212.098,5746	8.281.087,1573	994,776m	994,789m	
45+060,00	2253	212.098,5746	8.281.087,1573	994,776m	994,789m	PTV
45+080,00	2254	212.118,5745	8.281.087,2046	995,106m	995,129m	
45+100,00	2255	212.138,5744	8.281.087,2520	995,729m	995,469m	
45+105,18	2255+5,18	212.143,7561	8.281.087,2642	995,893m	995,557m	PC
45+120,00	2256	212.158,5743	8.281.087,3213	996,163m	995,809m	
45+140,00	2257	212.178,5738	8.281.087,4679	996,691m	996,149m	
45+160,00	2258	212.198,5725	8.281.087,6945	996,915m	996,489m	
45+163,95	2258+3,95	212.202,5251	8.281.087,7487	996,848m	996,556m	PT
45+180,00	2259	212.218,5705	8.281.087,9753	996,737m	996,829m	
45+200,00	2260	212.238,5685	8.281.088,2578	997,071m	997,168m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
45+220,00	2261	212.258,5665	8.281.088,5402	997,516m	997,508m	
45+220,00	2261	212.258,5665	8.281.088,5402	997,516m	997,508m	PCV
45+240,00	2262	212.278,5645	8.281.088,8226	998,077m	997,810m	
45+240,00	2262	212.278,5645	8.281.088,8226	998,077m	997,810m	PIV
45+260,00	2263	212.298,5625	8.281.089,1050	998,422m	998,035m	
45+260,00	2263	212.298,5625	8.281.089,1050	998,422m	998,035m	PTV
45+260,68	2263+0,68	212.299,2443	8.281.089,1146	998,415m	998,041m	PC
45+280,00	2264	212.318,5610	8.281.089,3501	998,411m	998,221m	
45+290,00	2264+10,00	212.328,5606	8.281.089,4427	998,503m	998,315m	PCV
45+300,00	2265	212.338,5603	8.281.089,5152	998,526m	998,415m	
45+309,01	2265+9,01	212.347,5733	8.281.089,5635	998,462m	998,516m	PT
45+310,00	2265+10,00	212.348,5602	8.281.089,5679	998,477m	998,528m	PIV
45+320,00	2266	212.358,5601	8.281.089,6125	998,542m	998,655m	
45+330,00	2266+10,00	212.368,5600	8.281.089,6570	998,667m	998,795m	PTV
45+340,00	2267	212.378,5599	8.281.089,7016	998,887m	998,942m	
45+360,00	2268	212.398,5597	8.281.089,7907	999,366m	999,236m	
45+380,00	2269	212.418,5595	8.281.089,8798	999,638m	999,531m	
45+400,00	2270	212.438,5593	8.281.089,9689	999,920m	999,825m	
45+420,00	2271	212.458,5591	8.281.090,0580	1.000,236m	1.000,119m	
45+440,00	2272	212.478,5589	8.281.090,1470	1.000,526m	1.000,413m	
45+460,00	2273	212.498,5587	8.281.090,2361	1.000,810m	1.000,707m	
45+480,00	2274	212.518,5585	8.281.090,3252	1.001,111m	1.001,001m	
45+500,00	2275	212.538,5583	8.281.090,4143	1.001,442m	1.001,295m	
45+520,00	2276	212.558,5581	8.281.090,5034	1.001,729m	1.001,589m	
45+540,00	2277	212.578,5579	8.281.090,5925	1.002,044m	1.001,883m	
45+560,00	2278	212.598,5577	8.281.090,6816	1.002,344m	1.002,177m	
45+580,00	2279	212.618,5575	8.281.090,7707	1.002,631m	1.002,471m	
45+600,00	2280	212.638,5573	8.281.090,8598	1.002,964m	1.002,765m	
45+620,00	2281	212.658,5571	8.281.090,9489	1.003,270m	1.003,059m	
45+640,00	2282	212.678,5569	8.281.091,0380	1.003,551m	1.003,353m	
45+660,00	2283	212.698,5567	8.281.091,1271	1.003,830m	1.003,647m	
45+680,00	2284	212.718,5565	8.281.091,2162	1.004,121m	1.003,941m	
45+700,00	2285	212.738,5563	8.281.091,3053	1.004,440m	1.004,236m	
45+720,00	2286	212.758,5561	8.281.091,3944	1.004,759m	1.004,530m	
45+740,00	2287	212.778,5559	8.281.091,4835	1.005,054m	1.004,824m	
45+760,00	2288	212.798,5557	8.281.091,5726	1.005,357m	1.005,118m	
45+780,00	2289	212.818,5555	8.281.091,6617	1.005,606m	1.005,412m	
45+790,00	2289+10,00	212.828,5554	8.281.091,7063	1.005,720m	1.005,559m	PCV
45+800,00	2290	212.838,5553	8.281.091,7508	1.005,869m	1.005,705m	
45+820,00	2291	212.858,5551	8.281.091,8399	1.006,143m	1.005,990m	
45+840,00	2292	212.878,5549	8.281.091,9290	1.006,421m	1.006,266m	
45+860,00	2293	212.898,5547	8.281.092,0181	1.006,645m	1.006,532m	
45+880,00	2294	212.918,5545	8.281.092,1072	1.006,900m	1.006,790m	
45+900,00	2295	212.938,5543	8.281.092,1963	1.007,154m	1.007,039m	
45+920,00	2296	212.958,5541	8.281.092,2854	1.007,371m	1.007,278m	
45+940,00	2297	212.978,5539	8.281.092,3745	1.007,597m	1.007,509m	
45+960,00	2298	212.998,5537	8.281.092,4636	1.007,768m	1.007,730m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
45+980,00	2299	213.018,5535	8.281.092,5527	1.007,948m	1.007,943m	
46+000,00	2300	213.038,5533	8.281.092,6418	1.008,214m	1.008,146m	
46+020,00	2301	213.058,5531	8.281.092,7309	1.008,394m	1.008,340m	
46+040,00	2302	213.078,5529	8.281.092,8200	1.008,548m	1.008,525m	
46+060,00	2303	213.098,5527	8.281.092,9091	1.008,714m	1.008,701m	
46+080,00	2304	213.118,5525	8.281.092,9982	1.008,888m	1.008,868m	
46+090,00	2304+10,00	213.128,5524	8.281.093,0427	1.008,968m	1.008,948m	PIV
46+100,00	2305	213.138,5523	8.281.093,0873	1.009,042m	1.009,026m	
46+120,00	2306	213.158,5521	8.281.093,1764	1.009,168m	1.009,175m	
46+140,00	2307	213.178,5519	8.281.093,2655	1.009,293m	1.009,314m	
46+160,00	2308	213.198,5517	8.281.093,3546	1.009,421m	1.009,445m	
46+180,00	2309	213.218,5515	8.281.093,4437	1.009,561m	1.009,566m	
46+200,00	2310	213.238,5513	8.281.093,5328	1.009,650m	1.009,679m	
46+220,00	2311	213.258,5511	8.281.093,6219	1.009,710m	1.009,782m	
46+240,00	2312	213.278,5509	8.281.093,7110	1.009,797m	1.009,877m	
46+260,00	2313	213.298,5507	8.281.093,8001	1.009,873m	1.009,962m	
46+280,00	2314	213.318,5505	8.281.093,8892	1.009,976m	1.010,038m	
46+300,00	2315	213.338,5503	8.281.093,9783	1.010,039m	1.010,105m	
46+320,00	2316	213.358,5501	8.281.094,0673	1.010,145m	1.010,163m	
46+340,00	2317	213.378,5499	8.281.094,1564	1.010,207m	1.010,212m	
46+360,00	2318	213.398,5497	8.281.094,2455	1.010,252m	1.010,251m	
46+380,00	2319	213.418,5495	8.281.094,3346	1.010,248m	1.010,282m	
46+390,00	2319+10,00	213.428,5494	8.281.094,3792	1.010,253m	1.010,294m	PTV
46+400,00	2320	213.438,5493	8.281.094,4237	1.010,277m	1.010,305m	
46+420,00	2321	213.458,5491	8.281.094,5128	1.010,293m	1.010,326m	
46+440,00	2322	213.478,5489	8.281.094,6019	1.010,318m	1.010,348m	
46+460,00	2323	213.498,5488	8.281.094,6910	1.010,319m	1.010,370m	
46+480,00	2324	213.518,5486	8.281.094,7801	1.010,346m	1.010,391m	
46+500,00	2325	213.538,5484	8.281.094,8692	1.010,383m	1.010,413m	
46+520,00	2326	213.558,5482	8.281.094,9583	1.010,421m	1.010,435m	
46+540,00	2327	213.578,5480	8.281.095,0474	1.010,407m	1.010,456m	
46+560,00	2328	213.598,5478	8.281.095,1365	1.010,454m	1.010,478m	
46+580,00	2329	213.618,5476	8.281.095,2256	1.010,484m	1.010,499m	
46+600,00	2330	213.638,5474	8.281.095,3147	1.010,500m	1.010,521m	
46+620,00	2331	213.658,5472	8.281.095,4038	1.010,521m	1.010,543m	PCV
46+620,00	2331	213.658,5472	8.281.095,4038	1.010,521m	1.010,543m	
46+640,00	2332	213.678,5470	8.281.095,4929	1.010,540m	1.010,557m	PIV
46+640,00	2332	213.678,5470	8.281.095,4929	1.010,540m	1.010,557m	
46+651,13	2332+11,13	213.689,6794	8.281.095,5425	1.010,550m	1.010,559m	PB
46+660,00	2333	213.698,5468	8.281.095,5820	1.010,555m	1.010,558m	PTV
46+660,00	2333	213.698,5468	8.281.095,5820	1.010,555m	1.010,558m	
46+680,00	2334	213.718,5466	8.281.095,6711	1.010,558m	1.010,552m	
46+700,00	2335	213.738,5464	8.281.095,7602	1.010,549m	1.010,546m	
46+720,00	2336	213.758,5462	8.281.095,8493	1.010,536m	1.010,540m	
46+740,00	2337	213.778,5460	8.281.095,9384	1.010,541m	1.010,533m	
46+760,00	2338	213.798,5458	8.281.096,0275	1.010,571m	1.010,527m	
46+780,00	2339	213.818,5456	8.281.096,1166	1.010,586m	1.010,521m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
46+800,00	2340	213.838,5454	8.281.096,2057	1.010,566m	1.010,515m	
46+820,00	2341	213.858,5452	8.281.096,2948	1.010,569m	1.010,509m	
46+840,00	2342	213.878,5450	8.281.096,3839	1.010,556m	1.010,503m	
46+860,00	2343	213.898,5448	8.281.096,4730	1.010,538m	1.010,497m	
46+880,00	2344	213.918,5446	8.281.096,5621	1.010,564m	1.010,490m	
46+900,00	2345	213.938,5444	8.281.096,6512	1.010,534m	1.010,484m	
46+920,00	2346	213.958,5442	8.281.096,7403	1.010,495m	1.010,478m	
46+940,00	2347	213.978,5440	8.281.096,8294	1.010,485m	1.010,472m	
46+960,00	2348	213.998,5438	8.281.096,9185	1.010,485m	1.010,466m	
46+980,00	2349	214.018,5436	8.281.097,0076	1.010,473m	1.010,460m	
47+000,00	2350	214.038,5434	8.281.097,0967	1.010,451m	1.010,453m	
47+020,00	2351	214.058,5432	8.281.097,1858	1.010,400m	1.010,447m	
47+040,00	2352	214.078,5430	8.281.097,2749	1.010,371m	1.010,441m	
47+060,00	2353	214.098,5428	8.281.097,3640	1.010,363m	1.010,435m	
47+080,00	2354	214.118,5426	8.281.097,4531	1.010,345m	1.010,429m	
47+100,00	2355	214.138,5424	8.281.097,5422	1.010,310m	1.010,423m	
47+120,00	2356	214.158,5422	8.281.097,6313	1.010,298m	1.010,417m	
47+140,00	2357	214.178,5420	8.281.097,7204	1.010,285m	1.010,410m	
47+160,00	2358	214.198,5418	8.281.097,8095	1.010,287m	1.010,404m	
47+180,00	2359	214.218,5416	8.281.097,8986	1.010,292m	1.010,398m	
47+200,00	2360	214.238,5414	8.281.097,9877	1.010,299m	1.010,392m	
47+220,00	2361	214.258,5412	8.281.098,0767	1.010,305m	1.010,386m	
47+240,00	2362	214.278,5410	8.281.098,1658	1.010,295m	1.010,380m	
47+260,00	2363	214.298,5408	8.281.098,2549	1.010,267m	1.010,373m	
47+280,00	2364	214.318,5406	8.281.098,3440	1.010,251m	1.010,367m	
47+300,00	2365	214.338,5404	8.281.098,4331	1.010,272m	1.010,361m	
47+320,00	2366	214.358,5402	8.281.098,5222	1.010,295m	1.010,355m	
47+340,00	2367	214.378,5400	8.281.098,6113	1.010,293m	1.010,349m	
47+360,00	2368	214.398,5398	8.281.098,7004	1.010,323m	1.010,343m	
47+380,00	2369	214.418,5396	8.281.098,7895	1.010,338m	1.010,336m	PCV
47+380,00	2369	214.418,5396	8.281.098,7895	1.010,338m	1.010,336m	
47+389,13	2369+9,13	214.427,6676	8.281.098,8302	1.010,344m	1.010,335m	
47+400,00	2370	214.438,5394	8.281.098,8786	1.010,345m	1.010,337m	PIV
47+400,00	2370	214.438,5394	8.281.098,8786	1.010,345m	1.010,337m	
47+420,00	2371	214.458,5392	8.281.098,9677	1.010,359m	1.010,351m	PTV
47+420,00	2371	214.458,5392	8.281.098,9677	1.010,359m	1.010,351m	
47+440,00	2372	214.478,5390	8.281.099,0568	1.010,393m	1.010,372m	
47+460,00	2373	214.498,5388	8.281.099,1459	1.010,375m	1.010,393m	
47+480,00	2374	214.518,5386	8.281.099,2350	1.010,378m	1.010,414m	
47+500,00	2375	214.538,5384	8.281.099,3241	1.010,409m	1.010,434m	
47+520,00	2376	214.558,5382	8.281.099,4132	1.010,423m	1.010,455m	
47+540,00	2377	214.578,5380	8.281.099,5023	1.010,448m	1.010,476m	
47+560,00	2378	214.598,5378	8.281.099,5914	1.010,456m	1.010,497m	
47+580,00	2379	214.618,5376	8.281.099,6805	1.010,480m	1.010,518m	
47+600,00	2380	214.638,5374	8.281.099,7696	1.010,503m	1.010,539m	
47+620,00	2381	214.658,5372	8.281.099,8587	1.010,546m	1.010,559m	
47+640,00	2382	214.678,5370	8.281.099,9478	1.010,584m	1.010,580m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
47+660,00	2383	214.698,5368	8.281.100,0369	1.010,593m	1.010,601m	
47+680,00	2384	214.718,5366	8.281.100,1260	1.010,632m	1.010,622m	
47+700,00	2385	214.738,5364	8.281.100,2151	1.010,650m	1.010,643m	
47+720,00	2386	214.758,5362	8.281.100,3042	1.010,655m	1.010,663m	
47+740,00	2387	214.778,5360	8.281.100,3933	1.010,699m	1.010,684m	
47+760,00	2388	214.798,5359	8.281.100,4824	1.010,719m	1.010,705m	
47+780,00	2389	214.818,5357	8.281.100,5715	1.010,737m	1.010,726m	
47+800,00	2390	214.838,5355	8.281.100,6606	1.010,747m	1.010,747m	
47+820,00	2391	214.858,5353	8.281.100,7497	1.010,773m	1.010,768m	
47+840,00	2392	214.878,5351	8.281.100,8388	1.010,792m	1.010,788m	
47+860,00	2393	214.898,5349	8.281.100,9279	1.010,802m	1.010,809m	
47+880,00	2394	214.918,5347	8.281.101,0170	1.010,837m	1.010,830m	
47+900,00	2395	214.938,5345	8.281.101,1061	1.010,828m	1.010,851m	
47+920,00	2396	214.958,5343	8.281.101,1952	1.010,851m	1.010,872m	
47+940,00	2397	214.978,5341	8.281.101,2843	1.010,892m	1.010,893m	
47+960,00	2398	214.998,5339	8.281.101,3734	1.010,907m	1.010,913m	
47+980,00	2399	215.018,5337	8.281.101,4625	1.010,895m	1.010,934m	
48+000,00	2400	215.038,5335	8.281.101,5516	1.010,892m	1.010,955m	
48+020,00	2401	215.058,5333	8.281.101,6407	1.010,915m	1.010,976m	
48+040,00	2402	215.078,5331	8.281.101,7298	1.010,994m	1.010,997m	
48+060,00	2403	215.098,5329	8.281.101,8189	1.011,049m	1.011,017m	
48+080,00	2404	215.118,5327	8.281.101,9080	1.011,067m	1.011,038m	
48+100,00	2405	215.138,5325	8.281.101,9970	1.011,097m	1.011,059m	
48+120,00	2406	215.158,5323	8.281.102,0861	1.011,091m	1.011,080m	
48+140,00	2407	215.178,5321	8.281.102,1752	1.011,132m	1.011,101m	
48+160,00	2408	215.198,5319	8.281.102,2643	1.011,158m	1.011,122m	
48+180,00	2409	215.218,5317	8.281.102,3534	1.011,172m	1.011,142m	
48+199,14	2409+19,14	215.237,6685	8.281.102,4387	1.011,122m	1.011,162m	
48+200,00	2410	215.238,5315	8.281.102,4430	1.011,123m	1.011,163m	
48+220,00	2411	215.258,5312	8.281.102,5418	1.011,186m	1.011,184m	
48+240,00	2412	215.278,5310	8.281.102,6407	1.011,221m	1.011,205m	
48+260,00	2413	215.298,5307	8.281.102,7395	1.011,234m	1.011,226m	
48+280,00	2414	215.318,5305	8.281.102,8384	1.011,257m	1.011,247m	
48+300,00	2415	215.338,5303	8.281.102,9372	1.011,267m	1.011,267m	
48+320,00	2416	215.358,5300	8.281.103,0361	1.011,311m	1.011,288m	
48+340,00	2417	215.378,5298	8.281.103,1349	1.011,339m	1.011,309m	
48+360,00	2418	215.398,5295	8.281.103,2338	1.011,352m	1.011,330m	
48+380,00	2419	215.418,5293	8.281.103,3326	1.011,387m	1.011,351m	
48+400,00	2420	215.438,5290	8.281.103,4315	1.011,398m	1.011,372m	
48+420,00	2421	215.458,5288	8.281.103,5303	1.011,398m	1.011,392m	
48+440,00	2422	215.478,5286	8.281.103,6292	1.011,417m	1.011,413m	
48+460,00	2423	215.498,5283	8.281.103,7280	1.011,461m	1.011,434m	
48+480,00	2424	215.518,5281	8.281.103,8269	1.011,483m	1.011,455m	
48+500,00	2425	215.538,5278	8.281.103,9257	1.011,517m	1.011,476m	
48+520,00	2426	215.558,5276	8.281.104,0246	1.011,547m	1.011,496m	
48+540,00	2427	215.578,5273	8.281.104,1235	1.011,572m	1.011,517m	
48+560,00	2428	215.598,5271	8.281.104,2223	1.011,566m	1.011,538m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
48+580,00	2429	215.618,5268	8.281.104,3212	1.011,533m	1.011,559m	
48+600,00	2430	215.638,5266	8.281.104,4200	1.011,549m	1.011,580m	
48+620,00	2431	215.658,5264	8.281.104,5189	1.011,579m	1.011,601m	
48+640,00	2432	215.678,5261	8.281.104,6177	1.011,559m	1.011,621m	
48+660,00	2433	215.698,5259	8.281.104,7166	1.011,620m	1.011,642m	
48+680,00	2434	215.718,5256	8.281.104,8154	1.011,648m	1.011,663m	
48+700,00	2435	215.738,5254	8.281.104,9143	1.011,696m	1.011,684m	
48+720,00	2436	215.758,5251	8.281.105,0131	1.011,722m	1.011,705m	
48+740,00	2437	215.778,5249	8.281.105,1120	1.011,747m	1.011,726m	
48+760,00	2438	215.798,5246	8.281.105,2108	1.011,715m	1.011,746m	
48+780,00	2439	215.818,5244	8.281.105,3097	1.011,785m	1.011,767m	
48+800,00	2440	215.838,5242	8.281.105,4085	1.011,816m	1.011,788m	PCV
48+800,00	2440	215.838,5242	8.281.105,4085	1.011,816m	1.011,788m	
48+820,00	2441	215.858,5239	8.281.105,5074	1.011,833m	1.011,811m	
48+840,00	2442	215.878,5237	8.281.105,6062	1.011,866m	1.011,839m	
48+860,00	2443	215.898,5234	8.281.105,7051	1.011,895m	1.011,872m	
48+880,00	2444	215.918,5232	8.281.105,8039	1.011,951m	1.011,910m	
48+900,00	2445	215.938,5229	8.281.105,9028	1.011,987m	1.011,952m	PIV
48+900,00	2445	215.938,5229	8.281.105,9028	1.011,987m	1.011,952m	
48+920,00	2446	215.958,5227	8.281.106,0017	1.012,024m	1.011,999m	
48+940,00	2447	215.978,5224	8.281.106,1005	1.012,046m	1.012,051m	
48+960,00	2448	215.998,5222	8.281.106,1994	1.012,096m	1.012,108m	
48+980,00	2449	216.018,5220	8.281.106,2982	1.012,144m	1.012,169m	
49+000,00	2450	216.038,5217	8.281.106,3971	1.012,198m	1.012,235m	PTV
49+000,00	2450	216.038,5217	8.281.106,3971	1.012,198m	1.012,235m	
49+020,00	2451	216.058,5215	8.281.106,4959	1.012,246m	1.012,304m	
49+040,00	2452	216.078,5212	8.281.106,5948	1.012,307m	1.012,373m	
49+060,00	2453	216.098,5210	8.281.106,6936	1.012,375m	1.012,441m	
49+080,00	2454	216.118,5207	8.281.106,7925	1.012,435m	1.012,510m	
49+100,00	2455	216.138,5205	8.281.106,8913	1.012,586m	1.012,579m	
49+120,00	2456	216.158,5202	8.281.106,9902	1.012,661m	1.012,647m	
49+140,00	2457	216.178,5200	8.281.107,0890	1.012,717m	1.012,716m	
49+160,00	2458	216.198,5198	8.281.107,1879	1.012,775m	1.012,785m	
49+180,00	2459	216.218,5195	8.281.107,2867	1.012,842m	1.012,853m	
49+200,00	2460	216.238,5193	8.281.107,3856	1.012,927m	1.012,922m	
49+220,00	2461	216.258,5190	8.281.107,4844	1.013,008m	1.012,991m	
49+240,00	2462	216.278,5188	8.281.107,5833	1.013,095m	1.013,059m	
49+260,00	2463	216.298,5185	8.281.107,6821	1.013,220m	1.013,128m	
49+280,00	2464	216.318,5183	8.281.107,7810	1.013,218m	1.013,197m	
49+300,00	2465	216.338,5180	8.281.107,8799	1.013,246m	1.013,265m	
49+320,00	2466	216.358,5178	8.281.107,9787	1.013,293m	1.013,334m	
49+340,00	2467	216.378,5176	8.281.108,0776	1.013,387m	1.013,403m	
49+360,00	2468	216.398,5173	8.281.108,1764	1.013,460m	1.013,471m	
49+380,00	2469	216.418,5171	8.281.108,2753	1.013,525m	1.013,540m	
49+400,00	2470	216.438,5168	8.281.108,3741	1.013,612m	1.013,621m	
49+420,00	2471	216.458,5166	8.281.108,4730	1.013,721m	1.013,725m	
49+440,00	2472	216.478,5163	8.281.108,5718	1.013,818m	1.013,842m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
49+460,00	2473	216.498,5161	8.281.108,6707	1.013,956m	1.013,958m	
49+480,00	2474	216.518,5158	8.281.108,7695	1.014,085m	1.014,075m	
49+500,00	2475	216.538,5156	8.281.108,8684	1.014,204m	1.014,191m	
49+520,00	2476	216.558,5154	8.281.108,9672	1.014,342m	1.014,308m	
49+540,00	2477	216.578,5151	8.281.109,0661	1.014,451m	1.014,424m	
49+560,00	2478	216.598,5149	8.281.109,1649	1.014,558m	1.014,541m	
49+580,00	2479	216.618,5146	8.281.109,2638	1.014,679m	1.014,657m	
49+600,00	2480	216.638,5144	8.281.109,3626	1.014,776m	1.014,774m	
49+620,00	2481	216.658,5141	8.281.109,4615	1.014,894m	1.014,890m	
49+630,00	2481+10,00	216.668,5140	8.281.109,5109	1.014,968m	1.014,949m	PCV
49+640,00	2482	216.678,5139	8.281.109,5603	1.015,009m	1.015,009m	
49+650,00	2482+10,00	216.688,5138	8.281.109,6098	1.015,079m	1.015,074m	PIV
49+660,00	2483	216.698,5136	8.281.109,6592	1.015,155m	1.015,144m	
49+670,00	2483+10,00	216.708,5135	8.281.109,7086	1.015,225m	1.015,219m	PTV
49+680,00	2484	216.718,5134	8.281.109,7581	1.015,297m	1.015,296m	
49+700,00	2485	216.738,5132	8.281.109,8569	1.015,350m	1.015,450m	
49+720,00	2486	216.758,5129	8.281.109,9558	1.015,546m	1.015,603m	
49+740,00	2487	216.778,5127	8.281.110,0546	1.015,694m	1.015,757m	
49+760,00	2488	216.798,5124	8.281.110,1535	1.015,887m	1.015,911m	
49+780,00	2489	216.818,5122	8.281.110,2523	1.015,998m	1.016,065m	
49+800,00	2490	216.838,5119	8.281.110,3512	1.016,149m	1.016,219m	
49+820,00	2491	216.858,5117	8.281.110,4500	1.016,319m	1.016,373m	
49+840,00	2492	216.878,5114	8.281.110,5489	1.016,501m	1.016,526m	
49+860,00	2493	216.898,5112	8.281.110,6477	1.016,666m	1.016,680m	
49+870,00	2493+10,00	216.908,5111	8.281.110,6972	1.016,756m	1.016,757m	PCV
49+880,00	2494	216.918,5110	8.281.110,7466	1.016,839m	1.016,835m	
49+900,00	2495	216.938,5107	8.281.110,8454	1.017,016m	1.016,994m	
49+920,00	2496	216.958,5105	8.281.110,9443	1.017,192m	1.017,160m	
49+940,00	2497	216.978,5102	8.281.111,0431	1.017,378m	1.017,330m	
49+960,00	2498	216.998,5100	8.281.111,1420	1.017,571m	1.017,507m	
49+980,00	2499	217.018,5097	8.281.111,2408	1.017,781m	1.017,690m	
50+000,00	2500	217.038,5095	8.281.111,3397	1.017,972m	1.017,878m	
50+020,00	2501	217.058,5093	8.281.111,4385	1.018,189m	1.018,072m	
50+040,00	2502	217.078,5090	8.281.111,5374	1.018,539m	1.018,271m	
50+060,00	2503	217.098,5088	8.281.111,6363	1.018,493m	1.018,477m	
50+070,00	2503+10,00	217.108,5086	8.281.111,6857	1.018,580m	1.018,581m	PIV
50+080,00	2504	217.118,5085	8.281.111,7351	1.018,685m	1.018,688m	
50+100,00	2505	217.138,5083	8.281.111,8340	1.018,882m	1.018,904m	
50+120,00	2506	217.158,5080	8.281.111,9328	1.019,075m	1.019,127m	
50+140,00	2507	217.178,5078	8.281.112,0317	1.019,331m	1.019,355m	
50+160,00	2508	217.198,5075	8.281.112,1305	1.019,551m	1.019,589m	
50+180,00	2509	217.218,5073	8.281.112,2294	1.019,807m	1.019,829m	
50+200,00	2510	217.238,5071	8.281.112,3282	1.020,026m	1.020,074m	
50+220,00	2511	217.258,5068	8.281.112,4271	1.020,256m	1.020,325m	
50+240,00	2512	217.278,5066	8.281.112,5259	1.020,500m	1.020,582m	
50+260,00	2513	217.298,5063	8.281.112,6248	1.020,756m	1.020,845m	
50+270,00	2513+10,00	217.308,5062	8.281.112,6742	1.020,888m	1.020,978m	PTV

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
50+280,00	2514	217.318,5061	8.281.112,7236	1.021,022m	1.021,112m	
50+300,00	2515	217.338,5058	8.281.112,8225	1.021,285m	1.021,380m	
50+320,00	2516	217.358,5056	8.281.112,9213	1.021,548m	1.021,649m	
50+340,00	2517	217.378,5053	8.281.113,0202	1.021,803m	1.021,917m	
50+360,00	2518	217.398,5051	8.281.113,1190	1.022,063m	1.022,185m	
50+380,00	2519	217.418,5049	8.281.113,2179	1.022,348m	1.022,454m	
50+400,00	2520	217.438,5046	8.281.113,3167	1.022,598m	1.022,722m	
50+420,00	2521	217.458,5044	8.281.113,4156	1.022,877m	1.022,990m	
50+440,00	2522	217.478,5041	8.281.113,5145	1.023,313m	1.023,259m	
50+460,00	2523	217.498,5039	8.281.113,6133	1.023,395m	1.023,527m	
50+480,00	2524	217.518,5036	8.281.113,7122	1.023,620m	1.023,795m	
50+500,00	2525	217.538,5034	8.281.113,8110	1.023,863m	1.024,063m	
50+520,00	2526	217.558,5031	8.281.113,9099	1.024,129m	1.024,332m	
50+540,00	2527	217.578,5029	8.281.114,0087	1.024,411m	1.024,600m	
50+560,00	2528	217.598,5027	8.281.114,1076	1.024,711m	1.024,868m	
50+580,00	2529	217.618,5024	8.281.114,2064	1.024,957m	1.025,137m	
50+600,00	2530	217.638,5022	8.281.114,3053	1.025,173m	1.025,405m	
50+620,00	2531	217.658,5019	8.281.114,4041	1.025,667m	1.025,673m	
50+640,00	2532	217.678,5017	8.281.114,5030	1.026,419m	1.025,941m	
50+660,00	2533	217.698,5014	8.281.114,6018	1.026,645m	1.026,210m	
50+680,00	2534	217.718,5012	8.281.114,7007	1.026,929m	1.026,478m	
50+700,00	2535	217.738,5009	8.281.114,7995	1.027,210m	1.026,746m	
50+720,00	2536	217.758,5007	8.281.114,8984	1.027,462m	1.027,015m	
50+740,00	2537	217.778,5005	8.281.114,9972	1.027,736m	1.027,283m	
50+760,00	2538	217.798,5002	8.281.115,0961	1.028,023m	1.027,551m	
50+780,00	2539	217.818,5000	8.281.115,1950	1.028,282m	1.027,819m	
50+800,00	2540	217.838,4997	8.281.115,2938	1.028,525m	1.028,088m	
50+820,00	2541	217.858,4995	8.281.115,3927	1.028,782m	1.028,356m	
50+840,00	2542	217.878,4992	8.281.115,4915	1.029,022m	1.028,624m	
50+860,00	2543	217.898,4990	8.281.115,5904	1.029,255m	1.028,893m	
50+880,00	2544	217.918,4987	8.281.115,6892	1.029,487m	1.029,161m	
50+900,00	2545	217.938,4985	8.281.115,7881	1.029,718m	1.029,429m	
50+920,00	2546	217.958,4983	8.281.115,8869	1.029,969m	1.029,697m	
50+940,00	2547	217.978,4980	8.281.115,9858	1.030,214m	1.029,966m	
50+960,00	2548	217.998,4978	8.281.116,0846	1.030,387m	1.030,234m	
50+980,00	2549	218.018,4975	8.281.116,1835	1.030,567m	1.030,502m	
51+000,00	2550	218.038,4973	8.281.116,2823	1.030,889m	1.030,771m	
51+020,00	2551	218.058,4970	8.281.116,3812	1.031,099m	1.031,039m	
51+040,00	2552	218.078,4968	8.281.116,4800	1.031,334m	1.031,307m	
51+060,00	2553	218.098,4965	8.281.116,5789	1.031,575m	1.031,575m	
51+080,00	2554	218.118,4963	8.281.116,6777	1.031,791m	1.031,844m	
51+100,00	2555	218.138,4961	8.281.116,7766	1.032,001m	1.032,112m	
51+120,00	2556	218.158,4958	8.281.116,8754	1.032,206m	1.032,380m	
51+140,00	2557	218.178,4956	8.281.116,9743	1.032,415m	1.032,649m	
51+140,00	2557	218.178,4956	8.281.116,9743	1.032,415m	1.032,649m	PCV
51+160,00	2558	218.198,4953	8.281.117,0732	1.032,600m	1.032,910m	
51+180,00	2559	218.218,4951	8.281.117,1720	1.032,800m	1.033,159m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
51+190,00	2559+10,00	218.228,4950	8.281.117,2214	1.032,888m	1.033,278m	PIV
51+200,00	2560	218.238,4948	8.281.117,2709	1.032,978m	1.033,394m	
51+220,00	2561	218.258,4946	8.281.117,3697	1.033,332m	1.033,616m	
51+240,00	2562	218.278,4943	8.281.117,4686	1.033,588m	1.033,825m	
51+240,00	2562	218.278,4943	8.281.117,4686	1.033,588m	1.033,825m	PTV
51+260,00	2563	218.298,4941	8.281.117,5674	1.034,002m	1.034,027m	
51+280,00	2564	218.318,4939	8.281.117,6663	1.034,236m	1.034,230m	
51+300,00	2565	218.338,4936	8.281.117,7651	1.034,432m	1.034,432m	
51+320,00	2566	218.358,4934	8.281.117,8640	1.034,616m	1.034,634m	
51+340,00	2567	218.378,4931	8.281.117,9628	1.034,822m	1.034,836m	
51+360,00	2568	218.398,4929	8.281.118,0617	1.035,040m	1.035,039m	
51+380,00	2569	218.418,4926	8.281.118,1605	1.035,241m	1.035,241m	
51+400,00	2570	218.438,4924	8.281.118,2594	1.035,432m	1.035,443m	
51+420,00	2571	218.458,4922	8.281.118,3582	1.035,627m	1.035,646m	
51+440,00	2572	218.478,4919	8.281.118,4571	1.035,862m	1.035,848m	
51+460,00	2573	218.498,4917	8.281.118,5559	1.036,024m	1.036,050m	
51+480,00	2574	218.518,4914	8.281.118,6548	1.036,222m	1.036,253m	
51+490,00	2574+10,00	218.528,4913	8.281.118,7042	1.036,325m	1.036,354m	PCV
51+500,00	2575	218.538,4912	8.281.118,7536	1.036,433m	1.036,448m	
51+510,00	2575+10,00	218.548,4911	8.281.118,8031	1.036,535m	1.036,527m	PIV
51+520,00	2576	218.558,4909	8.281.118,8525	1.036,629m	1.036,593m	
51+530,00	2576+10,00	218.568,4908	8.281.118,9019	1.036,732m	1.036,644m	PTV
51+540,00	2577	218.578,4907	8.281.118,9514	1.036,834m	1.036,688m	
51+560,00	2578	218.598,4904	8.281.119,0502	1.037,036m	1.036,776m	
51+580,00	2579	218.618,4902	8.281.119,1491	1.037,248m	1.036,864m	
51+600,00	2580	218.638,4900	8.281.119,2479	1.035,731m	1.036,952m	
51+620,00	2581	218.658,4897	8.281.119,3468	1.035,640m	1.037,040m	
51+640,00	2582	218.678,4895	8.281.119,4456	1.035,825m	1.037,128m	
51+660,00	2583	218.698,4892	8.281.119,5445	1.036,043m	1.037,216m	
51+680,00	2584	218.718,4890	8.281.119,6433	1.036,275m	1.037,304m	
51+700,00	2585	218.738,4887	8.281.119,7422	1.036,483m	1.037,392m	
51+720,00	2586	218.758,4885	8.281.119,8410	1.036,668m	1.037,480m	
51+740,00	2587	218.778,4882	8.281.119,9399	1.036,856m	1.037,568m	
51+760,00	2588	218.798,4880	8.281.120,0387	1.037,044m	1.037,656m	
51+780,00	2589	218.818,4878	8.281.120,1376	1.037,233m	1.037,744m	
51+800,00	2590	218.838,4875	8.281.120,2364	1.037,363m	1.037,832m	
51+801,98	2590+1,98	218.840,4716	8.281.120,2462	1.037,391m	1.037,841m	
51+820,00	2591	218.858,4872	8.281.120,3447	1.037,503m	1.037,920m	
51+840,00	2592	218.878,4869	8.281.120,4539	1.037,599m	1.038,008m	
51+860,00	2593	218.898,4866	8.281.120,5632	1.037,771m	1.038,096m	
51+880,00	2594	218.918,4863	8.281.120,6724	1.037,904m	1.038,184m	
51+900,00	2595	218.938,4860	8.281.120,7817	1.038,060m	1.038,272m	
51+920,00	2596	218.958,4857	8.281.120,8909	1.039,187m	1.038,360m	
51+940,00	2597	218.978,4854	8.281.121,0002	1.038,331m	1.038,448m	
51+960,00	2598	218.998,4851	8.281.121,1094	1.038,476m	1.038,536m	
51+980,00	2599	219.018,4848	8.281.121,2187	1.038,586m	1.038,624m	
52+000,00	2600	219.038,4845	8.281.121,3280	1.038,725m	1.038,712m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
52+020,00	2601	219.058,4842	8.281.121,4372	1.038,849m	1.038,800m	
52+040,00	2602	219.078,4839	8.281.121,5465	1.038,973m	1.038,888m	
52+060,00	2603	219.098,4836	8.281.121,6557	1.039,117m	1.038,976m	
52+080,00	2604	219.118,4833	8.281.121,7650	1.039,249m	1.039,064m	
52+100,00	2605	219.138,4830	8.281.121,8742	1.039,386m	1.039,152m	
52+120,00	2606	219.158,4827	8.281.121,9835	1.039,572m	1.039,240m	
52+140,00	2607	219.178,4824	8.281.122,0927	1.039,733m	1.039,328m	
52+160,00	2608	219.198,4821	8.281.122,2020	1.039,857m	1.039,416m	
52+180,00	2609	219.218,4818	8.281.122,3113	1.039,989m	1.039,504m	
52+200,00	2610	219.238,4815	8.281.122,4205	1.040,617m	1.039,592m	
52+220,00	2611	219.258,4812	8.281.122,5298	1.040,550m	1.039,680m	
52+240,00	2612	219.278,4809	8.281.122,6390	1.040,628m	1.039,768m	
52+260,00	2613	219.298,4807	8.281.122,7483	1.040,876m	1.039,856m	
52+280,00	2614	219.318,4804	8.281.122,8575	1.040,678m	1.039,944m	
52+300,00	2615	219.338,4801	8.281.122,9668	1.040,919m	1.040,032m	
52+320,00	2616	219.358,4798	8.281.123,0760	1.040,961m	1.040,120m	
52+340,00	2617	219.378,4795	8.281.123,1853	1.040,630m	1.040,208m	
52+360,00	2618	219.398,4792	8.281.123,2945	1.040,520m	1.040,296m	
52+380,00	2619	219.418,4789	8.281.123,4038	1.040,528m	1.040,384m	
52+400,00	2620	219.438,4786	8.281.123,5131	1.040,563m	1.040,472m	
52+420,00	2621	219.458,4783	8.281.123,6223	1.040,440m	1.040,560m	
52+426,30	2621+6,30	219.464,7764	8.281.123,6567	1.040,436m	1.040,588m	TE
52+440,00	2622	219.478,4779	8.281.123,7418	1.040,620m	1.040,648m	
52+460,00	2623	219.498,4762	8.281.123,9927	1.040,773m	1.040,736m	
52+480,00	2624	219.518,4677	8.281.124,5645	1.040,814m	1.040,824m	
52+496,30	2624+16,30	219.534,7441	8.281.125,3997	1.040,907m	1.040,896m	EC
52+500,00	2625	219.538,4376	8.281.125,6471	1.040,919m	1.040,912m	
52+520,00	2626	219.558,3617	8.281.127,3775	1.040,913m	1.041,000m	
52+540,00	2627	219.578,2170	8.281.129,7710	1.041,002m	1.041,088m	
52+560,00	2628	219.597,9815	8.281.132,8248	1.041,063m	1.041,176m	
52+572,74	2628+12,74	219.610,5163	8.281.135,1133	1.041,113m	1.041,233m	CE
52+580,00	2629	219.617,6336	8.281.136,5342	1.041,168m	1.041,264m	
52+600,00	2630	219.637,1683	8.281.140,8210	1.041,308m	1.041,352m	
52+620,00	2631	219.656,6119	8.281.145,5046	1.041,437m	1.041,440m	
52+640,00	2632	219.676,0039	8.281.150,3985	1.041,536m	1.041,528m	
52+642,74	2632+2,74	219.678,6612	8.281.151,0756	1.041,549m	1.041,541m	ET
52+660,00	2633	219.695,3844	8.281.155,3375	1.041,633m	1.041,617m	
52+680,00	2634	219.714,7650	8.281.160,2766	1.041,725m	1.041,705m	
52+700,00	2635	219.734,1455	8.281.165,2157	1.041,797m	1.041,793m	
52+720,00	2636	219.753,5261	8.281.170,1548	1.041,891m	1.041,881m	
52+740,00	2637	219.772,9066	8.281.175,0939	1.041,929m	1.041,969m	
52+760,00	2638	219.792,2872	8.281.180,0330	1.042,009m	1.042,057m	
52+780,00	2639	219.811,6677	8.281.184,9721	1.042,116m	1.042,145m	
52+800,00	2640	219.831,0482	8.281.189,9112	1.042,220m	1.042,233m	
52+820,00	2641	219.850,4288	8.281.194,8503	1.042,262m	1.042,321m	
52+840,00	2642	219.869,8093	8.281.199,7893	1.042,353m	1.042,409m	
52+860,00	2643	219.889,1899	8.281.204,7284	1.042,483m	1.042,497m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
52+880,00	2644	219.908,5704	8.281.209,6675	1.042,596m	1.042,585m	
52+900,00	2645	219.927,9509	8.281.214,6066	1.042,666m	1.042,673m	
52+920,00	2646	219.947,3315	8.281.219,5457	1.042,722m	1.042,761m	
52+940,00	2647	219.966,7120	8.281.224,4848	1.042,862m	1.042,849m	
52+960,00	2648	219.986,0926	8.281.229,4239	1.043,011m	1.042,937m	
52+980,00	2649	220.005,4731	8.281.234,3630	1.043,108m	1.043,025m	
53+000,00	2650	220.024,8537	8.281.239,3021	1.043,166m	1.043,113m	
53+020,00	2651	220.044,2342	8.281.244,2411	1.043,276m	1.043,201m	
53+040,00	2652	220.063,6147	8.281.249,1802	1.043,364m	1.043,289m	
53+060,00	2653	220.082,9953	8.281.254,1193	1.043,438m	1.043,377m	
53+080,00	2654	220.102,3758	8.281.259,0584	1.043,582m	1.043,465m	
53+100,00	2655	220.121,7564	8.281.263,9975	1.043,685m	1.043,553m	
53+120,00	2656	220.141,1369	8.281.268,9366	1.043,800m	1.043,641m	
53+140,00	2657	220.160,5174	8.281.273,8757	1.043,801m	1.043,729m	
53+160,00	2658	220.179,8980	8.281.278,8148	1.043,895m	1.043,817m	
53+180,00	2659	220.199,2785	8.281.283,7539	1.043,910m	1.043,905m	
53+200,00	2660	220.218,6591	8.281.288,6929	1.043,873m	1.043,993m	
53+220,00	2661	220.238,0396	8.281.293,6320	1.043,916m	1.044,081m	
53+240,00	2662	220.257,4202	8.281.298,5711	1.043,895m	1.044,169m	
53+260,00	2663	220.276,8007	8.281.303,5102	1.043,954m	1.044,257m	
53+280,00	2664	220.296,1812	8.281.308,4493	1.043,965m	1.044,345m	
53+300,00	2665	220.315,5618	8.281.313,3884	1.044,016m	1.044,433m	
53+320,00	2666	220.334,9423	8.281.318,3275	1.044,035m	1.044,521m	
53+340,00	2667	220.354,3229	8.281.323,2666	1.044,052m	1.044,609m	
53+360,00	2668	220.373,7034	8.281.328,2057	1.044,082m	1.044,697m	
53+380,00	2669	220.393,0840	8.281.333,1447	1.044,176m	1.044,785m	
53+400,00	2670	220.412,4645	8.281.338,0838	1.044,393m	1.044,873m	
53+420,00	2671	220.431,8450	8.281.343,0229	1.044,389m	1.044,961m	
53+440,00	2672	220.451,2256	8.281.347,9620	1.044,256m	1.045,049m	
53+460,00	2673	220.470,6061	8.281.352,9011	1.044,306m	1.045,137m	
53+480,00	2674	220.489,9867	8.281.357,8402	1.044,266m	1.045,225m	
53+500,00	2675	220.509,3672	8.281.362,7793	1.044,741m	1.045,313m	
53+520,00	2676	220.528,7477	8.281.367,7184	1.044,649m	1.045,401m	
53+540,00	2677	220.548,1283	8.281.372,6575	1.044,651m	1.045,489m	
53+560,00	2678	220.567,5088	8.281.377,5965	1.044,644m	1.045,577m	
53+580,00	2679	220.586,8894	8.281.382,5356	1.044,587m	1.045,665m	
53+600,00	2680	220.606,2699	8.281.387,4747	1.044,922m	1.045,753m	
53+620,00	2681	220.625,6505	8.281.392,4138	1.044,884m	1.045,841m	
53+640,00	2682	220.645,0310	8.281.397,3529	1.044,977m	1.045,929m	
53+660,00	2683	220.664,4115	8.281.402,2920	1.044,996m	1.046,017m	
53+680,00	2684	220.683,7921	8.281.407,2311	1.045,068m	1.046,105m	
53+700,00	2685	220.703,1726	8.281.412,1702	1.045,065m	1.046,186m	
53+720,00	2686	220.722,5532	8.281.417,1093	1.044,982m	1.046,255m	
53+740,00	2687	220.741,9337	8.281.422,0483	1.044,940m	1.046,310m	
53+760,00	2688	220.761,3142	8.281.426,9874	1.045,069m	1.046,353m	
53+780,00	2689	220.780,6948	8.281.431,9265	1.045,023m	1.046,383m	
53+800,00	2690	220.800,0753	8.281.436,8656	1.045,066m	1.046,399m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
53+815,52	2690+15,52	220.815,1166	8.281.440,6989	1.045,007m	1.046,403m	PB
53+820,00	2691	220.819,4559	8.281.441,8047	1.044,994m	1.046,403m	
53+840,00	2692	220.838,8364	8.281.446,7438	1.044,928m	1.046,393m	
53+860,00	2693	220.858,2170	8.281.451,6829	1.044,928m	1.046,371m	
53+880,00	2694	220.877,5975	8.281.456,6220	1.044,824m	1.046,336m	
53+900,00	2695	220.896,9780	8.281.461,5611	1.044,762m	1.046,287m	
53+920,00	2696	220.916,3586	8.281.466,5001	1.044,799m	1.046,226m	
53+930,00	2696+10,00	220.926,0488	8.281.468,9697	1.044,800m	1.046,190m	PIV
53+940,00	2697	220.935,7391	8.281.471,4392	1.044,708m	1.046,152m	
53+960,00	2698	220.955,1197	8.281.476,3783	1.044,644m	1.046,064m	
53+980,00	2699	220.974,5002	8.281.481,3174	1.044,550m	1.045,964m	
54+000,00	2700	220.993,8807	8.281.486,2565	1.044,441m	1.045,851m	
54+020,00	2701	221.013,2613	8.281.491,1956	1.044,373m	1.045,724m	
54+040,00	2702	221.032,6418	8.281.496,1347	1.044,239m	1.045,585m	
54+060,00	2703	221.052,0224	8.281.501,0738	1.044,126m	1.045,433m	
54+080,00	2704	221.071,4029	8.281.506,0129	1.043,907m	1.045,267m	
54+100,00	2705	221.090,7835	8.281.510,9520	1.043,835m	1.045,089m	
54+120,00	2706	221.110,1640	8.281.515,8910	1.043,783m	1.044,898m	
54+140,00	2707	221.129,5445	8.281.520,8301	1.043,545m	1.044,694m	
54+160,00	2708	221.148,9251	8.281.525,7692	1.043,460m	1.044,477m	
54+180,00	2709	221.168,3056	8.281.530,7083	1.043,221m	1.044,246m	
54+200,00	2710	221.187,6862	8.281.535,6474	1.043,015m	1.044,010m	
54+220,00	2711	221.207,0667	8.281.540,5865	1.042,830m	1.043,773m	
54+240,00	2712	221.226,4472	8.281.545,5256	1.042,470m	1.043,536m	
54+260,00	2713	221.245,8278	8.281.550,4647	1.042,318m	1.043,300m	
54+280,00	2714	221.265,2083	8.281.555,4038	1.042,148m	1.043,063m	
54+300,00	2715	221.284,5889	8.281.560,3428	1.041,880m	1.042,826m	
54+320,00	2716	221.303,9694	8.281.565,2819	1.041,715m	1.042,590m	
54+340,00	2717	221.323,3500	8.281.570,2210	1.041,445m	1.042,353m	
54+360,00	2718	221.342,7305	8.281.575,1601	1.041,093m	1.042,116m	
54+380,00	2719	221.362,1110	8.281.580,0992	1.040,893m	1.041,879m	
54+400,00	2720	221.381,4916	8.281.585,0383	1.040,617m	1.041,643m	
54+420,00	2721	221.400,8721	8.281.589,9774	1.040,393m	1.041,406m	
54+440,00	2722	221.420,2527	8.281.594,9165	1.040,176m	1.041,169m	
54+460,00	2723	221.439,6332	8.281.599,8556	1.039,916m	1.040,933m	
54+480,00	2724	221.459,0137	8.281.604,7946	1.039,590m	1.040,696m	
54+490,00	2724+10,00	221.468,7040	8.281.607,2642	1.039,440m	1.040,578m	PCV
54+500,00	2725	221.478,3943	8.281.609,7337	1.039,261m	1.040,460m	
54+520,00	2726	221.497,7748	8.281.614,6728	1.038,962m	1.040,231m	
54+540,00	2727	221.517,1554	8.281.619,6119	1.038,612m	1.040,010m	
54+560,00	2728	221.536,5359	8.281.624,5510	1.038,351m	1.039,796m	
54+580,00	2729	221.555,9165	8.281.629,4901	1.037,985m	1.039,590m	
54+590,00	2729+10,00	221.565,6067	8.281.631,9596	1.037,803m	1.039,490m	PIV
54+600,00	2730	221.575,2970	8.281.634,4292	1.037,638m	1.039,391m	
54+620,00	2731	221.594,6775	8.281.639,3683	1.037,325m	1.039,201m	
54+640,00	2732	221.614,0581	8.281.644,3074	1.036,892m	1.039,017m	
54+660,00	2733	221.633,4386	8.281.649,2464	1.036,578m	1.038,842m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
54+680,00	2734	221.652,8192	8.281.654,1855	1.036,479m	1.038,674m	
54+690,00	2734+10,00	221.662,5094	8.281.656,6551	1.036,231m	1.038,593m	PTV
54+700,00	2735	221.672,1997	8.281.659,1246	1.036,048m	1.038,513m	
54+720,00	2736	221.691,5802	8.281.664,0637	1.035,718m	1.038,352m	
54+740,00	2737	221.710,9608	8.281.669,0028	1.035,520m	1.038,192m	
54+760,00	2738	221.730,3413	8.281.673,9419	1.035,304m	1.038,032m	
54+780,00	2739	221.749,7219	8.281.678,8810	1.035,098m	1.037,872m	
54+800,00	2740	221.769,1024	8.281.683,8201	1.034,984m	1.037,711m	
54+820,00	2741	221.788,4830	8.281.688,7592	1.034,856m	1.037,551m	
54+840,00	2742	221.807,8635	8.281.693,6982	1.034,614m	1.037,391m	
54+860,00	2743	221.827,2440	8.281.698,6373	1.034,504m	1.037,230m	
54+880,00	2744	221.846,6246	8.281.703,5764	1.034,406m	1.037,070m	
54+900,00	2745	221.866,0051	8.281.708,5155	1.034,276m	1.036,910m	
54+920,00	2746	221.885,3857	8.281.713,4546	1.034,147m	1.036,750m	
54+940,00	2747	221.904,7662	8.281.718,3937	1.034,046m	1.036,589m	
54+960,00	2748	221.924,1468	8.281.723,3328	1.033,971m	1.036,429m	
54+980,00	2749	221.943,5273	8.281.728,2719	1.033,863m	1.036,269m	
55+000,00	2750	221.962,9078	8.281.733,2110	1.033,808m	1.036,108m	
55+020,00	2751	221.982,2884	8.281.738,1500	1.033,751m	1.035,948m	
55+040,00	2752	222.001,6689	8.281.743,0891	1.033,766m	1.035,788m	
55+060,00	2753	222.021,0495	8.281.748,0282	1.033,703m	1.035,628m	
55+080,00	2754	222.040,4300	8.281.752,9673	1.033,756m	1.035,467m	
55+100,00	2755	222.059,8105	8.281.757,9064	1.033,626m	1.035,307m	
55+120,00	2756	222.079,1911	8.281.762,8455	1.033,567m	1.035,147m	
55+140,00	2757	222.098,5716	8.281.767,7846	1.033,590m	1.034,987m	
55+160,00	2758	222.117,9522	8.281.772,7237	1.033,446m	1.034,826m	
55+180,00	2759	222.137,3327	8.281.777,6628	1.033,363m	1.034,666m	
55+200,00	2760	222.156,7133	8.281.782,6018	1.033,322m	1.034,506m	
55+220,00	2761	222.176,0938	8.281.787,5409	1.033,064m	1.034,345m	
55+240,00	2762	222.195,4743	8.281.792,4800	1.032,989m	1.034,185m	
55+260,00	2763	222.214,8549	8.281.797,4191	1.032,887m	1.034,025m	
55+280,00	2764	222.234,2354	8.281.802,3582	1.032,835m	1.033,865m	
55+300,00	2765	222.253,6160	8.281.807,2973	1.032,710m	1.033,704m	
55+320,00	2766	222.272,9965	8.281.812,2364	1.032,613m	1.033,544m	
55+340,00	2767	222.292,3770	8.281.817,1755	1.032,471m	1.033,384m	
55+360,00	2768	222.311,7576	8.281.822,1146	1.032,304m	1.033,223m	
55+380,00	2769	222.331,1381	8.281.827,0537	1.032,167m	1.033,063m	
55+400,00	2770	222.350,5187	8.281.831,9927	1.032,092m	1.032,903m	
55+420,00	2771	222.369,8992	8.281.836,9318	1.031,827m	1.032,743m	
55+440,00	2772	222.389,2798	8.281.841,8709	1.031,582m	1.032,582m	
55+460,00	2773	222.408,6603	8.281.846,8100	1.031,430m	1.032,422m	
55+480,00	2774	222.428,0408	8.281.851,7491	1.031,206m	1.032,262m	
55+500,00	2775	222.447,4214	8.281.856,6882	1.031,024m	1.032,102m	
55+520,00	2776	222.466,8019	8.281.861,6273	1.030,689m	1.031,941m	
55+540,00	2777	222.486,1825	8.281.866,5664	1.030,661m	1.031,781m	
55+560,00	2778	222.505,5630	8.281.871,5055	1.030,309m	1.031,621m	
55+580,00	2779	222.524,9435	8.281.876,4445	1.030,073m	1.031,460m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
55+600,00	2780	222.544,3241	8.281.881,3836	1.029,904m	1.031,300m	
55+620,00	2781	222.563,7046	8.281.886,3227	1.029,655m	1.031,140m	
55+640,00	2782	222.583,0852	8.281.891,2618	1.029,491m	1.030,980m	
55+660,00	2783	222.602,4657	8.281.896,2009	1.029,277m	1.030,819m	
55+680,00	2784	222.621,8463	8.281.901,1400	1.029,167m	1.030,659m	
55+700,00	2785	222.641,2268	8.281.906,0791	1.029,049m	1.030,499m	
55+720,00	2786	222.660,6073	8.281.911,0182	1.028,790m	1.030,338m	
55+740,00	2787	222.679,9879	8.281.915,9573	1.028,663m	1.030,178m	
55+760,00	2788	222.699,3684	8.281.920,8963	1.028,692m	1.030,018m	
55+780,00	2789	222.718,7490	8.281.925,8354	1.028,558m	1.029,858m	
55+800,00	2790	222.738,1295	8.281.930,7745	1.028,469m	1.029,697m	
55+820,00	2791	222.757,5100	8.281.935,7136	1.028,359m	1.029,537m	
55+840,00	2792	222.776,8906	8.281.940,6527	1.028,262m	1.029,377m	
55+860,00	2793	222.796,2711	8.281.945,5918	1.028,266m	1.029,217m	
55+880,00	2794	222.815,6517	8.281.950,5309	1.028,133m	1.029,056m	
55+900,00	2795	222.835,0322	8.281.955,4700	1.027,879m	1.028,896m	
55+920,00	2796	222.854,4128	8.281.960,4091	1.027,752m	1.028,736m	
55+940,00	2797	222.873,7933	8.281.965,3481	1.027,606m	1.028,575m	
55+960,00	2798	222.893,1738	8.281.970,2872	1.027,283m	1.028,415m	
55+980,00	2799	222.912,5544	8.281.975,2263	1.027,024m	1.028,255m	
55+990,00	2799+10,00	222.922,2447	8.281.977,6959	1.026,923m	1.028,175m	PCV
56+000,00	2800	222.931,9349	8.281.980,1654	1.026,892m	1.028,088m	
56+020,00	2801	222.951,3155	8.281.985,1045	1.026,648m	1.027,877m	
56+040,00	2802	222.970,6960	8.281.990,0436	1.026,213m	1.027,614m	
56+060,00	2803	222.990,0765	8.281.994,9827	1.025,802m	1.027,301m	
56+080,00	2804	223.009,4571	8.281.999,9218	1.025,580m	1.026,936m	
56+100,00	2805	223.028,8376	8.282.004,8609	1.025,014m	1.026,520m	
56+120,00	2806	223.048,2182	8.282.009,7999	1.024,473m	1.026,053m	
56+140,00	2807	223.067,5987	8.282.014,7390	1.024,067m	1.025,535m	
56+160,00	2808	223.086,9793	8.282.019,6781	1.023,732m	1.024,966m	
56+180,00	2809	223.106,3598	8.282.024,6172	1.023,389m	1.024,346m	
56+190,00	2809+10,00	223.116,0501	8.282.027,0868	1.023,091m	1.024,017m	PIV
56+200,00	2810	223.125,7403	8.282.029,5563	1.022,844m	1.023,675m	
56+220,00	2811	223.145,1209	8.282.034,4954	1.022,352m	1.022,952m	
56+240,00	2812	223.164,5014	8.282.039,4345	1.021,593m	1.022,179m	
56+256,54	2812+16,54	223.180,5251	8.282.043,5181	1.021,012m	1.021,501m	TE
56+260,00	2813	223.183,8820	8.282.044,3734	1.020,866m	1.021,354m	
56+280,00	2814	223.203,2719	8.282.049,2754	1.020,052m	1.020,478m	
56+300,00	2815	223.222,7022	8.282.054,0146	1.018,953m	1.019,551m	
56+320,00	2816	223.242,2035	8.282.058,4517	1.017,587m	1.018,573m	
56+336,54	2816+16,54	223.258,3982	8.282.061,7917	1.016,635m	1.017,726m	EC
56+340,00	2817	223.261,8001	8.282.062,4457	1.016,445m	1.017,544m	
56+360,00	2818	223.281,5003	8.282.065,8915	1.015,336m	1.016,464m	
56+380,00	2819	223.301,2909	8.282.068,7730	1.014,240m	1.015,333m	
56+390,00	2819+10,00	223.311,2151	8.282.070,0015	1.013,626m	1.014,748m	PTV
56+400,00	2820	223.321,1558	8.282.071,0881	1.013,157m	1.014,157m	
56+420,00	2821	223.341,0787	8.282.072,8347	1.012,300m	1.012,975m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
56+433,38	2821+13,38	223.354,4309	8.282.073,6850	1.011,531m	1.012,184m	CE
56+440,00	2822	223.361,0433	8.282.074,0123	1.011,078m	1.011,792m	
56+460,00	2823	223.381,0320	8.282.074,6734	1.009,629m	1.010,610m	
56+480,00	2824	223.401,0298	8.282.074,9535	1.007,908m	1.009,427m	
56+500,00	2825	223.421,0297	8.282.074,9951	1.005,494m	1.008,245m	
56+513,38	2825+13,38	223.434,4091	8.282.074,9608	1.004,299m	1.007,488m	ET
56+520,00	2826	223.441,0296	8.282.074,9403	1.003,770m	1.007,139m	
56+540,00	2827	223.461,0295	8.282.074,8783	1.002,663m	1.006,185m	
56+560,00	2828	223.481,0294	8.282.074,8163	1.001,896m	1.005,384m	
56+580,00	2829	223.501,0294	8.282.074,7544	1.001,470m	1.004,736m	
56+600,00	2830	223.521,0293	8.282.074,6924	1.001,314m	1.004,240m	
56+620,00	2831	223.541,0292	8.282.074,6305	1.001,882m	1.003,896m	
56+640,00	2832	223.561,0291	8.282.074,5685	1.003,146m	1.003,705m	
56+655,05	2832+15,05	223.576,0758	8.282.074,5219	1.004,233m	1.003,662m	
56+660,00	2833	223.581,0290	8.282.074,5066	1.004,635m	1.003,667m	
56+680,00	2834	223.601,0289	8.282.074,4446	1.006,236m	1.003,781m	
56+700,00	2835	223.621,0288	8.282.074,3827	1.007,067m	1.004,047m	
56+720,00	2836	223.641,0287	8.282.074,3207	1.007,264m	1.004,390m	
56+740,00	2837	223.661,0286	8.282.074,2588	1.007,280m	1.004,733m	
56+760,00	2838	223.681,0285	8.282.074,1968	1.007,066m	1.005,076m	
56+780,00	2839	223.701,0284	8.282.074,1349	1.006,642m	1.005,418m	
56+800,00	2840	223.721,0283	8.282.074,0729	1.006,186m	1.005,761m	
56+820,00	2841	223.741,0282	8.282.074,0110	1.005,711m	1.006,104m	
56+840,00	2842	223.761,0281	8.282.073,9490	1.005,382m	1.006,447m	
56+860,00	2843	223.781,0280	8.282.073,8871	1.005,076m	1.006,790m	
56+880,00	2844	223.801,0279	8.282.073,8251	1.004,971m	1.007,105m	
56+900,00	2845	223.821,0278	8.282.073,7632	1.005,036m	1.007,367m	
56+920,00	2846	223.841,0277	8.282.073,7012	1.005,261m	1.007,574m	
56+940,00	2847	223.861,0276	8.282.073,6393	1.005,882m	1.007,727m	
56+960,00	2848	223.881,0275	8.282.073,5773	1.006,217m	1.007,826m	
56+980,00	2849	223.901,0274	8.282.073,5153	1.006,546m	1.007,871m	
56+986,48	2849+6,48	223.907,5109	8.282.073,4953	1.006,651m	1.007,874m	PB
57+000,00	2850	223.921,0273	8.282.073,4534	1.006,794m	1.007,861m	
57+020,00	2851	223.941,0272	8.282.073,3914	1.006,866m	1.007,797m	
57+040,00	2852	223.961,0271	8.282.073,3295	1.006,807m	1.007,680m	
57+060,00	2853	223.981,0271	8.282.073,2675	1.006,741m	1.007,507m	
57+080,00	2854	224.001,0270	8.282.073,2056	1.006,451m	1.007,308m	
57+100,00	2855	224.021,0269	8.282.073,1436	1.006,211m	1.007,109m	
57+120,00	2856	224.041,0268	8.282.073,0817	1.006,126m	1.006,910m	
57+140,00	2857	224.061,0267	8.282.073,0197	1.005,692m	1.006,710m	
57+160,00	2858	224.081,0266	8.282.072,9578	1.005,489m	1.006,511m	
57+180,00	2859	224.101,0265	8.282.072,8958	1.005,286m	1.006,312m	
57+200,00	2860	224.121,0264	8.282.072,8339	1.004,981m	1.006,113m	
57+220,00	2861	224.141,0263	8.282.072,7719	1.004,785m	1.005,913m	
57+240,00	2862	224.161,0262	8.282.072,7100	1.004,456m	1.005,714m	
57+260,00	2863	224.181,0261	8.282.072,6480	1.004,241m	1.005,515m	
57+280,00	2864	224.201,0260	8.282.072,5861	1.004,036m	1.005,316m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
57+300,00	2865	224.221,0259	8.282.072,5241	1.003,864m	1.005,116m	
57+320,00	2866	224.241,0258	8.282.072,4622	1.003,742m	1.004,917m	
57+340,00	2867	224.261,0257	8.282.072,4002	1.003,596m	1.004,718m	
57+360,00	2868	224.281,0256	8.282.072,3383	1.003,342m	1.004,519m	
57+380,00	2869	224.301,0255	8.282.072,2763	1.003,091m	1.004,319m	
57+400,00	2870	224.321,0254	8.282.072,2144	1.002,912m	1.004,120m	
57+420,00	2871	224.341,0253	8.282.072,1524	1.002,719m	1.003,921m	
57+440,00	2872	224.361,0252	8.282.072,0904	1.002,434m	1.003,722m	
57+460,00	2873	224.381,0251	8.282.072,0285	1.002,276m	1.003,522m	
57+480,00	2874	224.401,0250	8.282.071,9665	1.002,119m	1.003,323m	
57+500,00	2875	224.421,0249	8.282.071,9046	1.002,016m	1.003,124m	
57+520,00	2876	224.441,0248	8.282.071,8426	1.001,860m	1.002,925m	
57+540,00	2877	224.461,0247	8.282.071,7807	1.001,785m	1.002,725m	
57+560,00	2878	224.481,0247	8.282.071,7187	1.001,685m	1.002,526m	
57+578,00	2878+18,00	224.499,0246	8.282.071,6630	1.001,601m	1.002,347m	PCV
57+580,00	2879	224.501,0246	8.282.071,6568	1.001,583m	1.002,326m	
57+600,00	2880	224.521,0245	8.282.071,5948	1.001,376m	1.002,061m	
57+620,00	2881	224.541,0244	8.282.071,5329	1.001,331m	1.001,684m	
57+640,00	2882	224.561,0243	8.282.071,4709	1.001,076m	1.001,197m	
57+660,00	2883	224.581,0242	8.282.071,4090	1.000,769m	1.000,600m	
57+668,00	2883+8,00	224.589,0241	8.282.071,3842	1.000,736m	1.000,330m	PIV
57+680,00	2884	224.601,0241	8.282.071,3470	1.000,653m	999,891m	
57+700,00	2885	224.621,0240	8.282.071,2851	1.000,377m	999,072m	
57+720,00	2886	224.641,0239	8.282.071,2231	999,995m	998,143m	
57+740,00	2887	224.661,0238	8.282.071,1612	999,416m	997,102m	
57+758,00	2887+18,00	224.679,0237	8.282.071,1054	998,994m	996,072m	PTV
57+760,00	2888	224.681,0237	8.282.071,0992	998,922m	995,952m	
57+780,00	2889	224.701,0236	8.282.071,0373	998,240m	994,757m	
57+800,00	2890	224.721,0235	8.282.070,9753	997,576m	993,562m	
57+820,00	2891	224.741,0234	8.282.070,9134	996,994m	992,366m	
57+840,00	2892	224.761,0233	8.282.070,8514	996,096m	991,171m	
57+860,00	2893	224.781,0232	8.282.070,7894	995,252m	989,976m	
57+880,00	2894	224.801,0231	8.282.070,7275	994,363m	988,781m	
57+900,00	2895	224.821,0230	8.282.070,6655	993,365m	987,586m	
57+920,00	2896	224.841,0229	8.282.070,6036	992,222m	986,390m	
57+940,00	2897	224.861,0228	8.282.070,5416	990,642m	985,195m	
57+960,00	2898	224.881,0227	8.282.070,4797	988,976m	984,000m	
57+980,00	2899	224.901,0226	8.282.070,4177	987,405m	982,805m	
58+000,00	2900	224.921,0225	8.282.070,3558	985,921m	981,610m	
58+020,00	2901	224.941,0224	8.282.070,2938	984,601m	980,414m	
58+040,00	2902	224.961,0223	8.282.070,2319	983,263m	979,219m	
58+060,00	2903	224.981,0223	8.282.070,1699	981,784m	978,024m	
58+080,00	2904	225.001,0222	8.282.070,1080	979,965m	976,829m	
58+100,00	2905	225.021,0221	8.282.070,0460	978,334m	975,633m	
58+109,00	2905+9,00	225.030,0220	8.282.070,0181	977,512m	975,096m	PCV
58+120,00	2906	225.041,0220	8.282.069,9841	976,503m	974,496m	
58+139,00	2906+19,00	225.060,0219	8.282.069,9252	974,553m	973,732m	PIV

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
58+140,00	2907	225.061,0219	8.282.069,9221	974,446m	973,702m	
58+160,00	2908	225.081,0218	8.282.069,8602	972,295m	973,289m	
58+169,00	2908+9,00	225.090,0217	8.282.069,8323	971,206m	973,228m	PTV
58+180,00	2909	225.101,0217	8.282.069,7982	966,406m	973,200m	
58+200,00	2910	225.121,0216	8.282.069,7363	971,354m	973,150m	
58+202,80	2910+2,80	225.123,8262	8.282.069,7276	971,648m	973,147m	
58+220,00	2911	225.141,0215	8.282.069,6743	973,691m	973,279m	
58+235,00	2911+15,00	225.156,0214	8.282.069,6278	975,380m	973,609m	PIV
58+240,00	2912	225.161,0214	8.282.069,6124	975,857m	973,763m	
58+260,00	2913	225.181,0213	8.282.069,5504	977,862m	974,605m	
58+270,00	2913+10,00	225.191,0212	8.282.069,5194	978,965m	975,159m	PTV
58+280,00	2914	225.201,0212	8.282.069,4885	979,794m	975,758m	
58+300,00	2915	225.221,0211	8.282.069,4265	980,431m	976,957m	
58+320,00	2916	225.241,0210	8.282.069,3645	981,970m	978,155m	
58+340,00	2917	225.261,0209	8.282.069,3026	983,554m	979,353m	
58+360,00	2918	225.281,0208	8.282.069,2406	985,134m	980,551m	
58+380,00	2919	225.301,0207	8.282.069,1787	986,501m	981,749m	
58+400,00	2920	225.321,0206	8.282.069,1167	987,986m	982,947m	
58+420,00	2921	225.341,0205	8.282.069,0548	989,317m	984,145m	
58+440,00	2922	225.361,0204	8.282.068,9928	990,832m	985,343m	
58+460,00	2923	225.381,0203	8.282.068,9309	992,172m	986,541m	
58+465,64	2923+5,64	225.386,6598	8.282.068,9134	992,504m	986,879m	
58+480,00	2924	225.401,0203	8.282.068,9018	993,346m	987,740m	
58+500,00	2925	225.421,0203	8.282.068,8855	994,480m	988,938m	
58+520,00	2926	225.441,0203	8.282.068,8693	995,497m	990,136m	
58+540,00	2927	225.461,0203	8.282.068,8531	996,634m	991,334m	
58+560,00	2928	225.481,0203	8.282.068,8369	997,606m	992,532m	
58+580,00	2929	225.501,0203	8.282.068,8207	998,647m	993,730m	
58+600,00	2930	225.521,0203	8.282.068,8045	999,562m	994,928m	
58+620,00	2931	225.541,0203	8.282.068,7882	1.000,473m	996,126m	
58+640,00	2932	225.561,0202	8.282.068,7720	1.001,463m	997,324m	
58+660,00	2933	225.581,0202	8.282.068,7558	1.002,391m	998,522m	
58+680,00	2934	225.601,0202	8.282.068,7396	1.003,523m	999,721m	
58+700,00	2935	225.621,0202	8.282.068,7234	1.004,644m	1.000,919m	
58+720,00	2936	225.641,0202	8.282.068,7071	1.005,673m	1.002,117m	
58+740,00	2937	225.661,0202	8.282.068,6909	1.006,440m	1.003,315m	
58+760,00	2938	225.681,0202	8.282.068,6747	1.006,965m	1.004,513m	
58+780,00	2939	225.701,0202	8.282.068,6585	1.007,707m	1.005,711m	
58+800,00	2940	225.721,0202	8.282.068,6423	1.008,603m	1.006,909m	
58+820,00	2941	225.741,0202	8.282.068,6261	1.009,204m	1.008,107m	
58+840,00	2942	225.761,0202	8.282.068,6098	1.009,867m	1.009,305m	
58+860,00	2943	225.781,0202	8.282.068,5936	1.010,516m	1.010,504m	
58+880,00	2944	225.801,0202	8.282.068,5774	1.011,354m	1.011,702m	
58+900,00	2945	225.821,0202	8.282.068,5612	1.012,177m	1.012,900m	
58+900,00	2945	225.821,0202	8.282.068,5612	1.012,177m	1.012,900m	PCV
58+920,00	2946	225.841,0202	8.282.068,5450	1.013,193m	1.014,079m	
58+940,00	2947	225.861,0202	8.282.068,5287	1.013,757m	1.015,219m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
58+960,00	2948	225.881,0201	8.282.068,5125	1.014,527m	1.016,320m	
58+980,00	2949	225.901,0201	8.282.068,4963	1.015,375m	1.017,383m	
58+980,00	2949	225.901,0201	8.282.068,4963	1.015,375m	1.017,383m	PIV
59+000,00	2950	225.921,0201	8.282.068,4801	1.016,164m	1.018,407m	
59+020,00	2951	225.941,0201	8.282.068,4639	1.017,178m	1.019,393m	
59+040,00	2952	225.961,0201	8.282.068,4477	1.017,980m	1.020,340m	
59+060,00	2953	225.981,0201	8.282.068,4314	1.018,730m	1.021,248m	
59+060,00	2953	225.981,0201	8.282.068,4314	1.018,730m	1.021,248m	PTV
59+080,00	2954	226.001,0201	8.282.068,4152	1.019,607m	1.022,137m	
59+100,00	2955	226.021,0201	8.282.068,3990	1.020,564m	1.023,026m	
59+120,00	2956	226.041,0201	8.282.068,3828	1.021,614m	1.023,915m	
59+140,00	2957	226.061,0201	8.282.068,3666	1.022,391m	1.024,804m	
59+160,00	2958	226.081,0201	8.282.068,3503	1.023,222m	1.025,694m	
59+180,00	2959	226.101,0201	8.282.068,3341	1.024,422m	1.026,583m	
59+200,00	2960	226.121,0201	8.282.068,3179	1.025,246m	1.027,472m	
59+220,00	2961	226.141,0201	8.282.068,3017	1.026,062m	1.028,361m	
59+240,00	2962	226.161,0201	8.282.068,2855	1.026,935m	1.029,250m	
59+260,00	2963	226.181,0200	8.282.068,2692	1.027,878m	1.030,139m	
59+280,00	2964	226.201,0200	8.282.068,2530	1.028,917m	1.031,028m	
59+300,00	2965	226.221,0200	8.282.068,2368	1.029,915m	1.031,917m	
59+320,00	2966	226.241,0200	8.282.068,2206	1.030,450m	1.032,806m	
59+340,00	2967	226.261,0200	8.282.068,2044	1.031,331m	1.033,695m	
59+360,00	2968	226.281,0200	8.282.068,1882	1.032,280m	1.034,584m	
59+380,00	2969	226.301,0200	8.282.068,1719	1.033,358m	1.035,473m	
59+400,00	2970	226.321,0200	8.282.068,1557	1.033,983m	1.036,362m	
59+420,00	2971	226.341,0200	8.282.068,1395	1.034,921m	1.037,251m	
59+440,00	2972	226.361,0200	8.282.068,1233	1.035,776m	1.038,140m	
59+460,00	2973	226.381,0200	8.282.068,1071	1.036,619m	1.039,029m	
59+480,00	2974	226.401,0200	8.282.068,0908	1.037,725m	1.039,918m	
59+500,00	2975	226.421,0200	8.282.068,0746	1.038,312m	1.040,807m	
59+520,00	2976	226.441,0200	8.282.068,0584	1.039,168m	1.041,696m	
59+540,00	2977	226.461,0200	8.282.068,0422	1.040,212m	1.042,585m	
59+560,00	2978	226.481,0199	8.282.068,0260	1.041,266m	1.043,474m	
59+580,00	2979	226.501,0199	8.282.068,0098	1.042,135m	1.044,363m	
59+600,00	2980	226.521,0199	8.282.067,9935	1.043,140m	1.045,252m	
59+620,00	2981	226.541,0199	8.282.067,9773	1.044,086m	1.046,141m	
59+640,00	2982	226.561,0199	8.282.067,9611	1.045,132m	1.047,031m	
59+660,00	2983	226.581,0199	8.282.067,9449	1.046,161m	1.047,920m	
59+680,00	2984	226.601,0199	8.282.067,9287	1.046,983m	1.048,809m	
59+700,00	2985	226.621,0199	8.282.067,9124	1.048,001m	1.049,698m	
59+720,00	2986	226.641,0199	8.282.067,8962	1.048,790m	1.050,587m	
59+740,00	2987	226.661,0199	8.282.067,8800	1.049,834m	1.051,476m	
59+760,00	2988	226.681,0199	8.282.067,8638	1.050,816m	1.052,365m	
59+780,00	2989	226.701,0199	8.282.067,8476	1.051,861m	1.053,254m	
59+800,00	2990	226.721,0199	8.282.067,8314	1.052,879m	1.054,143m	
59+820,00	2991	226.741,0199	8.282.067,8151	1.053,891m	1.055,032m	
59+840,00	2992	226.761,0199	8.282.067,7989	1.055,026m	1.055,921m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
59+860,00	2993	226.781,0198	8.282.067,7827	1.056,158m	1.056,810m	
59+880,00	2994	226.801,0198	8.282.067,7665	1.057,133m	1.057,699m	
59+900,00	2995	226.821,0198	8.282.067,7503	1.058,092m	1.058,588m	
59+920,00	2996	226.841,0198	8.282.067,7340	1.058,950m	1.059,477m	
59+940,00	2997	226.861,0198	8.282.067,7178	1.059,916m	1.060,366m	
59+960,00	2998	226.881,0198	8.282.067,7016	1.060,822m	1.061,255m	
59+980,00	2999	226.901,0198	8.282.067,6854	1.061,739m	1.062,144m	
60+000,00	3000	226.921,0198	8.282.067,6692	1.062,808m	1.063,033m	
60+020,00	3001	226.941,0198	8.282.067,6529	1.063,834m	1.063,922m	
60+040,00	3002	226.961,0198	8.282.067,6367	1.064,942m	1.064,811m	
60+060,00	3003	226.981,0198	8.282.067,6205	1.065,903m	1.065,700m	
60+080,00	3004	227.001,0198	8.282.067,6043	1.066,748m	1.066,589m	
60+100,00	3005	227.021,0198	8.282.067,5881	1.067,691m	1.067,478m	
60+120,00	3006	227.041,0198	8.282.067,5719	1.068,612m	1.068,368m	
60+140,00	3007	227.061,0198	8.282.067,5556	1.069,471m	1.069,257m	
60+160,00	3008	227.081,0197	8.282.067,5394	1.070,354m	1.070,146m	
60+180,00	3009	227.101,0197	8.282.067,5232	1.071,108m	1.071,035m	
60+200,00	3010	227.121,0197	8.282.067,5070	1.071,809m	1.071,924m	
60+220,00	3011	227.141,0197	8.282.067,4908	1.072,728m	1.072,813m	
60+240,00	3012	227.161,0197	8.282.067,4745	1.073,663m	1.073,702m	
60+260,00	3013	227.181,0197	8.282.067,4583	1.074,589m	1.074,591m	PCV
60+260,00	3013	227.181,0197	8.282.067,4583	1.074,589m	1.074,591m	
60+280,00	3014	227.201,0197	8.282.067,4421	1.075,629m	1.075,511m	
60+300,00	3015	227.221,0197	8.282.067,4259	1.076,615m	1.076,493m	
60+310,00	3015+10,00	227.231,0197	8.282.067,4178	1.077,096m	1.077,008m	PIV
60+320,00	3016	227.241,0197	8.282.067,4097	1.077,536m	1.077,538m	
60+340,00	3017	227.261,0197	8.282.067,3935	1.078,630m	1.078,645m	
60+360,00	3018	227.281,0197	8.282.067,3772	1.079,711m	1.079,813m	PTV
60+360,00	3018	227.281,0197	8.282.067,3772	1.079,711m	1.079,813m	
60+380,00	3019	227.301,0197	8.282.067,3610	1.080,716m	1.081,013m	
60+400,00	3020	227.321,0197	8.282.067,3448	1.081,662m	1.082,213m	
60+408,01	3020+8,01	227.329,0285	8.282.067,3383	1.082,131m	1.082,694m	
60+420,00	3021	227.341,0196	8.282.067,3702	1.082,874m	1.083,413m	
60+440,00	3022	227.361,0196	8.282.067,4235	1.083,910m	1.084,613m	
60+460,00	3023	227.381,0195	8.282.067,4767	1.084,928m	1.085,813m	
60+480,00	3024	227.401,0194	8.282.067,5299	1.085,904m	1.087,013m	
60+500,00	3025	227.421,0193	8.282.067,5832	1.087,025m	1.088,213m	
60+520,00	3026	227.441,0193	8.282.067,6364	1.088,129m	1.089,413m	
60+540,00	3027	227.461,0192	8.282.067,6896	1.089,063m	1.090,613m	
60+560,00	3028	227.481,0191	8.282.067,7429	1.090,202m	1.091,813m	
60+580,00	3029	227.501,0191	8.282.067,7961	1.091,421m	1.093,013m	
60+600,00	3030	227.521,0190	8.282.067,8493	1.092,495m	1.094,213m	
60+620,00	3031	227.541,0189	8.282.067,9026	1.093,771m	1.095,413m	
60+640,00	3032	227.561,0188	8.282.067,9558	1.094,947m	1.096,613m	
60+660,00	3033	227.581,0188	8.282.068,0090	1.096,110m	1.097,813m	
60+680,00	3034	227.601,0187	8.282.068,0623	1.097,310m	1.099,013m	
60+700,00	3035	227.621,0186	8.282.068,1155	1.098,638m	1.100,213m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
60+720,00	3036	227.641,0186	8.282.068,1687	1.099,870m	1.101,413m	
60+740,00	3037	227.661,0185	8.282.068,2220	1.101,147m	1.102,613m	
60+760,00	3038	227.681,0184	8.282.068,2752	1.102,553m	1.103,813m	
60+780,00	3039	227.701,0184	8.282.068,3284	1.104,019m	1.105,013m	
60+800,00	3040	227.721,0183	8.282.068,3817	1.105,299m	1.106,213m	
60+820,00	3041	227.741,0182	8.282.068,4349	1.106,747m	1.107,413m	
60+840,00	3042	227.761,0181	8.282.068,4881	1.108,130m	1.108,613m	
60+860,00	3043	227.781,0181	8.282.068,5414	1.109,473m	1.109,813m	
60+880,00	3044	227.801,0180	8.282.068,5946	1.110,777m	1.111,013m	
60+900,00	3045	227.821,0179	8.282.068,6478	1.112,221m	1.112,213m	
60+920,00	3046	227.841,0179	8.282.068,7011	1.113,715m	1.113,413m	
60+940,00	3047	227.861,0178	8.282.068,7543	1.115,122m	1.114,613m	
60+960,00	3048	227.881,0177	8.282.068,8075	1.116,560m	1.115,813m	
60+980,00	3049	227.901,0176	8.282.068,8608	1.118,112m	1.117,013m	
61+000,00	3050	227.921,0176	8.282.068,9140	1.119,763m	1.118,213m	
61+020,00	3051	227.941,0175	8.282.068,9672	1.121,390m	1.119,413m	
61+040,00	3052	227.961,0174	8.282.069,0205	1.123,147m	1.120,613m	
61+060,00	3053	227.981,0174	8.282.069,0737	1.124,708m	1.121,813m	
61+080,00	3054	228.001,0173	8.282.069,1269	1.126,325m	1.123,013m	
61+100,00	3055	228.021,0172	8.282.069,1802	1.127,958m	1.124,213m	
61+120,00	3056	228.041,0171	8.282.069,2334	1.129,691m	1.125,413m	
61+140,00	3057	228.061,0171	8.282.069,2866	1.131,343m	1.126,613m	
61+160,00	3058	228.081,0170	8.282.069,3399	1.133,105m	1.127,813m	
61+180,00	3059	228.101,0169	8.282.069,3931	1.134,672m	1.129,013m	
61+200,00	3060	228.121,0169	8.282.069,4463	1.136,401m	1.130,213m	
61+220,00	3061	228.141,0168	8.282.069,4996	1.138,121m	1.131,413m	
61+240,00	3062	228.161,0167	8.282.069,5528	1.139,626m	1.132,613m	
61+260,00	3063	228.181,0167	8.282.069,6060	1.141,261m	1.133,813m	
61+280,00	3064	228.201,0166	8.282.069,6593	1.142,973m	1.135,013m	
61+300,00	3065	228.221,0165	8.282.069,7125	1.144,383m	1.136,213m	
61+320,00	3066	228.241,0164	8.282.069,7657	1.145,525m	1.137,413m	
61+340,00	3067	228.261,0164	8.282.069,8190	1.146,708m	1.138,613m	
61+360,00	3068	228.281,0163	8.282.069,8722	1.147,827m	1.139,813m	
61+380,00	3069	228.301,0162	8.282.069,9254	1.148,804m	1.141,013m	
61+400,00	3070	228.321,0162	8.282.069,9787	1.149,856m	1.142,213m	
61+420,00	3071	228.341,0161	8.282.070,0319	1.150,753m	1.143,413m	
61+440,00	3072	228.361,0160	8.282.070,0851	1.151,623m	1.144,613m	
61+460,00	3073	228.381,0159	8.282.070,1384	1.152,711m	1.145,813m	
61+480,00	3074	228.401,0159	8.282.070,1916	1.153,596m	1.147,013m	
61+500,00	3075	228.421,0158	8.282.070,2448	1.154,548m	1.148,213m	
61+520,00	3076	228.441,0157	8.282.070,2981	1.155,390m	1.149,413m	
61+540,00	3077	228.461,0157	8.282.070,3513	1.156,281m	1.150,613m	
61+560,00	3078	228.481,0156	8.282.070,4045	1.157,274m	1.151,813m	
61+580,00	3079	228.501,0155	8.282.070,4578	1.158,310m	1.153,013m	
61+600,00	3080	228.521,0154	8.282.070,5110	1.159,486m	1.154,213m	
61+620,00	3081	228.541,0154	8.282.070,5642	1.160,625m	1.155,413m	
61+640,00	3082	228.561,0153	8.282.070,6175	1.161,849m	1.156,613m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
61+660,00	3083	228.581,0152	8.282.070,6707	1.163,120m	1.157,813m	
61+680,00	3084	228.601,0152	8.282.070,7239	1.163,830m	1.159,013m	
61+700,00	3085	228.621,0151	8.282.070,7772	1.164,680m	1.160,213m	
61+720,00	3086	228.641,0150	8.282.070,8304	1.165,781m	1.161,413m	
61+740,00	3087	228.661,0150	8.282.070,8837	1.166,983m	1.162,613m	
61+760,00	3088	228.681,0149	8.282.070,9369	1.168,110m	1.163,813m	
61+780,00	3089	228.701,0148	8.282.070,9901	1.169,744m	1.165,013m	
61+800,00	3090	228.721,0147	8.282.071,0434	1.171,071m	1.166,213m	
61+820,00	3091	228.741,0147	8.282.071,0966	1.171,862m	1.167,413m	
61+840,00	3092	228.761,0146	8.282.071,1498	1.172,762m	1.168,613m	
61+860,00	3093	228.781,0145	8.282.071,2031	1.173,686m	1.169,813m	
61+880,00	3094	228.801,0145	8.282.071,2563	1.174,720m	1.171,013m	
61+900,00	3095	228.821,0144	8.282.071,3095	1.175,636m	1.172,213m	
61+920,00	3096	228.841,0143	8.282.071,3628	1.176,537m	1.173,413m	
61+940,00	3097	228.861,0142	8.282.071,4160	1.177,401m	1.174,613m	
61+960,00	3098	228.881,0142	8.282.071,4692	1.178,368m	1.175,813m	
61+980,00	3099	228.901,0141	8.282.071,5225	1.179,396m	1.177,013m	
62+000,00	3100	228.921,0140	8.282.071,5757	1.180,161m	1.178,213m	
62+020,00	3101	228.941,0140	8.282.071,6289	1.181,134m	1.179,413m	
62+030,00	3101+10,00	228.951,0139	8.282.071,6555	1.181,639m	1.180,013m	PCV
62+040,00	3102	228.961,0139	8.282.071,6822	1.182,123m	1.180,608m	
62+060,00	3103	228.981,0138	8.282.071,7354	1.183,092m	1.181,769m	
62+080,00	3104	229.001,0137	8.282.071,7886	1.184,225m	1.182,889m	
62+100,00	3105	229.021,0137	8.282.071,8419	1.185,255m	1.183,970m	
62+120,00	3106	229.041,0136	8.282.071,8951	1.186,148m	1.185,011m	
62+140,00	3107	229.061,0135	8.282.071,9483	1.187,016m	1.186,012m	
62+160,00	3108	229.081,0135	8.282.072,0016	1.188,004m	1.186,973m	
62+180,00	3109	229.101,0134	8.282.072,0548	1.188,323m	1.187,895m	
62+200,00	3110	229.121,0133	8.282.072,1080	1.188,348m	1.188,777m	
62+220,00	3111	229.141,0132	8.282.072,1613	1.188,756m	1.189,619m	
62+240,00	3112	229.161,0132	8.282.072,2145	1.189,384m	1.190,421m	
62+260,00	3113	229.181,0131	8.282.072,2677	1.189,863m	1.191,184m	
62+280,00	3114	229.201,0130	8.282.072,3210	1.190,292m	1.191,906m	
62+300,00	3115	229.221,0130	8.282.072,3742	1.190,769m	1.192,589m	
62+320,00	3116	229.241,0129	8.282.072,4274	1.191,308m	1.193,233m	
62+340,00	3117	229.261,0128	8.282.072,4807	1.192,660m	1.193,836m	
62+360,00	3118	229.281,0128	8.282.072,5339	1.193,171m	1.194,400m	
62+380,00	3119	229.301,0127	8.282.072,5871	1.193,596m	1.194,924m	
62+400,00	3120	229.321,0126	8.282.072,6404	1.194,020m	1.195,408m	
62+420,00	3121	229.341,0125	8.282.072,6936	1.194,581m	1.195,852m	
62+440,00	3122	229.361,0125	8.282.072,7468	1.195,080m	1.196,257m	
62+460,00	3123	229.381,0124	8.282.072,8001	1.195,391m	1.196,622m	
62+480,00	3124	229.401,0123	8.282.072,8533	1.195,693m	1.196,947m	
62+500,00	3125	229.421,0123	8.282.072,9065	1.196,005m	1.197,232m	
62+520,00	3126	229.441,0122	8.282.072,9598	1.196,372m	1.197,478m	
62+540,00	3127	229.461,0121	8.282.073,0130	1.196,671m	1.197,683m	
62+560,00	3128	229.481,0120	8.282.073,0662	1.196,902m	1.197,849m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
62+580,00	3129	229.501,0120	8.282.073,1195	1.197,112m	1.197,976m	
62+600,00	3130	229.521,0119	8.282.073,1727	1.197,281m	1.198,062m	
62+620,00	3131	229.541,0118	8.282.073,2259	1.197,266m	1.198,109m	
62+625,07	3131+5,07	229.546,0803	8.282.073,2394	1.197,283m	1.198,114m	TE
62+633,48	3131+13,48	229.554,4905	8.282.073,2609	1.197,312m	1.198,118m	PB
62+640,00	3132	229.561,0118	8.282.073,2742	1.197,335m	1.198,116m	
62+660,00	3133	229.581,0118	8.282.073,2690	1.197,624m	1.198,083m	
62+680,00	3134	229.601,0113	8.282.073,1390	1.197,358m	1.198,010m	
62+700,00	3135	229.621,0085	8.282.072,8128	1.197,367m	1.197,898m	
62+720,00	3136	229.640,9995	8.282.072,2191	1.197,285m	1.197,746m	
62+740,00	3137	229.660,9775	8.282.071,2866	1.197,068m	1.197,554m	
62+760,00	3138	229.680,9320	8.282.069,9444	1.196,826m	1.197,322m	
62+770,00	3138+10,00	229.690,8960	8.282.069,0975	1.196,700m	1.197,191m	PTV
62+780,00	3139	229.700,8482	8.282.068,1218	1.196,572m	1.197,056m	
62+785,07	3139+5,07	229.705,8871	8.282.067,5752	1.196,509m	1.196,987m	EC
62+800,00	3140	229.720,7068	8.282.065,7538	1.196,338m	1.196,784m	
62+820,00	3141	229.740,4897	8.282.062,8198	1.196,083m	1.196,513m	
62+840,00	3142	229.760,1808	8.282.059,3217	1.195,750m	1.196,241m	
62+860,00	3143	229.779,7638	8.282.055,2626	1.195,385m	1.195,970m	
62+880,00	3144	229.799,2229	8.282.050,6457	1.195,066m	1.195,698m	
62+900,00	3145	229.818,5422	8.282.045,4748	1.194,746m	1.195,427m	
62+920,00	3146	229.837,7059	8.282.039,7540	1.194,364m	1.195,155m	
62+940,00	3147	229.856,6983	8.282.033,4882	1.194,037m	1.194,884m	
62+960,00	3148	229.875,5040	8.282.026,6823	1.193,644m	1.194,612m	
62+980,00	3149	229.894,1075	8.282.019,3420	1.193,290m	1.194,341m	
63+000,00	3150	229.912,4938	8.282.011,4733	1.192,983m	1.194,069m	
63+020,00	3151	229.930,6478	8.282.003,0825	1.192,644m	1.193,798m	
63+040,00	3152	229.948,5547	8.281.994,1765	1.192,374m	1.193,526m	
63+060,00	3153	229.966,1998	8.281.984,7625	1.192,120m	1.193,255m	
63+080,00	3154	229.983,5688	8.281.974,8484	1.191,846m	1.192,983m	
63+100,00	3155	230.000,6475	8.281.964,4421	1.191,471m	1.192,712m	
63+120,00	3156	230.017,4219	8.281.953,5521	1.191,119m	1.192,441m	
63+140,00	3157	230.033,8784	8.281.942,1874	1.190,778m	1.192,169m	
63+160,00	3158	230.050,0035	8.281.930,3572	1.190,465m	1.191,898m	
63+180,00	3159	230.065,7841	8.281.918,0712	1.190,177m	1.191,626m	
63+200,00	3160	230.081,2073	8.281.905,3394	1.189,891m	1.191,355m	
63+220,00	3161	230.096,2604	8.281.892,1722	1.189,632m	1.191,083m	
63+240,00	3162	230.110,9313	8.281.878,5803	1.189,411m	1.190,812m	
63+260,00	3163	230.125,2078	8.281.864,5749	1.189,188m	1.190,540m	
63+280,00	3164	230.139,0785	8.281.850,1673	1.188,974m	1.190,269m	
63+300,00	3165	230.152,5319	8.281.835,3693	1.188,804m	1.189,997m	
63+320,00	3166	230.165,5570	8.281.820,1931	1.188,607m	1.189,726m	
63+340,00	3167	230.178,1433	8.281.804,6510	1.188,371m	1.189,454m	
63+354,85	3167+14,85	230.187,1997	8.281.792,8803	1.188,176m	1.189,253m	CE
63+360,00	3168	230.190,2806	8.281.788,7558	1.188,110m	1.189,183m	
63+380,00	3169	230.201,9779	8.281.772,5338	1.187,799m	1.188,911m	
63+400,00	3170	230.213,2812	8.281.756,0347	1.187,606m	1.188,640m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
63+420,00	3171	230.224,2438	8.281.739,3072	1.187,321m	1.188,369m	
63+440,00	3172	230.234,9216	8.281.722,3964	1.187,139m	1.188,097m	
63+460,00	3173	230.245,3725	8.281.705,3443	1.186,851m	1.187,826m	
63+480,00	3174	230.255,6559	8.281.688,1906	1.186,580m	1.187,554m	
63+500,00	3175	230.265,8323	8.281.670,9732	1.186,292m	1.187,283m	
63+514,85	3175+14,85	230.273,3563	8.281.658,1683	1.186,072m	1.187,081m	ET
63+520,00	3176	230.275,9629	8.281.653,7287	1.186,020m	1.187,011m	
63+540,00	3177	230.286,0893	8.281.636,4818	1.185,793m	1.186,740m	
63+560,00	3178	230.296,2157	8.281.619,2348	1.185,488m	1.186,468m	
63+580,00	3179	230.306,3420	8.281.601,9879	1.185,207m	1.186,197m	
63+600,00	3180	230.316,4684	8.281.584,7410	1.184,979m	1.185,925m	
63+620,00	3181	230.326,5948	8.281.567,4941	1.184,546m	1.185,654m	
63+640,00	3182	230.336,7212	8.281.550,2471	1.184,084m	1.185,363m	
63+660,00	3183	230.346,8475	8.281.533,0002	1.183,645m	1.185,034m	
63+680,00	3184	230.356,9739	8.281.515,7533	1.183,319m	1.184,666m	
63+700,00	3185	230.367,1003	8.281.498,5063	1.182,848m	1.184,260m	
63+720,00	3186	230.377,2267	8.281.481,2594	1.182,351m	1.183,816m	
63+740,00	3187	230.387,3530	8.281.464,0125	1.181,837m	1.183,333m	
63+760,00	3188	230.397,4794	8.281.446,7656	1.181,354m	1.182,812m	
63+780,00	3189	230.407,6058	8.281.429,5186	1.180,768m	1.182,252m	
63+800,00	3190	230.417,7322	8.281.412,2717	1.180,281m	1.181,654m	
63+820,00	3191	230.427,8585	8.281.395,0248	1.179,791m	1.181,017m	
63+840,00	3192	230.437,9849	8.281.377,7779	1.179,224m	1.180,362m	
63+860,00	3193	230.448,1113	8.281.360,5309	1.178,554m	1.179,706m	
63+880,00	3194	230.458,2377	8.281.343,2840	1.178,004m	1.179,050m	
63+900,00	3195	230.468,3640	8.281.326,0371	1.177,451m	1.178,394m	
63+920,00	3196	230.478,4904	8.281.308,7901	1.176,637m	1.177,738m	
63+940,00	3197	230.488,6168	8.281.291,5432	1.175,992m	1.177,083m	
63+960,00	3198	230.498,7432	8.281.274,2963	1.175,300m	1.176,427m	
63+980,00	3199	230.508,8695	8.281.257,0494	1.174,749m	1.175,771m	
64+000,00	3200	230.518,9959	8.281.239,8024	1.174,131m	1.175,115m	
64+020,00	3201	230.529,1223	8.281.222,5555	1.173,591m	1.174,459m	
64+040,00	3202	230.539,2487	8.281.205,3086	1.172,911m	1.173,804m	
64+060,00	3203	230.549,3750	8.281.188,0616	1.172,083m	1.173,148m	
64+080,00	3204	230.559,5014	8.281.170,8147	1.171,443m	1.172,492m	
64+100,00	3205	230.569,6278	8.281.153,5678	1.170,856m	1.171,836m	
64+120,00	3206	230.579,7542	8.281.136,3209	1.170,166m	1.171,180m	
64+140,00	3207	230.589,8805	8.281.119,0739	1.169,348m	1.170,524m	
64+160,00	3208	230.600,0069	8.281.101,8270	1.168,657m	1.169,869m	
64+180,00	3209	230.610,1333	8.281.084,5801	1.168,042m	1.169,213m	
64+200,00	3210	230.620,2597	8.281.067,3331	1.167,491m	1.168,557m	
64+220,00	3211	230.630,3860	8.281.050,0862	1.166,830m	1.167,901m	
64+240,00	3212	230.640,5124	8.281.032,8393	1.166,250m	1.167,245m	
64+260,00	3213	230.650,6388	8.281.015,5924	1.165,675m	1.166,590m	
64+280,00	3214	230.660,7652	8.280.998,3454	1.165,065m	1.165,934m	
64+300,00	3215	230.670,8916	8.280.981,0985	1.164,167m	1.165,278m	
64+320,00	3216	230.681,0179	8.280.963,8516	1.163,480m	1.164,622m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
64+340,00	3217	230.691,1443	8.280.946,6046	1.162,658m	1.163,966m	
64+360,00	3218	230.701,2707	8.280.929,3577	1.161,883m	1.163,311m	
64+380,00	3219	230.711,3971	8.280.912,1108	1.161,382m	1.162,694m	
64+400,00	3220	230.721,5234	8.280.894,8639	1.160,886m	1.162,156m	
64+420,00	3221	230.731,6498	8.280.877,6169	1.160,522m	1.161,697m	
64+440,00	3222	230.741,7762	8.280.860,3700	1.160,235m	1.161,317m	
64+460,00	3223	230.751,9026	8.280.843,1231	1.160,014m	1.161,015m	
64+480,00	3224	230.762,0289	8.280.825,8762	1.159,886m	1.160,791m	
64+500,00	3225	230.772,1553	8.280.808,6292	1.159,865m	1.160,647m	
64+520,00	3226	230.782,2817	8.280.791,3823	1.159,818m	1.160,581m	
64+526,76	3226+6,76	230.785,7046	8.280.785,5524	1.159,822m	1.160,576m	
64+540,00	3227	230.792,4081	8.280.774,1354	1.159,812m	1.160,594m	
64+560,00	3228	230.802,5344	8.280.756,8884	1.159,850m	1.160,685m	
64+580,00	3229	230.812,6608	8.280.739,6415	1.159,811m	1.160,816m	
64+600,00	3230	230.822,7872	8.280.722,3946	1.159,835m	1.160,947m	
64+620,00	3231	230.832,9136	8.280.705,1477	1.159,929m	1.161,077m	
64+640,00	3232	230.843,0399	8.280.687,9007	1.159,970m	1.161,208m	
64+660,00	3233	230.853,1663	8.280.670,6538	1.160,061m	1.161,339m	
64+680,00	3234	230.863,2927	8.280.653,4069	1.160,238m	1.161,469m	
64+700,00	3235	230.873,4191	8.280.636,1599	1.160,428m	1.161,600m	
64+720,00	3236	230.883,5454	8.280.618,9130	1.160,560m	1.161,731m	
64+740,00	3237	230.893,6718	8.280.601,6661	1.160,714m	1.161,862m	
64+760,00	3238	230.903,7982	8.280.584,4192	1.160,806m	1.161,992m	
64+780,00	3239	230.913,9246	8.280.567,1722	1.160,896m	1.162,123m	
64+800,00	3240	230.924,0509	8.280.549,9253	1.161,062m	1.162,254m	
64+820,00	3241	230.934,1773	8.280.532,6784	1.161,299m	1.162,384m	
64+840,00	3242	230.944,3037	8.280.515,4314	1.161,479m	1.162,515m	
64+860,00	3243	230.954,4301	8.280.498,1845	1.161,610m	1.162,646m	
64+860,00	3243	230.954,4301	8.280.498,1845	1.161,610m	1.162,646m	PCV
64+880,00	3244	230.964,5564	8.280.480,9376	1.161,768m	1.162,750m	
64+900,00	3245	230.974,6828	8.280.463,6907	1.161,975m	1.162,800m	
64+908,52	3245+8,52	230.978,9986	8.280.456,3401	1.162,086m	1.162,804m	PB
64+920,00	3246	230.984,8092	8.280.446,4437	1.162,152m	1.162,796m	
64+940,00	3247	230.994,9356	8.280.429,1968	1.162,253m	1.162,738m	
64+957,94	3247+17,94	231.004,0173	8.280.413,7291	1.162,322m	1.162,640m	
64+960,00	3248	231.005,8406	8.280.414,6946	1.162,234m	1.162,626m	
64+960,00	3248	231.005,8406	8.280.414,6946	1.162,234m	1.162,626m	PIV
64+980,00	3249	231.023,5155	8.280.424,0541	1.161,521m	1.162,460m	
65+000,00	3250	231.041,1904	8.280.433,4135	1.160,942m	1.162,241m	
65+020,00	3251	231.058,8652	8.280.442,7730	1.160,455m	1.161,968m	
65+040,00	3252	231.076,5401	8.280.452,1324	1.159,901m	1.161,640m	
65+060,00	3253	231.094,2150	8.280.461,4919	1.159,244m	1.161,259m	
65+060,00	3253	231.094,2150	8.280.461,4919	1.159,244m	1.161,259m	PTV
65+080,00	3254	231.111,8898	8.280.470,8513	1.158,615m	1.160,851m	
65+100,00	3255	231.129,5647	8.280.480,2108	1.158,094m	1.160,443m	
65+120,00	3256	231.147,2395	8.280.489,5702	1.157,606m	1.160,035m	
65+140,00	3257	231.164,9144	8.280.498,9297	1.157,085m	1.159,627m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
65+160,00	3258	231.182,5893	8.280.508,2891	1.156,561m	1.159,219m	
65+180,00	3259	231.200,2641	8.280.517,6486	1.156,142m	1.158,811m	
65+200,00	3260	231.217,9390	8.280.527,0080	1.155,722m	1.158,403m	
65+220,00	3261	231.235,6139	8.280.536,3675	1.155,333m	1.157,995m	
65+240,00	3262	231.253,2887	8.280.545,7269	1.154,954m	1.157,587m	
65+260,00	3263	231.270,9636	8.280.555,0863	1.154,584m	1.157,179m	
65+280,00	3264	231.288,6384	8.280.564,4458	1.154,274m	1.156,770m	
65+300,00	3265	231.306,3133	8.280.573,8052	1.153,957m	1.156,362m	
65+320,00	3266	231.323,9882	8.280.583,1647	1.153,612m	1.155,954m	
65+340,00	3267	231.341,6630	8.280.592,5241	1.153,242m	1.155,546m	
65+360,00	3268	231.359,3379	8.280.601,8836	1.152,961m	1.155,138m	
65+380,00	3269	231.377,0128	8.280.611,2430	1.152,587m	1.154,730m	
65+400,00	3270	231.394,6876	8.280.620,6025	1.152,345m	1.154,322m	
65+420,00	3271	231.412,3625	8.280.629,9619	1.152,170m	1.153,914m	
65+440,00	3272	231.430,0373	8.280.639,3214	1.151,969m	1.153,506m	
65+460,00	3273	231.447,7122	8.280.648,6808	1.151,648m	1.153,098m	
65+480,00	3274	231.465,3871	8.280.658,0403	1.151,451m	1.152,690m	
65+500,00	3275	231.483,0619	8.280.667,3997	1.151,193m	1.152,282m	
65+520,00	3276	231.500,7368	8.280.676,7592	1.151,133m	1.151,874m	
65+540,00	3277	231.518,4116	8.280.686,1186	1.150,963m	1.151,466m	
65+560,00	3278	231.536,0865	8.280.695,4780	1.150,690m	1.151,058m	
65+580,00	3279	231.553,7614	8.280.704,8375	1.150,458m	1.150,649m	
65+600,00	3280	231.571,4362	8.280.714,1969	1.150,209m	1.150,241m	
65+620,00	3281	231.589,1111	8.280.723,5564	1.150,048m	1.149,833m	
65+640,00	3282	231.606,7860	8.280.732,9158	1.149,919m	1.149,425m	
65+660,00	3283	231.624,4608	8.280.742,2753	1.149,808m	1.149,017m	
65+680,00	3284	231.642,1357	8.280.751,6347	1.149,727m	1.148,609m	
65+700,00	3285	231.659,8105	8.280.760,9942	1.149,629m	1.148,201m	
65+720,00	3286	231.677,4854	8.280.770,3536	1.149,528m	1.147,793m	
65+740,00	3287	231.695,1603	8.280.779,7131	1.149,359m	1.147,385m	
65+760,00	3288	231.712,8351	8.280.789,0725	1.149,173m	1.146,977m	
65+780,00	3289	231.730,5100	8.280.798,4320	1.148,991m	1.146,569m	
65+800,00	3290	231.748,1849	8.280.807,7914	1.148,708m	1.146,161m	
65+820,00	3291	231.765,8597	8.280.817,1509	1.148,367m	1.145,753m	
65+840,00	3292	231.783,5346	8.280.826,5103	1.148,093m	1.145,345m	
65+860,00	3293	231.801,2094	8.280.835,8698	1.147,801m	1.144,937m	
65+880,00	3294	231.818,8843	8.280.845,2292	1.147,318m	1.144,529m	
65+900,00	3295	231.836,5592	8.280.854,5886	1.146,668m	1.144,120m	
65+920,00	3296	231.854,2340	8.280.863,9481	1.146,009m	1.143,712m	
65+940,00	3297	231.871,9089	8.280.873,3075	1.145,279m	1.143,304m	
65+960,00	3298	231.889,5838	8.280.882,6670	1.144,718m	1.142,896m	
65+980,00	3299	231.907,2586	8.280.892,0264	1.143,642m	1.142,488m	
66+000,00	3300	231.924,9335	8.280.901,3859	1.142,625m	1.142,054m	
66+020,00	3301	231.942,6083	8.280.910,7453	1.141,602m	1.141,567m	
66+040,00	3302	231.960,2832	8.280.920,1048	1.140,561m	1.141,026m	
66+060,00	3303	231.977,9581	8.280.929,4642	1.139,084m	1.140,434m	
66+080,00	3304	231.995,6329	8.280.938,8237	1.137,258m	1.139,788m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
66+100,00	3305	232.013,3078	8.280.948,1831	1.135,731m	1.139,090m	
66+120,00	3306	232.030,9827	8.280.957,5426	1.134,623m	1.138,338m	
66+130,00	3306+10,00	232.039,8201	8.280.962,2223	1.134,134m	1.137,943m	PIV
66+140,00	3307	232.048,6575	8.280.966,9020	1.133,603m	1.137,534m	
66+160,00	3308	232.066,3324	8.280.976,2615	1.132,651m	1.136,677m	
66+180,00	3309	232.084,0072	8.280.985,6209	1.131,710m	1.135,768m	
66+200,00	3310	232.101,6821	8.280.994,9804	1.130,816m	1.134,805m	
66+220,00	3311	232.119,3570	8.281.004,3398	1.130,205m	1.133,790m	
66+240,00	3312	232.137,0318	8.281.013,6992	1.129,629m	1.132,722m	
66+260,00	3313	232.154,7067	8.281.023,0587	1.128,702m	1.131,601m	
66+280,00	3314	232.172,3815	8.281.032,4181	1.127,861m	1.130,428m	
66+300,00	3315	232.190,0564	8.281.041,7776	1.126,976m	1.129,228m	
66+320,00	3316	232.207,7313	8.281.051,1370	1.126,215m	1.128,028m	
66+340,00	3317	232.225,4061	8.281.060,4965	1.125,475m	1.126,828m	
66+360,00	3318	232.243,0810	8.281.069,8559	1.124,823m	1.125,628m	
66+380,00	3319	232.260,7559	8.281.079,2154	1.124,201m	1.124,428m	
66+400,00	3320	232.278,4307	8.281.088,5748	1.123,080m	1.123,228m	
66+420,00	3321	232.296,1056	8.281.097,9343	1.121,677m	1.122,028m	
66+439,29	3321+19,29	232.313,1568	8.281.106,9635	1.119,967m	1.120,870m	
66+440,00	3322	232.313,7824	8.281.107,2900	1.119,906m	1.120,828m	
66+460,00	3323	232.331,5124	8.281.116,5445	1.118,213m	1.119,628m	
66+480,00	3324	232.349,2425	8.281.125,7990	1.116,568m	1.118,428m	
66+500,00	3325	232.366,9725	8.281.135,0535	1.114,969m	1.117,228m	
66+520,00	3326	232.384,7025	8.281.144,3081	1.113,579m	1.116,028m	
66+540,00	3327	232.402,4326	8.281.153,5626	1.112,121m	1.114,828m	
66+560,00	3328	232.420,1626	8.281.162,8171	1.110,777m	1.113,628m	
66+580,00	3329	232.437,8926	8.281.172,0716	1.109,291m	1.112,428m	
66+600,00	3330	232.455,6226	8.281.181,3261	1.108,077m	1.111,228m	
66+620,00	3331	232.473,3527	8.281.190,5806	1.106,917m	1.110,028m	
66+640,00	3332	232.491,0827	8.281.199,8351	1.105,843m	1.108,828m	
66+660,00	3333	232.508,8127	8.281.209,0896	1.104,684m	1.107,628m	
66+680,00	3334	232.526,5428	8.281.218,3441	1.103,697m	1.106,428m	
66+700,00	3335	232.544,2728	8.281.227,5987	1.102,670m	1.105,228m	
66+720,00	3336	232.562,0028	8.281.236,8532	1.101,496m	1.104,028m	
66+740,00	3337	232.579,7329	8.281.246,1077	1.100,224m	1.102,828m	
66+760,00	3338	232.597,4629	8.281.255,3622	1.098,856m	1.101,628m	
66+780,00	3339	232.615,1929	8.281.264,6167	1.097,455m	1.100,428m	
66+800,00	3340	232.632,9230	8.281.273,8712	1.096,144m	1.099,228m	
66+820,00	3341	232.650,6530	8.281.283,1257	1.094,937m	1.098,028m	
66+840,00	3342	232.668,3830	8.281.292,3802	1.094,042m	1.096,828m	
66+860,00	3343	232.686,1131	8.281.301,6347	1.092,459m	1.095,628m	
66+880,00	3344	232.703,8431	8.281.310,8893	1.091,421m	1.094,428m	
66+900,00	3345	232.721,5731	8.281.320,1438	1.090,363m	1.093,228m	
66+920,00	3346	232.739,3032	8.281.329,3983	1.089,224m	1.092,028m	
66+940,00	3347	232.757,0332	8.281.338,6528	1.088,204m	1.090,828m	
66+960,00	3348	232.774,7632	8.281.347,9073	1.087,216m	1.089,628m	
66+980,00	3349	232.792,4932	8.281.357,1618	1.086,442m	1.088,428m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
67+000,00	3350	232.810,2233	8.281.366,4163	1.085,485m	1.087,228m	
67+020,00	3351	232.827,9533	8.281.375,6708	1.084,366m	1.086,028m	
67+040,00	3352	232.845,6833	8.281.384,9253	1.083,338m	1.084,863m	
67+060,00	3353	232.863,4134	8.281.394,1799	1.082,335m	1.083,769m	
67+080,00	3354	232.881,1434	8.281.403,4344	1.081,259m	1.082,746m	
67+100,00	3355	232.898,8734	8.281.412,6889	1.080,301m	1.081,793m	
67+120,00	3356	232.916,6035	8.281.421,9434	1.079,192m	1.080,911m	
67+140,00	3357	232.934,3335	8.281.431,1979	1.078,178m	1.080,100m	
67+160,00	3358	232.952,0635	8.281.440,4524	1.077,191m	1.079,359m	
67+170,00	3358+10,00	232.960,9286	8.281.445,0797	1.076,798m	1.079,015m	PIV
67+180,00	3359	232.969,7936	8.281.449,7069	1.076,379m	1.078,689m	
67+200,00	3360	232.987,5236	8.281.458,9614	1.075,776m	1.078,090m	
67+220,00	3361	233.005,2536	8.281.468,2159	1.074,820m	1.077,561m	
67+240,00	3362	233.022,9837	8.281.477,4705	1.074,798m	1.077,104m	
67+260,00	3363	233.040,7137	8.281.486,7250	1.074,341m	1.076,716m	
67+280,00	3364	233.058,4437	8.281.495,9795	1.074,116m	1.076,400m	
67+300,00	3365	233.076,1738	8.281.505,2340	1.074,144m	1.076,154m	
67+320,00	3366	233.093,9038	8.281.514,4885	1.074,166m	1.075,979m	
67+340,00	3367	233.111,6338	8.281.523,7430	1.074,437m	1.075,839m	
67+360,00	3368	233.129,3639	8.281.532,9975	1.074,760m	1.075,699m	
67+380,00	3369	233.147,0939	8.281.542,2520	1.075,011m	1.075,559m	
67+400,00	3370	233.164,8239	8.281.551,5065	1.075,125m	1.075,419m	
67+420,00	3371	233.182,5539	8.281.560,7611	1.075,104m	1.075,279m	
67+440,00	3372	233.200,2840	8.281.570,0156	1.074,964m	1.075,139m	
67+460,00	3373	233.218,0140	8.281.579,2701	1.074,737m	1.074,999m	
67+480,00	3374	233.235,7440	8.281.588,5246	1.074,400m	1.074,860m	
67+500,00	3375	233.253,4741	8.281.597,7791	1.074,046m	1.074,720m	
67+520,00	3376	233.271,2041	8.281.607,0336	1.073,506m	1.074,580m	
67+523,12	3376+3,12	233.273,9722	8.281.608,4785	1.073,395m	1.074,558m	
67+540,00	3377	233.288,8984	8.281.616,3562	1.072,858m	1.074,440m	
67+560,00	3378	233.306,5861	8.281.625,6913	1.072,333m	1.074,300m	
67+580,00	3379	233.324,2738	8.281.635,0265	1.071,981m	1.074,160m	
67+600,00	3380	233.341,9615	8.281.644,3616	1.071,688m	1.074,020m	
67+620,00	3381	233.359,6493	8.281.653,6968	1.071,302m	1.073,907m	
67+640,00	3382	233.377,3370	8.281.663,0319	1.069,714m	1.073,848m	
67+652,25	3382+12,25	233.388,1720	8.281.668,7504	1.071,581m	1.073,838m	
67+660,00	3383	233.395,0247	8.281.672,3671	1.071,532m	1.073,842m	
67+680,00	3384	233.412,7124	8.281.681,7022	1.071,425m	1.073,889m	
67+700,00	3385	233.430,4001	8.281.691,0374	1.071,519m	1.073,990m	
67+720,00	3386	233.448,0878	8.281.700,3725	1.071,623m	1.074,145m	
67+740,00	3387	233.465,7755	8.281.709,7076	1.071,778m	1.074,353m	
67+750,00	3387+10,00	233.474,6194	8.281.714,3752	1.071,927m	1.074,477m	PIV
67+760,00	3388	233.483,4632	8.281.719,0428	1.072,084m	1.074,615m	
67+780,00	3389	233.501,1509	8.281.728,3779	1.072,472m	1.074,930m	
67+800,00	3390	233.518,8386	8.281.737,7131	1.073,028m	1.075,299m	
67+820,00	3391	233.536,5263	8.281.747,0482	1.073,742m	1.075,721m	
67+840,00	3392	233.554,2140	8.281.756,3834	1.074,724m	1.076,197m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
67+846,39	3392+6,39	233.559,8612	8.281.759,3638	1.075,064m	1.076,360m	
67+860,00	3393	233.571,9177	8.281.765,6883	1.075,791m	1.076,726m	
67+880,00	3394	233.589,6288	8.281.774,9790	1.076,743m	1.077,309m	
67+900,00	3395	233.607,3399	8.281.784,2696	1.077,373m	1.077,945m	
67+920,00	3396	233.625,0510	8.281.793,5603	1.078,020m	1.078,609m	
67+940,00	3397	233.642,7621	8.281.802,8510	1.078,716m	1.079,272m	
67+960,00	3398	233.660,4732	8.281.812,1417	1.079,399m	1.079,935m	
67+980,00	3399	233.678,1843	8.281.821,4324	1.080,130m	1.080,598m	
68+000,00	3400	233.695,8954	8.281.830,7231	1.081,024m	1.081,262m	
68+020,00	3401	233.713,6065	8.281.840,0138	1.081,739m	1.081,925m	
68+040,00	3402	233.731,3176	8.281.849,3045	1.082,863m	1.082,588m	
68+060,00	3403	233.749,0287	8.281.858,5952	1.083,309m	1.083,251m	
68+080,00	3404	233.766,7398	8.281.867,8858	1.083,681m	1.083,915m	
68+100,00	3405	233.784,4509	8.281.877,1765	1.084,163m	1.084,578m	
68+120,00	3406	233.802,1620	8.281.886,4672	1.084,657m	1.085,241m	
68+140,00	3407	233.819,8731	8.281.895,7579	1.085,120m	1.085,904m	
68+160,00	3408	233.837,5842	8.281.905,0486	1.085,544m	1.086,568m	
68+180,00	3409	233.855,2953	8.281.914,3393	1.085,863m	1.087,212m	
68+200,00	3410	233.873,0064	8.281.923,6300	1.086,221m	1.087,819m	
68+220,00	3411	233.890,7175	8.281.932,9207	1.086,628m	1.088,389m	
68+240,00	3412	233.908,4286	8.281.942,2113	1.087,129m	1.088,922m	
68+260,00	3413	233.926,1397	8.281.951,5020	1.087,676m	1.089,417m	
68+280,00	3414	233.943,8508	8.281.960,7927	1.088,041m	1.089,875m	
68+300,00	3415	233.961,5619	8.281.970,0834	1.088,180m	1.090,295m	
68+320,00	3416	233.979,2730	8.281.979,3741	1.088,395m	1.090,678m	
68+340,00	3417	233.996,9841	8.281.988,6648	1.088,638m	1.091,024m	
68+360,00	3418	234.014,6952	8.281.997,9555	1.088,921m	1.091,332m	
68+380,00	3419	234.032,4063	8.282.007,2462	1.089,218m	1.091,622m	
68+400,00	3420	234.050,1174	8.282.016,5369	1.089,487m	1.091,912m	
68+420,00	3421	234.067,8285	8.282.025,8275	1.089,834m	1.092,201m	
68+440,00	3422	234.085,5396	8.282.035,1182	1.090,280m	1.092,491m	
68+460,00	3423	234.103,2507	8.282.044,4089	1.090,498m	1.092,781m	
68+480,00	3424	234.120,9618	8.282.053,6996	1.090,635m	1.093,070m	
68+500,00	3425	234.138,6729	8.282.062,9903	1.090,793m	1.093,360m	
68+520,00	3426	234.156,3840	8.282.072,2810	1.091,000m	1.093,650m	
68+540,00	3427	234.174,0951	8.282.081,5717	1.091,200m	1.093,939m	
68+560,00	3428	234.191,8062	8.282.090,8624	1.091,499m	1.094,229m	
68+580,00	3429	234.209,5173	8.282.100,1530	1.091,780m	1.094,519m	
68+600,00	3430	234.227,2284	8.282.109,4437	1.092,173m	1.094,808m	
68+620,00	3431	234.244,9395	8.282.118,7344	1.092,564m	1.095,098m	
68+640,00	3432	234.262,6506	8.282.128,0251	1.092,984m	1.095,388m	
68+660,00	3433	234.280,3617	8.282.137,3158	1.093,428m	1.095,691m	
68+680,00	3434	234.298,0728	8.282.146,6065	1.093,900m	1.096,020m	
68+700,00	3435	234.315,7839	8.282.155,8972	1.094,362m	1.096,375m	
68+720,00	3436	234.333,4950	8.282.165,1879	1.094,832m	1.096,756m	
68+740,00	3437	234.351,2061	8.282.174,4786	1.095,351m	1.097,164m	
68+760,00	3438	234.368,9172	8.282.183,7692	1.095,900m	1.097,598m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
68+780,00	3439	234.386,6283	8.282.193,0599	1.096,446m	1.098,058m	
68+800,00	3440	234.404,3394	8.282.202,3506	1.096,979m	1.098,545m	
68+820,00	3441	234.422,0505	8.282.211,6413	1.097,584m	1.099,057m	
68+840,00	3442	234.439,7616	8.282.220,9320	1.098,209m	1.099,596m	
68+860,00	3443	234.457,4727	8.282.230,2227	1.099,155m	1.100,161m	
68+880,00	3444	234.475,1838	8.282.239,5134	1.099,424m	1.100,753m	
68+900,00	3445	234.492,8949	8.282.248,8041	1.099,973m	1.101,370m	
68+920,00	3446	234.510,6060	8.282.258,0947	1.100,589m	1.102,014m	
68+940,00	3447	234.528,3171	8.282.267,3854	1.101,344m	1.102,684m	
68+960,00	3448	234.546,0282	8.282.276,6761	1.102,033m	1.103,381m	
68+980,00	3449	234.563,7394	8.282.285,9668	1.102,672m	1.104,103m	
69+000,00	3450	234.581,4505	8.282.295,2575	1.103,360m	1.104,852m	
69+020,00	3451	234.599,1616	8.282.304,5482	1.104,089m	1.105,627m	
69+040,00	3452	234.616,8727	8.282.313,8389	1.104,882m	1.106,428m	
69+060,00	3453	234.634,5838	8.282.323,1296	1.105,614m	1.107,243m	
69+080,00	3454	234.652,2949	8.282.332,4203	1.106,424m	1.108,057m	
69+100,00	3455	234.670,0060	8.282.341,7109	1.107,259m	1.108,872m	
69+120,00	3456	234.687,7171	8.282.351,0016	1.108,016m	1.109,686m	
69+140,00	3457	234.705,4282	8.282.360,2923	1.108,948m	1.110,500m	
69+160,00	3458	234.723,1393	8.282.369,5830	1.109,758m	1.111,315m	
69+180,00	3459	234.740,8504	8.282.378,8737	1.110,519m	1.112,129m	
69+200,00	3460	234.758,5615	8.282.388,1644	1.111,352m	1.112,944m	
69+220,00	3461	234.776,2726	8.282.397,4551	1.112,276m	1.113,758m	
69+240,00	3462	234.793,9837	8.282.406,7458	1.112,946m	1.114,572m	
69+260,00	3463	234.811,6948	8.282.416,0364	1.113,894m	1.115,387m	
69+280,00	3464	234.829,4059	8.282.425,3271	1.114,692m	1.116,201m	
69+300,00	3465	234.847,1170	8.282.434,6178	1.115,465m	1.117,016m	
69+320,00	3466	234.864,8281	8.282.443,9085	1.116,331m	1.117,830m	
69+340,00	3467	234.882,5392	8.282.453,1992	1.117,126m	1.118,644m	
69+360,00	3468	234.900,2503	8.282.462,4899	1.118,135m	1.119,459m	
69+380,00	3469	234.917,9614	8.282.471,7806	1.119,041m	1.120,273m	
69+400,00	3470	234.935,6725	8.282.481,0713	1.119,815m	1.121,088m	PCV
69+400,00	3470	234.935,6725	8.282.481,0713	1.119,815m	1.121,088m	
69+420,00	3471	234.953,3836	8.282.490,3620	1.120,793m	1.121,868m	
69+440,00	3472	234.971,0947	8.282.499,6526	1.121,751m	1.122,579m	
69+460,00	3473	234.988,8058	8.282.508,9433	1.122,471m	1.123,222m	
69+480,00	3474	235.006,5169	8.282.518,2340	1.123,523m	1.123,796m	PIV
69+480,00	3474	235.006,5169	8.282.518,2340	1.123,523m	1.123,796m	
69+483,07	3474+3,07	235.009,2361	8.282.519,6604	1.123,767m	1.123,878m	
69+500,00	3475	235.012,9351	8.282.536,1808	1.123,978m	1.124,302m	
69+520,00	3476	235.017,3051	8.282.555,6975	1.124,374m	1.124,739m	
69+540,00	3477	235.021,6751	8.282.575,2142	1.124,602m	1.125,107m	
69+560,00	3478	235.026,0451	8.282.594,7310	1.124,918m	1.125,407m	PTV
69+560,00	3478	235.026,0451	8.282.594,7310	1.124,918m	1.125,407m	
69+580,00	3479	235.030,4151	8.282.614,2477	1.125,211m	1.125,672m	
69+600,00	3480	235.034,7851	8.282.633,7645	1.125,452m	1.125,938m	
69+620,00	3481	235.039,1550	8.282.653,2812	1.125,759m	1.126,203m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
69+640,00	3482	235.043,5250	8.282.672,7979	1.126,054m	1.126,469m	
69+660,00	3483	235.047,8950	8.282.692,3147	1.126,286m	1.126,734m	
69+680,00	3484	235.052,2650	8.282.711,8314	1.126,414m	1.127,000m	
69+700,00	3485	235.056,6350	8.282.731,3482	1.126,534m	1.127,265m	
69+720,00	3486	235.061,0050	8.282.750,8649	1.126,673m	1.127,530m	
69+740,00	3487	235.065,3750	8.282.770,3817	1.126,819m	1.127,796m	
69+760,00	3488	235.069,7449	8.282.789,8984	1.127,023m	1.128,061m	
69+780,00	3489	235.074,1149	8.282.809,4151	1.127,252m	1.128,327m	
69+800,00	3490	235.078,4849	8.282.828,9319	1.127,508m	1.128,592m	
69+820,00	3491	235.082,8549	8.282.848,4486	1.127,680m	1.128,858m	
69+840,00	3492	235.087,2249	8.282.867,9654	1.127,934m	1.129,123m	
69+860,00	3493	235.091,5949	8.282.887,4821	1.128,166m	1.129,389m	
69+880,00	3494	235.095,9648	8.282.906,9989	1.128,461m	1.129,654m	
69+900,00	3495	235.100,3348	8.282.926,5156	1.128,776m	1.129,919m	
69+920,00	3496	235.104,7048	8.282.946,0323	1.129,057m	1.130,185m	
69+940,00	3497	235.109,0748	8.282.965,5491	1.129,318m	1.130,450m	
69+960,00	3498	235.113,4448	8.282.985,0658	1.129,639m	1.130,716m	
69+980,00	3499	235.117,8148	8.283.004,5826	1.129,887m	1.130,981m	
70+000,00	3500	235.122,1848	8.283.024,0993	1.130,184m	1.131,247m	
70+020,00	3501	235.126,5547	8.283.043,6161	1.130,411m	1.131,512m	
70+040,00	3502	235.130,9247	8.283.063,1328	1.130,677m	1.131,777m	
70+060,00	3503	235.135,2947	8.283.082,6495	1.131,017m	1.132,043m	
70+080,00	3504	235.139,6647	8.283.102,1663	1.131,311m	1.132,308m	
70+100,00	3505	235.144,0347	8.283.121,6830	1.131,536m	1.132,574m	
70+120,00	3506	235.148,4047	8.283.141,1998	1.131,752m	1.132,839m	
70+140,00	3507	235.152,7747	8.283.160,7165	1.132,043m	1.133,105m	
70+160,00	3508	235.157,1446	8.283.180,2332	1.132,369m	1.133,370m	
70+180,00	3509	235.161,5146	8.283.199,7500	1.132,715m	1.133,636m	
70+200,00	3510	235.165,8846	8.283.219,2667	1.133,060m	1.133,901m	
70+220,00	3511	235.170,2546	8.283.238,7835	1.133,504m	1.134,166m	
70+240,00	3512	235.174,6246	8.283.258,3002	1.133,875m	1.134,432m	
70+260,00	3513	235.178,9946	8.283.277,8170	1.134,281m	1.134,697m	
70+280,00	3514	235.183,3645	8.283.297,3337	1.134,650m	1.134,996m	
70+300,00	3515	235.187,7345	8.283.316,8504	1.135,051m	1.135,359m	
70+310,00	3515+10,00	235.189,9195	8.283.326,6088	1.135,276m	1.135,566m	PIV
70+320,00	3516	235.192,1045	8.283.336,3672	1.135,497m	1.135,789m	
70+340,00	3517	235.196,4745	8.283.355,8839	1.135,892m	1.136,283m	
70+360,00	3518	235.200,8445	8.283.375,4007	1.136,339m	1.136,844m	
70+380,00	3519	235.205,2145	8.283.394,9174	1.136,790m	1.137,437m	
70+400,00	3520	235.209,5845	8.283.414,4342	1.137,358m	1.138,030m	
70+420,00	3521	235.213,9544	8.283.433,9509	1.138,005m	1.138,623m	
70+440,00	3522	235.218,3244	8.283.453,4676	1.138,532m	1.139,216m	
70+460,00	3523	235.222,6944	8.283.472,9844	1.139,158m	1.139,810m	
70+480,00	3524	235.227,0644	8.283.492,5011	1.139,840m	1.140,403m	
70+500,00	3525	235.231,4344	8.283.512,0179	1.140,482m	1.140,996m	
70+520,00	3526	235.235,8044	8.283.531,5346	1.141,024m	1.141,589m	
70+540,00	3527	235.240,1744	8.283.551,0514	1.141,758m	1.142,182m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
70+560,00	3528	235.244,5443	8.283.570,5681	1.142,423m	1.142,775m	
70+580,00	3529	235.248,9143	8.283.590,0848	1.143,116m	1.143,369m	
70+600,00	3530	235.253,2843	8.283.609,6016	1.143,775m	1.143,962m	
70+620,00	3531	235.257,6543	8.283.629,1183	1.144,478m	1.144,555m	
70+640,00	3532	235.262,0243	8.283.648,6351	1.145,237m	1.145,185m	
70+660,00	3533	235.266,3943	8.283.668,1518	1.146,069m	1.145,888m	
70+670,00	3533+10,00	235.268,5793	8.283.677,9102	1.146,437m	1.146,267m	PIV
70+680,00	3534	235.270,7643	8.283.687,6685	1.146,819m	1.146,664m	
70+700,00	3535	235.275,1342	8.283.707,1853	1.147,681m	1.147,514m	
70+720,00	3536	235.279,5042	8.283.726,7020	1.148,692m	1.148,437m	
70+740,00	3537	235.283,8742	8.283.746,2188	1.149,375m	1.149,396m	
70+760,00	3538	235.288,2442	8.283.765,7355	1.150,058m	1.150,355m	
70+780,00	3539	235.292,6142	8.283.785,2523	1.150,868m	1.151,315m	
70+786,34	3539+6,34	235.293,9996	8.283.791,4395	1.151,091m	1.151,619m	TE
70+800,00	3540	235.297,0067	8.283.804,7639	1.151,612m	1.152,274m	
70+820,00	3541	235.301,6905	8.283.824,2072	1.152,515m	1.153,234m	
70+840,00	3542	235.307,0820	8.283.843,4648	1.153,290m	1.154,193m	
70+860,00	3543	235.313,5863	8.283.862,3734	1.154,182m	1.155,153m	
70+866,34	3543+6,34	235.315,9426	8.283.868,2596	1.154,536m	1.155,457m	EC
70+880,00	3544	235.321,5600	8.283.880,7084	1.155,552m	1.156,112m	
70+900,00	3545	235.331,0938	8.283.898,2826	1.156,912m	1.157,072m	
70+920,00	3546	235.342,1178	8.283.914,9625	1.158,102m	1.158,031m	
70+940,00	3547	235.354,5488	8.283.930,6220	1.158,775m	1.158,990m	
70+960,00	3548	235.368,2928	8.283.945,1426	1.159,700m	1.159,950m	
70+980,00	3549	235.383,2460	8.283.958,4148	1.160,830m	1.160,909m	
71+000,00	3550	235.399,2953	8.283.970,3382	1.161,729m	1.161,869m	
71+020,00	3551	235.416,3195	8.283.980,8228	1.162,615m	1.162,828m	
71+040,00	3552	235.434,1899	8.283.989,7892	1.163,949m	1.163,788m	
71+060,00	3553	235.452,7715	8.283.997,1697	1.165,177m	1.164,747m	
71+080,00	3554	235.471,9238	8.284.002,9086	1.166,472m	1.165,707m	
71+096,45	3554+16,45	235.487,9991	8.284.006,3669	1.167,218m	1.166,496m	CE
71+100,00	3555	235.491,5022	8.284.006,9629	1.167,307m	1.166,666m	
71+120,00	3556	235.511,3465	8.284.009,4185	1.168,103m	1.167,626m	
71+140,00	3557	235.531,3062	8.284.010,6528	1.168,945m	1.168,585m	
71+160,00	3558	235.551,3006	8.284.011,0956	1.169,913m	1.169,544m	
71+176,45	3558+16,45	235.567,7470	8.284.011,1726	1.170,628m	1.170,333m	ET
71+180,00	3559	235.571,3004	8.284.011,1806	1.170,822m	1.170,504m	
71+200,00	3560	235.591,3003	8.284.011,2252	1.171,818m	1.171,463m	
71+220,00	3561	235.611,3003	8.284.011,2699	1.172,642m	1.172,423m	
71+240,00	3562	235.631,3002	8.284.011,3145	1.173,369m	1.173,382m	
71+260,00	3563	235.651,3002	8.284.011,3592	1.174,142m	1.174,342m	
71+280,00	3564	235.671,3001	8.284.011,4038	1.174,937m	1.175,301m	
71+300,00	3565	235.691,3001	8.284.011,4485	1.175,793m	1.176,261m	
71+320,00	3566	235.711,3000	8.284.011,4931	1.176,516m	1.177,220m	PCV
71+320,00	3566	235.711,3000	8.284.011,4931	1.176,516m	1.177,220m	
71+340,00	3567	235.731,3000	8.284.011,5378	1.177,279m	1.178,133m	
71+360,00	3568	235.751,2999	8.284.011,5824	1.178,151m	1.178,952m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
71+380,00	3569	235.771,2999	8.284.011,6271	1.178,841m	1.179,679m	
71+400,00	3570	235.791,2998	8.284.011,6717	1.179,597m	1.180,312m	
71+420,00	3571	235.811,2998	8.284.011,7164	1.180,612m	1.180,852m	PIV
71+420,00	3571	235.811,2998	8.284.011,7164	1.180,612m	1.180,852m	
71+440,00	3572	235.831,2997	8.284.011,7610	1.181,562m	1.181,299m	
71+460,00	3573	235.851,2997	8.284.011,8057	1.182,534m	1.181,653m	
71+472,00	3573+12,00	235.863,3042	8.284.011,8325	1.182,672m	1.181,820m	
71+473,11	3573+13,11	235.863,6747	8.284.010,7918	1.182,666m	1.181,834m	PC
71+480,00	3574	235.866,0489	8.284.004,3230	1.182,614m	1.181,913m	
71+500,00	3575	235.873,6447	8.283.985,8245	1.182,504m	1.182,080m	
71+520,00	3576	235.882,2702	8.283.967,7830	1.182,413m	1.182,154m	PTV
71+520,00	3576	235.882,2702	8.283.967,7830	1.182,413m	1.182,154m	
71+540,00	3577	235.891,8979	8.283.950,2558	1.182,337m	1.182,182m	
71+560,00	3578	235.902,4972	8.283.933,2985	1.182,261m	1.182,209m	
71+580,00	3579	235.914,0345	8.283.916,9650	1.182,281m	1.182,237m	
71+600,00	3580	235.926,4733	8.283.901,3070	1.182,292m	1.182,264m	
71+620,00	3581	235.939,7739	8.283.886,3743	1.182,324m	1.182,291m	
71+640,00	3582	235.953,8943	8.283.872,2142	1.182,314m	1.182,319m	
71+660,00	3583	235.968,7897	8.283.858,8717	1.182,193m	1.182,346m	
71+680,00	3584	235.984,4127	8.283.846,3890	1.182,116m	1.182,374m	
71+700,00	3585	236.000,7138	8.283.834,8059	1.182,243m	1.182,401m	
71+720,00	3586	236.017,6412	8.283.824,1591	1.182,327m	1.182,428m	
71+740,00	3587	236.035,1413	8.283.814,4822	1.182,425m	1.182,456m	
71+760,00	3588	236.053,1585	8.283.805,8062	1.182,520m	1.182,483m	
71+780,00	3589	236.071,6357	8.283.798,1584	1.182,563m	1.182,511m	
71+788,38	3589+8,38	236.079,4996	8.283.795,2659	1.182,557m	1.182,516m	PB
71+800,00	3590	236.090,5142	8.283.791,5632	1.182,542m	1.182,505m	
71+820,00	3591	236.109,7341	8.283.786,0414	1.182,419m	1.182,435m	
71+834,31	3591+14,31	236.123,6657	8.283.782,7584	1.182,300m	1.182,344m	PT
71+840,00	3592	236.129,2251	8.283.781,5661	1.182,237m	1.182,298m	
71+860,00	3593	236.148,7804	8.283.777,3721	1.182,010m	1.182,097m	
71+880,00	3594	236.168,3357	8.283.773,1781	1.181,734m	1.181,830m	
71+900,00	3595	236.187,8910	8.283.768,9841	1.181,415m	1.181,497m	
71+920,00	3596	236.207,4463	8.283.764,7901	1.181,028m	1.181,132m	
71+940,00	3597	236.227,0017	8.283.760,5960	1.180,635m	1.180,767m	
71+960,00	3598	236.246,5570	8.283.756,4020	1.180,219m	1.180,402m	
71+980,00	3599	236.266,1123	8.283.752,2080	1.179,787m	1.180,037m	
72+000,00	3600	236.285,6676	8.283.748,0140	1.179,350m	1.179,672m	
72+020,00	3601	236.305,2229	8.283.743,8200	1.179,209m	1.179,307m	
72+040,00	3602	236.324,7782	8.283.739,6260	1.179,100m	1.178,942m	
72+060,00	3603	236.344,3335	8.283.735,4320	1.178,618m	1.178,554m	
72+080,00	3604	236.363,8889	8.283.731,2380	1.178,103m	1.178,122m	
72+100,00	3605	236.383,4442	8.283.727,0440	1.177,571m	1.177,644m	
72+120,00	3606	236.402,9995	8.283.722,8500	1.177,017m	1.177,122m	
72+140,00	3607	236.422,5548	8.283.718,6560	1.176,413m	1.176,555m	
72+160,00	3608	236.442,1101	8.283.714,4620	1.175,806m	1.175,943m	
72+180,00	3609	236.461,6654	8.283.710,2680	1.175,135m	1.175,287m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
72+200,00	3610	236.481,2207	8.283.706,0739	1.174,435m	1.174,585m	
72+220,00	3611	236.500,7761	8.283.701,8799	1.173,703m	1.173,839m	
72+240,00	3612	236.520,3314	8.283.697,6859	1.172,927m	1.173,047m	
72+260,00	3613	236.539,8867	8.283.693,4919	1.172,095m	1.172,234m	
72+280,00	3614	236.559,4420	8.283.689,2979	1.171,270m	1.171,420m	
72+300,00	3615	236.578,9973	8.283.685,1039	1.170,457m	1.170,606m	
72+320,00	3616	236.598,5526	8.283.680,9099	1.169,644m	1.169,792m	
72+340,00	3617	236.618,1079	8.283.676,7159	1.168,863m	1.168,979m	
72+360,00	3618	236.637,6632	8.283.672,5219	1.168,052m	1.168,165m	
72+380,00	3619	236.657,2186	8.283.668,3279	1.167,240m	1.167,351m	
72+400,00	3620	236.676,7739	8.283.664,1339	1.166,429m	1.166,537m	
72+420,00	3621	236.696,3292	8.283.659,9399	1.165,613m	1.165,724m	
72+440,00	3622	236.715,8845	8.283.655,7459	1.164,800m	1.164,910m	
72+460,00	3623	236.735,4398	8.283.651,5518	1.163,967m	1.164,096m	
72+480,00	3624	236.754,9951	8.283.647,3578	1.163,163m	1.163,282m	
72+500,00	3625	236.774,5504	8.283.643,1638	1.162,341m	1.162,469m	
72+520,00	3626	236.794,1058	8.283.638,9698	1.161,545m	1.161,655m	
72+540,00	3627	236.813,6611	8.283.634,7758	1.160,717m	1.160,841m	
72+560,00	3628	236.833,2164	8.283.630,5818	1.159,909m	1.160,027m	
72+575,00	3628+15,00	236.847,8829	8.283.627,4363	1.159,302m	1.159,417m	PCV
72+580,00	3629	236.852,7717	8.283.626,3878	1.159,103m	1.159,216m	
72+600,00	3630	236.872,3270	8.283.622,1938	1.158,337m	1.158,449m	
72+620,00	3631	236.891,8823	8.283.617,9998	1.157,611m	1.157,744m	
72+640,00	3632	236.911,4376	8.283.613,8058	1.156,963m	1.157,103m	
72+660,00	3633	236.930,9930	8.283.609,6118	1.156,430m	1.156,523m	
72+675,00	3633+15,00	236.945,6594	8.283.606,4663	1.156,063m	1.156,130m	PIV
72+680,00	3634	236.950,5483	8.283.605,4178	1.155,953m	1.156,007m	
72+700,00	3635	236.970,1036	8.283.601,2237	1.155,553m	1.155,552m	
72+720,00	3636	236.989,6589	8.283.597,0297	1.155,204m	1.155,161m	
72+740,00	3637	237.009,2142	8.283.592,8357	1.154,821m	1.154,831m	
72+760,00	3638	237.028,7695	8.283.588,6417	1.154,538m	1.154,565m	
72+775,00	3638+15,00	237.043,4360	8.283.585,4962	1.154,362m	1.154,406m	PTV
72+780,00	3639	237.048,3248	8.283.584,4477	1.154,302m	1.154,359m	
72+800,00	3640	237.067,8802	8.283.580,2537	1.154,080m	1.154,170m	
72+820,00	3641	237.087,4355	8.283.576,0597	1.153,875m	1.153,981m	
72+840,00	3642	237.106,9908	8.283.571,8657	1.153,667m	1.153,793m	
72+860,00	3643	237.126,5461	8.283.567,6717	1.153,484m	1.153,604m	
72+880,00	3644	237.146,1014	8.283.563,4777	1.153,318m	1.153,416m	
72+900,00	3645	237.165,6567	8.283.559,2837	1.153,134m	1.153,227m	
72+920,00	3646	237.185,2120	8.283.555,0897	1.152,933m	1.153,039m	
72+940,00	3647	237.204,7673	8.283.550,8957	1.152,751m	1.152,850m	
72+960,00	3648	237.224,3227	8.283.546,7016	1.152,547m	1.152,662m	
72+980,00	3649	237.243,8780	8.283.542,5076	1.152,352m	1.152,473m	
73+000,00	3650	237.263,4333	8.283.538,3136	1.152,128m	1.152,284m	
73+020,00	3651	237.282,9886	8.283.534,1196	1.151,917m	1.152,096m	
73+040,00	3652	237.302,5439	8.283.529,9256	1.151,708m	1.151,907m	
73+060,00	3653	237.322,0992	8.283.525,7316	1.151,480m	1.151,693m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
73+080,00	3654	237.341,6545	8.283.521,5376	1.151,235m	1.151,426m	
73+100,00	3655	237.361,2099	8.283.517,3436	1.150,945m	1.151,106m	
73+120,00	3656	237.380,7652	8.283.513,1496	1.150,548m	1.150,735m	
73+140,00	3657	237.400,3205	8.283.508,9556	1.150,136m	1.150,311m	
73+160,00	3658	237.419,8758	8.283.504,7616	1.149,674m	1.149,835m	
73+180,00	3659	237.439,4311	8.283.500,5676	1.149,151m	1.149,306m	
73+200,00	3660	237.458,9864	8.283.496,3736	1.148,575m	1.148,725m	
73+220,00	3661	237.478,5417	8.283.492,1795	1.147,969m	1.148,092m	
73+240,00	3662	237.498,0971	8.283.487,9855	1.147,214m	1.147,390m	
73+260,00	3663	237.517,6524	8.283.483,7915	1.146,366m	1.146,601m	
73+280,00	3664	237.537,2077	8.283.479,5975	1.145,515m	1.145,726m	
73+300,00	3665	237.556,7630	8.283.475,4035	1.144,577m	1.144,764m	
73+320,00	3666	237.576,3183	8.283.471,2095	1.143,569m	1.143,716m	
73+340,00	3667	237.595,8736	8.283.467,0155	1.142,395m	1.142,581m	
73+360,00	3668	237.615,4289	8.283.462,8215	1.141,149m	1.141,360m	
73+377,16	3668+17,16	237.632,2122	8.283.459,2220	1.140,053m	1.140,275m	PC
73+380,00	3669	237.634,9841	8.283.458,6267	1.139,872m	1.140,096m	
73+400,00	3670	237.654,5286	8.283.454,3825	1.138,601m	1.138,832m	
73+420,00	3671	237.674,0559	8.283.450,0602	1.137,344m	1.137,567m	
73+440,00	3672	237.693,5658	8.283.445,6598	1.136,101m	1.136,303m	
73+460,00	3673	237.713,0579	8.283.441,1814	1.134,844m	1.135,039m	
73+480,00	3674	237.732,5320	8.283.436,6250	1.133,561m	1.133,774m	
73+486,56	3674+6,56	237.738,9190	8.283.435,1127	1.133,139m	1.133,359m	PT
73+500,00	3675	237.751,9919	8.283.432,0084	1.132,285m	1.132,510m	
73+520,00	3676	237.771,4507	8.283.427,3875	1.131,028m	1.131,246m	
73+540,00	3677	237.790,9096	8.283.422,7667	1.129,745m	1.129,981m	
73+560,00	3678	237.810,3685	8.283.418,1459	1.128,503m	1.128,717m	
73+580,00	3679	237.829,8274	8.283.413,5250	1.127,223m	1.127,453m	
73+600,00	3680	237.849,2862	8.283.408,9042	1.125,943m	1.126,188m	
73+620,00	3681	237.868,7451	8.283.404,2834	1.124,706m	1.124,924m	
73+640,00	3682	237.888,2040	8.283.399,6625	1.123,608m	1.123,740m	
73+660,00	3683	237.907,6629	8.283.395,0417	1.122,646m	1.122,716m	
73+680,00	3684	237.927,1217	8.283.390,4208	1.121,809m	1.121,853m	
73+700,00	3685	237.946,5806	8.283.385,8000	1.121,121m	1.121,150m	
73+710,00	3685+10,00	237.956,3101	8.283.383,4896	1.120,817m	1.120,859m	PIV
73+720,00	3686	237.966,0395	8.283.381,1792	1.120,550m	1.120,596m	
73+740,00	3687	237.985,4984	8.283.376,5583	1.120,019m	1.120,120m	
73+760,00	3688	238.004,9572	8.283.371,9375	1.119,627m	1.119,710m	
73+780,00	3689	238.024,4161	8.283.367,3167	1.119,320m	1.119,366m	
73+800,00	3690	238.043,8750	8.283.362,6958	1.119,058m	1.119,089m	
73+820,00	3691	238.063,3339	8.283.358,0750	1.118,852m	1.118,878m	
73+840,00	3692	238.082,7928	8.283.353,4542	1.118,714m	1.118,733m	
73+850,00	3692+10,00	238.092,5222	8.283.351,1437	1.118,658m	1.118,686m	PTV
73+860,00	3693	238.102,2516	8.283.348,8333	1.118,598m	1.118,647m	
73+880,00	3694	238.121,7105	8.283.344,2125	1.118,498m	1.118,568m	
73+900,00	3695	238.141,1694	8.283.339,5917	1.118,417m	1.118,490m	
73+920,00	3696	238.160,6283	8.283.334,9708	1.118,291m	1.118,412m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
73+940,00	3697	238.180,0871	8.283.330,3500	1.118,292m	1.118,333m	
73+950,00	3697+10,00	238.189,8166	8.283.328,0396	1.118,263m	1.118,294m	PCV
73+960,00	3698	238.199,5460	8.283.325,7292	1.118,241m	1.118,257m	
73+980,00	3699	238.219,0049	8.283.321,1083	1.118,165m	1.118,199m	
74+000,00	3700	238.238,4638	8.283.316,4875	1.118,132m	1.118,162m	
74+020,00	3701	238.257,9226	8.283.311,8666	1.118,143m	1.118,145m	
74+026,68	3701+6,68	238.264,4263	8.283.310,3222	1.118,152m	1.118,144m	
74+040,00	3702	238.277,3815	8.283.307,2458	1.118,162m	1.118,148m	
74+050,00	3702+10,00	238.287,1110	8.283.304,9354	1.118,179m	1.118,158m	PIV
74+060,00	3703	238.296,8404	8.283.302,6250	1.118,190m	1.118,172m	
74+080,00	3704	238.316,2993	8.283.298,0041	1.118,238m	1.118,216m	
74+100,00	3705	238.335,7582	8.283.293,3833	1.118,284m	1.118,281m	
74+120,00	3706	238.355,2170	8.283.288,7625	1.118,360m	1.118,366m	
74+140,00	3707	238.374,6759	8.283.284,1416	1.118,460m	1.118,472m	
74+150,00	3707+10,00	238.384,4053	8.283.281,8312	1.118,514m	1.118,532m	PTV
74+160,00	3708	238.394,1348	8.283.279,5208	1.118,568m	1.118,595m	
74+180,00	3709	238.413,5937	8.283.274,9000	1.118,711m	1.118,721m	
74+200,00	3710	238.433,0525	8.283.270,2791	1.118,841m	1.118,848m	
74+220,00	3711	238.452,5114	8.283.265,6583	1.118,990m	1.118,974m	
74+240,00	3712	238.471,9703	8.283.261,0375	1.119,135m	1.119,100m	
74+255,00	3712+15,00	238.486,5644	8.283.257,5718	1.119,241m	1.119,194m	PCV
74+260,00	3713	238.491,4292	8.283.256,4166	1.119,266m	1.119,224m	
74+280,00	3714	238.510,8880	8.283.251,7958	1.119,331m	1.119,318m	
74+300,00	3715	238.530,3469	8.283.247,1750	1.119,377m	1.119,369m	
74+313,84	3715+13,84	238.543,8101	8.283.243,9779	1.119,379m	1.119,380m	PB
74+320,00	3716	238.549,8058	8.283.242,5541	1.119,375m	1.119,378m	
74+340,00	3717	238.569,2647	8.283.237,9333	1.119,317m	1.119,343m	
74+360,00	3718	238.588,7235	8.283.233,3124	1.119,228m	1.119,266m	
74+380,00	3719	238.608,1824	8.283.228,6916	1.119,110m	1.119,145m	
74+385,00	3719+5,00	238.613,0471	8.283.227,5364	1.119,083m	1.119,108m	PTV
74+400,00	3720	238.627,6413	8.283.224,0708	1.118,980m	1.118,994m	
74+420,00	3721	238.647,1002	8.283.219,4499	1.118,824m	1.118,842m	
74+440,00	3722	238.666,5591	8.283.214,8291	1.118,663m	1.118,689m	
74+460,00	3723	238.686,0179	8.283.210,2083	1.118,483m	1.118,537m	
74+480,00	3724	238.705,4768	8.283.205,5874	1.118,317m	1.118,384m	
74+500,00	3725	238.724,9357	8.283.200,9666	1.118,143m	1.118,232m	
74+520,00	3726	238.744,3946	8.283.196,3458	1.117,979m	1.118,079m	
74+540,00	3727	238.763,8534	8.283.191,7249	1.117,806m	1.117,927m	
74+560,00	3728	238.783,3123	8.283.187,1041	1.117,691m	1.117,774m	
74+580,00	3729	238.802,7712	8.283.182,4833	1.117,536m	1.117,622m	
74+600,00	3730	238.822,2301	8.283.177,8624	1.117,377m	1.117,469m	
74+620,00	3731	238.841,6889	8.283.173,2416	1.117,226m	1.117,317m	
74+630,00	3731+10,00	238.851,4184	8.283.170,9312	1.117,150m	1.117,241m	PCV
74+640,00	3732	238.861,1478	8.283.168,6208	1.117,081m	1.117,165m	
74+660,00	3733	238.880,6067	8.283.163,9999	1.116,914m	1.117,016m	
74+680,00	3734	238.900,0656	8.283.159,3791	1.116,750m	1.116,870m	
74+700,00	3735	238.919,5245	8.283.154,7583	1.116,607m	1.116,727m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
74+720,00	3736	238.938,9833	8.283.150,1374	1.116,483m	1.116,588m	
74+740,00	3737	238.958,4422	8.283.145,5166	1.116,365m	1.116,452m	
74+760,00	3738	238.977,9011	8.283.140,8957	1.116,240m	1.116,319m	
74+780,00	3739	238.997,3600	8.283.136,2749	1.116,124m	1.116,189m	
74+800,00	3740	239.016,8188	8.283.131,6541	1.116,019m	1.116,063m	
74+820,00	3741	239.036,2777	8.283.127,0332	1.115,909m	1.115,940m	
74+840,00	3742	239.055,7366	8.283.122,4124	1.115,802m	1.115,820m	
74+850,00	3742+10,00	239.065,4660	8.283.120,1020	1.115,752m	1.115,762m	PIV
74+860,00	3743	239.075,1955	8.283.117,7916	1.115,703m	1.115,704m	
74+880,00	3744	239.094,6543	8.283.113,1707	1.115,592m	1.115,591m	
74+900,00	3745	239.114,1132	8.283.108,5499	1.115,481m	1.115,481m	
74+920,00	3746	239.133,5721	8.283.103,9291	1.115,380m	1.115,375m	
74+940,00	3747	239.153,0310	8.283.099,3082	1.115,295m	1.115,271m	
74+960,00	3748	239.172,4898	8.283.094,6874	1.115,189m	1.115,171m	
74+980,00	3749	239.191,9487	8.283.090,0666	1.115,072m	1.115,075m	
75+000,00	3750	239.211,4076	8.283.085,4457	1.114,980m	1.114,981m	
75+020,00	3751	239.230,8665	8.283.080,8249	1.114,874m	1.114,891m	
75+040,00	3752	239.250,3254	8.283.076,2041	1.114,775m	1.114,804m	
75+060,00	3753	239.269,7842	8.283.071,5832	1.114,674m	1.114,721m	
75+060,30	3753+0,30	239.270,0783	8.283.071,5134	1.114,673m	1.114,719m	TE
75+070,00	3753+10,00	239.279,5133	8.283.069,2714	1.114,635m	1.114,680m	PTV
75+080,00	3754	239.289,2402	8.283.066,9503	1.114,586m	1.114,640m	
75+100,00	3755	239.308,6782	8.283.062,2425	1.114,491m	1.114,560m	
75+120,00	3756	239.328,0791	8.283.057,3842	1.114,407m	1.114,479m	
75+140,00	3757	239.347,4219	8.283.052,3001	1.114,340m	1.114,399m	
75+160,00	3758	239.366,6832	8.283.046,9155	1.114,266m	1.114,319m	
75+180,00	3759	239.385,8358	8.283.041,1569	1.114,162m	1.114,238m	
75+200,00	3760	239.404,8485	8.283.034,9522	1.114,048m	1.114,158m	
75+220,00	3761	239.423,6846	8.283.028,2312	1.113,967m	1.114,078m	
75+220,30	3761+0,30	239.423,9677	8.283.028,1254	1.113,965m	1.114,077m	EC
75+240,00	3762	239.442,3064	8.283.020,9377	1.113,914m	1.113,997m	
75+250,00	3762+10,00	239.451,5296	8.283.017,0736	1.113,902m	1.113,957m	PCV
75+260,00	3763	239.460,6913	8.283.013,0659	1.113,892m	1.113,921m	
75+280,00	3764	239.478,8212	8.283.004,6235	1.113,848m	1.113,870m	
75+300,00	3765	239.496,6784	8.282.995,6188	1.113,822m	1.113,848m	
75+304,97	3765+4,97	239.501,0751	8.282.993,2930	1.113,811m	1.113,847m	
75+320,00	3766	239.514,2456	8.282.986,0605	1.113,823m	1.113,855m	
75+340,00	3767	239.531,5056	8.282.975,9580	1.113,863m	1.113,892m	
75+350,00	3767+10,00	239.540,0151	8.282.970,7057	1.113,884m	1.113,921m	PIV
75+360,00	3768	239.548,4415	8.282.965,3211	1.113,923m	1.113,957m	
75+380,00	3769	239.565,0368	8.282.954,1603	1.114,038m	1.114,052m	
75+384,74	3769+4,74	239.568,9182	8.282.951,4395	1.114,077m	1.114,079m	CE
75+400,00	3770	239.581,2787	8.282.942,4911	1.114,183m	1.114,177m	
75+420,00	3771	239.597,1845	8.282.930,3674	1.114,326m	1.114,330m	
75+440,00	3772	239.612,7903	8.282.917,8598	1.114,570m	1.114,513m	
75+450,00	3772+10,00	239.620,4934	8.282.911,4832	1.114,679m	1.114,615m	PTV
75+460,00	3773	239.628,1372	8.282.905,0355	1.114,815m	1.114,721m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
75+480,00	3774	239.643,2698	8.282.891,9589	1.115,018m	1.114,933m	
75+500,00	3775	239.658,2358	8.282.878,6919	1.115,225m	1.115,145m	
75+520,00	3776	239.673,0855	8.282.865,2947	1.115,398m	1.115,356m	
75+530,00	3776+10,00	239.680,4827	8.282.858,5655	1.115,464m	1.115,462m	PCV
75+540,00	3777	239.687,8702	8.282.851,8258	1.115,599m	1.115,570m	
75+544,74	3777+4,74	239.691,3705	8.282.848,6295	1.115,676m	1.115,621m	ET
75+560,00	3778	239.702,6386	8.282.838,3389	1.115,883m	1.115,792m	PIV
75+560,00	3778	239.702,6386	8.282.838,3389	1.115,883m	1.115,792m	
75+580,00	3779	239.717,4069	8.282.824,8520	1.116,114m	1.116,024m	
75+590,00	3779+10,00	239.724,7910	8.282.818,1085	1.116,234m	1.116,144m	PTV
75+600,00	3780	239.732,1751	8.282.811,3650	1.116,360m	1.116,265m	
75+620,00	3781	239.746,9434	8.282.797,8780	1.116,586m	1.116,508m	
75+640,00	3782	239.761,7116	8.282.784,3910	1.116,799m	1.116,750m	
75+660,00	3783	239.776,4799	8.282.770,9041	1.117,026m	1.116,993m	
75+680,00	3784	239.791,2482	8.282.757,4171	1.117,264m	1.117,236m	
75+690,00	3784+10,00	239.798,6323	8.282.750,6736	1.117,377m	1.117,357m	PCV
75+700,00	3785	239.806,0164	8.282.743,9301	1.117,488m	1.117,475m	
75+720,00	3786	239.820,7847	8.282.730,4431	1.117,668m	1.117,688m	
75+740,00	3787	239.835,5529	8.282.716,9562	1.117,858m	1.117,871m	
75+760,00	3788	239.850,3212	8.282.703,4692	1.118,008m	1.118,025m	
75+780,00	3789	239.865,0895	8.282.689,9822	1.118,152m	1.118,150m	
75+800,00	3790	239.879,8577	8.282.676,4952	1.118,237m	1.118,245m	
75+820,00	3791	239.894,6260	8.282.663,0083	1.118,304m	1.118,310m	
75+840,00	3792	239.909,3942	8.282.649,5213	1.118,345m	1.118,346m	
75+850,00	3792+10,00	239.916,7784	8.282.642,7778	1.118,341m	1.118,353m	PIV
75+854,42	3792+14,42	239.920,0389	8.282.639,8002	1.118,338m	1.118,354m	PB
75+860,00	3793	239.924,1625	8.282.636,0343	1.118,334m	1.118,353m	
75+880,00	3794	239.938,9308	8.282.622,5473	1.118,293m	1.118,330m	
75+900,00	3795	239.953,6990	8.282.609,0604	1.118,244m	1.118,277m	
75+920,00	3796	239.968,4673	8.282.595,5734	1.118,158m	1.118,195m	
75+940,00	3797	239.983,2355	8.282.582,0864	1.118,032m	1.118,084m	
75+960,00	3798	239.998,0038	8.282.568,5994	1.117,893m	1.117,943m	
75+980,00	3799	240.012,7721	8.282.555,1125	1.117,729m	1.117,772m	
76+000,00	3800	240.027,5403	8.282.541,6255	1.117,531m	1.117,572m	
76+010,00	3800+10,00	240.034,9244	8.282.534,8820	1.117,425m	1.117,461m	PTV
76+020,00	3801	240.042,3086	8.282.528,1385	1.117,319m	1.117,346m	
76+040,00	3802	240.057,0768	8.282.514,6515	1.117,093m	1.117,117m	
76+060,00	3803	240.071,8451	8.282.501,1646	1.116,895m	1.116,887m	
76+080,00	3804	240.086,6134	8.282.487,6776	1.116,658m	1.116,658m	
76+100,00	3805	240.101,3816	8.282.474,1906	1.116,417m	1.116,428m	
76+120,00	3806	240.116,1499	8.282.460,7036	1.116,198m	1.116,199m	
76+140,00	3807	240.130,9181	8.282.447,2167	1.115,959m	1.115,969m	
76+160,00	3808	240.145,6864	8.282.433,7297	1.115,709m	1.115,739m	
76+180,00	3809	240.160,4547	8.282.420,2427	1.115,485m	1.115,510m	
76+200,00	3810	240.175,2229	8.282.406,7557	1.115,262m	1.115,280m	
76+220,00	3811	240.189,9912	8.282.393,2688	1.115,040m	1.115,051m	
76+240,00	3812	240.204,7594	8.282.379,7818	1.114,825m	1.114,821m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
76+260,00	3813	240.219,5277	8.282.366,2948	1.114,592m	1.114,592m	
76+280,00	3814	240.234,2960	8.282.352,8078	1.114,370m	1.114,362m	
76+300,00	3815	240.249,0642	8.282.339,3209	1.114,148m	1.114,133m	
76+320,00	3816	240.263,8325	8.282.325,8339	1.113,946m	1.113,903m	
76+340,00	3817	240.278,6007	8.282.312,3469	1.113,706m	1.113,673m	
76+360,00	3818	240.293,3690	8.282.298,8599	1.113,463m	1.113,444m	
76+380,00	3819	240.308,1373	8.282.285,3730	1.113,248m	1.113,214m	
76+400,00	3820	240.322,9055	8.282.271,8860	1.113,030m	1.112,985m	
76+420,00	3821	240.337,6738	8.282.258,3990	1.112,802m	1.112,755m	
76+425,00	3821+5,00	240.341,3658	8.282.255,0273	1.112,742m	1.112,698m	PCV
76+440,00	3822	240.352,4420	8.282.244,9120	1.112,567m	1.112,530m	
76+460,00	3823	240.367,2103	8.282.231,4251	1.112,343m	1.112,321m	
76+475,21	3823+15,21	240.378,4406	8.282.221,1691	1.112,167m	1.112,173m	TE
76+480,00	3824	240.381,9787	8.282.217,9382	1.112,115m	1.112,128m	
76+485,00	3824+5,00	240.385,6718	8.282.214,5676	1.112,058m	1.112,082m	PIV
76+500,00	3825	240.396,7653	8.282.204,4714	1.111,918m	1.111,957m	
76+520,00	3826	240.411,6240	8.282.191,0842	1.111,783m	1.111,822m	
76+525,00	3826+5,00	240.415,3566	8.282.187,7574	1.111,766m	1.111,793m	PTV
76+540,00	3827	240.426,6117	8.282.177,8417	1.111,640m	1.111,713m	
76+560,00	3828	240.441,7836	8.282.164,8107	1.111,479m	1.111,605m	
76+580,00	3829	240.457,1919	8.282.152,0605	1.111,357m	1.111,497m	
76+600,00	3830	240.472,8853	8.282.139,6630	1.111,239m	1.111,389m	
76+615,21	3830+15,21	240.485,0372	8.282.130,5183	1.111,166m	1.111,307m	EC
76+620,00	3831	240.488,9076	8.282.127,6940	1.111,147m	1.111,282m	
76+640,00	3832	240.505,2814	8.282.116,2107	1.111,062m	1.111,174m	
76+660,00	3833	240.521,9957	8.282.105,2287	1.110,977m	1.111,066m	
76+680,00	3834	240.539,0350	8.282.094,7583	1.110,895m	1.110,958m	
76+700,00	3835	240.556,3838	8.282.084,8089	1.110,811m	1.110,850m	
76+720,00	3836	240.574,0260	8.282.075,3897	1.110,735m	1.110,743m	
76+740,00	3837	240.591,9455	8.282.066,5094	1.110,648m	1.110,635m	
76+760,00	3838	240.610,1259	8.282.058,1760	1.110,563m	1.110,527m	
76+771,86	3838+11,86	240.621,0266	8.282.053,4945	1.110,517m	1.110,463m	CE
76+780,00	3839	240.628,5500	8.282.050,3965	1.110,475m	1.110,419m	
76+800,00	3840	240.647,1877	8.282.043,1430	1.110,389m	1.110,311m	
76+820,00	3841	240.665,9957	8.282.036,3428	1.110,212m	1.110,204m	
76+840,00	3842	240.684,9354	8.282.029,9179	1.110,135m	1.110,096m	
76+860,00	3843	240.703,9727	8.282.023,7883	1.110,015m	1.109,988m	
76+880,00	3844	240.723,0778	8.282.017,8728	1.109,825m	1.109,880m	
76+900,00	3845	240.742,2233	8.282.012,0891	1.109,740m	1.109,773m	
76+911,86	3845+11,86	240.753,5886	8.282.008,6869	1.109,681m	1.109,709m	ET
76+920,00	3846	240.761,3838	8.282.006,3556	1.109,644m	1.109,665m	
76+940,00	3847	240.780,5452	8.282.000,6250	1.109,543m	1.109,557m	
76+960,00	3848	240.799,7067	8.281.994,8943	1.109,446m	1.109,449m	
76+980,00	3849	240.818,8681	8.281.989,1637	1.109,337m	1.109,341m	
77+000,00	3850	240.838,0295	8.281.983,4330	1.109,218m	1.109,228m	
77+020,00	3851	240.857,1909	8.281.977,7024	1.109,095m	1.109,104m	
77+040,00	3852	240.876,3523	8.281.971,9718	1.108,957m	1.108,968m	

DF-205 - Eixo Principal						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
77+060,00	3853	240.895,5137	8.281.966,2411	1.108,779m	1.108,822m	
77+080,00	3854	240.914,6751	8.281.960,5105	1.108,624m	1.108,665m	
77+100,00	3855	240.933,8365	8.281.954,7798	1.108,463m	1.108,496m	
77+120,00	3856	240.952,9980	8.281.949,0492	1.108,292m	1.108,317m	
77+130,00	3856+10,00	240.962,5787	8.281.946,1839	1.108,196m	1.108,223m	PIV
77+140,00	3857	240.972,1594	8.281.943,3186	1.108,093m	1.108,126m	
77+160,00	3858	240.991,3208	8.281.937,5879	1.107,895m	1.107,924m	
77+180,00	3859	241.010,4822	8.281.931,8573	1.107,655m	1.107,712m	
77+200,00	3860	241.029,6436	8.281.926,1266	1.107,402m	1.107,488m	
77+220,00	3861	241.048,8050	8.281.920,3960	1.107,153m	1.107,253m	
77+240,00	3862	241.067,9664	8.281.914,6653	1.106,918m	1.107,008m	
77+260,00	3863	241.087,1279	8.281.908,9347	1.106,676m	1.106,751m	
77+280,00	3864	241.106,2893	8.281.903,2041	1.106,424m	1.106,483m	
77+300,00	3865	241.125,4507	8.281.897,4734	1.106,166m	1.106,210m	
77+320,00	3866	241.144,6121	8.281.891,7428	1.105,904m	1.105,936m	
77+340,00	3867	241.163,7735	8.281.886,0121	1.105,643m	1.105,663m	
77+360,00	3868	241.182,9349	8.281.880,2815	1.105,394m	1.105,390m	
77+380,00	3869	241.202,0963	8.281.874,5509	1.105,120m	1.105,116m	
77+400,00	3870	241.221,2577	8.281.868,8202	1.104,815m	1.104,843m	
77+420,00	3871	241.240,4192	8.281.863,0896	1.104,543m	1.104,570m	
77+440,00	3872	241.259,5806	8.281.857,3589	1.104,355m	1.104,296m	
77+460,00	3873	241.278,7420	8.281.851,6283	1.104,110m	1.104,023m	
77+480,00	3874	241.297,9034	8.281.845,8977	1.103,783m	1.103,749m	
77+497,12	3874+17,12	241.314,3067	8.281.840,9919	0,000	0,000	FINAL

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0+0,00	181.192,9056	8.284.242,6554	781,790m	779,148m	INÍCIO
0+020,00	1	181.206,6608	8.284.228,1365	780,536m	777,536m	
0+029,35	1+9,35	181.213,0913	8.284.221,3490	779,836m	776,782m	PCV
0+040,00	2	181.220,4159	8.284.213,6177	779,038m	775,918m	
0+049,35	2+9,35	181.226,8464	8.284.206,8302	777,549m	775,148m	PIV
0+052,56	2+12,56	181.229,0573	8.284.204,4965	776,793m	774,881m	TE
0+060,00	3	181.234,1685	8.284.199,0965	775,048m	774,260m	
0+069,35	3+9,35	181.240,5721	8.284.192,2836	773,581m	773,469m	PTV
0+080,00	4	181.247,7972	8.284.184,4593	772,751m	772,563m	
0+092,56	4+12,56	181.256,1655	8.284.175,0872	771,912m	771,494m	EC
0+097,50	4+17,50	181.259,3909	8.284.171,3517	771,537m	771,074m	PCV
0+100,00	5	181.261,0103	8.284.169,4471	771,362m	770,864m	
0+120,00	6	181.273,6090	8.284.153,9159	769,777m	769,361m	
0+140,00	7	181.285,5594	8.284.137,8806	767,161m	768,175m	
0+155,00	7+15,00	181.294,0846	8.284.125,5395	766,444m	767,494m	PIV
0+160,00	8	181.296,8414	8.284.121,3682	766,215m	767,307m	
0+180,00	9	181.307,4359	8.284.104,4064	765,238m	766,756m	
0+180,35	9+0,35	181.307,6158	8.284.104,1045	765,224m	766,749m	CE
0+200,00	10	181.317,3818	8.284.087,0557	764,020m	766,523m	
0+204,71	10+4,71	181.319,6586	8.284.082,9308	763,727m	766,514m	
0+212,50	10+12,50	181.323,3903	8.284.076,0946	762,672m	766,538m	PTV
0+220,00	11	181.326,9633	8.284.069,5004	762,485m	766,584m	
0+220,35	11+0,35	181.327,1306	8.284.069,1913	762,502m	766,587m	ET
0+240,00	12	181.336,4815	8.284.051,9105	758,189m	766,708m	
0+258,25	12+18,25	181.345,1668	8.284.035,8597	765,949m	766,821m	PCV
0+260,00	13	181.345,9997	8.284.034,3206	766,037m	766,833m	
0+280,00	14	181.355,5179	8.284.016,7307	767,411m	767,104m	
0+288,25	14+8,25	181.359,4441	8.284.009,4749	768,897m	767,289m	PIV
0+300,00	15	181.365,0361	8.283.999,1409	771,808m	767,627m	
0+302,00	15+2,00	181.365,9881	8.283.997,3816	771,950m	767,693m	PC
0+313,76	15+13,76	181.371,0685	8.283.986,7835	770,675m	768,133m	PT
0+313,78	15+13,78	181.371,0780	8.283.986,7609	770,676m	768,134m	PC
0+318,25	15+18,25	181.372,9134	8.283.982,6883	770,961m	768,324m	PTV
0+320,00	16	181.373,6883	8.283.981,1192	771,082m	768,401m	
0+322,40	16+2,40	181.374,8036	8.283.978,9890	771,252m	768,506m	PT
0+340,00	17	181.383,1774	8.283.963,5140	772,216m	769,279m	
0+360,00	18	181.392,6956	8.283.945,9241	773,652m	770,157m	
0+380,00	19	181.402,2138	8.283.928,3342	774,354m	771,036m	
0+400,00	20	181.411,7320	8.283.910,7443	774,883m	771,914m	
0+420,00	21	181.421,2502	8.283.893,1544	774,641m	772,792m	
0+440,00	22	181.430,7684	8.283.875,5646	774,214m	773,671m	
0+460,00	23	181.440,2866	8.283.857,9747	774,490m	774,549m	
0+474,53	23+14,53	181.447,2002	8.283.845,1982	774,647m	775,187m	TE
0+480,00	24	181.449,8047	8.283.840,3847	774,542m	775,427m	
0+500,00	25	181.459,3050	8.283.822,7852	775,523m	776,305m	
0+520,00	26	181.468,7386	8.283.805,1498	776,168m	777,184m	
0+540,00	27	181.478,0527	8.283.787,4511	775,552m	778,062m	
0+548,39	27+8,39	181.481,9102	8.283.780,0040	776,364m	778,430m	PCV

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+558,39	27+18,39	181.486,4644	8.283.771,1012	778,162m	778,867m	PIV

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+560,00	28	181.487,1940	8.283.769,6625	778,451m	778,938m	
0+568,39	28+8,39	181.490,9630	8.283.762,1703	779,492m	779,300m	PTV
0+580,00	29	181.496,1084	8.283.751,7593	779,860m	779,800m	
0+600,00	30	181.504,7408	8.283.733,7184	780,739m	780,661m	
0+620,00	31	181.513,0350	8.283.715,5197	781,303m	781,522m	
0+640,00	32	181.520,9335	8.283.697,1460	781,572m	782,382m	
0+644,53	32+4,53	181.522,6605	8.283.692,9612	781,951m	782,577m	EC
0+660,00	33	181.528,3817	8.283.678,5852	782,498m	783,243m	
0+680,00	34	181.535,3584	8.283.659,8420	783,252m	784,104m	
0+682,50	34+2,50	181.536,1971	8.283.657,4869	783,444m	784,212m	PCV
0+700,00	35	181.541,8590	8.283.640,9285	784,263m	784,922m	
0+720,00	36	181.547,8793	8.283.621,8567	785,145m	785,627m	
0+740,00	37	181.553,4156	8.283.602,6388	786,383m	786,218m	
0+760,00	38	181.558,4642	8.283.583,2870	787,595m	786,697m	
0+780,00	39	181.563,0219	8.283.563,8138	789,073m	787,062m	
0+800,00	40	181.567,0859	8.283.544,2316	790,438m	787,314m	
0+810,00	40+10,00	181.568,9319	8.283.534,4036	791,133m	787,397m	PIV
0+820,00	41	181.570,6535	8.283.524,5529	791,712m	787,452m	
0+834,45	41+14,45	181.572,9214	8.283.510,2795	792,574m	787,482m	PB
0+840,00	42	181.573,7225	8.283.504,7903	792,941m	787,478m	
0+860,00	43	181.576,2908	8.283.484,9565	793,608m	787,390m	
0+880,00	44	181.578,3569	8.283.465,0640	793,263m	787,188m	
0+895,71	44+15,71	181.579,6267	8.283.449,4056	792,165m	786,950m	CE
0+900,00	45	181.579,9195	8.283.445,1257	791,821m	786,873m	
0+920,00	46	181.580,9951	8.283.425,1551	789,551m	786,445m	
0+937,50	46+17,50	181.581,5790	8.283.407,6651	787,670m	785,978m	PTV
0+940,00	47	181.581,6377	8.283.405,1657	787,400m	785,905m	
0+951,50	47+11,50	181.581,8340	8.283.393,6675	786,153m	785,569m	PCV
0+960,00	48	181.581,9064	8.283.385,1678	785,228m	785,329m	
0+980,00	49	181.581,8607	8.283.365,1680	783,440m	784,823m	
1+000,00	50	181.581,5600	8.283.345,1704	782,807m	784,401m	
1+020,00	51	181.581,0640	8.283.325,1766	782,146m	784,063m	
1+031,50	51+11,50	181.580,7134	8.283.313,6819	782,120m	783,907m	PIV
1+040,00	52	181.580,4320	8.283.305,1866	782,112m	783,810m	
1+060,00	53	181.579,7235	8.283.285,1992	781,935m	783,640m	
1+065,71	53+5,71	181.579,5156	8.283.279,4928	781,853m	783,607m	ET
1+080,00	54	181.578,9945	8.283.265,2124	781,475m	783,554m	
1+090,32	54+10,32	181.578,6181	8.283.254,8966	780,219m	783,543m	
1+100,00	55	181.578,2653	8.283.245,2257	781,215m	783,553m	
1+111,50	55+11,50	181.577,8459	8.283.233,7334	781,221m	783,590m	PTV
1+120,00	56	181.577,5360	8.283.225,2390	781,151m	783,628m	
1+140,00	57	181.576,8068	8.283.205,2523	780,729m	783,717m	
1+145,39	57+5,39	181.576,6101	8.283.199,8628	780,244m	783,741m	
1+159,50	57+19,50	181.576,0488	8.283.185,7671	783,762m	783,804m	PCV
1+160,00	58	181.576,0289	8.283.185,2675	783,737m	783,807m	
1+169,50	58+9,50	181.575,6508	8.283.175,7750	783,497m	783,889m	PIV
1+179,50	58+19,50	181.575,2529	8.283.165,7829	783,622m	784,054m	PTV
1+180,00	59	181.575,2330	8.283.165,2833	783,655m	784,065m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
1+189,14	59+9,14	181.574,8692	8.283.156,1484	784,247m	784,252m	TE
1+200,00	60	181.574,4524	8.283.145,2986	784,943m	784,476m	
1+220,00	61	181.573,9909	8.283.125,3047	785,630m	784,887m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
1+226,52	61+6,52	181.574,0033	8.283.118,7845	785,451m	785,021m	PCV
1+229,14	61+9,14	181.574,0391	8.283.116,1628	785,421m	785,072m	EC
1+236,52	61+16,52	181.574,2448	8.283.108,7878	785,445m	785,186m	PIV
1+240,00	62	181.574,3957	8.283.105,3113	785,273m	785,224m	
1+246,52	62+6,52	181.574,7716	8.283.098,8020	784,967m	785,270m	PTV
1+260,00	63	181.575,9326	8.283.085,3732	784,385m	785,329m	
1+280,00	64	181.578,6058	8.283.065,5554	783,840m	785,416m	
1+287,25	64+7,25	181.579,8538	8.283.058,4137	783,817m	785,448m	PCV
1+291,45	64+11,45	181.580,6441	8.283.054,2899	783,790m	785,457m	PB
1+294,75	64+14,75	181.581,3002	8.283.051,0547	783,773m	785,451m	PIV
1+300,00	65	181.582,4063	8.283.045,9226	783,750m	785,419m	
1+302,25	65+2,25	181.582,9040	8.283.043,7283	783,742m	785,396m	PTV
1+302,55	65+2,55	181.582,9715	8.283.043,4355	783,742m	785,393m	CE
1+320,00	66	181.587,2609	8.283.026,5225	783,688m	785,197m	
1+340,00	67	181.592,7380	8.283.007,2874	784,043m	784,972m	
1+342,55	67+2,55	181.593,4530	8.283.004,8392	784,103m	784,943m	ET
1+352,50	67+12,50	181.596,2429	8.282.995,2888	784,355m	784,831m	PCV
1+360,00	68	181.598,3460	8.282.988,0897	784,526m	784,769m	
1+362,50	68+2,50	181.599,0470	8.282.985,6900	784,555m	784,757m	PIV
1+367,23	68+7,23	181.600,3722	8.282.981,1536	784,609m	784,749m	
1+372,50	68+12,50	181.601,8511	8.282.976,0912	784,669m	784,759m	PTV
1+373,66	68+13,66	181.602,1754	8.282.974,9812	784,683m	784,764m	TE
1+380,00	69	181.603,9507	8.282.968,8911	784,754m	784,790m	
1+383,66	69+3,66	181.604,9660	8.282.965,3785	784,789m	784,804m	EC
1+394,50	69+14,50	181.607,9153	8.282.954,9437	784,700m	784,848m	PCV
1+400,00	70	181.609,3749	8.282.949,6410	784,550m	784,875m	
1+420,00	71	181.614,4755	8.282.930,3025	784,320m	785,063m	
1+440,00	72	181.619,2503	8.282.910,8811	784,963m	785,390m	
1+460,00	73	181.623,6981	8.282.891,3822	785,717m	785,856m	
1+474,50	73+14,50	181.626,7175	8.282.877,2001	786,501m	786,280m	PIV
1+480,00	74	181.627,8176	8.282.871,8113	786,772m	786,460m	
1+500,00	75	181.631,6076	8.282.852,1739	787,338m	787,203m	
1+520,00	76	181.635,0670	8.282.832,4756	787,706m	788,085m	
1+540,00	77	181.638,1948	8.282.812,7219	787,329m	789,106m	
1+554,50	77+14,50	181.640,2547	8.282.798,3691	787,179m	789,933m	PTV
1+560,00	78	181.640,9903	8.282.792,9185	787,528m	790,260m	
1+580,00	79	181.643,4525	8.282.773,0709	790,228m	791,451m	
1+600,00	80	181.645,5809	8.282.753,1847	792,268m	792,642m	
1+620,00	81	181.647,3747	8.282.733,2655	792,742m	793,832m	
1+640,00	82	181.648,8335	8.282.713,3191	793,741m	795,023m	
1+660,00	83	181.649,9569	8.282.693,3509	794,952m	796,214m	
1+680,00	84	181.650,7446	8.282.673,3666	795,510m	797,404m	
1+700,00	85	181.651,1962	8.282.653,3719	797,614m	798,595m	
1+720,00	86	181.651,3118	8.282.633,3725	798,247m	799,786m	
1+740,00	87	181.651,0913	8.282.613,3740	799,585m	800,976m	
1+760,00	88	181.650,5347	8.282.593,3820	801,484m	802,167m	
1+765,00	88+5,00	181.650,3431	8.282.588,3868	801,912m	802,465m	CE
1+775,00	88+15,00	181.649,9109	8.282.578,3962	802,767m	803,060m	ET

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
1+780,00	89	181.649,6877	8.282.573,4000	803,220m	803,358m	
1+800,00	90	181.648,7952	8.282.553,4199	805,105m	804,548m	
1+820,00	91	181.647,9027	8.282.533,4398	806,825m	805,739m	
1+840,00	92	181.647,0102	8.282.513,4597	808,069m	806,930m	
1+860,00	93	181.646,1177	8.282.493,4797	808,966m	808,121m	
1+880,00	94	181.645,2252	8.282.473,4996	809,515m	809,311m	
1+900,00	95	181.644,3327	8.282.453,5195	808,982m	810,502m	
1+920,00	96	181.643,4402	8.282.433,5394	809,665m	811,693m	
1+940,00	97	181.642,5477	8.282.413,5594	810,935m	812,883m	
1+960,00	98	181.641,6552	8.282.393,5793	812,205m	814,074m	
1+980,00	99	181.640,7627	8.282.373,5992	813,907m	815,265m	
2+000,00	100	181.639,8702	8.282.353,6191	815,789m	816,455m	
2+020,00	101	181.638,9777	8.282.333,6390	817,382m	817,646m	
2+040,00	102	181.638,0853	8.282.313,6590	818,762m	818,837m	
2+060,00	103	181.637,1928	8.282.293,6789	820,049m	820,027m	
2+080,00	104	181.636,3003	8.282.273,6988	821,337m	821,218m	
2+100,00	105	181.635,4078	8.282.253,7187	823,807m	822,409m	
2+101,00	105+1,00	181.635,3631	8.282.252,7197	823,934m	822,468m	PCV
2+111,00	105+11,00	181.634,9169	8.282.242,7297	825,205m	823,085m	PIV
2+120,00	106	181.634,5153	8.282.233,7387	826,348m	823,675m	
2+121,00	106+1,00	181.634,4707	8.282.232,7397	826,475m	823,743m	PTV
2+140,00	107	181.633,6228	8.282.213,7586	828,396m	825,033m	
2+140,75	107+0,75	181.633,5894	8.282.213,0112	828,471m	825,084m	
2+150,35	107+10,35	181.633,1227	8.282.203,4239	829,440m	825,736m	TE
2+160,00	108	181.632,6604	8.282.193,7818	830,414m	826,391m	
2+180,00	109	181.631,8837	8.282.173,7971	832,346m	827,749m	
2+200,00	110	181.631,6605	8.282.153,7995	834,093m	829,108m	
2+220,00	111	181.632,3644	8.282.133,8145	833,491m	830,466m	
2+227,50	111+7,50	181.632,9431	8.282.126,3371	833,575m	830,975m	PCV
2+240,00	112	181.634,3653	8.282.113,9195	833,824m	831,789m	
2+240,35	112+0,35	181.634,4136	8.282.113,5761	833,852m	831,811m	EC
2+252,50	112+12,50	181.636,4212	8.282.101,5912	834,854m	832,535m	PTV
2+260,00	113	181.637,9645	8.282.094,2520	835,513m	832,961m	
2+280,00	114	181.643,2017	8.282.074,9560	837,245m	834,098m	
2+300,00	115	181.650,0400	8.282.056,1676	839,087m	835,235m	
2+320,00	116	181.658,4312	8.282.038,0196	839,836m	836,371m	
2+335,50	116+15,50	181.665,9652	8.282.024,4769	840,736m	837,252m	PCV
2+340,00	117	181.668,3161	8.282.020,6399	840,918m	837,504m	
2+345,50	117+5,50	181.671,2872	8.282.016,0116	841,053m	837,800m	PIV
2+346,51	117+6,51	181.671,8460	8.282.015,1668	841,086m	837,853m	CE
2+355,50	117+15,50	181.676,9555	8.282.007,7741	841,813m	838,307m	PTV
2+360,00	118	181.679,6093	8.282.004,1399	842,348m	838,526m	
2+380,00	119	181.692,0512	8.281.988,4852	844,444m	839,499m	
2+400,00	120	181.705,3026	8.281.973,5072	845,995m	840,471m	
2+420,00	121	181.719,0574	8.281.958,9889	844,912m	841,444m	
2+435,00	121+15,00	181.729,5344	8.281.948,2543	844,687m	842,174m	PCV
2+436,51	121+16,51	181.730,5937	8.281.947,1740	844,719m	842,247m	ET
2+440,00	122	181.733,0351	8.281.944,6842	844,794m	842,414m	

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KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
2+446,11	122+6,11	181.737,3140	8.281.940,3206	844,926m	842,699m	
2+460,00	123	181.746,9981	8.281.930,3652	844,429m	843,316m	
2+480,00	124	181.760,9436	8.281.916,0291	844,494m	844,124m	
2+500,00	125	181.774,8891	8.281.901,6930	844,305m	844,837m	
2+510,00	125+10,00	181.781,8618	8.281.894,5250	845,109m	845,159m	PIV
2+520,00	126	181.788,8345	8.281.887,3570	845,603m	845,457m	
2+540,00	127	181.802,7800	8.281.873,0209	845,599m	845,982m	
2+560,00	128	181.816,7255	8.281.858,6848	845,492m	846,413m	
2+580,00	129	181.830,6710	8.281.844,3487	845,409m	846,750m	
2+585,00	129+5,00	181.834,1574	8.281.840,7647	845,426m	846,819m	PTV
2+600,00	130	181.844,6165	8.281.830,0126	845,439m	847,019m	
2+620,00	131	181.858,5620	8.281.815,6765	845,425m	847,285m	
2+640,00	132	181.872,5075	8.281.801,3405	845,711m	847,551m	
2+660,00	133	181.886,4530	8.281.787,0044	845,180m	847,817m	
2+680,00	134	181.900,3985	8.281.772,6683	846,001m	848,083m	
2+700,00	135	181.914,3440	8.281.758,3322	846,311m	848,350m	
2+720,00	136	181.928,2894	8.281.743,9961	846,667m	848,616m	
2+740,00	137	181.942,2349	8.281.729,6600	847,123m	848,882m	
2+760,00	138	181.956,1804	8.281.715,3239	847,839m	849,148m	
2+780,00	139	181.970,1259	8.281.700,9879	848,259m	849,414m	
2+780,50	139+0,50	181.970,4745	8.281.700,6295	848,261m	849,421m	PCV
2+800,00	140	181.984,0714	8.281.686,6518	848,587m	849,736m	
2+820,00	141	181.998,0169	8.281.672,3157	849,339m	850,175m	
2+838,00	141+18,00	182.010,5678	8.281.659,4132	849,956m	850,671m	PIV
2+840,00	142	182.011,9624	8.281.657,9796	850,024m	850,731m	
2+860,00	143	182.025,9079	8.281.643,6435	850,936m	851,405m	
2+877,72	143+17,72	182.038,2659	8.281.630,9394	852,007m	852,100m	TE
2+880,00	144	182.039,8533	8.281.629,3074	852,144m	852,196m	
2+895,50	144+15,50	182.050,6171	8.281.618,1544	853,044m	852,889m	PTV
2+900,00	145	182.053,7121	8.281.614,8878	853,282m	853,101m	
2+920,00	146	182.067,1444	8.281.600,0718	854,088m	854,041m	
2+928,50	146+8,50	182.072,6243	8.281.593,5744	854,094m	854,441m	PCV
2+940,00	147	182.079,7363	8.281.584,5384	854,941m	854,998m	
2+960,00	148	182.091,0214	8.281.568,0353	856,395m	856,042m	
2+963,50	148+3,50	182.092,8233	8.281.565,0349	856,586m	856,235m	PIV
2+977,72	148+17,72	182.099,5034	8.281.552,4829	857,255m	857,049m	EC
2+980,00	149	182.100,4676	8.281.550,4205	857,339m	857,184m	
2+998,50	149+18,50	182.107,1440	8.281.533,1793	858,336m	858,326m	PTV
3+000,00	150	182.107,5931	8.281.531,7481	858,433m	858,422m	
3+020,00	151	182.112,2240	8.281.512,3062	859,364m	859,702m	
3+040,00	152	182.114,2811	8.281.492,4266	859,919m	860,982m	
3+060,00	153	182.113,7295	8.281.472,4485	860,535m	862,262m	
3+070,00	153+10,00	182.112,4765	8.281.462,5291	861,018m	862,925m	PIV
3+070,27	153+10,27	182.112,4333	8.281.462,2598	861,038m	862,944m	CE
3+080,00	154	182.110,5882	8.281.452,7106	861,728m	863,636m	
3+100,00	155	182.105,1552	8.281.433,4722	862,227m	865,104m	
3+120,00	156	182.097,9789	8.281.414,8096	863,861m	866,572m	
3+123,75	156+3,75	182.096,4830	8.281.411,3709	864,058m	866,847m	PCV

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KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
3+133,75	156+13,75	182.092,3118	8.281.402,2827	865,240m	867,548m	PIV
3+140,00	157	182.089,5914	8.281.396,6559	865,833m	867,952m	
3+143,75	157+3,75	182.087,9249	8.281.393,2966	866,063m	868,182m	PTV
3+160,00	158	182.080,4914	8.281.378,8467	867,108m	869,157m	
3+170,27	158+10,27	182.075,6953	8.281.369,7623	867,790m	869,774m	ET
3+180,00	159	182.071,1440	8.281.361,1655	868,438m	870,358m	
3+200,00	160	182.061,7861	8.281.343,4898	869,522m	871,559m	
3+220,00	161	182.052,4283	8.281.325,8141	869,857m	872,760m	
3+240,00	162	182.043,0704	8.281.308,1384	871,204m	873,962m	
3+260,00	163	182.033,7126	8.281.290,4627	872,849m	875,163m	
3+280,00	164	182.024,3547	8.281.272,7870	874,338m	876,364m	
3+300,00	165	182.014,9968	8.281.255,1113	875,649m	877,565m	
3+320,00	166	182.005,6390	8.281.237,4356	876,084m	878,766m	
3+329,64	166+9,64	182.001,1274	8.281.228,9139	876,359m	879,345m	TE
3+330,00	166+10,00	182.000,9601	8.281.228,5978	876,385m	879,366m	PCV
3+340,00	167	181.996,2873	8.281.219,7566	877,597m	879,986m	
3+350,00	167+10,00	181.991,6493	8.281.210,8972	879,595m	880,644m	PTV
3+360,00	168	181.987,0799	8.281.202,0024	880,834m	881,320m	
3+380,00	169	181.978,2835	8.281.184,0415	883,933m	882,674m	
3+400,00	170	181.970,1792	8.281.165,7589	886,120m	884,028m	
3+420,00	171	181.963,0614	8.281.147,0717	887,448m	885,382m	
3+440,00	172	181.957,2394	8.281.127,9429	888,386m	886,735m	
3+460,00	173	181.953,0362	8.281.108,3967	889,101m	888,089m	
3+462,25	173+2,25	181.952,6791	8.281.106,1752	889,068m	888,241m	PCV
3+469,64	173+9,64	181.951,6856	8.281.098,8505	889,236m	888,727m	EC
3+472,25	173+12,25	181.951,4029	8.281.096,2581	889,230m	888,891m	PIV
3+480,00	174	181.950,7746	8.281.088,5342	889,330m	889,358m	
3+482,25	174+2,25	181.950,6518	8.281.086,2875	889,433m	889,487m	PTV
3+500,00	175	181.950,6236	8.281.068,5441	890,189m	890,496m	
3+520,00	176	181.952,5905	8.281.048,6505	894,095m	891,634m	
3+540,00	177	181.956,6530	8.281.029,0770	894,817m	892,771m	
3+560,00	178	181.962,7656	8.281.010,0438	896,209m	893,909m	
3+580,00	179	181.970,8594	8.280.991,7650	896,460m	895,046m	
3+600,00	180	181.980,8435	8.280.974,4462	897,735m	896,183m	
3+614,00	180+14,00	181.988,8977	8.280.962,9989	898,685m	896,980m	PCV
3+620,00	181	181.992,6055	8.280.958,2820	898,945m	897,311m	
3+621,50	181+1,50	181.993,5558	8.280.957,1214	899,019m	897,391m	PIV
3+623,97	181+3,97	181.995,1396	8.280.955,2281	899,123m	897,519m	CE
3+629,00	181+9,00	181.998,4433	8.280.951,4333	899,274m	897,771m	PTV
3+640,00	182	182.005,9945	8.280.943,4364	898,414m	898,305m	
3+660,00	183	182.020,7185	8.280.929,9104	899,891m	899,277m	
3+680,00	184	182.036,4632	8.280.917,5841	899,964m	900,249m	
3+695,50	184+15,50	182.049,1956	8.280.908,7469	900,467m	901,002m	PCV
3+700,00	185	182.052,9611	8.280.906,2831	900,680m	901,216m	
3+718,00	185+18,00	182.068,2674	8.280.896,8132	901,784m	901,965m	PIV
3+720,00	186	182.069,9884	8.280.895,7942	901,928m	902,038m	
3+740,00	187	182.087,3564	8.280.885,8780	902,832m	902,656m	
3+740,50	187+0,50	182.087,7935	8.280.885,6353	902,894m	902,668m	PTV

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KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
3+760,00	188	182.104,9020	8.280.876,2787	905,018m	903,165m	
3+761,25	188+1,25	182.106,0011	8.280.875,6833	904,932m	903,197m	PCV
3+763,97	188+3,97	182.108,3915	8.280.874,3887	904,746m	903,264m	ET
3+780,00	189	182.122,4889	8.280.866,7551	904,749m	903,580m	
3+800,00	190	182.140,0760	8.280.857,2318	905,101m	903,782m	
3+806,25	190+6,25	182.145,5720	8.280.854,2557	905,141m	903,801m	PIV
3+808,79	190+8,79	182.147,8052	8.280.853,0465	905,158m	903,802m	PB
3+820,00	191	182.157,6632	8.280.847,7084	905,186m	903,769m	
3+840,00	192	182.175,2503	8.280.838,1851	904,520m	903,541m	
3+851,25	192+11,25	182.185,1430	8.280.832,8283	903,925m	903,319m	PTV
3+860,00	193	182.192,8374	8.280.828,6618	903,592m	903,120m	
3+865,17	193+5,17	182.197,3848	8.280.826,1994	903,399m	902,993m	
3+880,00	194	182.210,3890	8.280.819,0734	902,906m	902,519m	
3+890,00	194+10,00	182.219,1587	8.280.814,2678	902,626m	902,109m	PIV
3+895,03	194+15,03	182.223,5717	8.280.811,8496	902,488m	901,874m	TE
3+900,00	195	182.227,9275	8.280.809,4608	902,316m	901,625m	
3+920,00	196	182.245,3632	8.280.799,6641	900,478m	900,438m	
3+940,00	197	182.262,3783	8.280.789,1581	898,290m	899,105m	
3+954,25	197+14,25	182.274,0234	8.280.780,9491	896,906m	898,156m	PCV
3+960,00	198	182.278,5637	8.280.777,4211	896,661m	897,781m	
3+964,25	198+4,25	182.281,8489	8.280.774,7250	896,472m	897,514m	PIV
3+965,03	198+5,03	182.282,4465	8.280.774,2203	896,437m	897,466m	EC
3+974,25	198+14,25	182.289,3131	8.280.768,0723	895,996m	896,922m	PTV
3+980,00	199	182.293,4268	8.280.764,0553	895,202m	896,596m	
4+000,00	200	182.306,6503	8.280.749,0655	893,174m	895,463m	
4+020,00	201	182.318,0564	8.280.732,6504	892,768m	894,329m	
4+023,50	201+3,50	182.319,8539	8.280.729,6473	892,908m	894,131m	PCV
4+035,03	201+15,03	182.325,3385	8.280.719,5095	892,406m	893,516m	CE
4+040,00	202	182.327,4944	8.280.715,0299	892,193m	893,276m	
4+056,50	202+16,50	182.333,8318	8.280.699,7999	891,453m	892,583m	PIV
4+060,00	203	182.335,0342	8.280.696,5130	891,359m	892,456m	
4+080,00	204	182.341,1786	8.280.677,4831	890,389m	891,874m	
4+089,50	204+9,50	182.343,7818	8.280.668,3469	890,645m	891,680m	PTV
4+100,00	205	182.346,5320	8.280.658,2135	889,910m	891,496m	
4+105,03	205+5,03	182.347,8278	8.280.653,3549	889,517m	891,408m	ET
4+112,50	205+12,50	182.349,7506	8.280.646,1350	888,932m	891,277m	PCV
4+120,00	206	182.351,6807	8.280.638,8876	889,068m	891,157m	
4+134,89	206+14,89	182.355,5125	8.280.624,4998	889,853m	890,993m	
4+140,00	207	182.356,8031	8.280.619,5547	890,117m	890,959m	
4+145,00	207+5,00	182.358,0656	8.280.614,7167	890,376m	890,937m	PIV
4+152,69	207+12,69	182.360,0065	8.280.607,2799	890,556m	890,924m	
4+160,00	208	182.361,8534	8.280.600,2029	890,602m	890,935m	
4+177,50	208+17,50	182.366,2724	8.280.583,2700	890,728m	891,058m	PTV
4+180,00	209	182.366,9037	8.280.580,8510	890,747m	891,085m	
4+200,00	210	182.371,9541	8.280.561,4992	890,903m	891,302m	
4+220,00	211	182.377,0044	8.280.542,1473	891,162m	891,519m	
4+240,00	212	182.382,0547	8.280.522,7955	891,592m	891,736m	
4+260,00	213	182.387,1051	8.280.503,4436	892,112m	891,953m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
4+280,00	214	182.392,1554	8.280.484,0918	891,884m	892,170m	
4+300,00	215	182.397,2058	8.280.464,7399	891,954m	892,387m	
4+320,00	216	182.402,2561	8.280.445,3881	892,242m	892,603m	
4+340,00	217	182.407,3064	8.280.426,0362	893,084m	892,820m	
4+360,00	218	182.412,3568	8.280.406,6844	893,301m	893,037m	
4+380,00	219	182.417,4071	8.280.387,3325	892,771m	893,254m	
4+400,00	220	182.422,4574	8.280.367,9807	892,642m	893,471m	
4+420,00	221	182.427,5078	8.280.348,6288	893,727m	893,688m	
4+440,00	222	182.432,5581	8.280.329,2770	894,942m	893,905m	
4+453,50	222+13,50	182.435,9671	8.280.316,2145	893,538m	894,051m	PCV
4+460,00	223	182.437,6085	8.280.309,9251	893,925m	894,128m	
4+468,50	223+8,50	182.439,7549	8.280.301,7006	894,347m	894,249m	PIV
4+480,00	224	182.442,6588	8.280.290,5733	894,027m	894,449m	
4+483,50	224+3,50	182.443,5426	8.280.287,1867	893,931m	894,518m	PTV
4+495,24	224+15,24	182.446,5082	8.280.275,8233	893,974m	894,757m	
4+500,00	225	182.447,6907	8.280.271,2166	893,986m	894,854m	
4+520,00	226	182.452,6636	8.280.251,8447	894,037m	895,260m	
4+535,23	226+15,23	182.456,4513	8.280.237,0897	893,703m	895,569m	
4+536,92	226+16,92	182.456,8701	8.280.235,4584	893,653m	895,604m	TE
4+540,00	227	182.457,6369	8.280.232,4729	893,562m	895,666m	
4+560,00	228	182.462,7602	8.280.213,1406	894,962m	896,072m	
4+580,00	229	182.468,5586	8.280.194,0019	895,434m	896,479m	
4+580,75	229+0,75	182.468,7968	8.280.193,2907	895,452m	896,494m	PCV
4+591,92	229+11,92	182.472,5687	8.280.182,7802	895,736m	896,695m	EC
4+600,00	230	182.475,5909	8.280.175,2845	895,961m	896,809m	
4+600,75	230+0,75	182.475,8842	8.280.174,5943	895,983m	896,818m	PIV
4+620,00	231	182.484,1434	8.280.157,2119	896,978m	896,976m	
4+620,75	231+0,75	182.484,4933	8.280.156,5485	896,976m	896,979m	PTV
4+640,00	232	182.494,1766	8.280.139,9173	896,427m	897,056m	
4+659,00	232+19,00	182.505,0157	8.280.124,3185	896,223m	897,131m	PCV
4+660,00	233	182.505,6202	8.280.123,5219	896,235m	897,135m	
4+668,28	233+8,28	182.510,7499	8.280.117,0274	896,146m	897,149m	PB
4+679,00	233+19,00	182.517,7252	8.280.108,8836	896,146m	897,125m	PIV
4+680,00	234	182.518,3942	8.280.108,1403	896,147m	897,120m	
4+682,82	234+2,82	182.520,2972	8.280.106,0594	896,120m	897,104m	CE
4+699,00	234+19,00	182.531,6427	8.280.094,5268	894,741m	896,948m	PTV
4+700,00	235	182.532,3642	8.280.093,8343	894,635m	896,935m	
4+720,00	236	182.547,1358	8.280.080,3532	894,578m	896,672m	
4+737,82	236+17,82	182.560,6139	8.280.068,6962	894,826m	896,439m	ET
4+740,00	237	182.562,2685	8.280.067,2767	894,833m	896,410m	
4+760,00	238	182.577,4482	8.280.054,2545	896,988m	896,148m	
4+779,49	238+19,49	182.592,2435	8.280.041,5621	897,216m	895,892m	
4+780,00	239	182.592,6265	8.280.041,2308	897,221m	895,886m	
4+798,00	239+18,00	182.606,2412	8.280.029,4563	897,040m	895,650m	PCV
4+800,00	240	182.607,7540	8.280.028,1480	897,051m	895,625m	
4+808,00	240+8,00	182.613,8050	8.280.022,9148	894,862m	895,541m	PIV
4+818,00	240+18,00	182.621,3687	8.280.016,3734	894,633m	895,475m	PTV
4+820,00	241	182.622,8815	8.280.015,0652	894,622m	895,466m	

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KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
4+840,00	242	182.638,0089	8.280.001,9824	894,301m	895,379m	
4+843,50	242+3,50	182.640,6562	8.279.999,6929	894,567m	895,364m	PCV
4+858,20	242+18,20	182.651,7756	8.279.990,0764	894,922m	895,332m	
4+860,00	243	182.653,1364	8.279.988,8995	894,943m	895,332m	
4+868,50	243+8,50	182.659,5655	8.279.983,3393	895,041m	895,347m	PIV
4+880,00	244	182.668,2638	8.279.975,8167	895,174m	895,402m	
4+893,50	244+13,50	182.678,4749	8.279.966,9858	895,255m	895,517m	PTV
4+899,75	244+19,75	182.683,2022	8.279.962,8975	895,221m	895,582m	PCV
4+900,00	245	182.683,3913	8.279.962,7339	895,220m	895,585m	
4+913,75	245+13,75	182.693,7914	8.279.953,7395	895,290m	895,817m	PIV
4+920,00	246	182.698,5188	8.279.949,6511	895,312m	895,979m	
4+927,75	246+7,75	182.704,3806	8.279.944,5815	895,392m	896,229m	PTV
4+940,00	247	182.713,6462	8.279.936,5683	895,635m	896,666m	
4+943,52	247+3,52	182.716,3059	8.279.934,2681	895,826m	896,795m	TE
4+960,00	248	182.728,7870	8.279.923,5010	896,532m	897,469m	
4+980,00	249	182.744,0451	8.279.910,5710	897,959m	898,450m	
4+996,20	249+16,20	182.756,5850	8.279.900,3149	900,222m	899,315m	PCV
5+000,00	250	182.759,5581	8.279.897,9485	900,233m	899,515m	
5+003,52	250+3,52	182.762,3216	8.279.895,7743	900,239m	899,693m	EC
5+003,70	250+3,70	182.762,4664	8.279.895,6610	900,239m	899,703m	PIV
5+011,20	250+11,20	182.768,4036	8.279.891,0785	900,233m	900,063m	PTV
5+020,00	251	182.775,4411	8.279.885,7956	900,290m	900,470m	
5+040,00	252	182.791,7145	8.279.874,1706	901,302m	901,394m	
5+060,00	253	182.808,3608	8.279.863,0861	901,507m	902,319m	
5+072,50	253+12,50	182.818,9461	8.279.856,4382	901,649m	902,897m	PCV
5+080,00	254	182.825,3621	8.279.852,5543	902,016m	903,227m	PIV
5+080,00	254	182.825,3621	8.279.852,5543	902,016m	903,227m	
5+080,46	254+0,46	182.825,7568	8.279.852,3188	902,041m	903,247m	CE
5+087,50	254+7,50	182.831,8245	8.279.848,7482	902,409m	903,526m	PTV
5+100,00	255	182.842,6832	8.279.842,5567	903,030m	903,996m	
5+120,00	256	182.860,2219	8.279.832,9449	903,900m	904,748m	
5+140,00	257	182.877,8673	8.279.823,5301	904,490m	905,500m	
5+140,46	257+0,46	182.878,2733	8.279.823,3145	904,489m	905,517m	ET
5+145,00	257+5,00	182.882,2832	8.279.821,1850	906,174m	905,688m	PCV
5+160,00	258	182.895,5310	8.279.814,1497	907,146m	906,269m	
5+165,00	258+5,00	182.899,9470	8.279.811,8046	907,470m	906,471m	PIV
5+180,00	259	182.913,1948	8.279.804,7693	908,374m	907,097m	
5+185,00	259+5,00	182.917,6107	8.279.802,4242	908,630m	907,314m	PTV
5+191,50	259+11,50	182.923,3515	8.279.799,3756	908,962m	907,598m	PCV
5+200,00	260	182.930,8586	8.279.795,3889	909,397m	907,950m	
5+220,00	261	182.948,5223	8.279.786,0086	910,420m	908,631m	
5+240,00	262	182.966,1861	8.279.776,6282	911,066m	909,103m	
5+260,00	263	182.983,8498	8.279.767,2478	911,369m	909,367m	
5+275,30	263+15,30	182.997,3665	8.279.760,0697	911,078m	909,428m	PB
5+280,00	264	183.001,5136	8.279.757,8674	910,989m	909,422m	
5+286,50	264+6,50	183.007,2543	8.279.754,8188	910,865m	909,395m	PIV
5+300,00	265	183.019,1774	8.279.748,4870	910,679m	909,269m	
5+320,00	266	183.036,8411	8.279.739,1067	909,453m	908,907m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
5+340,00	267	183.054,5049	8.279.729,7263	909,015m	908,337m	
5+360,00	268	183.072,1686	8.279.720,3459	908,497m	907,559m	
5+371,37	268+11,37	183.082,2087	8.279.715,0141	908,056m	907,023m	TE
5+380,00	269	183.089,8316	8.279.710,9639	907,875m	906,572m	
5+381,50	269+1,50	183.091,1558	8.279.710,2594	907,862m	906,489m	PTV
5+400,00	270	183.107,4653	8.279.701,5272	907,717m	905,465m	
5+420,00	271	183.125,0074	8.279.691,9217	906,470m	904,358m	
5+438,50	271+18,50	183.141,0938	8.279.682,7855	904,611m	903,334m	PCV
5+440,00	272	183.142,3904	8.279.682,0313	904,868m	903,251m	
5+448,50	272+8,50	183.149,7123	8.279.677,7139	904,429m	902,752m	PIV
5+458,50	272+18,50	183.158,2644	8.279.672,5313	903,870m	902,113m	PTV
5+460,00	273	183.159,5409	8.279.671,7435	903,711m	902,012m	
5+472,86	273+12,86	183.170,4055	8.279.664,8700	902,455m	901,153m	PCV
5+477,86	273+17,86	183.174,5909	8.279.662,1346	902,001m	900,832m	PIV
5+480,00	274	183.176,3776	8.279.660,9506	901,818m	900,702m	
5+481,37	274+1,37	183.177,5155	8.279.660,1914	901,701m	900,622m	EC
5+482,86	274+2,86	183.178,7516	8.279.659,3619	901,584m	900,536m	PTV
5+500,00	275	183.192,8201	8.279.649,5664	900,286m	899,566m	
5+520,00	276	183.208,8314	8.279.637,5834	898,793m	898,434m	
5+540,00	277	183.224,3897	8.279.625,0179	897,629m	897,302m	
5+560,00	278	183.239,4739	8.279.611,8869	895,962m	896,170m	
5+580,00	279	183.254,0634	8.279.598,2084	893,896m	895,039m	
5+585,00	279+5,00	183.257,6311	8.279.594,7054	893,756m	894,756m	PCV
5+600,00	280	183.268,1383	8.279.584,0009	893,131m	894,015m	
5+605,00	280+5,00	183.271,5744	8.279.580,3687	892,876m	893,816m	PIV
5+605,55	280+5,55	183.271,9484	8.279.579,9692	892,848m	893,796m	CE
5+620,00	281	183.281,6858	8.279.569,2896	892,390m	893,364m	
5+625,00	281+5,00	183.284,9946	8.279.565,5410	892,323m	893,261m	PTV
5+640,00	282	183.294,7554	8.279.554,1516	892,110m	892,989m	
5+646,00	282+6,00	183.298,5964	8.279.549,5422	891,990m	892,880m	PCV
5+660,00	283	183.307,4374	8.279.538,6872	891,690m	892,683m	
5+677,08	283+17,08	183.318,0360	8.279.525,2898	890,747m	892,598m	
5+680,00	284	183.319,8293	8.279.522,9889	890,781m	892,600m	
5+700,00	285	183.332,0331	8.279.507,1439	890,949m	892,751m	
5+712,00	285+12,00	183.339,3088	8.279.497,6012	891,075m	892,954m	PIV
5+715,55	285+15,55	183.341,4572	8.279.494,7786	891,258m	893,030m	ET
5+720,00	286	183.344,1539	8.279.491,2353	891,489m	893,135m	
5+740,00	287	183.356,2664	8.279.475,3203	892,524m	893,753m	
5+760,00	288	183.368,3790	8.279.459,4053	893,646m	894,604m	
5+778,00	288+18,00	183.379,2802	8.279.445,0818	894,879m	895,570m	PTV
5+780,00	289	183.380,4915	8.279.443,4903	895,016m	895,688m	
5+800,00	290	183.392,6040	8.279.427,5753	896,932m	896,866m	
5+820,00	291	183.404,7165	8.279.411,6603	898,192m	898,045m	
5+840,00	292	183.416,8290	8.279.395,7453	899,568m	899,223m	
5+853,00	292+13,00	183.424,7021	8.279.385,4005	900,505m	899,989m	PCV
5+860,00	293	183.428,9415	8.279.379,8303	900,856m	900,414m	
5+863,00	293+3,00	183.430,7584	8.279.377,4430	901,073m	900,604m	PIV
5+873,00	293+13,00	183.436,8146	8.279.369,4855	901,799m	901,274m	PTV

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
5+880,00	294	183.441,0540	8.279.363,9153	902,796m	901,761m	
5+900,00	295	183.453,1665	8.279.348,0003	904,736m	903,152m	
5+907,00	295+7,00	183.457,4059	8.279.342,4300	905,923m	903,639m	PCV
5+907,60	295+7,60	183.457,7708	8.279.341,9506	906,025m	903,681m	PC
5+917,00	295+17,00	183.463,4911	8.279.334,4947	907,302m	904,308m	PIV
5+920,00	296	183.465,3294	8.279.332,1239	907,557m	904,498m	
5+927,00	296+7,00	183.469,6417	8.279.326,6099	908,142m	904,922m	PTV
5+940,00	297	183.477,7345	8.279.316,4362	909,087m	905,684m	
5+960,00	298	183.490,3975	8.279.300,9559	910,459m	906,856m	
5+980,00	299	183.503,3147	8.279.285,6871	911,880m	908,028m	
6+000,00	300	183.516,4828	8.279.270,6341	912,605m	909,201m	
6+020,00	301	183.529,8980	8.279.255,8010	913,696m	910,373m	
6+022,50	301+2,50	183.531,5921	8.279.253,9625	913,813m	910,520m	PCV
6+040,00	302	183.543,5568	8.279.241,1918	914,651m	911,438m	
6+055,00	302+15,00	183.553,9585	8.279.230,3842	916,003m	912,055m	PIV
6+055,07	302+15,07	183.554,0098	8.279.230,3315	916,010m	912,058m	PT
6+060,00	303	183.557,4482	8.279.226,8035	916,427m	912,226m	
6+080,00	304	183.571,4072	8.279.212,4806	916,432m	912,734m	
6+087,50	304+7,50	183.576,6418	8.279.207,1094	916,466m	912,853m	PTV
6+100,00	305	183.585,3662	8.279.198,1576	915,052m	913,017m	
6+119,00	305+19,00	183.598,6272	8.279.184,5508	912,333m	913,268m	PCV
6+120,00	306	183.599,3251	8.279.183,8346	912,235m	913,280m	
6+139,00	306+19,00	183.612,5862	8.279.170,2278	911,562m	913,418m	PIV
6+140,00	307	183.613,2841	8.279.169,5117	911,527m	913,419m	
6+142,21	307+2,21	183.614,8248	8.279.167,9308	911,449m	913,420m	PB
6+159,00	307+19,00	183.626,5451	8.279.155,9049	911,231m	913,340m	PTV
6+160,00	308	183.627,2431	8.279.155,1887	911,201m	913,331m	
6+180,00	309	183.641,2021	8.279.140,8658	910,579m	913,140m	
6+200,00	310	183.655,1610	8.279.126,5428	910,206m	912,950m	
6+210,00	310+10,00	183.662,1405	8.279.119,3813	910,424m	912,854m	PCV
6+220,00	311	183.669,1200	8.279.112,2199	910,641m	912,773m	
6+240,00	312	183.683,0790	8.279.097,8969	911,295m	912,698m	
6+243,13	312+3,13	183.685,2636	8.279.095,6554	911,400m	912,696m	
6+250,00	312+10,00	183.690,0585	8.279.090,7354	911,631m	912,703m	PIV
6+260,00	313	183.697,0380	8.279.083,5740	911,812m	912,737m	
6+280,00	314	183.710,9969	8.279.069,2510	911,860m	912,892m	
6+290,00	314+10,00	183.717,9764	8.279.062,0895	911,874m	913,012m	PTV
6+291,50	314+11,50	183.719,0233	8.279.061,0153	911,933m	913,033m	PCV
6+300,00	315	183.724,9559	8.279.054,9280	912,268m	913,157m	
6+320,00	316	183.738,9149	8.279.040,6051	914,089m	913,531m	
6+340,00	317	183.752,8739	8.279.026,2821	915,698m	914,016m	
6+341,50	317+1,50	183.753,9208	8.279.025,2079	915,749m	914,057m	PIV
6+360,00	318	183.766,8328	8.279.011,9592	916,475m	914,614m	
6+380,00	319	183.780,7918	8.278.997,6362	917,017m	915,324m	
6+391,50	319+11,50	183.788,8182	8.278.989,4005	917,442m	915,783m	PTV
6+400,00	320	183.794,7508	8.278.983,3133	917,612m	916,136m	
6+420,00	321	183.808,7097	8.278.968,9903	917,903m	916,967m	
6+440,00	322	183.822,6687	8.278.954,6673	918,121m	917,798m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
6+460,00	323	183.836,6277	8.278.940,3444	918,651m	918,628m	
6+480,00	324	183.850,5867	8.278.926,0214	918,602m	919,459m	
6+500,00	325	183.864,5456	8.278.911,6985	919,344m	920,289m	
6+520,00	326	183.878,5046	8.278.897,3755	920,226m	921,120m	
6+540,00	327	183.892,4636	8.278.883,0526	921,436m	921,950m	
6+560,00	328	183.906,4226	8.278.868,7296	922,686m	922,781m	
6+580,00	329	183.920,3815	8.278.854,4067	924,083m	923,612m	
6+600,00	330	183.934,3405	8.278.840,0837	927,381m	924,442m	
6+620,00	331	183.948,2995	8.278.825,7607	928,278m	925,273m	
6+640,00	332	183.962,2585	8.278.811,4378	929,224m	926,103m	
6+652,50	332+12,50	183.970,9828	8.278.802,4859	930,169m	926,623m	PCV
6+660,00	333	183.976,2174	8.278.797,1148	930,531m	926,918m	
6+680,00	334	183.990,1764	8.278.782,7919	931,154m	927,551m	
6+700,00	335	184.004,1354	8.278.768,4689	931,901m	927,959m	
6+720,00	336	184.018,0944	8.278.754,1460	931,601m	928,141m	
6+726,12	336+6,12	184.022,3638	8.278.749,7652	931,411m	928,151m	PB
6+740,00	337	184.032,0533	8.278.739,8230	930,869m	928,097m	
6+741,62	337+1,62	184.033,1869	8.278.738,6598	930,762m	928,083m	
6+747,50	337+7,50	184.037,2668	8.278.734,4315	930,452m	928,022m	PTV
6+757,50	337+17,50	184.044,2104	8.278.727,2352	930,295m	927,902m	PCV
6+760,00	338	184.045,9463	8.278.725,4361	930,291m	927,869m	
6+762,20	338+2,20	184.047,4757	8.278.723,8511	930,286m	927,836m	TE
6+770,00	338+10,00	184.052,8832	8.278.718,2333	929,950m	927,687m	PIV
6+780,00	339	184.059,7530	8.278.710,9667	929,492m	927,423m	
6+782,50	339+2,50	184.061,4498	8.278.709,1307	929,440m	927,344m	PTV
6+792,50	339+12,50	184.068,1117	8.278.701,6734	928,036m	927,019m	PCV
6+800,00	340	184.072,9349	8.278.695,9304	927,369m	926,729m	
6+807,50	340+7,50	184.077,5626	8.278.690,0288	926,814m	926,348m	PIV
6+820,00	341	184.084,7149	8.278.679,7810	925,716m	925,509m	
6+822,50	341+2,50	184.086,0449	8.278.677,6641	925,536m	925,311m	PTV
6+830,57	341+10,57	184.090,0659	8.278.670,6745	924,985m	924,654m	PCV
6+838,07	341+18,07	184.093,3895	8.278.663,9525	924,584m	924,082m	PIV
6+840,00	342	184.094,1746	8.278.662,1840	924,385m	923,947m	
6+842,20	342+2,20	184.095,0297	8.278.660,1543	923,965m	923,799m	EC
6+845,57	342+5,57	184.096,2532	8.278.657,0225	923,523m	923,585m	PTV
6+855,00	342+15,00	184.099,1466	8.278.648,0454	923,143m	923,008m	PCV
6+860,00	343	184.100,3515	8.278.643,1932	922,742m	922,712m	
6+880,00	344	184.102,8392	8.278.623,3787	921,044m	921,715m	
6+900,00	345	184.101,5486	8.278.603,4504	916,873m	921,019m	
6+905,00	345+5,00	184.100,6380	8.278.598,5345	915,455m	920,892m	PTV
6+913,50	345+13,50	184.098,5592	8.278.590,2950	914,790m	920,692m	PCV
6+920,00	346	184.096,5258	8.278.584,1223	917,308m	920,586m	
6+921,56	346+1,56	184.095,9812	8.278.582,6596	917,918m	920,574m	CE
6+923,50	346+3,50	184.095,2746	8.278.580,8537	918,168m	920,566m	PIV
6+924,26	346+4,26	184.094,9906	8.278.580,1537	918,175m	920,566m	
6+933,50	346+13,50	184.091,1412	8.278.571,7514	918,362m	920,659m	PTV
6+940,00	347	184.088,0600	8.278.566,0289	918,425m	920,790m	
6+943,00	347+3,00	184.086,5454	8.278.563,4393	918,054m	920,851m	PCV

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
6+947,00	347+7,00	184.084,4432	8.278.560,0364	917,527m	920,945m	PIV
6+951,00	347+11,00	184.082,2538	8.278.556,6890	916,964m	921,065m	PTV
6+952,00	347+12,00	184.081,6937	8.278.555,8605	916,819m	921,099m	PCV
6+956,00	347+16,00	184.079,4059	8.278.552,5795	916,692m	921,216m	PIV
6+960,00	348	184.077,0478	8.278.549,3486	916,906m	921,299m	
6+964,45	348+4,45	184.074,3513	8.278.545,8104	917,086m	921,373m	PCV
6+971,95	348+11,95	184.069,6545	8.278.539,9636	917,909m	921,521m	PIV
6+979,45	348+19,45	184.064,8053	8.278.534,2423	918,500m	921,714m	PTV
6+980,00	349	184.064,4439	8.278.533,8258	918,637m	921,730m	
6+984,50	349+4,50	184.061,4741	8.278.530,4450	919,744m	921,859m	PCV
6+998,00	349+18,00	184.052,4135	8.278.520,4375	922,034m	922,316m	PIV
7+000,00	350	184.051,0611	8.278.518,9640	922,146m	922,396m	
7+001,56	350+1,56	184.050,0053	8.278.517,8145	922,235m	922,460m	ET
7+002,15	350+2,15	184.049,6050	8.278.517,3787	922,268m	922,485m	
7+011,50	350+11,50	184.043,2433	8.278.510,5300	923,848m	922,914m	PTV
7+020,00	351	184.037,4584	8.278.504,3023	925,208m	923,334m	
7+023,25	351+3,25	184.035,2466	8.278.501,9211	925,685m	923,495m	PCV
7+026,25	351+6,25	184.033,2048	8.278.499,7230	925,682m	923,648m	PIV
7+029,25	351+9,25	184.031,1631	8.278.497,5250	925,680m	923,810m	PTV
7+040,00	352	184.023,8469	8.278.489,6487	925,670m	924,409m	
7+040,25	352+0,25	184.023,6768	8.278.489,4656	925,670m	924,422m	PCV
7+045,25	352+5,25	184.020,2739	8.278.485,8022	925,666m	924,690m	PIV
7+050,25	352+10,25	184.016,8710	8.278.482,1388	925,560m	924,938m	PTV
7+060,00	353	184.010,2354	8.278.474,9952	925,319m	925,399m	
7+063,25	353+3,25	184.008,0235	8.278.472,6140	926,156m	925,553m	PCV
7+066,25	353+6,25	184.005,9818	8.278.470,4160	926,692m	925,687m	PIV
7+069,25	353+9,25	184.003,9401	8.278.468,2179	927,229m	925,804m	PTV
7+080,00	354	183.996,6239	8.278.460,3416	928,622m	926,193m	
7+083,50	354+3,50	183.994,2419	8.278.457,7773	928,913m	926,320m	PCV
7+087,50	354+7,50	183.991,5195	8.278.454,8466	929,101m	926,456m	PIV
7+089,34	354+9,34	183.990,2670	8.278.453,4981	929,187m	926,513m	
7+089,82	354+9,82	183.989,9417	8.278.453,1510	929,211m	926,527m	TE
7+091,50	354+11,50	183.988,7903	8.278.451,9223	929,295m	926,574m	PTV
7+093,00	354+13,00	183.987,7649	8.278.450,8275	929,338m	926,615m	PCV
7+095,50	354+15,50	183.986,0572	8.278.449,0017	929,356m	926,692m	PIV
7+098,00	354+18,00	183.984,3521	8.278.447,1734	929,372m	926,784m	PTV
7+100,00	355	183.982,9906	8.278.445,7083	929,380m	926,864m	
7+111,58	355+11,58	183.975,1850	8.278.437,1550	929,782m	927,326m	PCV
7+120,00	356	183.969,6385	8.278.430,8199	929,893m	927,635m	
7+140,00	357	183.957,2068	8.278.415,1598	930,742m	928,146m	
7+156,82	357+16,82	183.947,9806	8.278.401,1086	931,973m	928,333m	EC
7+160,00	358	183.946,4014	8.278.398,3442	932,047m	928,343m	
7+161,58	358+1,58	183.945,6396	8.278.396,9602	932,052m	928,346m	PIV
7+162,60	358+2,60	183.945,1562	8.278.396,0637	932,052m	928,346m	PB
7+180,00	359	183.937,8573	8.278.380,2775	932,520m	928,227m	
7+200,00	360	183.931,7907	8.278.361,2353	932,113m	927,798m	
7+211,58	360+11,58	183.929,4550	8.278.349,8965	931,370m	927,406m	PTV
7+220,00	361	183.928,3095	8.278.341,5556	930,710m	927,083m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
7+235,00	361+15,00	183.927,4341	8.278.326,5874	928,574m	926,507m	PCV
7+240,00	362	183.927,4754	8.278.321,5878	928,140m	926,292m	
7+245,00	362+5,00	183.927,6832	8.278.316,5924	928,001m	926,030m	PIV
7+252,16	362+12,16	183.928,2707	8.278.309,4549	927,809m	925,573m	CE
7+255,00	362+15,00	183.928,5972	8.278.306,6361	927,667m	925,365m	PTV
7+260,00	363	183.929,2952	8.278.301,6853	927,264m	924,985m	
7+280,00	364	183.933,4125	8.278.282,1218	921,828m	923,468m	
7+300,00	365	183.939,0418	8.278.262,9333	920,050m	921,950m	
7+310,90	365+10,90	183.942,4652	8.278.252,5850	919,180m	921,123m	PCV
7+315,90	365+15,90	183.944,0740	8.278.247,8509	918,819m	920,764m	PIV
7+319,16	365+19,16	183.945,1285	8.278.244,7637	918,569m	920,552m	ET
7+320,00	366	183.945,3994	8.278.243,9710	918,474m	920,500m	
7+320,90	366+0,90	183.945,6905	8.278.243,1194	918,373m	920,446m	PTV
7+340,00	367	183.951,8676	8.278.225,0459	916,839m	919,307m	
7+349,63	367+9,63	183.954,9813	8.278.215,9357	916,270m	918,734m	
7+357,00	367+17,00	183.957,3307	8.278.208,9476	915,999m	918,294m	PCV
7+360,00	368	183.958,2868	8.278.206,1040	915,907m	918,118m	
7+380,00	369	183.964,6603	8.278.187,1468	913,750m	917,067m	
7+400,00	370	183.971,0338	8.278.168,1895	912,972m	916,232m	
7+420,00	371	183.977,4073	8.278.149,2322	912,483m	915,614m	
7+440,00	372	183.983,7808	8.278.130,2749	912,728m	915,213m	
7+460,00	373	183.990,1543	8.278.111,3177	912,641m	915,029m	
7+467,00	373+7,00	183.992,3851	8.278.104,6826	912,126m	915,016m	PIV
7+467,02	373+7,02	183.992,3900	8.278.104,6681	912,125m	915,016m	
7+480,00	374	183.996,5279	8.278.092,3604	912,913m	915,061m	
7+500,00	375	184.002,9014	8.278.073,4031	913,555m	915,310m	
7+520,00	376	184.009,2749	8.278.054,4458	913,907m	915,776m	
7+540,00	377	184.015,6484	8.278.035,4886	914,988m	916,458m	
7+560,00	378	184.022,0219	8.278.016,5313	915,604m	917,358m	
7+577,00	378+17,00	184.027,4394	8.278.000,4176	916,770m	918,292m	PTV
7+580,00	379	184.028,3954	8.277.997,5740	916,804m	918,471m	
7+600,00	380	184.034,7690	8.277.978,6167	917,727m	919,663m	
7+620,00	381	184.041,1425	8.277.959,6595	918,479m	920,855m	
7+629,38	381+9,38	184.044,1316	8.277.950,7686	919,029m	921,413m	TE
7+640,00	382	184.047,5074	8.277.940,6993	919,458m	922,046m	
7+657,00	382+17,00	184.052,7811	8.277.924,5410	919,454m	923,059m	PCV
7+660,00	383	184.053,6829	8.277.921,6769	919,642m	923,236m	
7+667,00	383+7,00	184.055,7359	8.277.914,9877	919,646m	923,633m	PIV
7+677,00	383+17,00	184.058,5270	8.277.905,3852	920,322m	924,161m	PTV
7+680,00	384	184.059,3264	8.277.902,4908	920,903m	924,313m	
7+700,00	385	184.064,0809	8.277.883,0668	924,432m	925,326m	
7+720,00	386	184.067,5792	8.277.863,3797	926,953m	926,338m	
7+727,00	386+7,00	184.068,4373	8.277.856,4328	928,701m	926,693m	PCV
7+732,00	386+12,00	184.068,9189	8.277.851,4561	929,788m	926,960m	PIV
7+737,00	386+17,00	184.069,2843	8.277.846,4696	929,955m	927,257m	PTV
7+739,38	386+19,38	184.069,4157	8.277.844,0934	930,168m	927,406m	EC
7+740,00	387	184.069,4453	8.277.843,4739	930,234m	927,444m	
7+760,00	388	184.069,3700	8.277.823,4824	931,295m	928,691m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
7+780,00	389	184.067,2992	8.277.803,5983	933,347m	929,937m	
7+782,50	389+2,50	184.066,9008	8.277.801,1302	933,657m	930,093m	PCV
7+800,00	390	184.063,2537	8.277.784,0202	934,280m	931,096m	
7+805,00	390+5,00	184.061,9380	8.277.779,1966	934,682m	931,350m	PIV
7+820,00	391	184.057,2738	8.277.764,9439	934,751m	932,029m	
7+827,50	391+7,50	184.054,5442	8.277.757,9587	934,948m	932,320m	PTV
7+831,37	391+11,37	184.053,0343	8.277.754,3967	935,124m	932,462m	CE
7+840,00	392	184.049,4237	8.277.746,5577	935,421m	932,778m	
7+854,00	392+14,00	184.042,9245	8.277.734,1601	935,798m	933,292m	PCV
7+860,00	393	184.039,9237	8.277.728,9645	935,671m	933,499m	
7+880,00	394	184.029,1482	8.277.712,1197	935,810m	934,010m	
7+900,00	395	184.017,4492	8.277.695,9006	935,447m	934,243m	
7+901,50	395+1,50	184.016,5437	8.277.694,7047	935,213m	934,249m	PIV
7+906,68	395+6,68	184.013,3936	8.277.690,5950	934,598m	934,258m	PB
7+920,00	396	184.005,1480	8.277.680,1318	936,087m	934,196m	
7+940,00	397	183.992,5424	8.277.664,6046	935,364m	933,871m	
7+941,37	397+1,37	183.991,6757	8.277.663,5451	935,330m	933,839m	ET
7+949,00	397+9,00	183.986,8441	8.277.657,6383	935,141m	933,634m	PTV
7+958,00	397+18,00	183.981,1457	8.277.650,6720	934,919m	933,369m	PCV
7+960,00	398	183.979,8794	8.277.649,1240	934,869m	933,309m	
7+980,00	399	183.967,2165	8.277.633,6433	934,238m	932,602m	
7+988,00	399+8,00	183.962,1513	8.277.627,4511	934,003m	932,264m	PIV
8+000,00	400	183.954,5536	8.277.618,1627	932,835m	931,699m	
8+018,00	400+18,00	183.943,1569	8.277.604,2302	931,895m	930,718m	PTV
8+020,00	401	183.941,8906	8.277.602,6821	931,744m	930,600m	
8+040,00	402	183.929,2277	8.277.587,2015	929,680m	929,422m	
8+060,00	403	183.916,5647	8.277.571,7208	928,580m	928,244m	
8+080,00	404	183.903,9018	8.277.556,2402	927,418m	927,066m	
8+100,00	405	183.891,2388	8.277.540,7596	925,743m	925,888m	
8+120,00	406	183.878,5759	8.277.525,2790	925,295m	924,710m	
8+140,00	407	183.865,9129	8.277.509,7983	923,767m	923,532m	
8+160,00	408	183.853,2500	8.277.494,3177	921,489m	922,354m	
8+180,00	409	183.840,5870	8.277.478,8371	920,320m	921,176m	
8+200,00	410	183.827,9241	8.277.463,3564	919,135m	919,998m	
8+220,00	411	183.815,2612	8.277.447,8758	917,870m	918,820m	
8+240,00	412	183.802,5982	8.277.432,3952	917,011m	917,642m	
8+260,00	413	183.789,9353	8.277.416,9146	915,799m	916,464m	
8+263,50	413+3,50	183.787,7192	8.277.414,2055	915,640m	916,258m	PCV
8+280,00	414	183.777,2723	8.277.401,4339	914,638m	915,349m	
8+300,00	415	183.764,6094	8.277.385,9533	913,698m	914,418m	
8+320,00	416	183.751,9464	8.277.370,4727	912,488m	913,673m	
8+340,00	417	183.739,2835	8.277.354,9921	912,263m	913,115m	
8+360,00	418	183.726,6205	8.277.339,5114	911,172m	912,744m	
8+378,50	418+18,50	183.714,9073	8.277.325,1919	911,479m	912,566m	PIV
8+380,00	419	183.713,9576	8.277.324,0308	911,547m	912,558m	
8+389,88	419+9,88	183.707,7004	8.277.316,3814	911,625m	912,535m	
8+400,00	420	183.701,2946	8.277.308,5502	911,601m	912,559m	
8+420,00	421	183.688,6317	8.277.293,0696	911,853m	912,747m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
8+440,00	422	183.675,9687	8.277.277,5889	912,263m	913,121m	
8+460,00	423	183.663,3058	8.277.262,1083	912,630m	913,681m	
8+480,00	424	183.650,6429	8.277.246,6277	913,473m	914,428m	
8+493,50	424+13,50	183.642,0954	8.277.236,1782	913,932m	915,037m	PTV
8+500,00	425	183.637,9799	8.277.231,1470	913,887m	915,351m	
8+520,00	426	183.625,3170	8.277.215,6664	914,733m	916,317m	
8+540,00	427	183.612,6540	8.277.200,1858	915,767m	917,283m	
8+545,61	427+5,61	183.609,1028	8.277.195,8444	916,085m	917,554m	TE
8+560,00	428	183.600,0105	8.277.184,6893	916,412m	918,249m	
8+580,00	429	183.587,5951	8.277.169,0101	917,480m	919,215m	
8+600,00	430	183.575,7324	8.277.152,9102	918,289m	920,181m	
8+620,00	431	183.564,7727	8.277.136,1846	918,778m	921,146m	
8+635,61	431+15,61	183.557,0931	8.277.122,5988	918,953m	921,900m	EC
8+636,00	431+16,00	183.556,9124	8.277.122,2519	918,953m	921,919m	PCV
8+640,00	432	183.555,1001	8.277.118,6860	918,949m	922,107m	
8+643,50	432+3,50	183.553,5678	8.277.115,5393	919,174m	922,262m	PIV
8+651,00	432+11,00	183.550,4541	8.277.108,7166	920,050m	922,565m	PTV
8+660,00	433	183.547,0272	8.277.100,3953	920,297m	922,906m	
8+680,00	434	183.540,6481	8.277.081,4471	920,953m	923,664m	
8+700,00	435	183.536,0155	8.277.061,9981	921,803m	924,422m	
8+720,00	436	183.533,1677	8.277.042,2089	922,830m	925,180m	
8+730,00	436+10,00	183.532,4210	8.277.032,2377	923,619m	925,559m	PCV
8+740,00	437	183.532,1282	8.277.022,2428	924,275m	925,910m	
8+760,00	438	183.532,9056	8.277.002,2648	925,185m	926,447m	
8+761,02	438+1,02	183.532,9937	8.277.001,2505	925,275m	926,468m	CE
8+780,00	439	183.535,4365	8.276.982,4312	926,425m	926,762m	
8+790,00	439+10,00	183.537,2587	8.276.972,5991	926,798m	926,836m	PIV
8+798,46	439+18,46	183.539,0389	8.276.964,3256	927,112m	926,856m	PB
8+800,00	440	183.539,3830	8.276.962,8277	927,188m	926,855m	
8+820,00	441	183.544,3344	8.276.943,4518	927,682m	926,728m	
8+840,00	442	183.549,8907	8.276.924,2395	925,117m	926,379m	
8+850,00	442+10,00	183.552,7732	8.276.914,6639	925,015m	926,121m	PTV
8+851,02	442+11,02	183.553,0677	8.276.913,6894	925,004m	926,092m	ET
8+860,00	443	183.555,6664	8.276.905,0916	924,841m	925,836m	
8+880,00	444	183.561,4529	8.276.885,9470	924,084m	925,265m	PCV
8+880,00	444	183.561,4529	8.276.885,9470	924,084m	925,265m	
8+900,00	445	183.567,2394	8.276.866,8024	923,879m	924,834m	
8+910,00	445+10,00	183.570,1326	8.276.857,2301	923,519m	924,722m	PIV
8+920,00	446	183.573,0258	8.276.847,6578	923,224m	924,680m	
8+921,05	446+1,05	183.573,3283	8.276.846,6571	923,216m	924,680m	
8+940,00	447	183.578,8123	8.276.828,5131	922,353m	924,805m	PTV
8+940,00	447	183.578,8123	8.276.828,5131	922,353m	924,805m	
8+945,50	447+5,50	183.580,4036	8.276.823,2484	922,691m	924,877m	PCV
8+960,00	448	183.584,5988	8.276.809,3685	922,954m	925,130m	
8+980,00	449	183.590,3853	8.276.790,2239	923,689m	925,680m	
8+985,50	449+5,50	183.591,9766	8.276.784,9591	923,825m	925,872m	PIV
9+000,00	450	183.596,1717	8.276.771,0793	924,877m	926,464m	
9+020,00	451	183.601,9582	8.276.751,9346	926,468m	927,482m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
9+025,50	451+5,50	183.603,5495	8.276.746,6699	926,954m	927,803m	PTV
9+040,00	452	183.607,7447	8.276.732,7900	928,100m	928,672m	
9+060,00	453	183.613,5312	8.276.713,6454	929,633m	929,871m	
9+080,00	454	183.619,3177	8.276.694,5008	930,944m	931,071m	
9+100,00	455	183.625,1041	8.276.675,3561	932,206m	932,270m	
9+120,00	456	183.630,8906	8.276.656,2115	933,513m	933,469m	
9+140,00	457	183.636,6771	8.276.637,0669	935,154m	934,669m	
9+160,00	458	183.642,4636	8.276.617,9223	936,792m	935,868m	
9+180,00	459	183.648,2501	8.276.598,7776	938,455m	937,067m	
9+190,00	459+10,00	183.651,1433	8.276.589,2053	939,325m	937,667m	PCV
9+190,27	459+10,27	183.651,2213	8.276.588,9473	939,348m	937,683m	TE
9+200,00	460	183.654,0387	8.276.579,6337	940,139m	938,288m	
9+210,00	460+10,00	183.656,9477	8.276.570,0661	940,685m	938,952m	PTV
9+220,00	461	183.659,8844	8.276.560,5071	941,370m	939,638m	
9+240,00	462	183.665,8963	8.276.541,4321	942,377m	941,010m	
9+260,00	463	183.672,1852	8.276.522,4469	943,609m	942,382m	
9+269,00	463+9,00	183.675,1348	8.276.513,9440	944,236m	943,000m	PCV
9+280,00	464	183.678,8604	8.276.503,5942	945,057m	943,715m	
9+280,27	464+0,27	183.678,9534	8.276.503,3413	945,075m	943,731m	EC
9+294,00	464+14,00	183.683,8141	8.276.490,5001	945,962m	944,510m	PIV
9+300,00	465	183.686,0109	8.276.484,9168	946,442m	944,812m	
9+319,00	465+19,00	183.693,2575	8.276.467,3535	947,676m	945,613m	PTV
9+320,00	466	183.693,6511	8.276.466,4342	947,727m	945,649m	
9+330,50	466+10,50	183.697,8564	8.276.456,8132	948,251m	946,027m	PCV
9+340,00	467	183.701,7755	8.276.448,1594	948,619m	946,341m	
9+360,00	468	183.710,3787	8.276.430,1049	949,145m	946,823m	
9+380,00	469	183.719,4545	8.276.412,2834	948,857m	947,062m	
9+389,70	469+9,70	183.724,0245	8.276.403,7279	948,835m	947,091m	PB
9+389,96	469+9,96	183.724,1486	8.276.403,4991	948,839m	947,091m	CE
9+393,00	469+13,00	183.725,6043	8.276.400,8302	948,867m	947,088m	PIV
9+400,00	470	183.728,9946	8.276.394,7060	948,801m	947,059m	
9+420,00	471	183.738,9415	8.276.377,3554	948,270m	946,812m	
9+440,00	472	183.749,1916	8.276.360,1819	947,505m	946,323m	
9+455,50	472+15,50	183.757,2784	8.276.346,9587	946,399m	945,776m	PTV
9+460,00	473	183.759,6420	8.276.343,1294	946,061m	945,596m	
9+479,96	473+19,96	183.770,1707	8.276.326,1723	943,920m	944,799m	ET
9+480,00	474	183.770,1918	8.276.326,1383	943,920m	944,797m	
9+500,00	475	183.780,7582	8.276.309,1573	942,733m	943,901m	
9+520,00	476	183.791,3245	8.276.292,1764	941,362m	942,811m	
9+540,00	477	183.801,8909	8.276.275,1954	940,268m	941,624m	
9+560,00	478	183.812,4572	8.276.258,2145	939,409m	940,437m	
9+580,00	479	183.823,0236	8.276.241,2335	938,588m	939,250m	
9+600,00	480	183.833,5899	8.276.224,2526	937,379m	938,062m	
9+620,00	481	183.844,1562	8.276.207,2717	936,508m	936,875m	
9+627,50	481+7,50	183.848,1186	8.276.200,9038	936,552m	936,430m	PCV
9+640,00	482	183.854,7226	8.276.190,2907	937,225m	935,709m	
9+647,50	482+7,50	183.858,6850	8.276.183,9229	937,367m	935,295m	PIV
9+660,00	483	183.865,2889	8.276.173,3098	936,160m	934,638m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
9+667,50	483+7,50	183.869,2513	8.276.166,9419	935,383m	934,263m	PTV
9+675,63	483+15,63	183.873,5444	8.276.160,0426	933,778m	933,865m	PCV
9+676,88	483+16,88	183.874,2051	8.276.158,9807	933,547m	933,816m	PC
9+678,13	483+18,13	183.875,2083	8.276.158,2978	932,868m	933,792m	PIV
9+678,73	483+18,73	183.875,8052	8.276.158,3092	932,783m	933,789m	
9+679,23	483+19,23	183.876,2712	8.276.158,4996	932,802m	933,791m	PT
9+680,00	484	183.876,9225	8.276.158,9049	932,838m	933,802m	
9+680,63	484+0,63	183.877,4540	8.276.159,2356	932,848m	933,818m	PTV
9+684,23	484+4,23	183.880,5169	8.276.161,1415	932,816m	933,926m	PCV
9+686,73	484+6,73	183.882,6395	8.276.162,4623	932,819m	933,963m	PIV
9+686,73	484+6,73	183.882,6395	8.276.162,4623	932,819m	933,963m	PB
9+689,23	484+9,23	183.884,7621	8.276.163,7831	932,823m	933,926m	PTV
9+693,68	484+13,68	183.888,5346	8.276.166,1305	932,794m	933,793m	PIV
9+694,23	484+14,23	183.889,0074	8.276.166,4247	932,945m	933,768m	PC
9+696,59	484+16,59	183.891,0734	8.276.165,9436	932,980m	933,664m	PT
9+700,00	485	183.892,8752	8.276.163,0480	932,839m	933,514m	
9+710,09	485+10,09	183.898,2057	8.276.154,4815	932,421m	933,070m	PCV
9+715,09	485+15,09	183.900,8473	8.276.150,2363	932,214m	932,857m	PIV
9+720,00	486	183.903,4416	8.276.146,0671	931,993m	932,663m	
9+720,09	486+0,09	183.903,4889	8.276.145,9910	931,988m	932,659m	PTV
9+735,00	486+15,00	183.911,3663	8.276.133,3314	931,274m	932,092m	PCV
9+740,00	487	183.914,0079	8.276.129,0862	931,034m	931,907m	
9+740,00	487	183.914,0079	8.276.129,0862	931,034m	931,907m	PIV
9+745,00	487+5,00	183.916,6495	8.276.124,8410	930,795m	931,732m	PTV
9+760,00	488	183.924,5743	8.276.112,1053	930,056m	931,223m	
9+780,00	489	183.935,1407	8.276.095,1243	929,401m	930,545m	
9+800,00	490	183.945,7071	8.276.078,1434	928,746m	929,866m	
9+820,00	491	183.956,2734	8.276.061,1625	928,016m	929,187m	
9+840,00	492	183.966,8398	8.276.044,1816	927,367m	928,508m	
9+850,00	492+10,00	183.972,1230	8.276.035,6911	926,954m	928,169m	PCV
9+860,00	493	183.977,4062	8.276.027,2006	926,541m	927,820m	
9+880,00	494	183.987,9725	8.276.010,2197	925,714m	927,068m	
9+881,22	494+1,22	183.988,6147	8.276.009,1877	925,664m	927,020m	
9+900,00	495	183.998,6185	8.275.993,2886	924,859m	926,243m	
9+901,83	495+1,83	183.999,5929	8.275.991,7400	924,786m	926,163m	TE
9+910,00	495+10,00	184.003,9528	8.275.984,8302	924,461m	925,802m	PTV
9+920,00	496	184.009,3651	8.275.976,4215	924,005m	925,353m	
9+929,50	496+9,50	184.014,6642	8.275.968,5371	923,518m	924,925m	PCV
9+940,00	497	184.020,7940	8.275.960,0129	923,007m	924,389m	
9+944,50	497+4,50	184.023,5321	8.275.956,4419	922,930m	924,120m	PIV
9+959,50	497+19,50	184.033,2502	8.275.945,0216	922,133m	923,051m	PTV
9+960,00	498	184.033,5915	8.275.944,6562	922,213m	923,011m	
9+973,11	498+13,11	184.042,9834	8.275.935,5231	921,488m	921,962m	PCV
9+978,11	498+18,11	184.046,8034	8.275.932,2977	921,235m	921,582m	PIV
9+980,00	499	184.048,2862	8.275.931,1184	921,119m	921,447m	
9+981,83	499+1,83	184.049,7367	8.275.930,0033	921,007m	921,323m	EC
9+983,11	499+3,11	184.050,7590	8.275.929,2400	920,930m	921,240m	PTV
10+000,00	500	184.065,0663	8.275.920,2861	919,778m	920,151m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
10+020,00	501	184.083,5221	8.275.912,6511	918,508m	918,862m	
10+040,00	502	184.103,0508	8.275.908,4631	917,317m	917,573m	
10+054,39	502+14,39	184.117,4066	8.275.907,6633	916,398m	916,645m	PCV
10+055,66	502+15,66	184.118,6822	8.275.907,6827	916,305m	916,565m	CE
10+059,39	502+19,39	184.122,4036	8.275.907,8227	916,026m	916,350m	PIV
10+060,00	503	184.123,0144	8.275.907,8573	915,980m	916,318m	
10+064,39	503+4,39	184.127,3892	8.275.908,1974	915,644m	916,110m	PTV
10+080,00	504	184.142,8081	8.275.910,5907	914,629m	915,443m	
10+085,00	504+5,00	184.147,6841	8.275.911,6965	914,307m	915,230m	PCV
10+090,00	504+10,00	184.152,5265	8.275.912,9415	914,025m	914,994m	PIV
10+095,00	504+15,00	184.157,3351	8.275.914,3112	913,920m	914,714m	PTV
10+100,00	505	184.162,1110	8.275.915,7911	913,664m	914,411m	
10+120,00	506	184.180,9376	8.275.922,5324	912,722m	913,202m	
10+135,66	506+15,66	184.195,4936	8.275.928,3187	911,752m	912,254m	ET
10+140,00	507	184.199,5154	8.275.929,9390	911,464m	911,992m	
10+156,28	507+16,28	184.214,6142	8.275.936,0221	910,398m	911,007m	
10+160,00	508	184.218,0594	8.275.937,4301	910,170m	910,782m	
10+178,00	508+18,00	184.234,7215	8.275.944,2401	908,975m	909,693m	PCV
10+180,00	509	184.236,5729	8.275.944,9967	908,842m	909,573m	
10+195,33	509+15,33	184.250,7610	8.275.950,7955	907,825m	908,717m	
10+200,00	510	184.255,0774	8.275.952,5849	907,530m	908,478m	
10+220,00	511	184.273,5528	8.275.960,2439	906,204m	907,572m	
10+223,00	511+3,00	184.276,3241	8.275.961,3928	906,080m	907,452m	PIV
10+240,00	512	184.292,0281	8.275.967,9029	905,439m	906,856m	
10+255,74	512+15,74	184.306,5699	8.275.973,9313	904,990m	906,427m	TE
10+260,00	513	184.310,5023	8.275.975,5648	905,091m	906,331m	
10+268,00	513+8,00	184.317,8654	8.275.978,6926	905,041m	906,174m	PTV
10+272,50	513+12,50	184.321,9777	8.275.980,5198	904,957m	906,094m	PCV
10+277,50	513+17,50	184.326,5074	8.275.982,6367	904,799m	905,987m	PIV
10+280,00	514	184.328,7522	8.275.983,7371	904,710m	905,919m	
10+282,50	514+2,50	184.330,9809	8.275.984,8696	904,618m	905,842m	PTV
10+295,74	514+15,74	184.342,4225	8.275.991,5233	905,760m	905,409m	EC
10+300,00	515	184.345,9302	8.275.993,9372	906,133m	905,270m	
10+305,88	515+5,88	184.350,6096	8.275.997,5005	906,173m	905,077m	PCV
10+308,38	515+8,38	184.352,5369	8.275.999,0928	906,267m	905,009m	PIV
10+310,88	515+10,88	184.354,4258	8.276.000,7304	906,395m	904,968m	PTV
10+314,87	515+14,87	184.357,3601	8.276.003,4367	906,674m	904,923m	PCV
10+317,37	515+17,37	184.359,1448	8.276.005,1873	906,894m	904,909m	PIV
10+317,55	515+17,55	184.359,2674	8.276.005,3106	906,911m	904,908m	
10+319,87	515+19,87	184.360,8875	8.276.006,9797	907,149m	904,920m	PTV
10+320,00	516	184.360,9739	8.276.007,0708	907,162m	904,921m	
10+330,26	516+10,26	184.367,6558	8.276.014,8497	907,128m	905,020m	CE
10+340,00	517	184.373,3034	8.276.022,7834	906,355m	905,115m	
10+347,00	517+7,00	184.377,0024	8.276.028,7256	905,784m	905,182m	PCV
10+349,84	517+9,84	184.378,4346	8.276.031,1808	905,726m	905,196m	PB
10+350,00	517+10,00	184.378,5130	8.276.031,3175	905,731m	905,196m	PIV
10+353,00	517+13,00	184.379,9861	8.276.033,9309	905,255m	905,179m	PTV
10+360,00	518	184.383,3075	8.276.040,0926	904,612m	905,104m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
10+370,26	518+10,26	184.388,0050	8.276.049,2125	903,956m	904,993m	ET
10+375,64	518+15,64	184.390,4494	8.276.054,0070	902,989m	904,936m	TE
10+377,51	518+17,51	184.391,2972	8.276.055,6695	903,057m	904,916m	PCV
10+380,00	519	184.392,4310	8.276.057,8902	903,148m	904,901m	
10+380,01	519+0,01	184.392,4340	8.276.057,8961	903,149m	904,901m	PIV
10+380,33	519+0,33	184.392,5824	8.276.058,1864	903,161m	904,900m	
10+382,51	519+2,51	184.393,5736	8.276.060,1212	903,241m	904,909m	PTV
10+400,00	520	184.401,7587	8.276.075,5808	903,821m	905,054m	
10+420,00	521	184.412,0581	8.276.092,7189	904,542m	905,220m	
10+432,00	521+12,00	184.419,0064	8.276.102,4996	904,774m	905,319m	PCV
10+439,99	521+19,99	184.424,0339	8.276.108,7069	904,752m	905,352m	PB
10+440,00	522	184.424,0412	8.276.108,7153	904,752m	905,352m	
10+445,64	522+5,64	184.427,8047	8.276.112,9160	904,735m	905,335m	EC
10+452,00	522+12,00	184.432,2684	8.276.117,4449	904,682m	905,277m	PIV
10+460,00	523	184.438,2021	8.276.122,8085	904,495m	905,144m	
10+472,00	523+12,00	184.447,7175	8.276.130,1123	904,164m	904,821m	PTV
10+480,00	524	184.454,4328	8.276.134,4578	903,911m	904,556m	
10+485,50	524+5,50	184.459,2051	8.276.137,1910	903,722m	904,374m	PCV
10+500,00	525	184.472,3179	8.276.143,3609	903,259m	903,844m	
10+508,00	525+8,00	184.479,8331	8.276.146,0994	902,963m	903,509m	PIV
10+520,00	526	184.491,3967	8.276.149,2887	902,362m	902,950m	
10+530,50	526+10,50	184.501,7263	8.276.151,1551	901,979m	902,405m	PTV
10+540,00	527	184.511,1780	8.276.152,0884	901,472m	901,889m	
10+560,00	528	184.531,1525	8.276.151,6881	900,605m	900,802m	
10+580,00	529	184.550,8058	8.276.148,0979	899,017m	899,715m	
10+580,34	529+0,34	184.551,1342	8.276.148,0097	898,902m	899,697m	CE
10+600,00	530	184.569,6850	8.276.141,5454	894,988m	898,628m	
10+606,00	530+6,00	184.575,1728	8.276.139,1203	894,523m	898,302m	PCV
10+620,00	531	184.587,6911	8.276.132,8567	893,433m	897,629m	
10+640,00	532	184.605,0537	8.276.122,9336	892,782m	896,973m	
10+648,50	532+8,50	184.612,3338	8.276.118,5461	892,542m	896,803m	PIV
10+650,34	532+10,34	184.613,9075	8.276.117,5925	892,493m	896,775m	ET
10+660,00	533	184.622,1686	8.276.112,5857	892,238m	896,676m	
10+666,56	533+6,56	184.627,7746	8.276.109,1882	892,064m	896,657m	
10+679,84	533+19,84	184.639,1354	8.276.102,3029	894,809m	896,736m	
10+680,00	534	184.639,2730	8.276.102,2204	894,853m	896,738m	
10+691,00	534+11,00	184.648,7086	8.276.096,5662	894,049m	896,925m	PTV
10+700,00	535	184.656,4286	8.276.091,9401	893,636m	897,122m	
10+702,50	535+2,50	184.658,5730	8.276.090,6550	893,282m	897,177m	PCV
10+720,00	536	184.673,5842	8.276.081,6597	894,010m	897,660m	PIV
10+720,00	536	184.673,5842	8.276.081,6597	894,010m	897,660m	
10+737,50	536+17,50	184.688,5953	8.276.072,6644	896,040m	898,340m	PTV
10+740,00	537	184.690,7398	8.276.071,3794	896,353m	898,451m	
10+747,50	537+7,50	184.697,1731	8.276.067,5242	897,294m	898,785m	PCV
10+752,50	537+12,50	184.701,4620	8.276.064,9541	897,921m	899,023m	PIV
10+754,95	537+14,95	184.703,5621	8.276.063,6957	898,228m	899,150m	
10+757,50	537+17,50	184.705,7509	8.276.062,3840	898,548m	899,291m	PTV
10+760,00	538	184.707,8954	8.276.061,0990	898,784m	899,433m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
10+765,00	538+5,00	184.712,1843	8.276.058,5289	899,223m	899,716m	PCV
10+770,00	538+10,00	184.716,4732	8.276.055,9588	899,742m	899,989m	PIV
10+775,00	538+15,00	184.720,7621	8.276.053,3887	900,309m	900,241m	PTV
10+777,50	538+17,50	184.722,9065	8.276.052,1037	900,593m	900,361m	PCV
10+780,00	539	184.725,0510	8.276.050,8186	900,876m	900,479m	
10+784,20	539+4,20	184.728,6558	8.276.048,6585	901,353m	900,668m	TE
10+800,00	540	184.742,2326	8.276.040,5820	903,122m	901,261m	
10+810,00	540+10,00	184.750,8967	8.276.035,5890	904,291m	901,542m	PIV
10+820,00	541	184.759,6587	8.276.030,7700	904,318m	901,750m	
10+840,00	542	184.777,5990	8.276.021,9394	908,106m	901,947m	
10+842,50	542+2,50	184.779,8879	8.276.020,9340	908,287m	901,951m	PTV
10+860,00	543	184.796,2300	8.276.014,6911	905,928m	901,964m	
10+861,44	543+1,44	184.797,6013	8.276.014,2468	905,640m	901,964m	PB
10+864,20	543+4,20	184.800,2385	8.276.013,4292	905,302m	901,962m	EC
10+880,00	544	184.815,5647	8.276.009,6254	905,968m	901,877m	
10+900,00	545	184.835,3769	8.276.006,9859	905,746m	901,588m	
10+910,00	545+10,00	184.845,3674	8.276.006,5904	905,362m	901,368m	PIV
10+920,00	546	184.855,3633	8.276.006,8138	904,996m	901,097m	
10+927,92	546+7,92	184.863,2626	8.276.007,4300	904,769m	900,847m	CE
10+940,00	547	184.875,2216	8.276.009,0894	904,211m	900,404m	
10+960,00	548	184.894,7377	8.276.013,4315	903,013m	899,508m	
10+980,00	549	184.913,8819	8.276.019,2092	901,394m	898,511m	
10+987,50	549+7,50	184.920,9838	8.276.021,6200	901,150m	898,138m	PCV
11+000,00	550	184.932,7607	8.276.025,8095	900,281m	897,483m	PIV
11+000,00	550	184.932,7607	8.276.025,8095	900,281m	897,483m	
11+007,92	550+7,92	184.940,2064	8.276.028,5210	900,423m	897,036m	ET
11+012,50	550+12,50	184.944,5049	8.276.030,0903	900,213m	896,767m	PTV
11+020,00	551	184.951,5500	8.276.032,6624	899,761m	896,318m	
11+032,52	551+12,52	184.963,3084	8.276.036,9553	898,899m	895,569m	
11+040,00	552	184.970,3371	8.276.039,5214	898,485m	895,122m	
11+060,00	553	184.989,1242	8.276.046,3803	896,951m	893,925m	
11+080,00	554	185.007,9113	8.276.053,2393	895,417m	892,729m	
11+100,00	555	185.026,6984	8.276.060,0983	893,057m	891,532m	
11+120,00	556	185.045,4854	8.276.066,9573	891,663m	890,336m	
11+140,00	557	185.064,2725	8.276.073,8162	890,281m	889,139m	
11+160,00	558	185.083,0596	8.276.080,6752	888,876m	887,943m	
11+180,00	559	185.101,8467	8.276.087,5342	887,945m	886,746m	
11+200,00	560	185.120,6338	8.276.094,3931	886,153m	885,550m	
11+202,59	560+2,59	185.123,0661	8.276.095,2812	886,027m	885,395m	PC
11+204,95	560+4,95	185.124,9922	8.276.094,3792	885,947m	885,254m	PT
11+218,94	560+18,94	185.129,7196	8.276.081,2179	887,590m	884,417m	PC
11+220,00	561	185.130,3887	8.276.080,4217	888,656m	884,354m	
11+221,05	561+1,05	185.131,4028	8.276.080,2497	889,137m	884,291m	PCV
11+221,30	561+1,30	185.131,6457	8.276.080,3159	889,135m	884,276m	PT
11+240,00	562	185.149,2098	8.276.086,7284	887,138m	883,283m	
11+260,00	563	185.167,9969	8.276.093,5874	885,001m	882,494m	
11+261,05	563+1,05	185.168,9831	8.276.093,9474	884,889m	882,460m	PIV
11+280,00	564	185.186,7840	8.276.100,4464	883,112m	881,985m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
11+300,00	565	185.205,5710	8.276.107,3053	882,344m	881,758m	
11+301,05	565+1,05	185.206,5572	8.276.107,6654	882,280m	881,753m	PTV
11+320,00	566	185.224,3581	8.276.114,1643	881,803m	881,685m	
11+340,00	567	185.243,1452	8.276.121,0233	881,130m	881,613m	
11+354,60	567+14,60	185.256,8578	8.276.126,0296	871,462m	881,560m	
11+360,00	568	185.261,9415	8.276.127,8568	871,263m	881,541m	
11+380,00	569	185.280,7626	8.276.134,6218	881,468m	881,469m	
11+380,00	569	185.280,7626	8.276.134,6218	881,468m	881,469m	PCV
11+385,14	569+5,14	185.285,5997	8.276.136,3604	881,689m	881,459m	
11+400,00	570	185.299,5838	8.276.141,3867	882,331m	881,537m	
11+400,00	570	185.299,5838	8.276.141,3867	882,331m	881,537m	PIV
11+406,23	570+6,23	185.305,4452	8.276.143,4936	883,929m	881,615m	PC
11+420,00	571	185.318,6351	8.276.147,4291	886,760m	881,886m	
11+420,00	571	185.318,6351	8.276.147,4291	886,760m	881,886m	PTV
11+434,00	571+14,00	185.332,4045	8.276.149,9188	888,932m	882,228m	PCV
11+440,00	572	185.338,3746	8.276.150,5111	889,742m	882,389m	
11+460,00	573	185.358,3530	8.276.150,4089	895,241m	883,117m	
11+464,00	573+4,00	185.362,3324	8.276.150,0051	896,708m	883,298m	PIV
11+480,00	574	185.378,0599	8.276.147,1250	899,356m	884,144m	
11+494,00	574+14,00	185.391,4230	8.276.142,9750	899,476m	885,041m	PTV
11+500,00	575	185.396,9920	8.276.140,7434	899,067m	885,457m	
11+520,00	576	185.414,6655	8.276.131,4272	897,317m	886,843m	
11+540,00	577	185.430,6291	8.276.119,4141	895,745m	888,229m	
11+550,00	577+10,00	185.437,8402	8.276.112,4898	895,329m	888,965m	PIV
11+560,00	578	185.444,4748	8.276.105,0113	895,108m	889,787m	
11+572,50	578+12,50	185.451,8933	8.276.094,9571	897,081m	890,868m	PCV
11+580,00	579	185.455,8491	8.276.088,5865	896,861m	891,505m	
11+600,00	580	185.464,4613	8.276.070,5594	895,253m	893,096m	
11+610,00	580+10,00	185.467,6600	8.276.061,0876	895,637m	893,833m	PIV
11+610,75	580+10,75	185.467,8694	8.276.060,3668	895,665m	893,887m	PT
11+620,00	581	185.470,4226	8.276.051,4767	896,001m	894,530m	
11+640,00	582	185.475,9434	8.276.032,2538	896,894m	895,806m	
11+647,50	582+7,50	185.478,0138	8.276.025,0452	897,472m	896,244m	PTV
11+650,00	582+10,00	185.478,7039	8.276.022,6424	897,665m	896,386m	PCV
11+660,00	583	185.481,4643	8.276.013,0309	898,064m	896,937m	
11+661,15	583+1,15	185.481,7814	8.276.011,9267	898,112m	896,998m	
11+680,00	584	185.486,9852	8.275.993,8080	898,707m	897,930m	
11+700,00	585	185.492,5060	8.275.974,5851	899,209m	898,777m	
11+720,00	586	185.498,0269	8.275.955,3622	899,712m	899,480m	
11+740,00	587	185.503,5477	8.275.936,1393	899,133m	900,037m	
11+750,00	587+10,00	185.506,3081	8.275.926,5278	900,185m	900,261m	PTV
11+760,00	588	185.509,0686	8.275.916,9164	900,720m	900,467m	
11+780,00	589	185.514,5894	8.275.897,6935	901,484m	900,879m	
11+799,71	589+19,71	185.520,0303	8.275.878,7490	902,150m	901,285m	TE
11+800,00	590	185.520,1103	8.275.878,4706	902,159m	901,291m	
11+809,00	590+9,00	185.522,5960	8.275.869,8206	902,457m	901,477m	PCV
11+820,00	591	185.525,6452	8.275.859,2517	902,819m	901,734m	
11+840,00	592	185.531,2621	8.275.840,0567	903,500m	902,361m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
11+844,00	592+4,00	185.532,4025	8.275.836,2227	903,618m	902,511m	PIV
11+860,00	593	185.537,0416	8.275.820,9100	903,772m	903,192m	
11+879,00	593+19,00	185.542,7554	8.275.802,7897	903,919m	904,171m	PTV
11+880,00	594	185.543,0635	8.275.801,8384	903,989m	904,228m	
11+900,00	595	185.549,4067	8.275.782,8712	905,214m	905,355m	
11+920,00	596	185.556,1488	8.275.764,0424	905,965m	906,483m	
11+940,00	597	185.563,3652	8.275.745,3903	907,057m	907,610m	
11+946,50	597+6,50	185.565,8250	8.275.739,3738	907,429m	907,977m	PCV
11+950,80	597+10,80	185.567,4849	8.275.735,4078	907,676m	908,211m	EC
11+951,50	597+11,50	185.567,7580	8.275.734,7625	907,717m	908,248m	PIV
11+956,50	597+16,50	185.569,7275	8.275.730,1668	908,008m	908,497m	PTV
11+960,00	598	185.571,1278	8.275.726,9591	908,163m	908,664m	
11+980,00	599	185.579,4704	8.275.708,7831	909,045m	909,618m	
12+000,00	600	185.588,3865	8.275.690,8815	910,125m	910,572m	
12+020,00	601	185.597,8673	8.275.673,2724	910,681m	911,527m	
12+040,00	602	185.607,9032	8.275.655,9736	911,558m	912,481m	
12+060,00	603	185.618,4838	8.275.639,0025	912,746m	913,435m	
12+080,00	604	185.629,5987	8.275.622,3765	914,077m	914,389m	
12+100,00	605	185.641,2365	8.275.606,1122	915,413m	915,343m	
12+120,00	606	185.653,3855	8.275.590,2261	916,666m	916,298m	
12+140,00	607	185.666,0334	8.275.574,7342	917,632m	917,252m	
12+160,00	608	185.679,1674	8.275.559,6523	918,976m	918,206m	
12+180,00	609	185.692,7742	8.275.544,9955	920,119m	919,160m	
12+200,00	610	185.706,8401	8.275.530,7788	920,911m	920,114m	
12+220,00	611	185.721,3509	8.275.517,0164	921,881m	921,068m	
12+240,00	612	185.736,2919	8.275.503,7222	922,599m	922,023m	
12+244,50	612+4,50	185.739,7113	8.275.500,7970	922,765m	922,237m	PCV
12+249,50	612+9,50	185.743,5352	8.275.497,5755	922,949m	922,465m	PIV
12+249,95	612+9,95	185.743,8801	8.275.497,2874	922,966m	922,485m	CE
12+254,50	612+14,50	185.747,3844	8.275.494,3843	923,133m	922,673m	PTV
12+260,00	613	185.751,6468	8.275.490,9084	923,336m	922,890m	
12+280,00	614	185.767,3743	8.275.478,5545	923,727m	923,678m	
12+300,00	615	185.783,4115	8.275.466,6050	924,760m	924,466m	
12+320,00	616	185.799,6992	8.275.454,9991	925,422m	925,254m	
12+335,00	616+15,00	185.812,0463	8.275.446,4816	926,232m	925,845m	PCV
12+340,00	617	185.816,1827	8.275.443,6726	926,497m	926,053m	PIV
12+340,00	617	185.816,1827	8.275.443,6726	926,497m	926,053m	
12+345,00	617+5,00	185.820,3280	8.275.440,8768	926,712m	926,282m	PTV
12+360,00	618	185.832,8103	8.275.432,5587	927,364m	927,002m	
12+380,00	619	185.849,5333	8.275.421,5888	928,300m	927,963m	
12+395,00	619+15,00	185.862,1099	8.275.413,4139	929,051m	928,683m	PCV
12+400,00	620	185.866,3048	8.275.410,6930	929,299m	928,924m	
12+401,04	620+1,04	185.867,1760	8.275.410,1280	929,350m	928,974m	ET
12+405,00	620+5,00	185.870,4999	8.275.407,9725	929,531m	929,166m	PTV
12+420,00	621	185.883,0851	8.275.399,8110	930,212m	929,893m	
12+440,00	622	185.899,8655	8.275.388,9289	931,069m	930,862m	
12+457,50	622+17,50	185.914,5483	8.275.379,4071	932,286m	931,710m	PCV
12+460,00	623	185.916,6458	8.275.378,0468	932,392m	931,831m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
12+480,00	624	185.933,4262	8.275.367,1647	933,035m	932,777m	
12+487,50	624+7,50	185.939,7188	8.275.363,0840	933,236m	933,123m	PIV
12+500,00	625	185.950,2066	8.275.356,2827	933,712m	933,688m	
12+517,50	625+17,50	185.964,8894	8.275.346,7608	934,909m	934,455m	PTV
12+518,00	625+18,00	185.965,3089	8.275.346,4888	934,953m	934,476m	PCV
12+520,00	626	185.966,9869	8.275.345,4006	935,079m	934,562m	
12+540,00	627	185.983,7673	8.275.334,5185	936,348m	935,397m	
12+560,00	628	186.000,5476	8.275.323,6364	937,277m	936,186m	
12+563,00	628+3,00	186.003,0647	8.275.322,0041	937,370m	936,301m	PIV
12+580,00	629	186.017,3280	8.275.312,7544	936,916m	936,932m	
12+600,00	630	186.034,1084	8.275.301,8723	937,476m	937,633m	
12+608,00	630+8,00	186.040,8205	8.275.297,5195	937,709m	937,902m	PTV
12+612,50	630+12,50	186.044,5961	8.275.295,0710	937,845m	938,050m	PCV
12+620,00	631	186.050,8887	8.275.290,9902	938,060m	938,295m	
12+630,00	631+10,00	186.059,2789	8.275.285,5492	938,802m	938,609m	PIV
12+640,00	632	186.067,6691	8.275.280,1081	939,149m	938,911m	
12+647,50	632+7,50	186.073,9617	8.275.276,0274	939,078m	939,129m	PTV
12+659,73	632+19,73	186.084,2235	8.275.269,3726	939,485m	939,478m	TE
12+660,00	633	186.084,4494	8.275.269,2261	939,493m	939,485m	
12+672,50	633+12,50	186.094,9307	8.275.262,4148	939,871m	939,842m	PCV
12+680,00	634	186.101,2038	8.275.258,3042	939,990m	940,031m	
12+687,50	634+7,50	186.107,4555	8.275.254,1609	940,106m	940,168m	PTV
12+700,00	635	186.117,8047	8.275.247,1508	940,179m	940,353m	
12+710,00	635+10,00	186.125,9979	8.275.241,4176	940,246m	940,501m	PCV
12+719,19	635+19,19	186.133,4404	8.275.236,0254	940,437m	940,654m	EC
12+720,00	636	186.134,0911	8.275.235,5442	940,453m	940,669m	PIV
12+720,00	636	186.134,0911	8.275.235,5442	940,453m	940,669m	
12+730,00	636+10,00	186.142,0657	8.275.229,5108	940,688m	940,874m	PTV
12+732,45	636+12,45	186.144,0031	8.275.228,0059	940,748m	940,928m	PCV
12+740,00	637	186.149,9158	8.275.223,3162	940,854m	941,091m	
12+744,95	637+4,95	186.153,7569	8.275.220,1890	940,928m	941,191m	PIV
12+757,45	637+17,45	186.163,3086	8.275.212,1263	941,231m	941,418m	PTV
12+760,00	638	186.165,2293	8.275.210,4539	941,353m	941,461m	
12+772,02	638+12,02	186.174,1750	8.275.202,4285	941,419m	941,663m	PCV
12+780,00	639	186.180,0064	8.275.196,9786	941,488m	941,806m	
12+780,61	639+0,61	186.180,4510	8.275.196,5558	941,496m	941,818m	CE
12+782,02	639+2,02	186.181,4669	8.275.195,5856	941,514m	941,845m	PIV
12+792,02	639+12,02	186.188,6238	8.275.188,6016	941,666m	942,058m	PTV
12+800,00	640	186.194,2520	8.275.182,9421	941,785m	942,239m	
12+810,00	640+10,00	186.201,2169	8.275.175,7664	941,937m	942,466m	PCV
12+820,00	641	186.208,1074	8.275.168,5194	942,080m	942,658m	
12+820,00	641	186.208,1074	8.275.168,5194	942,080m	942,658m	PIV
12+830,00	641+10,00	186.214,9480	8.275.161,2251	942,176m	942,779m	PTV
12+840,00	642	186.221,7634	8.275.153,9073	942,209m	942,864m	
12+840,07	642+0,07	186.221,8135	8.275.153,8534	942,208m	942,865m	ET
12+843,50	642+3,50	186.224,1473	8.275.151,3447	942,181m	942,894m	PCV
12+860,00	643	186.235,3856	8.275.139,2637	942,224m	943,021m	
12+876,00	643+16,00	186.246,2834	8.275.127,5488	942,263m	943,117m	PIV

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
12+880,00	644	186.249,0078	8.275.124,6201	942,275m	943,136m	
12+900,00	645	186.262,6300	8.275.109,9765	942,386m	943,209m	
12+908,50	645+8,50	186.268,4195	8.275.103,7530	942,356m	943,227m	PTV
12+911,00	645+11,00	186.270,1222	8.275.101,9225	942,376m	943,231m	PCV
12+920,00	646	186.276,2522	8.275.095,3329	942,487m	943,242m	
12+926,81	646+6,81	186.280,8927	8.275.090,3445	942,615m	943,244m	PB
12+940,00	647	186.289,8744	8.275.080,6893	942,783m	943,235m	
12+960,00	648	186.303,4967	8.275.066,0457	942,784m	943,186m	
12+980,00	649	186.317,1189	8.275.051,4021	942,767m	943,095m	
12+996,00	649+16,00	186.328,0166	8.275.039,6872	942,988m	942,992m	PIV
13+000,00	650	186.330,7411	8.275.036,7584	943,109m	942,962m	
13+020,00	651	186.344,3633	8.275.022,1148	942,717m	942,788m	
13+040,00	652	186.357,9855	8.275.007,4712	942,912m	942,571m	
13+060,00	653	186.371,6077	8.274.992,8276	941,019m	942,311m	
13+080,00	654	186.385,2299	8.274.978,1840	940,697m	942,010m	
13+081,00	654+1,00	186.385,9110	8.274.977,4518	940,671m	941,994m	PTV
13+100,00	655	186.398,8521	8.274.963,5404	940,362m	941,686m	
13+120,00	656	186.412,4744	8.274.948,8968	940,381m	941,362m	
13+140,00	657	186.426,0966	8.274.934,2532	940,714m	941,038m	
13+160,00	658	186.439,7188	8.274.919,6096	939,491m	940,713m	
13+180,00	659	186.453,3410	8.274.904,9660	939,208m	940,389m	
13+200,00	660	186.466,9632	8.274.890,3223	938,751m	940,065m	
13+220,00	661	186.480,5854	8.274.875,6787	938,377m	939,741m	
13+240,00	662	186.494,2076	8.274.861,0351	938,172m	939,416m	
13+260,00	663	186.507,8299	8.274.846,3915	937,108m	939,092m	
13+280,00	664	186.521,4521	8.274.831,7479	937,232m	938,768m	
13+290,77	664+10,77	186.528,7893	8.274.823,8605	937,194m	938,593m	TE
13+300,00	665	186.535,0752	8.274.817,1052	937,115m	938,444m	
13+320,00	666	186.548,7271	8.274.802,4892	936,764m	938,119m	
13+340,00	667	186.562,4645	8.274.787,9537	936,329m	937,795m	
13+350,00	667+10,00	186.569,3833	8.274.780,7336	936,280m	937,654m	PIV
13+360,00	668	186.576,3449	8.274.773,5548	936,539m	937,553m	
13+380,00	669	186.590,4243	8.274.759,3504	936,453m	937,393m	
13+400,00	670	186.604,7559	8.274.745,4008	935,943m	937,233m	
13+420,00	671	186.619,3901	8.274.731,7692	935,931m	937,073m	
13+430,00	671+10,00	186.626,8354	8.274.725,0934	935,700m	936,992m	PCV
13+440,00	672	186.634,3732	8.274.718,5223	935,473m	936,892m	
13+441,81	672+1,81	186.635,7482	8.274.717,3446	935,432m	936,870m	EC
13+450,00	672+10,00	186.642,0081	8.274.712,0643	935,110m	936,752m	PIV
13+460,00	673	186.649,7402	8.274.705,7229	934,806m	936,571m	
13+470,00	673+10,00	186.657,5676	8.274.699,4995	934,760m	936,351m	PTV
13+480,00	674	186.665,4885	8.274.693,3956	934,602m	936,110m	
13+500,00	675	186.681,6035	8.274.681,5519	934,234m	935,628m	
13+520,00	676	186.698,0706	8.274.670,2027	933,658m	935,147m	
13+530,00	676+10,00	186.706,4314	8.274.664,7168	933,251m	934,906m	PCV
13+540,00	677	186.714,8745	8.274.659,3583	932,826m	934,655m	
13+560,00	678	186.731,9996	8.274.649,0289	931,965m	934,095m	
13+580,00	679	186.749,4304	8.274.639,2239	931,355m	933,455m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
13+590,00	679+10,00	186.758,2553	8.274.634,5208	931,118m	933,105m	PIV
13+600,00	680	186.767,1506	8.274.629,9523	931,071m	932,735m	
13+613,24	680+13,24	186.779,0351	8.274.624,1110	929,579m	932,216m	CE
13+620,00	681	186.785,1438	8.274.621,2222	929,604m	931,937m	
13+640,00	682	186.803,3811	8.274.613,0137	930,376m	931,059m	
13+650,00	682+10,00	186.812,5771	8.274.609,0855	929,978m	930,591m	PTV
13+660,00	683	186.821,8177	8.274.605,2631	929,482m	930,112m	
13+680,00	684	186.840,4129	8.274.597,9005	929,117m	929,155m	
13+700,00	685	186.859,1301	8.274.590,8538	928,491m	928,199m	
13+710,00	685+10,00	186.868,5243	8.274.587,4259	927,980m	927,720m	PCV
13+720,00	686	186.877,9370	8.274.584,0494	927,439m	927,259m	
13+740,00	687	186.896,8036	8.274.577,4125	926,571m	926,445m	
13+760,00	688	186.915,7025	8.274.570,8678	925,413m	925,772m	
13+764,28	688+4,28	186.919,7490	8.274.569,4717	925,237m	925,646m	ET
13+780,00	689	186.934,6091	8.274.564,3455	924,898m	925,241m	
13+800,00	690	186.953,5157	8.274.557,8233	924,241m	924,853m	
13+820,00	691	186.972,4223	8.274.551,3011	923,372m	924,606m	
13+840,00	692	186.991,3290	8.274.544,7789	923,278m	924,502m	
13+844,71	692+4,71	186.995,7789	8.274.543,2439	923,197m	924,498m	
13+860,00	693	187.010,2356	8.274.538,2567	923,790m	924,539m	
13+880,00	694	187.029,1423	8.274.531,7345	924,088m	924,719m	
13+900,00	695	187.048,0489	8.274.525,2124	924,329m	925,041m	
13+920,00	696	187.066,9555	8.274.518,6902	925,002m	925,504m	
13+930,00	696+10,00	187.076,4089	8.274.515,4291	925,693m	925,790m	PTV
13+940,00	697	187.085,8622	8.274.512,1680	925,964m	926,092m	
13+960,00	698	187.104,7688	8.274.505,6458	926,633m	926,698m	
13+980,00	699	187.123,6755	8.274.499,1236	927,345m	927,304m	
14+000,00	700	187.142,5821	8.274.492,6014	928,191m	927,910m	
14+020,00	701	187.161,4887	8.274.486,0792	928,795m	928,516m	
14+040,00	702	187.180,3954	8.274.479,5570	929,466m	929,122m	
14+060,00	703	187.199,3020	8.274.473,0348	930,036m	929,728m	
14+080,00	704	187.218,2086	8.274.466,5126	930,628m	930,334m	
14+100,00	705	187.237,1153	8.274.459,9904	931,140m	930,939m	
14+120,00	706	187.256,0219	8.274.453,4682	931,698m	931,545m	
14+140,00	707	187.274,9286	8.274.446,9461	932,086m	932,151m	
14+153,81	707+13,81	187.287,9851	8.274.442,4420	932,524m	932,570m	PCV
14+160,00	708	187.293,8352	8.274.440,4239	932,724m	932,749m	
14+180,00	709	187.312,7418	8.274.433,9017	933,118m	933,221m	
14+200,00	710	187.331,6485	8.274.427,3795	933,628m	933,528m	
14+220,00	711	187.350,5551	8.274.420,8573	933,997m	933,669m	
14+227,07	711+7,07	187.357,2422	8.274.418,5505	934,042m	933,679m	PB
14+240,00	712	187.369,4618	8.274.414,3351	934,087m	933,645m	
14+260,00	713	187.388,3684	8.274.407,8129	933,875m	933,455m	
14+273,81	713+13,81	187.401,4250	8.274.403,3088	933,481m	933,228m	PIV
14+280,00	714	187.407,2750	8.274.401,2907	933,304m	933,100m	
14+300,00	715	187.426,1817	8.274.394,7685	932,984m	932,580m	
14+320,00	716	187.445,0883	8.274.388,2463	932,161m	931,894m	
14+340,00	717	187.463,9950	8.274.381,7241	931,263m	931,043m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
14+360,00	718	187.482,9016	8.274.375,2020	930,199m	930,026m	
14+380,00	719	187.501,8082	8.274.368,6798	929,055m	928,844m	
14+393,81	719+13,81	187.514,8648	8.274.364,1757	928,374m	927,931m	PTV
14+400,00	720	187.520,7149	8.274.362,1576	928,084m	927,505m	
14+420,00	721	187.539,6215	8.274.355,6354	925,906m	926,126m	
14+440,00	722	187.558,5282	8.274.349,1132	924,579m	924,747m	
14+460,00	723	187.577,4348	8.274.342,5910	923,425m	923,368m	
14+480,00	724	187.596,3414	8.274.336,0688	922,521m	921,989m	
14+500,00	725	187.615,2481	8.274.329,5466	920,669m	920,610m	
14+520,00	726	187.634,1547	8.274.323,0244	919,494m	919,231m	
14+540,00	727	187.653,0614	8.274.316,5022	917,450m	917,853m	
14+560,00	728	187.671,9680	8.274.309,9800	915,884m	916,474m	
14+580,00	729	187.690,8746	8.274.303,4579	914,840m	915,095m	
14+580,00	729	187.690,8784	8.274.303,4566	914,840m	915,094m	PCV
14+600,00	730	187.709,7813	8.274.296,9357	913,797m	913,831m	
14+620,00	731	187.728,6879	8.274.290,4135	912,754m	912,797m	
14+640,00	732	187.747,5946	8.274.283,8913	911,832m	911,993m	
14+660,00	733	187.766,5012	8.274.277,3691	910,977m	911,418m	
14+680,00	734	187.785,4078	8.274.270,8469	910,241m	911,074m	
14+680,00	734	187.785,4116	8.274.270,8456	910,241m	911,074m	PIV
14+699,95	734+19,95	187.804,2715	8.274.264,3395	910,764m	910,960m	
14+700,00	735	187.804,3145	8.274.264,3247	910,764m	910,960m	
14+720,00	736	187.823,2211	8.274.257,8025	910,862m	911,075m	
14+740,00	737	187.842,1278	8.274.251,2803	911,174m	911,420m	
14+760,00	738	187.861,0344	8.274.244,7581	911,684m	911,996m	
14+780,00	739	187.879,9410	8.274.238,2359	912,344m	912,801m	
14+780,00	739	187.879,9448	8.274.238,2346	912,344m	912,801m	PTV
14+800,00	740	187.898,8477	8.274.231,7138	913,515m	913,721m	
14+820,00	741	187.917,7543	8.274.225,1916	914,465m	914,641m	
14+840,00	742	187.936,6610	8.274.218,6694	915,945m	915,561m	
14+860,00	743	187.955,5676	8.274.212,1472	916,711m	916,482m	
14+880,00	744	187.974,4742	8.274.205,6250	917,416m	917,402m	
14+882,50	744+2,50	187.976,8413	8.274.204,8084	917,525m	917,517m	PCV
14+900,00	745	187.993,3809	8.274.199,1028	918,288m	918,365m	
14+902,50	745+2,50	187.995,7480	8.274.198,2862	918,397m	918,493m	PIV
14+920,00	746	188.012,2875	8.274.192,5806	919,632m	919,439m	
14+922,50	746+2,50	188.014,6546	8.274.191,7640	919,852m	919,581m	PTV
14+928,00	746+8,00	188.019,8540	8.274.189,9704	920,253m	919,896m	PCV
14+940,00	747	188.031,1942	8.274.186,0584	920,238m	920,534m	
14+946,83	747+6,83	188.037,6534	8.274.183,8302	920,230m	920,855m	PC
14+960,00	748	188.050,1239	8.274.179,6041	920,601m	921,384m	
14+980,00	749	188.069,1519	8.274.173,4454	921,152m	921,966m	
15+000,00	750	188.088,2791	8.274.167,6024	921,677m	922,281m	
15+013,00	750+13,00	188.100,7663	8.274.163,9733	921,931m	922,342m	PIV
15+013,51	750+13,51	188.101,2523	8.274.163,8350	921,928m	922,342m	PB
15+020,00	751	188.107,5003	8.274.162,0765	921,888m	922,328m	
15+040,00	752	188.126,8103	8.274.156,8694	921,810m	922,107m	
15+047,02	752+7,02	188.133,6065	8.274.155,1180	921,842m	921,966m	PT

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
15+060,00	753	188.146,1868	8.274.151,9148	921,721m	921,619m	
15+080,00	754	188.165,5685	8.274.146,9799	921,684m	920,863m	
15+098,00	754+18,00	188.183,0158	8.274.142,5375	920,310m	919,954m	PTV
15+100,00	755	188.184,9501	8.274.142,0450	920,215m	919,841m	
15+120,00	756	188.204,3317	8.274.137,1102	919,265m	918,710m	
15+140,00	757	188.223,7133	8.274.132,1753	918,188m	917,579m	
15+160,00	758	188.243,0949	8.274.127,2404	917,366m	916,449m	
15+169,50	758+9,50	188.252,3051	8.274.124,8953	916,600m	915,912m	PCV
15+180,00	759	188.262,4765	8.274.122,3055	915,920m	915,322m	
15+200,00	760	188.281,8582	8.274.117,3706	914,720m	914,221m	
15+220,00	761	188.301,2398	8.274.112,4358	913,528m	913,149m	
15+240,00	762	188.320,6214	8.274.107,5009	912,421m	912,106m	
15+249,50	762+9,50	188.329,8315	8.274.105,1558	911,912m	911,620m	PIV
15+260,00	763	188.340,0030	8.274.102,5660	911,371m	911,091m	
15+280,00	764	188.359,3846	8.274.097,6311	910,315m	910,106m	
15+300,00	765	188.378,7662	8.274.092,6963	909,243m	909,149m	
15+320,00	766	188.398,1478	8.274.087,7614	908,325m	908,221m	
15+329,50	766+9,50	188.407,3580	8.274.085,4163	907,904m	907,790m	PTV
15+340,00	767	188.417,5295	8.274.082,8265	907,453m	907,318m	
15+360,00	768	188.436,9111	8.274.077,8916	906,569m	906,418m	
15+380,00	769	188.456,2927	8.274.072,9567	905,690m	905,519m	
15+400,00	770	188.475,6743	8.274.068,0219	905,102m	904,619m	
15+420,00	771	188.495,0559	8.274.063,0870	904,006m	903,719m	
15+436,00	771+16,00	188.510,5651	8.274.059,1381	903,131m	902,999m	PCV
15+440,00	772	188.514,4375	8.274.058,1521	902,920m	902,820m	
15+460,00	773	188.533,8191	8.274.053,2172	902,128m	901,951m	
15+480,00	774	188.553,2008	8.274.048,2824	901,406m	901,124m	
15+500,00	775	188.572,5824	8.274.043,3475	900,461m	900,340m	
15+520,00	776	188.591,9640	8.274.038,4126	899,571m	899,600m	
15+536,00	776+16,00	188.607,4732	8.274.034,4637	898,998m	899,038m	PIV
15+540,00	777	188.611,3456	8.274.033,4777	898,859m	898,902m	
15+560,00	778	188.630,7272	8.274.028,5428	898,162m	898,247m	
15+580,00	779	188.650,1088	8.274.023,6080	897,662m	897,635m	
15+600,00	780	188.669,4904	8.274.018,6731	897,122m	897,066m	
15+620,00	781	188.688,8721	8.274.013,7382	896,564m	896,541m	
15+636,00	781+16,00	188.704,3812	8.274.009,7893	896,192m	896,151m	PTV
15+640,00	782	188.708,2537	8.274.008,8033	896,099m	896,057m	
15+660,00	783	188.727,6353	8.274.003,8685	895,643m	895,587m	
15+680,00	784	188.747,0169	8.273.998,9336	895,177m	895,117m	
15+700,00	785	188.766,3985	8.273.993,9987	894,713m	894,647m	
15+707,00	785+7,00	188.773,1860	8.273.992,2705	894,585m	894,482m	PCV
15+720,00	786	188.785,7801	8.273.989,0638	894,290m	894,191m	
15+740,00	787	188.805,1617	8.273.984,1289	893,990m	893,798m	
15+760,00	788	188.824,5434	8.273.979,1941	893,691m	893,472m	
15+780,00	789	188.843,9250	8.273.974,2592	893,373m	893,213m	
15+800,00	790	188.863,3066	8.273.969,3243	892,891m	893,022m	
15+820,00	791	188.882,6882	8.273.964,3894	892,031m	892,897m	
15+840,00	792	188.902,0698	8.273.959,4546	892,535m	892,840m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
15+847,00	792+7,00	188.908,8573	8.273.957,7264	892,450m	892,835m	PIV
15+847,15	792+7,15	188.908,9977	8.273.957,6906	892,448m	892,835m	
15+860,00	793	188.921,4514	8.273.954,5197	892,461m	892,849m	
15+880,00	794	188.940,8330	8.273.949,5848	892,346m	892,926m	
15+900,00	795	188.960,2147	8.273.944,6499	892,308m	893,070m	
15+920,00	796	188.979,5963	8.273.939,7150	892,965m	893,280m	
15+940,00	797	188.998,9779	8.273.934,7802	893,551m	893,558m	
15+960,00	798	189.018,3595	8.273.929,8453	893,755m	893,903m	
15+980,00	799	189.037,7411	8.273.924,9104	894,090m	894,315m	
15+987,00	799+7,00	189.044,5286	8.273.923,1822	894,173m	894,475m	PTV
16+000,00	800	189.057,1227	8.273.919,9755	894,328m	894,780m	
16+020,00	801	189.076,5043	8.273.915,0407	894,573m	895,249m	
16+040,00	802	189.095,8860	8.273.910,1058	894,942m	895,718m	
16+058,00	802+18,00	189.113,3333	8.273.905,6634	895,320m	896,140m	PCV
16+060,00	803	189.115,2676	8.273.905,1709	895,431m	896,188m	
16+078,00	803+18,00	189.132,7149	8.273.900,7285	896,252m	896,652m	PIV
16+080,00	804	189.134,6492	8.273.900,2360	896,267m	896,707m	
16+094,93	804+14,93	189.149,1199	8.273.896,5515	896,240m	897,151m	TE
16+098,00	804+18,00	189.152,0966	8.273.895,7938	896,233m	897,248m	PTV
16+100,00	805	189.154,0310	8.273.895,3017	896,307m	897,311m	
16+120,00	806	189.173,4303	8.273.890,4371	896,881m	897,949m	
16+140,00	807	189.192,8953	8.273.885,8437	897,467m	898,587m	
16+160,00	808	189.212,4690	8.273.881,7401	898,253m	899,226m	
16+175,87	808+15,87	189.228,0967	8.273.878,9792	898,981m	899,732m	PCV
16+180,00	809	189.232,1778	8.273.878,3481	899,126m	899,861m	
16+194,93	809+14,93	189.246,9834	8.273.876,4139	899,246m	900,272m	EC
16+200,00	810	189.252,0241	8.273.875,8923	899,244m	900,393m	
16+220,00	811	189.271,9750	8.273.874,5291	899,214m	900,777m	
16+240,00	812	189.291,9708	8.273.874,2779	899,276m	901,011m	
16+245,87	812+5,87	189.297,8395	8.273.874,4155	899,232m	901,051m	PIV
16+260,00	813	189.311,9497	8.273.875,1396	899,131m	901,096m	
16+261,38	813+1,38	189.313,3271	8.273.875,2402	899,122m	901,096m	PB
16+280,00	814	189.331,8496	8.273.877,1115	899,282m	901,031m	
16+300,00	815	189.351,6091	8.273.880,1875	899,208m	900,818m	
16+315,87	815+15,87	189.367,1480	8.273.883,4078	899,373m	900,542m	PTV
16+320,00	816	189.371,1668	8.273.884,3581	899,330m	900,458m	
16+340,00	817	189.390,4621	8.273.889,6102	898,827m	900,052m	
16+360,00	818	189.409,4354	8.273.895,9277	898,482m	899,645m	
16+380,00	819	189.428,0278	8.273.903,2911	898,423m	899,238m	
16+400,00	820	189.446,1818	8.273.911,6774	898,012m	898,832m	
16+420,00	821	189.463,8411	8.273.921,0607	897,684m	898,425m	
16+420,00	821	189.463,8446	8.273.921,0627	897,684m	898,425m	PCV
16+425,00	821+5,00	189.468,1756	8.273.923,5610	897,607m	898,301m	PIV
16+430,00	821+10,00	189.472,4715	8.273.926,1193	897,492m	898,133m	PTV
16+434,00	821+14,00	189.475,8823	8.273.928,2089	897,402m	897,980m	PCV
16+434,78	821+14,78	189.476,5442	8.273.928,6205	897,385m	897,950m	CE
16+440,00	822	189.480,9513	8.273.931,4114	897,277m	897,743m	
16+460,00	823	189.497,5009	8.273.942,6380	896,758m	896,832m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
16+474,00	823+14,00	189.508,7965	8.273.950,9152	896,544m	896,085m	PIV
16+480,00	824	189.513,5696	8.273.954,5441	896,451m	895,738m	
16+500,00	825	189.529,2682	8.273.966,9349	894,870m	894,460m	
16+514,00	825+14,00	189.540,1079	8.273.975,8011	894,168m	893,456m	PTV
16+520,00	826	189.544,7243	8.273.979,6275	893,851m	893,006m	
16+534,78	826+14,78	189.556,0737	8.273.989,1008	892,494m	891,898m	ET
16+540,00	827	189.560,0751	8.273.992,4476	891,926m	891,508m	
16+546,50	827+6,50	189.565,0640	8.273.996,6204	891,218m	891,020m	PCV
16+551,50	827+11,50	189.568,8993	8.273.999,8283	890,674m	890,656m	PIV
16+556,50	827+16,50	189.572,7346	8.274.003,0361	890,130m	890,312m	PTV
16+560,00	828	189.575,4163	8.274.005,2791	889,841m	890,079m	
16+580,00	829	189.590,7574	8.274.018,1106	888,506m	888,747m	
16+600,00	830	189.606,0986	8.274.030,9421	887,241m	887,414m	
16+620,00	831	189.621,4398	8.274.043,7736	885,950m	886,082m	
16+640,00	832	189.636,7810	8.274.056,6052	884,616m	884,749m	
16+660,00	833	189.652,1222	8.274.069,4367	883,477m	883,417m	
16+662,50	833+2,50	189.654,0429	8.274.071,0432	883,335m	883,250m	PCV
16+680,00	834	189.667,4634	8.274.082,2682	882,347m	882,165m	
16+700,00	835	189.682,8046	8.274.095,0997	881,178m	881,124m	
16+720,00	836	189.698,1458	8.274.107,9312	879,387m	880,294m	
16+740,00	837	189.713,4870	8.274.120,7628	878,733m	879,676m	
16+760,00	838	189.728,8282	8.274.133,5943	878,648m	879,270m	
16+772,50	838+12,50	189.738,4195	8.274.141,6165	878,756m	879,123m	PIV
16+780,00	839	189.744,1693	8.274.146,4258	878,821m	879,075m	
16+788,37	839+8,37	189.750,5861	8.274.151,7928	879,002m	879,057m	
16+800,00	840	189.759,5105	8.274.159,2573	879,397m	879,093m	
16+820,00	841	189.774,8517	8.274.172,0888	879,815m	879,322m	
16+840,00	842	189.790,1929	8.274.184,9204	880,113m	879,762m	
16+860,00	843	189.805,5341	8.274.197,7519	880,664m	880,415m	
16+873,75	843+13,75	189.816,0818	8.274.206,5740	881,045m	880,986m	
16+880,00	844	189.820,8953	8.274.210,5594	881,353m	881,279m	
16+882,50	844+2,50	189.822,8240	8.274.212,1563	881,475m	881,402m	PTV
16+896,50	844+16,50	189.833,6076	8.274.221,0845	882,342m	882,100m	PCV
16+900,00	845	189.836,3004	8.274.223,3140	882,579m	882,272m	
16+903,90	845+3,90	189.839,3015	8.274.225,7987	882,843m	882,456m	TE
16+906,50	845+6,50	189.841,3104	8.274.227,4616	883,020m	882,575m	PIV
16+916,50	845+16,50	189.849,0376	8.274.233,8090	883,561m	883,005m	PTV
16+920,00	846	189.851,7572	8.274.236,0058	883,694m	883,147m	
16+940,00	847	189.867,6790	8.274.248,1041	884,796m	883,960m	
16+946,00	847+6,00	189.872,6274	8.274.251,5040	885,467m	884,204m	PCV
16+951,00	847+11,00	189.876,8229	8.274.254,2237	886,162m	884,404m	PIV
16+956,00	847+16,00	189.881,0916	8.274.256,8269	885,983m	884,598m	PTV
16+960,00	848	189.884,5585	8.274.258,8137	885,945m	884,750m	
16+965,00	848+5,00	189.888,9718	8.274.261,1717	886,024m	884,941m	PCV
16+970,00	848+10,00	189.893,4629	8.274.263,3687	886,259m	885,142m	PIV
16+974,90	848+14,90	189.897,9360	8.274.265,3490	886,698m	885,359m	EC
16+975,00	848+15,00	189.898,0355	8.274.265,3907	886,712m	885,364m	PTV
16+980,00	849	189.902,6834	8.274.267,2220	887,389m	885,596m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
16+993,14	849+13,14	189.915,2307	8.274.271,1042	888,189m	886,205m	PCV
16+998,14	849+18,14	189.920,1046	8.274.272,2186	887,144m	886,433m	PIV
17+000,00	850	189.921,9281	8.274.272,5813	886,957m	886,516m	
17+003,14	850+3,14	189.925,0205	8.274.273,1299	887,094m	886,654m	PTV
17+020,00	851	189.941,7939	8.274.274,6875	887,814m	887,383m	
17+026,50	851+6,50	189.948,2970	8.274.274,6592	888,083m	887,664m	PCV
17+031,50	851+11,50	189.953,2899	8.274.274,3989	888,286m	887,874m	PIV
17+036,50	851+16,50	189.958,2676	8.274.273,9318	888,484m	888,073m	PTV
17+040,00	852	189.961,7345	8.274.273,4826	888,620m	888,209m	
17+048,50	852+8,50	189.970,1015	8.274.271,9720	888,942m	888,538m	PCV
17+050,66	852+10,66	189.972,2002	8.274.271,4964	889,021m	888,623m	CE
17+053,50	852+13,50	189.974,9642	8.274.270,8100	889,125m	888,743m	PIV
17+058,50	852+18,50	189.979,7769	8.274.269,4554	889,495m	888,972m	PTV
17+060,00	853	189.981,2067	8.274.269,0151	889,528m	889,044m	
17+080,00	854	189.999,8528	8.274.261,8155	890,455m	890,006m	
17+095,00	854+15,00	190.013,3144	8.274.255,1944	891,455m	890,728m	PCV
17+100,00	855	190.017,7174	8.274.252,8337	891,809m	890,965m	
17+115,00	855+15,00	190.030,7855	8.274.245,4626	892,911m	891,629m	PIV
17+120,00	856	190.035,1080	8.274.242,9575	893,285m	891,835m	
17+121,66	856+1,66	190.036,5399	8.274.242,1256	893,395m	891,901m	ET
17+135,00	856+15,00	190.048,0811	8.274.235,4196	893,421m	892,406m	PTV
17+140,00	857	190.052,4008	8.274.232,9096	893,416m	892,584m	
17+151,81	857+11,81	190.062,6122	8.274.226,9762	893,598m	893,007m	
17+160,00	858	190.069,6728	8.274.222,8262	893,893m	893,300m	
17+180,00	859	190.086,9151	8.274.212,6918	894,613m	894,015m	
17+199,25	859+19,25	190.103,5142	8.274.202,9355	895,349m	894,703m	PCV
17+200,00	860	190.104,1573	8.274.202,5575	895,378m	894,730m	
17+220,00	861	190.121,3996	8.274.192,4232	896,768m	895,360m	
17+240,00	862	190.138,6418	8.274.182,2888	896,937m	895,833m	
17+254,25	862+14,25	190.150,9304	8.274.175,0661	896,869m	896,075m	PIV
17+260,00	863	190.155,8840	8.274.172,1545	896,841m	896,149m	
17+280,00	864	190.173,1263	8.274.162,0201	896,637m	896,308m	
17+290,16	864+10,16	190.181,8889	8.274.156,8698	896,521m	896,328m	PB
17+300,00	865	190.190,3685	8.274.151,8858	896,415m	896,309m	
17+309,25	865+9,25	190.198,3465	8.274.147,1966	896,355m	896,256m	PTV
17+320,00	866	190.207,6108	8.274.141,7514	896,291m	896,176m	
17+340,00	867	190.224,8530	8.274.131,6171	896,172m	896,026m	
17+360,00	868	190.242,0953	8.274.121,4827	896,030m	895,875m	
17+380,00	869	190.259,3375	8.274.111,3484	895,886m	895,725m	
17+400,00	870	190.276,5798	8.274.101,2140	895,887m	895,575m	
17+412,69	870+12,69	190.287,5190	8.274.094,7843	895,915m	895,480m	PCV
17+420,00	871	190.293,8220	8.274.091,0797	895,931m	895,414m	
17+440,00	872	190.311,0642	8.274.080,9453	895,604m	895,121m	
17+460,00	873	190.328,3065	8.274.070,8110	895,145m	894,663m	
17+480,00	874	190.345,5487	8.274.060,6766	894,559m	894,040m	
17+482,69	874+2,69	190.347,8669	8.274.059,3141	894,588m	893,943m	PIV
17+500,00	875	190.362,7910	8.274.050,5423	894,781m	893,252m	
17+520,00	876	190.380,0332	8.274.040,4079	893,726m	892,298m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
17+540,00	877	190.397,2755	8.274.030,2736	892,875m	891,180m	
17+552,69	877+12,69	190.408,2147	8.274.023,8439	894,613m	890,385m	PTV
17+560,00	878	190.414,5177	8.274.020,1392	894,400m	889,908m	
17+580,00	879	190.431,7599	8.274.010,0049	891,081m	888,602m	
17+590,00	879+10,00	190.440,3845	8.274.004,9357	889,729m	887,949m	PCV
17+600,00	880	190.449,0022	8.273.999,8705	889,059m	887,310m	
17+610,00	880+10,00	190.457,6268	8.273.994,8013	888,432m	886,696m	PIV
17+620,00	881	190.466,2444	8.273.989,7362	887,824m	886,109m	
17+630,00	881+10,00	190.474,8690	8.273.984,6670	887,318m	885,548m	PTV
17+638,64	881+18,64	190.482,3110	8.273.980,2929	886,819m	885,076m	TE
17+640,00	882	190.483,4867	8.273.979,6018	886,740m	885,001m	
17+660,00	883	190.500,7669	8.273.969,5326	886,032m	883,906m	
17+680,00	884	190.518,2429	8.273.959,8083	884,630m	882,811m	
17+700,00	885	190.536,0782	8.273.950,7626	883,704m	881,716m	
17+720,00	886	190.554,3980	8.273.942,7476	882,331m	880,621m	
17+726,00	886+6,00	190.560,0039	8.273.940,5982	882,018m	880,292m	PCV
17+728,64	886+8,64	190.562,4776	8.273.939,6984	881,837m	880,147m	EC
17+740,00	887	190.573,2646	8.273.936,1277	880,823m	879,506m	
17+760,00	888	190.592,6165	8.273.931,1004	879,366m	878,317m	
17+780,00	889	190.612,3203	8.273.927,7055	878,086m	877,048m	
17+800,00	890	190.632,2388	8.273.925,9666	877,193m	875,701m	
17+806,00	890+6,00	190.638,2394	8.273.925,7699	877,117m	875,282m	PIV
17+820,00	891	190.652,2328	8.273.925,8959	875,978m	874,276m	
17+840,00	892	190.672,1631	8.273.927,4938	873,179m	872,771m	
17+849,09	892+9,09	190.681,1603	8.273.928,7686	872,150m	872,062m	CE
17+860,00	893	190.691,8924	8.273.930,7394	871,272m	871,188m	
17+880,00	894	190.711,3339	8.273.935,4181	869,159m	869,526m	
17+886,00	894+6,00	190.717,1128	8.273.937,0464	868,636m	869,012m	PTV
17+900,00	895	190.730,4913	8.273.941,1561	867,470m	867,805m	
17+920,00	896	190.749,4290	8.273.947,5856	865,963m	866,080m	
17+939,09	896+19,09	190.767,3925	8.273.954,0389	864,381m	864,434m	ET
17+940,00	897	190.768,2503	8.273.954,3498	864,308m	864,355m	
17+960,00	898	190.787,0535	8.273.961,1646	862,730m	862,631m	
17+960,00	898	190.787,0572	8.273.961,1660	862,730m	862,630m	PCV
17+980,00	899	190.805,8566	8.273.967,9795	861,202m	860,965m	
17+985,00	899+5,00	190.810,5612	8.273.969,6845	860,807m	860,567m	PIV
18+000,00	900	190.824,6598	8.273.974,7943	859,672m	859,418m	
18+010,00	900+10,00	190.834,0651	8.273.978,2031	859,529m	858,688m	PTV
18+020,00	901	190.843,4629	8.273.981,6091	859,181m	857,974m	
18+029,00	901+9,00	190.851,9281	8.273.984,6772	858,970m	857,331m	PCV
18+040,00	902	190.862,2660	8.273.988,4239	857,214m	856,557m	
18+044,00	902+4,00	190.866,0304	8.273.989,7883	856,657m	856,281m	PIV
18+059,00	902+19,00	190.880,1328	8.273.994,8994	855,749m	855,271m	PTV
18+060,00	903	190.881,0692	8.273.995,2388	855,500m	855,206m	
18+077,50	903+17,50	190.897,5257	8.274.001,2031	854,284m	854,052m	PCV
18+080,00	904	190.899,8723	8.274.002,0536	854,121m	853,889m	
18+086,06	904+6,06	190.905,5664	8.274.004,1173	853,759m	853,503m	PC
18+095,78	904+15,78	190.914,5213	8.274.007,9034	853,397m	852,913m	PCC

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
18+097,50	904+17,50	190.916,0761	8.274.008,6406	853,293m	852,813m	PIV
18+100,00	905	190.918,3558	8.274.009,6567	853,171m	852,669m	
18+105,20	905+5,20	190.923,1873	8.274.011,5673	852,732m	852,377m	PT
18+117,50	905+17,50	190.934,7585	8.274.015,7611	851,957m	851,729m	PTV
18+120,00	906	190.937,1051	8.274.016,6116	851,820m	851,603m	
18+123,70	906+3,70	190.940,5806	8.274.017,8712	851,942m	851,418m	PC
18+126,50	906+6,50	190.943,2196	8.274.018,8285	852,031m	851,276m	PCV
18+140,00	907	190.955,8992	8.274.023,4513	851,103m	850,674m	
18+156,50	907+16,50	190.971,3878	8.274.029,1509	850,182m	850,142m	PIV
18+160,00	908	190.974,6662	8.274.030,3648	850,071m	850,058m	
18+168,17	908+8,17	190.982,3278	8.274.033,2117	849,636m	849,903m	PT
18+180,00	909	190.993,4104	8.274.037,3401	849,607m	849,775m	
18+186,50	909+6,50	190.999,5053	8.274.039,6105	847,146m	849,755m	PTV
18+200,00	910	191.012,1523	8.274.044,3217	842,068m	849,749m	
18+220,00	911	191.030,8942	8.274.051,3032	849,226m	849,741m	
18+237,71	911+17,71	191.047,4902	8.274.057,4854	849,505m	849,733m	
18+240,00	912	191.049,6381	8.274.058,2792	849,538m	849,732m	
18+244,08	912+4,08	191.053,4649	8.274.059,6935	849,598m	849,730m	PC
18+246,44	912+6,44	191.054,3520	8.274.061,6201	849,942m	849,729m	PT
18+260,00	913	191.049,6532	8.274.074,3448	848,875m	849,723m	
18+260,44	913+0,44	191.049,5022	8.274.074,7537	848,559m	849,723m	PC
18+262,79	913+2,79	191.050,3897	8.274.076,6804	847,897m	849,722m	PT
18+273,52	913+13,52	191.060,4547	8.274.080,3971	848,836m	849,718m	
18+280,00	914	191.066,5431	8.274.082,6116	849,061m	849,715m	
18+293,00	914+13,00	191.078,7638	8.274.087,0566	849,275m	849,709m	PCV
18+294,28	914+14,28	191.079,9585	8.274.087,4911	849,311m	849,709m	
18+300,00	915	191.085,3384	8.274.089,4480	849,433m	849,714m	
18+320,00	916	191.104,1337	8.274.096,2843	849,856m	849,821m	
18+340,00	917	191.122,9291	8.274.103,1207	850,142m	850,064m	
18+360,00	918	191.141,7244	8.274.109,9571	850,362m	850,442m	
18+365,50	918+5,50	191.146,8968	8.274.111,8384	850,528m	850,570m	PIV
18+380,00	919	191.160,5197	8.274.116,7934	850,965m	850,956m	
18+400,00	920	191.179,3150	8.274.123,6298	851,562m	851,606m	
18+420,00	921	191.198,1103	8.274.130,4662	852,715m	852,392m	
18+438,00	921+18,00	191.215,0299	8.274.136,6203	854,980m	853,215m	PTV
18+440,00	922	191.216,9057	8.274.137,3026	855,065m	853,312m	
18+460,00	923	191.235,7010	8.274.144,1389	856,288m	854,288m	
18+480,00	924	191.254,4963	8.274.150,9753	857,482m	855,264m	
18+500,00	925	191.273,2916	8.274.157,8117	856,517m	856,240m	
18+520,00	926	191.292,0869	8.274.164,6481	857,421m	857,215m	
18+540,00	927	191.310,8822	8.274.171,4844	858,062m	858,191m	
18+542,50	927+2,50	191.313,2354	8.274.172,3403	858,142m	858,313m	PCV
18+560,00	928	191.329,6776	8.274.178,3208	858,703m	859,104m	
18+580,00	929	191.348,4729	8.274.185,1572	859,343m	859,852m	
18+600,00	930	191.367,2682	8.274.191,9936	859,984m	860,434m	
18+620,00	931	191.386,0635	8.274.198,8299	860,625m	860,851m	
18+620,00	931	191.386,0673	8.274.198,8313	860,625m	860,851m	PIV
18+640,00	932	191.404,8588	8.274.205,6663	861,115m	861,102m	

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KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
18+660,00	933	191.423,6542	8.274.212,5027	861,178m	861,188m	
18+660,33	933+0,33	191.423,9621	8.274.212,6147	861,179m	861,188m	PB
18+680,00	934	191.442,4495	8.274.219,3390	860,769m	861,107m	
18+697,50	934+17,50	191.458,8991	8.274.225,3222	860,454m	860,901m	PTV
18+700,00	935	191.461,2448	8.274.226,1754	860,433m	860,863m	
18+720,00	936	191.480,0401	8.274.233,0118	860,267m	860,555m	
18+740,00	937	191.498,8354	8.274.239,8482	860,101m	860,247m	
18+760,00	938	191.517,6307	8.274.246,6845	859,934m	859,939m	
18+780,00	939	191.536,4261	8.274.253,5209	859,452m	859,631m	
18+800,00	940	191.555,2214	8.274.260,3573	858,500m	859,324m	
18+806,61	940+6,61	191.561,4330	8.274.262,6166	858,350m	859,222m	PC
18+808,97	940+8,97	191.563,3554	8.274.261,7197	859,073m	859,186m	PT
18+820,00	941	191.567,1271	8.274.251,3503	859,476m	859,016m	
18+823,97	941+3,97	191.568,4827	8.274.247,6232	859,433m	858,955m	PC
18+826,32	941+6,32	191.570,4050	8.274.246,7263	859,421m	858,918m	PT
18+832,50	941+12,50	191.576,2145	8.274.248,8394	859,329m	858,823m	PCV
18+840,00	942	191.583,2590	8.274.251,4016	859,218m	858,717m	
18+860,00	943	191.602,0543	8.274.258,2380	858,995m	858,519m	
18+880,00	944	191.620,8497	8.274.265,0744	858,167m	858,447m	
18+881,47	944+1,47	191.622,2277	8.274.265,5756	858,191m	858,446m	
18+892,50	944+12,50	191.632,6005	8.274.269,3485	858,911m	858,466m	PIV
18+900,00	945	191.639,6450	8.274.271,9108	858,984m	858,500m	
18+920,00	946	191.658,4403	8.274.278,7471	859,156m	858,680m	
18+940,00	947	191.677,2356	8.274.285,5835	859,273m	858,985m	
18+952,50	947+12,50	191.688,9864	8.274.289,8576	859,510m	859,240m	PTV
18+960,00	948	191.696,0309	8.274.292,4199	859,620m	859,407m	
18+960,00	948	191.696,0347	8.274.292,4212	859,620m	859,407m	PCV
18+963,42	948+3,42	191.699,2462	8.274.293,5894	859,670m	859,485m	TE
18+980,00	949	191.714,8370	8.274.299,2266	859,978m	859,908m	
19+000,00	950	191.733,7348	8.274.305,7731	861,630m	860,519m	
19+020,00	951	191.752,8221	8.274.311,7418	862,706m	861,238m	
19+020,00	951	191.752,8259	8.274.311,7429	862,706m	861,238m	PIV
19+040,00	952	191.772,1676	8.274.316,8062	861,387m	862,067m	
19+060,00	953	191.791,7944	8.274.320,6294	863,498m	863,005m	
19+063,42	953+3,42	191.795,1783	8.274.321,1341	864,010m	863,176m	EC
19+080,00	954	191.811,6596	8.274.322,8975	864,974m	864,052m	
19+080,00	954	191.811,6636	8.274.322,8978	864,975m	864,052m	PTV
19+100,00	955	191.831,6445	8.274.323,5086	866,287m	865,153m	
19+120,00	956	191.851,6111	8.274.322,4583	867,015m	866,255m	
19+127,50	956+7,50	191.859,0697	8.274.321,6367	868,163m	866,668m	PCV
19+140,00	957	191.871,4216	8.274.319,7538	868,615m	867,312m	
19+160,00	958	191.890,9391	8.274.315,4138	870,516m	868,158m	
19+180,00	959	191.910,0289	8.274.309,4682	871,993m	868,778m	
19+200,00	960	191.928,5591	8.274.301,9582	871,165m	869,170m	
19+220,00	961	191.946,4018	8.274.292,9355	871,897m	869,335m	
19+224,52	961+4,52	191.950,3268	8.274.290,6928	871,625m	869,341m	CE
19+224,58	961+4,58	191.950,3778	8.274.290,6630	871,623m	869,341m	PB
19+227,50	961+7,50	191.952,8938	8.274.289,1726	871,530m	869,339m	PIV

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
19+240,00	962	191.963,4477	8.274.282,4841	871,783m	869,274m	
19+260,00	963	191.979,7198	8.274.270,8613	871,975m	868,986m	
19+280,00	964	191.995,3466	8.274.258,3819	870,933m	868,470m	
19+300,00	965	192.010,5017	8.274.245,3322	869,085m	867,728m	
19+320,00	966	192.025,3882	8.274.231,9760	867,823m	866,758m	
19+324,52	966+4,52	192.028,7381	8.274.228,9405	867,482m	866,508m	ET
19+327,50	966+7,50	192.030,9485	8.274.226,9369	867,245m	866,336m	PTV
19+340,00	967	192.040,2072	8.274.218,5448	866,254m	865,607m	
19+360,00	968	192.055,0258	8.274.205,1131	864,673m	864,439m	
19+380,00	969	192.069,8443	8.274.191,6814	863,384m	863,271m	
19+400,00	970	192.084,6629	8.274.178,2497	861,430m	862,103m	
19+420,00	971	192.099,4815	8.274.164,8180	860,422m	860,935m	
19+422,00	971+2,00	192.100,9663	8.274.163,4722	860,338m	860,818m	PCV
19+440,00	972	192.114,3000	8.274.151,3864	859,537m	859,879m	
19+452,00	972+12,00	192.123,1941	8.274.143,3247	859,072m	859,379m	PIV
19+460,00	973	192.129,1186	8.274.137,9547	858,836m	859,101m	
19+480,00	974	192.143,9372	8.274.124,5230	858,208m	858,600m	
19+482,00	974+2,00	192.145,4220	8.274.123,1772	858,116m	858,565m	PTV
19+493,00	974+13,00	192.153,5722	8.274.115,7897	858,178m	858,381m	PCV
19+500,00	975	192.158,7557	8.274.111,0913	858,636m	858,322m	
19+500,09	975+0,09	192.158,8228	8.274.111,0305	858,642m	858,322m	
19+505,00	975+5,00	192.162,4633	8.274.107,7307	858,975m	858,350m	PIV
19+517,00	975+17,00	192.171,3545	8.274.099,6717	859,790m	858,659m	PTV
19+520,00	976	192.173,5743	8.274.097,6596	859,993m	858,779m	
19+540,00	977	192.188,3929	8.274.084,2280	860,470m	859,576m	
19+560,00	978	192.203,2114	8.274.070,7963	861,042m	860,373m	
19+580,00	979	192.218,0300	8.274.057,3646	861,002m	861,171m	
19+585,18	979+5,18	192.221,8711	8.274.053,8830	860,979m	861,377m	PC
19+586,75	979+6,75	192.222,9449	8.274.052,7444	860,973m	861,440m	PT
19+586,80	979+6,80	192.222,9787	8.274.052,7024	860,973m	861,442m	PC
19+592,50	979+12,50	192.226,4924	8.274.048,2154	861,066m	861,669m	PCV
19+600,00	980	192.230,9278	8.274.042,1729	861,225m	861,882m	
19+605,00	980+5,00	192.233,7686	8.274.038,0536	861,424m	861,928m	PIV
19+605,48	980+5,48	192.234,0358	8.274.037,6552	861,475m	861,928m	PB
19+607,27	980+7,27	192.235,0240	8.274.036,1648	861,663m	861,923m	PT
19+607,33	980+7,33	192.235,0531	8.274.036,1205	861,668m	861,923m	PC
19+609,67	980+9,67	192.237,1171	8.274.035,6817	861,364m	861,901m	PT
19+617,50	980+17,50	192.243,7136	8.274.039,9161	861,656m	861,706m	PTV
19+620,00	981	192.245,8141	8.274.041,2644	861,682m	861,614m	
19+621,86	981+1,86	192.247,3808	8.274.042,2701	861,692m	861,545m	PC
19+627,68	981+7,68	192.251,1162	8.274.046,6223	861,675m	861,330m	PT
19+636,00	981+16,00	192.254,4972	8.274.054,2257	861,256m	861,023m	PCV
19+639,59	981+19,59	192.255,9560	8.274.057,5065	861,074m	860,932m	PC
19+640,00	982	192.256,1711	8.274.057,8535	861,064m	860,927m	
19+641,00	982+1,00	192.257,0099	8.274.058,3633	861,060m	860,920m	PIV
19+641,69	982+1,69	192.257,6973	8.274.058,3506	861,075m	860,918m	
19+641,94	982+1,94	192.257,9269	8.274.058,2717	861,083m	860,918m	PT
19+641,95	982+1,95	192.257,9412	8.274.058,2655	861,083m	860,918m	PC

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
19+646,00	982+6,00	192.261,6651	8.274.056,6793	861,227m	860,978m	PTV
19+647,50	982+7,50	192.263,0523	8.274.056,1087	861,279m	861,020m	PCV
19+660,00	983	192.274,7542	8.274.051,7182	861,678m	861,317m	
19+680,00	984	192.293,9341	8.274.046,0734	861,857m	861,578m	
19+689,65	984+9,65	192.303,3527	8.274.043,9683	861,958m	861,609m	PB
19+695,00	984+15,00	192.308,6083	8.274.042,9776	862,018m	861,599m	PIV
19+700,00	985	192.313,5417	8.274.042,1654	862,009m	861,573m	
19+720,00	986	192.333,4202	8.274.040,0254	861,936m	861,303m	
19+740,00	987	192.353,4104	8.274.039,6706	861,616m	860,769m	
19+742,50	987+2,50	192.355,9090	8.274.039,7520	861,509m	860,683m	PTV
19+760,00	988	192.373,3523	8.274.041,1038	860,366m	860,071m	
19+773,00	988+13,00	192.386,2129	8.274.042,9894	860,038m	859,616m	PCV
19+778,55	988+18,55	192.391,6637	8.274.044,0212	859,885m	859,441m	PT
19+778,57	988+18,57	192.391,6874	8.274.044,0260	859,885m	859,440m	PC
19+780,00	989	192.393,0865	8.274.044,3124	859,842m	859,401m	
19+783,00	989+3,00	192.396,0208	8.274.044,9367	859,752m	859,328m	PIV
19+793,00	989+13,00	192.405,7522	8.274.047,2369	859,512m	859,166m	PTV
19+800,00	990	192.412,5140	8.274.049,0467	859,417m	859,097m	
19+803,00	990+3,00	192.415,3981	8.274.049,8724	859,379m	859,067m	PCV
19+805,65	990+5,65	192.417,9410	8.274.050,6274	859,345m	859,043m	PT
19+819,17	990+19,17	192.430,8776	8.274.054,5328	859,122m	858,987m	
19+820,00	991	192.431,6761	8.274.054,7739	859,120m	858,987m	
19+840,00	992	192.450,8226	8.274.060,5541	859,299m	859,120m	
19+853,00	992+13,00	192.463,2679	8.274.064,3113	859,460m	859,338m	PIV
19+860,00	993	192.469,9692	8.274.066,3344	859,774m	859,499m	
19+862,13	993+2,13	192.472,0049	8.274.066,9489	859,873m	859,553m	TE
19+880,00	994	192.489,0839	8.274.072,2178	860,692m	860,123m	
19+900,00	995	192.507,9414	8.274.078,8705	861,632m	860,994m	
19+901,56	995+1,56	192.509,3927	8.274.079,4468	861,709m	861,072m	EC
19+903,00	995+3,00	192.510,7261	8.274.079,9865	861,781m	861,146m	PTV
19+920,00	996	192.526,2038	8.274.087,0080	862,348m	862,021m	
19+940,00	997	192.543,6660	8.274.096,7448	863,202m	863,051m	
19+960,00	998	192.560,1881	8.274.108,0032	864,453m	864,081m	
19+980,00	999	192.575,6381	8.274.120,6931	865,634m	865,112m	
19+983,11	999+3,11	192.577,9324	8.274.122,7852	865,773m	865,272m	CE
19+993,00	999+13,00	192.585,0594	8.274.129,6484	866,238m	865,781m	PCV
20+000,00	1000	192.589,9574	8.274.134,6493	866,509m	866,128m	
20+008,00	1000+8,00	192.595,4462	8.274.140,4692	866,832m	866,491m	PIV
20+020,00	1001	192.603,5476	8.274.149,3217	867,295m	866,967m	
20+022,54	1001+2,54	192.605,2536	8.274.151,2035	867,375m	867,058m	ET
20+023,00	1001+3,00	192.605,5625	8.274.151,5443	867,389m	867,074m	PTV
20+040,00	1002	192.616,9790	8.274.164,1405	867,925m	867,663m	
20+052,24	1002+12,24	192.625,1977	8.274.173,2084	868,339m	868,088m	PCV
20+060,00	1003	192.630,4102	8.274.178,9595	868,619m	868,369m	
20+062,24	1003+2,24	192.631,9133	8.274.180,6179	868,700m	868,454m	PIV
20+072,24	1003+12,24	192.638,6289	8.274.188,0274	869,061m	868,859m	PTV
20+080,00	1004	192.643,8414	8.274.193,7785	869,265m	869,188m	
20+086,50	1004+6,50	192.648,2092	8.274.198,5976	869,493m	869,465m	PCV

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
20+092,55	1004+12,55	192.652,2679	8.274.203,0757	869,653m	869,705m	
20+098,60	1004+18,60	192.656,5433	8.274.207,3619	869,797m	869,913m	PC
20+100,00	1005	192.657,5261	8.274.208,3566	869,831m	869,957m	
20+101,50	1005+1,50	192.658,5725	8.274.209,4369	869,868m	870,001m	PIV
20+116,50	1005+16,50	192.668,3845	8.274.220,7740	870,413m	870,339m	PTV
20+120,00	1006	192.670,5017	8.274.223,5559	871,601m	870,394m	
20+135,00	1006+15,00	192.678,8166	8.274.236,0374	877,725m	870,631m	PCV
20+140,00	1007	192.681,2975	8.274.240,3736	880,127m	870,742m	
20+150,00	1007+10,00	192.685,8157	8.274.249,2970	884,068m	871,151m	PIV
20+160,00	1008	192.689,7141	8.274.258,4994	884,237m	871,811m	
20+165,00	1008+5,00	192.691,4286	8.274.263,2002	884,396m	872,236m	PTV
20+180,00	1009	192.695,5962	8.274.277,5987	880,211m	873,603m	
20+193,82	1009+13,82	192.698,1217	8.274.291,1853	879,566m	874,863m	PCV
20+200,00	1010	192.698,8352	8.274.297,3191	879,288m	875,391m	
20+220,00	1011	192.699,3713	8.274.317,2965	878,445m	876,619m	
20+228,82	1011+8,82	192.698,7442	8.274.326,0972	878,103m	876,927m	PIV
20+240,00	1012	192.697,1947	8.274.337,1622	877,697m	877,111m	
20+243,37	1012+3,37	192.696,5639	8.274.340,4683	877,582m	877,121m	PB
20+260,00	1013	192.692,3455	8.274.356,5496	877,058m	876,867m	
20+263,82	1013+3,82	192.691,1205	8.274.360,1723	876,949m	876,736m	PTV
20+280,00	1014	192.684,9132	8.274.375,1007	876,376m	876,127m	
20+290,00	1014+10,00	192.680,2675	8.274.383,9584	875,956m	875,751m	PCV
20+291,04	1014+11,04	192.679,7504	8.274.384,8604	875,914m	875,712m	PT
20+300,00	1015	192.675,2683	8.274.392,6145	875,578m	875,432m	
20+315,79	1015+15,79	192.667,3668	8.274.406,2841	875,048m	875,161m	PC
20+318,15	1015+18,15	192.667,9155	8.274.408,3337	874,988m	875,145m	PT
20+320,00	1016	192.669,5212	8.274.409,2608	874,972m	875,137m	
20+320,00	1016	192.669,5247	8.274.409,2628	874,972m	875,137m	PIV
20+322,88	1016+2,88	192.672,0116	8.274.410,6985	874,947m	875,132m	
20+328,15	1016+8,15	192.676,5787	8.274.413,3352	874,865m	875,148m	PC
20+330,50	1016+10,50	192.678,6254	8.274.412,7903	874,834m	875,165m	PCC
20+340,00	1017	192.683,6388	8.274.404,7232	875,258m	875,300m	
20+350,00	1017+10,00	192.689,4197	8.274.396,5605	875,524m	875,553m	PTV
20+360,00	1018	192.695,6878	8.274.388,7760	875,784m	875,864m	
20+380,00	1019	192.709,6078	8.274.374,4328	876,357m	876,485m	
20+385,00	1019+5,00	192.713,3590	8.274.371,1212	876,425m	876,641m	PCV
20+400,00	1020	192.725,1872	8.274.361,9118	876,654m	876,885m	
20+400,75	1020+0,75	192.725,7996	8.274.361,4811	876,644m	876,885m	PB
20+405,00	1020+5,00	192.729,3174	8.274.359,0870	876,579m	876,867m	PIV
20+420,00	1021	192.742,1891	8.274.351,4033	876,145m	876,520m	
20+425,00	1021+5,00	192.746,6355	8.274.349,1082	875,877m	876,305m	PTV
20+440,00	1022	192.760,3550	8.274.343,0670	875,280m	875,587m	
20+460,00	1023	192.779,4087	8.274.337,0298	874,352m	874,630m	
20+460,00	1023	192.779,4126	8.274.337,0288	874,352m	874,630m	PCV
20+470,00	1023+10,00	192.789,1823	8.274.334,9026	873,949m	874,181m	PIV
20+480,00	1024	192.799,0606	8.274.333,3833	873,631m	873,792m	
20+480,00	1024	192.799,0645	8.274.333,3828	873,631m	873,792m	PTV
20+480,00	1024	192.799,0648	8.274.333,3828	873,631m	873,792m	PCV

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
20+495,00	1024+15,00	192.814,0165	8.274.332,2521	873,112m	873,160m	PIV
20+500,00	1025	192.819,0118	8.274.332,1831	872,849m	872,908m	
20+510,00	1025+10,00	192.829,0087	8.274.332,5077	872,338m	872,340m	PTV
20+520,00	1026	192.838,9591	8.274.333,4474	871,684m	871,731m	
20+520,00	1026	192.838,9631	8.274.333,4479	871,683m	871,731m	PCV
20+530,00	1026+10,00	192.848,8403	8.274.334,9999	871,075m	871,196m	PIV
20+540,00	1027	192.858,5992	8.274.337,1569	870,833m	870,810m	
20+540,00	1027	192.858,6031	8.274.337,1579	870,833m	870,810m	PTV
20+551,48	1027+11,48	192.869,6207	8.274.340,3714	870,507m	870,452m	PT
20+551,48	1027+11,48	192.869,6208	8.274.340,3714	870,507m	870,452m	PC
20+553,30	1027+13,30	192.871,2836	8.274.341,0941	870,393m	870,395m	PT
20+560,00	1028	192.877,1620	8.274.344,3114	870,128m	870,187m	
20+565,00	1028+5,00	192.881,5516	8.274.346,7138	869,971m	870,031m	PCV
20+580,00	1029	192.894,7063	8.274.353,9133	869,043m	869,520m	
20+585,00	1029+5,00	192.899,0959	8.274.356,3157	868,686m	869,330m	PIV
20+600,00	1030	192.912,2506	8.274.363,5153	868,257m	868,703m	
20+605,00	1030+5,00	192.916,6402	8.274.365,9177	868,000m	868,474m	PTV
20+617,50	1030+17,50	192.927,6054	8.274.371,9189	867,034m	867,891m	PCV
20+620,00	1031	192.929,7949	8.274.373,1172	866,462m	867,776m	
20+640,00	1032	192.947,3392	8.274.382,7191	865,531m	866,964m	
20+660,00	1033	192.964,8836	8.274.392,3211	866,176m	866,345m	
20+667,50	1033+7,50	192.971,4662	8.274.395,9237	866,175m	866,163m	PIV
20+680,00	1034	192.982,4279	8.274.401,9230	866,176m	865,921m	
20+700,00	1035	192.999,9722	8.274.411,5250	866,067m	865,691m	
20+713,77	1035+13,77	193.012,0512	8.274.418,1358	865,955m	865,645m	
20+717,50	1035+17,50	193.015,3269	8.274.419,9286	865,968m	865,648m	PTV
20+718,00	1035+18,00	193.015,7656	8.274.420,1686	865,969m	865,649m	PCV
20+720,00	1036	193.017,5165	8.274.421,1269	865,976m	865,654m	
20+740,00	1037	193.035,0608	8.274.430,7288	866,139m	865,807m	
20+760,00	1038	193.052,6051	8.274.440,3308	866,324m	866,156m	
20+765,00	1038+5,00	193.056,9947	8.274.442,7332	866,404m	866,274m	PIV
20+780,00	1039	193.070,1494	8.274.449,9327	866,770m	866,701m	
20+800,00	1040	193.087,6937	8.274.459,5347	867,534m	867,441m	
20+812,00	1040+12,00	193.098,2238	8.274.465,2978	868,183m	867,980m	PTV
20+820,00	1041	193.105,2380	8.274.469,1366	868,571m	868,362m	
20+840,00	1042	193.122,7823	8.274.478,7386	869,429m	869,317m	
20+847,00	1042+7,00	193.128,9263	8.274.482,1012	869,769m	869,652m	PCV
20+860,00	1043	193.140,3266	8.274.488,3405	870,373m	870,249m	
20+880,00	1044	193.157,8709	8.274.497,9424	871,241m	871,073m	
20+900,00	1045	193.175,4152	8.274.507,5444	872,415m	871,782m	
20+920,00	1046	193.192,9596	8.274.517,1463	874,097m	872,378m	
20+927,00	1046+7,00	193.199,1036	8.274.520,5089	874,457m	872,559m	PIV
20+940,00	1047	193.210,5039	8.274.526,7483	874,650m	872,858m	
20+960,00	1048	193.228,0482	8.274.536,3502	874,603m	873,225m	
20+980,00	1049	193.245,5925	8.274.545,9521	874,766m	873,476m	
21+000,00	1050	193.263,1368	8.274.555,5541	875,476m	873,614m	
21+007,00	1050+7,00	193.269,2808	8.274.558,9167	875,794m	873,635m	PTV
21+020,00	1051	193.280,6811	8.274.565,1560	875,610m	873,661m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
21+028,02	1051+8,02	193.287,7176	8.274.569,0071	875,390m	873,677m	TE
21+040,00	1052	193.298,2275	8.274.574,7540	873,743m	873,701m	
21+058,00	1052+18,00	193.314,0524	8.274.583,3399	873,255m	873,737m	PCV
21+060,00	1053	193.315,8104	8.274.584,2850	873,255m	873,740m	
21+062,21	1053+2,21	193.317,7600	8.274.585,3305	873,257m	873,741m	PB
21+080,00	1054	193.333,4877	8.274.593,6397	873,271m	873,666m	
21+093,00	1054+13,00	193.345,0584	8.274.599,5743	873,413m	873,516m	PIV
21+098,37	1054+18,37	193.349,8561	8.274.601,9809	873,425m	873,430m	EC
21+100,00	1055	193.351,3145	8.274.602,7056	873,259m	873,401m	
21+120,00	1056	193.369,3294	8.274.611,3917	872,206m	872,946m	
21+128,00	1056+8,00	193.376,5917	8.274.614,7565	871,888m	872,710m	PTV
21+140,00	1057	193.387,5310	8.274.619,6794	871,624m	872,335m	
21+160,00	1058	193.405,9105	8.274.627,5646	870,646m	871,708m	
21+164,00	1058+4,00	193.409,6107	8.274.629,0946	870,529m	871,582m	PCV
21+180,00	1059	193.424,4591	8.274.635,0436	870,105m	871,049m	
21+184,00	1059+4,00	193.428,1920	8.274.636,4917	870,040m	870,905m	PIV
21+184,26	1059+4,26	193.428,4325	8.274.636,5844	870,037m	870,896m	CE
21+200,00	1060	193.443,1642	8.274.642,1222	869,595m	870,292m	
21+204,00	1060+4,00	193.446,9247	8.274.643,4971	869,426m	870,128m	PTV
21+220,00	1061	193.461,9875	8.274.648,8805	868,834m	869,467m	
21+240,00	1062	193.480,8830	8.274.655,4347	868,152m	868,640m	
21+244,00	1062+4,00	193.484,6708	8.274.656,7327	868,018m	868,474m	PCV
21+254,00	1062+14,00	193.494,1338	8.274.659,9655	867,564m	868,093m	PIV
21+254,61	1062+14,61	193.494,7089	8.274.660,1618	867,530m	868,072m	ET
21+260,00	1063	193.499,8085	8.274.661,9021	867,238m	867,895m	
21+264,00	1063+4,00	193.503,5979	8.274.663,1954	867,020m	867,776m	PTV
21+270,00	1063+10,00	193.509,2763	8.274.665,1333	866,694m	867,606m	PCV
21+280,00	1064	193.518,7365	8.274.668,3619	866,339m	867,336m	
21+300,00	1065	193.537,6646	8.274.674,8216	865,763m	866,887m	
21+320,00	1066	193.556,5927	8.274.681,2814	865,652m	866,556m	
21+340,00	1067	193.575,5207	8.274.687,7411	865,504m	866,345m	
21+360,00	1068	193.594,4488	8.274.694,2008	865,641m	866,254m	
21+365,39	1068+5,39	193.599,5540	8.274.695,9431	865,765m	866,249m	
21+380,00	1069	193.613,3769	8.274.700,6606	866,098m	866,281m	
21+385,00	1069+5,00	193.618,1127	8.274.702,2768	866,212m	866,307m	PIV
21+400,00	1070	193.632,3049	8.274.707,1203	866,554m	866,428m	
21+420,00	1071	193.651,2330	8.274.713,5801	866,855m	866,694m	
21+440,00	1072	193.670,1611	8.274.720,0398	867,306m	867,079m	
21+460,00	1073	193.689,0891	8.274.726,4995	867,899m	867,583m	
21+480,00	1074	193.708,0172	8.274.732,9593	868,560m	868,207m	
21+500,00	1075	193.726,9453	8.274.739,4190	869,978m	868,950m	
21+500,00	1075	193.726,9491	8.274.739,4203	869,979m	868,950m	PTV
21+520,00	1076	193.745,8733	8.274.745,8788	871,177m	869,753m	
21+540,00	1077	193.764,8014	8.274.752,3385	872,312m	870,555m	
21+560,00	1078	193.783,7295	8.274.758,7982	873,242m	871,358m	
21+580,00	1079	193.802,6576	8.274.765,2580	872,930m	872,160m	
21+600,00	1080	193.821,5856	8.274.771,7177	874,484m	872,963m	
21+620,00	1081	193.840,5137	8.274.778,1775	876,808m	873,765m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
21+640,00	1082	193.859,4418	8.274.784,6372	879,133m	874,568m	
21+649,68	1082+9,68	193.868,5994	8.274.787,7625	880,258m	874,956m	TE
21+660,00	1083	193.878,3685	8.274.791,1008	881,357m	875,371m	
21+680,00	1084	193.897,2639	8.274.797,6554	881,914m	876,173m	
21+700,00	1085	193.916,0679	8.274.804,4668	881,945m	876,976m	
21+705,00	1085+5,00	193.920,7507	8.274.806,2308	881,674m	877,177m	PCV
21+710,00	1085+10,00	193.925,4187	8.274.808,0225	881,455m	877,366m	PIV
21+715,00	1085+15,00	193.930,0744	8.274.809,8457	881,289m	877,533m	PTV
21+720,00	1086	193.934,7129	8.274.811,7016	881,182m	877,688m	
21+740,00	1087	193.953,1194	8.274.819,5218	882,512m	878,310m	
21+745,00	1087+5,00	193.957,6767	8.274.821,5883	883,101m	878,466m	PCV
21+749,68	1087+9,68	193.961,9117	8.274.823,5618	883,708m	878,622m	EC
21+750,00	1087+10,00	193.962,2080	8.274.823,7019	883,756m	878,634m	PIV
21+755,00	1087+15,00	193.966,7155	8.274.825,8659	884,488m	878,826m	PTV
21+760,00	1088	193.971,1947	8.274.828,0786	885,298m	879,031m	
21+780,00	1089	193.988,8688	8.274.837,4359	884,792m	879,851m	
21+800,00	1090	194.006,1047	8.274.847,5777	885,390m	880,671m	
21+820,00	1091	194.022,8675	8.274.858,4837	881,861m	881,492m	
21+840,00	1092	194.039,1234	8.274.870,1319	882,620m	882,312m	
21+860,00	1093	194.054,8395	8.274.882,4986	883,459m	883,132m	
21+880,00	1094	194.069,9842	8.274.895,5589	884,351m	883,952m	
21+900,00	1095	194.084,5267	8.274.909,2865	885,163m	884,772m	
21+920,00	1096	194.098,4378	8.274.923,6536	885,754m	885,593m	
21+940,00	1097	194.111,6894	8.274.938,6312	886,349m	886,413m	
21+945,00	1097+5,00	194.114,8986	8.274.942,4706	886,536m	886,618m	PCV
21+949,52	1097+9,52	194.117,7604	8.274.945,9697	886,703m	886,813m	CE
21+950,00	1097+10,00	194.118,0620	8.274.946,3426	886,724m	886,835m	PIV
21+955,00	1097+15,00	194.121,1821	8.274.950,2497	886,938m	887,077m	PTV
21+960,00	1098	194.124,2581	8.274.954,1864	887,147m	887,331m	
21+980,00	1099	194.136,1938	8.274.970,2331	888,016m	888,349m	
21+980,00	1099	194.136,1961	8.274.970,2363	888,016m	888,349m	PCV
21+990,00	1099+10,00	194.141,9654	8.274.978,4042	888,398m	888,832m	PIV
22+000,00	1100	194.147,6226	8.274.986,6452	888,813m	889,262m	
22+000,00	1100	194.147,6249	8.274.986,6485	888,813m	889,262m	PTV
22+020,00	1101	194.158,6835	8.275.003,3079	889,791m	890,072m	
22+030,00	1101+10,00	194.164,1236	8.275.011,7035	890,186m	890,477m	PCV
22+040,00	1102	194.169,5224	8.275.020,1161	890,573m	890,888m	
22+049,52	1102+9,52	194.174,6496	8.275.028,1428	890,812m	891,295m	ET
22+060,00	1103	194.180,2857	8.275.036,9729	891,467m	891,757m	
22+080,00	1104	194.191,0463	8.275.053,8314	892,811m	892,684m	
22+100,00	1105	194.201,8069	8.275.070,6900	894,035m	893,671m	
22+100,00	1105	194.201,8090	8.275.070,6934	894,035m	893,671m	PIV
22+120,00	1106	194.212,5674	8.275.087,5485	895,240m	894,716m	
22+140,00	1107	194.223,3280	8.275.104,4071	896,315m	895,821m	
22+160,00	1108	194.234,0886	8.275.121,2656	897,284m	896,985m	
22+170,00	1108+10,00	194.239,4710	8.275.129,6982	897,772m	897,589m	PTV
22+180,00	1109	194.244,8491	8.275.138,1241	898,283m	898,200m	
22+200,00	1110	194.255,6097	8.275.154,9827	899,479m	899,423m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
22+220,00	1111	194.266,3703	8.275.171,8412	899,851m	900,646m	
22+240,00	1112	194.277,1308	8.275.188,6997	900,939m	901,868m	
22+260,00	1113	194.287,8914	8.275.205,5583	902,484m	903,091m	
22+280,00	1114	194.298,6520	8.275.222,4168	903,732m	904,314m	
22+300,00	1115	194.309,4125	8.275.239,2753	904,846m	905,537m	
22+320,00	1116	194.320,1731	8.275.256,1339	906,121m	906,759m	
22+340,00	1117	194.330,9337	8.275.272,9924	907,633m	907,982m	
22+360,00	1118	194.341,6942	8.275.289,8509	909,029m	909,205m	
22+380,00	1119	194.352,4548	8.275.306,7095	910,474m	910,428m	
22+384,00	1119+4,00	194.354,6091	8.275.310,0845	910,709m	910,672m	PCV
22+400,00	1120	194.363,2154	8.275.323,5680	911,599m	911,612m	
22+420,00	1121	194.373,9759	8.275.340,4265	913,645m	912,681m	
22+424,00	1121+4,00	194.376,1302	8.275.343,8016	914,367m	912,880m	PIV
22+440,00	1122	194.384,7365	8.275.357,2851	915,281m	913,630m	
22+460,00	1123	194.395,4971	8.275.374,1436	915,669m	914,460m	
22+464,00	1123+4,00	194.397,6513	8.275.377,5187	915,752m	914,612m	PTV
22+480,00	1124	194.406,2576	8.275.391,0021	916,148m	915,210m	
22+480,10	1124+0,10	194.406,3123	8.275.391,0877	916,150m	915,214m	PCV
22+485,10	1124+5,10	194.409,0024	8.275.395,3024	916,274m	915,386m	PIV
22+490,10	1124+10,10	194.411,6926	8.275.399,5170	916,398m	915,529m	PTV
22+500,00	1125	194.417,0182	8.275.407,8607	916,581m	915,784m	
22+514,80	1125+14,80	194.424,9832	8.275.420,3394	917,096m	916,164m	PC
22+517,16	1125+17,16	194.427,0546	8.275.420,7967	916,390m	916,225m	PT
22+520,00	1126	194.429,4484	8.275.419,2688	916,356m	916,298m	
22+522,47	1126+2,47	194.431,5271	8.275.417,9420	916,404m	916,362m	PCV
22+525,23	1126+5,23	194.433,8534	8.275.416,4571	916,400m	916,397m	PB
22+525,47	1126+5,47	194.434,0559	8.275.416,3279	916,400m	916,397m	PIV
22+528,47	1126+8,47	194.436,5847	8.275.414,7138	916,395m	916,348m	PTV
22+530,25	1126+10,25	194.438,0875	8.275.413,7546	916,430m	916,294m	PCV
22+532,16	1126+12,16	194.439,6985	8.275.412,7263	916,480m	916,252m	PC
22+533,25	1126+13,25	194.440,7412	8.275.412,5093	916,525m	916,241m	PIV
22+533,93	1126+13,93	194.441,3692	8.275.412,7643	916,563m	916,239m	
22+534,52	1126+14,52	194.441,7700	8.275.413,1836	916,595m	916,240m	PT
22+536,25	1126+16,25	194.442,7021	8.275.414,6441	916,681m	916,261m	PTV
22+540,00	1127	194.444,7203	8.275.417,8059	916,869m	916,332m	
22+542,00	1127+2,00	194.445,7985	8.275.419,4951	916,969m	916,370m	PCV
22+560,00	1128	194.455,4809	8.275.434,6645	917,432m	916,665m	
22+580,00	1129	194.466,2414	8.275.451,5230	917,529m	916,882m	
22+592,00	1129+12,00	194.472,6999	8.275.461,6415	917,519m	916,956m	PIV
22+600,00	1130	194.477,0020	8.275.468,3815	917,506m	916,983m	
22+607,34	1130+7,34	194.480,9495	8.275.474,5661	917,452m	916,990m	PB
22+620,00	1131	194.487,7626	8.275.485,2401	917,172m	916,967m	
22+640,00	1132	194.498,5231	8.275.502,0986	917,174m	916,835m	
22+642,00	1132+2,00	194.499,6013	8.275.503,7878	917,196m	916,816m	PTV
22+651,00	1132+11,00	194.504,4436	8.275.511,3742	917,257m	916,725m	PCV
22+655,32	1132+15,32	194.506,7638	8.275.515,0092	917,335m	916,674m	TE
22+656,00	1132+16,00	194.507,1337	8.275.515,5888	917,351m	916,665m	PIV
22+660,00	1133	194.509,2831	8.275.518,9575	917,361m	916,602m	

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KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
22+661,00	1133+1,00	194.509,8229	8.275.519,8041	917,338m	916,584m	PTV
22+675,00	1133+15,00	194.517,3148	8.275.531,6307	917,011m	916,331m	PCV
22+680,00	1134	194.519,9625	8.275.535,8675	916,911m	916,253m	
22+680,00	1134	194.519,9646	8.275.535,8709	916,911m	916,253m	PIV
22+685,00	1134+5,00	194.522,5941	8.275.540,1236	916,837m	916,198m	PTV
22+700,00	1135	194.530,3172	8.275.552,9776	916,193m	916,070m	
22+703,00	1135+3,00	194.531,8277	8.275.555,5742	916,085m	916,045m	PCV
22+720,00	1136	194.540,0748	8.275.570,4341	915,847m	915,820m	
22+736,48	1136+16,48	194.547,4625	8.275.585,1608	914,067m	915,448m	EC
22+740,00	1137	194.548,9481	8.275.588,3548	914,233m	915,349m	
22+748,00	1137+8,00	194.552,1919	8.275.595,6718	914,881m	915,098m	PIV
22+760,00	1138	194.556,7074	8.275.606,7847	915,035m	914,656m	
22+780,00	1139	194.563,2968	8.275.625,6646	914,130m	913,741m	
22+793,00	1139+13,00	194.566,9411	8.275.638,1466	913,776m	913,026m	PTV
22+800,00	1140	194.568,6903	8.275.644,9202	913,494m	912,617m	
22+820,00	1141	194.572,8668	8.275.664,4759	912,877m	911,446m	
22+840,00	1142	194.575,8098	8.275.684,2549	910,496m	910,275m	
22+860,00	1143	194.577,5077	8.275.704,1794	909,362m	909,104m	
22+880,00	1144	194.577,9540	8.275.724,1712	908,101m	907,933m	
22+900,00	1145	194.577,1468	8.275.744,1516	906,834m	906,762m	
22+920,00	1146	194.575,0893	8.275.764,0422	904,909m	905,591m	
22+930,00	1146+10,00	194.573,5934	8.275.773,9333	904,425m	905,005m	PCV
22+940,00	1147	194.571,7896	8.275.783,7648	903,948m	904,374m	
22+940,00	1147	194.571,7889	8.275.783,7687	903,948m	904,374m	PIV
22+941,09	1147+1,09	194.571,5740	8.275.784,8349	903,896m	904,300m	CE
22+950,00	1147+10,00	194.569,6814	8.275.793,5437	903,459m	903,652m	PTV
22+960,00	1148	194.567,3030	8.275.803,2524	902,950m	902,884m	
22+980,00	1149	194.561,8844	8.275.822,5029	901,589m	901,348m	
22+991,50	1149+11,50	194.558,4649	8.275.833,4868	900,781m	900,465m	PCV
22+996,50	1149+16,50	194.556,9286	8.275.838,2450	900,430m	900,101m	PIV
23+000,00	1150	194.555,8402	8.275.841,5672	900,193m	899,871m	
23+001,50	1150+1,50	194.555,3687	8.275.842,9954	900,098m	899,778m	PTV
23+020,00	1151	194.549,4690	8.275.860,5252	898,933m	898,658m	
23+022,25	1151+2,25	194.548,7439	8.275.862,6580	898,743m	898,521m	ET
23+040,00	1152	194.543,0308	8.275.879,4606	897,482m	897,446m	
23+060,00	1153	194.536,5925	8.275.898,3960	896,386m	896,235m	
23+080,00	1154	194.530,1542	8.275.917,3314	895,012m	895,023m	
23+096,69	1154+16,69	194.524,7800	8.275.933,1373	893,969m	894,012m	TE
23+100,00	1155	194.523,7166	8.275.936,2670	893,773m	893,812m	
23+101,75	1155+1,75	194.523,1536	8.275.937,9282	893,670m	893,706m	PCV
23+111,75	1155+11,75	194.519,9939	8.275.947,4158	893,077m	893,049m	PIV
23+120,00	1156	194.517,5068	8.275.955,2776	892,584m	892,430m	
23+121,75	1156+1,75	194.516,9980	8.275.956,9562	892,477m	892,289m	PTV
23+125,00	1156+5,00	194.516,0780	8.275.960,0733	892,279m	892,026m	PCV
23+136,26	1156+16,26	194.513,1694	8.275.970,9509	891,779m	891,189m	EC
23+140,00	1157	194.512,3186	8.275.974,5880	891,581m	890,945m	
23+160,00	1158	194.508,8165	8.275.994,2721	890,871m	889,922m	
23+160,00	1158	194.508,8160	8.275.994,2760	890,871m	889,921m	PIV

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KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
23+180,00	1159	194.507,1076	8.276.014,1921	890,478m	889,377m	
23+184,42	1159+4,42	194.506,9735	8.276.018,6135	890,442m	889,321m	CE
23+192,78	1159+12,78	194.506,9506	8.276.026,9686	890,396m	889,279m	
23+195,00	1159+15,00	194.506,9893	8.276.029,1932	890,240m	889,282m	PTV
23+200,00	1160	194.507,1340	8.276.034,1871	890,182m	889,295m	
23+220,00	1161	194.508,2556	8.276.054,1547	890,643m	889,348m	
23+220,00	1161	194.508,2558	8.276.054,1587	890,643m	889,348m	PCV
23+223,99	1161+3,99	194.508,5305	8.276.058,1388	890,703m	889,356m	ET
23+227,27	1161+7,27	194.508,7568	8.276.061,4028	890,753m	889,358m	PB
23+230,00	1161+10,00	194.508,9462	8.276.064,1348	890,795m	889,357m	PIV
23+240,00	1162	194.509,6375	8.276.074,1069	891,029m	889,328m	
23+240,00	1162	194.509,6378	8.276.074,1109	891,030m	889,328m	PTV
23+258,25	1162+18,25	194.510,8998	8.276.092,3161	890,865m	889,243m	PC
23+260,00	1163	194.511,1050	8.276.094,0504	890,932m	889,235m	
23+263,28	1163+3,28	194.511,9372	8.276.097,2137	890,642m	889,220m	PT
23+263,28	1163+3,28	194.511,9360	8.276.097,2104	890,642m	889,220m	PC
23+280,00	1164	194.519,1796	8.276.112,2498	890,061m	889,142m	
23+285,00	1164+5,00	194.521,9196	8.276.116,4360	890,032m	889,118m	PCV
23+293,64	1164+13,64	194.527,2252	8.276.123,2488	890,023m	889,098m	
23+300,00	1165	194.531,5661	8.276.127,8910	889,990m	889,109m	
23+305,00	1165+5,00	194.535,2250	8.276.131,3034	889,936m	889,133m	PIV
23+320,00	1166	194.547,3239	8.276.140,1289	889,878m	889,286m	
23+325,00	1166+5,00	194.551,6907	8.276.142,5708	890,299m	889,364m	PTV
23+340,00	1167	194.565,5444	8.276.148,2581	891,215m	889,618m	
23+360,00	1168	194.585,1775	8.276.151,8100	892,708m	889,957m	
23+370,33	1168+10,33	194.595,4991	8.276.151,7738	893,082m	890,132m	PT
23+375,00	1168+15,00	194.600,1647	8.276.151,4671	893,265m	890,211m	PCV
23+380,00	1169	194.605,1499	8.276.151,1394	893,461m	890,286m	
23+387,46	1169+7,46	194.612,5936	8.276.150,6500	893,825m	890,359m	PC
23+389,82	1169+9,82	194.614,1888	8.276.152,0484	893,905m	890,372m	PT
23+395,00	1169+15,00	194.614,5291	8.276.157,2253	893,909m	890,386m	PIV
23+395,60	1169+15,60	194.614,5684	8.276.157,8230	893,910m	890,386m	PB
23+400,00	1170	194.614,8568	8.276.162,2105	893,914m	890,378m	
23+400,62	1170+0,62	194.614,8972	8.276.162,8251	893,915m	890,375m	PC
23+402,97	1170+2,97	194.613,4989	8.276.164,4203	893,838m	890,363m	PT
23+415,00	1170+15,00	194.601,4929	8.276.165,2096	893,216m	890,231m	PTV
23+420,00	1171	194.596,5077	8.276.165,5373	893,020m	890,151m	
23+432,44	1171+12,44	194.584,0907	8.276.166,3536	892,162m	889,953m	PC
23+440,00	1172	194.576,6114	8.276.167,3832	891,504m	889,832m	
23+460,00	1173	194.558,2701	8.276.175,0573	890,013m	889,513m	
23+465,00	1173+5,00	194.554,2333	8.276.178,0112	889,909m	889,433m	PCV
23+476,84	1173+16,84	194.545,9248	8.276.186,4007	889,849m	889,338m	
23+480,00	1174	194.544,0371	8.276.188,9395	889,839m	889,345m	
23+485,00	1174+5,00	194.541,3697	8.276.193,1711	889,827m	889,383m	PIV
23+500,00	1175	194.535,9077	8.276.207,0835	890,179m	889,700m	
23+505,00	1175+5,00	194.534,9837	8.276.211,9996	890,274m	889,874m	PTV
23+515,19	1175+15,19	194.534,5492	8.276.222,1627	890,437m	890,261m	PT
23+515,21	1175+15,21	194.534,5501	8.276.222,1809	890,437m	890,261m	PC

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
23+520,00	1176	194.535,4708	8.276.226,8652	890,473m	890,443m	
23+520,00	1176	194.535,4721	8.276.226,8690	890,473m	890,444m	PCV
23+521,34	1176+1,34	194.535,9626	8.276.228,1164	890,539m	890,494m	PT
23+521,36	1176+1,36	194.535,9699	8.276.228,1331	890,540m	890,495m	PC
23+540,00	1177	194.544,0943	8.276.244,9014	891,102m	891,070m	
23+540,00	1177	194.544,0961	8.276.244,9049	891,102m	891,070m	PIV
23+560,00	1178	194.554,1702	8.276.262,1717	891,717m	891,428m	
23+560,00	1178	194.554,1723	8.276.262,1751	891,717m	891,428m	PTV
23+565,00	1178+5,00	194.556,9039	8.276.266,3629	891,841m	891,484m	PCV
23+575,00	1178+15,00	194.562,6144	8.276.274,5712	892,074m	891,687m	PIV
23+579,36	1178+19,36	194.565,2057	8.276.278,0776	892,152m	891,832m	PT
23+579,36	1178+19,36	194.565,2058	8.276.278,0776	892,152m	891,832m	PC
23+580,00	1179	194.565,5886	8.276.278,5854	892,164m	891,856m	
23+585,00	1179+5,00	194.568,6345	8.276.282,5555	892,251m	892,070m	PTV
23+586,00	1179+6,00	194.569,2503	8.276.283,3435	892,268m	892,118m	PCV
23+600,00	1180	194.578,1100	8.276.294,1769	892,790m	892,720m	
23+620,00	1181	194.591,5323	8.276.309,0001	893,243m	893,372m	
23+621,00	1181+1,00	194.592,2290	8.276.309,7231	893,288m	893,399m	PIV
23+624,83	1181+4,83	194.594,9030	8.276.312,4583	893,460m	893,493m	PT
23+640,00	1182	194.605,5696	8.276.323,2461	893,940m	893,778m	
23+656,00	1182+16,00	194.616,8219	8.276.334,6265	894,412m	893,926m	PTV
23+660,00	1183	194.619,6315	8.276.337,4680	894,522m	893,943m	
23+662,35	1183+2,35	194.621,2811	8.276.339,1363	894,520m	893,954m	PCV
23+671,32	1183+11,32	194.627,5872	8.276.345,5141	894,468m	893,973m	PB
23+680,00	1184	194.633,6935	8.276.351,6898	894,417m	893,955m	
23+692,35	1184+12,35	194.642,3741	8.276.360,4691	894,373m	893,867m	PIV
23+700,00	1185	194.647,7555	8.276.365,9117	894,329m	893,775m	
23+720,00	1186	194.661,8174	8.276.380,1335	894,131m	893,404m	
23+722,35	1186+2,35	194.663,4670	8.276.381,8019	894,114m	893,347m	PTV
23+731,50	1186+11,50	194.669,9059	8.276.388,3139	893,914m	893,123m	PCV
23+740,00	1187	194.675,8794	8.276.394,3554	893,545m	892,904m	
23+760,00	1188	194.689,9414	8.276.408,5772	892,677m	892,306m	
23+771,50	1188+11,50	194.698,0298	8.276.416,7576	892,177m	891,910m	PIV
23+780,00	1189	194.704,0034	8.276.422,7991	891,806m	891,592m	
23+789,22	1189+9,22	194.710,4891	8.276.429,3586	891,394m	891,224m	PC
23+800,00	1190	194.718,0448	8.276.437,0412	890,784m	890,762m	
23+811,50	1190+11,50	194.726,0656	8.276.445,2879	890,136m	890,232m	PTV
23+820,00	1191	194.731,9588	8.276.451,4076	889,670m	889,826m	
23+840,00	1192	194.745,7292	8.276.465,9119	888,859m	888,870m	
23+860,00	1193	194.759,3545	8.276.480,5525	887,732m	887,915m	
23+870,00	1193+10,00	194.766,1151	8.276.487,9264	887,206m	887,437m	PCV
23+880,00	1194	194.772,8334	8.276.495,3280	886,783m	886,935m	
23+880,00	1194	194.772,8361	8.276.495,3310	886,783m	886,935m	PIV
23+890,00	1194+10,00	194.779,5202	8.276.502,7689	886,291m	886,382m	PTV
23+890,15	1194+10,15	194.779,6206	8.276.502,8811	886,283m	886,373m	PT
23+900,00	1195	194.786,1826	8.276.510,2210	885,740m	885,804m	
23+906,50	1195+6,50	194.790,5175	8.276.515,0697	885,195m	885,429m	PCV
23+920,00	1196	194.799,5126	8.276.525,1310	884,557m	884,671m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
23+940,00	1197	194.812,8427	8.276.540,0411	883,405m	883,629m	
23+960,00	1198	194.826,1727	8.276.554,9511	882,238m	882,685m	
23+980,00	1199	194.839,5027	8.276.569,8612	882,107m	881,837m	
23+991,50	1199+11,50	194.847,1702	8.276.578,4375	881,741m	881,394m	PIV
24+000,00	1200	194.852,8328	8.276.584,7713	881,345m	881,087m	
24+020,00	1201	194.866,1628	8.276.599,6813	880,721m	880,434m	
24+040,00	1202	194.879,4929	8.276.614,5914	879,250m	879,877m	
24+060,00	1203	194.892,8229	8.276.629,5015	879,267m	879,418m	
24+076,50	1203+16,50	194.903,8229	8.276.641,8053	879,285m	879,112m	PTV
24+080,00	1204	194.906,1530	8.276.644,4115	879,214m	879,055m	
24+100,00	1205	194.919,4830	8.276.659,3216	878,836m	878,724m	
24+120,00	1206	194.932,8130	8.276.674,2317	878,626m	878,393m	
24+140,00	1207	194.946,1431	8.276.689,1417	878,397m	878,063m	
24+160,00	1208	194.959,4731	8.276.704,0518	878,640m	877,732m	
24+168,50	1208+8,50	194.965,1410	8.276.710,3915	878,965m	877,592m	PCV
24+173,50	1208+13,50	194.968,4736	8.276.714,1191	878,860m	877,520m	PIV
24+178,50	1208+18,50	194.971,8061	8.276.717,8466	878,656m	877,469m	PTV
24+180,00	1209	194.972,8032	8.276.718,9619	878,595m	877,457m	
24+185,00	1209+5,00	194.976,1383	8.276.722,6924	878,391m	877,417m	PCV
24+190,00	1209+10,00	194.979,4708	8.276.726,4199	878,187m	877,372m	PIV
24+195,00	1209+15,00	194.982,8034	8.276.730,1474	877,983m	877,316m	PTV
24+200,00	1210	194.986,1332	8.276.733,8719	878,014m	877,254m	
24+200,00	1210	194.986,1359	8.276.733,8749	878,015m	877,254m	PCV
24+220,00	1211	194.999,4632	8.276.748,7820	877,292m	876,910m	
24+226,85	1211+6,85	195.004,0299	8.276.753,8899	876,704m	876,746m	PC
24+240,00	1212	195.012,7474	8.276.763,7328	875,565m	876,368m	
24+250,00	1212+10,00	195.019,3185	8.276.771,2761	875,272m	876,023m	PIV
24+260,00	1213	195.025,8306	8.276.778,8597	875,203m	875,629m	
24+280,00	1214	195.038,6978	8.276.794,1708	874,472m	874,693m	
24+300,00	1215	195.051,3463	8.276.809,6630	873,168m	873,559m	
24+300,00	1215	195.051,3488	8.276.809,6661	873,168m	873,559m	PTV
24+320,00	1216	195.063,7737	8.276.825,3331	871,896m	872,327m	
24+340,00	1217	195.075,9774	8.276.841,1781	870,963m	871,095m	
24+341,52	1217+1,52	195.076,8938	8.276.842,3871	870,932m	871,002m	PCV
24+360,00	1218	195.087,9549	8.276.857,1947	869,985m	869,782m	
24+366,52	1218+6,52	195.091,8086	8.276.862,4503	869,511m	869,314m	PIV
24+380,00	1219	195.099,7039	8.276.873,3797	868,393m	868,281m	
24+384,90	1219+4,90	195.102,5446	8.276.877,3666	867,912m	867,884m	PT
24+391,52	1219+11,52	195.106,3777	8.276.882,7660	867,287m	867,330m	PTV
24+400,00	1220	195.111,2882	8.276.889,6832	866,653m	866,606m	
24+420,00	1221	195.122,8656	8.276.905,9916	865,512m	864,900m	
24+420,00	1221	195.122,8679	8.276.905,9949	865,511m	864,900m	PCV
24+430,00	1221+10,00	195.128,6566	8.276.914,1491	864,458m	864,072m	PIV
24+440,00	1222	195.134,4429	8.276.922,3001	863,720m	863,293m	
24+440,00	1222	195.134,4452	8.276.922,3033	863,719m	863,293m	PTV
24+460,00	1223	195.146,0203	8.276.938,6085	862,256m	861,785m	
24+480,00	1224	195.157,5976	8.276.954,9169	860,650m	860,277m	
24+500,00	1225	195.169,1750	8.276.971,2253	859,298m	858,769m	

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KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
24+520,00	1226	195.180,7523	8.276.987,5338	857,734m	857,261m	
24+540,00	1227	195.192,3297	8.277.003,8422	856,290m	855,753m	
24+560,00	1228	195.203,9070	8.277.020,1506	854,365m	854,245m	
24+560,00	1228	195.203,9094	8.277.020,1539	854,364m	854,244m	PCV
24+580,00	1229	195.215,4844	8.277.036,4591	852,782m	852,781m	
24+600,00	1230	195.227,0618	8.277.052,7675	851,529m	851,406m	
24+620,00	1231	195.238,6391	8.277.069,0759	850,267m	850,119m	
24+640,00	1232	195.250,2165	8.277.085,3843	848,835m	848,921m	
24+660,00	1233	195.261,7938	8.277.101,6928	847,729m	847,812m	
24+660,00	1233	195.261,7961	8.277.101,6960	847,729m	847,812m	PIV
24+680,00	1234	195.273,3712	8.277.118,0012	846,867m	846,792m	
24+700,00	1235	195.284,9485	8.277.134,3096	845,978m	845,860m	
24+720,00	1236	195.296,5259	8.277.150,6181	844,431m	845,016m	
24+740,00	1237	195.308,1032	8.277.166,9265	843,951m	844,262m	
24+760,00	1238	195.319,6806	8.277.183,2349	842,646m	843,596m	
24+760,00	1238	195.319,6829	8.277.183,2382	842,646m	843,596m	PTV
24+767,00	1238+7,00	195.323,7350	8.277.188,9461	842,746m	843,378m	PCV
24+780,00	1239	195.331,2580	8.277.199,5433	842,933m	842,994m	
24+800,00	1240	195.342,8353	8.277.215,8518	842,720m	842,481m	
24+820,00	1241	195.354,4127	8.277.232,1602	842,307m	842,063m	
24+840,00	1242	195.365,9900	8.277.248,4686	841,901m	841,740m	
24+860,00	1243	195.377,5674	8.277.264,7771	841,597m	841,511m	
24+880,00	1244	195.389,1447	8.277.281,0855	841,397m	841,376m	
24+897,00	1244+17,00	195.398,9878	8.277.294,9509	841,116m	841,337m	PIV
24+898,39	1244+18,39	195.399,7921	8.277.296,0840	841,129m	841,336m	
24+900,00	1245	195.400,7221	8.277.297,3939	841,171m	841,337m	
24+920,00	1246	195.412,2994	8.277.313,7024	841,423m	841,392m	
24+940,00	1247	195.423,8768	8.277.330,0108	841,576m	841,541m	
24+960,00	1248	195.435,4542	8.277.346,3192	842,944m	841,785m	
24+980,00	1249	195.447,0315	8.277.362,6276	842,517m	842,124m	
25+000,00	1250	195.458,6089	8.277.378,9361	841,852m	842,557m	
25+010,99	1250+10,99	195.464,9730	8.277.387,9009	842,088m	842,836m	
25+020,00	1251	195.470,1566	8.277.395,2654	842,723m	843,085m	
25+027,00	1251+7,00	195.474,1880	8.277.400,9929	843,217m	843,293m	PTV
25+040,00	1252	195.481,6683	8.277.411,6203	843,658m	843,688m	
25+060,00	1253	195.493,1799	8.277.427,9751	844,706m	844,297m	
25+080,00	1254	195.504,6916	8.277.444,3300	845,277m	844,905m	
25+090,00	1254+10,00	195.510,4497	8.277.452,5107	845,618m	845,209m	PCV
25+100,00	1255	195.516,2033	8.277.460,6849	845,959m	845,499m	
25+120,00	1256	195.527,7149	8.277.477,0397	846,407m	845,993m	
25+140,00	1257	195.539,2266	8.277.493,3946	847,406m	846,373m	
25+160,00	1258	195.550,7382	8.277.509,7495	847,446m	846,639m	
25+180,00	1259	195.562,2499	8.277.526,1044	847,577m	846,790m	
25+196,45	1259+16,45	195.571,7161	8.277.539,5532	847,758m	846,828m	PB
25+200,00	1260	195.573,7616	8.277.542,4592	847,794m	846,827m	
25+220,00	1261	195.585,2732	8.277.558,8141	847,283m	846,749m	
25+240,00	1262	195.596,7849	8.277.575,1690	847,320m	846,557m	
25+250,00	1262+10,00	195.602,5430	8.277.583,3497	846,947m	846,418m	PIV

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KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
25+260,00	1263	195.608,2965	8.277.591,5238	846,624m	846,251m	
25+280,00	1264	195.619,8082	8.277.607,8787	846,300m	845,831m	
25+300,00	1265	195.631,3199	8.277.624,2336	845,969m	845,296m	
25+320,00	1266	195.642,8315	8.277.640,5884	845,116m	844,647m	
25+340,00	1267	195.654,3432	8.277.656,9433	844,208m	843,883m	
25+360,00	1268	195.665,8548	8.277.673,2982	843,158m	843,006m	
25+380,00	1269	195.677,3665	8.277.689,6530	842,175m	842,014m	
25+400,00	1270	195.688,8781	8.277.706,0079	840,843m	840,907m	
25+410,00	1270+10,00	195.694,6363	8.277.714,1886	840,262m	840,311m	PTV
25+420,00	1271	195.700,3898	8.277.722,3628	839,681m	839,701m	
25+440,00	1272	195.711,9015	8.277.738,7176	838,666m	838,480m	
25+460,00	1273	195.723,4131	8.277.755,0725	837,261m	837,260m	
25+480,00	1274	195.734,9248	8.277.771,4274	836,257m	836,039m	
25+481,58	1274+1,58	195.735,8331	8.277.772,7179	836,163m	835,942m	PC
25+500,00	1275	195.746,4712	8.277.787,7577	835,100m	834,818m	
25+520,00	1276	195.758,0990	8.277.804,0302	833,889m	833,597m	
25+530,11	1276+10,11	195.764,0070	8.277.812,2325	833,286m	832,980m	PT
25+540,00	1277	195.769,7983	8.277.820,2513	832,779m	832,377m	
25+560,00	1278	195.781,5080	8.277.836,4650	831,752m	831,156m	
25+562,50	1278+2,50	195.782,9740	8.277.838,4950	831,351m	831,003m	PCV
25+580,00	1279	195.793,2176	8.277.852,6787	830,509m	830,016m	
25+600,00	1280	195.804,9273	8.277.868,8924	829,490m	829,084m	
25+620,00	1281	195.816,6370	8.277.885,1061	828,983m	828,363m	
25+640,00	1282	195.828,3467	8.277.901,3198	827,926m	827,853m	
25+660,00	1283	195.840,0563	8.277.917,5334	827,650m	827,553m	
25+678,51	1283+18,51	195.850,8957	8.277.932,5420	827,168m	827,463m	
25+680,00	1284	195.851,7660	8.277.933,7471	826,983m	827,463m	
25+682,50	1284+2,50	195.853,2321	8.277.935,7771	826,670m	827,467m	PIV
25+700,00	1285	195.863,4757	8.277.949,9608	827,225m	827,584m	
25+720,00	1286	195.875,1854	8.277.966,1745	828,001m	827,916m	
25+740,00	1287	195.886,8951	8.277.982,3882	828,425m	828,457m	
25+750,52	1287+10,52	195.893,0543	8.277.990,9165	828,751m	828,827m	
25+760,00	1288	195.898,5484	8.277.998,6422	829,228m	829,210m	
25+780,00	1289	195.910,1391	8.278.014,9412	830,242m	830,172m	
25+800,00	1290	195.921,7298	8.278.031,2401	831,256m	831,345m	
25+802,50	1290+2,50	195.923,1810	8.278.033,2807	831,383m	831,507m	PTV
25+820,00	1291	195.933,3206	8.278.047,5390	832,310m	832,648m	
25+840,00	1292	195.944,9113	8.278.063,8379	833,787m	833,953m	
25+860,00	1293	195.956,5020	8.278.080,1368	835,132m	835,258m	
25+880,00	1294	195.968,0928	8.278.096,4358	836,399m	836,562m	
25+900,00	1295	195.979,6835	8.278.112,7347	837,890m	837,867m	
25+920,00	1296	195.991,2743	8.278.129,0336	839,224m	839,172m	
25+940,00	1297	196.002,8650	8.278.145,3325	840,489m	840,477m	
25+960,00	1298	196.014,4557	8.278.161,6314	841,762m	841,781m	
25+980,00	1299	196.026,0465	8.278.177,9304	843,443m	843,086m	
26+000,00	1300	196.037,6372	8.278.194,2293	845,216m	844,391m	
26+020,00	1301	196.049,2279	8.278.210,5282	846,322m	845,695m	
26+040,00	1302	196.060,8187	8.278.226,8271	847,353m	847,000m	

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KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
26+060,00	1303	196.072,4094	8.278.243,1261	848,417m	848,305m	
26+067,00	1303+7,00	196.076,4685	8.278.248,8339	848,863m	848,762m	PCV
26+080,00	1304	196.084,0002	8.278.259,4250	849,727m	849,594m	
26+100,00	1305	196.095,5909	8.278.275,7239	850,959m	850,815m	
26+120,00	1306	196.107,1816	8.278.292,0228	852,371m	851,964m	
26+140,00	1307	196.118,7724	8.278.308,3217	851,817m	853,040m	
26+160,00	1308	196.130,3631	8.278.324,6207	854,939m	854,044m	
26+180,00	1309	196.141,9538	8.278.340,9196	856,730m	854,975m	
26+200,00	1310	196.153,5446	8.278.357,2185	857,959m	855,834m	
26+202,00	1310+2,00	196.154,7060	8.278.358,8516	858,004m	855,916m	PIV
26+220,00	1311	196.165,1353	8.278.373,5174	858,715m	856,620m	
26+240,00	1312	196.176,7261	8.278.389,8163	860,741m	857,333m	
26+260,00	1313	196.188,3168	8.278.406,1153	861,612m	857,974m	
26+280,00	1314	196.199,9075	8.278.422,4142	862,519m	858,542m	
26+300,00	1315	196.211,4983	8.278.438,7131	862,280m	859,038m	
26+320,00	1316	196.223,0890	8.278.455,0120	861,646m	859,461m	
26+337,00	1316+17,00	196.232,9434	8.278.468,8694	861,636m	859,764m	PTV
26+340,00	1317	196.234,6797	8.278.471,3109	861,631m	859,813m	
26+360,00	1318	196.246,2705	8.278.487,6099	861,584m	860,138m	
26+380,00	1319	196.257,8612	8.278.503,9088	861,433m	860,464m	
26+400,00	1320	196.269,4520	8.278.520,2077	861,146m	860,789m	
26+420,00	1321	196.281,0427	8.278.536,5066	859,395m	861,114m	
26+440,00	1322	196.292,6334	8.278.552,8055	860,750m	861,440m	
26+460,00	1323	196.304,2242	8.278.569,1045	861,462m	861,765m	
26+470,50	1323+10,50	196.310,3116	8.278.577,6647	861,836m	861,936m	PCV
26+480,00	1324	196.315,8149	8.278.585,4034	862,147m	862,106m	
26+500,00	1325	196.327,4056	8.278.601,7023	862,544m	862,562m	
26+520,00	1326	196.338,9964	8.278.618,0012	863,457m	863,154m	
26+540,00	1327	196.350,5871	8.278.634,3001	863,732m	863,880m	
26+545,50	1327+5,50	196.353,7769	8.278.638,7856	863,858m	864,104m	PIV
26+547,23	1327+7,23	196.354,7762	8.278.640,1908	863,897m	864,176m	TE
26+560,00	1328	196.362,1727	8.278.650,6027	864,495m	864,741m	
26+580,00	1329	196.373,6812	8.278.666,9597	865,624m	865,738m	
26+600,00	1330	196.384,9934	8.278.683,4530	866,881m	866,868m	
26+620,00	1331	196.395,9859	8.278.700,1607	868,019m	868,134m	
26+620,50	1331+0,50	196.396,2577	8.278.700,5851	868,048m	868,168m	PTV
26+640,00	1332	196.406,5310	8.278.717,1539	869,113m	869,470m	
26+643,00	1332+3,00	196.408,0681	8.278.719,7349	869,221m	869,671m	PCV
26+660,00	1333	196.416,4951	8.278.734,4938	869,871m	870,743m	
26+667,23	1333+7,23	196.419,9263	8.278.740,8557	870,169m	871,161m	EC
26+673,00	1333+13,00	196.422,5962	8.278.745,9772	870,414m	871,478m	PIV
26+680,00	1334	196.425,7432	8.278.752,2254	870,677m	871,842m	
26+700,00	1335	196.434,2077	8.278.770,3441	871,841m	872,765m	
26+703,00	1335+3,00	196.435,4103	8.278.773,0969	871,910m	872,888m	PTV
26+717,51	1335+17,51	196.440,9627	8.278.786,5012	872,378m	873,475m	PCV
26+720,00	1336	196.441,8714	8.278.788,8158	872,477m	873,575m	
26+740,00	1337	196.448,7197	8.278.807,6051	873,206m	874,336m	
26+747,51	1337+7,51	196.451,0789	8.278.814,7384	873,382m	874,603m	PIV

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KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
26+760,00	1338	196.454,7394	8.278.826,6760	873,742m	875,023m	
26+777,51	1338+17,51	196.459,3211	8.278.843,5784	874,790m	875,563m	PTV
26+780,00	1339	196.459,9189	8.278.845,9920	874,800m	875,636m	
26+780,00	1339	196.459,9199	8.278.845,9959	874,799m	875,636m	PCV
26+800,00	1340	196.464,2485	8.278.865,5161	874,971m	876,176m	
26+820,00	1341	196.467,7197	8.278.885,2109	875,977m	876,628m	
26+830,00	1341+10,00	196.469,1318	8.278.895,1146	875,714m	876,822m	PIV
26+840,00	1342	196.470,3259	8.278.905,0388	875,981m	876,993m	
26+860,00	1343	196.472,0622	8.278.924,9617	876,899m	877,271m	
26+880,00	1344	196.472,9253	8.278.944,9414	877,141m	877,461m	
26+880,00	1344	196.472,9253	8.278.944,9454	877,141m	877,461m	PTV
26+891,25	1344+11,25	196.473,0262	8.278.956,1947	877,236m	877,543m	PCV
26+900,00	1345	196.472,9133	8.278.964,9398	877,129m	877,592m	
26+911,10	1345+11,10	196.472,5290	8.278.976,0361	877,107m	877,615m	PB
26+920,00	1346	196.472,0265	8.278.984,9186	877,256m	877,601m	
26+925,59	1346+5,59	196.471,6222	8.278.990,4955	877,297m	877,577m	CE
26+930,00	1346+10,00	196.471,2554	8.278.994,8926	877,272m	877,549m	PIV
26+940,00	1347	196.470,2755	8.279.004,8403	877,301m	877,462m	
26+960,00	1348	196.467,7593	8.279.024,6804	876,825m	877,175m	
26+968,75	1348+8,75	196.466,4548	8.279.033,3366	876,728m	877,004m	PTV
26+980,00	1349	196.464,6250	8.279.044,4326	876,726m	876,765m	
26+990,00	1349+10,00	196.462,8712	8.279.054,2816	876,442m	876,553m	PIV
27+000,00	1350	196.461,0192	8.279.064,1045	876,381m	876,299m	
27+015,00	1350+15,00	196.458,0917	8.279.078,8201	876,228m	875,917m	PCV
27+020,00	1351	196.457,0867	8.279.083,7140	876,177m	875,796m	
27+025,00	1351+5,00	196.456,0686	8.279.088,6133	876,075m	875,686m	PIV
27+035,00	1351+15,00	196.454,0087	8.279.098,3988	875,850m	875,502m	PTV
27+040,00	1352	196.452,9713	8.279.103,2859	875,738m	875,422m	
27+045,59	1352+5,59	196.451,8075	8.279.108,7550	875,612m	875,332m	ET
27+060,00	1353	196.448,8072	8.279.122,8476	875,289m	875,101m	
27+080,00	1354	196.444,6425	8.279.142,4092	874,543m	874,780m	
27+082,50	1354+2,50	196.444,1211	8.279.144,8583	874,549m	874,740m	PCV
27+100,00	1355	196.440,4779	8.279.161,9708	874,436m	874,524m	
27+120,00	1356	196.436,3132	8.279.181,5324	873,700m	874,438m	
27+120,05	1356+0,05	196.436,3038	8.279.181,5764	873,698m	874,438m	
27+140,00	1357	196.432,1485	8.279.201,0940	873,719m	874,523m	
27+160,00	1358	196.427,9839	8.279.220,6556	874,139m	874,780m	
27+172,50	1358+12,50	196.425,3801	8.279.232,8855	874,403m	875,027m	PIV
27+180,00	1359	196.423,8192	8.279.240,2171	874,555m	875,207m	
27+200,00	1360	196.419,6546	8.279.259,7787	875,413m	875,805m	
27+220,00	1361	196.415,4899	8.279.279,3403	876,098m	876,575m	
27+240,00	1362	196.411,3252	8.279.298,9019	877,265m	877,516m	
27+260,00	1363	196.407,1606	8.279.318,4635	878,535m	878,628m	
27+262,50	1363+2,50	196.406,6392	8.279.320,9126	878,649m	878,779m	PTV
27+280,00	1364	196.402,9959	8.279.338,0251	879,534m	879,845m	
27+300,00	1365	196.398,8312	8.279.357,5867	880,980m	881,064m	
27+320,00	1366	196.394,6666	8.279.377,1482	882,558m	882,283m	
27+340,00	1367	196.390,5019	8.279.396,7098	883,783m	883,502m	

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KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
27+360,00	1368	196.386,3373	8.279.416,2714	884,964m	884,721m	
27+380,00	1369	196.382,1726	8.279.435,8330	887,063m	885,939m	
27+389,05	1369+9,05	196.380,2878	8.279.444,6861	887,568m	886,491m	PC
27+400,00	1370	196.378,0437	8.279.455,4021	888,965m	887,158m	
27+420,00	1371	196.374,1291	8.279.475,0151	889,934m	888,377m	
27+440,00	1372	196.370,4538	8.279.494,6744	890,416m	889,596m	
27+460,00	1373	196.367,0184	8.279.514,3770	891,437m	890,815m	
27+480,00	1374	196.363,8234	8.279.534,1201	892,512m	892,034m	
27+481,00	1374+1,00	196.363,6694	8.279.535,1122	892,566m	892,095m	PCV
27+500,00	1375	196.360,8692	8.279.553,9006	893,598m	893,143m	
27+520,00	1376	196.358,1564	8.279.573,7156	894,741m	894,008m	
27+530,00	1376+10,00	196.356,8900	8.279.583,6391	895,332m	894,350m	PIV
27+540,00	1377	196.355,6852	8.279.593,5622	895,952m	894,630m	
27+560,00	1378	196.353,4561	8.279.613,4375	897,024m	895,008m	
27+579,00	1378+19,00	196.351,5625	8.279.632,3468	896,915m	895,141m	PTV
27+580,00	1379	196.351,4693	8.279.633,3384	896,911m	895,143m	
27+580,00	1379	196.351,4690	8.279.633,3424	896,911m	895,143m	PCV
27+583,26	1379+3,26	196.351,1686	8.279.636,5830	896,906m	895,145m	PB
27+600,00	1380	196.349,7253	8.279.653,2621	897,664m	895,092m	
27+620,00	1381	196.348,2242	8.279.673,2056	897,184m	894,889m	
27+640,00	1382	196.346,9663	8.279.693,1659	896,689m	894,535m	
27+660,00	1383	196.345,9517	8.279.713,1400	895,904m	894,029m	
27+660,00	1383	196.345,9516	8.279.713,1440	895,904m	894,029m	PIV
27+680,00	1384	196.345,1807	8.279.733,1250	895,206m	893,371m	
27+700,00	1385	196.344,6533	8.279.753,1179	894,979m	892,562m	
27+720,00	1386	196.344,3695	8.279.773,1158	892,745m	891,602m	
27+740,00	1387	196.344,3295	8.279.793,1156	890,803m	890,489m	
27+740,00	1387	196.344,3296	8.279.793,1196	890,803m	890,489m	PTV
27+760,00	1388	196.344,5333	8.279.813,1144	888,939m	889,301m	
27+780,00	1389	196.344,9808	8.279.833,1093	887,556m	888,113m	
27+800,00	1390	196.345,6719	8.279.853,0972	887,107m	886,925m	
27+820,00	1391	196.346,6066	8.279.873,0753	886,661m	885,737m	
27+840,00	1392	196.347,7847	8.279.893,0404	884,351m	884,549m	
27+846,00	1392+6,00	196.348,1858	8.279.899,0310	883,972m	884,193m	PCV
27+860,00	1393	196.349,2060	8.279.912,9897	882,459m	883,445m	
27+863,43	1393+3,43	196.349,4741	8.279.916,4081	882,332m	883,287m	PT
27+880,00	1394	196.350,7870	8.279.932,9271	881,682m	882,666m	
27+896,00	1394+16,00	196.352,0549	8.279.948,8808	880,775m	882,288m	PIV
27+900,00	1395	196.352,3715	8.279.952,8643	880,080m	882,228m	
27+915,67	1395+15,67	196.353,6133	8.279.968,4887	880,434m	882,123m	
27+920,00	1396	196.353,9561	8.279.972,8014	881,006m	882,131m	
27+940,00	1397	196.355,5406	8.279.992,7385	881,239m	882,376m	
27+946,00	1397+6,00	196.356,0163	8.279.998,7237	881,389m	882,516m	PTV
27+960,00	1398	196.357,1251	8.280.012,6757	881,758m	882,878m	
27+980,00	1399	196.358,7097	8.280.032,6128	883,201m	883,395m	
28+000,00	1400	196.360,2942	8.280.052,5499	883,759m	883,912m	
28+007,77	1400+7,77	196.360,9095	8.280.060,2915	884,661m	884,113m	PC
28+012,00	1400+12,00	196.361,3144	8.280.064,5099	885,132m	884,222m	PCV

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KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
28+020,00	1401	196.362,4539	8.280.072,4230	885,912m	884,414m	
28+040,00	1402	196.367,4221	8.280.091,7756	887,030m	884,759m	
28+042,89	1402+2,89	196.368,3853	8.280.094,5000	887,120m	884,793m	PT
28+060,00	1403	196.374,2684	8.280.110,5670	891,934m	884,914m	
28+066,18	1403+6,18	196.376,3942	8.280.116,3728	893,239m	884,923m	PB
28+080,00	1404	196.381,1451	8.280.129,3477	893,702m	884,877m	
28+100,00	1405	196.388,0218	8.280.148,1283	892,287m	884,650m	
28+104,50	1405+4,50	196.389,5704	8.280.152,3577	891,788m	884,572m	PIV
28+113,12	1405+13,12	196.392,5343	8.280.160,4522	890,834m	884,397m	PC
28+120,00	1406	196.394,8453	8.280.166,9280	889,916m	884,232m	
28+140,00	1407	196.400,9589	8.280.185,9687	887,100m	883,623m	
28+160,00	1408	196.406,1561	8.280.205,2796	884,389m	882,822m	
28+180,00	1409	196.410,4251	8.280.224,8168	881,907m	881,831m	
28+197,00	1409+17,00	196.413,3172	8.280.241,5718	880,011m	880,839m	PTV
28+200,00	1410	196.413,7561	8.280.244,5355	879,680m	880,651m	
28+220,00	1411	196.416,1416	8.280.264,3908	877,201m	879,403m	
28+240,00	1412	196.417,5760	8.280.284,3374	875,084m	878,154m	
28+260,00	1413	196.418,0562	8.280.304,3297	873,033m	876,905m	
28+280,00	1414	196.417,5810	8.280.324,3222	871,164m	875,656m	
28+300,00	1415	196.416,1514	8.280.344,2691	869,985m	874,407m	
28+320,00	1416	196.413,7709	8.280.364,1250	868,524m	873,158m	
28+330,00	1416+10,00	196.412,2249	8.280.374,0086	867,935m	872,534m	PCV
28+340,00	1417	196.410,4447	8.280.383,8446	867,636m	871,901m	
28+340,58	1417+0,58	196.410,3341	8.280.384,4145	867,620m	871,864m	PCC
28+360,00	1418	196.407,1080	8.280.403,5620	866,986m	870,588m	
28+360,00	1418	196.407,1074	8.280.403,5659	866,985m	870,588m	PIV
28+380,00	1419	196.404,8085	8.280.423,4270	866,038m	869,210m	
28+390,00	1419+10,00	196.404,0499	8.280.433,4019	865,536m	868,497m	PTV
28+393,31	1419+13,31	196.403,8567	8.280.436,7023	865,356m	868,259m	PCV
28+400,00	1420	196.403,5534	8.280.443,3853	864,803m	867,780m	
28+420,00	1421	196.403,3461	8.280.463,3819	863,426m	866,388m	
28+440,00	1422	196.404,1873	8.280.483,3619	863,507m	865,057m	
28+444,20	1422+4,20	196.404,4971	8.280.487,5522	863,438m	864,785m	PT
28+460,00	1423	196.405,7487	8.280.503,3008	862,112m	863,786m	
28+480,00	1424	196.407,3333	8.280.523,2380	861,241m	862,577m	
28+493,31	1424+13,31	196.408,3878	8.280.536,5061	860,846m	861,805m	PIV
28+500,00	1425	196.408,9178	8.280.543,1751	860,463m	861,428m	
28+520,00	1426	196.410,5023	8.280.563,1122	859,046m	860,339m	
28+540,00	1427	196.412,0869	8.280.583,0494	857,822m	859,311m	
28+560,00	1428	196.413,6714	8.280.602,9865	856,595m	858,344m	
28+580,00	1429	196.415,2560	8.280.622,9236	855,488m	857,437m	
28+593,31	1429+13,31	196.416,3105	8.280.636,1918	854,810m	856,867m	PTV
28+600,00	1430	196.416,8405	8.280.642,8608	854,468m	856,588m	
28+620,00	1431	196.418,4250	8.280.662,7979	853,530m	855,752m	
28+640,00	1432	196.420,0096	8.280.682,7350	852,359m	854,916m	
28+660,00	1433	196.421,5941	8.280.702,6722	851,448m	854,080m	
28+680,00	1434	196.423,1787	8.280.722,6093	851,022m	853,244m	
28+700,00	1435	196.424,7632	8.280.742,5464	850,052m	852,408m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
28+708,92	1435+8,92	196.425,4696	8.280.751,4345	850,312m	852,035m	PC
28+717,56	1435+17,56	196.426,3714	8.280.760,0303	850,553m	851,674m	PCV
28+720,00	1436	196.426,7043	8.280.762,4475	850,617m	851,572m	
28+740,00	1437	196.430,7208	8.280.782,0284	850,680m	850,795m	
28+757,56	1437+17,56	196.436,1069	8.280.798,7339	850,179m	850,189m	PIV
28+760,00	1438	196.436,9897	8.280.801,0086	850,055m	850,111m	
28+780,00	1439	196.445,4257	8.280.819,1299	849,661m	849,520m	
28+797,56	1439+17,56	196.454,5290	8.280.834,1370	849,256m	849,080m	PTV
28+800,00	1440	196.455,9140	8.280.836,1458	849,141m	849,023m	
28+820,00	1441	196.468,3120	8.280.851,8249	848,263m	848,563m	
28+824,86	1441+4,86	196.471,5934	8.280.855,4073	848,048m	848,451m	PCV
28+840,00	1442	196.482,4511	8.280.865,9541	847,315m	848,081m	
28+860,00	1443	196.498,1390	8.280.878,3410	846,470m	847,529m	
28+864,86	1443+4,86	196.502,1598	8.280.881,0674	846,498m	847,384m	PIV
28+880,00	1444	196.515,1623	8.280.888,8174	846,485m	846,905m	
28+900,00	1445	196.533,2895	8.280.897,2406	846,931m	846,208m	
28+904,86	1445+4,86	196.537,8319	8.280.898,9632	846,974m	846,028m	PTV
28+918,06	1445+18,06	196.550,4021	8.280.902,9868	847,101m	845,532m	PCV
28+920,00	1446	196.552,2741	8.280.903,4961	847,122m	845,460m	
28+938,06	1446+18,06	196.569,9394	8.280.907,2110	847,417m	844,851m	PIV
28+940,00	1447	196.571,8579	8.280.907,4989	847,460m	844,792m	
28+958,06	1447+18,06	196.589,8355	8.280.909,1319	847,819m	844,309m	PTV
28+960,00	1448	196.591,7745	8.280.909,1945	847,743m	844,263m	
28+960,04	1448+0,04	196.591,8141	8.280.909,1955	847,741m	844,262m	PT
28+975,00	1448+15,00	196.606,7733	8.280.909,5898	847,129m	843,909m	PCV
28+980,00	1449	196.611,7675	8.280.909,7215	846,924m	843,786m	
29+000,00	1450	196.631,7606	8.280.910,2485	846,677m	843,201m	
29+005,00	1450+5,00	196.636,7628	8.280.910,3804	846,622m	843,030m	PIV
29+020,00	1451	196.651,7536	8.280.910,7756	846,043m	842,464m	
29+035,00	1451+15,00	196.666,7524	8.280.911,1709	844,337m	841,812m	PTV
29+040,00	1452	196.671,7467	8.280.911,3026	843,769m	841,580m	
29+060,00	1453	196.691,7398	8.280.911,8296	841,306m	840,655m	
29+080,00	1454	196.711,7328	8.280.912,3567	839,066m	839,729m	
29+100,00	1455	196.731,7259	8.280.912,8837	836,855m	838,803m	
29+120,00	1456	196.751,7189	8.280.913,4107	835,080m	837,877m	
29+140,00	1457	196.771,7120	8.280.913,9378	833,312m	836,951m	
29+148,07	1457+8,07	196.779,7798	8.280.914,1504	832,810m	836,578m	PC
29+160,00	1458	196.791,7028	8.280.914,5390	832,182m	836,025m	
29+165,00	1458+5,00	196.796,7025	8.280.914,7461	831,928m	835,794m	PCV
29+180,00	1459	196.811,6782	8.280.915,5232	831,178m	835,145m	
29+200,00	1460	196.831,6287	8.280.916,9239	830,433m	834,424m	
29+220,00	1461	196.851,5457	8.280.918,7406	829,856m	833,866m	
29+240,00	1462	196.871,4204	8.280.920,9723	829,464m	833,471m	
29+260,00	1463	196.891,2442	8.280.923,6182	829,151m	833,239m	
29+270,00	1463+10,00	196.901,1383	8.280.925,0967	829,057m	833,185m	PIV
29+278,33	1463+18,33	196.909,3625	8.280.926,4062	829,139m	833,171m	
29+280,00	1464	196.911,0086	8.280.926,6771	829,137m	833,171m	
29+300,00	1465	196.930,7048	8.280.930,1476	828,001m	833,267m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
29+320,00	1466	196.950,3243	8.280.934,0283	828,176m	833,525m	
29+340,00	1467	196.969,8586	8.280.938,3175	828,589m	833,947m	
29+360,00	1468	196.989,2991	8.280.943,0133	828,994m	834,533m	
29+375,00	1468+15,00	197.003,8168	8.280.946,8017	829,430m	835,079m	PTV
29+380,00	1469	197.008,6375	8.280.948,1136	829,639m	835,277m	
29+400,00	1470	197.027,8652	8.280.953,6162	830,775m	836,066m	
29+420,00	1471	197.046,9740	8.280.959,5188	832,048m	836,856m	
29+440,00	1472	197.065,9555	8.280.965,8188	833,351m	837,646m	
29+460,00	1473	197.084,8014	8.280.972,5133	834,343m	838,436m	
29+464,00	1473+4,00	197.088,5573	8.280.973,9008	834,451m	838,594m	PCV
29+480,00	1474	197.103,5035	8.280.979,5996	834,927m	839,191m	
29+500,00	1475	197.122,0538	8.280.987,0745	835,615m	839,842m	
29+500,97	1475+0,97	197.122,9526	8.280.987,4482	835,643m	839,871m	PT
29+520,00	1476	197.140,5177	8.280.994,7610	836,178m	840,386m	
29+540,00	1477	197.158,9815	8.281.002,4479	836,612m	840,823m	
29+560,00	1478	197.177,4453	8.281.010,1348	836,052m	841,153m	
29+580,00	1479	197.195,9091	8.281.017,8217	835,534m	841,376m	
29+584,00	1479+4,00	197.199,6056	8.281.019,3606	835,430m	841,408m	PIV
29+600,00	1480	197.214,3729	8.281.025,5086	835,016m	841,493m	
29+611,76	1480+11,76	197.225,2308	8.281.030,0290	834,703m	841,511m	PB
29+620,00	1481	197.232,8367	8.281.033,1955	834,577m	841,502m	
29+640,00	1482	197.251,3005	8.281.040,8824	837,954m	841,405m	
29+660,00	1483	197.269,7642	8.281.048,5694	841,189m	841,200m	
29+680,00	1484	197.288,2280	8.281.056,2563	841,562m	840,889m	
29+700,00	1485	197.306,6918	8.281.063,9432	841,923m	840,471m	
29+704,00	1485+4,00	197.310,3883	8.281.065,4821	842,003m	840,374m	PTV
29+720,00	1486	197.325,1556	8.281.071,6301	842,323m	839,980m	
29+740,00	1487	197.343,6194	8.281.079,3170	842,827m	839,487m	
29+760,00	1488	197.362,0832	8.281.087,0039	840,208m	838,994m	
29+780,00	1489	197.380,5470	8.281.094,6908	838,737m	838,501m	
29+800,00	1490	197.399,0108	8.281.102,3777	838,348m	838,008m	
29+820,00	1491	197.417,4745	8.281.110,0646	838,005m	837,515m	
29+840,00	1492	197.435,9383	8.281.117,7515	838,051m	837,022m	
29+860,00	1493	197.454,4021	8.281.125,4384	838,214m	836,529m	
29+880,00	1494	197.472,8659	8.281.133,1253	838,238m	836,036m	
29+900,00	1495	197.491,3297	8.281.140,8123	838,099m	835,543m	
29+920,00	1496	197.509,7935	8.281.148,4992	837,591m	835,049m	
29+940,00	1497	197.528,2573	8.281.156,1861	837,287m	834,556m	
29+960,00	1498	197.546,7211	8.281.163,8730	834,725m	834,063m	
29+980,00	1499	197.565,1848	8.281.171,5599	833,788m	833,570m	
30+000,00	1500	197.583,6486	8.281.179,2468	834,014m	833,077m	
30+006,65	1500+6,65	197.589,7922	8.281.181,8045	834,072m	832,913m	PCV
30+020,00	1501	197.602,1124	8.281.186,9337	834,189m	832,562m	
30+040,00	1502	197.620,5762	8.281.194,6206	834,438m	831,952m	
30+060,00	1503	197.639,0400	8.281.202,3075	836,155m	831,241m	
30+080,00	1504	197.657,5038	8.281.209,9944	836,914m	830,431m	
30+100,00	1505	197.675,9676	8.281.217,6813	836,237m	829,519m	
30+120,00	1506	197.694,4314	8.281.225,3682	836,272m	828,508m	

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KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
30+136,65	1506+16,65	197.709,8068	8.281.231,7694	836,006m	827,589m	PIV
30+140,00	1507	197.712,8951	8.281.233,0552	835,785m	827,396m	
30+160,00	1508	197.731,3589	8.281.240,7421	834,519m	826,184m	
30+180,00	1509	197.749,8227	8.281.248,4290	833,308m	824,872m	
30+200,00	1510	197.768,2865	8.281.256,1159	832,343m	823,459m	
30+220,00	1511	197.786,7503	8.281.263,8028	831,226m	821,946m	
30+240,00	1512	197.805,2141	8.281.271,4897	830,479m	820,333m	
30+260,00	1513	197.823,6779	8.281.279,1766	829,329m	818,620m	
30+266,65	1513+6,65	197.829,8214	8.281.281,7343	828,430m	818,027m	PTV
30+280,00	1514	197.842,1417	8.281.286,8635	826,546m	816,828m	
30+300,00	1515	197.860,6054	8.281.294,5504	823,655m	815,031m	
30+320,00	1516	197.879,0692	8.281.302,2373	820,508m	813,234m	
30+340,00	1517	197.897,5330	8.281.309,9242	816,884m	811,437m	
30+360,00	1518	197.915,9968	8.281.317,6111	813,249m	809,639m	
30+380,00	1519	197.934,4606	8.281.325,2981	809,991m	807,842m	
30+400,00	1520	197.952,9244	8.281.332,9850	807,199m	806,045m	
30+420,00	1521	197.971,3882	8.281.340,6719	804,794m	804,248m	
30+440,00	1522	197.989,8520	8.281.348,3588	802,785m	802,451m	
30+460,00	1523	198.008,3157	8.281.356,0457	800,789m	800,654m	
30+480,00	1524	198.026,7795	8.281.363,7326	798,832m	798,857m	
30+490,10	1524+10,10	198.036,1034	8.281.367,6144	797,873m	797,949m	PCV
30+500,00	1525	198.045,2433	8.281.371,4195	796,824m	797,067m	
30+520,00	1526	198.063,7071	8.281.379,1064	794,841m	795,332m	
30+540,00	1527	198.082,1709	8.281.386,7933	793,037m	793,660m	
30+545,10	1527+5,10	198.086,8788	8.281.388,7534	792,585m	793,244m	PIV
30+560,00	1528	198.100,6347	8.281.394,4802	791,383m	792,050m	
30+580,00	1529	198.119,0985	8.281.402,1671	790,125m	790,503m	
30+600,00	1530	198.137,5623	8.281.409,8540	788,966m	789,019m	
30+600,10	1530+0,10	198.137,6542	8.281.409,8924	788,961m	789,012m	PTV
30+620,00	1531	198.156,0260	8.281.417,5410	787,752m	787,566m	
30+640,00	1532	198.174,4898	8.281.425,2279	786,443m	786,113m	
30+660,00	1533	198.192,9536	8.281.432,9148	785,104m	784,660m	
30+680,00	1534	198.211,4174	8.281.440,6017	783,645m	783,207m	
30+700,00	1535	198.229,8812	8.281.448,2886	782,105m	781,754m	
30+720,00	1536	198.248,3450	8.281.455,9755	780,532m	780,302m	
30+740,00	1537	198.266,8088	8.281.463,6624	779,004m	778,849m	
30+760,00	1538	198.285,2725	8.281.471,3493	777,482m	777,396m	
30+780,00	1539	198.303,7363	8.281.479,0362	775,976m	775,943m	
30+800,00	1540	198.322,2001	8.281.486,7231	774,260m	774,490m	
30+820,00	1541	198.340,6639	8.281.494,4100	772,951m	773,037m	
30+840,00	1542	198.359,1277	8.281.502,0970	770,807m	771,584m	
30+851,50	1542+11,50	198.369,7481	8.281.506,5185	769,157m	770,749m	PCV
30+860,00	1543	198.377,5915	8.281.509,7839	767,939m	770,163m	
30+876,75	1543+16,75	198.393,0537	8.281.516,2212	766,436m	769,193m	PC
30+880,00	1544	198.396,0321	8.281.517,5247	766,176m	769,033m	
30+891,50	1544+11,50	198.406,1509	8.281.522,9810	766,415m	768,541m	PIV
30+899,94	1544+19,94	198.413,0819	8.281.527,7768	766,197m	768,254m	PT
30+900,00	1545	198.413,1331	8.281.527,8160	766,198m	768,252m	

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KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
30+920,00	1546	198.429,0290	8.281.539,9536	766,554m	767,821m	
30+920,74	1546+0,74	198.429,6143	8.281.540,4005	766,620m	767,812m	PC
30+931,50	1546+11,50	198.438,5288	8.281.546,4276	767,170m	767,731m	PTV
30+940,00	1547	198.446,0447	8.281.550,3818	767,020m	767,707m	
30+944,70	1547+4,70	198.450,3560	8.281.552,2497	766,911m	767,694m	PT
30+960,00	1548	198.464,5315	8.281.558,0092	766,539m	767,652m	
30+980,00	1549	198.483,0606	8.281.565,5376	762,488m	767,596m	
31+000,00	1550	198.501,5896	8.281.573,0659	767,290m	767,540m	
31+017,09	1550+17,09	198.517,4224	8.281.579,4988	767,360m	767,492m	PC
31+020,00	1551	198.520,1349	8.281.580,5528	767,360m	767,484m	
31+038,55	1551+18,55	198.538,0712	8.281.585,1408	765,913m	767,432m	PT
31+040,00	1552	198.539,5083	8.281.585,3543	765,679m	767,428m	
31+060,00	1553	198.559,2911	8.281.588,2941	765,372m	767,372m	
31+062,41	1553+2,41	198.561,6725	8.281.588,6480	765,389m	767,366m	PC
31+079,14	1553+19,14	198.577,7534	8.281.593,1159	766,092m	767,319m	PCC
31+080,00	1554	198.578,5474	8.281.593,4461	766,124m	767,316m	
31+100,00	1555	198.597,1001	8.281.600,9147	767,374m	767,261m	
31+120,00	1556	198.615,8106	8.281.607,9789	769,404m	767,205m	
31+140,00	1557	198.634,6699	8.281.614,6353	769,658m	767,149m	
31+140,00	1557	198.634,6737	8.281.614,6366	769,658m	767,149m	PCV
31+146,72	1557+6,72	198.641,0345	8.281.616,7784	769,579m	767,140m	
31+160,00	1558	198.653,6694	8.281.620,8808	769,443m	767,176m	
31+180,00	1559	198.672,7999	8.281.626,7125	769,669m	767,370m	
31+200,00	1560	198.692,0524	8.281.632,1276	769,851m	767,730m	
31+220,00	1561	198.711,4180	8.281.637,1235	770,082m	768,257m	
31+235,00	1561+15,00	198.726,0147	8.281.640,5949	770,310m	768,761m	PIV
31+240,00	1562	198.730,8874	8.281.641,6980	770,379m	768,950m	
31+260,00	1563	198.750,4515	8.281.645,8488	770,943m	769,809m	
31+280,00	1564	198.770,1011	8.281.649,5740	771,494m	770,835m	
31+300,00	1565	198.789,8270	8.281.652,8718	771,770m	772,027m	
31+320,00	1566	198.809,6197	8.281.655,7407	772,040m	773,385m	
31+330,00	1566+10,00	198.819,5423	8.281.657,0144	771,444m	774,127m	PTV
31+340,00	1567	198.829,4701	8.281.658,1794	770,610m	774,890m	
31+360,00	1568	198.849,3687	8.281.660,1866	770,539m	776,415m	
31+380,00	1569	198.869,3062	8.281.661,7615	772,121m	777,940m	
31+400,00	1570	198.889,2732	8.281.662,9033	773,386m	779,465m	
31+420,00	1571	198.909,2603	8.281.663,6114	774,864m	780,990m	
31+440,00	1572	198.929,2580	8.281.663,8855	776,741m	782,515m	
31+460,00	1573	198.949,2570	8.281.663,7256	778,853m	784,040m	
31+480,00	1574	198.969,2478	8.281.663,1316	780,734m	785,565m	
31+500,00	1575	198.989,2210	8.281.662,1039	783,388m	787,090m	
31+520,00	1576	199.009,1671	8.281.660,6429	786,159m	788,615m	
31+540,00	1577	199.029,0769	8.281.658,7494	788,409m	790,140m	
31+560,00	1578	199.048,9409	8.281.656,4241	790,978m	791,665m	
31+569,31	1578+9,31	199.058,1693	8.281.655,1948	792,148m	792,375m	PCV
31+580,00	1579	199.068,7497	8.281.653,6683	793,530m	793,175m	
31+600,00	1580	199.088,4941	8.281.650,4832	796,172m	794,588m	
31+620,00	1581	199.108,1646	8.281.646,8703	798,356m	795,895m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
31+640,00	1582	199.127,7521	8.281.642,8313	800,609m	797,094m	
31+660,00	1583	199.147,2474	8.281.638,3681	802,957m	798,185m	
31+680,00	1584	199.166,6412	8.281.633,4828	804,518m	799,169m	
31+689,31	1584+9,31	199.175,6318	8.281.631,0654	805,061m	799,590m	PIV
31+700,00	1585	199.185,9243	8.281.628,1778	805,669m	800,046m	
31+720,00	1586	199.205,0878	8.281.622,4554	806,755m	800,815m	
31+740,00	1587	199.224,1226	8.281.616,3185	807,566m	801,476m	
31+758,92	1587+18,92	199.242,0062	8.281.610,1329	808,213m	802,003m	PT
31+760,00	1588	199.243,0199	8.281.609,7705	808,249m	802,030m	
31+780,00	1589	199.261,8530	8.281.603,0391	808,692m	802,477m	
31+800,00	1590	199.280,6862	8.281.596,3076	807,399m	802,816m	
31+809,31	1590+9,31	199.289,4530	8.281.593,1742	806,724m	802,937m	PTV
31+820,00	1591	199.299,5194	8.281.589,5762	806,238m	803,063m	
31+840,00	1592	199.318,3525	8.281.582,8448	804,901m	803,298m	
31+860,00	1593	199.337,1857	8.281.576,1133	804,234m	803,534m	
31+880,00	1594	199.356,0188	8.281.569,3819	804,302m	803,769m	
31+900,00	1595	199.374,8520	8.281.562,6504	803,706m	804,004m	
31+920,00	1596	199.393,6851	8.281.555,9190	802,453m	804,240m	
31+940,00	1597	199.412,5183	8.281.549,1875	802,145m	804,475m	
31+943,31	1597+3,31	199.415,6352	8.281.548,0735	802,146m	804,514m	PCV
31+960,00	1598	199.431,3514	8.281.542,4561	802,373m	804,725m	
31+980,00	1599	199.450,1846	8.281.535,7247	803,422m	805,017m	
32+000,00	1600	199.469,0177	8.281.528,9932	805,125m	805,350m	
32+003,31	1600+3,31	199.472,1346	8.281.527,8792	805,242m	805,409m	PIV
32+020,00	1601	199.487,8509	8.281.522,2618	805,906m	805,726m	
32+040,00	1602	199.506,6841	8.281.515,5303	806,797m	806,144m	
32+060,00	1603	199.525,5172	8.281.508,7989	808,148m	806,603m	
32+063,31	1603+3,31	199.528,6341	8.281.507,6848	808,391m	806,684m	PTV
32+080,00	1604	199.544,3504	8.281.502,0675	809,477m	807,091m	
32+100,00	1605	199.563,1835	8.281.495,3360	811,104m	807,579m	
32+103,31	1605+3,31	199.566,3004	8.281.494,2220	811,429m	807,659m	PCV
32+120,00	1606	199.582,0167	8.281.488,6046	813,068m	808,116m	
32+140,00	1607	199.600,8498	8.281.481,8731	814,586m	808,796m	
32+143,31	1607+3,31	199.603,9667	8.281.480,7591	814,832m	808,923m	PIV
32+160,00	1608	199.619,6830	8.281.475,1417	815,166m	809,620m	
32+180,00	1609	199.638,5161	8.281.468,4102	815,347m	810,588m	
32+183,31	1609+3,31	199.641,6330	8.281.467,2962	815,474m	810,762m	PTV
32+189,11	1609+9,11	199.647,0988	8.281.465,3426	815,560m	811,071m	PC
32+200,00	1610	199.657,3717	8.281.461,7424	815,283m	811,649m	
32+220,00	1611	199.676,3591	8.281.455,4606	814,685m	812,713m	
32+227,16	1611+7,16	199.683,1888	8.281.453,3177	814,446m	813,094m	PCV
32+240,00	1612	199.695,4846	8.281.449,6127	814,193m	813,730m	
32+242,16	1612+2,16	199.697,5561	8.281.449,0078	814,148m	813,828m	PIV
32+257,16	1612+17,16	199.711,9949	8.281.444,9438	813,662m	814,437m	PTV
32+260,00	1613	199.714,7383	8.281.444,2016	813,568m	814,541m	
32+280,00	1614	199.734,1101	8.281.439,2301	813,032m	815,268m	
32+300,00	1615	199.753,5900	8.281.434,7009	815,086m	815,996m	
32+320,00	1616	199.773,1680	8.281.430,6162	816,168m	816,724m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
32+340,00	1617	199.792,8339	8.281.426,9782	816,948m	817,452m	
32+360,00	1618	199.812,5776	8.281.423,7888	817,740m	818,180m	
32+380,00	1619	199.832,3887	8.281.421,0496	818,578m	818,908m	
32+400,00	1620	199.852,2570	8.281.418,7620	819,524m	819,636m	
32+420,00	1621	199.872,1722	8.281.416,9273	820,469m	820,364m	
32+440,00	1622	199.892,1240	8.281.415,5463	821,213m	821,092m	
32+460,00	1623	199.912,1021	8.281.414,6199	821,411m	821,819m	
32+480,00	1624	199.932,0961	8.281.414,1484	821,740m	822,547m	
32+500,00	1625	199.952,0957	8.281.414,1321	822,253m	823,275m	
32+520,00	1626	199.972,0905	8.281.414,5710	822,793m	824,003m	
32+540,00	1627	199.992,0700	8.281.415,4650	823,174m	824,731m	
32+560,00	1628	200.012,0241	8.281.416,8135	823,733m	825,459m	
32+572,56	1628+12,56	200.024,5376	8.281.417,8924	824,025m	825,916m	PCV
32+580,00	1629	200.031,9423	8.281.418,6158	824,185m	826,164m	
32+582,56	1629+2,56	200.034,4887	8.281.418,8792	824,237m	826,238m	PIV
32+592,56	1629+12,56	200.044,4280	8.281.419,9792	824,610m	826,477m	PTV
32+600,00	1630	200.051,8143	8.281.420,8710	825,074m	826,624m	
32+610,56	1630+10,56	200.062,2797	8.281.422,2434	825,716m	826,832m	PT
32+620,00	1631	200.071,6369	8.281.423,5277	826,279m	827,018m	
32+640,00	1632	200.091,4511	8.281.426,2472	827,428m	827,413m	
32+644,56	1632+4,56	200.095,9688	8.281.426,8672	827,691m	827,502m	PCV
32+660,00	1633	200.111,2654	8.281.428,9667	828,581m	827,859m	
32+664,56	1633+4,56	200.115,7830	8.281.429,5868	828,844m	827,984m	PIV
32+680,00	1634	200.131,0796	8.281.431,6862	829,520m	828,475m	
32+684,56	1634+4,56	200.135,5973	8.281.432,3063	829,695m	828,640m	PTV
32+700,00	1635	200.150,8939	8.281.434,4058	830,289m	829,214m	
32+720,00	1636	200.170,7081	8.281.437,1253	831,115m	829,957m	
32+740,00	1637	200.190,5224	8.281.439,8448	831,807m	830,700m	
32+750,31	1637+10,31	200.200,7366	8.281.441,2467	832,133m	831,083m	PCV
32+760,00	1638	200.210,3366	8.281.442,5643	832,415m	831,437m	
32+780,00	1639	200.230,1508	8.281.445,2838	832,997m	832,126m	
32+800,00	1640	200.249,9651	8.281.448,0034	833,427m	832,761m	
32+820,00	1641	200.269,7793	8.281.450,7229	833,779m	833,340m	
32+840,00	1642	200.289,5936	8.281.453,4424	834,290m	833,866m	
32+860,00	1643	200.309,4078	8.281.456,1619	834,911m	834,336m	
32+880,00	1644	200.329,2221	8.281.458,8815	835,368m	834,751m	
32+900,00	1645	200.349,0363	8.281.461,6010	835,782m	835,112m	
32+920,00	1646	200.368,8505	8.281.464,3205	836,047m	835,418m	
32+920,31	1646+0,31	200.369,1577	8.281.464,3627	836,050m	835,423m	PIV
32+940,00	1647	200.388,6648	8.281.467,0400	836,240m	835,670m	
32+960,00	1648	200.408,4790	8.281.469,7596	836,492m	835,866m	
32+980,00	1649	200.428,2933	8.281.472,4791	836,751m	836,008m	
33+000,00	1650	200.448,1075	8.281.475,1986	836,636m	836,096m	
33+020,00	1651	200.467,9217	8.281.477,9181	836,403m	836,128m	
33+021,84	1651+1,84	200.469,7478	8.281.478,1687	836,382m	836,128m	PB
33+040,00	1652	200.487,7360	8.281.480,6376	836,134m	836,106m	
33+060,00	1653	200.507,5502	8.281.483,3572	835,865m	836,029m	
33+080,00	1654	200.527,3645	8.281.486,0767	835,659m	835,897m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
33+090,31	1654+10,31	200.537,5787	8.281.487,4786	835,551m	835,807m	PTV
33+100,00	1655	200.547,1787	8.281.488,7962	835,449m	835,717m	
33+120,00	1656	200.566,9930	8.281.491,5157	835,187m	835,529m	
33+140,00	1657	200.586,8072	8.281.494,2353	834,964m	835,342m	
33+159,31	1657+19,31	200.605,9379	8.281.496,8610	834,760m	835,161m	PCV
33+160,00	1658	200.606,6214	8.281.496,9548	834,752m	835,154m	
33+180,00	1659	200.626,4357	8.281.499,6743	834,549m	834,997m	
33+200,00	1660	200.646,2499	8.281.502,3938	834,348m	834,894m	
33+220,00	1661	200.666,0642	8.281.505,1134	835,015m	834,847m	
33+226,94	1661+6,94	200.672,9372	8.281.506,0567	834,988m	834,844m	
33+229,31	1661+9,31	200.675,2877	8.281.506,3793	834,892m	834,844m	PIV
33+240,00	1662	200.685,8784	8.281.507,8329	834,295m	834,856m	
33+260,00	1663	200.705,6927	8.281.510,5524	832,883m	834,920m	
33+280,00	1664	200.725,5069	8.281.513,2719	834,221m	835,039m	
33+299,31	1664+19,31	200.744,6375	8.281.515,8976	834,493m	835,207m	PTV
33+300,00	1665	200.745,3211	8.281.515,9914	834,494m	835,214m	
33+320,00	1666	200.765,1354	8.281.518,7110	834,545m	835,414m	
33+340,00	1667	200.784,9496	8.281.521,4305	834,794m	835,615m	
33+360,00	1668	200.804,7639	8.281.524,1500	835,043m	835,815m	
33+380,00	1669	200.824,5781	8.281.526,8695	835,497m	836,016m	
33+400,00	1670	200.844,3923	8.281.529,5891	835,968m	836,217m	
33+420,00	1671	200.864,2066	8.281.532,3086	836,387m	836,417m	
33+439,31	1671+19,31	200.883,3372	8.281.534,9343	836,793m	836,611m	PCV
33+440,00	1672	200.884,0208	8.281.535,0281	836,807m	836,618m	
33+460,00	1673	200.903,8351	8.281.537,7476	836,719m	836,770m	
33+480,00	1674	200.923,6493	8.281.540,4671	836,576m	836,833m	
33+483,99	1674+3,99	200.927,6066	8.281.541,0103	836,559m	836,835m	PB
33+494,31	1674+14,31	200.937,8264	8.281.542,4130	836,549m	836,823m	PIV
33+500,00	1675	200.943,4636	8.281.543,1867	836,543m	836,806m	
33+520,00	1676	200.963,2778	8.281.545,9062	836,524m	836,689m	
33+540,00	1677	200.983,0920	8.281.548,6257	836,286m	836,483m	
33+549,31	1677+9,31	200.992,3156	8.281.549,8917	836,155m	836,356m	PTV
33+554,78	1677+14,78	200.997,7335	8.281.550,6353	836,078m	836,276m	PC
33+558,81	1677+18,81	201.001,7292	8.281.551,1696	836,022m	836,217m	PCV
33+560,00	1678	201.002,9094	8.281.551,3220	836,005m	836,199m	
33+573,81	1678+13,81	201.016,6270	8.281.552,9141	835,774m	835,884m	PIV
33+580,00	1679	201.022,7871	8.281.553,5218	835,631m	835,681m	
33+588,81	1679+8,81	201.031,5648	8.281.554,2736	835,428m	835,327m	PTV
33+592,07	1679+12,07	201.034,8157	8.281.554,5181	835,353m	835,181m	PCV
33+600,00	1680	201.042,7286	8.281.555,0367	835,170m	834,838m	
33+607,07	1680+7,07	201.049,7888	8.281.555,4079	835,007m	834,552m	PIV
33+620,00	1681	201.062,7105	8.281.555,8648	834,710m	834,078m	
33+622,07	1681+2,07	201.064,7800	8.281.555,9112	834,665m	834,008m	PTV
33+624,81	1681+4,81	201.067,5152	8.281.555,9613	834,505m	833,916m	PCV
33+640,00	1682	201.082,7090	8.281.556,0051	833,616m	833,371m	
33+654,81	1682+14,81	201.097,5104	8.281.555,6659	832,641m	832,769m	PIV
33+660,00	1683	201.102,7005	8.281.555,4576	831,748m	832,542m	
33+680,00	1684	201.122,6614	8.281.554,2229	831,253m	831,587m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
33+684,81	1684+4,81	201.127,4504	8.281.553,8239	831,026m	831,339m	PTV
33+700,00	1685	201.142,5680	8.281.552,3023	830,240m	830,543m	
33+720,00	1686	201.162,3967	8.281.549,6983	829,337m	829,496m	
33+740,00	1687	201.182,1242	8.281.546,4138	828,413m	828,448m	
33+760,00	1688	201.201,7270	8.281.542,4528	827,544m	827,400m	
33+780,00	1689	201.221,1820	8.281.537,8199	826,073m	826,353m	
33+789,30	1689+9,30	201.230,1737	8.281.535,4377	824,864m	825,865m	PCV
33+800,00	1690	201.240,4662	8.281.532,5206	823,451m	825,340m	
33+820,00	1691	201.259,5566	8.281.526,5613	822,725m	824,547m	
33+839,31	1691+19,31	201.277,7798	8.281.520,1892	821,803m	824,013m	PIV
33+840,00	1692	201.278,4309	8.281.519,9489	821,769m	823,999m	
33+860,00	1693	201.297,0665	8.281.512,6912	821,207m	823,696m	
33+874,20	1693+14,20	201.310,1427	8.281.507,1505	821,522m	823,631m	PT
33+874,63	1693+14,63	201.310,5336	8.281.506,9792	821,530m	823,630m	
33+880,00	1694	201.315,4532	8.281.504,8234	821,642m	823,639m	
33+889,31	1694+9,31	201.323,9804	8.281.501,0867	821,834m	823,697m	PTV
33+896,06	1694+16,06	201.330,1632	8.281.498,3773	821,840m	823,757m	PCV
33+900,00	1695	201.333,7716	8.281.496,7961	821,764m	823,797m	
33+920,00	1696	201.352,0900	8.281.488,7688	821,592m	824,137m	
33+926,06	1696+6,06	201.357,6408	8.281.486,3364	821,633m	824,285m	PIV
33+940,00	1697	201.370,4083	8.281.480,7415	822,756m	824,705m	
33+956,06	1697+16,06	201.385,1184	8.281.474,2955	824,078m	825,326m	PTV
33+960,00	1698	201.388,7267	8.281.472,7142	824,403m	825,496m	
33+980,00	1699	201.407,0451	8.281.464,6870	826,103m	826,362m	
34+000,00	1700	201.425,3634	8.281.456,6597	827,671m	827,227m	
34+020,00	1701	201.443,6818	8.281.448,6324	829,347m	828,092m	
34+040,00	1702	201.462,0002	8.281.440,6051	830,833m	828,958m	
34+060,00	1703	201.480,3186	8.281.432,5778	832,144m	829,823m	
34+080,00	1704	201.498,6369	8.281.424,5505	833,048m	830,688m	
34+100,00	1705	201.516,9553	8.281.416,5233	833,959m	831,554m	
34+120,00	1706	201.535,2737	8.281.408,4960	835,067m	832,419m	
34+140,00	1707	201.553,5920	8.281.400,4687	836,115m	833,284m	
34+156,66	1707+16,66	201.568,8481	8.281.393,7833	837,132m	834,005m	PCV
34+160,00	1708	201.571,9104	8.281.392,4414	837,488m	834,146m	
34+180,00	1709	201.590,2288	8.281.384,4141	839,622m	834,871m	
34+200,00	1710	201.608,5472	8.281.376,3868	841,755m	835,383m	
34+220,00	1711	201.626,8655	8.281.368,3596	843,678m	835,684m	
34+231,66	1711+11,66	201.637,5420	8.281.363,6810	843,170m	835,762m	PIV
34+238,43	1711+18,43	201.643,7435	8.281.360,9635	842,820m	835,774m	PB
34+240,00	1712	201.645,1839	8.281.360,3323	842,739m	835,773m	
34+260,00	1713	201.663,5023	8.281.352,3050	840,997m	835,651m	
34+280,00	1714	201.681,8206	8.281.344,2777	838,618m	835,317m	
34+300,00	1715	201.700,1390	8.281.336,2504	836,030m	834,771m	
34+306,66	1715+6,66	201.706,2359	8.281.333,5787	835,169m	834,542m	PTV
34+307,66	1715+7,66	201.707,1518	8.281.333,1774	835,056m	834,506m	PCV
34+317,66	1715+17,66	201.716,3110	8.281.329,1637	833,959m	834,133m	PIV
34+320,00	1716	201.718,4574	8.281.328,2232	833,716m	834,042m	
34+327,66	1716+7,66	201.725,4702	8.281.325,1501	832,950m	833,736m	PTV

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
34+337,66	1716+17,66	201.734,6294	8.281.321,1364	831,941m	833,328m	PCV
34+340,00	1717	201.736,7758	8.281.320,1959	831,705m	833,233m	
34+360,00	1718	201.755,0941	8.281.312,1686	830,278m	832,554m	
34+380,00	1719	201.773,4125	8.281.304,1413	829,897m	832,100m	
34+400,00	1720	201.791,7309	8.281.296,1140	829,553m	831,869m	
34+410,57	1720+10,57	201.801,4148	8.281.291,8704	829,394m	831,838m	
34+420,00	1721	201.810,0492	8.281.288,0867	828,690m	831,863m	
34+427,66	1721+7,66	201.817,0620	8.281.285,0137	828,162m	831,919m	PIV
34+440,00	1722	201.828,3676	8.281.280,0595	827,507m	832,080m	
34+460,00	1723	201.846,6860	8.281.272,0322	826,447m	832,522m	
34+480,00	1724	201.865,0044	8.281.264,0049	827,914m	833,188m	
34+500,00	1725	201.883,3227	8.281.255,9776	829,821m	834,079m	
34+517,66	1725+17,66	201.899,4947	8.281.248,8909	831,459m	835,051m	PTV
34+520,00	1726	201.901,6411	8.281.247,9503	831,674m	835,192m	
34+540,00	1727	201.919,9595	8.281.239,9230	834,534m	836,392m	
34+560,00	1728	201.938,2778	8.281.231,8958	836,792m	837,593m	
34+580,00	1729	201.956,5962	8.281.223,8685	839,438m	838,793m	
34+600,00	1730	201.974,9146	8.281.215,8412	841,714m	839,994m	
34+620,00	1731	201.993,2330	8.281.207,8139	843,095m	841,194m	
34+640,00	1732	202.011,5513	8.281.199,7866	844,578m	842,394m	
34+660,00	1733	202.029,8697	8.281.191,7594	844,659m	843,595m	
34+680,00	1734	202.048,1881	8.281.183,7321	845,091m	844,795m	
34+700,00	1735	202.066,5064	8.281.175,7048	845,719m	845,996m	
34+720,00	1736	202.084,8248	8.281.167,6775	846,603m	847,196m	
34+740,00	1737	202.103,1432	8.281.159,6502	847,055m	848,397m	
34+760,00	1738	202.121,4616	8.281.151,6229	847,730m	849,597m	
34+780,00	1739	202.139,7799	8.281.143,5957	848,434m	850,797m	
34+800,00	1740	202.158,0983	8.281.135,5684	848,888m	851,998m	
34+820,00	1741	202.176,4167	8.281.127,5411	849,816m	853,198m	
34+840,00	1742	202.194,7350	8.281.119,5138	850,643m	854,399m	
34+860,00	1743	202.213,0534	8.281.111,4865	852,708m	855,599m	
34+880,00	1744	202.231,3718	8.281.103,4592	855,610m	856,800m	
34+900,00	1745	202.249,6902	8.281.095,4320	858,532m	858,000m	
34+902,66	1745+2,66	202.252,1234	8.281.094,3657	858,921m	858,159m	PCV
34+917,66	1745+17,66	202.265,8621	8.281.088,3452	860,872m	859,125m	PIV
34+920,00	1746	202.268,0085	8.281.087,4047	861,171m	859,288m	
34+932,66	1746+12,66	202.279,6009	8.281.082,3248	863,303m	860,222m	PTV
34+940,00	1747	202.286,3269	8.281.079,3774	864,080m	860,790m	
34+960,00	1748	202.304,6453	8.281.071,3501	866,012m	862,339m	
34+980,00	1749	202.322,9636	8.281.063,3228	865,591m	863,888m	
35+000,00	1750	202.341,2820	8.281.055,2955	865,973m	865,437m	
35+009,66	1750+9,66	202.350,1267	8.281.051,4197	866,157m	866,185m	PCV
35+010,36	1750+10,36	202.350,7684	8.281.051,1385	866,171m	866,239m	PC
35+020,00	1751	202.359,6442	8.281.047,3703	866,330m	866,959m	
35+029,66	1751+9,66	202.368,6173	8.281.043,8026	866,442m	867,634m	PIV
35+040,00	1752	202.378,3172	8.281.040,2118	866,744m	868,305m	
35+049,66	1752+9,66	202.387,4504	8.281.037,0768	867,958m	868,883m	PTV
35+060,00	1753	202.397,3107	8.281.033,9533	868,247m	869,477m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
35+073,91	1753+13,91	202.410,6835	8.281.030,1397	868,365m	870,275m	PCV
35+080,00	1754	202.416,5815	8.281.028,6091	868,573m	870,609m	
35+083,91	1754+3,91	202.420,3742	8.281.027,6730	868,956m	870,807m	PIV
35+093,91	1754+13,91	202.430,1212	8.281.025,4385	869,930m	871,252m	PTV
35+100,00	1755	202.436,0855	8.281.024,1914	870,518m	871,497m	
35+105,35	1755+5,35	202.441,3395	8.281.023,1675	871,017m	871,712m	PT
35+120,00	1756	202.455,7338	8.281.020,4578	870,621m	872,301m	
35+140,00	1757	202.475,3886	8.281.016,7578	870,410m	873,106m	
35+160,00	1758	202.495,0434	8.281.013,0579	871,963m	873,910m	
35+180,00	1759	202.514,6982	8.281.009,3579	873,827m	874,715m	
35+200,00	1760	202.534,3530	8.281.005,6580	875,455m	875,519m	
35+217,66	1760+17,66	202.551,7048	8.281.002,3916	876,889m	876,229m	PCV
35+220,00	1761	202.554,0077	8.281.001,9580	877,079m	876,322m	
35+240,00	1762	202.573,6625	8.280.998,2581	879,936m	877,043m	
35+247,66	1762+7,66	202.581,1869	8.280.996,8416	881,376m	877,282m	PIV
35+260,00	1763	202.593,3173	8.280.994,5581	884,072m	877,627m	
35+277,66	1763+17,66	202.610,6691	8.280.991,2917	888,416m	878,029m	PTV
35+280,00	1764	202.612,9721	8.280.990,8582	889,056m	878,075m	
35+285,16	1764+5,16	202.618,0396	8.280.989,9042	890,322m	878,177m	PCV
35+287,66	1764+7,66	202.620,4965	8.280.989,4417	890,620m	878,235m	PIV
35+290,16	1764+10,16	202.622,9533	8.280.988,9793	890,970m	878,309m	PTV
35+300,00	1765	202.632,6269	8.280.987,1582	892,349m	878,630m	
35+311,66	1765+11,66	202.644,0822	8.280.985,0018	892,355m	879,011m	PCV
35+320,00	1766	202.652,2816	8.280.983,4583	892,158m	879,265m	
35+330,86	1766+10,86	202.662,9531	8.280.981,4494	892,099m	879,540m	PC
35+340,00	1767	202.671,9486	8.280.979,8248	889,728m	879,723m	
35+360,00	1768	202.691,7076	8.280.976,7348	889,028m	879,970m	
35+373,28	1768+13,28	202.704,8789	8.280.975,0366	888,364m	880,017m	PB
35+380,00	1769	202.711,5561	8.280.974,2852	888,001m	880,005m	
35+381,66	1769+1,66	202.713,2035	8.280.974,1111	887,911m	879,998m	PIV
35+400,00	1770	202.731,4734	8.280.972,4784	884,807m	879,828m	
35+420,00	1771	202.751,4388	8.280.971,3164	881,319m	879,439m	
35+440,00	1772	202.771,4313	8.280.970,8005	879,496m	878,837m	
35+451,66	1772+11,66	202.783,0877	8.280.970,7980	878,994m	878,389m	PTV
35+460,00	1773	202.791,4300	8.280.970,9310	877,993m	878,043m	
35+480,00	1774	202.811,4140	8.280.971,7080	875,682m	877,212m	
35+500,00	1775	202.831,3625	8.280.973,1306	874,053m	876,381m	
35+520,00	1776	202.851,2545	8.280.975,1972	872,320m	875,550m	
35+540,00	1777	202.871,0694	8.280.977,9058	869,859m	874,720m	
35+542,66	1777+2,66	202.873,6945	8.280.978,3137	869,534m	874,609m	PCV
35+560,00	1778	202.890,7863	8.280.981,2535	869,142m	873,887m	
35+580,00	1779	202.910,3848	8.280.985,2368	869,372m	873,047m	
35+600,00	1780	202.929,8442	8.280.989,8516	868,266m	872,201m	
35+617,66	1780+17,66	202.946,8918	8.280.994,4466	867,236m	871,449m	PIV
35+620,00	1781	202.949,1443	8.280.995,0929	867,101m	871,349m	
35+640,00	1782	202.968,2648	8.281.000,9554	865,966m	870,490m	
35+660,00	1783	202.987,1859	8.281.007,4330	865,005m	869,625m	
35+680,00	1784	203.005,8877	8.281.014,5188	864,121m	868,754m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
35+692,66	1784+12,66	203.017,6006	8.281.019,3138	863,569m	868,199m	PTV
35+700,00	1785	203.024,3507	8.281.022,2054	863,205m	867,876m	
35+720,00	1786	203.042,5555	8.281.030,4848	862,670m	866,998m	
35+740,00	1787	203.060,4832	8.281.039,3484	862,277m	866,119m	
35+760,00	1788	203.078,1150	8.281.048,7869	861,857m	865,240m	
35+780,00	1789	203.095,4325	8.281.058,7904	860,689m	864,361m	
35+797,66	1789+17,66	203.110,4451	8.281.068,0830	859,774m	863,586m	PCV
35+800,00	1790	203.112,4175	8.281.069,3484	859,682m	863,481m	
35+817,66	1790+17,66	203.127,1220	8.281.079,1215	859,042m	862,584m	PIV
35+820,00	1791	203.129,0524	8.281.080,4500	858,968m	862,451m	
35+837,66	1791+17,66	203.143,4333	8.281.090,6933	858,479m	861,338m	PTV
35+840,00	1792	203.145,3198	8.281.092,0836	858,423m	861,178m	
35+852,94	1792+12,94	203.155,6402	8.281.099,8876	858,160m	860,292m	PT
35+860,00	1793	203.161,2273	8.281.104,2051	857,651m	859,808m	
35+867,66	1793+7,66	203.167,2858	8.281.108,8867	857,116m	859,284m	PCV
35+880,00	1794	203.177,0529	8.281.116,4342	856,254m	858,487m	
35+887,66	1794+7,66	203.183,1113	8.281.121,1159	856,056m	858,040m	PIV
35+900,00	1795	203.192,8784	8.281.128,6633	855,781m	857,396m	
35+907,66	1795+7,66	203.198,9369	8.281.133,3450	854,979m	857,044m	PTV
35+920,00	1796	203.208,7039	8.281.140,8925	853,585m	856,506m	
35+930,66	1796+10,66	203.217,1363	8.281.147,4085	852,510m	856,041m	PCV
35+940,00	1797	203.224,5295	8.281.153,1216	852,216m	855,622m	
35+960,00	1798	203.240,3550	8.281.165,3508	851,248m	854,647m	
35+960,66	1798+0,66	203.240,8746	8.281.165,7523	851,193m	854,613m	PIV
35+980,00	1799	203.256,1806	8.281.177,5799	850,882m	853,565m	
35+990,66	1799+10,66	203.264,6129	8.281.184,0960	850,939m	852,945m	PTV
36+000,00	1800	203.272,0061	8.281.189,8091	850,460m	852,388m	
36+001,66	1800+1,66	203.273,3169	8.281.190,8220	850,369m	852,289m	PCV
36+011,66	1800+11,66	203.281,2297	8.281.196,9366	849,822m	851,669m	PIV
36+020,00	1801	203.287,8317	8.281.202,0382	849,365m	851,115m	
36+021,66	1801+1,66	203.289,1425	8.281.203,0512	849,274m	851,001m	PTV
36+040,00	1802	203.303,6572	8.281.214,2674	848,546m	849,733m	
36+042,66	1802+2,66	203.305,7593	8.281.215,8918	848,465m	849,549m	PCV
36+057,66	1802+17,66	203.317,6285	8.281.225,0636	848,009m	848,432m	PIV
36+060,00	1803	203.319,4828	8.281.226,4965	847,937m	848,244m	
36+067,87	1803+7,87	203.325,7093	8.281.231,3081	847,698m	847,581m	PC
36+072,66	1803+12,66	203.329,5157	8.281.234,2120	847,550m	847,157m	PTV
36+080,00	1804	203.335,4232	8.281.238,5738	847,317m	846,494m	
36+100,00	1805	203.351,9210	8.281.249,8757	846,642m	844,687m	
36+100,86	1805+0,86	203.352,6404	8.281.250,3406	846,612m	844,610m	PCV
36+105,86	1805+5,86	203.356,8605	8.281.253,0221	846,534m	844,180m	PIV
36+110,86	1805+10,86	203.361,1149	8.281.255,6488	846,494m	843,792m	PTV
36+120,00	1806	203.368,9814	8.281.260,3090	846,438m	843,123m	
36+140,00	1807	203.386,5588	8.281.269,8456	846,566m	841,659m	
36+160,00	1808	203.404,6060	8.281.278,4600	847,142m	840,194m	
36+180,00	1809	203.423,0747	8.281.286,1293	846,858m	838,730m	
36+200,00	1810	203.441,9155	8.281.292,8327	845,432m	837,266m	
36+220,00	1811	203.461,0778	8.281.298,5524	843,454m	835,802m	

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KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
36+240,00	1812	203.480,5104	8.281.303,2730	841,226m	834,337m	
36+260,00	1813	203.500,1612	8.281.306,9820	840,097m	832,873m	
36+280,00	1814	203.519,9776	8.281.309,6693	839,146m	831,409m	
36+300,00	1815	203.539,9065	8.281.311,3277	838,257m	829,944m	
36+320,00	1816	203.559,8945	8.281.311,9529	835,748m	828,480m	
36+340,00	1817	203.579,8881	8.281.311,5431	833,493m	827,016m	
36+360,00	1818	203.599,8337	8.281.310,0995	831,122m	825,552m	
36+380,00	1819	203.619,6779	8.281.307,6259	828,585m	824,087m	
36+400,00	1820	203.639,3675	8.281.304,1290	826,953m	822,623m	
36+417,66	1820+17,66	203.656,5795	8.281.300,1986	825,543m	821,330m	PCV
36+420,00	1821	203.658,8498	8.281.299,6180	825,351m	821,160m	
36+437,66	1821+17,66	203.675,8354	8.281.294,8025	824,872m	819,959m	PIV
36+440,00	1822	203.678,0727	8.281.294,1051	824,832m	819,810m	
36+457,66	1822+17,66	203.694,7864	8.281.288,4173	824,158m	818,773m	PTV
36+460,00	1823	203.696,9846	8.281.287,6051	824,071m	818,644m	
36+476,09	1823+16,09	203.711,9403	8.281.281,6706	823,840m	817,765m	PT
36+480,00	1824	203.715,5427	8.281.280,1536	823,825m	817,551m	
36+482,66	1824+2,66	203.717,9910	8.281.279,1225	823,668m	817,406m	PCV
36+487,66	1824+7,66	203.722,5991	8.281.277,1820	823,373m	817,113m	PIV
36+492,66	1824+12,66	203.727,2072	8.281.275,2415	823,078m	816,781m	PTV
36+500,00	1825	203.733,9750	8.281.272,3915	822,644m	816,265m	
36+520,00	1826	203.752,4073	8.281.264,6294	821,464m	814,860m	
36+537,66	1826+17,66	203.768,6798	8.281.257,7768	820,540m	813,620m	PCV
36+540,00	1827	203.770,8396	8.281.256,8673	820,420m	813,457m	
36+557,66	1827+17,66	203.787,1121	8.281.250,0147	819,415m	812,315m	PIV
36+560,00	1828	203.789,2719	8.281.249,1052	819,120m	812,174m	
36+577,66	1828+17,66	203.805,5444	8.281.242,2525	816,707m	811,207m	PTV
36+580,00	1829	203.807,7042	8.281.241,3431	816,326m	811,089m	
36+600,00	1830	203.826,1365	8.281.233,5809	813,182m	810,080m	
36+620,00	1831	203.844,5688	8.281.225,8188	810,012m	809,072m	
36+620,43	1831+0,43	203.844,9630	8.281.225,6528	809,932m	809,050m	PC
36+640,00	1832	203.863,2166	8.281.218,5983	807,446m	808,063m	
36+651,16	1832+11,16	203.873,7991	8.281.215,0674	806,631m	807,501m	PCV
36+660,00	1833	203.882,2689	8.281.212,5251	806,337m	807,034m	
36+671,16	1833+11,16	203.893,0466	8.281.209,6444	805,879m	806,386m	PIV
36+680,00	1834	203.901,6554	8.281.207,6220	805,474m	805,826m	
36+691,16	1834+11,16	203.912,5884	8.281.205,4023	805,068m	805,059m	PTV
36+700,00	1835	203.921,3043	8.281.203,9073	804,838m	804,426m	
36+720,00	1836	203.941,1427	8.281.201,3946	803,448m	802,993m	
36+740,00	1837	203.961,0972	8.281.200,0932	801,117m	801,560m	
36+757,66	1837+17,66	203.978,7511	8.281.199,9551	799,564m	800,295m	PCV
36+760,00	1838	203.981,0940	8.281.200,0081	799,350m	800,128m	
36+777,66	1838+17,66	203.998,7236	8.281.200,9440	797,742m	798,927m	PIV
36+780,00	1839	204.001,0588	8.281.201,1394	797,464m	798,776m	
36+797,66	1839+17,66	204.018,5989	8.281.203,1460	795,362m	797,691m	PTV
36+800,00	1840	204.020,9180	8.281.203,4830	795,082m	797,554m	
36+817,16	1840+17,16	204.037,8135	8.281.206,4530	792,553m	796,550m	PCV
36+820,00	1841	204.040,5977	8.281.207,0303	792,804m	796,386m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
36+829,07	1841+9,07	204.049,4401	8.281.209,0314	793,680m	795,905m	PT
36+840,00	1842	204.060,0698	8.281.211,5917	794,078m	795,405m	
36+860,00	1843	204.079,5138	8.281.216,2749	793,626m	794,719m	
36+872,16	1843+12,16	204.091,3324	8.281.219,1215	792,906m	794,446m	PIV
36+880,00	1844	204.098,9577	8.281.220,9581	792,880m	794,327m	
36+896,53	1844+16,53	204.115,0239	8.281.224,8278	793,604m	794,227m	
36+900,00	1845	204.118,4017	8.281.225,6414	793,624m	794,231m	
36+920,00	1846	204.137,8456	8.281.230,3246	786,113m	794,430m	
36+927,16	1846+7,16	204.144,8032	8.281.232,0004	785,701m	794,573m	PTV
36+940,00	1847	204.157,2896	8.281.235,0079	793,556m	794,863m	
36+960,00	1848	204.176,7335	8.281.239,6911	798,222m	795,315m	
36+978,51	1848+18,51	204.194,7256	8.281.244,0247	798,338m	795,733m	PCV
36+980,00	1849	204.196,1775	8.281.244,3744	798,368m	795,766m	
36+987,21	1849+7,21	204.203,1915	8.281.246,0637	798,513m	795,924m	PC
36+998,51	1849+18,51	204.214,2777	8.281.248,1879	799,126m	796,154m	PIV
37+000,00	1850	204.215,7573	8.281.248,3904	799,270m	796,183m	
37+010,01	1850+10,01	204.225,7271	8.281.249,2710	801,484m	796,369m	PT
37+018,51	1850+18,51	204.234,2130	8.281.249,6649	803,227m	796,514m	PTV
37+020,00	1851	204.235,7048	8.281.249,7341	803,490m	796,539m	
37+040,00	1852	204.255,6833	8.281.250,6614	803,047m	796,869m	
37+043,28	1852+3,28	204.258,9594	8.281.250,8135	802,760m	796,923m	PC
37+049,16	1852+9,16	204.264,8210	8.281.251,2296	802,259m	797,020m	PCV
37+054,16	1852+14,16	204.269,7870	8.281.251,8092	801,851m	797,110m	PIV
37+059,16	1852+19,16	204.274,7244	8.281.252,5951	801,463m	797,215m	PTV
37+060,00	1853	204.275,5539	8.281.252,7480	801,399m	797,234m	
37+066,08	1853+6,08	204.281,4950	8.281.254,0207	800,956m	797,371m	PT
37+080,00	1854	204.295,0313	8.281.257,2810	800,480m	797,686m	
37+100,00	1855	204.314,4753	8.281.261,9643	800,011m	798,138m	
37+117,66	1855+17,66	204.331,6410	8.281.266,0988	799,434m	798,537m	PCV
37+120,00	1856	204.333,9192	8.281.266,6475	799,524m	798,590m	
37+140,00	1857	204.353,3632	8.281.271,3308	799,815m	799,088m	
37+160,00	1858	204.372,8071	8.281.276,0140	800,255m	799,659m	
37+180,00	1859	204.392,2511	8.281.280,6973	800,769m	800,304m	
37+200,00	1860	204.411,6950	8.281.285,3805	801,103m	801,023m	
37+217,66	1860+17,66	204.428,8607	8.281.289,5150	801,735m	801,719m	PIV
37+220,00	1861	204.431,1390	8.281.290,0638	801,801m	801,816m	
37+240,00	1862	204.450,5829	8.281.294,7470	802,444m	802,682m	
37+260,00	1863	204.470,0269	8.281.299,4302	803,161m	803,622m	
37+280,00	1864	204.489,4708	8.281.304,1135	803,846m	804,636m	
37+300,00	1865	204.508,9148	8.281.308,7967	804,262m	805,723m	
37+317,66	1865+17,66	204.526,0805	8.281.312,9312	805,318m	806,745m	PTV
37+320,00	1866	204.528,3587	8.281.313,4800	805,523m	806,884m	
37+340,00	1867	204.547,8027	8.281.318,1632	806,664m	808,074m	
37+360,00	1868	204.567,2466	8.281.322,8465	808,075m	809,263m	
37+380,00	1869	204.586,6906	8.281.327,5297	809,597m	810,453m	
37+400,00	1870	204.606,1346	8.281.332,2130	811,199m	811,643m	
37+417,66	1870+17,66	204.623,3002	8.281.336,3475	812,476m	812,693m	PCV
37+420,00	1871	204.625,5785	8.281.336,8962	812,631m	812,833m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
37+440,00	1872	204.645,0225	8.281.341,5795	813,829m	814,099m	
37+447,66	1872+7,66	204.652,4662	8.281.343,3723	814,194m	814,617m	PIV
37+460,00	1873	204.664,4664	8.281.346,2627	814,781m	815,491m	
37+477,66	1873+17,66	204.681,6321	8.281.350,3972	815,447m	816,822m	PTV
37+480,00	1874	204.683,9104	8.281.350,9459	815,522m	817,006m	
37+500,00	1875	204.703,3543	8.281.355,6292	816,284m	818,569m	
37+520,00	1876	204.722,7983	8.281.360,3124	818,579m	820,133m	
37+539,42	1876+19,42	204.741,6761	8.281.364,8593	820,807m	821,651m	PC
37+540,00	1877	204.742,2420	8.281.364,9963	820,874m	821,696m	
37+559,66	1877+19,66	204.761,1377	8.281.370,3938	823,074m	823,233m	PCV
37+560,00	1878	204.761,4639	8.281.370,5013	823,111m	823,260m	
37+579,66	1878+19,66	204.779,8647	8.281.377,3998	828,176m	824,682m	PIV
37+580,00	1879	204.780,1812	8.281.377,5332	828,273m	824,705m	
37+599,66	1879+19,66	204.797,9681	8.281.385,8881	831,238m	825,903m	PTV
37+600,00	1880	204.798,2728	8.281.386,0465	831,250m	825,922m	
37+620,00	1881	204.815,6218	8.281.395,9862	831,736m	827,028m	
37+640,00	1882	204.832,1159	8.281.407,2880	831,424m	828,134m	
37+648,66	1882+8,66	204.838,9628	8.281.412,5840	831,517m	828,612m	PCV
37+660,00	1883	204.847,6483	8.281.419,8788	829,733m	829,210m	
37+668,66	1883+8,66	204.854,0475	8.281.425,7079	828,987m	829,626m	PIV
37+680,00	1884	204.862,1187	8.281.433,6770	828,106m	830,120m	
37+688,66	1884+8,66	204.868,0287	8.281.440,0016	827,506m	830,457m	PTV
37+700,00	1885	204.875,4334	8.281.448,5936	826,818m	830,876m	
37+712,00	1885+12,00	204.882,8293	8.281.458,0377	826,977m	831,320m	PT
37+720,00	1886	204.887,6104	8.281.464,4561	827,573m	831,615m	
37+737,66	1886+17,66	204.898,1582	8.281.478,6158	828,888m	832,268m	PCV
37+740,00	1887	204.899,5581	8.281.480,4951	829,062m	832,355m	
37+760,00	1888	204.911,5058	8.281.496,5342	830,517m	833,150m	
37+780,00	1889	204.923,4535	8.281.512,5733	831,853m	834,037m	
37+787,66	1889+7,66	204.928,0274	8.281.518,7135	832,353m	834,401m	PIV
37+800,00	1890	204.935,4012	8.281.528,6124	833,253m	835,016m	
37+820,00	1891	204.947,3489	8.281.544,6515	835,212m	836,086m	
37+837,66	1891+17,66	204.957,8967	8.281.558,8113	838,236m	837,107m	PTV
37+840,00	1892	204.959,2966	8.281.560,6906	838,680m	837,247m	
37+860,00	1893	204.971,2443	8.281.576,7297	842,492m	838,443m	
37+875,66	1893+15,66	204.980,5973	8.281.589,2855	845,212m	839,380m	PCV
37+880,00	1894	204.983,1920	8.281.592,7688	845,344m	839,632m	
37+885,66	1894+5,66	204.986,5712	8.281.597,3051	845,683m	839,935m	PIV
37+895,66	1894+15,66	204.992,5450	8.281.605,3246	846,324m	840,404m	PTV
37+900,00	1895	204.995,1397	8.281.608,8078	846,594m	840,588m	
37+915,19	1895+15,19	205.004,2136	8.281.620,9889	847,145m	841,234m	PC
37+920,00	1896	205.007,1203	8.281.624,8222	847,305m	841,438m	
37+931,66	1896+11,66	205.014,4316	8.281.633,8997	847,697m	841,934m	PCV
37+940,00	1897	205.019,8925	8.281.640,2073	847,981m	842,325m	
37+941,66	1897+1,66	205.020,9989	8.281.641,4402	848,038m	842,412m	PIV
37+951,66	1897+11,66	205.027,8300	8.281.648,7427	848,446m	842,996m	PTV
37+960,00	1898	205.033,7251	8.281.654,6465	848,841m	843,528m	
37+980,00	1899	205.048,5481	8.281.668,0670	850,777m	844,803m	

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KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
37+996,16	1899+16,16	205.061,1948	8.281.678,1181	851,522m	845,832m	PCV
38+000,00	1900	205.064,2867	8.281.680,4010	851,698m	846,084m	
38+006,16	1900+6,16	205.069,3036	8.281.683,9693	851,980m	846,512m	PIV
38+016,16	1900+16,16	205.077,6153	8.281.689,5286	852,435m	847,276m	PTV
38+020,00	1901	205.080,8615	8.281.691,5862	852,609m	847,586m	
38+034,47	1901+14,47	205.093,3313	8.281.698,9324	853,258m	848,754m	PT
38+040,00	1902	205.098,1627	8.281.701,6137	853,373m	849,199m	
38+052,66	1902+12,66	205.109,2292	8.281.707,7555	853,518m	850,220m	PCV
38+060,00	1903	205.115,6501	8.281.711,3189	853,494m	850,793m	
38+072,66	1903+12,66	205.126,7166	8.281.717,4607	853,453m	851,693m	PIV
38+080,00	1904	205.133,1375	8.281.721,0242	853,454m	852,164m	
38+092,66	1904+12,66	205.144,2040	8.281.727,1659	853,654m	852,888m	PTV
38+100,00	1905	205.150,6249	8.281.730,7294	853,770m	853,275m	
38+110,16	1905+10,16	205.159,5055	8.281.735,6579	853,787m	853,811m	PCV
38+120,00	1906	205.168,1123	8.281.740,4346	853,782m	854,314m	
38+140,00	1907	205.185,5997	8.281.750,1398	853,897m	855,240m	
38+160,00	1908	205.203,0871	8.281.759,8450	854,177m	856,036m	
38+180,00	1909	205.220,5745	8.281.769,5502	854,457m	856,702m	
38+200,00	1910	205.238,0619	8.281.779,2554	855,565m	857,238m	
38+220,00	1911	205.255,5493	8.281.788,9606	857,703m	857,643m	
38+240,00	1912	205.273,0367	8.281.798,6658	859,838m	857,918m	
38+250,16	1912+10,16	205.281,9173	8.281.803,5944	860,393m	858,008m	PIV
38+260,00	1913	205.290,5240	8.281.808,3710	861,175m	858,064m	
38+272,34	1913+12,34	205.301,3117	8.281.814,3580	861,931m	858,088m	PB
38+280,00	1914	205.308,0114	8.281.818,0762	861,672m	858,079m	
38+300,00	1915	205.325,4988	8.281.827,7814	860,995m	857,964m	
38+320,00	1916	205.342,9862	8.281.837,4866	860,212m	857,719m	
38+340,00	1917	205.360,4736	8.281.847,1918	858,870m	857,344m	
38+360,00	1918	205.377,9610	8.281.856,8970	857,347m	856,839m	
38+380,00	1919	205.395,4484	8.281.866,6023	855,464m	856,203m	
38+390,16	1919+10,16	205.404,3290	8.281.871,5308	854,508m	855,831m	PTV
38+400,00	1920	205.412,9358	8.281.876,3075	853,582m	855,454m	
38+420,00	1921	205.430,4232	8.281.886,0127	852,376m	854,687m	
38+440,00	1922	205.447,9106	8.281.895,7179	851,918m	853,921m	
38+460,00	1923	205.465,3980	8.281.905,4231	851,460m	853,155m	
38+480,00	1924	205.482,8854	8.281.915,1283	851,002m	852,388m	
38+500,00	1925	205.500,3728	8.281.924,8335	850,598m	851,622m	
38+520,00	1926	205.517,8602	8.281.934,5387	851,078m	850,855m	
38+540,00	1927	205.535,3476	8.281.944,2439	853,156m	850,089m	
38+560,00	1928	205.552,8350	8.281.953,9491	855,082m	849,323m	
38+580,00	1929	205.570,3224	8.281.963,6543	856,873m	848,556m	
38+600,00	1930	205.587,8098	8.281.973,3595	856,263m	847,790m	
38+620,00	1931	205.605,2971	8.281.983,0647	854,864m	847,023m	
38+622,66	1931+2,66	205.607,6200	8.281.984,3539	854,685m	846,922m	PCV
38+640,00	1932	205.622,7845	8.281.992,7699	852,961m	846,300m	
38+660,00	1933	205.640,2719	8.282.002,4751	850,850m	845,688m	
38+680,00	1934	205.657,7593	8.282.012,1804	849,192m	845,191m	
38+692,66	1934+12,66	205.668,8259	8.282.018,3221	847,951m	844,935m	PIV

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KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
38+700,00	1935	205.675,2467	8.282.021,8856	847,120m	844,807m	
38+720,00	1936	205.692,7341	8.282.031,5908	846,485m	844,537m	
38+740,00	1937	205.710,2215	8.282.041,2960	845,039m	844,380m	
38+746,58	1937+6,58	205.715,9719	8.282.044,4874	844,563m	844,353m	PC
38+757,62	1937+17,62	205.725,6686	8.282.049,7619	843,784m	844,336m	
38+760,00	1938	205.727,7752	8.282.050,8798	843,619m	844,336m	
38+762,66	1938+2,66	205.730,1266	8.282.052,1160	843,439m	844,339m	PTV
38+780,00	1939	205.745,5995	8.282.059,9497	842,773m	844,364m	
38+800,00	1940	205.763,6938	8.282.068,4681	842,849m	844,393m	
38+800,66	1940+0,66	205.764,2922	8.282.068,7383	842,842m	844,394m	PCV
38+820,00	1941	205.782,0411	8.282.076,4271	843,199m	844,478m	
38+840,00	1942	205.800,6241	8.282.083,8191	843,862m	844,684m	
38+850,66	1942+10,66	205.810,6159	8.282.087,5238	844,047m	844,844m	PIV
38+860,00	1943	205.819,4252	8.282.090,6371	844,200m	845,012m	
38+880,00	1944	205.838,4268	8.282.096,8748	844,606m	845,461m	
38+900,00	1945	205.857,6109	8.282.102,5262	845,393m	846,031m	
38+900,66	1945+0,66	205.858,2436	8.282.102,7017	845,418m	846,051m	PTV
38+920,00	1946	205.876,9595	8.282.107,5860	846,145m	846,665m	
38+940,00	1947	205.896,4543	8.282.112,0494	846,949m	847,299m	
38+960,00	1948	205.916,0769	8.282.115,9123	847,725m	847,934m	
38+980,00	1949	205.935,8088	8.282.119,1710	848,518m	848,568m	
38+992,75	1949+12,75	205.948,4333	8.282.120,9313	848,933m	848,973m	PCV
39+000,00	1950	205.955,6315	8.282.121,8225	849,139m	849,198m	
39+020,00	1951	205.975,5262	8.282.123,8641	849,633m	849,770m	
39+040,00	1952	205.995,4743	8.282.125,2941	849,419m	850,268m	
39+057,75	1952+17,75	206.013,2044	8.282.126,0497	849,387m	850,650m	PIV
39+060,00	1953	206.015,4568	8.282.126,1110	849,354m	850,694m	
39+080,00	1954	206.035,4550	8.282.126,3141	849,029m	851,047m	
39+100,00	1955	206.055,4499	8.282.125,9032	848,383m	851,327m	
39+120,00	1956	206.075,4229	8.282.124,8787	847,869m	851,534m	
39+122,75	1956+2,75	206.078,1633	8.282.124,6901	847,795m	851,557m	PTV
39+140,00	1957	206.095,3550	8.282.123,2415	847,826m	851,696m	
39+160,00	1958	206.115,2274	8.282.120,9933	848,616m	851,856m	
39+180,00	1959	206.135,0215	8.282.118,1360	848,771m	852,017m	
39+200,00	1960	206.154,7185	8.282.114,6724	848,824m	852,178m	
39+220,00	1961	206.174,2999	8.282.110,6058	849,092m	852,339m	
39+240,00	1962	206.193,7472	8.282.105,9400	850,367m	852,499m	
39+260,00	1963	206.213,0422	8.282.100,6794	851,533m	852,660m	
39+280,00	1964	206.232,1665	8.282.094,8290	852,261m	852,821m	
39+282,66	1964+2,66	206.234,6930	8.282.094,0078	852,324m	852,842m	PCV
39+297,66	1964+17,66	206.248,8939	8.282.089,1782	852,608m	852,995m	PIV
39+300,00	1965	206.251,1023	8.282.088,3942	852,619m	853,025m	
39+312,66	1965+12,66	206.262,9798	8.282.084,0230	852,558m	853,212m	PTV
39+320,00	1966	206.269,8316	8.282.081,3812	852,690m	853,333m	
39+322,66	1966+2,66	206.272,3029	8.282.080,4065	852,799m	853,377m	PCV
39+327,66	1966+7,66	206.276,9433	8.282.078,5447	852,644m	853,432m	PIV
39+330,04	1966+10,04	206.279,1524	8.282.077,6438	852,659m	853,439m	PB
39+332,66	1966+12,66	206.281,5693	8.282.076,6474	852,674m	853,431m	PTV

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KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
39+337,66	1966+17,66	206.286,1806	8.282.074,7146	852,669m	853,402m	PCV
39+340,00	1967	206.288,3367	8.282.073,7965	852,664m	853,387m	
39+360,00	1968	206.306,6003	8.282.065,6473	851,954m	853,219m	
39+377,66	1968+17,66	206.322,5095	8.282.057,9900	851,689m	853,003m	PIV
39+378,04	1968+18,04	206.322,8535	8.282.057,8184	851,684m	852,997m	PT
39+380,00	1969	206.324,6065	8.282.056,9440	851,657m	852,969m	
39+400,00	1970	206.342,5032	8.282.048,0160	851,380m	852,637m	
39+417,66	1970+17,66	206.358,3029	8.282.040,1342	851,035m	852,275m	PTV
39+420,00	1971	206.360,3999	8.282.039,0881	851,020m	852,223m	
39+440,00	1972	206.378,2966	8.282.030,1601	850,609m	851,778m	
39+460,00	1973	206.396,1933	8.282.021,2322	850,040m	851,332m	
39+480,00	1974	206.414,0900	8.282.012,3043	849,063m	850,886m	
39+500,00	1975	206.431,9867	8.282.003,3763	848,048m	850,440m	
39+520,00	1976	206.449,8834	8.281.994,4484	847,460m	849,995m	
39+540,00	1977	206.467,7801	8.281.985,5204	846,982m	849,549m	
39+560,00	1978	206.485,6768	8.281.976,5925	846,707m	849,103m	
39+580,00	1979	206.503,5735	8.281.967,6646	846,446m	848,658m	
39+600,00	1980	206.521,4702	8.281.958,7366	846,346m	848,212m	
39+620,00	1981	206.539,3669	8.281.949,8087	846,268m	847,766m	
39+640,00	1982	206.557,2636	8.281.940,8807	846,266m	847,321m	
39+660,00	1983	206.575,1603	8.281.931,9528	846,143m	846,875m	
39+680,00	1984	206.593,0570	8.281.923,0249	845,688m	846,429m	
39+700,00	1985	206.610,9537	8.281.914,0969	845,658m	845,983m	
39+712,66	1985+12,66	206.622,2792	8.281.908,4471	845,550m	845,701m	PCV
39+720,00	1986	206.628,8504	8.281.905,1690	845,507m	845,545m	
39+740,00	1987	206.646,7471	8.281.896,2410	845,413m	845,194m	
39+760,00	1988	206.664,6438	8.281.887,3131	844,864m	844,954m	
39+780,00	1989	206.682,5405	8.281.878,3852	843,972m	844,822m	
39+793,94	1989+13,94	206.695,0177	8.281.872,1608	844,033m	844,796m	
39+800,00	1990	206.700,4372	8.281.869,4572	844,057m	844,801m	
39+807,66	1990+7,66	206.707,2886	8.281.866,0393	844,074m	844,821m	PIV
39+820,00	1991	206.718,3339	8.281.860,5293	844,101m	844,889m	
39+840,00	1992	206.736,2306	8.281.851,6013	844,628m	845,086m	
39+860,00	1993	206.754,1273	8.281.842,6734	845,105m	845,394m	
39+880,00	1994	206.772,0240	8.281.833,7455	845,634m	845,811m	
39+900,00	1995	206.789,9207	8.281.824,8175	846,191m	846,337m	
39+902,66	1995+2,66	206.792,2979	8.281.823,6316	846,265m	846,416m	PTV
39+910,66	1995+10,66	206.799,4566	8.281.820,0605	846,488m	846,654m	PCV
39+920,00	1996	206.807,8174	8.281.815,8896	846,748m	846,916m	
39+940,00	1997	206.825,7141	8.281.806,9616	846,892m	847,368m	
39+960,00	1998	206.843,6108	8.281.798,0337	846,909m	847,670m	
39+980,00	1999	206.861,5075	8.281.789,1058	847,020m	847,824m	
39+990,54	1999+10,54	206.870,9362	8.281.784,4022	847,068m	847,844m	PB
40+000,00	2000	206.879,4042	8.281.780,1778	847,032m	847,828m	
40+005,66	2000+5,66	206.884,4659	8.281.777,6527	847,014m	847,802m	PIV
40+020,00	2001	206.897,3009	8.281.771,2499	846,751m	847,683m	
40+040,00	2002	206.915,1976	8.281.762,3219	846,115m	847,388m	
40+060,00	2003	206.933,0943	8.281.753,3940	846,566m	846,944m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
40+080,00	2004	206.950,9910	8.281.744,4660	845,948m	846,351m	
40+100,00	2005	206.968,8877	8.281.735,5381	845,491m	845,609m	
40+100,66	2005+0,66	206.969,4752	8.281.735,2450	845,469m	845,582m	PTV
40+120,00	2006	206.986,7844	8.281.726,6102	844,806m	844,787m	
40+140,00	2007	207.004,6811	8.281.717,6822	844,122m	843,966m	
40+160,00	2008	207.022,5778	8.281.708,7543	843,467m	843,144m	
40+175,66	2008+15,66	207.036,5878	8.281.701,7652	843,130m	842,501m	PCV
40+180,00	2009	207.040,4745	8.281.699,8263	843,024m	842,324m	
40+200,00	2010	207.058,3712	8.281.690,8984	842,194m	841,549m	
40+220,00	2011	207.076,2679	8.281.681,9705	841,552m	840,840m	
40+240,00	2012	207.094,1646	8.281.673,0425	841,018m	840,197m	
40+260,00	2013	207.112,0613	8.281.664,1146	840,520m	839,620m	
40+270,66	2013+10,66	207.121,5972	8.281.659,3575	840,339m	839,339m	PIV
40+280,00	2014	207.129,9580	8.281.655,1866	840,118m	839,108m	
40+300,00	2015	207.147,8547	8.281.646,2587	839,702m	838,662m	
40+320,00	2016	207.165,7514	8.281.637,3308	839,301m	838,282m	
40+340,00	2017	207.183,6481	8.281.628,4028	839,166m	837,968m	
40+360,00	2018	207.201,5448	8.281.619,4749	839,271m	837,719m	
40+365,66	2018+5,66	207.206,6065	8.281.616,9498	839,300m	837,660m	PTV
40+380,00	2019	207.219,4415	8.281.610,5469	839,271m	837,519m	
40+400,00	2020	207.237,3382	8.281.601,6190	839,233m	837,322m	
40+420,00	2021	207.255,2349	8.281.592,6911	839,339m	837,124m	
40+440,00	2022	207.273,1316	8.281.583,7631	839,359m	836,927m	
40+460,00	2023	207.291,0283	8.281.574,8352	838,941m	836,730m	
40+480,00	2024	207.308,9250	8.281.565,9072	838,680m	836,532m	
40+500,00	2025	207.326,8217	8.281.556,9793	838,395m	836,335m	
40+520,00	2026	207.344,7184	8.281.548,0514	838,199m	836,138m	
40+540,00	2027	207.362,6151	8.281.539,1234	838,106m	835,940m	
40+560,00	2028	207.380,5118	8.281.530,1955	838,413m	835,743m	
40+580,00	2029	207.398,4085	8.281.521,2675	838,465m	835,546m	
40+600,00	2030	207.416,3052	8.281.512,3396	837,999m	835,348m	
40+620,00	2031	207.434,2019	8.281.503,4117	837,476m	835,151m	
40+640,00	2032	207.452,0986	8.281.494,4837	836,462m	834,954m	
40+660,00	2033	207.469,9953	8.281.485,5558	835,357m	834,757m	
40+680,00	2034	207.487,8920	8.281.476,6278	834,501m	834,559m	
40+700,00	2035	207.505,7887	8.281.467,6999	834,043m	834,362m	
40+716,66	2035+16,66	207.520,6936	8.281.460,2644	833,443m	834,198m	PCV
40+720,00	2036	207.523,6854	8.281.458,7720	833,310m	834,166m	
40+740,00	2037	207.541,5821	8.281.449,8440	833,575m	834,022m	
40+760,00	2038	207.559,4788	8.281.440,9161	833,736m	833,957m	
40+766,20	2038+6,20	207.565,0251	8.281.438,1492	833,669m	833,953m	
40+780,00	2039	207.577,3755	8.281.431,9881	833,509m	833,972m	
40+800,00	2040	207.595,2722	8.281.423,0602	833,763m	834,067m	
40+811,66	2040+11,66	207.605,7029	8.281.417,8567	834,159m	834,159m	PIV
40+820,00	2041	207.613,1689	8.281.414,1323	834,461m	834,241m	
40+840,00	2042	207.631,0656	8.281.405,2043	835,186m	834,496m	
40+860,00	2043	207.648,9623	8.281.396,2764	835,649m	834,829m	
40+880,00	2044	207.666,8590	8.281.387,3484	836,694m	835,243m	

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KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
40+900,00	2045	207.684,7557	8.281.378,4205	838,045m	835,736m	
40+906,66	2045+6,66	207.690,7122	8.281.375,4490	838,495m	835,918m	PTV
40+920,00	2046	207.702,6524	8.281.369,4925	838,842m	836,291m	
40+940,00	2047	207.720,5491	8.281.360,5646	839,674m	836,850m	
40+960,00	2048	207.738,4458	8.281.351,6367	840,230m	837,410m	
40+980,00	2049	207.756,3425	8.281.342,7087	840,412m	837,969m	
41+000,00	2050	207.774,2392	8.281.333,7808	840,936m	838,528m	
41+020,00	2051	207.792,1359	8.281.324,8528	841,460m	839,088m	
41+040,00	2052	207.810,0326	8.281.315,9249	842,007m	839,647m	
41+060,00	2053	207.827,9293	8.281.306,9970	842,646m	840,206m	
41+080,00	2054	207.845,8260	8.281.298,0690	843,290m	840,766m	
41+100,00	2055	207.863,7227	8.281.289,1411	843,816m	841,325m	
41+120,00	2056	207.881,6194	8.281.280,2131	843,883m	841,885m	
41+140,00	2057	207.899,5161	8.281.271,2852	844,491m	842,444m	
41+160,00	2058	207.917,4128	8.281.262,3573	844,927m	843,003m	
41+180,00	2059	207.935,3095	8.281.253,4293	844,961m	843,563m	
41+200,00	2060	207.953,2062	8.281.244,5014	845,357m	844,122m	
41+220,00	2061	207.971,1029	8.281.235,5734	845,526m	844,682m	
41+240,00	2062	207.988,9996	8.281.226,6455	845,614m	845,241m	
41+260,00	2063	208.006,8963	8.281.217,7176	845,795m	845,800m	
41+280,00	2064	208.024,7930	8.281.208,7896	845,914m	846,360m	
41+297,66	2064+17,66	208.040,5927	8.281.200,9078	846,378m	846,854m	PCV
41+300,00	2065	208.042,6897	8.281.199,8617	846,439m	846,919m	
41+320,00	2066	208.060,5864	8.281.190,9337	847,947m	847,456m	
41+337,66	2066+17,66	208.076,3861	8.281.183,0519	848,591m	847,901m	PIV
41+340,00	2067	208.078,4831	8.281.182,0058	848,638m	847,958m	
41+360,00	2068	208.096,3798	8.281.173,0779	849,414m	848,424m	
41+377,66	2068+17,66	208.112,1795	8.281.165,1960	849,797m	848,806m	PTV
41+380,00	2069	208.114,2765	8.281.164,1499	849,820m	848,854m	
41+394,80	2069+14,80	208.127,5242	8.281.157,5412	850,294m	849,163m	PC
41+396,66	2069+16,66	208.129,1825	8.281.156,7167	850,385m	849,201m	PCV
41+400,00	2070	208.132,1818	8.281.155,2393	850,547m	849,280m	
41+401,66	2070+1,66	208.133,6705	8.281.154,5126	850,628m	849,325m	PIV
41+406,66	2070+6,66	208.138,1741	8.281.152,3407	850,684m	849,488m	PTV
41+420,00	2071	208.150,2678	8.281.146,7030	850,858m	849,974m	
41+440,00	2072	208.168,5908	8.281.138,6879	851,800m	850,704m	
41+460,00	2073	208.187,1357	8.281.131,2006	852,552m	851,433m	
41+469,66	2073+9,66	208.196,1646	8.281.127,7763	852,968m	851,785m	PCV
41+479,66	2073+19,66	208.205,5636	8.281.124,3621	853,509m	852,095m	PIV
41+480,00	2074	208.205,8873	8.281.124,2472	853,527m	852,103m	
41+489,66	2074+9,66	208.215,0106	8.281.121,0827	854,041m	852,295m	PTV
41+500,00	2075	208.224,8302	8.281.117,8334	854,838m	852,446m	
41+520,00	2076	208.243,9490	8.281.111,9645	856,133m	852,737m	
41+540,00	2077	208.263,2280	8.281.106,6452	856,327m	853,029m	
41+560,00	2078	208.282,6513	8.281.101,8800	854,805m	853,320m	
41+580,00	2079	208.302,2031	8.281.097,6728	853,363m	853,611m	
41+600,00	2080	208.321,8673	8.281.094,0269	851,800m	853,903m	
41+620,00	2081	208.341,6278	8.281.090,9454	850,467m	854,194m	

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KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
41+640,00	2082	208.361,4684	8.281.088,4308	849,581m	854,485m	
41+660,00	2083	208.381,3728	8.281.086,4851	848,989m	854,777m	
41+680,00	2084	208.401,3248	8.281.085,1101	848,980m	855,068m	
41+700,00	2085	208.421,3080	8.281.084,3067	849,223m	855,359m	
41+720,00	2086	208.441,3060	8.281.084,0756	849,767m	855,651m	
41+740,00	2087	208.461,3024	8.281.084,4171	850,732m	855,942m	
41+760,00	2088	208.481,2808	8.281.085,3308	852,204m	856,233m	
41+780,00	2089	208.501,2249	8.281.086,8161	853,490m	856,524m	
41+789,16	2089+9,16	208.510,3399	8.281.087,6864	854,051m	856,658m	PCV
41+800,00	2090	208.521,1183	8.281.088,8716	854,812m	856,831m	
41+820,00	2091	208.540,9447	8.281.091,4957	855,957m	857,227m	
41+840,00	2092	208.560,6879	8.281.094,6863	857,039m	857,724m	
41+860,00	2093	208.580,3316	8.281.098,4407	858,253m	858,322m	
41+864,16	2093+4,16	208.584,4002	8.281.099,2914	858,426m	858,459m	PIV
41+880,00	2094	208.599,8599	8.281.102,7559	859,147m	859,021m	
41+900,00	2095	208.619,2566	8.281.107,6282	860,050m	859,821m	
41+920,00	2096	208.638,5059	8.281.113,0539	860,877m	860,721m	
41+939,16	2096+19,16	208.656,7906	8.281.118,7653	861,712m	861,678m	PTV
41+940,00	2097	208.657,5920	8.281.119,0283	861,756m	861,723m	
41+950,66	2097+10,66	208.667,6896	8.281.122,4341	862,324m	862,281m	PCV
41+960,00	2098	208.676,4992	8.281.125,5466	862,829m	862,725m	
41+960,66	2098+0,66	208.677,1167	8.281.125,7697	862,864m	862,753m	PIV
41+970,66	2098+10,66	208.686,4952	8.281.129,2400	863,333m	863,121m	PTV
41+980,00	2099	208.695,2122	8.281.132,6034	863,718m	863,417m	
42+000,00	2100	208.713,7154	8.281.140,1930	864,534m	864,050m	
42+020,00	2101	208.731,9939	8.281.148,3092	865,340m	864,683m	
42+029,16	2101+9,16	208.740,2831	8.281.152,1989	865,704m	864,973m	PCV
42+039,16	2101+19,16	208.749,2768	8.281.156,5706	866,039m	865,344m	PIV
42+040,00	2102	208.750,0325	8.281.156,9452	866,074m	865,381m	
42+046,71	2102+6,71	208.756,0242	8.281.159,9559	866,356m	865,697m	PT
42+049,16	2102+9,16	208.758,2089	8.281.161,0668	866,459m	865,826m	PTV
42+060,00	2103	208.767,8745	8.281.165,9817	866,913m	866,407m	
42+080,00	2104	208.785,7021	8.281.175,0468	867,967m	867,479m	
42+100,00	2105	208.803,5297	8.281.184,1120	868,965m	868,551m	
42+120,00	2106	208.821,3573	8.281.193,1772	869,934m	869,623m	
42+140,00	2107	208.839,1848	8.281.202,2424	871,115m	870,695m	
42+160,00	2108	208.857,0124	8.281.211,3076	872,205m	871,767m	
42+180,00	2109	208.874,8400	8.281.220,3728	873,274m	872,839m	
42+200,00	2110	208.892,6675	8.281.229,4380	874,344m	873,911m	
42+220,00	2111	208.910,4951	8.281.238,5032	875,549m	874,983m	
42+240,00	2112	208.928,3227	8.281.247,5684	877,050m	876,055m	
42+260,00	2113	208.946,1503	8.281.256,6336	878,219m	877,127m	
42+270,17	2113+10,17	208.955,2144	8.281.261,2426	878,997m	877,672m	PC
42+279,16	2113+19,16	208.963,2534	8.281.265,2619	879,694m	878,154m	PCV
42+280,00	2114	208.964,0106	8.281.265,6335	879,760m	878,199m	
42+289,16	2114+9,16	208.972,2610	8.281.269,6049	879,908m	878,643m	PIV
42+299,16	2114+19,16	208.981,3332	8.281.273,8113	879,941m	879,039m	PTV
42+300,00	2115	208.982,1013	8.281.274,1598	879,943m	879,069m	

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KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
42+303,66	2115+3,66	208.985,4362	8.281.275,6593	879,951m	879,197m	PCV
42+308,66	2115+8,66	208.990,0098	8.281.277,6799	879,960m	879,396m	PIV
42+313,66	2115+13,66	208.994,5984	8.281.279,6658	879,968m	879,646m	PTV
42+320,00	2116	209.000,4414	8.281.282,1353	880,214m	879,995m	
42+340,00	2117	209.019,0143	8.281.289,5526	882,185m	881,096m	
42+360,00	2118	209.037,8030	8.281.296,4050	884,348m	882,196m	
42+380,00	2119	209.056,7902	8.281.302,6862	885,990m	883,297m	
42+400,00	2120	209.075,9587	8.281.308,3905	887,694m	884,397m	
42+420,00	2121	209.095,2909	8.281.313,5126	889,102m	885,497m	
42+440,00	2122	209.114,7691	8.281.318,0479	890,510m	886,598m	
42+460,00	2123	209.134,3756	8.281.321,9922	891,948m	887,698m	
42+480,00	2124	209.154,0923	8.281.325,3419	893,552m	888,799m	
42+500,00	2125	209.173,9013	8.281.328,0939	894,455m	889,899m	
42+520,00	2126	209.193,7844	8.281.330,2458	895,333m	891,000m	
42+540,00	2127	209.213,7235	8.281.331,7956	895,965m	892,100m	
42+560,00	2128	209.233,7003	8.281.332,7417	896,356m	893,200m	
42+580,00	2129	209.253,6967	8.281.333,0835	896,665m	894,301m	
42+600,00	2130	209.273,6942	8.281.332,8206	896,778m	895,401m	
42+620,00	2131	209.293,6746	8.281.331,9531	895,703m	896,502m	
42+640,00	2132	209.313,6196	8.281.330,4820	894,971m	897,602m	
42+660,00	2133	209.333,5111	8.281.328,4085	896,222m	898,703m	
42+667,66	2133+7,66	209.341,1081	8.281.327,4557	896,740m	899,124m	PCV
42+677,66	2133+17,66	209.351,0128	8.281.326,0788	897,357m	899,722m	PIV
42+680,00	2134	209.353,3308	8.281.325,7346	897,448m	899,876m	
42+687,66	2134+7,66	209.360,8955	8.281.324,5525	897,761m	900,417m	PTV
42+694,66	2134+14,66	209.367,7991	8.281.323,3952	898,061m	900,936m	PCV
42+699,66	2134+19,66	209.372,7226	8.281.322,5238	898,285m	901,282m	PIV
42+700,00	2135	209.373,0605	8.281.322,4626	898,300m	901,304m	
42+704,66	2135+4,66	209.377,6394	8.281.321,6153	898,843m	901,576m	PTV
42+716,38	2135+16,38	209.389,1362	8.281.319,3402	900,519m	902,204m	PT
42+720,00	2136	209.392,6844	8.281.318,6053	900,752m	902,398m	
42+740,00	2137	209.412,2688	8.281.314,5492	902,167m	903,470m	
42+750,00	2137+10,00	209.422,0610	8.281.312,5212	903,038m	904,007m	PCV
42+760,00	2138	209.431,8532	8.281.310,4931	903,941m	904,552m	
42+780,00	2139	209.451,4375	8.281.306,4370	905,526m	905,702m	
42+800,00	2140	209.471,0219	8.281.302,3808	907,109m	906,928m	
42+820,00	2141	209.490,6063	8.281.298,3247	908,047m	908,232m	
42+840,00	2142	209.510,1907	8.281.294,2686	909,504m	909,613m	
42+850,00	2142+10,00	209.519,9829	8.281.292,2405	910,649m	910,333m	PTV
42+860,00	2143	209.529,7750	8.281.290,2125	911,855m	911,062m	
42+880,00	2144	209.549,3594	8.281.286,1564	913,483m	912,521m	
42+900,00	2145	209.568,9438	8.281.282,1002	914,836m	913,979m	
42+920,00	2146	209.588,5282	8.281.278,0441	915,896m	915,437m	
42+940,00	2147	209.608,1126	8.281.273,9880	917,337m	916,896m	
42+960,00	2148	209.627,6969	8.281.269,9319	918,793m	918,354m	
42+970,00	2148+10,00	209.637,4891	8.281.267,9038	919,432m	919,083m	PCV
42+980,00	2149	209.647,2813	8.281.265,8758	919,981m	919,800m	
43+000,00	2150	209.666,8657	8.281.261,8196	920,876m	921,159m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
43+010,00	2150+10,00	209.676,6579	8.281.259,7916	921,001m	921,802m	PIV
43+020,00	2151	209.686,4501	8.281.257,7635	921,126m	922,420m	
43+040,00	2152	209.706,0345	8.281.253,7074	921,376m	923,581m	
43+050,00	2152+10,00	209.715,8266	8.281.251,6793	921,502m	924,125m	PTV
43+060,00	2153	209.725,6188	8.281.249,6513	921,809m	924,656m	
43+080,00	2154	209.745,2032	8.281.245,5952	922,440m	925,719m	
43+100,00	2155	209.764,7876	8.281.241,5390	923,005m	926,781m	
43+120,00	2156	209.784,3720	8.281.237,4829	923,867m	927,844m	
43+140,00	2157	209.803,9563	8.281.233,4268	924,687m	928,906m	
43+160,00	2158	209.823,5407	8.281.229,3707	925,416m	929,969m	
43+180,00	2159	209.843,1251	8.281.225,3145	926,815m	931,031m	
43+200,00	2160	209.862,7095	8.281.221,2584	928,829m	932,094m	
43+220,00	2161	209.882,2939	8.281.217,2023	930,057m	933,156m	
43+240,00	2162	209.901,8782	8.281.213,1462	930,969m	934,219m	
43+260,00	2163	209.921,4626	8.281.209,0901	931,920m	935,281m	
43+280,00	2164	209.941,0470	8.281.205,0339	932,969m	936,288m	
43+300,00	2165	209.960,6314	8.281.200,9778	934,017m	937,182m	
43+320,00	2166	209.980,2157	8.281.196,9217	934,939m	937,965m	
43+330,00	2166+10,00	209.990,0079	8.281.194,8936	935,306m	938,314m	PIV
43+340,00	2167	209.999,8001	8.281.192,8656	935,614m	938,636m	
43+360,00	2168	210.019,3845	8.281.188,8095	936,078m	939,195m	
43+380,00	2169	210.038,9689	8.281.184,7533	936,334m	939,642m	
43+400,00	2170	210.058,5533	8.281.180,6972	936,423m	939,977m	
43+420,00	2171	210.078,1376	8.281.176,6411	936,468m	940,256m	
43+440,00	2172	210.097,7220	8.281.172,5850	936,688m	940,535m	
43+460,00	2173	210.117,3064	8.281.168,5288	936,732m	940,814m	
43+480,00	2174	210.136,8908	8.281.164,4727	937,078m	941,093m	
43+500,00	2175	210.156,4752	8.281.160,4166	937,610m	941,372m	
43+520,00	2176	210.176,0595	8.281.156,3605	938,025m	941,651m	
43+540,00	2177	210.195,6439	8.281.152,3044	938,554m	941,930m	
43+560,00	2178	210.215,2283	8.281.148,2482	939,083m	942,209m	
43+580,00	2179	210.234,8127	8.281.144,1921	939,155m	942,488m	
43+600,00	2180	210.254,3970	8.281.140,1360	939,663m	942,767m	
43+620,00	2181	210.273,9814	8.281.136,0799	940,382m	943,047m	
43+640,00	2182	210.293,5658	8.281.132,0238	940,485m	943,326m	
43+660,00	2183	210.313,1502	8.281.127,9676	940,635m	943,605m	
43+680,00	2184	210.332,7346	8.281.123,9115	940,918m	943,884m	
43+700,00	2185	210.352,3189	8.281.119,8554	941,194m	944,163m	
43+720,00	2186	210.371,9033	8.281.115,7993	941,422m	944,442m	
43+740,00	2187	210.391,4877	8.281.111,7431	941,582m	944,721m	
43+760,00	2188	210.411,0721	8.281.107,6870	941,898m	945,063m	
43+780,00	2189	210.430,6565	8.281.103,6309	942,467m	945,529m	
43+800,00	2190	210.450,2408	8.281.099,5748	943,037m	946,059m	
43+820,00	2191	210.469,8252	8.281.095,5187	943,606m	946,588m	
43+840,00	2192	210.489,4096	8.281.091,4625	944,380m	947,182m	
43+860,00	2193	210.508,9940	8.281.087,4064	945,211m	947,908m	
43+880,00	2194	210.528,5783	8.281.083,3503	945,955m	948,698m	
43+891,06	2194+11,06	210.539,4098	8.281.081,1070	946,366m	949,136m	PC

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
43+900,00	2195	210.548,1724	8.281.079,3420	946,688m	949,489m	
43+920,00	2196	210.567,8449	8.281.075,7401	947,334m	950,280m	
43+940,00	2197	210.587,5995	8.281.072,6199	947,985m	951,070m	
43+960,00	2198	210.607,4245	8.281.069,9832	948,528m	951,861m	
43+980,00	2199	210.627,3079	8.281.067,8316	949,179m	952,652m	
44+000,00	2200	210.647,2379	8.281.066,1664	950,446m	953,442m	
44+020,00	2201	210.667,2027	8.281.064,9885	951,554m	954,233m	
44+040,00	2202	210.687,1903	8.281.064,2988	952,484m	955,023m	
44+058,61	2202+18,61	210.705,7974	8.281.064,0957	953,377m	955,759m	PT
44+060,00	2203	210.707,1888	8.281.064,0963	953,444m	955,814m	
44+070,00	2203+10,00	210.717,1888	8.281.064,1008	953,930m	956,209m	PCV
44+080,00	2204	210.727,1888	8.281.064,1054	954,428m	956,621m	
44+090,00	2204+10,00	210.737,1888	8.281.064,1099	954,940m	957,067m	PIV
44+100,00	2205	210.747,1888	8.281.064,1144	955,452m	957,546m	
44+110,00	2205+10,00	210.757,1888	8.281.064,1190	955,936m	958,059m	PTV
44+120,00	2206	210.767,1888	8.281.064,1235	956,444m	958,588m	
44+140,00	2207	210.787,1888	8.281.064,1325	957,309m	959,647m	
44+160,00	2208	210.807,1888	8.281.064,1416	958,265m	960,706m	
44+180,00	2209	210.827,1888	8.281.064,1506	959,281m	961,765m	
44+200,00	2210	210.847,1888	8.281.064,1597	960,298m	962,824m	
44+220,00	2211	210.867,1888	8.281.064,1687	961,314m	963,882m	
44+240,00	2212	210.887,1888	8.281.064,1778	962,419m	964,892m	
44+260,00	2213	210.907,1888	8.281.064,1869	963,487m	965,804m	
44+280,00	2214	210.927,1888	8.281.064,1959	964,567m	966,618m	
44+300,00	2215	210.947,1888	8.281.064,2050	965,522m	967,333m	
44+320,00	2216	210.967,1888	8.281.064,2140	966,477m	968,000m	
44+340,00	2217	210.987,1888	8.281.064,2231	967,053m	968,667m	
44+360,00	2218	211.007,1888	8.281.064,2321	967,639m	969,333m	
44+380,00	2219	211.027,1888	8.281.064,2412	968,225m	970,000m	
44+400,00	2220	211.047,1888	8.281.064,2502	969,022m	970,667m	
44+420,00	2221	211.067,1888	8.281.064,2593	969,664m	971,333m	
44+440,00	2222	211.087,1888	8.281.064,2683	970,279m	972,000m	
44+460,00	2223	211.107,1888	8.281.064,2774	970,825m	972,667m	
44+480,00	2224	211.127,1888	8.281.064,2865	971,380m	973,333m	
44+500,00	2225	211.147,1888	8.281.064,2955	972,053m	974,000m	
44+520,00	2226	211.167,1888	8.281.064,3046	972,743m	974,656m	
44+540,00	2227	211.187,1888	8.281.064,3136	973,434m	975,291m	
44+560,00	2228	211.207,1888	8.281.064,3227	974,127m	975,904m	
44+580,00	2229	211.227,1888	8.281.064,3317	974,821m	976,496m	
44+590,00	2229+10,00	211.237,1888	8.281.064,3363	975,152m	976,784m	PIV
44+600,00	2230	211.247,1888	8.281.064,3408	975,433m	977,067m	
44+620,00	2231	211.267,1888	8.281.064,3498	976,082m	977,616m	
44+640,00	2232	211.287,1888	8.281.064,3589	976,927m	978,145m	
44+660,00	2233	211.307,1888	8.281.064,3679	977,754m	978,651m	
44+680,00	2234	211.327,1888	8.281.064,3770	978,320m	979,137m	
44+700,00	2235	211.347,1888	8.281.064,3860	978,877m	979,612m	
44+720,00	2236	211.367,1888	8.281.064,3951	979,598m	980,087m	
44+727,53	2236+7,53	211.374,7203	8.281.064,3985	979,834m	980,265m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
44+740,00	2237	211.387,1884	8.281.064,4874	980,202m	980,561m	
44+760,00	2238	211.407,1879	8.281.064,6300	980,666m	981,036m	
44+780,00	2239	211.427,1874	8.281.064,7725	980,544m	981,511m	
44+800,00	2240	211.447,1869	8.281.064,9151	980,683m	981,986m	
44+820,00	2241	211.467,1864	8.281.065,0577	981,214m	982,461m	
44+840,00	2242	211.487,1859	8.281.065,2002	981,579m	982,936m	
44+860,00	2243	211.507,1854	8.281.065,3428	981,854m	983,411m	
44+880,00	2244	211.527,1849	8.281.065,4854	982,131m	983,885m	
44+900,00	2245	211.547,1844	8.281.065,6279	982,804m	984,360m	
44+920,00	2246	211.567,1839	8.281.065,7705	983,573m	984,835m	
44+940,00	2247	211.587,1834	8.281.065,9131	984,343m	985,310m	
44+950,00	2247+10,00	211.597,1831	8.281.065,9844	984,702m	985,547m	PCV
44+960,00	2248	211.607,1829	8.281.066,0557	984,821m	985,779m	
44+980,00	2249	211.627,1823	8.281.066,1982	985,100m	986,207m	
44+990,00	2249+10,00	211.637,1821	8.281.066,2695	985,249m	986,403m	PIV
45+000,00	2250	211.647,1818	8.281.066,3408	985,398m	986,588m	
45+020,00	2251	211.667,1813	8.281.066,4834	985,799m	986,922m	
45+030,00	2251+10,00	211.677,1811	8.281.066,5546	986,062m	987,072m	PTV
45+040,00	2252	211.687,1808	8.281.066,6259	986,325m	987,215m	
45+060,00	2253	211.707,1803	8.281.066,7685	986,842m	987,503m	
45+080,00	2254	211.727,1798	8.281.066,9111	987,164m	987,790m	
45+100,00	2255	211.747,1793	8.281.067,0536	987,486m	988,077m	
45+120,00	2256	211.767,1788	8.281.067,1962	987,839m	988,364m	
45+140,00	2257	211.787,1783	8.281.067,3388	988,412m	988,652m	
45+160,00	2258	211.807,1778	8.281.067,4814	988,925m	988,939m	
45+180,00	2259	211.827,1773	8.281.067,6239	989,089m	989,226m	
45+195,66	2259+15,66	211.842,8334	8.281.067,7355	989,463m	989,451m	PCV
45+200,00	2260	211.847,1768	8.281.067,7665	989,489m	989,514m	
45+220,00	2261	211.867,1762	8.281.067,9091	990,174m	989,816m	
45+240,00	2262	211.887,1757	8.281.068,0516	990,575m	990,140m	
45+241,10	2262+1,10	211.888,2796	8.281.068,0595	990,597m	990,158m	
45+250,66	2262+10,66	211.897,8323	8.281.068,0821	990,786m	990,321m	PIV
45+260,00	2263	211.907,1757	8.281.068,1042	990,962m	990,485m	
45+280,00	2264	211.927,1756	8.281.068,1516	991,423m	990,851m	
45+300,00	2265	211.947,1755	8.281.068,1989	991,862m	991,238m	
45+305,66	2265+5,66	211.952,8321	8.281.068,2123	991,986m	991,351m	PTV
45+320,00	2266	211.967,1755	8.281.068,2462	992,301m	991,640m	
45+340,00	2267	211.987,1754	8.281.068,2936	992,740m	992,044m	
45+360,00	2268	212.007,1754	8.281.068,3409	993,178m	992,447m	
45+380,00	2269	212.027,1753	8.281.068,3883	993,597m	992,851m	
45+397,66	2269+17,66	212.044,8318	8.281.068,4300	993,938m	993,207m	PCV
45+400,00	2270	212.047,1753	8.281.068,4356	993,964m	993,254m	
45+420,00	2271	212.067,1752	8.281.068,4829	994,261m	993,646m	
45+427,66	2271+7,66	212.074,8318	8.281.068,5010	994,387m	993,791m	PIV
45+440,00	2272	212.087,1752	8.281.068,5303	994,614m	994,018m	
45+457,66	2272+17,66	212.104,8317	8.281.068,5721	995,029m	994,330m	PTV
45+460,00	2273	212.107,1751	8.281.068,5776	995,084m	994,371m	
45+477,66	2273+17,66	212.124,8321	8.281.068,6194	995,444m	994,676m	PCV

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
45+480,00	2274	212.127,1750	8.281.068,6249	995,484m	994,715m	
45+487,66	2274+7,66	212.134,8320	8.281.068,6431	995,617m	994,822m	PIV
45+497,66	2274+17,66	212.144,8320	8.281.068,6667	995,806m	994,915m	PTV
45+500,00	2275	212.147,1750	8.281.068,6723	995,851m	994,931m	
45+503,09	2275+3,09	212.150,2644	8.281.068,6796	995,909m	994,952m	PC
45+520,00	2276	212.167,0402	8.281.066,8457	995,994m	995,064m	
45+540,00	2277	212.185,7617	8.281.059,9753	995,938m	995,198m	
45+560,00	2278	212.202,0514	8.281.048,4713	995,769m	995,332m	
45+580,00	2279	212.214,7879	8.281.033,1260	994,718m	995,465m	
45+600,00	2280	212.223,0941	8.281.014,9958	994,710m	995,599m	
45+607,66	2280+7,66	212.224,9702	8.281.007,5755	994,389m	995,650m	PCV
45+609,44	2280+9,44	212.225,2987	8.281.005,8257	994,363m	995,662m	PT
45+611,69	2280+11,69	212.225,6879	8.281.003,6095	994,433m	995,678m	PC
45+620,00	2281	212.230,1771	8.280.996,8971	994,586m	995,740m	
45+626,53	2281+6,53	212.236,4116	8.280.995,3776	994,576m	995,794m	PT
45+640,00	2282	212.249,8274	8.280.996,5552	994,572m	995,918m	
45+642,67	2282+2,67	212.252,4909	8.280.996,7890	994,591m	995,945m	PC
45+647,66	2282+7,66	212.257,1458	8.280.998,4184	994,687m	995,997m	PIV
45+658,17	2282+18,17	212.261,5947	8.281.007,4109	995,046m	996,115m	PT
45+660,00	2283	212.261,4737	8.281.009,2400	995,111m	996,137m	
45+662,96	2283+2,96	212.261,2784	8.281.012,1918	995,215m	996,172m	PC
45+680,00	2284	212.262,7847	8.281.029,0985	995,647m	996,395m	
45+687,66	2284+7,66	212.265,1433	8.281.036,3767	995,797m	996,504m	PTV
45+700,00	2285	212.270,9966	8.281.047,2141	995,985m	996,686m	
45+720,00	2286	212.285,1149	8.281.061,2244	996,504m	996,979m	
45+740,00	2287	212.303,2930	8.281.069,2970	996,709m	997,273m	
45+752,74	2287+12,74	212.315,9134	8.281.070,8223	996,701m	997,460m	PT
45+760,00	2288	212.323,1726	8.281.070,8546	996,939m	997,566m	
45+780,00	2289	212.343,1724	8.281.070,9437	997,635m	997,860m	
45+800,00	2290	212.363,1722	8.281.071,0328	997,678m	998,153m	
45+820,00	2291	212.383,1720	8.281.071,1219	998,213m	998,447m	
45+840,00	2292	212.403,1718	8.281.071,2110	998,416m	998,740m	
45+860,00	2293	212.423,1716	8.281.071,3001	998,800m	999,034m	
45+880,00	2294	212.443,1714	8.281.071,3892	999,250m	999,328m	
45+900,00	2295	212.463,1712	8.281.071,4783	999,050m	999,621m	
45+920,00	2296	212.483,1710	8.281.071,5674	998,635m	999,915m	
45+940,00	2297	212.503,1708	8.281.071,6565	999,905m	1.000,208m	
45+960,00	2298	212.523,1706	8.281.071,7456	1.000,140m	1.000,502m	
45+980,00	2299	212.543,1704	8.281.071,8347	1.000,423m	1.000,795m	
46+000,00	2300	212.563,1702	8.281.071,9238	1.000,759m	1.001,089m	
46+020,00	2301	212.583,1700	8.281.072,0129	1.001,095m	1.001,382m	
46+040,00	2302	212.603,1698	8.281.072,1020	1.001,432m	1.001,676m	
46+060,00	2303	212.623,1696	8.281.072,1911	1.001,680m	1.001,970m	
46+080,00	2304	212.643,1694	8.281.072,2802	1.002,013m	1.002,263m	
46+100,00	2305	212.663,1692	8.281.072,3693	1.002,400m	1.002,557m	
46+120,00	2306	212.683,1690	8.281.072,4584	1.002,714m	1.002,850m	
46+140,00	2307	212.703,1688	8.281.072,5475	1.003,028m	1.003,144m	
46+160,00	2308	212.723,1686	8.281.072,6366	1.003,340m	1.003,437m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
46+180,00	2309	212.743,1685	8.281.072,7257	1.003,710m	1.003,731m	
46+200,00	2310	212.763,1683	8.281.072,8148	1.004,058m	1.004,024m	
46+220,00	2311	212.783,1681	8.281.072,9039	1.004,356m	1.004,318m	
46+240,00	2312	212.803,1679	8.281.072,9930	1.004,678m	1.004,612m	
46+260,00	2313	212.823,1677	8.281.073,0821	1.005,029m	1.004,905m	
46+267,66	2313+7,66	212.830,8246	8.281.073,1162	1.005,134m	1.005,018m	PCV
46+280,00	2314	212.843,1675	8.281.073,1712	1.005,245m	1.005,197m	
46+300,00	2315	212.863,1673	8.281.073,2603	1.005,341m	1.005,480m	
46+320,00	2316	212.883,1671	8.281.073,3494	1.005,478m	1.005,755m	
46+340,00	2317	212.903,1669	8.281.073,4385	1.005,766m	1.006,020m	
46+360,00	2318	212.923,1667	8.281.073,5276	1.006,041m	1.006,276m	
46+380,00	2319	212.943,1665	8.281.073,6167	1.006,246m	1.006,523m	
46+400,00	2320	212.963,1663	8.281.073,7058	1.006,450m	1.006,761m	
46+420,00	2321	212.983,1661	8.281.073,7949	1.006,660m	1.006,990m	
46+440,00	2322	213.003,1659	8.281.073,8840	1.006,986m	1.007,210m	
46+460,00	2323	213.023,1657	8.281.073,9730	1.007,441m	1.007,421m	
46+480,00	2324	213.043,1655	8.281.074,0621	1.007,323m	1.007,622m	
46+500,00	2325	213.063,1653	8.281.074,1512	1.007,005m	1.007,815m	
46+520,00	2326	213.083,1651	8.281.074,2403	1.007,056m	1.007,998m	
46+540,00	2327	213.103,1649	8.281.074,3294	1.007,642m	1.008,173m	
46+560,00	2328	213.123,1647	8.281.074,4185	1.007,837m	1.008,338m	
46+567,66	2328+7,66	213.130,8216	8.281.074,4526	1.007,850m	1.008,399m	PIV
46+580,00	2329	213.143,1645	8.281.074,5076	1.007,798m	1.008,494m	
46+600,00	2330	213.163,1643	8.281.074,5967	1.008,112m	1.008,642m	
46+620,00	2331	213.183,1641	8.281.074,6858	1.007,925m	1.008,780m	
46+640,00	2332	213.203,1639	8.281.074,7749	1.007,472m	1.008,909m	
46+660,00	2333	213.223,1637	8.281.074,8640	1.007,537m	1.009,029m	
46+680,00	2334	213.243,1635	8.281.074,9531	1.007,705m	1.009,139m	
46+700,00	2335	213.263,1633	8.281.075,0422	1.007,681m	1.009,241m	
46+720,00	2336	213.283,1631	8.281.075,1313	1.007,489m	1.009,334m	
46+740,00	2337	213.303,1629	8.281.075,2204	1.007,415m	1.009,417m	
46+760,00	2338	213.323,1627	8.281.075,3095	1.007,781m	1.009,492m	
46+780,00	2339	213.343,1625	8.281.075,3986	1.008,154m	1.009,557m	
46+800,00	2340	213.363,1623	8.281.075,4877	1.008,340m	1.009,614m	
46+820,00	2341	213.383,1621	8.281.075,5768	1.008,560m	1.009,661m	
46+840,00	2342	213.403,1619	8.281.075,6659	1.008,773m	1.009,699m	
46+860,00	2343	213.423,1617	8.281.075,7550	1.008,977m	1.009,728m	
46+867,66	2343+7,66	213.430,8186	8.281.075,7891	1.009,044m	1.009,737m	PTV
46+880,00	2344	213.443,1615	8.281.075,8441	1.009,180m	1.009,750m	
46+900,00	2345	213.463,1613	8.281.075,9332	1.009,392m	1.009,771m	
46+920,00	2346	213.483,1611	8.281.076,0223	1.009,326m	1.009,792m	
46+940,00	2347	213.503,1609	8.281.076,1114	1.009,181m	1.009,813m	
46+960,00	2348	213.523,1607	8.281.076,2005	1.009,095m	1.009,834m	
46+980,00	2349	213.543,1605	8.281.076,2896	1.009,122m	1.009,855m	
47+000,00	2350	213.563,1603	8.281.076,3787	1.009,278m	1.009,876m	
47+020,00	2351	213.583,1601	8.281.076,4678	1.009,927m	1.009,898m	
47+040,00	2352	213.603,1599	8.281.076,5569	1.009,468m	1.009,919m	
47+060,00	2353	213.623,1597	8.281.076,6460	1.009,008m	1.009,940m	

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KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
47+080,00	2354	213.643,1595	8.281.076,7351	1.008,848m	1.009,961m	
47+100,00	2355	213.663,1593	8.281.076,8242	1.009,031m	1.009,982m	
47+101,91	2355+1,91	213.665,0663	8.281.076,8327	1.009,049m	1.009,984m	PCV
47+120,00	2356	213.683,1591	8.281.076,9133	1.009,150m	1.009,997m	
47+121,91	2356+1,91	213.685,0661	8.281.076,9218	1.009,154m	1.009,998m	PIV
47+132,39	2356+12,39	213.695,5500	8.281.076,9685	1.009,176m	1.010,000m	PB
47+140,00	2357	213.703,1589	8.281.077,0024	1.009,192m	1.009,999m	
47+141,91	2357+1,91	213.705,0659	8.281.077,0109	1.009,196m	1.009,998m	PTV
47+160,00	2358	213.723,1587	8.281.077,0915	1.009,240m	1.009,992m	
47+180,00	2359	213.743,1585	8.281.077,1806	1.009,309m	1.009,986m	
47+200,00	2360	213.763,1583	8.281.077,2697	1.009,329m	1.009,979m	
47+220,00	2361	213.783,1581	8.281.077,3588	1.009,309m	1.009,973m	
47+240,00	2362	213.803,1579	8.281.077,4479	1.009,341m	1.009,966m	
47+260,00	2363	213.823,1577	8.281.077,5370	1.009,356m	1.009,959m	
47+280,00	2364	213.843,1575	8.281.077,6261	1.009,413m	1.009,953m	
47+300,00	2365	213.863,1573	8.281.077,7152	1.009,429m	1.009,946m	
47+320,00	2366	213.883,1571	8.281.077,8043	1.009,405m	1.009,940m	
47+340,00	2367	213.903,1569	8.281.077,8934	1.009,386m	1.009,933m	
47+360,00	2368	213.923,1567	8.281.077,9824	1.009,517m	1.009,927m	
47+380,00	2369	213.943,1565	8.281.078,0715	1.009,447m	1.009,920m	
47+400,00	2370	213.963,1563	8.281.078,1606	1.009,597m	1.009,913m	
47+420,00	2371	213.983,1561	8.281.078,2497	1.009,513m	1.009,907m	
47+440,00	2372	214.003,1559	8.281.078,3388	1.009,481m	1.009,900m	
47+460,00	2373	214.023,1557	8.281.078,4279	1.009,478m	1.009,894m	
47+480,00	2374	214.043,1556	8.281.078,5170	1.009,515m	1.009,887m	
47+500,00	2375	214.063,1554	8.281.078,6061	1.009,597m	1.009,881m	
47+520,00	2376	214.083,1552	8.281.078,6952	1.009,461m	1.009,874m	
47+540,00	2377	214.103,1550	8.281.078,7843	1.009,500m	1.009,867m	
47+560,00	2378	214.123,1548	8.281.078,8734	1.009,499m	1.009,861m	
47+580,00	2379	214.143,1546	8.281.078,9625	1.009,521m	1.009,854m	
47+600,00	2380	214.163,1544	8.281.079,0516	1.009,504m	1.009,848m	
47+620,00	2381	214.183,1542	8.281.079,1407	1.009,317m	1.009,841m	
47+640,00	2382	214.203,1540	8.281.079,2298	1.009,238m	1.009,834m	
47+660,00	2383	214.223,1538	8.281.079,3189	1.009,250m	1.009,828m	
47+680,00	2384	214.243,1536	8.281.079,4080	1.009,234m	1.009,821m	
47+700,00	2385	214.263,1534	8.281.079,4971	1.009,218m	1.009,815m	
47+720,00	2386	214.283,1532	8.281.079,5862	1.009,168m	1.009,808m	
47+740,00	2387	214.303,1530	8.281.079,6753	1.009,092m	1.009,802m	
47+760,00	2388	214.323,1528	8.281.079,7644	1.009,073m	1.009,795m	
47+780,00	2389	214.343,1526	8.281.079,8535	1.009,098m	1.009,788m	
47+800,00	2390	214.363,1524	8.281.079,9426	1.009,134m	1.009,782m	
47+813,16	2390+13,16	214.376,3092	8.281.080,0012	1.009,225m	1.009,778m	PCV
47+820,00	2391	214.383,1522	8.281.080,0317	1.009,271m	1.009,776m	
47+837,67	2391+17,67	214.400,8251	8.281.080,1104	1.009,391m	1.009,773m	
47+840,00	2392	214.403,1520	8.281.080,1208	1.009,407m	1.009,774m	
47+860,00	2393	214.423,1518	8.281.080,2099	1.009,576m	1.009,777m	
47+863,16	2393+3,16	214.426,3087	8.281.080,2240	1.009,643m	1.009,778m	PIV
47+880,00	2394	214.443,1516	8.281.080,2990	1.009,207m	1.009,785m	

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KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
47+900,00	2395	214.463,1514	8.281.080,3881	1.009,088m	1.009,800m	
47+913,16	2395+13,16	214.476,3083	8.281.080,4467	1.008,972m	1.009,812m	PTV
47+920,00	2396	214.483,1512	8.281.080,4772	1.008,946m	1.009,819m	
47+940,00	2397	214.503,1510	8.281.080,5663	1.008,870m	1.009,839m	
47+960,00	2398	214.523,1508	8.281.080,6554	1.008,876m	1.009,859m	
47+980,00	2399	214.543,1506	8.281.080,7445	1.008,893m	1.009,879m	
48+000,00	2400	214.563,1504	8.281.080,8336	1.009,018m	1.009,900m	
48+020,00	2401	214.583,1502	8.281.080,9227	1.009,136m	1.009,920m	
48+040,00	2402	214.603,1500	8.281.081,0118	1.009,193m	1.009,940m	
48+060,00	2403	214.623,1498	8.281.081,1009	1.009,255m	1.009,960m	
48+080,00	2404	214.643,1496	8.281.081,1900	1.009,107m	1.009,981m	
48+100,00	2405	214.663,1494	8.281.081,2791	1.009,138m	1.010,001m	
48+120,00	2406	214.683,1492	8.281.081,3682	1.009,168m	1.010,021m	
48+140,00	2407	214.703,1490	8.281.081,4573	1.009,160m	1.010,041m	
48+160,00	2408	214.723,1488	8.281.081,5464	1.009,164m	1.010,062m	
48+180,00	2409	214.743,1486	8.281.081,6355	1.009,197m	1.010,082m	
48+200,00	2410	214.763,1484	8.281.081,7246	1.009,226m	1.010,102m	
48+220,00	2411	214.783,1482	8.281.081,8137	1.009,257m	1.010,122m	
48+240,00	2412	214.803,1480	8.281.081,9028	1.009,239m	1.010,143m	
48+260,00	2413	214.823,1478	8.281.081,9918	1.009,365m	1.010,163m	
48+280,00	2414	214.843,1476	8.281.082,0809	1.009,603m	1.010,183m	
48+300,00	2415	214.863,1474	8.281.082,1700	1.009,727m	1.010,204m	
48+320,00	2416	214.883,1472	8.281.082,2591	1.009,825m	1.010,224m	
48+340,00	2417	214.903,1470	8.281.082,3482	1.009,815m	1.010,244m	
48+360,00	2418	214.923,1468	8.281.082,4373	1.009,703m	1.010,264m	
48+380,00	2419	214.943,1466	8.281.082,5264	1.009,629m	1.010,285m	
48+400,00	2420	214.963,1464	8.281.082,6155	1.009,727m	1.010,305m	
48+420,00	2421	214.983,1462	8.281.082,7046	1.009,797m	1.010,325m	
48+440,00	2422	215.003,1460	8.281.082,7937	1.009,835m	1.010,345m	
48+460,00	2423	215.023,1458	8.281.082,8828	1.009,829m	1.010,366m	
48+480,00	2424	215.043,1456	8.281.082,9719	1.009,824m	1.010,386m	
48+500,00	2425	215.063,1454	8.281.083,0610	1.009,971m	1.010,406m	
48+520,00	2426	215.083,1452	8.281.083,1501	1.010,142m	1.010,426m	
48+540,00	2427	215.103,1450	8.281.083,2392	1.010,270m	1.010,447m	
48+560,00	2428	215.123,1448	8.281.083,3283	1.010,180m	1.010,467m	
48+580,00	2429	215.143,1446	8.281.083,4174	1.010,082m	1.010,487m	
48+600,00	2430	215.163,1444	8.281.083,5065	1.010,055m	1.010,507m	
48+620,00	2431	215.183,1442	8.281.083,5956	1.010,024m	1.010,528m	
48+640,00	2432	215.203,1440	8.281.083,6847	1.010,051m	1.010,548m	
48+660,00	2433	215.223,1438	8.281.083,7738	1.010,107m	1.010,568m	
48+674,61	2433+14,61	215.237,7514	8.281.083,8389	1.010,096m	1.010,583m	
48+680,00	2434	215.243,1436	8.281.083,8655	1.010,085m	1.010,588m	
48+700,00	2435	215.263,1434	8.281.083,9644	1.010,046m	1.010,609m	
48+720,00	2436	215.283,1431	8.281.084,0632	1.010,143m	1.010,629m	
48+740,00	2437	215.303,1429	8.281.084,1621	1.010,286m	1.010,649m	
48+760,00	2438	215.323,1427	8.281.084,2609	1.010,324m	1.010,669m	
48+780,00	2439	215.343,1424	8.281.084,3598	1.010,302m	1.010,690m	
48+800,00	2440	215.363,1422	8.281.084,4586	1.010,292m	1.010,710m	

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KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
48+820,00	2441	215.383,1419	8.281.084,5575	1.010,366m	1.010,730m	
48+840,00	2442	215.403,1417	8.281.084,6564	1.010,394m	1.010,750m	
48+860,00	2443	215.423,1414	8.281.084,7552	1.010,282m	1.010,771m	
48+880,00	2444	215.443,1412	8.281.084,8541	1.010,071m	1.010,791m	
48+900,00	2445	215.463,1409	8.281.084,9529	1.009,927m	1.010,811m	
48+920,00	2446	215.483,1407	8.281.085,0518	1.009,783m	1.010,831m	
48+940,00	2447	215.503,1405	8.281.085,1506	1.009,921m	1.010,852m	
48+960,00	2448	215.523,1402	8.281.085,2495	1.010,127m	1.010,872m	
48+980,00	2449	215.543,1400	8.281.085,3483	1.010,308m	1.010,892m	
49+000,00	2450	215.563,1397	8.281.085,4472	1.010,371m	1.010,913m	
49+020,00	2451	215.583,1395	8.281.085,5460	1.010,429m	1.010,933m	
49+040,00	2452	215.603,1392	8.281.085,6449	1.010,472m	1.010,953m	
49+060,00	2453	215.623,1390	8.281.085,7437	1.010,617m	1.010,973m	
49+080,00	2454	215.643,1387	8.281.085,8426	1.010,494m	1.010,994m	
49+100,00	2455	215.663,1385	8.281.085,9414	1.010,187m	1.011,014m	
49+120,00	2456	215.683,1383	8.281.086,0403	1.010,475m	1.011,034m	
49+131,66	2456+11,66	215.694,7951	8.281.086,0979	1.010,567m	1.011,046m	PCV
49+140,00	2457	215.703,1380	8.281.086,1391	1.010,633m	1.011,054m	
49+160,00	2458	215.723,1378	8.281.086,2380	1.010,793m	1.011,077m	
49+180,00	2459	215.743,1375	8.281.086,3368	1.010,583m	1.011,101m	
49+200,00	2460	215.763,1373	8.281.086,4357	1.010,259m	1.011,127m	
49+220,00	2461	215.783,1370	8.281.086,5346	1.009,746m	1.011,155m	
49+240,00	2462	215.803,1368	8.281.086,6334	1.009,229m	1.011,185m	
49+260,00	2463	215.823,1365	8.281.086,7323	1.009,804m	1.011,217m	
49+280,00	2464	215.843,1363	8.281.086,8311	1.010,458m	1.011,251m	
49+300,00	2465	215.863,1361	8.281.086,9300	1.010,636m	1.011,287m	
49+320,00	2466	215.883,1358	8.281.087,0288	1.010,821m	1.011,325m	
49+340,00	2467	215.903,1356	8.281.087,1277	1.010,964m	1.011,366m	
49+360,00	2468	215.923,1353	8.281.087,2265	1.010,916m	1.011,408m	
49+380,00	2469	215.943,1351	8.281.087,3254	1.010,898m	1.011,452m	
49+400,00	2470	215.963,1348	8.281.087,4242	1.010,932m	1.011,498m	
49+420,00	2471	215.983,1346	8.281.087,5231	1.011,096m	1.011,546m	
49+440,00	2472	216.003,1343	8.281.087,6219	1.011,282m	1.011,596m	
49+460,00	2473	216.023,1341	8.281.087,7208	1.011,293m	1.011,648m	
49+480,00	2474	216.043,1339	8.281.087,8196	1.011,310m	1.011,703m	
49+500,00	2475	216.063,1336	8.281.087,9185	1.011,276m	1.011,759m	
49+520,00	2476	216.083,1334	8.281.088,0173	1.011,322m	1.011,817m	
49+540,00	2477	216.103,1331	8.281.088,1162	1.011,358m	1.011,877m	
49+560,00	2478	216.123,1329	8.281.088,2150	1.011,394m	1.011,939m	
49+580,00	2479	216.143,1326	8.281.088,3139	1.011,779m	1.012,003m	
49+600,00	2480	216.163,1324	8.281.088,4128	1.011,572m	1.012,070m	
49+611,66	2480+11,66	216.174,7893	8.281.088,4704	1.011,680m	1.012,109m	PIV
49+620,00	2481	216.183,1321	8.281.088,5116	1.011,815m	1.012,138m	
49+640,00	2482	216.203,1319	8.281.088,6105	1.011,910m	1.012,208m	
49+660,00	2483	216.223,1317	8.281.088,7093	1.011,886m	1.012,280m	
49+680,00	2484	216.243,1314	8.281.088,8082	1.011,892m	1.012,354m	
49+700,00	2485	216.263,1312	8.281.088,9070	1.011,921m	1.012,431m	
49+720,00	2486	216.283,1309	8.281.089,0059	1.011,972m	1.012,509m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
49+740,00	2487	216.303,1307	8.281.089,1047	1.012,113m	1.012,589m	
49+760,00	2488	216.323,1304	8.281.089,2036	1.012,372m	1.012,671m	
49+780,00	2489	216.343,1302	8.281.089,3024	1.012,631m	1.012,755m	
49+800,00	2490	216.363,1299	8.281.089,4013	1.012,898m	1.012,842m	
49+820,00	2491	216.383,1297	8.281.089,5001	1.012,971m	1.012,930m	
49+840,00	2492	216.403,1295	8.281.089,5990	1.012,832m	1.013,020m	
49+860,00	2493	216.423,1292	8.281.089,6978	1.012,703m	1.013,112m	
49+880,00	2494	216.443,1290	8.281.089,7967	1.012,611m	1.013,207m	
49+900,00	2495	216.463,1287	8.281.089,8955	1.012,696m	1.013,303m	
49+920,00	2496	216.483,1285	8.281.089,9944	1.012,868m	1.013,401m	
49+940,00	2497	216.503,1282	8.281.090,0932	1.012,388m	1.013,501m	
49+960,00	2498	216.523,1280	8.281.090,1921	1.012,596m	1.013,604m	
49+980,00	2499	216.543,1278	8.281.090,2910	1.012,939m	1.013,708m	
50+000,00	2500	216.563,1275	8.281.090,3898	1.013,135m	1.013,814m	
50+020,00	2501	216.583,1273	8.281.090,4887	1.013,212m	1.013,922m	
50+040,00	2502	216.603,1270	8.281.090,5875	1.013,334m	1.014,033m	
50+060,00	2503	216.623,1268	8.281.090,6864	1.013,730m	1.014,145m	
50+080,00	2504	216.643,1265	8.281.090,7852	1.013,710m	1.014,259m	
50+091,66	2504+11,66	216.654,7834	8.281.090,8428	1.013,798m	1.014,327m	PTV
50+100,00	2505	216.663,1263	8.281.090,8841	1.013,792m	1.014,375m	
50+112,66	2505+12,66	216.675,7831	8.281.090,9466	1.013,784m	1.014,449m	PCV
50+120,00	2506	216.683,1260	8.281.090,9829	1.013,793m	1.014,492m	
50+140,00	2507	216.703,1258	8.281.091,0818	1.014,202m	1.014,613m	
50+160,00	2508	216.723,1256	8.281.091,1806	1.014,410m	1.014,738m	
50+180,00	2509	216.743,1253	8.281.091,2795	1.014,542m	1.014,867m	
50+200,00	2510	216.763,1251	8.281.091,3783	1.014,647m	1.015,002m	
50+220,00	2511	216.783,1248	8.281.091,4772	1.014,788m	1.015,141m	
50+240,00	2512	216.803,1246	8.281.091,5760	1.014,827m	1.015,284m	
50+260,00	2513	216.823,1243	8.281.091,6749	1.014,891m	1.015,433m	
50+280,00	2514	216.843,1241	8.281.091,7737	1.015,109m	1.015,585m	
50+300,00	2515	216.863,1238	8.281.091,8726	1.015,463m	1.015,743m	
50+320,00	2516	216.883,1236	8.281.091,9714	1.015,625m	1.015,905m	
50+340,00	2517	216.903,1234	8.281.092,0703	1.015,887m	1.016,072m	
50+360,00	2518	216.923,1231	8.281.092,1692	1.016,128m	1.016,243m	
50+380,00	2519	216.943,1229	8.281.092,2680	1.016,373m	1.016,419m	
50+400,00	2520	216.963,1226	8.281.092,3669	1.016,572m	1.016,600m	
50+420,00	2521	216.983,1224	8.281.092,4657	1.016,843m	1.016,785m	
50+437,66	2521+17,66	217.000,7792	8.281.092,5530	1.017,117m	1.016,953m	PIV
50+440,00	2522	217.003,1221	8.281.092,5646	1.017,163m	1.016,975m	
50+460,00	2523	217.023,1219	8.281.092,6634	1.017,202m	1.017,170m	
50+480,00	2524	217.043,1216	8.281.092,7623	1.017,621m	1.017,369m	
50+500,00	2525	217.063,1214	8.281.092,8611	1.017,681m	1.017,573m	
50+520,00	2526	217.083,1212	8.281.092,9600	1.018,099m	1.017,781m	
50+540,00	2527	217.103,1209	8.281.093,0588	1.017,904m	1.017,994m	
50+560,00	2528	217.123,1207	8.281.093,1577	1.017,937m	1.018,212m	
50+580,00	2529	217.143,1204	8.281.093,2565	1.018,159m	1.018,434m	
50+600,00	2530	217.163,1202	8.281.093,3554	1.018,433m	1.018,661m	
50+620,00	2531	217.183,1199	8.281.093,4542	1.018,602m	1.018,893m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
50+640,00	2532	217.203,1197	8.281.093,5531	1.018,755m	1.019,129m	
50+660,00	2533	217.223,1194	8.281.093,6519	1.018,918m	1.019,370m	
50+680,00	2534	217.243,1192	8.281.093,7508	1.019,080m	1.019,616m	
50+700,00	2535	217.263,1190	8.281.093,8496	1.019,321m	1.019,866m	
50+720,00	2536	217.283,1187	8.281.093,9485	1.019,622m	1.020,121m	
50+740,00	2537	217.303,1185	8.281.094,0474	1.019,920m	1.020,380m	
50+760,00	2538	217.323,1182	8.281.094,1462	1.020,285m	1.020,644m	
50+762,66	2538+2,66	217.325,7752	8.281.094,1593	1.020,333m	1.020,680m	PTV
50+780,00	2539	217.343,1180	8.281.094,2451	1.020,650m	1.020,911m	
50+800,00	2540	217.363,1177	8.281.094,3439	1.021,016m	1.021,178m	
50+820,00	2541	217.383,1175	8.281.094,4428	1.021,381m	1.021,445m	
50+840,00	2542	217.403,1172	8.281.094,5416	1.021,746m	1.021,712m	
50+860,00	2543	217.423,1170	8.281.094,6405	1.022,058m	1.021,979m	
50+880,00	2544	217.443,1168	8.281.094,7393	1.022,376m	1.022,246m	
50+900,00	2545	217.463,1165	8.281.094,8382	1.022,677m	1.022,513m	
50+920,00	2546	217.483,1163	8.281.094,9370	1.022,903m	1.022,780m	
50+940,00	2547	217.503,1160	8.281.095,0359	1.022,625m	1.023,047m	
50+960,00	2548	217.523,1158	8.281.095,1347	1.022,865m	1.023,314m	
50+980,00	2549	217.543,1155	8.281.095,2336	1.023,337m	1.023,581m	
51+000,00	2550	217.563,1153	8.281.095,3324	1.023,725m	1.023,848m	
51+020,00	2551	217.583,1150	8.281.095,4313	1.024,106m	1.024,115m	
51+040,00	2552	217.603,1148	8.281.095,5301	1.024,358m	1.024,382m	
51+060,00	2553	217.623,1146	8.281.095,6290	1.024,639m	1.024,649m	
51+080,00	2554	217.643,1143	8.281.095,7278	1.025,059m	1.024,916m	
51+100,00	2555	217.663,1141	8.281.095,8267	1.025,383m	1.025,183m	
51+120,00	2556	217.683,1138	8.281.095,9256	1.025,712m	1.025,450m	
51+140,00	2557	217.703,1136	8.281.096,0244	1.026,007m	1.025,717m	
51+160,00	2558	217.723,1133	8.281.096,1233	1.026,368m	1.025,984m	
51+180,00	2559	217.743,1131	8.281.096,2221	1.026,626m	1.026,251m	
51+200,00	2560	217.763,1128	8.281.096,3210	1.026,866m	1.026,518m	
51+220,00	2561	217.783,1126	8.281.096,4198	1.027,181m	1.026,785m	
51+240,00	2562	217.803,1124	8.281.096,5187	1.027,486m	1.027,052m	
51+260,00	2563	217.823,1121	8.281.096,6175	1.027,745m	1.027,319m	
51+280,00	2564	217.843,1119	8.281.096,7164	1.028,033m	1.027,586m	
51+300,00	2565	217.863,1116	8.281.096,8152	1.028,341m	1.027,852m	
51+320,00	2566	217.883,1114	8.281.096,9141	1.028,579m	1.028,119m	
51+340,00	2567	217.903,1111	8.281.097,0129	1.028,816m	1.028,386m	
51+360,00	2568	217.923,1109	8.281.097,1118	1.029,058m	1.028,653m	
51+380,00	2569	217.943,1106	8.281.097,2106	1.029,323m	1.028,920m	
51+400,00	2570	217.963,1104	8.281.097,3095	1.029,603m	1.029,187m	
51+420,00	2571	217.983,1102	8.281.097,4083	1.029,849m	1.029,454m	
51+440,00	2572	218.003,1099	8.281.097,5072	1.029,948m	1.029,721m	
51+460,00	2573	218.023,1097	8.281.097,6060	1.029,711m	1.029,988m	
51+480,00	2574	218.043,1094	8.281.097,7049	1.030,018m	1.030,255m	
51+500,00	2575	218.063,1092	8.281.097,8038	1.030,481m	1.030,522m	
51+520,00	2576	218.083,1089	8.281.097,9026	1.030,855m	1.030,789m	
51+540,00	2577	218.103,1087	8.281.098,0015	1.031,517m	1.031,056m	
51+560,00	2578	218.123,1085	8.281.098,1003	1.031,677m	1.031,323m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
51+580,00	2579	218.143,1082	8.281.098,1992	1.031,832m	1.031,590m	
51+600,00	2580	218.163,1080	8.281.098,2980	1.032,022m	1.031,857m	
51+613,66	2580+13,66	218.176,7648	8.281.098,3655	1.032,152m	1.032,039m	PCV
51+620,00	2581	218.183,1077	8.281.098,3969	1.032,198m	1.032,124m	
51+640,00	2582	218.203,1075	8.281.098,4957	1.032,541m	1.032,385m	
51+660,00	2583	218.223,1072	8.281.098,5946	1.032,830m	1.032,640m	
51+680,00	2584	218.243,1070	8.281.098,6934	1.033,119m	1.032,887m	
51+700,00	2585	218.263,1067	8.281.098,7923	1.033,408m	1.033,128m	
51+720,00	2586	218.283,1065	8.281.098,8911	1.033,642m	1.033,362m	
51+740,00	2587	218.303,1063	8.281.098,9900	1.033,765m	1.033,588m	
51+760,00	2588	218.323,1060	8.281.099,0888	1.033,904m	1.033,808m	
51+780,00	2589	218.343,1058	8.281.099,1877	1.034,271m	1.034,022m	
51+800,00	2590	218.363,1055	8.281.099,2865	1.034,567m	1.034,228m	
51+820,00	2591	218.383,1053	8.281.099,3854	1.034,673m	1.034,427m	
51+840,00	2592	218.403,1050	8.281.099,4842	1.034,780m	1.034,619m	
51+860,00	2593	218.423,1048	8.281.099,5831	1.034,887m	1.034,805m	
51+873,66	2593+13,66	218.436,7616	8.281.099,6506	1.034,844m	1.034,928m	PIV
51+880,00	2594	218.443,1045	8.281.099,6820	1.034,790m	1.034,984m	
51+900,00	2595	218.463,1043	8.281.099,7808	1.034,860m	1.035,155m	
51+920,00	2596	218.483,1041	8.281.099,8797	1.035,608m	1.035,320m	
51+940,00	2597	218.503,1038	8.281.099,9785	1.035,794m	1.035,478m	
51+960,00	2598	218.523,1036	8.281.100,0774	1.036,006m	1.035,629m	
51+980,00	2599	218.543,1033	8.281.100,1762	1.036,133m	1.035,773m	
52+000,00	2600	218.563,1031	8.281.100,2751	1.036,187m	1.035,911m	
52+020,00	2601	218.583,1028	8.281.100,3739	1.035,906m	1.036,041m	
52+040,00	2602	218.603,1026	8.281.100,4728	1.035,592m	1.036,164m	
52+060,00	2603	218.623,1023	8.281.100,5716	1.035,281m	1.036,281m	
52+080,00	2604	218.643,1021	8.281.100,6705	1.035,034m	1.036,391m	
52+100,00	2605	218.663,1019	8.281.100,7693	1.035,247m	1.036,493m	
52+120,00	2606	218.683,1016	8.281.100,8682	1.035,415m	1.036,589m	
52+133,66	2606+13,66	218.696,7584	8.281.100,9357	1.035,555m	1.036,651m	PTV
52+140,00	2607	218.703,1014	8.281.100,9670	1.035,653m	1.036,679m	
52+160,00	2608	218.723,1011	8.281.101,0659	1.035,871m	1.036,766m	
52+180,00	2609	218.743,1009	8.281.101,1647	1.036,077m	1.036,854m	
52+200,00	2610	218.763,1006	8.281.101,2636	1.036,285m	1.036,942m	
52+220,00	2611	218.783,1004	8.281.101,3624	1.036,473m	1.037,030m	
52+240,00	2612	218.803,1001	8.281.101,4613	1.036,663m	1.037,117m	
52+260,00	2613	218.823,0999	8.281.101,5602	1.036,853m	1.037,205m	
52+277,46	2613+17,46	218.840,5635	8.281.101,6465	1.036,988m	1.037,282m	
52+280,00	2614	218.843,0997	8.281.101,6590	1.036,999m	1.037,293m	
52+300,00	2615	218.863,0994	8.281.101,7579	1.037,151m	1.037,381m	
52+320,00	2616	218.883,0992	8.281.101,8567	1.037,321m	1.037,469m	
52+340,00	2617	218.903,0989	8.281.101,9556	1.037,491m	1.037,556m	
52+360,00	2618	218.923,0987	8.281.102,0544	1.037,656m	1.037,644m	
52+380,00	2619	218.943,0984	8.281.102,1533	1.037,659m	1.037,732m	
52+400,00	2620	218.963,0982	8.281.102,2521	1.037,332m	1.037,820m	
52+420,00	2621	218.983,0979	8.281.102,3510	1.037,134m	1.037,907m	
52+440,00	2622	219.003,0977	8.281.102,4498	1.037,406m	1.037,995m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
52+460,00	2623	219.023,0975	8.281.102,5487	1.037,665m	1.038,083m	
52+480,00	2624	219.043,0972	8.281.102,6475	1.038,414m	1.038,171m	
52+500,00	2625	219.063,0970	8.281.102,7464	1.038,629m	1.038,258m	
52+520,00	2626	219.083,0967	8.281.102,8452	1.038,824m	1.038,346m	
52+540,00	2627	219.103,0965	8.281.102,9441	1.038,875m	1.038,434m	
52+544,48	2627+4,48	219.107,5778	8.281.102,9662	1.038,905m	1.038,453m	
52+560,00	2628	219.123,0962	8.281.103,0429	1.039,006m	1.038,522m	
52+580,00	2629	219.143,0960	8.281.103,1418	1.039,177m	1.038,609m	
52+600,00	2630	219.163,0957	8.281.103,2406	1.039,241m	1.038,697m	
52+617,66	2630+17,66	219.180,7521	8.281.103,3279	1.039,461m	1.038,774m	PCV
52+620,00	2631	219.183,0955	8.281.103,3395	1.039,480m	1.038,786m	
52+637,66	2631+17,66	219.200,7519	8.281.103,4268	1.039,615m	1.038,953m	PIV
52+640,00	2632	219.203,0953	8.281.103,4384	1.039,638m	1.038,985m	
52+654,72	2632+14,72	219.217,8134	8.281.103,5111	1.039,788m	1.039,248m	PC
52+657,66	2632+17,66	219.220,7116	8.281.103,0969	1.039,850m	1.039,312m	PTV
52+660,00	2633	219.222,8596	8.281.102,1733	1.039,899m	1.039,365m	
52+674,16	2633+14,16	219.227,1923	8.281.089,9111	1.040,015m	1.039,683m	PT
52+675,89	2633+15,89	219.226,5690	8.281.088,2958	1.039,999m	1.039,722m	PC
52+680,00	2634	219.225,6298	8.281.084,3077	1.039,945m	1.039,814m	
52+693,24	2634+13,24	219.229,9886	8.281.072,2570	1.040,071m	1.040,112m	PT
52+698,08	2634+18,08	219.233,4221	8.281.068,8441	1.040,223m	1.040,221m	PCV
52+700,00	2635	219.234,7827	8.281.067,4917	1.040,265m	1.040,261m	
52+703,08	2635+3,08	219.236,9683	8.281.065,3193	1.040,333m	1.040,310m	PIV
52+708,08	2635+8,08	219.240,5145	8.281.061,7944	1.040,353m	1.040,352m	PTV
52+720,00	2636	219.248,9675	8.281.053,3923	1.040,399m	1.040,395m	
52+720,66	2636+0,66	219.249,4331	8.281.052,9294	1.040,402m	1.040,398m	PCV
52+723,14	2636+3,14	219.251,1949	8.281.051,1782	1.040,407m	1.040,402m	PB
52+730,66	2636+10,66	219.256,5255	8.281.045,8797	1.040,368m	1.040,361m	PIV
52+734,40	2636+14,40	219.259,1813	8.281.043,2399	1.040,215m	1.040,309m	PC
52+740,00	2637	219.263,7887	8.281.040,1164	1.039,719m	1.040,193m	
52+740,66	2637+0,66	219.264,3967	8.281.039,8685	1.039,667m	1.040,176m	PTV
52+747,66	2637+7,66	219.271,2729	8.281.038,9554	1.039,382m	1.039,996m	PCV
52+752,37	2637+12,37	219.275,8116	8.281.040,1552	1.039,135m	1.039,890m	PT
52+757,66	2637+17,66	219.280,6477	8.281.042,2892	1.039,169m	1.039,809m	PIV
52+760,00	2638	219.282,7917	8.281.043,2353	1.039,236m	1.039,786m	
52+765,84	2638+5,84	219.288,1360	8.281.045,5936	1.039,422m	1.039,761m	
52+767,44	2638+7,44	219.289,5944	8.281.046,2372	1.039,479m	1.039,763m	PC
52+767,66	2638+7,66	219.289,7965	8.281.046,3266	1.039,487m	1.039,764m	PTV
52+780,00	2639	219.300,8031	8.281.051,9016	1.040,082m	1.039,796m	
52+800,00	2640	219.317,2499	8.281.063,2408	1.039,907m	1.039,847m	
52+820,00	2641	219.331,5876	8.281.077,1514	1.040,116m	1.039,898m	
52+822,55	2641+2,55	219.333,2444	8.281.079,0924	1.040,248m	1.039,905m	PT
52+840,00	2642	219.344,4302	8.281.092,4831	1.040,538m	1.039,950m	
52+841,31	2642+1,31	219.345,2689	8.281.093,4872	1.040,587m	1.039,953m	PC
52+860,00	2643	219.360,8178	8.281.103,3083	1.040,579m	1.040,001m	
52+867,41	2643+7,41	219.368,1446	8.281.104,2541	1.040,531m	1.040,021m	PT
52+880,00	2644	219.380,7381	8.281.104,3164	1.040,462m	1.040,053m	
52+900,00	2645	219.400,7378	8.281.104,4152	1.040,537m	1.040,104m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
52+920,00	2646	219.420,7376	8.281.104,5141	1.040,647m	1.040,156m	
52+940,00	2647	219.440,7373	8.281.104,6129	1.040,320m	1.040,207m	
52+947,66	2647+7,66	219.448,3938	8.281.104,6508	1.040,435m	1.040,227m	PCV
52+957,66	2647+17,66	219.458,3937	8.281.104,7002	1.040,683m	1.040,304m	PIV
52+960,00	2648	219.460,7371	8.281.104,7118	1.040,744m	1.040,337m	
52+967,66	2648+7,66	219.468,3936	8.281.104,7496	1.040,892m	1.040,483m	PTV
52+980,00	2649	219.480,7368	8.281.104,8106	1.040,915m	1.040,766m	
52+997,48	2649+17,48	219.498,2214	8.281.104,8971	1.040,870m	1.041,168m	PC
53+000,00	2650	219.500,7366	8.281.104,9146	1.040,896m	1.041,226m	
53+020,00	2651	219.520,7294	8.281.105,4180	1.041,255m	1.041,685m	
53+024,96	2651+4,96	219.525,6808	8.281.105,6427	1.041,263m	1.041,799m	PCV
53+034,96	2651+14,96	219.535,6642	8.281.106,2167	1.041,282m	1.041,982m	PIV
53+040,00	2652	219.540,6954	8.281.106,5674	1.041,292m	1.042,038m	
53+044,96	2652+4,96	219.545,6370	8.281.106,9521	1.041,253m	1.042,070m	PTV
53+060,00	2653	219.560,6139	8.281.108,3617	1.041,082m	1.042,131m	
53+080,00	2654	219.580,4640	8.281.110,7988	1.041,257m	1.042,213m	
53+089,16	2654+9,16	219.589,5234	8.281.112,1285	1.041,277m	1.042,250m	PCV
53+100,00	2655	219.600,2249	8.281.113,8764	1.041,317m	1.042,293m	
53+114,16	2655+14,16	219.614,1471	8.281.116,4401	1.041,428m	1.042,346m	PIV
53+120,00	2656	219.619,8760	8.281.117,5911	1.041,472m	1.042,367m	
53+139,16	2656+19,16	219.638,5764	8.281.121,7430	1.041,608m	1.042,431m	PTV
53+140,00	2657	219.639,3968	8.281.121,9391	1.041,613m	1.042,434m	
53+148,79	2657+8,79	219.647,9300	8.281.124,0494	1.041,653m	1.042,462m	PT
53+160,00	2658	219.658,7924	8.281.126,8176	1.041,698m	1.042,497m	
53+180,00	2659	219.678,1730	8.281.131,7567	1.041,795m	1.042,561m	
53+200,00	2660	219.697,5535	8.281.136,6958	1.041,991m	1.042,624m	
53+220,00	2661	219.716,9341	8.281.141,6349	1.042,097m	1.042,688m	
53+240,00	2662	219.736,3146	8.281.146,5740	1.042,198m	1.042,751m	
53+260,00	2663	219.755,6951	8.281.151,5131	1.042,292m	1.042,814m	
53+280,00	2664	219.775,0757	8.281.156,4522	1.042,394m	1.042,878m	
53+300,00	2665	219.794,4562	8.281.161,3913	1.042,493m	1.042,941m	
53+320,00	2666	219.813,8368	8.281.166,3303	1.042,526m	1.043,005m	
53+340,00	2667	219.833,2173	8.281.171,2694	1.042,643m	1.043,068m	
53+360,00	2668	219.852,5979	8.281.176,2085	1.042,719m	1.043,132m	
53+380,00	2669	219.871,9784	8.281.181,1476	1.042,778m	1.043,195m	
53+400,00	2670	219.891,3589	8.281.186,0867	1.042,545m	1.043,258m	
53+420,00	2671	219.910,7395	8.281.191,0258	1.042,915m	1.043,322m	
53+440,00	2672	219.930,1200	8.281.195,9649	1.042,936m	1.043,385m	
53+460,00	2673	219.949,5006	8.281.200,9040	1.043,049m	1.043,449m	
53+480,00	2674	219.968,8811	8.281.205,8431	1.043,229m	1.043,512m	
53+500,00	2675	219.988,2616	8.281.210,7821	1.043,306m	1.043,576m	
53+520,00	2676	220.007,6422	8.281.215,7212	1.043,391m	1.043,639m	
53+540,00	2677	220.027,0227	8.281.220,6603	1.043,528m	1.043,702m	
53+560,00	2678	220.046,4033	8.281.225,5994	1.043,671m	1.043,766m	
53+580,00	2679	220.065,7838	8.281.230,5385	1.043,825m	1.043,829m	
53+600,00	2680	220.085,1644	8.281.235,4776	1.043,910m	1.043,893m	
53+620,00	2681	220.104,5449	8.281.240,4167	1.043,996m	1.043,956m	
53+640,00	2682	220.123,9254	8.281.245,3558	1.044,082m	1.044,019m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
53+660,00	2683	220.143,3060	8.281.250,2949	1.043,868m	1.044,083m	
53+680,00	2684	220.162,6865	8.281.255,2339	1.044,233m	1.044,146m	
53+700,00	2685	220.182,0671	8.281.260,1730	1.044,328m	1.044,210m	
53+720,00	2686	220.201,4476	8.281.265,1121	1.044,387m	1.044,273m	
53+740,00	2687	220.220,8281	8.281.270,0512	1.044,388m	1.044,337m	
53+760,00	2688	220.240,2087	8.281.274,9903	1.044,389m	1.044,400m	
53+780,00	2689	220.259,5892	8.281.279,9294	1.044,345m	1.044,463m	
53+800,00	2690	220.278,9698	8.281.284,8685	1.044,384m	1.044,527m	
53+820,00	2691	220.298,3503	8.281.289,8076	1.044,419m	1.044,590m	
53+840,00	2692	220.317,7309	8.281.294,7467	1.044,399m	1.044,654m	
53+860,00	2693	220.337,1114	8.281.299,6858	1.044,482m	1.044,717m	
53+880,00	2694	220.356,4919	8.281.304,6248	1.044,529m	1.044,780m	
53+900,00	2695	220.375,8725	8.281.309,5639	1.044,688m	1.044,844m	
53+920,00	2696	220.395,2530	8.281.314,5030	1.044,766m	1.044,907m	
53+940,00	2697	220.414,6336	8.281.319,4421	1.044,855m	1.044,971m	
53+960,00	2698	220.434,0141	8.281.324,3812	1.044,837m	1.045,034m	
53+980,00	2699	220.453,3946	8.281.329,3203	1.044,872m	1.045,098m	
54+000,00	2700	220.472,7752	8.281.334,2594	1.044,986m	1.045,161m	
54+020,00	2701	220.492,1557	8.281.339,1985	1.045,087m	1.045,224m	
54+040,00	2702	220.511,5363	8.281.344,1376	1.045,145m	1.045,288m	
54+060,00	2703	220.530,9168	8.281.349,0766	1.045,146m	1.045,351m	
54+080,00	2704	220.550,2974	8.281.354,0157	1.045,236m	1.045,415m	
54+100,00	2705	220.569,6779	8.281.358,9548	1.045,282m	1.045,478m	
54+120,00	2706	220.589,0584	8.281.363,8939	1.045,329m	1.045,541m	
54+140,00	2707	220.608,4390	8.281.368,8330	1.045,402m	1.045,605m	
54+160,00	2708	220.627,8195	8.281.373,7721	1.045,399m	1.045,668m	
54+180,00	2709	220.647,2001	8.281.378,7112	1.045,500m	1.045,732m	
54+200,00	2710	220.666,5806	8.281.383,6503	1.045,505m	1.045,795m	
54+220,00	2711	220.685,9611	8.281.388,5894	1.045,504m	1.045,859m	
54+220,66	2711+0,66	220.686,5974	8.281.388,7515	1.045,507m	1.045,861m	PCV
54+240,00	2712	220.705,3417	8.281.393,5284	1.045,575m	1.045,916m	
54+260,00	2713	220.724,7222	8.281.398,4675	1.045,688m	1.045,962m	
54+280,00	2714	220.744,1028	8.281.403,4066	1.045,783m	1.045,996m	
54+300,00	2715	220.763,4833	8.281.408,3457	1.045,563m	1.046,018m	
54+320,00	2716	220.782,8639	8.281.413,2848	1.045,528m	1.046,028m	
54+326,66	2716+6,66	220.789,3209	8.281.414,9304	1.045,548m	1.046,029m	PB
54+340,00	2717	220.802,2444	8.281.418,2239	1.045,577m	1.046,026m	
54+360,00	2718	220.821,6249	8.281.423,1630	1.045,592m	1.046,012m	
54+380,00	2719	220.841,0055	8.281.428,1021	1.045,567m	1.045,986m	
54+400,00	2720	220.860,3860	8.281.433,0412	1.045,432m	1.045,948m	
54+420,00	2721	220.879,7666	8.281.437,9802	1.045,378m	1.045,898m	
54+440,00	2722	220.899,1471	8.281.442,9193	1.045,234m	1.045,837m	
54+460,00	2723	220.918,5277	8.281.447,8584	1.045,124m	1.045,763m	
54+470,66	2723+10,66	220.928,8542	8.281.450,4901	1.045,229m	1.045,719m	PIV
54+480,00	2724	220.937,9082	8.281.452,7975	1.045,172m	1.045,677m	
54+500,00	2725	220.957,2887	8.281.457,7366	1.045,095m	1.045,579m	
54+520,00	2726	220.976,6693	8.281.462,6757	1.045,167m	1.045,470m	
54+540,00	2727	220.996,0498	8.281.467,6148	1.045,150m	1.045,348m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
54+560,00	2728	221.015,4304	8.281.472,5539	1.044,958m	1.045,214m	
54+580,00	2729	221.034,8109	8.281.477,4930	1.044,772m	1.045,069m	
54+600,00	2730	221.054,1914	8.281.482,4320	1.044,644m	1.044,911m	
54+620,00	2731	221.073,5720	8.281.487,3711	1.044,573m	1.044,742m	
54+640,00	2732	221.092,9525	8.281.492,3102	1.044,448m	1.044,560m	
54+660,00	2733	221.112,3331	8.281.497,2493	1.044,242m	1.044,367m	
54+680,00	2734	221.131,7136	8.281.502,1884	1.044,146m	1.044,161m	
54+700,00	2735	221.151,0942	8.281.507,1275	1.044,006m	1.043,944m	
54+720,00	2736	221.170,4747	8.281.512,0666	1.043,809m	1.043,715m	
54+720,66	2736+0,66	221.171,1109	8.281.512,2287	1.043,807m	1.043,707m	PTV
54+740,00	2737	221.189,8552	8.281.517,0057	1.043,657m	1.043,479m	
54+760,00	2738	221.209,2358	8.281.521,9448	1.043,468m	1.043,243m	
54+780,00	2739	221.228,6163	8.281.526,8838	1.043,249m	1.043,008m	
54+800,00	2740	221.247,9969	8.281.531,8229	1.042,987m	1.042,772m	
54+820,00	2741	221.267,3774	8.281.536,7620	1.042,707m	1.042,536m	
54+840,00	2742	221.286,7579	8.281.541,7011	1.042,487m	1.042,301m	
54+860,00	2743	221.306,1385	8.281.546,6402	1.042,215m	1.042,065m	
54+880,00	2744	221.325,5190	8.281.551,5793	1.041,919m	1.041,829m	
54+900,00	2745	221.344,8996	8.281.556,5184	1.041,693m	1.041,593m	
54+920,00	2746	221.364,2801	8.281.561,4575	1.041,398m	1.041,358m	
54+940,00	2747	221.383,6607	8.281.566,3966	1.041,123m	1.041,122m	
54+960,00	2748	221.403,0412	8.281.571,3356	1.040,917m	1.040,886m	
54+980,00	2749	221.422,4217	8.281.576,2747	1.040,648m	1.040,651m	
55+000,00	2750	221.441,8023	8.281.581,2138	1.040,333m	1.040,415m	
55+020,00	2751	221.461,1828	8.281.586,1529	1.040,041m	1.040,179m	
55+040,00	2752	221.480,5634	8.281.591,0920	1.039,837m	1.039,944m	
55+057,66	2752+17,66	221.497,6731	8.281.595,4524	1.039,630m	1.039,735m	PCV
55+060,00	2753	221.499,9439	8.281.596,0311	1.039,602m	1.039,708m	
55+080,00	2754	221.519,3244	8.281.600,9702	1.039,305m	1.039,478m	
55+100,00	2755	221.538,7050	8.281.605,9093	1.038,924m	1.039,258m	
55+120,00	2756	221.558,0855	8.281.610,8484	1.038,514m	1.039,047m	
55+137,66	2756+17,66	221.575,1952	8.281.615,2087	1.038,216m	1.038,868m	PIV
55+140,00	2757	221.577,4661	8.281.615,7875	1.038,167m	1.038,845m	
55+160,00	2758	221.596,8466	8.281.620,7265	1.037,824m	1.038,653m	
55+180,00	2759	221.616,2272	8.281.625,6656	1.037,611m	1.038,470m	
55+200,00	2760	221.635,6077	8.281.630,6047	1.037,166m	1.038,297m	
55+217,66	2760+17,66	221.652,7174	8.281.634,9651	1.036,875m	1.038,152m	PTV
55+220,00	2761	221.654,9882	8.281.635,5438	1.036,838m	1.038,133m	
55+240,00	2762	221.674,3688	8.281.640,4829	1.036,521m	1.037,973m	
55+260,00	2763	221.693,7493	8.281.645,4220	1.036,260m	1.037,813m	
55+280,00	2764	221.713,1299	8.281.650,3611	1.036,083m	1.037,653m	
55+300,00	2765	221.732,5104	8.281.655,3002	1.035,862m	1.037,493m	
55+320,00	2766	221.751,8909	8.281.660,2393	1.035,629m	1.037,332m	
55+340,00	2767	221.771,2715	8.281.665,1783	1.035,523m	1.037,172m	
55+360,00	2768	221.790,6520	8.281.670,1174	1.035,491m	1.037,012m	
55+380,00	2769	221.810,0326	8.281.675,0565	1.035,419m	1.036,852m	
55+400,00	2770	221.829,4131	8.281.679,9956	1.035,169m	1.036,692m	
55+420,00	2771	221.848,7937	8.281.684,9347	1.035,000m	1.036,532m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
55+440,00	2772	221.868,1742	8.281.689,8738	1.034,792m	1.036,371m	
55+460,00	2773	221.887,5547	8.281.694,8129	1.034,695m	1.036,211m	
55+480,00	2774	221.906,9353	8.281.699,7520	1.034,591m	1.036,051m	
55+500,00	2775	221.926,3158	8.281.704,6911	1.034,476m	1.035,891m	
55+520,00	2776	221.945,6964	8.281.709,6301	1.034,395m	1.035,731m	
55+540,00	2777	221.965,0769	8.281.714,5692	1.034,321m	1.035,571m	
55+560,00	2778	221.984,4574	8.281.719,5083	1.034,281m	1.035,410m	
55+580,00	2779	222.003,8380	8.281.724,4474	1.034,270m	1.035,250m	
55+600,00	2780	222.023,2185	8.281.729,3865	1.034,194m	1.035,090m	
55+620,00	2781	222.042,5991	8.281.734,3256	1.034,240m	1.034,930m	
55+640,00	2782	222.061,9796	8.281.739,2647	1.034,265m	1.034,770m	
55+660,00	2783	222.081,3602	8.281.744,2038	1.034,195m	1.034,610m	
55+680,00	2784	222.100,7407	8.281.749,1429	1.034,179m	1.034,450m	
55+700,00	2785	222.120,1212	8.281.754,0819	1.034,043m	1.034,289m	
55+720,00	2786	222.139,5018	8.281.759,0210	1.033,898m	1.034,129m	
55+740,00	2787	222.158,8823	8.281.763,9601	1.033,828m	1.033,969m	
55+760,00	2788	222.178,2629	8.281.768,8992	1.033,688m	1.033,809m	
55+780,00	2789	222.197,6434	8.281.773,8383	1.033,726m	1.033,649m	
55+800,00	2790	222.217,0239	8.281.778,7774	1.033,590m	1.033,489m	
55+820,00	2791	222.236,4045	8.281.783,7165	1.033,467m	1.033,328m	
55+840,00	2792	222.255,7850	8.281.788,6556	1.033,410m	1.033,168m	
55+860,00	2793	222.275,1656	8.281.793,5947	1.033,306m	1.033,008m	
55+880,00	2794	222.294,5461	8.281.798,5337	1.033,206m	1.032,848m	
55+900,00	2795	222.313,9267	8.281.803,4728	1.033,104m	1.032,688m	
55+920,00	2796	222.333,3072	8.281.808,4119	1.032,947m	1.032,528m	
55+940,00	2797	222.352,6877	8.281.813,3510	1.032,791m	1.032,367m	
55+960,00	2798	222.372,0683	8.281.818,2901	1.032,592m	1.032,207m	
55+980,00	2799	222.391,4488	8.281.823,2292	1.032,447m	1.032,047m	
56+000,00	2800	222.410,8294	8.281.828,1683	1.032,142m	1.031,887m	
56+020,00	2801	222.430,2099	8.281.833,1074	1.031,919m	1.031,727m	
56+040,00	2802	222.449,5905	8.281.838,0465	1.031,716m	1.031,567m	
56+060,00	2803	222.468,9710	8.281.842,9855	1.031,521m	1.031,406m	
56+080,00	2804	222.488,3515	8.281.847,9246	1.031,377m	1.031,246m	
56+100,00	2805	222.507,7321	8.281.852,8637	1.031,099m	1.031,086m	
56+120,00	2806	222.527,1126	8.281.857,8028	1.030,888m	1.030,926m	
56+140,00	2807	222.546,4932	8.281.862,7419	1.030,662m	1.030,766m	
56+160,00	2808	222.565,8737	8.281.867,6810	1.030,412m	1.030,606m	
56+180,00	2809	222.585,2542	8.281.872,6201	1.030,197m	1.030,446m	
56+200,00	2810	222.604,6348	8.281.877,5592	1.030,088m	1.030,285m	
56+220,00	2811	222.624,0153	8.281.882,4983	1.029,994m	1.030,125m	
56+240,00	2812	222.643,3959	8.281.887,4373	1.029,803m	1.029,965m	
56+260,00	2813	222.662,7764	8.281.892,3764	1.029,674m	1.029,805m	
56+280,00	2814	222.682,1570	8.281.897,3155	1.029,578m	1.029,645m	
56+300,00	2815	222.701,5375	8.281.902,2546	1.029,513m	1.029,485m	
56+320,00	2816	222.720,9180	8.281.907,1937	1.029,437m	1.029,324m	
56+340,00	2817	222.740,2986	8.281.912,1328	1.029,383m	1.029,164m	
56+360,00	2818	222.759,6791	8.281.917,0719	1.029,211m	1.029,004m	
56+380,00	2819	222.779,0597	8.281.922,0110	1.029,102m	1.028,844m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
56+400,00	2820	222.798,4402	8.281.926,9501	1.028,993m	1.028,684m	
56+420,00	2821	222.817,8207	8.281.931,8892	1.028,901m	1.028,524m	
56+440,00	2822	222.837,2013	8.281.936,8282	1.028,826m	1.028,363m	
56+460,00	2823	222.856,5818	8.281.941,7673	1.028,626m	1.028,203m	
56+480,00	2824	222.875,9624	8.281.946,7064	1.028,649m	1.028,043m	
56+500,00	2825	222.895,3429	8.281.951,6455	1.028,121m	1.027,883m	
56+520,00	2826	222.914,7235	8.281.956,5846	1.027,900m	1.027,723m	
56+537,66	2826+17,66	222.931,8331	8.281.960,9450	1.027,689m	1.027,581m	PCV
56+540,00	2827	222.934,1040	8.281.961,5237	1.027,660m	1.027,562m	
56+560,00	2828	222.953,4845	8.281.966,4628	1.027,412m	1.027,369m	
56+580,00	2829	222.972,8651	8.281.971,4019	1.027,234m	1.027,124m	
56+600,00	2830	222.992,2456	8.281.976,3410	1.026,886m	1.026,825m	
56+620,00	2831	223.011,6262	8.281.981,2800	1.026,629m	1.026,473m	
56+640,00	2832	223.031,0067	8.281.986,2191	1.026,093m	1.026,068m	
56+660,00	2833	223.050,3872	8.281.991,1582	1.025,595m	1.025,610m	
56+680,00	2834	223.069,7678	8.281.996,0973	1.025,241m	1.025,099m	
56+692,66	2834+12,66	223.082,0323	8.281.999,2229	1.025,043m	1.024,749m	PIV
56+700,00	2835	223.089,1483	8.282.001,0364	1.024,921m	1.024,536m	
56+720,00	2836	223.108,5289	8.282.005,9755	1.024,468m	1.023,919m	
56+740,00	2837	223.127,9094	8.282.010,9146	1.024,033m	1.023,249m	
56+760,00	2838	223.147,2900	8.282.015,8537	1.023,820m	1.022,526m	
56+780,00	2839	223.166,6705	8.282.020,7928	1.022,862m	1.021,750m	
56+800,00	2840	223.186,0510	8.282.025,7318	1.021,711m	1.020,922m	
56+820,00	2841	223.205,4316	8.282.030,6709	1.020,561m	1.020,040m	
56+839,08	2841+19,08	223.223,9222	8.282.035,3832	1.019,463m	1.019,149m	PC
56+840,00	2842	223.224,8123	8.282.035,6094	1.019,410m	1.019,105m	
56+847,66	2842+7,66	223.232,2447	8.282.037,4485	1.018,966m	1.018,733m	PTV
56+851,66	2842+11,66	223.236,1356	8.282.038,3761	1.018,833m	1.018,537m	PCV
56+856,66	2842+16,66	223.241,0069	8.282.039,5033	1.018,715m	1.018,263m	PIV
56+860,00	2843	223.244,2688	8.282.040,2372	1.018,636m	1.018,047m	
56+861,66	2843+1,66	223.245,8863	8.282.040,5948	1.018,597m	1.017,931m	PTV
56+872,66	2843+12,66	223.256,6483	8.282.042,8700	1.018,279m	1.017,137m	PCV
56+877,66	2843+17,66	223.261,5520	8.282.043,8466	1.017,934m	1.016,797m	PIV
56+880,00	2844	223.263,8527	8.282.044,2920	1.017,772m	1.016,653m	
56+882,66	2844+2,66	223.266,4627	8.282.044,7872	1.017,589m	1.016,500m	PTV
56+900,00	2845	223.283,5472	8.282.047,7702	1.016,643m	1.015,545m	
56+900,11	2845+0,11	223.283,6524	8.282.047,7872	1.016,639m	1.015,539m	PCV
56+910,11	2845+10,11	223.293,5360	8.282.049,3077	1.016,322m	1.014,975m	PIV
56+920,00	2846	223.303,3353	8.282.050,6691	1.016,045m	1.014,389m	
56+920,11	2846+0,11	223.303,4409	8.282.050,6830	1.016,036m	1.014,383m	PTV
56+940,00	2847	223.323,1999	8.282.052,9859	1.014,612m	1.013,177m	
56+960,00	2848	223.343,1240	8.282.054,7188	1.013,963m	1.011,966m	
56+962,96	2848+2,96	223.346,0733	8.282.054,9253	1.013,798m	1.011,787m	PCV
56+972,96	2848+12,96	223.356,0550	8.282.055,5290	1.013,171m	1.011,232m	PIV
56+980,00	2849	223.363,0903	8.282.055,8662	1.012,696m	1.010,902m	
56+982,96	2849+2,96	223.366,0444	8.282.055,9861	1.012,452m	1.010,778m	PTV
56+988,51	2849+8,51	223.371,5911	8.282.056,1765	1.012,008m	1.010,555m	PCV
56+993,51	2849+13,51	223.376,5894	8.282.056,3094	1.011,722m	1.010,330m	PIV

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
56+998,51	2849+18,51	223.381,5884	8.282.056,4056	1.011,237m	1.010,056m	PTV
57+000,00	2850	223.383,0817	8.282.056,4272	1.011,007m	1.009,967m	
57+002,66	2850+2,66	223.385,7381	8.282.056,4575	1.010,598m	1.009,809m	PCV
57+011,23	2850+11,23	223.394,3076	8.282.056,4849	1.009,325m	1.009,311m	PT
57+020,00	2851	223.403,0814	8.282.056,4577	1.008,715m	1.008,825m	
57+040,00	2852	223.423,0813	8.282.056,3958	1.006,638m	1.007,811m	
57+060,00	2853	223.443,0812	8.282.056,3338	1.003,131m	1.006,926m	
57+080,00	2854	223.463,0811	8.282.056,2719	1.002,300m	1.006,170m	
57+100,00	2855	223.483,0810	8.282.056,2099	1.001,723m	1.005,543m	
57+120,00	2856	223.503,0809	8.282.056,1479	1.002,046m	1.005,046m	
57+127,66	2856+7,66	223.510,7374	8.282.056,1242	1.001,979m	1.004,890m	PIV
57+140,00	2857	223.523,0808	8.282.056,0860	1.002,009m	1.004,678m	
57+160,00	2858	223.543,0807	8.282.056,0240	1.003,849m	1.004,439m	
57+180,00	2859	223.563,0806	8.282.055,9621	1.005,740m	1.004,329m	
57+187,01	2859+7,01	223.570,0865	8.282.055,9404	1.006,135m	1.004,321m	
57+200,00	2860	223.583,0805	8.282.055,9001	1.006,904m	1.004,348m	
57+220,00	2861	223.603,0804	8.282.055,8382	1.008,268m	1.004,497m	
57+240,00	2862	223.623,0803	8.282.055,7762	1.009,021m	1.004,774m	
57+252,66	2862+12,66	223.635,7368	8.282.055,7370	1.009,142m	1.005,017m	PTV
57+260,00	2863	223.643,0802	8.282.055,7143	1.009,224m	1.005,173m	
57+280,00	2864	223.663,0801	8.282.055,6523	1.009,314m	1.005,597m	
57+300,00	2865	223.683,0800	8.282.055,5904	1.009,292m	1.006,021m	
57+320,00	2866	223.703,0799	8.282.055,5284	1.008,846m	1.006,445m	
57+324,78	2866+4,78	223.707,8648	8.282.055,5136	1.008,787m	1.006,546m	PCV
57+340,00	2867	223.723,0799	8.282.055,4665	1.008,601m	1.006,851m	
57+360,00	2868	223.743,0798	8.282.055,4045	1.008,406m	1.007,197m	
57+380,00	2869	223.763,0797	8.282.055,3426	1.008,043m	1.007,480m	
57+400,00	2870	223.783,0796	8.282.055,2806	1.007,320m	1.007,701m	
57+420,00	2871	223.803,0795	8.282.055,2187	1.007,328m	1.007,859m	
57+424,78	2871+4,78	223.807,8643	8.282.055,2038	1.007,329m	1.007,888m	PIV
57+440,00	2872	223.823,0794	8.282.055,1567	1.007,358m	1.007,956m	
57+460,00	2873	223.843,0793	8.282.055,0948	1.007,812m	1.007,989m	
57+460,90	2873+0,90	223.843,9810	8.282.055,0920	1.007,819m	1.007,990m	PB
57+480,00	2874	223.863,0792	8.282.055,0328	1.007,997m	1.007,961m	
57+500,00	2875	223.883,0791	8.282.054,9709	1.008,209m	1.007,870m	
57+520,00	2876	223.903,0790	8.282.054,9089	1.008,282m	1.007,718m	
57+524,78	2876+4,78	223.907,8638	8.282.054,8941	1.008,247m	1.007,672m	PTV
57+540,00	2877	223.923,0789	8.282.054,8470	1.008,122m	1.007,520m	
57+560,00	2878	223.943,0788	8.282.054,7850	1.007,998m	1.007,321m	
57+580,00	2879	223.963,0787	8.282.054,7230	1.007,833m	1.007,122m	
57+600,00	2880	223.983,0786	8.282.054,6611	1.007,828m	1.006,923m	
57+620,00	2881	224.003,0785	8.282.054,5991	1.007,906m	1.006,724m	
57+640,00	2882	224.023,0784	8.282.054,5372	1.007,651m	1.006,525m	
57+660,00	2883	224.043,0783	8.282.054,4752	1.007,310m	1.006,326m	
57+680,00	2884	224.063,0782	8.282.054,4133	1.007,052m	1.006,127m	
57+700,00	2885	224.083,0781	8.282.054,3513	1.006,630m	1.005,928m	
57+720,00	2886	224.103,0780	8.282.054,2894	1.006,252m	1.005,729m	
57+740,00	2887	224.123,0779	8.282.054,2274	1.006,201m	1.005,530m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
57+760,00	2888	224.143,0778	8.282.054,1655	1.006,111m	1.005,331m	
57+780,00	2889	224.163,0777	8.282.054,1035	1.005,831m	1.005,132m	
57+800,00	2890	224.183,0776	8.282.054,0416	1.005,418m	1.004,933m	
57+820,00	2891	224.203,0775	8.282.053,9796	1.005,061m	1.004,734m	
57+840,00	2892	224.223,0775	8.282.053,9177	1.004,796m	1.004,535m	
57+860,00	2893	224.243,0774	8.282.053,8557	1.004,924m	1.004,336m	
57+880,00	2894	224.263,0773	8.282.053,7938	1.004,704m	1.004,137m	
57+900,00	2895	224.283,0772	8.282.053,7318	1.004,291m	1.003,938m	
57+920,00	2896	224.303,0771	8.282.053,6699	1.003,915m	1.003,739m	
57+940,00	2897	224.323,0770	8.282.053,6079	1.003,574m	1.003,540m	
57+960,00	2898	224.343,0769	8.282.053,5460	1.003,711m	1.003,341m	
57+980,00	2899	224.363,0768	8.282.053,4840	1.003,369m	1.003,141m	
58+000,00	2900	224.383,0767	8.282.053,4220	1.002,978m	1.002,942m	
58+020,00	2901	224.403,0766	8.282.053,3601	1.002,803m	1.002,743m	
58+040,00	2902	224.423,0765	8.282.053,2981	1.002,681m	1.002,544m	
58+060,00	2903	224.443,0764	8.282.053,2362	1.002,598m	1.002,345m	
58+080,00	2904	224.463,0763	8.282.053,1742	1.002,648m	1.002,146m	
58+100,00	2905	224.483,0762	8.282.053,1123	1.002,568m	1.001,947m	
58+115,66	2905+15,66	224.498,7327	8.282.053,0638	1.002,486m	1.001,791m	PCV
58+120,00	2906	224.503,0761	8.282.053,0030	1.002,463m	1.001,746m	
58+140,00	2907	224.523,0760	8.282.052,9884	1.002,357m	1.001,467m	
58+160,00	2908	224.543,0759	8.282.052,9264	1.002,177m	1.001,078m	
58+180,00	2909	224.563,0758	8.282.052,8645	1.001,954m	1.000,579m	
58+200,00	2910	224.583,0757	8.282.052,8025	1.001,677m	999,969m	
58+205,66	2910+5,66	224.588,7323	8.282.052,7850	1.001,598m	999,776m	PIV
58+220,00	2911	224.603,0756	8.282.052,7406	1.001,444m	999,248m	
58+240,00	2912	224.623,0755	8.282.052,6786	1.001,274m	998,417m	
58+260,00	2913	224.643,0754	8.282.052,6167	1.000,748m	997,475m	
58+280,00	2914	224.663,0753	8.282.052,5547	1.000,143m	996,423m	
58+295,66	2914+15,66	224.678,7318	8.282.052,5062	999,665m	995,522m	PTV
58+300,00	2915	224.683,0752	8.282.052,4928	999,537m	995,262m	
58+320,00	2916	224.703,0752	8.282.052,4308	998,949m	994,068m	
58+340,00	2917	224.723,0751	8.282.052,3689	998,350m	992,874m	
58+360,00	2918	224.743,0750	8.282.052,3069	997,744m	991,679m	
58+380,00	2919	224.763,0749	8.282.052,2450	996,819m	990,485m	
58+400,00	2920	224.783,0748	8.282.052,1830	995,773m	989,291m	
58+420,00	2921	224.803,0747	8.282.052,1211	994,806m	988,097m	
58+440,00	2922	224.823,0746	8.282.052,0591	993,845m	986,902m	
58+460,00	2923	224.843,0745	8.282.051,9971	992,755m	985,708m	
58+480,00	2924	224.863,0744	8.282.051,9352	991,175m	984,514m	
58+500,00	2925	224.883,0743	8.282.051,8732	989,419m	983,320m	
58+520,00	2926	224.903,0742	8.282.051,8113	987,955m	982,125m	
58+540,00	2927	224.923,0741	8.282.051,7493	986,286m	980,931m	
58+556,96	2927+16,96	224.940,0331	8.282.051,6968	985,096m	979,918m	PC
58+560,00	2928	224.943,0739	8.282.051,7182	984,881m	979,737m	
58+562,16	2928+2,16	224.945,2298	8.282.051,7707	984,725m	979,608m	PCV
58+572,16	2928+12,16	224.955,2069	8.282.052,4190	984,004m	979,025m	PIV
58+580,00	2929	224.962,9889	8.282.053,3918	983,155m	978,589m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
58+581,73	2929+1,73	224.964,6992	8.282.053,6613	982,865m	978,495m	PT
58+582,16	2929+2,16	224.965,1188	8.282.053,7299	982,793m	978,472m	PTV
58+600,00	2930	224.982,7284	8.282.056,6088	981,260m	977,510m	
58+620,00	2931	225.002,4664	8.282.059,8357	980,205m	976,433m	
58+621,38	2931+1,38	225.003,8282	8.282.060,0583	980,189m	976,358m	PC
58+622,66	2931+2,66	225.005,0890	8.282.060,2589	980,068m	976,289m	PCV
58+627,66	2931+7,66	225.010,0420	8.282.060,9411	979,547m	976,015m	PIV
58+632,66	2931+12,66	225.015,0150	8.282.061,4579	979,117m	975,730m	PTV
58+640,00	2932	225.022,3434	8.282.061,9157	978,465m	975,303m	
58+646,15	2932+6,15	225.028,4943	8.282.062,0228	977,918m	974,946m	PT
58+648,66	2932+8,66	225.030,9986	8.282.062,0151	977,688m	974,801m	PCV
58+660,00	2933	225.042,3420	8.282.061,9799	976,550m	974,202m	
58+678,66	2933+18,66	225.060,9985	8.282.061,9222	974,229m	973,476m	PIV
58+680,00	2934	225.062,3419	8.282.061,9180	974,086m	973,436m	
58+700,00	2935	225.082,3418	8.282.061,8560	971,940m	973,041m	
58+708,66	2935+8,66	225.090,9983	8.282.061,8292	971,164m	972,985m	PTV
58+720,00	2936	225.102,3417	8.282.061,7941	967,542m	972,957m	
58+736,91	2936+16,91	225.119,2482	8.282.061,7417	971,123m	972,915m	PCV
58+739,81	2936+19,81	225.122,1539	8.282.061,7327	971,428m	972,911m	
58+740,00	2937	225.122,3416	8.282.061,7321	971,448m	972,911m	
58+760,00	2938	225.142,3415	8.282.061,6702	973,874m	973,084m	
58+761,91	2938+1,91	225.144,2481	8.282.061,6643	974,089m	973,119m	PIV
58+780,00	2939	225.162,3414	8.282.061,6082	975,637m	973,598m	
58+786,91	2939+6,91	225.169,2480	8.282.061,5868	976,486m	973,854m	PTV
58+790,16	2939+10,16	225.172,4979	8.282.061,5768	976,939m	973,984m	PCV
58+794,12	2939+14,12	225.176,4648	8.282.061,5645	977,492m	974,154m	PC
58+795,16	2939+15,16	225.177,4979	8.282.061,5577	977,636m	974,201m	PIV
58+800,00	2940	225.182,3395	8.282.061,4312	978,221m	974,445m	
58+800,16	2940+0,16	225.182,4959	8.282.061,4245	978,234m	974,454m	PTV
58+818,90	2940+18,90	225.201,1182	8.282.059,4472	979,555m	975,465m	PT
58+820,00	2941	225.202,2069	8.282.059,2623	979,562m	975,525m	
58+840,00	2942	225.221,9245	8.282.055,9132	980,874m	976,605m	
58+858,54	2942+18,54	225.240,2069	8.282.052,8079	982,508m	977,606m	PC
58+860,00	2943	225.241,6432	8.282.052,5711	982,606m	977,684m	
58+861,16	2943+1,16	225.242,7860	8.282.052,3929	982,684m	977,747m	PCV
58+866,16	2943+6,16	225.247,7408	8.282.051,7241	983,025m	978,024m	PIV
58+871,16	2943+11,16	225.252,7152	8.282.051,2209	983,400m	978,316m	PTV
58+880,00	2944	225.261,5441	8.282.050,7375	984,132m	978,845m	
58+883,32	2944+3,32	225.264,8603	8.282.050,6906	984,360m	979,044m	PT
58+900,00	2945	225.281,5436	8.282.050,6389	985,365m	980,042m	
58+920,00	2946	225.301,5435	8.282.050,5770	987,029m	981,240m	
58+940,00	2947	225.321,5434	8.282.050,5150	988,167m	982,437m	
58+960,00	2948	225.341,5434	8.282.050,4531	989,454m	983,634m	
58+980,00	2949	225.361,5433	8.282.050,3911	990,918m	984,831m	
59+000,00	2950	225.381,5432	8.282.050,3292	992,109m	986,029m	
59+005,08	2950+5,08	225.386,6235	8.282.050,3134	992,385m	986,333m	
59+020,00	2951	225.401,5431	8.282.050,3013	993,095m	987,226m	
59+040,00	2952	225.421,5431	8.282.050,2851	994,201m	988,423m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
59+060,00	2953	225.441,5431	8.282.050,2689	995,527m	989,620m	
59+080,00	2954	225.461,5431	8.282.050,2527	996,274m	990,817m	
59+100,00	2955	225.481,5431	8.282.050,2365	997,376m	992,015m	
59+120,00	2956	225.501,5431	8.282.050,2202	998,490m	993,212m	
59+140,00	2957	225.521,5431	8.282.050,2040	999,635m	994,409m	
59+160,00	2958	225.541,5431	8.282.050,1878	1.000,715m	995,606m	
59+180,00	2959	225.561,5431	8.282.050,1716	1.001,489m	996,803m	
59+200,00	2960	225.581,5431	8.282.050,1554	1.002,464m	998,001m	
59+220,00	2961	225.601,5431	8.282.050,1392	1.003,477m	999,198m	
59+240,00	2962	225.621,5431	8.282.050,1229	1.004,504m	1.000,395m	
59+260,00	2963	225.641,5431	8.282.050,1067	1.005,492m	1.001,592m	
59+280,00	2964	225.661,5430	8.282.050,0905	1.006,327m	1.002,789m	
59+300,00	2965	225.681,5430	8.282.050,0743	1.007,193m	1.003,987m	
59+320,00	2966	225.701,5430	8.282.050,0581	1.007,937m	1.005,184m	
59+340,00	2967	225.721,5430	8.282.050,0418	1.008,630m	1.006,381m	
59+360,00	2968	225.741,5430	8.282.050,0256	1.009,453m	1.007,578m	
59+380,00	2969	225.761,5430	8.282.050,0094	1.010,148m	1.008,776m	
59+400,00	2970	225.781,5430	8.282.049,9932	1.010,967m	1.009,973m	
59+420,00	2971	225.801,5430	8.282.049,9770	1.011,868m	1.011,170m	
59+440,00	2972	225.821,5430	8.282.049,9607	1.012,710m	1.012,367m	
59+440,16	2972+0,16	225.821,6996	8.282.049,9606	1.012,714m	1.012,377m	PCV
59+460,00	2973	225.841,5430	8.282.049,9445	1.013,482m	1.013,545m	
59+480,00	2974	225.861,5430	8.282.049,9283	1.014,254m	1.014,685m	
59+500,00	2975	225.881,5430	8.282.049,9121	1.015,142m	1.015,786m	
59+520,00	2976	225.901,5430	8.282.049,8959	1.015,755m	1.016,849m	
59+520,16	2976+0,16	225.901,6995	8.282.049,8957	1.015,762m	1.016,857m	PIV
59+540,00	2977	225.921,5430	8.282.049,8797	1.016,664m	1.017,873m	
59+560,00	2978	225.941,5430	8.282.049,8634	1.017,564m	1.018,859m	
59+580,00	2979	225.961,5429	8.282.049,8472	1.018,362m	1.019,806m	
59+600,00	2980	225.981,5429	8.282.049,8310	1.019,365m	1.020,714m	
59+600,16	2980+0,16	225.981,6995	8.282.049,8309	1.019,373m	1.020,721m	PTV
59+620,00	2981	226.001,5429	8.282.049,8148	1.020,351m	1.021,603m	
59+640,00	2982	226.021,5429	8.282.049,7986	1.021,408m	1.022,492m	
59+660,00	2983	226.041,5429	8.282.049,7823	1.022,269m	1.023,381m	
59+680,00	2984	226.061,5429	8.282.049,7661	1.023,145m	1.024,270m	
59+700,00	2985	226.081,5429	8.282.049,7499	1.024,155m	1.025,159m	
59+720,00	2986	226.101,5429	8.282.049,7337	1.025,078m	1.026,048m	
59+740,00	2987	226.121,5429	8.282.049,7175	1.025,971m	1.026,937m	
59+760,00	2988	226.141,5429	8.282.049,7013	1.026,612m	1.027,826m	
59+780,00	2989	226.161,5429	8.282.049,6850	1.027,769m	1.028,715m	
59+800,00	2990	226.181,5429	8.282.049,6688	1.028,867m	1.029,604m	
59+820,00	2991	226.201,5429	8.282.049,6526	1.029,795m	1.030,493m	
59+840,00	2992	226.221,5429	8.282.049,6364	1.030,606m	1.031,382m	
59+860,00	2993	226.241,5429	8.282.049,6202	1.031,274m	1.032,271m	
59+880,00	2994	226.261,5428	8.282.049,6039	1.032,105m	1.033,160m	
59+900,00	2995	226.281,5428	8.282.049,5877	1.033,009m	1.034,049m	
59+920,00	2996	226.301,5428	8.282.049,5715	1.034,000m	1.034,938m	
59+940,00	2997	226.321,5428	8.282.049,5553	1.034,934m	1.035,827m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
59+960,00	2998	226.341,5428	8.282.049,5391	1.035,697m	1.036,716m	
59+980,00	2999	226.361,5428	8.282.049,5229	1.036,787m	1.037,605m	
60+000,00	3000	226.381,5428	8.282.049,5066	1.037,383m	1.038,494m	
60+020,00	3001	226.401,5428	8.282.049,4904	1.038,228m	1.039,382m	
60+040,00	3002	226.421,5428	8.282.049,4742	1.039,284m	1.040,271m	
60+060,00	3003	226.441,5428	8.282.049,4580	1.040,263m	1.041,160m	
60+080,00	3004	226.461,5428	8.282.049,4418	1.041,105m	1.042,049m	
60+100,00	3005	226.481,5428	8.282.049,4255	1.042,002m	1.042,938m	
60+120,00	3006	226.501,5428	8.282.049,4093	1.042,939m	1.043,827m	
60+140,00	3007	226.521,5428	8.282.049,3931	1.043,871m	1.044,716m	
60+160,00	3008	226.541,5428	8.282.049,3769	1.045,085m	1.045,605m	
60+180,00	3009	226.561,5427	8.282.049,3607	1.045,855m	1.046,494m	
60+200,00	3010	226.581,5427	8.282.049,3445	1.046,577m	1.047,383m	
60+220,00	3011	226.601,5427	8.282.049,3282	1.047,663m	1.048,272m	
60+240,00	3012	226.621,5427	8.282.049,3120	1.049,122m	1.049,161m	
60+260,00	3013	226.641,5427	8.282.049,2958	1.049,961m	1.050,050m	
60+280,00	3014	226.661,5427	8.282.049,2796	1.051,092m	1.050,939m	
60+300,00	3015	226.681,5427	8.282.049,2634	1.051,405m	1.051,828m	
60+320,00	3016	226.701,5427	8.282.049,2471	1.052,596m	1.052,717m	
60+340,00	3017	226.721,5427	8.282.049,2309	1.054,260m	1.053,606m	
60+360,00	3018	226.741,5427	8.282.049,2147	1.054,801m	1.054,495m	
60+380,00	3019	226.761,5427	8.282.049,1985	1.055,879m	1.055,384m	
60+400,00	3020	226.781,5427	8.282.049,1823	1.056,859m	1.056,273m	
60+420,00	3021	226.801,5427	8.282.049,1660	1.057,761m	1.057,162m	
60+440,00	3022	226.821,5427	8.282.049,1498	1.059,191m	1.058,051m	
60+460,00	3023	226.841,5427	8.282.049,1336	1.060,179m	1.058,940m	
60+480,00	3024	226.861,5427	8.282.049,1174	1.061,068m	1.059,829m	
60+500,00	3025	226.881,5426	8.282.049,1012	1.062,058m	1.060,718m	
60+520,00	3026	226.901,5426	8.282.049,0850	1.063,059m	1.061,607m	
60+540,00	3027	226.921,5426	8.282.049,0687	1.064,394m	1.062,496m	
60+560,00	3028	226.941,5426	8.282.049,0525	1.065,409m	1.063,384m	
60+580,00	3029	226.961,5426	8.282.049,0363	1.066,071m	1.064,273m	
60+600,00	3030	226.981,5426	8.282.049,0201	1.066,845m	1.065,162m	
60+620,00	3031	227.001,5426	8.282.049,0039	1.067,789m	1.066,051m	
60+640,00	3032	227.021,5426	8.282.048,9876	1.068,848m	1.066,940m	
60+660,00	3033	227.041,5426	8.282.048,9714	1.069,767m	1.067,829m	
60+680,00	3034	227.061,5426	8.282.048,9552	1.070,670m	1.068,718m	
60+700,00	3035	227.081,5426	8.282.048,9390	1.071,544m	1.069,607m	
60+720,00	3036	227.101,5426	8.282.048,9228	1.072,010m	1.070,496m	
60+740,00	3037	227.121,5426	8.282.048,9066	1.072,544m	1.071,385m	
60+760,00	3038	227.141,5426	8.282.048,8903	1.073,605m	1.072,274m	
60+780,00	3039	227.161,5426	8.282.048,8741	1.073,837m	1.073,163m	
60+797,66	3039+17,66	227.179,1991	8.282.048,8598	1.074,695m	1.073,948m	PCV
60+800,00	3040	227.181,5425	8.282.048,8579	1.074,840m	1.074,052m	
60+820,00	3041	227.201,5425	8.282.048,8417	1.076,076m	1.074,980m	
60+840,00	3042	227.221,5425	8.282.048,8255	1.077,063m	1.075,969m	
60+847,66	3042+7,66	227.229,1991	8.282.048,8193	1.077,424m	1.076,364m	PIV
60+860,00	3043	227.241,5425	8.282.048,8092	1.077,840m	1.077,021m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
60+880,00	3044	227.261,5425	8.282.048,7930	1.079,161m	1.078,134m	
60+897,66	3044+17,66	227.279,1991	8.282.048,7787	1.080,031m	1.079,169m	PTV
60+900,00	3045	227.281,5425	8.282.048,7768	1.080,140m	1.079,310m	
60+920,00	3046	227.301,5425	8.282.048,7606	1.081,289m	1.080,509m	
60+940,00	3047	227.321,5425	8.282.048,7444	1.082,466m	1.081,709m	
60+947,50	3047+7,50	227.329,0457	8.282.048,7383	1.082,897m	1.082,159m	
60+960,00	3048	227.341,5425	8.282.048,7715	1.083,493m	1.082,908m	
60+980,00	3049	227.361,5424	8.282.048,8248	1.084,410m	1.084,108m	
61+000,00	3050	227.381,5423	8.282.048,8780	1.085,413m	1.085,307m	
61+020,00	3051	227.401,5422	8.282.048,9312	1.086,402m	1.086,507m	
61+040,00	3052	227.421,5422	8.282.048,9845	1.087,556m	1.087,706m	
61+060,00	3053	227.441,5421	8.282.049,0377	1.088,978m	1.088,906m	
61+080,00	3054	227.461,5420	8.282.049,0910	1.089,791m	1.090,105m	
61+100,00	3055	227.481,5420	8.282.049,1442	1.090,763m	1.091,305m	
61+120,00	3056	227.501,5419	8.282.049,1974	1.092,144m	1.092,504m	
61+140,00	3057	227.521,5418	8.282.049,2507	1.093,295m	1.093,704m	
61+160,00	3058	227.541,5417	8.282.049,3039	1.094,294m	1.094,903m	
61+180,00	3059	227.561,5417	8.282.049,3571	1.095,417m	1.096,103m	
61+200,00	3060	227.581,5416	8.282.049,4104	1.096,748m	1.097,302m	
61+220,00	3061	227.601,5415	8.282.049,4636	1.097,858m	1.098,502m	
61+240,00	3062	227.621,5415	8.282.049,5168	1.098,744m	1.099,701m	
61+260,00	3063	227.641,5414	8.282.049,5701	1.100,159m	1.100,901m	
61+280,00	3064	227.661,5413	8.282.049,6233	1.101,740m	1.102,100m	
61+300,00	3065	227.681,5412	8.282.049,6765	1.103,020m	1.103,300m	
61+320,00	3066	227.701,5412	8.282.049,7298	1.104,466m	1.104,499m	
61+340,00	3067	227.721,5411	8.282.049,7830	1.105,763m	1.105,699m	
61+360,00	3068	227.741,5410	8.282.049,8362	1.107,223m	1.106,898m	
61+380,00	3069	227.761,5410	8.282.049,8895	1.108,537m	1.108,098m	
61+400,00	3070	227.781,5409	8.282.049,9427	1.110,109m	1.109,297m	
61+420,00	3071	227.801,5408	8.282.049,9959	1.111,794m	1.110,497m	
61+440,00	3072	227.821,5408	8.282.050,0492	1.112,977m	1.111,696m	
61+460,00	3073	227.841,5407	8.282.050,1024	1.114,110m	1.112,896m	
61+480,00	3074	227.861,5406	8.282.050,1556	1.115,419m	1.114,095m	
61+500,00	3075	227.881,5405	8.282.050,2089	1.117,201m	1.115,295m	
61+520,00	3076	227.901,5405	8.282.050,2621	1.118,778m	1.116,494m	
61+540,00	3077	227.921,5404	8.282.050,3153	1.120,360m	1.117,694m	
61+560,00	3078	227.941,5403	8.282.050,3686	1.122,260m	1.118,893m	
61+580,00	3079	227.961,5403	8.282.050,4218	1.124,177m	1.120,093m	
61+600,00	3080	227.981,5402	8.282.050,4750	1.125,899m	1.121,292m	
61+620,00	3081	228.001,5401	8.282.050,5283	1.127,725m	1.122,492m	
61+640,00	3082	228.021,5400	8.282.050,5815	1.128,845m	1.123,691m	
61+660,00	3083	228.041,5400	8.282.050,6347	1.130,611m	1.124,891m	
61+680,00	3084	228.061,5399	8.282.050,6880	1.132,268m	1.126,090m	
61+700,00	3085	228.081,5398	8.282.050,7412	1.134,021m	1.127,290m	
61+720,00	3086	228.101,5398	8.282.050,7944	1.135,569m	1.128,489m	
61+740,00	3087	228.121,5397	8.282.050,8477	1.137,180m	1.129,689m	
61+760,00	3088	228.141,5396	8.282.050,9009	1.138,940m	1.130,888m	
61+780,00	3089	228.161,5395	8.282.050,9541	1.140,620m	1.132,088m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
61+800,00	3090	228.181,5395	8.282.051,0074	1.142,202m	1.133,287m	
61+820,00	3091	228.201,5394	8.282.051,0606	1.143,998m	1.134,487m	
61+840,00	3092	228.221,5393	8.282.051,1138	1.145,342m	1.135,686m	
61+860,00	3093	228.241,5393	8.282.051,1671	1.146,248m	1.136,886m	
61+880,00	3094	228.261,5392	8.282.051,2203	1.147,378m	1.138,086m	
61+900,00	3095	228.281,5391	8.282.051,2735	1.148,483m	1.139,285m	
61+920,00	3096	228.301,5391	8.282.051,3268	1.149,434m	1.140,485m	
61+940,00	3097	228.321,5390	8.282.051,3800	1.150,444m	1.141,684m	
61+960,00	3098	228.341,5389	8.282.051,4332	1.151,814m	1.142,884m	
61+966,26	3098+6,26	228.347,7955	8.282.051,4499	1.152,140m	1.143,259m	PCV
61+980,00	3099	228.361,5388	8.282.051,4865	1.152,454m	1.144,083m	
62+000,00	3100	228.381,5388	8.282.051,5397	1.153,285m	1.145,283m	
62+020,00	3101	228.401,5387	8.282.051,5929	1.154,203m	1.146,483m	
62+040,00	3102	228.421,5386	8.282.051,6462	1.155,083m	1.147,682m	
62+041,26	3102+1,26	228.422,7952	8.282.051,6495	1.155,140m	1.147,758m	PIV
62+060,00	3103	228.441,5386	8.282.051,6994	1.156,169m	1.148,882m	
62+080,00	3104	228.461,5385	8.282.051,7526	1.157,021m	1.150,083m	
62+100,00	3105	228.481,5384	8.282.051,8059	1.157,917m	1.151,283m	
62+116,26	3105+16,26	228.497,7949	8.282.051,8491	1.158,151m	1.152,259m	PTV
62+120,00	3106	228.501,5383	8.282.051,8591	1.158,166m	1.152,483m	
62+140,00	3107	228.521,5383	8.282.051,9123	1.158,420m	1.153,684m	
62+160,00	3108	228.541,5382	8.282.051,9656	1.159,347m	1.154,884m	
62+180,00	3109	228.561,5381	8.282.052,0188	1.160,620m	1.156,085m	
62+200,00	3110	228.581,5381	8.282.052,0720	1.162,618m	1.157,285m	
62+220,00	3111	228.601,5380	8.282.052,1253	1.164,610m	1.158,486m	
62+240,00	3112	228.621,5379	8.282.052,1785	1.165,371m	1.159,686m	
62+260,00	3113	228.641,5378	8.282.052,2317	1.166,301m	1.160,887m	
62+280,00	3114	228.661,5378	8.282.052,2850	1.167,149m	1.162,087m	
62+300,00	3115	228.681,5377	8.282.052,3382	1.168,178m	1.163,287m	
62+320,00	3116	228.701,5376	8.282.052,3914	1.169,770m	1.164,488m	
62+340,00	3117	228.721,5376	8.282.052,4447	1.171,343m	1.165,688m	
62+360,00	3118	228.741,5375	8.282.052,4979	1.172,110m	1.166,889m	
62+380,00	3119	228.761,5374	8.282.052,5511	1.173,207m	1.168,089m	
62+400,00	3120	228.781,5374	8.282.052,6044	1.174,254m	1.169,290m	
62+420,00	3121	228.801,5373	8.282.052,6576	1.174,938m	1.170,490m	
62+440,00	3122	228.821,5372	8.282.052,7108	1.175,880m	1.171,691m	
62+460,00	3123	228.841,5371	8.282.052,7641	1.176,853m	1.172,891m	
62+480,00	3124	228.861,5371	8.282.052,8173	1.178,066m	1.174,092m	
62+500,00	3125	228.881,5370	8.282.052,8705	1.178,922m	1.175,292m	
62+520,00	3126	228.901,5369	8.282.052,9238	1.179,650m	1.176,492m	
62+540,00	3127	228.921,5369	8.282.052,9770	1.180,567m	1.177,693m	
62+560,00	3128	228.941,5368	8.282.053,0302	1.181,337m	1.178,893m	
62+577,66	3128+17,66	228.959,1933	8.282.053,0772	1.182,063m	1.179,953m	PCV
62+580,00	3129	228.961,5367	8.282.053,0835	1.182,162m	1.180,093m	
62+597,66	3129+17,66	228.979,1932	8.282.053,1305	1.182,997m	1.181,070m	PIV
62+600,00	3130	228.981,5366	8.282.053,1367	1.183,115m	1.181,189m	
62+617,66	3130+17,66	228.999,1932	8.282.053,1837	1.183,949m	1.182,017m	PTV
62+620,00	3131	229.001,5366	8.282.053,1900	1.184,043m	1.182,119m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
62+640,00	3132	229.021,5365	8.282.053,2432	1.184,849m	1.182,983m	
62+660,00	3133	229.041,5364	8.282.053,2964	1.185,467m	1.183,846m	
62+680,00	3134	229.061,5364	8.282.053,3497	1.185,815m	1.184,710m	
62+682,31	3134+2,31	229.063,8429	8.282.053,3558	1.185,843m	1.184,810m	PCV
62+687,92	3134+7,92	229.069,4539	8.282.053,3707	1.186,089m	1.185,046m	PC
62+700,00	3135	229.081,0403	8.282.050,4239	1.186,308m	1.185,514m	
62+702,31	3135+2,31	229.083,0073	8.282.049,2210	1.186,356m	1.185,597m	PIV
62+720,00	3136	229.092,8486	8.282.034,9984	1.186,785m	1.186,165m	
62+722,31	3136+2,31	229.093,2810	8.282.032,7337	1.186,812m	1.186,230m	PTV
62+732,55	3136+12,55	229.092,5402	8.282.022,5910	1.186,770m	1.186,515m	PT
62+740,00	3137	229.090,4368	8.282.015,4482	1.186,683m	1.186,722m	
62+757,39	3137+17,39	229.085,5245	8.281.998,7673	1.186,330m	1.187,205m	PC
62+757,55	3137+17,55	229.085,4794	8.281.998,6096	1.186,330m	1.187,210m	PCV
62+760,00	3138	229.085,1203	8.281.996,1954	1.186,334m	1.187,275m	
62+767,55	3138+7,55	229.087,6654	8.281.989,2736	1.186,736m	1.187,435m	PIV
62+772,95	3138+12,95	229.092,1471	8.281.986,3937	1.187,362m	1.187,511m	PT
62+777,55	3138+17,55	229.096,5468	8.281.985,0252	1.187,618m	1.187,552m	PTV
62+780,00	3139	229.098,8833	8.281.984,2985	1.187,634m	1.187,568m	
62+788,48	3139+8,48	229.106,9847	8.281.981,7788	1.187,664m	1.187,622m	PC
62+800,00	3140	229.117,4677	8.281.984,7281	1.187,600m	1.187,695m	
62+804,06	3140+4,06	229.119,4635	8.281.988,2325	1.187,627m	1.187,721m	PT
62+807,59	3140+7,59	229.120,5564	8.281.991,5902	1.187,669m	1.187,744m	PC
62+817,66	3140+17,66	229.124,1997	8.282.000,9668	1.187,771m	1.187,808m	PCV
62+820,00	3141	229.125,1968	8.282.003,0874	1.187,775m	1.187,825m	
62+840,00	3142	229.135,8605	8.282.019,9588	1.187,265m	1.188,129m	
62+847,66	3142+7,66	229.140,8921	8.282.025,7269	1.186,596m	1.188,321m	PIV
62+860,00	3143	229.149,9804	8.282.034,0650	1.186,618m	1.188,719m	
62+877,66	3143+17,66	229.164,7670	8.282.043,6624	1.186,980m	1.189,477m	PTV
62+880,00	3144	229.166,8620	8.282.044,7124	1.187,477m	1.189,593m	
62+897,66	3144+17,66	229.183,4003	8.282.050,8149	1.189,692m	1.190,462m	PCV
62+900,00	3145	229.185,6752	8.282.051,3773	1.189,826m	1.190,576m	
62+920,00	3146	229.205,4947	8.282.053,7319	1.190,787m	1.191,473m	
62+920,40	3146+0,40	229.205,8975	8.282.053,7339	1.190,801m	1.191,489m	PT
62+927,66	3146+7,66	229.213,1512	8.282.053,7532	1.191,085m	1.191,778m	PIV
62+940,00	3147	229.225,4946	8.282.053,7861	1.191,642m	1.192,226m	
62+957,66	3147+17,66	229.243,1511	8.282.053,8331	1.192,496m	1.192,773m	PTV
62+960,00	3148	229.245,4945	8.282.053,8393	1.192,612m	1.192,838m	
62+980,00	3149	229.265,4945	8.282.053,8925	1.193,438m	1.193,394m	
62+992,16	3149+12,16	229.277,6510	8.282.053,9249	1.193,740m	1.193,732m	PCV
63+000,00	3150	229.285,4944	8.282.053,9458	1.193,946m	1.193,947m	
63+020,00	3151	229.305,4943	8.282.053,9990	1.194,424m	1.194,467m	
63+040,00	3152	229.325,4943	8.282.054,0522	1.194,806m	1.194,947m	
63+060,00	3153	229.345,4942	8.282.054,1055	1.195,346m	1.195,386m	
63+080,00	3154	229.365,4941	8.282.054,1587	1.195,808m	1.195,786m	
63+100,00	3155	229.385,4940	8.282.054,2119	1.196,171m	1.196,145m	
63+120,00	3156	229.405,4940	8.282.054,2652	1.196,525m	1.196,463m	
63+140,00	3157	229.425,4939	8.282.054,3184	1.196,840m	1.196,742m	
63+160,00	3158	229.445,4938	8.282.054,3716	1.197,147m	1.196,980m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
63+162,16	3158+2,16	229.447,6504	8.282.054,3774	1.197,182m	1.197,004m	PIV
63+180,00	3159	229.465,4938	8.282.054,4249	1.197,421m	1.197,178m	
63+200,00	3160	229.485,4937	8.282.054,4781	1.197,537m	1.197,336m	
63+220,00	3161	229.505,4936	8.282.054,5313	1.197,628m	1.197,454m	
63+240,00	3162	229.525,4935	8.282.054,5846	1.197,739m	1.197,531m	
63+260,00	3163	229.545,4935	8.282.054,6378	1.197,848m	1.197,568m	
63+268,46	3163+8,46	229.553,9528	8.282.054,6603	1.197,859m	1.197,572m	PB
63+280,00	3164	229.565,4934	8.282.054,6910	1.197,874m	1.197,565m	
63+300,00	3165	229.585,4933	8.282.054,7443	1.197,883m	1.197,522m	
63+320,00	3166	229.605,4933	8.282.054,7975	1.197,841m	1.197,438m	
63+332,16	3166+12,16	229.617,6498	8.282.054,8299	1.197,824m	1.197,368m	PTV
63+337,66	3166+17,66	229.623,1498	8.282.054,8445	1.197,813m	1.197,333m	PCV
63+340,00	3167	229.625,4932	8.282.054,8507	1.197,800m	1.197,317m	
63+341,48	3167+1,48	229.626,9694	8.282.054,8547	1.197,793m	1.197,307m	PC
63+357,66	3167+17,66	229.643,1487	8.282.054,7056	1.197,708m	1.197,181m	PIV
63+360,00	3168	229.645,4915	8.282.054,6522	1.197,691m	1.197,161m	
63+377,66	3168+17,66	229.663,1352	8.282.053,9906	1.197,476m	1.196,984m	PTV
63+380,00	3169	229.665,4754	8.282.053,8684	1.197,446m	1.196,958m	
63+392,66	3169+12,66	229.678,1066	8.282.053,0696	1.197,286m	1.196,818m	PCV
63+397,66	3169+17,66	229.683,0921	8.282.052,6894	1.197,238m	1.196,736m	PIV
63+400,00	3170	229.685,4277	8.282.052,4986	1.197,221m	1.196,678m	
63+402,66	3170+2,66	229.688,0747	8.282.052,2726	1.197,203m	1.196,598m	PTV
63+412,66	3170+12,66	229.698,0300	8.282.051,3294	1.197,111m	1.196,267m	PCV
63+417,66	3170+17,66	229.703,0022	8.282.050,8030	1.197,054m	1.196,126m	PIV
63+420,00	3171	229.705,3313	8.282.050,5437	1.197,028m	1.196,076m	
63+422,66	3171+2,66	229.707,9704	8.282.050,2401	1.196,998m	1.196,032m	PTV
63+440,00	3172	229.725,1688	8.282.048,0056	1.196,791m	1.195,791m	
63+460,00	3173	229.744,9234	8.282.044,8864	1.196,520m	1.195,513m	
63+480,00	3174	229.764,5779	8.282.041,1889	1.196,267m	1.195,236m	
63+500,00	3175	229.784,1154	8.282.036,9161	1.195,942m	1.194,958m	
63+520,00	3176	229.803,5191	8.282.032,0717	1.195,636m	1.194,680m	
63+540,00	3177	229.822,7723	8.282.026,6601	1.195,297m	1.194,402m	
63+560,00	3178	229.841,8583	8.282.020,6857	1.194,714m	1.194,124m	
63+580,00	3179	229.860,7609	8.282.014,1538	1.194,537m	1.193,846m	
63+600,00	3180	229.879,4636	8.282.007,0699	1.194,284m	1.193,568m	
63+620,00	3181	229.897,9503	8.281.999,4403	1.193,928m	1.193,290m	
63+640,00	3182	229.916,2052	8.281.991,2714	1.193,574m	1.193,013m	
63+660,00	3183	229.934,2124	8.281.982,5703	1.193,258m	1.192,735m	
63+680,00	3184	229.951,9566	8.281.973,3444	1.192,965m	1.192,457m	
63+700,00	3185	229.969,4224	8.281.963,6018	1.192,660m	1.192,179m	
63+720,00	3186	229.986,5947	8.281.953,3509	1.192,364m	1.191,901m	
63+740,00	3187	230.003,4588	8.281.942,6003	1.192,158m	1.191,623m	
63+760,00	3188	230.020,0001	8.281.931,3595	1.191,682m	1.191,345m	
63+780,00	3189	230.036,2045	8.281.919,6382	1.191,330m	1.191,067m	
63+800,00	3190	230.052,0578	8.281.907,4463	1.191,030m	1.190,789m	
63+820,00	3191	230.067,5465	8.281.894,7944	1.190,726m	1.190,512m	
63+840,00	3192	230.082,6573	8.281.881,6934	1.190,673m	1.190,234m	
63+860,00	3193	230.097,3771	8.281.868,1546	1.190,432m	1.189,956m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
63+880,00	3194	230.111,6932	8.281.854,1896	1.190,016m	1.189,678m	
63+900,00	3195	230.125,5933	8.281.839,8105	1.189,776m	1.189,400m	
63+920,00	3196	230.139,0655	8.281.825,0297	1.189,697m	1.189,122m	
63+940,00	3197	230.152,0980	8.281.809,8599	1.189,419m	1.188,844m	
63+960,00	3198	230.164,6798	8.281.794,3141	1.189,224m	1.188,566m	
63+970,41	3198+10,41	230.171,0445	8.281.786,0810	1.189,101m	1.188,422m	PCV
63+975,41	3198+15,41	230.174,0577	8.281.782,0909	1.189,046m	1.188,376m	PIV
63+977,76	3198+17,76	230.175,4665	8.281.780,2042	1.189,020m	1.188,371m	
63+980,00	3199	230.176,7999	8.281.778,4058	1.188,997m	1.188,375m	
63+980,41	3199+0,41	230.177,0414	8.281.778,0788	1.188,993m	1.188,377m	PTV
63+990,51	3199+10,51	230.182,9785	8.281.769,9081	1.188,892m	1.188,428m	PCV
63+993,15	3199+13,15	230.184,5125	8.281.767,7549	1.188,866m	1.188,434m	PB
63+995,51	3199+15,51	230.185,8726	8.281.765,8309	1.188,845m	1.188,429m	PIV
64+000,00	3200	230.188,4480	8.281.762,1487	1.188,805m	1.188,390m	
64+000,51	3200+0,51	230.188,7368	8.281.761,7325	1.188,805m	1.188,383m	PTV
64+020,00	3201	230.199,6139	8.281.745,5567	1.188,694m	1.188,112m	
64+040,00	3202	230.210,2881	8.281.728,6442	1.188,493m	1.187,834m	
64+051,87	3202+11,87	230.216,3859	8.281.718,4627	1.188,349m	1.187,669m	PT
64+060,00	3203	230.220,5033	8.281.711,4501	1.188,253m	1.187,556m	
64+080,00	3204	230.230,6296	8.281.694,2032	1.188,084m	1.187,278m	
64+100,00	3205	230.240,7560	8.281.676,9563	1.187,834m	1.187,000m	
64+120,00	3206	230.250,8824	8.281.659,7093	1.187,467m	1.186,722m	
64+140,00	3207	230.261,0088	8.281.642,4624	1.187,222m	1.186,444m	
64+160,00	3208	230.271,1351	8.281.625,2155	1.186,917m	1.186,166m	
64+180,00	3209	230.281,2615	8.281.607,9685	1.186,637m	1.185,887m	
64+200,00	3210	230.291,3879	8.281.590,7216	1.186,285m	1.185,609m	
64+220,00	3211	230.301,5143	8.281.573,4747	1.185,854m	1.185,331m	
64+240,00	3212	230.311,6406	8.281.556,2278	1.185,631m	1.185,053m	
64+247,66	3212+7,66	230.315,5173	8.281.549,6251	1.185,228m	1.184,947m	PCV
64+260,00	3213	230.321,7670	8.281.538,9808	1.184,982m	1.184,767m	
64+280,00	3214	230.331,8934	8.281.521,7339	1.184,728m	1.184,442m	
64+300,00	3215	230.342,0198	8.281.504,4870	1.184,404m	1.184,076m	
64+320,00	3216	230.352,1461	8.281.487,2401	1.183,927m	1.183,668m	
64+337,66	3216+17,66	230.361,0860	8.281.472,0140	1.183,513m	1.183,273m	PIV
64+340,00	3217	230.362,2725	8.281.469,9931	1.183,458m	1.183,218m	
64+360,00	3218	230.372,3989	8.281.452,7462	1.183,086m	1.182,727m	
64+380,00	3219	230.382,5253	8.281.435,4993	1.182,539m	1.182,194m	
64+400,00	3220	230.392,6516	8.281.418,2523	1.181,871m	1.181,619m	
64+420,00	3221	230.402,7780	8.281.401,0054	1.181,183m	1.181,003m	
64+427,66	3221+7,66	230.406,6547	8.281.394,4028	1.180,981m	1.180,756m	PTV
64+440,00	3222	230.412,9044	8.281.383,7585	1.180,852m	1.180,353m	
64+460,00	3223	230.423,0308	8.281.366,5116	1.180,313m	1.179,700m	
64+480,00	3224	230.433,1571	8.281.349,2646	1.179,794m	1.179,047m	
64+500,00	3225	230.443,2835	8.281.332,0177	1.179,218m	1.178,394m	
64+520,00	3226	230.453,4099	8.281.314,7708	1.178,583m	1.177,740m	
64+540,00	3227	230.463,5363	8.281.297,5238	1.177,993m	1.177,087m	
64+560,00	3228	230.473,6626	8.281.280,2769	1.177,391m	1.176,434m	
64+580,00	3229	230.483,7890	8.281.263,0300	1.176,758m	1.175,781m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
64+600,00	3230	230.493,9154	8.281.245,7831	1.176,030m	1.175,128m	
64+620,00	3231	230.504,0418	8.281.228,5361	1.175,307m	1.174,475m	
64+640,00	3232	230.514,1681	8.281.211,2892	1.174,751m	1.173,822m	
64+660,00	3233	230.524,2945	8.281.194,0423	1.174,163m	1.173,168m	
64+680,00	3234	230.534,4209	8.281.176,7953	1.173,529m	1.172,515m	
64+700,00	3235	230.544,5473	8.281.159,5484	1.172,822m	1.171,862m	
64+720,00	3236	230.554,6736	8.281.142,3015	1.172,056m	1.171,209m	
64+740,00	3237	230.564,8000	8.281.125,0546	1.171,569m	1.170,556m	
64+760,00	3238	230.574,9264	8.281.107,8076	1.170,878m	1.169,903m	
64+780,00	3239	230.585,0528	8.281.090,5607	1.170,130m	1.169,250m	
64+800,00	3240	230.595,1791	8.281.073,3138	1.169,580m	1.168,596m	
64+820,00	3241	230.605,3055	8.281.056,0669	1.168,741m	1.167,943m	
64+840,00	3242	230.615,4319	8.281.038,8199	1.168,123m	1.167,290m	
64+860,00	3243	230.625,5583	8.281.021,5730	1.167,486m	1.166,637m	
64+880,00	3244	230.635,6846	8.281.004,3261	1.166,806m	1.165,984m	
64+900,00	3245	230.645,8110	8.280.987,0791	1.166,027m	1.165,331m	
64+920,00	3246	230.655,9374	8.280.969,8322	1.165,204m	1.164,678m	
64+940,00	3247	230.666,0638	8.280.952,5853	1.164,342m	1.164,024m	
64+960,00	3248	230.676,1901	8.280.935,3384	1.163,582m	1.163,371m	
64+980,00	3249	230.686,3165	8.280.918,0914	1.162,353m	1.162,718m	
64+982,66	3249+2,66	230.687,6616	8.280.915,8005	1.162,240m	1.162,631m	PCV
65+000,00	3250	230.696,4429	8.280.900,8445	1.161,576m	1.162,096m	
65+020,00	3251	230.706,5693	8.280.883,5976	1.161,543m	1.161,555m	
65+040,00	3252	230.716,6956	8.280.866,3506	1.161,307m	1.161,096m	
65+060,00	3253	230.726,8220	8.280.849,1037	1.161,023m	1.160,719m	
65+077,66	3253+17,66	230.735,7619	8.280.833,8776	1.160,826m	1.160,455m	PIV
65+080,00	3254	230.736,9484	8.280.831,8568	1.160,810m	1.160,425m	
65+100,00	3255	230.747,0748	8.280.814,6099	1.160,677m	1.160,212m	
65+120,00	3256	230.757,2011	8.280.797,3629	1.160,726m	1.160,081m	
65+140,00	3257	230.767,3275	8.280.780,1160	1.160,735m	1.160,033m	
65+141,81	3257+1,81	230.768,2454	8.280.778,5526	1.160,732m	1.160,033m	
65+160,00	3258	230.777,4539	8.280.762,8691	1.160,701m	1.160,067m	
65+172,66	3258+12,66	230.783,8622	8.280.751,9547	1.160,659m	1.160,130m	PTV
65+180,00	3259	230.787,5803	8.280.745,6221	1.160,613m	1.160,177m	
65+200,00	3260	230.797,7066	8.280.728,3752	1.160,289m	1.160,303m	
65+220,00	3261	230.807,8330	8.280.711,1283	1.160,393m	1.160,430m	
65+240,00	3262	230.817,9594	8.280.693,8814	1.160,764m	1.160,556m	
65+260,00	3263	230.828,0858	8.280.676,6344	1.160,895m	1.160,683m	
65+280,00	3264	230.838,2121	8.280.659,3875	1.161,008m	1.160,810m	
65+300,00	3265	230.848,3385	8.280.642,1406	1.161,200m	1.160,936m	
65+320,00	3266	230.858,4649	8.280.624,8937	1.161,365m	1.161,063m	
65+340,00	3267	230.868,5913	8.280.607,6467	1.161,557m	1.161,189m	
65+360,00	3268	230.878,7176	8.280.590,3998	1.161,760m	1.161,316m	
65+380,00	3269	230.888,8440	8.280.573,1529	1.161,878m	1.161,442m	
65+400,00	3270	230.898,9704	8.280.555,9059	1.162,016m	1.161,569m	
65+420,00	3271	230.909,0968	8.280.538,6590	1.162,182m	1.161,696m	
65+427,66	3271+7,66	230.912,9734	8.280.532,0564	1.162,228m	1.161,744m	PCV
65+440,00	3272	230.919,2231	8.280.521,4121	1.162,322m	1.161,836m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
65+460,00	3273	230.929,3495	8.280.504,1652	1.162,474m	1.162,043m	
65+480,00	3274	230.939,4759	8.280.486,9182	1.162,671m	1.162,323m	
65+492,03	3274+12,03	230.945,5691	8.280.476,5405	1.162,841m	1.162,526m	PC
65+497,66	3274+17,66	230.948,1696	8.280.471,5584	1.162,849m	1.162,630m	PIV
65+500,00	3275	230.949,1046	8.280.469,4098	1.162,833m	1.162,675m	
65+520,00	3276	230.953,2981	8.280.449,9614	1.163,292m	1.163,100m	
65+540,00	3277	230.950,4777	8.280.430,2669	1.163,630m	1.163,596m	
65+560,00	3278	230.940,9944	8.280.412,7771	1.164,167m	1.164,166m	
65+567,66	3278+7,66	230.935,8242	8.280.407,1378	1.164,396m	1.164,403m	PTV
65+577,66	3278+17,66	230.928,0101	8.280.400,9186	1.164,729m	1.164,719m	PCV
65+580,00	3279	230.926,0282	8.280.399,6683	1.164,803m	1.164,790m	
65+582,36	3279+2,36	230.923,9824	8.280.398,4940	1.164,877m	1.164,857m	PT
65+585,47	3279+5,47	230.921,2553	8.280.397,0034	1.164,976m	1.164,935m	PC
65+597,66	3279+17,66	230.913,9457	8.280.387,6677	1.165,202m	1.165,149m	PIV
65+600,00	3280	230.913,5269	8.280.385,3644	1.165,073m	1.165,172m	
65+608,78	3280+8,78	230.915,1691	8.280.376,8673	1.165,329m	1.165,212m	PB
65+609,03	3280+9,03	230.915,2871	8.280.376,6471	1.165,329m	1.165,212m	PT
65+617,66	3280+17,66	230.919,4249	8.280.369,0764	1.165,348m	1.165,172m	PTV
65+620,00	3281	230.920,5489	8.280.367,0201	1.165,353m	1.165,150m	
65+624,52	3281+4,52	230.922,7172	8.280.363,0529	1.165,363m	1.165,110m	PC
65+637,66	3281+17,66	230.932,9745	8.280.355,5309	1.165,368m	1.164,991m	PCV
65+640,00	3282	230.935,2996	8.280.355,2581	1.165,311m	1.164,969m	
65+646,40	3282+6,40	230.941,5562	8.280.356,3626	1.165,153m	1.164,902m	PCC
65+657,66	3282+17,66	230.952,2531	8.280.359,8261	1.164,840m	1.164,757m	PIV
65+660,00	3283	230.954,5399	8.280.360,3375	1.164,766m	1.164,722m	
65+677,66	3283+17,66	230.972,0928	8.280.361,7981	1.164,283m	1.164,416m	PTV
65+680,00	3284	230.974,4327	8.280.361,6717	1.164,240m	1.164,370m	
65+700,00	3285	230.993,9446	8.280.357,5740	1.163,813m	1.163,975m	
65+720,00	3286	231.011,6201	8.280.348,3501	1.163,542m	1.163,581m	
65+737,90	3286+17,90	231.024,8004	8.280.336,3016	1.163,355m	1.163,228m	PT
65+740,00	3287	231.026,1640	8.280.334,7074	1.163,335m	1.163,186m	
65+742,53	3287+2,53	231.027,8058	8.280.332,7880	1.163,311m	1.163,137m	PC
65+747,66	3287+7,66	231.031,7365	8.280.329,5295	1.163,256m	1.163,035m	PCV
65+760,00	3288	231.043,6625	8.280.328,2160	1.162,962m	1.162,814m	
65+763,69	3288+3,69	231.047,0196	8.280.329,7349	1.162,791m	1.162,757m	PT
65+767,66	3288+7,66	231.050,4018	8.280.331,7994	1.162,647m	1.162,699m	PIV
65+779,30	3288+19,30	231.060,3397	8.280.337,8654	1.162,520m	1.162,558m	PC
65+780,00	3289	231.060,9289	8.280.338,2442	1.162,511m	1.162,550m	
65+787,66	3289+7,66	231.065,9277	8.280.343,9339	1.162,414m	1.162,480m	PTV
65+800,00	3290	231.066,5775	8.280.355,9144	1.162,203m	1.162,381m	
65+802,67	3290+2,67	231.065,4283	8.280.358,3169	1.162,202m	1.162,360m	PCC
65+820,00	3291	231.059,0022	8.280.374,3416	1.162,053m	1.162,221m	
65+827,66	3291+7,66	231.057,7846	8.280.381,8948	1.161,931m	1.162,159m	PCV
65+840,00	3292	231.057,9997	8.280.394,2117	1.161,795m	1.162,037m	
65+847,66	3292+7,66	231.059,4805	8.280.401,7177	1.161,623m	1.161,937m	PIV
65+860,00	3293	231.063,9590	8.280.413,1936	1.161,305m	1.161,738m	
65+867,66	3293+7,66	231.067,9539	8.280.419,7185	1.161,117m	1.161,591m	PTV
65+880,00	3294	231.076,1385	8.280.428,9253	1.160,820m	1.161,340m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
65+893,97	3294+13,97	231.087,5526	8.280.436,9171	1.160,420m	1.161,055m	PT
65+900,00	3295	231.092,8820	8.280.439,7392	1.160,248m	1.160,933m	
65+920,00	3296	231.110,5569	8.280.449,0987	1.159,620m	1.160,525m	
65+940,00	3297	231.128,2318	8.280.458,4581	1.159,050m	1.160,118m	
65+960,00	3298	231.145,9066	8.280.467,8176	1.158,493m	1.159,710m	
65+980,00	3299	231.163,5815	8.280.477,1770	1.157,934m	1.159,303m	
66+000,00	3300	231.181,2564	8.280.486,5364	1.157,469m	1.158,895m	
66+020,00	3301	231.198,9312	8.280.495,8959	1.157,028m	1.158,488m	
66+040,00	3302	231.216,6061	8.280.505,2553	1.156,574m	1.158,080m	
66+060,00	3303	231.234,2809	8.280.514,6148	1.156,212m	1.157,673m	
66+080,00	3304	231.251,9558	8.280.523,9742	1.155,858m	1.157,265m	
66+100,00	3305	231.269,6307	8.280.533,3337	1.155,267m	1.156,858m	
66+120,00	3306	231.287,3055	8.280.542,6931	1.154,938m	1.156,450m	
66+140,00	3307	231.304,9804	8.280.552,0526	1.154,762m	1.156,043m	
66+160,00	3308	231.322,6553	8.280.561,4120	1.154,578m	1.155,636m	
66+180,00	3309	231.340,3301	8.280.570,7715	1.154,350m	1.155,228m	
66+200,00	3310	231.358,0050	8.280.580,1309	1.153,660m	1.154,821m	
66+220,00	3311	231.375,6798	8.280.589,4904	1.153,299m	1.154,413m	
66+240,00	3312	231.393,3547	8.280.598,8498	1.153,063m	1.154,006m	
66+260,00	3313	231.411,0296	8.280.608,2093	1.152,821m	1.153,598m	
66+280,00	3314	231.428,7044	8.280.617,5687	1.152,592m	1.153,191m	
66+300,00	3315	231.446,3793	8.280.626,9282	1.152,406m	1.152,783m	
66+320,00	3316	231.464,0542	8.280.636,2876	1.152,215m	1.152,376m	
66+340,00	3317	231.481,7290	8.280.645,6470	1.152,020m	1.151,968m	
66+360,00	3318	231.499,4039	8.280.655,0065	1.151,834m	1.151,561m	
66+380,00	3319	231.517,0787	8.280.664,3659	1.151,681m	1.151,153m	
66+400,00	3320	231.534,7536	8.280.673,7254	1.151,268m	1.150,746m	
66+420,00	3321	231.552,4285	8.280.683,0848	1.151,165m	1.150,339m	
66+440,00	3322	231.570,1033	8.280.692,4443	1.150,919m	1.149,931m	
66+460,00	3323	231.587,7782	8.280.701,8037	1.150,744m	1.149,524m	
66+480,00	3324	231.605,4530	8.280.711,1632	1.150,626m	1.149,116m	
66+500,00	3325	231.623,1279	8.280.720,5226	1.150,508m	1.148,709m	
66+520,00	3326	231.640,8028	8.280.729,8821	1.150,416m	1.148,301m	
66+540,00	3327	231.658,4776	8.280.739,2415	1.150,333m	1.147,894m	
66+560,00	3328	231.676,1525	8.280.748,6010	1.150,232m	1.147,486m	
66+580,00	3329	231.693,8274	8.280.757,9604	1.150,108m	1.147,079m	
66+600,00	3330	231.711,5022	8.280.767,3199	1.149,942m	1.146,671m	
66+620,00	3331	231.729,1771	8.280.776,6793	1.149,683m	1.146,264m	
66+640,00	3332	231.746,8519	8.280.786,0387	1.149,454m	1.145,856m	
66+660,00	3333	231.764,5268	8.280.795,3982	1.149,191m	1.145,449m	
66+680,00	3334	231.782,2017	8.280.804,7576	1.148,806m	1.145,041m	
66+700,00	3335	231.799,8765	8.280.814,1171	1.148,435m	1.144,634m	
66+720,00	3336	231.817,5514	8.280.823,4765	1.147,982m	1.144,227m	
66+740,00	3337	231.835,2263	8.280.832,8360	1.147,456m	1.143,819m	
66+760,00	3338	231.852,9011	8.280.842,1954	1.146,753m	1.143,412m	
66+780,00	3339	231.870,5760	8.280.851,5549	1.145,910m	1.143,004m	
66+800,00	3340	231.888,2508	8.280.860,9143	1.144,865m	1.142,597m	
66+820,00	3341	231.905,9257	8.280.870,2738	1.144,339m	1.142,189m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
66+831,16	3341+11,16	231.915,7852	8.280.875,4947	1.144,152m	1.141,962m	PCV
66+840,00	3342	231.923,6006	8.280.879,6332	1.143,714m	1.141,777m	
66+860,00	3343	231.941,2754	8.280.888,9927	1.142,722m	1.141,319m	
66+880,00	3344	231.958,9503	8.280.898,3521	1.141,990m	1.140,809m	
66+900,00	3345	231.976,6252	8.280.907,7116	1.140,512m	1.140,245m	
66+920,00	3346	231.994,3000	8.280.917,0710	1.138,607m	1.139,629m	
66+940,00	3347	232.011,9749	8.280.926,4305	1.136,343m	1.138,960m	
66+960,00	3348	232.029,6497	8.280.935,7899	1.134,268m	1.138,237m	
66+980,00	3349	232.047,3246	8.280.945,1493	1.133,108m	1.137,462m	
66+981,16	3349+1,16	232.048,3467	8.280.945,6906	1.133,028m	1.137,416m	PIV
67+000,00	3350	232.064,9995	8.280.954,5088	1.131,720m	1.136,634m	
67+020,00	3351	232.082,6743	8.280.963,8682	1.130,442m	1.135,753m	
67+040,00	3352	232.100,3492	8.280.973,2277	1.129,929m	1.134,818m	
67+060,00	3353	232.118,0241	8.280.982,5871	1.129,697m	1.133,831m	
67+080,00	3354	232.135,6989	8.280.991,9466	1.128,914m	1.132,791m	
67+100,00	3355	232.153,3738	8.281.001,3060	1.128,637m	1.131,697m	
67+120,00	3356	232.171,0486	8.281.010,6655	1.128,038m	1.130,551m	
67+131,16	3356+11,16	232.180,9082	8.281.015,8864	1.127,622m	1.129,889m	PTV
67+140,00	3357	232.188,7235	8.281.020,0249	1.127,391m	1.129,357m	
67+160,00	3358	232.206,3984	8.281.029,3844	1.127,005m	1.128,155m	
67+180,00	3359	232.224,0732	8.281.038,7438	1.126,827m	1.126,953m	
67+200,00	3360	232.241,7481	8.281.048,1033	1.126,576m	1.125,750m	
67+220,00	3361	232.259,4229	8.281.057,4627	1.125,860m	1.124,548m	
67+240,00	3362	232.277,0978	8.281.066,8222	1.125,631m	1.123,346m	
67+260,00	3363	232.294,7727	8.281.076,1816	1.124,538m	1.122,144m	
67+280,00	3364	232.312,4475	8.281.085,5411	1.121,855m	1.120,941m	
67+290,60	3364+10,60	232.321,8124	8.281.090,5001	1.120,629m	1.120,304m	
67+300,00	3365	232.330,1483	8.281.094,8512	1.119,831m	1.119,739m	
67+320,00	3366	232.347,8784	8.281.104,1057	1.118,208m	1.118,537m	
67+340,00	3367	232.365,6084	8.281.113,3602	1.116,430m	1.117,334m	
67+360,00	3368	232.383,3384	8.281.122,6147	1.114,483m	1.116,132m	
67+380,00	3369	232.401,0685	8.281.131,8692	1.112,746m	1.114,930m	
67+400,00	3370	232.418,7985	8.281.141,1237	1.111,017m	1.113,728m	
67+420,00	3371	232.436,5285	8.281.150,3782	1.109,473m	1.112,525m	
67+440,00	3372	232.454,2586	8.281.159,6327	1.108,008m	1.111,323m	
67+460,00	3373	232.471,9886	8.281.168,8873	1.106,942m	1.110,121m	
67+480,00	3374	232.489,7186	8.281.178,1418	1.106,302m	1.108,918m	
67+500,00	3375	232.507,4487	8.281.187,3963	1.105,447m	1.107,716m	
67+520,00	3376	232.525,1787	8.281.196,6508	1.104,069m	1.106,514m	
67+540,00	3377	232.542,9087	8.281.205,9053	1.102,665m	1.105,312m	
67+560,00	3378	232.560,6387	8.281.215,1598	1.101,567m	1.104,109m	
67+580,00	3379	232.578,3688	8.281.224,4143	1.100,448m	1.102,907m	
67+600,00	3380	232.596,0988	8.281.233,6688	1.099,192m	1.101,705m	
67+620,00	3381	232.613,8288	8.281.242,9233	1.097,940m	1.100,502m	
67+640,00	3382	232.631,5589	8.281.252,1778	1.096,610m	1.099,300m	
67+660,00	3383	232.649,2889	8.281.261,4324	1.095,299m	1.098,098m	
67+680,00	3384	232.667,0189	8.281.270,6869	1.094,630m	1.096,896m	
67+700,00	3385	232.684,7490	8.281.279,9414	1.093,944m	1.095,693m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
67+720,00	3386	232.702,4790	8.281.289,1959	1.092,549m	1.094,491m	
67+740,00	3387	232.720,2090	8.281.298,4504	1.091,153m	1.093,289m	
67+760,00	3388	232.737,9391	8.281.307,7049	1.090,061m	1.092,086m	
67+780,00	3389	232.755,6691	8.281.316,9594	1.088,994m	1.090,884m	
67+800,00	3390	232.773,3991	8.281.326,2139	1.088,035m	1.089,682m	
67+820,00	3391	232.791,1292	8.281.335,4684	1.087,106m	1.088,480m	
67+840,00	3392	232.808,8592	8.281.344,7230	1.086,235m	1.087,277m	
67+860,00	3393	232.826,5892	8.281.353,9775	1.085,410m	1.086,075m	
67+869,66	3393+9,66	232.835,1498	8.281.358,4458	1.084,909m	1.085,495m	PCV
67+880,00	3394	232.844,3193	8.281.363,2320	1.084,349m	1.084,882m	
67+900,00	3395	232.862,0493	8.281.372,4865	1.083,267m	1.083,752m	
67+920,00	3396	232.879,7793	8.281.381,7410	1.082,221m	1.082,693m	
67+940,00	3397	232.897,5094	8.281.390,9955	1.081,186m	1.081,704m	
67+960,00	3398	232.915,2394	8.281.400,2500	1.080,137m	1.080,787m	
67+980,00	3399	232.932,9694	8.281.409,5045	1.079,059m	1.079,940m	
68+000,00	3400	232.950,6994	8.281.418,7590	1.077,959m	1.079,164m	
68+019,66	3400+19,66	232.968,1250	8.281.427,8546	1.076,959m	1.078,470m	PIV
68+020,00	3401	232.968,4295	8.281.428,0136	1.076,941m	1.078,459m	
68+040,00	3402	232.986,1595	8.281.437,2681	1.075,981m	1.077,825m	
68+060,00	3403	233.003,8895	8.281.446,5226	1.075,033m	1.077,261m	
68+080,00	3404	233.021,6196	8.281.455,7771	1.074,024m	1.076,769m	
68+100,00	3405	233.039,3496	8.281.465,0316	1.073,738m	1.076,347m	
68+120,00	3406	233.057,0796	8.281.474,2861	1.073,659m	1.075,996m	
68+140,00	3407	233.074,8097	8.281.483,5406	1.073,904m	1.075,716m	
68+160,00	3408	233.092,5397	8.281.492,7951	1.074,165m	1.075,507m	
68+169,66	3408+9,66	233.101,1003	8.281.497,2635	1.074,246m	1.075,432m	PTV
68+180,00	3409	233.110,2697	8.281.502,0496	1.074,332m	1.075,360m	
68+200,00	3410	233.127,9998	8.281.511,3042	1.074,497m	1.075,220m	
68+220,00	3411	233.145,7298	8.281.520,5587	1.074,795m	1.075,081m	
68+240,00	3412	233.163,4598	8.281.529,8132	1.075,043m	1.074,941m	
68+260,00	3413	233.181,1899	8.281.539,0677	1.075,041m	1.074,802m	
68+280,00	3414	233.198,9199	8.281.548,3222	1.075,043m	1.074,662m	
68+300,00	3415	233.216,6499	8.281.557,5767	1.074,923m	1.074,523m	
68+320,00	3416	233.234,3800	8.281.566,8312	1.074,820m	1.074,384m	
68+340,00	3417	233.252,1100	8.281.576,0857	1.074,298m	1.074,244m	
68+360,00	3418	233.269,8400	8.281.585,3402	1.073,861m	1.074,105m	
68+374,41	3418+14,41	233.282,6164	8.281.592,0091	1.073,220m	1.074,004m	
68+380,00	3419	233.287,5582	8.281.594,6173	1.072,963m	1.073,965m	
68+400,00	3420	233.305,2459	8.281.603,9524	1.071,835m	1.073,826m	
68+420,00	3421	233.322,9336	8.281.613,2876	1.071,047m	1.073,686m	
68+440,00	3422	233.340,6213	8.281.622,6227	1.070,562m	1.073,547m	
68+451,41	3422+11,41	233.350,7092	8.281.627,9468	1.070,492m	1.073,468m	PCV
68+460,00	3423	233.358,3091	8.281.631,9579	1.070,166m	1.073,413m	
68+480,00	3424	233.375,9968	8.281.641,2930	1.070,492m	1.073,328m	
68+499,18	3424+19,18	233.392,9553	8.281.650,2433	1.070,338m	1.073,301m	
68+500,00	3425	233.393,6845	8.281.650,6282	1.070,331m	1.073,301m	
68+520,00	3426	233.411,3722	8.281.659,9633	1.070,490m	1.073,333m	
68+540,00	3427	233.429,0599	8.281.669,2985	1.070,838m	1.073,423m	

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KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
68+560,00	3428	233.446,7476	8.281.678,6336	1.071,053m	1.073,571m	
68+580,00	3429	233.464,4353	8.281.687,9688	1.071,535m	1.073,778m	
68+600,00	3430	233.482,1230	8.281.697,3039	1.072,042m	1.074,043m	
68+601,41	3430+1,41	233.483,3670	8.281.697,9604	1.072,077m	1.074,064m	PIV
68+620,00	3431	233.499,8107	8.281.706,6391	1.072,292m	1.074,366m	
68+640,00	3432	233.517,4984	8.281.715,9742	1.073,154m	1.074,748m	
68+660,00	3433	233.535,1861	8.281.725,3094	1.073,835m	1.075,188m	
68+680,00	3434	233.552,8738	8.281.734,6445	1.074,870m	1.075,687m	
68+697,69	3434+17,69	233.568,5222	8.281.742,9033	1.076,420m	1.076,177m	
68+700,00	3435	233.570,5642	8.281.743,9745	1.076,623m	1.076,244m	
68+720,00	3436	233.588,2754	8.281.753,2652	1.078,076m	1.076,859m	
68+740,00	3437	233.605,9865	8.281.762,5559	1.078,429m	1.077,533m	
68+751,41	3437+11,41	233.616,0876	8.281.767,8546	1.078,699m	1.077,943m	PTV
68+760,00	3438	233.623,6976	8.281.771,8466	1.079,033m	1.078,260m	
68+780,00	3439	233.641,4087	8.281.781,1373	1.079,744m	1.078,996m	
68+800,00	3440	233.659,1198	8.281.790,4280	1.080,456m	1.079,732m	
68+820,00	3441	233.676,8309	8.281.799,7187	1.080,952m	1.080,468m	
68+840,00	3442	233.694,5420	8.281.809,0093	1.081,475m	1.081,205m	
68+860,00	3443	233.712,2531	8.281.818,3000	1.082,400m	1.081,941m	
68+880,00	3444	233.729,9642	8.281.827,5907	1.083,108m	1.082,677m	
68+900,00	3445	233.747,6753	8.281.836,8814	1.083,902m	1.083,413m	
68+920,00	3446	233.765,3864	8.281.846,1721	1.084,508m	1.084,150m	
68+940,00	3447	233.783,0975	8.281.855,4628	1.085,382m	1.084,886m	
68+960,00	3448	233.800,8086	8.281.864,7535	1.085,900m	1.085,622m	
68+980,00	3449	233.818,5197	8.281.874,0442	1.086,388m	1.086,358m	
69+000,00	3450	233.836,2308	8.281.883,3349	1.086,621m	1.087,061m	
69+020,00	3451	233.853,9419	8.281.892,6255	1.086,792m	1.087,696m	
69+040,00	3452	233.871,6530	8.281.901,9162	1.087,253m	1.088,264m	
69+060,00	3453	233.889,3641	8.281.911,2069	1.087,595m	1.088,764m	
69+080,00	3454	233.907,0752	8.281.920,4976	1.088,023m	1.089,198m	
69+100,00	3455	233.924,7863	8.281.929,7883	1.088,360m	1.089,564m	
69+120,00	3456	233.942,4974	8.281.939,0790	1.088,473m	1.089,896m	
69+140,00	3457	233.960,2085	8.281.948,3697	1.088,603m	1.090,228m	
69+160,00	3458	233.977,9196	8.281.957,6604	1.088,777m	1.090,560m	
69+180,00	3459	233.995,6307	8.281.966,9510	1.088,952m	1.090,892m	
69+200,00	3460	234.013,3418	8.281.976,2417	1.089,257m	1.091,225m	
69+220,00	3461	234.031,0529	8.281.985,5324	1.089,737m	1.091,557m	
69+240,00	3462	234.048,7640	8.281.994,8231	1.089,955m	1.091,889m	
69+260,00	3463	234.066,4751	8.282.004,1138	1.090,136m	1.092,221m	
69+280,00	3464	234.084,1862	8.282.013,4045	1.090,319m	1.092,553m	
69+300,00	3465	234.101,8973	8.282.022,6952	1.090,502m	1.092,886m	
69+320,00	3466	234.119,6084	8.282.031,9859	1.090,685m	1.093,218m	
69+340,00	3467	234.137,3195	8.282.041,2766	1.090,973m	1.093,550m	
69+360,00	3468	234.155,0306	8.282.050,5672	1.091,276m	1.093,882m	
69+380,00	3469	234.172,7417	8.282.059,8579	1.091,555m	1.094,214m	
69+400,00	3470	234.190,4528	8.282.069,1486	1.091,794m	1.094,547m	
69+420,00	3471	234.208,1639	8.282.078,4393	1.091,935m	1.094,879m	
69+440,00	3472	234.225,8750	8.282.087,7300	1.092,064m	1.095,211m	

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KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
69+460,00	3473	234.243,5861	8.282.097,0207	1.092,514m	1.095,543m	
69+480,00	3474	234.261,2972	8.282.106,3114	1.092,959m	1.095,876m	
69+500,00	3475	234.279,0083	8.282.115,6021	1.093,324m	1.096,208m	
69+520,00	3476	234.296,7194	8.282.124,8927	1.093,710m	1.096,540m	
69+540,00	3477	234.314,4305	8.282.134,1834	1.094,246m	1.096,872m	
69+560,00	3478	234.332,1416	8.282.143,4741	1.094,802m	1.097,204m	
69+580,00	3479	234.349,8527	8.282.152,7648	1.095,391m	1.097,537m	
69+600,00	3480	234.367,5638	8.282.162,0555	1.096,054m	1.097,869m	
69+620,00	3481	234.385,2749	8.282.171,3462	1.096,787m	1.098,201m	
69+640,00	3482	234.402,9860	8.282.180,6369	1.097,509m	1.098,533m	
69+660,00	3483	234.420,6971	8.282.189,9276	1.098,150m	1.098,865m	
69+660,00	3483	234.420,6971	8.282.189,9276	1.098,150m	1.098,865m	PCV
69+680,00	3484	234.438,4082	8.282.199,2183	1.098,660m	1.099,222m	
69+700,00	3485	234.456,1193	8.282.208,5089	1.099,342m	1.099,626m	
69+720,00	3486	234.473,8304	8.282.217,7996	1.099,985m	1.100,079m	
69+740,00	3487	234.491,5415	8.282.227,0903	1.100,533m	1.100,580m	
69+760,00	3488	234.509,2526	8.282.236,3810	1.101,108m	1.101,130m	
69+760,00	3488	234.509,2526	8.282.236,3810	1.101,108m	1.101,130m	PIV
69+780,00	3489	234.526,9637	8.282.245,6717	1.101,764m	1.101,727m	
69+800,00	3490	234.544,6748	8.282.254,9624	1.102,292m	1.102,373m	
69+820,00	3491	234.562,3859	8.282.264,2531	1.102,729m	1.103,067m	
69+840,00	3492	234.580,0970	8.282.273,5438	1.103,712m	1.103,810m	
69+860,00	3493	234.597,8081	8.282.282,8344	1.104,619m	1.104,600m	
69+860,00	3493	234.597,8081	8.282.282,8344	1.104,619m	1.104,600m	PTV
69+880,00	3494	234.615,5192	8.282.292,1251	1.105,444m	1.105,415m	
69+900,00	3495	234.633,2303	8.282.301,4158	1.106,284m	1.106,230m	
69+920,00	3496	234.650,9414	8.282.310,7065	1.107,156m	1.107,044m	
69+940,00	3497	234.668,6525	8.282.319,9972	1.107,833m	1.107,859m	
69+960,00	3498	234.686,3636	8.282.329,2879	1.108,598m	1.108,674m	
69+980,00	3499	234.704,0747	8.282.338,5786	1.109,378m	1.109,489m	
70+000,00	3500	234.721,7858	8.282.347,8693	1.110,201m	1.110,303m	
70+020,00	3501	234.739,4969	8.282.357,1600	1.110,979m	1.111,118m	
70+040,00	3502	234.757,2080	8.282.366,4506	1.111,715m	1.111,933m	
70+060,00	3503	234.774,9191	8.282.375,7413	1.112,550m	1.112,748m	
70+080,00	3504	234.792,6302	8.282.385,0320	1.113,414m	1.113,562m	
70+100,00	3505	234.810,3413	8.282.394,3227	1.114,259m	1.114,377m	
70+120,00	3506	234.828,0524	8.282.403,6134	1.115,100m	1.115,192m	
70+140,00	3507	234.845,7635	8.282.412,9041	1.115,925m	1.116,007m	
70+160,00	3508	234.863,4746	8.282.422,1948	1.116,746m	1.116,821m	
70+177,66	3508+17,66	234.879,1105	8.282.430,3969	1.117,506m	1.117,541m	PCV
70+180,00	3509	234.881,1858	8.282.431,4855	1.117,614m	1.117,637m	
70+187,66	3509+7,66	234.887,9661	8.282.435,0422	1.117,969m	1.117,968m	PIV
70+197,66	3509+17,66	234.896,8216	8.282.439,6875	1.118,433m	1.118,436m	PTV
70+200,00	3510	234.898,8969	8.282.440,7761	1.118,542m	1.118,551m	
70+218,85	3510+18,85	234.915,5876	8.282.449,5316	1.119,418m	1.119,471m	PC
70+220,00	3511	234.916,6140	8.282.450,0550	1.119,472m	1.119,527m	
70+240,00	3512	234.935,8129	8.282.455,1637	1.120,457m	1.120,504m	
70+253,93	3512+13,93	234.949,6559	8.282.454,0643	1.121,148m	1.121,184m	PT

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KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
70+260,00	3513	234.955,5799	8.282.452,7485	1.121,464m	1.121,481m	
70+280,00	3514	234.975,1041	8.282.448,4119	1.122,493m	1.122,457m	
70+287,91	3514+7,91	234.982,8226	8.282.446,6975	1.122,884m	1.122,843m	PCV
70+292,91	3514+12,91	234.987,7036	8.282.445,6134	1.123,089m	1.123,063m	PIV
70+297,91	3514+17,91	234.992,5847	8.282.444,5292	1.123,238m	1.123,233m	PTV
70+300,00	3515	234.994,6283	8.282.444,0753	1.123,300m	1.123,295m	
70+302,66	3515+2,66	234.997,2217	8.282.443,4993	1.123,367m	1.123,372m	PCV
70+303,23	3515+3,23	234.997,7780	8.282.443,3757	1.123,376m	1.123,388m	PC
70+307,66	3515+7,66	235.002,1578	8.282.442,7373	1.123,450m	1.123,483m	PIV
70+312,66	3515+12,66	235.007,1516	8.282.442,7995	1.123,551m	1.123,525m	PTV
70+320,00	3516	235.014,3031	8.282.444,3849	1.124,077m	1.123,536m	
70+333,46	3516+13,46	235.025,5786	8.282.451,5316	1.124,704m	1.123,555m	PT
70+340,00	3517	235.030,1834	8.282.456,1724	1.124,952m	1.123,564m	
70+357,72	3517+17,72	235.042,6671	8.282.468,7537	1.125,570m	1.123,590m	PC
70+360,00	3518	235.044,2345	8.282.470,4041	1.125,648m	1.123,593m	
70+377,66	3518+17,66	235.053,6866	8.282.485,2173	1.126,256m	1.123,619m	PCV
70+380,00	3519	235.054,5462	8.282.487,3971	1.126,311m	1.123,623m	
70+397,66	3519+17,66	235.057,7498	8.282.504,6745	1.126,201m	1.123,707m	PIV
70+400,00	3520	235.057,7288	8.282.507,0176	1.126,176m	1.123,725m	
70+417,66	3520+17,66	235.054,2158	8.282.524,2347	1.125,839m	1.123,913m	PTV
70+420,00	3521	235.053,3172	8.282.526,3988	1.125,592m	1.123,944m	
70+430,04	3521+10,04	235.048,4002	8.282.535,1346	1.124,939m	1.124,078m	PCC
70+440,00	3522	235.043,5496	8.282.543,8147	1.125,288m	1.124,210m	
70+460,00	3523	235.039,4081	8.282.563,2451	1.125,253m	1.124,476m	
70+471,51	3523+11,51	235.040,6138	8.282.574,6700	1.125,243m	1.124,629m	PT
70+480,00	3524	235.042,4680	8.282.582,9512	1.125,480m	1.124,741m	
70+500,00	3525	235.046,8380	8.282.602,4680	1.125,756m	1.125,007m	
70+520,00	3526	235.051,2080	8.282.621,9847	1.125,980m	1.125,273m	
70+540,00	3527	235.055,5780	8.282.641,5015	1.126,380m	1.125,538m	
70+560,00	3528	235.059,9480	8.282.661,0182	1.127,019m	1.125,804m	
70+580,00	3529	235.064,3180	8.282.680,5349	1.127,485m	1.126,069m	
70+600,00	3530	235.068,6880	8.282.700,0517	1.127,719m	1.126,335m	
70+620,00	3531	235.073,0579	8.282.719,5684	1.127,978m	1.126,601m	
70+640,00	3532	235.077,4279	8.282.739,0852	1.128,247m	1.126,866m	
70+660,00	3533	235.081,7979	8.282.758,6019	1.128,468m	1.127,132m	
70+680,00	3534	235.086,1679	8.282.778,1186	1.128,574m	1.127,398m	
70+700,00	3535	235.090,5379	8.282.797,6354	1.128,613m	1.127,663m	
70+720,00	3536	235.094,9079	8.282.817,1521	1.128,770m	1.127,929m	
70+740,00	3537	235.099,2779	8.282.836,6689	1.128,972m	1.128,195m	
70+760,00	3538	235.103,6478	8.282.856,1856	1.129,229m	1.128,460m	
70+780,00	3539	235.108,0178	8.282.875,7024	1.129,492m	1.128,726m	
70+800,00	3540	235.112,3878	8.282.895,2191	1.129,737m	1.128,992m	
70+820,00	3541	235.116,7578	8.282.914,7358	1.130,048m	1.129,257m	
70+840,00	3542	235.121,1278	8.282.934,2526	1.130,339m	1.129,523m	
70+860,00	3543	235.125,4978	8.282.953,7693	1.130,583m	1.129,788m	
70+880,00	3544	235.129,8677	8.282.973,2861	1.130,859m	1.130,054m	
70+900,00	3545	235.134,2377	8.282.992,8028	1.131,173m	1.130,320m	
70+920,00	3546	235.138,6077	8.283.012,3196	1.131,486m	1.130,585m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
70+940,00	3547	235.142,9777	8.283.031,8363	1.131,775m	1.130,851m	
70+960,00	3548	235.147,3477	8.283.051,3530	1.131,987m	1.131,117m	
70+980,00	3549	235.151,7177	8.283.070,8698	1.132,203m	1.131,382m	
71+000,00	3550	235.156,0877	8.283.090,3865	1.132,548m	1.131,648m	
71+020,00	3551	235.160,4576	8.283.109,9033	1.132,850m	1.131,914m	
71+040,00	3552	235.164,8276	8.283.129,4200	1.133,048m	1.132,179m	
71+060,00	3553	235.169,1976	8.283.148,9368	1.133,274m	1.132,445m	
71+080,00	3554	235.173,5676	8.283.168,4535	1.133,595m	1.132,711m	
71+100,00	3555	235.177,9376	8.283.187,9702	1.134,020m	1.132,976m	
71+120,00	3556	235.182,3076	8.283.207,4870	1.134,386m	1.133,242m	
71+140,00	3557	235.186,6776	8.283.227,0037	1.134,662m	1.133,507m	
71+160,00	3558	235.191,0475	8.283.246,5205	1.135,015m	1.133,773m	
71+180,00	3559	235.195,4175	8.283.266,0372	1.135,375m	1.134,039m	
71+187,66	3559+7,66	235.197,0905	8.283.273,5088	1.135,499m	1.134,140m	PCV
71+200,00	3560	235.199,7875	8.283.285,5539	1.135,699m	1.134,317m	
71+220,00	3561	235.204,1575	8.283.305,0707	1.136,108m	1.134,655m	
71+237,66	3561+17,66	235.208,0154	8.283.322,3006	1.136,425m	1.135,007m	PIV
71+240,00	3562	235.208,5275	8.283.324,5874	1.136,461m	1.135,058m	
71+260,00	3563	235.212,8975	8.283.344,1042	1.136,506m	1.135,525m	
71+280,00	3564	235.217,2674	8.283.363,6209	1.136,292m	1.136,058m	
71+287,66	3564+7,66	235.218,9404	8.283.371,0925	1.136,447m	1.136,279m	PTV
71+300,00	3565	235.221,6374	8.283.383,1377	1.136,729m	1.136,643m	
71+320,00	3566	235.226,0074	8.283.402,6544	1.137,804m	1.137,232m	
71+340,00	3567	235.230,3774	8.283.422,1711	1.138,903m	1.137,822m	
71+360,00	3568	235.234,7474	8.283.441,6879	1.139,708m	1.138,412m	
71+380,00	3569	235.239,1174	8.283.461,2046	1.140,231m	1.139,001m	
71+400,00	3570	235.243,4874	8.283.480,7214	1.140,931m	1.139,591m	
71+420,00	3571	235.247,8573	8.283.500,2381	1.141,407m	1.140,181m	
71+440,00	3572	235.252,2273	8.283.519,7549	1.142,046m	1.140,770m	
71+460,00	3573	235.256,5973	8.283.539,2716	1.142,692m	1.141,360m	
71+480,00	3574	235.260,9673	8.283.558,7883	1.143,327m	1.141,950m	
71+500,00	3575	235.265,3373	8.283.578,3051	1.144,113m	1.142,539m	
71+520,00	3576	235.269,7073	8.283.597,8218	1.144,786m	1.143,129m	
71+540,00	3577	235.274,0773	8.283.617,3386	1.145,489m	1.143,719m	
71+542,16	3577+2,16	235.274,5485	8.283.619,4430	1.145,574m	1.143,782m	PCV
71+560,00	3578	235.278,4472	8.283.636,8553	1.146,288m	1.144,337m	
71+580,00	3579	235.282,8172	8.283.656,3721	1.147,062m	1.145,027m	
71+592,16	3579+12,16	235.285,4734	8.283.668,2349	1.147,545m	1.145,481m	PIV
71+600,00	3580	235.287,1872	8.283.675,8888	1.147,858m	1.145,788m	
71+620,00	3581	235.291,5572	8.283.695,4055	1.148,677m	1.146,622m	
71+640,00	3582	235.295,9272	8.283.714,9223	1.149,535m	1.147,528m	
71+642,16	3582+2,16	235.296,3984	8.283.717,0267	1.149,626m	1.147,630m	PTV
71+660,00	3583	235.300,2972	8.283.734,4390	1.150,384m	1.148,477m	
71+680,00	3584	235.304,6671	8.283.753,9558	1.151,162m	1.149,426m	
71+700,00	3585	235.309,0371	8.283.773,4725	1.151,898m	1.150,375m	
71+703,66	3585+3,66	235.309,8361	8.283.777,0407	1.152,066m	1.150,549m	PCV
71+720,00	3586	235.313,4071	8.283.792,9892	1.152,809m	1.151,274m	
71+723,66	3586+3,66	235.314,2061	8.283.796,5575	1.152,956m	1.151,422m	PIV

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
71+740,00	3587	235.317,7771	8.283.812,5060	1.153,614m	1.152,021m	
71+743,66	3587+3,66	235.318,5761	8.283.816,0742	1.153,709m	1.152,141m	PTV
71+750,66	3587+10,66	235.320,1058	8.283.822,9063	1.153,889m	1.152,367m	PC
71+760,00	3588	235.322,3427	8.283.831,9760	1.154,136m	1.152,667m	
71+772,51	3588+12,51	235.325,9441	8.283.843,9510	1.154,623m	1.153,069m	PCV
71+780,00	3589	235.328,4304	8.283.851,0195	1.154,958m	1.153,324m	
71+792,51	3589+12,51	235.333,1188	8.283.862,6122	1.155,534m	1.153,811m	PIV
71+800,00	3590	235.336,2451	8.283.869,4219	1.155,892m	1.154,140m	
71+812,51	3590+12,51	235.341,9804	8.283.880,5339	1.156,511m	1.154,751m	PTV
71+820,00	3591	235.345,7202	8.283.887,0270	1.156,895m	1.155,140m	
71+840,00	3592	235.356,7754	8.283.903,6853	1.157,928m	1.156,178m	
71+860,00	3593	235.369,3169	8.283.919,2554	1.159,000m	1.157,216m	
71+880,00	3594	235.383,2381	8.283.933,6052	1.160,055m	1.158,254m	
71+900,00	3595	235.398,4209	8.283.946,6129	1.161,093m	1.159,292m	
71+920,00	3596	235.414,7365	8.283.958,1679	1.161,973m	1.160,330m	
71+940,00	3597	235.432,0463	8.283.968,1723	1.163,061m	1.161,368m	
71+960,00	3598	235.450,2033	8.283.976,5412	1.164,535m	1.162,407m	
71+967,66	3598+7,66	235.457,3465	8.283.979,2967	1.164,973m	1.162,804m	PCV
71+980,00	3599	235.469,0536	8.283.983,2034	1.165,661m	1.163,467m	
71+997,66	3599+17,66	235.486,1435	8.283.987,6211	1.166,636m	1.164,492m	PIV
72+000,00	3600	235.488,4370	8.283.988,1024	1.166,743m	1.164,635m	
72+020,00	3601	235.508,1890	8.283.991,1967	1.167,719m	1.165,920m	
72+027,66	3601+7,66	235.515,8130	8.283.991,8976	1.168,077m	1.166,442m	PTV
72+040,00	3602	235.528,1420	8.283.992,4600	1.168,640m	1.167,299m	
72+043,24	3602+3,24	235.531,3777	8.283.992,4914	1.168,786m	1.167,523m	PT
72+047,66	3602+7,66	235.535,7984	8.283.992,5012	1.168,984m	1.167,830m	PCV
72+060,00	3603	235.548,1418	8.283.992,5288	1.169,537m	1.168,645m	
72+067,66	3603+7,66	235.555,7983	8.283.992,5459	1.169,880m	1.169,108m	PIV
72+080,00	3604	235.568,1417	8.283.992,5735	1.170,456m	1.169,788m	
72+087,66	3604+7,66	235.575,7983	8.283.992,5906	1.170,815m	1.170,169m	PTV
72+100,00	3605	235.588,1417	8.283.992,6181	1.171,354m	1.170,756m	
72+109,15	3605+9,15	235.597,2906	8.283.992,6385	1.171,867m	1.171,191m	PC
72+112,66	3605+12,66	235.600,7972	8.283.992,7147	1.171,972m	1.171,358m	PCV
72+117,66	3605+17,66	235.605,7846	8.283.993,0593	1.172,132m	1.171,602m	PIV
72+120,00	3606	235.608,1139	8.283.993,3160	1.172,212m	1.171,722m	
72+122,66	3606+2,66	235.610,7453	8.283.993,6803	1.172,306m	1.171,862m	PTV
72+127,66	3606+7,66	235.615,6638	8.283.994,5758	1.172,514m	1.172,128m	PCV
72+129,51	3606+9,51	235.617,4751	8.283.994,9774	1.172,593m	1.172,227m	PT
72+140,00	3607	235.627,6906	8.283.997,3530	1.173,106m	1.172,780m	
72+151,86	3607+11,86	235.639,2382	8.284.000,0384	1.173,772m	1.173,396m	PC
72+160,00	3608	235.647,2434	8.284.001,5219	1.174,192m	1.173,814m	
72+172,22	3608+12,22	235.659,4227	8.284.002,3773	1.174,835m	1.174,432m	PT
72+177,66	3608+17,66	235.664,8606	8.284.002,3894	1.175,089m	1.174,703m	PIV
72+180,00	3609	235.667,2040	8.284.002,3947	1.175,173m	1.174,820m	
72+200,00	3610	235.687,2039	8.284.002,4393	1.175,884m	1.175,797m	
72+220,00	3611	235.707,2039	8.284.002,4840	1.176,600m	1.176,746m	
72+227,66	3611+7,66	235.714,8604	8.284.002,5011	1.176,884m	1.177,102m	PTV
72+237,66	3611+17,66	235.724,8604	8.284.002,5234	1.177,255m	1.177,564m	PCV

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
72+240,00	3612	235.727,2038	8.284.002,5286	1.177,342m	1.177,670m	
72+247,66	3612+7,66	235.734,8604	8.284.002,5457	1.177,613m	1.177,973m	PIV
72+257,66	3612+17,66	235.744,8604	8.284.002,5680	1.177,954m	1.178,276m	PTV
72+260,00	3613	235.747,2038	8.284.002,5733	1.178,054m	1.178,334m	
72+264,05	3613+4,05	235.751,2580	8.284.002,5823	1.178,173m	1.178,435m	PC
72+280,00	3614	235.767,1744	8.284.001,7538	1.178,552m	1.178,833m	
72+300,00	3615	235.786,8563	8.283.998,2888	1.179,156m	1.179,331m	
72+305,08	3615+5,08	235.791,7695	8.283.996,9839	1.179,306m	1.179,458m	PT
72+305,17	3615+5,17	235.791,8558	8.283.996,9594	1.179,309m	1.179,460m	PC
72+320,00	3616	235.805,9643	8.283.992,4113	1.179,734m	1.179,830m	
72+340,00	3617	235.824,4252	8.283.984,7367	1.179,999m	1.180,328m	
72+360,00	3618	235.842,0810	8.283.975,3572	1.180,322m	1.180,827m	
72+380,00	3619	235.858,7748	8.283.964,3563	1.180,544m	1.181,325m	
72+387,80	3619+7,80	235.864,9884	8.283.959,6501	1.180,658m	1.181,520m	PT
72+387,83	3619+7,83	235.865,0163	8.283.959,6282	1.180,658m	1.181,520m	PC
72+400,00	3620	235.874,2584	8.283.951,7165	1.180,853m	1.181,824m	
72+420,00	3621	235.887,9300	8.283.937,1401	1.180,774m	1.182,322m	
72+427,66	3621+7,66	235.892,6196	8.283.931,0890	1.180,681m	1.182,513m	PCV
72+433,56	3621+13,56	235.896,0177	8.283.926,2599	1.180,607m	1.182,650m	PT
72+433,64	3621+13,64	235.896,0605	8.283.926,1963	1.180,606m	1.182,652m	PC
72+440,00	3622	235.899,6621	8.283.920,9525	1.180,565m	1.182,776m	
72+447,66	3622+7,66	235.904,1176	8.283.914,7260	1.180,609m	1.182,893m	PIV
72+460,00	3623	235.911,5732	8.283.904,8893	1.180,708m	1.183,010m	
72+467,66	3623+7,66	235.916,3638	8.283.898,9169	1.180,731m	1.183,037m	PTV
72+480,00	3624	235.924,3484	8.283.889,5045	1.180,872m	1.183,053m	
72+500,00	3625	235.937,9492	8.283.874,8444	1.180,817m	1.183,079m	
72+520,00	3626	235.952,3346	8.283.860,9534	1.180,805m	1.183,105m	
72+540,00	3627	235.967,4611	8.283.847,8734	1.181,183m	1.183,130m	
72+560,00	3628	235.983,2831	8.283.835,6438	1.181,440m	1.183,156m	
72+577,01	3628+17,01	235.997,2485	8.283.825,9413	1.181,289m	1.183,178m	PCV
72+579,52	3628+19,52	235.999,3509	8.283.824,5628	1.181,242m	1.183,182m	PT
72+580,00	3629	235.999,7527	8.283.824,3013	1.181,231m	1.183,182m	
72+600,00	3630	236.016,5156	8.283.813,3923	1.181,098m	1.183,266m	
72+612,01	3630+12,01	236.026,5788	8.283.806,8433	1.181,203m	1.183,358m	PIV
72+620,00	3631	236.033,2784	8.283.802,4833	1.181,240m	1.183,437m	
72+640,00	3632	236.050,0413	8.283.791,5743	1.181,369m	1.183,697m	
72+647,01	3632+7,01	236.055,9138	8.283.787,7526	1.181,499m	1.183,809m	PTV
72+656,31	3632+16,31	236.063,7090	8.283.782,6796	1.181,485m	1.183,964m	PC
72+660,00	3633	236.066,8446	8.283.780,7294	1.181,485m	1.184,026m	
72+662,66	3633+2,66	236.069,1485	8.283.779,4068	1.181,484m	1.184,071m	PCV
72+674,65	3633+14,65	236.079,9927	8.283.774,3049	1.181,551m	1.184,171m	PB
72+677,66	3633+17,66	236.082,8103	8.283.773,2559	1.181,579m	1.184,165m	PIV
72+680,00	3634	236.085,0297	8.283.772,5039	1.181,595m	1.184,151m	
72+689,22	3634+9,22	236.093,9265	8.283.770,1136	1.181,660m	1.184,023m	PT
72+692,66	3634+12,66	236.097,2903	8.283.769,3922	1.181,677m	1.183,945m	PTV
72+700,00	3635	236.104,4704	8.283.767,8522	1.181,707m	1.183,760m	
72+717,66	3635+17,66	236.121,7344	8.283.764,1496	1.181,631m	1.183,316m	PCV
72+720,00	3636	236.124,0257	8.283.763,6582	1.181,632m	1.183,257m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
72+737,66	3636+17,66	236.141,2897	8.283.759,9556	1.181,608m	1.182,770m	PIV
72+740,00	3637	236.143,5811	8.283.759,4642	1.181,599m	1.182,701m	
72+757,66	3637+17,66	236.160,8451	8.283.755,7616	1.181,516m	1.182,139m	PTV
72+760,00	3638	236.163,1364	8.283.755,2702	1.181,502m	1.182,060m	
72+780,00	3639	236.182,6917	8.283.751,0762	1.181,337m	1.181,385m	
72+792,66	3639+12,66	236.195,0669	8.283.748,4221	1.181,184m	1.180,958m	PCV
72+800,00	3640	236.202,2470	8.283.746,8822	1.181,421m	1.180,724m	
72+807,66	3640+7,66	236.209,7333	8.283.745,2766	1.181,667m	1.180,510m	PIV
72+820,00	3641	236.221,8023	8.283.742,6882	1.181,659m	1.180,229m	
72+822,66	3641+2,66	236.224,3998	8.283.742,1311	1.181,605m	1.180,179m	PTV
72+840,00	3642	236.241,3576	8.283.738,4942	1.181,213m	1.179,863m	
72+860,00	3643	236.260,9129	8.283.734,3002	1.180,901m	1.179,498m	
72+880,00	3644	236.280,4683	8.283.730,1062	1.180,610m	1.179,134m	
72+900,00	3645	236.300,0236	8.283.725,9122	1.180,891m	1.178,769m	
72+920,00	3646	236.319,5789	8.283.721,7181	1.180,178m	1.178,405m	
72+920,81	3646+0,81	236.320,3675	8.283.721,5490	1.180,115m	1.178,390m	PCV
72+940,00	3647	236.339,1342	8.283.717,5241	1.179,244m	1.178,020m	
72+960,00	3648	236.358,6895	8.283.713,3301	1.178,724m	1.177,590m	
72+980,00	3649	236.378,2448	8.283.709,1361	1.178,263m	1.177,115m	
73+000,00	3650	236.397,8001	8.283.704,9421	1.177,602m	1.176,596m	
73+020,00	3651	236.417,3555	8.283.700,7481	1.176,930m	1.176,032m	
73+020,81	3651+0,81	236.418,1441	8.283.700,5790	1.176,904m	1.176,009m	PIV
73+040,00	3652	236.436,9108	8.283.696,5541	1.176,171m	1.175,424m	
73+060,00	3653	236.456,4661	8.283.692,3601	1.175,477m	1.174,771m	
73+080,00	3654	236.476,0214	8.283.688,1661	1.174,972m	1.174,073m	
73+100,00	3655	236.495,5767	8.283.683,9721	1.174,370m	1.173,330m	
73+120,00	3656	236.515,1320	8.283.679,7781	1.173,492m	1.172,542m	
73+120,81	3656+0,81	236.515,9207	8.283.679,6089	1.173,455m	1.172,510m	PTV
73+140,00	3657	236.534,6873	8.283.675,5841	1.172,636m	1.171,731m	
73+160,00	3658	236.554,2427	8.283.671,3901	1.171,994m	1.170,919m	
73+180,00	3659	236.573,7980	8.283.667,1960	1.171,252m	1.170,108m	
73+200,00	3660	236.593,3533	8.283.663,0020	1.170,208m	1.169,296m	
73+220,00	3661	236.612,9086	8.283.658,8080	1.169,324m	1.168,484m	
73+240,00	3662	236.632,4639	8.283.654,6140	1.168,495m	1.167,673m	
73+260,00	3663	236.652,0192	8.283.650,4200	1.168,729m	1.166,861m	
73+280,00	3664	236.671,5745	8.283.646,2260	1.168,065m	1.166,050m	
73+300,00	3665	236.691,1298	8.283.642,0320	1.165,988m	1.165,238m	
73+320,00	3666	236.710,6852	8.283.637,8380	1.165,048m	1.164,426m	
73+340,00	3667	236.730,2405	8.283.633,6440	1.164,189m	1.163,615m	
73+360,00	3668	236.749,7958	8.283.629,4500	1.163,350m	1.162,803m	
73+380,00	3669	236.769,3511	8.283.625,2560	1.163,315m	1.161,992m	
73+400,00	3670	236.788,9064	8.283.621,0620	1.162,734m	1.161,180m	
73+420,00	3671	236.808,4617	8.283.616,8679	1.161,208m	1.160,368m	
73+440,00	3672	236.828,0170	8.283.612,6739	1.160,442m	1.159,557m	
73+457,66	3672+17,66	236.845,2810	8.283.608,9713	1.159,952m	1.158,840m	PCV
73+460,00	3673	236.847,5724	8.283.608,4799	1.159,837m	1.158,746m	
73+480,00	3674	236.867,1277	8.283.604,2859	1.158,887m	1.157,972m	
73+500,00	3675	236.886,6830	8.283.600,0919	1.158,220m	1.157,261m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
73+520,00	3676	236.906,2383	8.283.595,8979	1.157,505m	1.156,613m	
73+540,00	3677	236.925,7936	8.283.591,7039	1.156,860m	1.156,026m	
73+557,66	3677+17,66	236.943,0576	8.283.588,0013	1.156,306m	1.155,560m	PIV
73+560,00	3678	236.945,3489	8.283.587,5099	1.156,234m	1.155,502m	
73+580,00	3679	236.964,9042	8.283.583,3159	1.155,679m	1.155,040m	
73+600,00	3680	236.984,4596	8.283.579,1219	1.155,233m	1.154,640m	
73+620,00	3681	237.004,0149	8.283.574,9279	1.154,778m	1.154,302m	
73+640,00	3682	237.023,5702	8.283.570,7339	1.154,444m	1.154,027m	
73+657,66	3682+17,66	237.040,8342	8.283.567,0313	1.153,976m	1.153,835m	PTV
73+660,00	3683	237.043,1255	8.283.566,5399	1.153,925m	1.153,813m	
73+680,00	3684	237.062,6808	8.283.562,3458	1.153,691m	1.153,624m	
73+700,00	3685	237.082,2361	8.283.558,1518	1.153,485m	1.153,434m	
73+720,00	3686	237.101,7914	8.283.553,9578	1.153,406m	1.153,245m	
73+740,00	3687	237.121,3468	8.283.549,7638	1.153,083m	1.153,055m	
73+760,00	3688	237.140,9021	8.283.545,5698	1.152,873m	1.152,866m	
73+780,00	3689	237.160,4574	8.283.541,3758	1.152,348m	1.152,676m	
73+800,00	3690	237.180,0127	8.283.537,1818	1.152,108m	1.152,487m	
73+820,00	3691	237.199,5680	8.283.532,9878	1.152,076m	1.152,298m	
73+840,00	3692	237.219,1233	8.283.528,7938	1.152,288m	1.152,108m	
73+860,00	3693	237.238,6786	8.283.524,5998	1.152,629m	1.151,919m	
73+880,00	3694	237.258,2339	8.283.520,4058	1.152,755m	1.151,729m	
73+900,00	3695	237.277,7893	8.283.516,2118	1.152,695m	1.151,540m	
73+920,00	3696	237.297,3446	8.283.512,0178	1.152,648m	1.151,351m	
73+940,00	3697	237.316,8999	8.283.507,8237	1.152,470m	1.151,161m	
73+945,66	3697+5,66	237.322,4307	8.283.506,6376	1.152,355m	1.151,108m	PCV
73+960,00	3698	237.336,4552	8.283.503,6297	1.152,071m	1.150,954m	
73+980,00	3699	237.356,0105	8.283.499,4357	1.151,664m	1.150,680m	
74+000,00	3700	237.375,5658	8.283.495,2417	1.151,181m	1.150,337m	
74+020,00	3701	237.395,1211	8.283.491,0477	1.150,722m	1.149,925m	
74+040,00	3702	237.414,6765	8.283.486,8537	1.150,172m	1.149,444m	
74+060,00	3703	237.434,2318	8.283.482,6597	1.149,580m	1.148,893m	
74+080,00	3704	237.453,7871	8.283.478,4657	1.148,764m	1.148,274m	
74+100,00	3705	237.473,3424	8.283.474,2717	1.147,942m	1.147,585m	
74+100,66	3705+0,66	237.473,9844	8.283.474,1340	1.147,915m	1.147,561m	PIV
74+120,00	3706	237.492,8977	8.283.470,0777	1.147,086m	1.146,827m	
74+140,00	3707	237.512,4530	8.283.465,8837	1.146,237m	1.145,999m	
74+160,00	3708	237.532,0083	8.283.461,6897	1.145,303m	1.145,102m	
74+180,00	3709	237.551,5637	8.283.457,4956	1.144,235m	1.144,137m	
74+200,00	3710	237.571,1190	8.283.453,3016	1.143,877m	1.143,102m	
74+220,00	3711	237.590,6743	8.283.449,1076	1.143,571m	1.141,997m	
74+240,00	3712	237.610,2296	8.283.444,9136	1.141,832m	1.140,824m	
74+255,66	3712+15,66	237.625,5381	8.283.441,6304	1.141,077m	1.139,857m	PTV
74+260,00	3713	237.629,7849	8.283.440,7196	1.141,115m	1.139,583m	
74+280,00	3714	237.649,3402	8.283.436,5256	1.140,404m	1.138,320m	
74+300,00	3715	237.668,8955	8.283.432,3316	1.138,493m	1.137,058m	
74+312,99	3715+12,99	237.681,5981	8.283.429,6073	1.137,710m	1.136,238m	
74+320,00	3716	237.688,4171	8.283.427,9880	1.137,322m	1.135,796m	
74+340,00	3717	237.707,8759	8.283.423,3672	1.136,296m	1.134,534m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
74+360,00	3718	237.727,3348	8.283.418,7463	1.135,108m	1.133,271m	
74+380,00	3719	237.746,7937	8.283.414,1255	1.133,922m	1.132,009m	
74+400,00	3720	237.766,2526	8.283.409,5047	1.132,268m	1.130,747m	
74+420,00	3721	237.785,7114	8.283.404,8838	1.130,154m	1.129,484m	
74+440,00	3722	237.805,1703	8.283.400,2630	1.128,366m	1.128,222m	
74+460,00	3723	237.824,6292	8.283.395,6422	1.127,081m	1.126,960m	
74+476,16	3723+16,16	237.840,3486	8.283.391,9093	1.125,888m	1.125,940m	PCV
74+480,00	3724	237.844,0881	8.283.391,0213	1.125,609m	1.125,699m	
74+500,00	3725	237.863,5469	8.283.386,4005	1.124,491m	1.124,508m	
74+520,00	3726	237.883,0058	8.283.381,7797	1.123,437m	1.123,420m	
74+540,00	3727	237.902,4647	8.283.377,1588	1.122,078m	1.122,435m	
74+560,00	3728	237.921,9236	8.283.372,5380	1.120,767m	1.121,552m	
74+580,00	3729	237.941,3825	8.283.367,9172	1.119,797m	1.120,773m	
74+591,16	3729+11,16	237.952,2372	8.283.365,3395	1.119,205m	1.120,383m	PIV
74+600,00	3730	237.960,8413	8.283.363,2963	1.118,584m	1.120,096m	
74+620,00	3731	237.980,3002	8.283.358,6755	1.118,202m	1.119,522m	
74+640,00	3732	237.999,7591	8.283.354,0547	1.116,923m	1.119,051m	
74+660,00	3733	238.019,2180	8.283.349,4338	1.117,160m	1.118,683m	
74+680,00	3734	238.038,6768	8.283.344,8130	1.116,819m	1.118,418m	
74+700,00	3735	238.058,1357	8.283.340,1922	1.116,440m	1.118,256m	
74+706,16	3735+6,16	238.064,1257	8.283.338,7697	1.116,307m	1.118,227m	PTV
74+720,00	3736	238.077,5946	8.283.335,5713	1.116,359m	1.118,172m	
74+740,00	3737	238.097,0535	8.283.330,9505	1.116,531m	1.118,093m	
74+760,00	3738	238.116,5123	8.283.326,3296	1.116,385m	1.118,014m	
74+780,00	3739	238.135,9712	8.283.321,7088	1.116,390m	1.117,934m	
74+800,00	3740	238.155,4301	8.283.317,0880	1.116,702m	1.117,855m	
74+820,00	3741	238.174,8890	8.283.312,4671	1.116,540m	1.117,776m	
74+837,66	3741+17,66	238.192,0678	8.283.308,3877	1.116,530m	1.117,706m	PCV
74+840,00	3742	238.194,3479	8.283.307,8463	1.116,533m	1.117,697m	
74+860,00	3743	238.213,8067	8.283.303,2255	1.116,603m	1.117,632m	
74+880,00	3744	238.233,2656	8.283.298,6046	1.116,675m	1.117,589m	
74+900,00	3745	238.252,7245	8.283.293,9838	1.116,679m	1.117,569m	
74+907,93	3745+7,93	238.260,4375	8.283.292,1522	1.116,693m	1.117,567m	
74+920,00	3746	238.272,1834	8.283.289,3630	1.116,798m	1.117,571m	
74+927,66	3746+7,66	238.279,6328	8.283.287,5940	1.116,857m	1.117,578m	PIV
74+940,00	3747	238.291,6422	8.283.284,7421	1.116,888m	1.117,596m	
74+960,00	3748	238.311,1011	8.283.280,1213	1.116,911m	1.117,643m	
74+980,00	3749	238.330,5600	8.283.275,5005	1.117,573m	1.117,713m	
75+000,00	3750	238.350,0189	8.283.270,8796	1.116,794m	1.117,806m	
75+017,66	3750+17,66	238.367,1977	8.283.266,8002	1.116,899m	1.117,906m	PTV
75+020,00	3751	238.369,4777	8.283.266,2588	1.116,914m	1.117,921m	
75+040,00	3752	238.388,9366	8.283.261,6380	1.117,073m	1.118,044m	
75+060,00	3753	238.408,3955	8.283.257,0171	1.117,340m	1.118,168m	
75+080,00	3754	238.427,8544	8.283.252,3963	1.117,480m	1.118,292m	
75+100,00	3755	238.447,3132	8.283.247,7754	1.117,443m	1.118,415m	
75+120,00	3756	238.466,7721	8.283.243,1546	1.117,530m	1.118,539m	
75+131,41	3756+11,41	238.477,8701	8.283.240,5192	1.117,615m	1.118,609m	PCV
75+140,00	3757	238.486,2310	8.283.238,5338	1.117,648m	1.118,659m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
75+160,00	3758	238.505,6899	8.283.233,9129	1.117,834m	1.118,746m	
75+180,00	3759	238.525,1488	8.283.229,2921	1.117,511m	1.118,793m	
75+194,15	3759+14,15	238.538,9195	8.283.226,0220	1.117,197m	1.118,803m	PB
75+200,00	3760	238.544,6076	8.283.224,6713	1.117,223m	1.118,801m	
75+201,41	3760+1,41	238.545,9761	8.283.224,3463	1.117,229m	1.118,801m	PIV
75+220,00	3761	238.564,0665	8.283.220,0504	1.117,246m	1.118,770m	
75+240,00	3762	238.583,5254	8.283.215,4296	1.118,060m	1.118,700m	
75+260,00	3763	238.602,9843	8.283.210,8088	1.117,889m	1.118,590m	
75+271,41	3763+11,41	238.614,0822	8.283.208,1734	1.117,756m	1.118,509m	PTV
75+280,00	3764	238.622,4431	8.283.206,1879	1.117,454m	1.118,444m	
75+300,00	3765	238.641,9020	8.283.201,5671	1.117,539m	1.118,292m	
75+320,00	3766	238.661,3609	8.283.196,9463	1.117,242m	1.118,139m	
75+340,00	3767	238.680,8198	8.283.192,3254	1.116,646m	1.117,987m	
75+360,00	3768	238.700,2786	8.283.187,7046	1.116,784m	1.117,835m	
75+380,00	3769	238.719,7375	8.283.183,0838	1.116,879m	1.117,683m	
75+400,00	3770	238.739,1964	8.283.178,4629	1.116,614m	1.117,531m	
75+420,00	3771	238.758,6553	8.283.173,8421	1.116,235m	1.117,378m	
75+440,00	3772	238.778,1142	8.283.169,2212	1.115,276m	1.117,226m	
75+460,00	3773	238.797,5730	8.283.164,6004	1.114,515m	1.117,074m	
75+480,00	3774	238.817,0319	8.283.159,9796	1.114,673m	1.116,922m	
75+500,00	3775	238.836,4908	8.283.155,3587	1.115,105m	1.116,770m	
75+520,00	3776	238.855,9497	8.283.150,7379	1.115,668m	1.116,618m	
75+540,00	3777	238.875,4085	8.283.146,1171	1.115,118m	1.116,465m	
75+560,00	3778	238.894,8674	8.283.141,4962	1.114,071m	1.116,313m	
75+567,66	3778+7,66	238.902,3168	8.283.139,7272	1.113,804m	1.116,255m	PCV
75+580,00	3779	238.914,3263	8.283.136,8754	1.113,545m	1.116,162m	
75+600,00	3780	238.933,7852	8.283.132,2546	1.113,302m	1.116,018m	
75+617,66	3780+17,66	238.950,9640	8.283.128,1752	1.113,433m	1.115,896m	PIV
75+620,00	3781	238.953,2440	8.283.127,6337	1.113,496m	1.115,881m	
75+640,00	3782	238.972,7029	8.283.123,0129	1.114,862m	1.115,751m	
75+660,00	3783	238.992,1618	8.283.118,3921	1.115,124m	1.115,627m	
75+667,66	3783+7,66	238.999,6112	8.283.116,6231	1.114,828m	1.115,582m	PTV
75+680,00	3784	239.011,6207	8.283.113,7712	1.115,076m	1.115,510m	
75+700,00	3785	239.031,0795	8.283.109,1504	1.115,217m	1.115,393m	
75+720,00	3786	239.050,5384	8.283.104,5296	1.115,006m	1.115,276m	
75+740,00	3787	239.069,9973	8.283.099,9087	1.114,875m	1.115,159m	
75+755,16	3787+15,16	239.084,7438	8.283.096,4069	1.114,852m	1.115,071m	PCV
75+760,00	3788	239.089,4562	8.283.095,2879	1.114,847m	1.115,043m	
75+780,00	3789	239.108,9151	8.283.090,6671	1.114,777m	1.114,929m	
75+800,00	3790	239.128,3739	8.283.086,0462	1.114,636m	1.114,821m	
75+805,16	3790+5,16	239.133,3910	8.283.084,8548	1.114,646m	1.114,794m	PIV
75+820,00	3791	239.147,8328	8.283.081,4254	1.114,651m	1.114,718m	
75+840,00	3792	239.167,2917	8.283.076,8045	1.114,555m	1.114,619m	
75+855,16	3792+15,16	239.182,0382	8.283.073,3027	1.114,458m	1.114,547m	PTV
75+860,00	3793	239.186,7506	8.283.072,1837	1.114,399m	1.114,525m	
75+880,00	3794	239.206,2094	8.283.067,5629	1.114,331m	1.114,433m	
75+893,66	3794+13,66	239.219,4965	8.283.064,4076	1.114,342m	1.114,369m	PCV
75+900,00	3795	239.225,6683	8.283.062,9420	1.114,366m	1.114,340m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
75+920,00	3796	239.245,1272	8.283.058,3212	1.114,016m	1.114,251m	
75+940,00	3797	239.264,5861	8.283.053,7004	1.114,231m	1.114,167m	
75+943,66	3797+3,66	239.268,1437	8.283.052,8555	1.114,120m	1.114,152m	PIV
75+960,00	3798	239.284,0449	8.283.049,0795	1.113,939m	1.114,086m	
75+980,00	3799	239.303,5038	8.283.044,4587	1.113,859m	1.114,010m	
75+993,66	3799+13,66	239.316,7909	8.283.041,3035	1.113,823m	1.113,961m	PTV
76+000,00	3800	239.322,9627	8.283.039,8379	1.113,822m	1.113,939m	
76+020,00	3801	239.342,4216	8.283.035,2170	1.113,459m	1.113,868m	
76+021,62	3801+1,62	239.344,0026	8.283.034,8416	1.113,404m	1.113,862m	PC
76+040,00	3802	239.361,8151	8.283.030,3325	1.112,771m	1.113,797m	
76+060,00	3803	239.381,0419	8.283.024,8285	1.113,156m	1.113,726m	
76+062,66	3803+2,66	239.383,5821	8.283.024,0509	1.113,308m	1.113,717m	PCV
76+072,66	3803+12,66	239.393,1138	8.283.021,0268	1.113,389m	1.113,638m	PIV
76+080,00	3804	239.400,0817	8.283.018,7086	1.113,240m	1.113,525m	
76+082,66	3804+2,66	239.402,5956	8.283.017,8497	1.113,210m	1.113,472m	PTV
76+087,66	3804+7,66	239.407,3170	8.283.016,2040	1.113,168m	1.113,367m	PCV
76+097,66	3804+17,66	239.416,7193	8.283.012,7990	1.113,110m	1.113,200m	PIV
76+100,00	3805	239.418,9146	8.283.011,9792	1.113,096m	1.113,173m	
76+107,66	3805+7,66	239.426,0656	8.283.009,2431	1.113,016m	1.113,115m	PTV
76+120,00	3806	239.437,5213	8.283.004,6472	1.112,840m	1.113,062m	
76+127,66	3806+7,66	239.444,5805	8.283.001,6824	1.112,683m	1.113,029m	PCV
76+140,00	3807	239.455,8824	8.282.996,7203	1.112,544m	1.112,983m	
76+160,00	3808	239.473,9789	8.282.988,2066	1.112,128m	1.112,933m	
76+167,66	3808+7,66	239.480,8327	8.282.984,7938	1.111,778m	1.112,923m	PIV
76+179,99	3808+19,99	239.491,7819	8.282.979,1203	1.111,709m	1.112,917m	
76+180,00	3809	239.491,7920	8.282.979,1150	1.111,709m	1.112,917m	
76+200,00	3810	239.509,3033	8.282.969,4548	1.111,546m	1.112,933m	
76+207,66	3810+7,66	239.515,9235	8.282.965,6083	1.111,586m	1.112,948m	PTV
76+220,00	3811	239.526,4948	8.282.959,2362	1.111,469m	1.112,976m	
76+238,16	3811+18,16	239.541,8096	8.282.949,4846	1.110,871m	1.113,018m	PCV
76+240,00	3812	239.543,3484	8.282.948,4696	1.110,860m	1.113,023m	
76+253,16	3812+13,16	239.554,2427	8.282.941,0937	1.110,917m	1.113,125m	PIV
76+260,00	3813	239.559,8469	8.282.937,1663	1.111,019m	1.113,224m	
76+268,16	3813+8,16	239.566,4696	8.282.932,4050	1.111,256m	1.113,381m	PTV
76+272,66	3813+12,66	239.570,0964	8.282.929,7412	1.111,535m	1.113,480m	PCV
76+280,00	3814	239.575,9731	8.282.925,3379	1.111,854m	1.113,625m	
76+282,66	3814+2,66	239.578,0862	8.282.923,7279	1.111,839m	1.113,670m	PIV
76+292,66	3814+12,66	239.585,9783	8.282.917,5868	1.112,524m	1.113,802m	PTV
76+300,00	3815	239.591,7103	8.282.912,9967	1.113,154m	1.113,878m	
76+320,00	3816	239.607,0423	8.282.900,1554	1.113,382m	1.114,083m	
76+336,64	3816+16,64	239.619,4748	8.282.889,1030	1.113,530m	1.114,255m	PT
76+340,00	3817	239.621,9592	8.282.886,8342	1.113,555m	1.114,289m	
76+360,00	3818	239.636,7274	8.282.873,3471	1.113,797m	1.114,495m	
76+380,00	3819	239.651,4956	8.282.859,8601	1.114,109m	1.114,701m	
76+391,16	3819+11,16	239.659,7338	8.282.852,3367	1.114,300m	1.114,816m	PCV
76+400,00	3820	239.666,2638	8.282.846,3731	1.114,406m	1.114,907m	
76+420,00	3821	239.681,0321	8.282.832,8861	1.114,747m	1.115,120m	
76+440,00	3822	239.695,8003	8.282.819,3991	1.115,029m	1.115,340m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
76+441,16	3822+1,16	239.696,6543	8.282.818,6191	1.115,045m	1.115,353m	PIV
76+460,00	3823	239.710,5685	8.282.805,9121	1.115,309m	1.115,568m	
76+480,00	3824	239.725,3367	8.282.792,4250	1.115,585m	1.115,802m	
76+491,16	3824+11,16	239.733,5749	8.282.784,9016	1.115,754m	1.115,937m	PTV
76+500,00	3825	239.740,1049	8.282.778,9380	1.115,899m	1.116,044m	
76+520,00	3826	239.754,8732	8.282.765,4510	1.116,036m	1.116,287m	
76+540,00	3827	239.769,6414	8.282.751,9640	1.116,312m	1.116,529m	
76+560,00	3828	239.784,4096	8.282.738,4770	1.116,489m	1.116,772m	
76+562,66	3828+2,66	239.786,3713	8.282.736,6855	1.116,510m	1.116,804m	PCV
76+580,00	3829	239.799,1778	8.282.724,9900	1.116,651m	1.117,003m	
76+600,00	3830	239.813,9461	8.282.711,5030	1.116,715m	1.117,205m	
76+620,00	3831	239.828,7143	8.282.698,0159	1.116,857m	1.117,377m	
76+640,00	3832	239.843,4825	8.282.684,5289	1.117,008m	1.117,519m	
76+642,66	3832+2,66	239.845,4441	8.282.682,7375	1.117,018m	1.117,536m	PIV
76+660,00	3833	239.858,2507	8.282.671,0419	1.117,053m	1.117,632m	
76+680,00	3834	239.873,0190	8.282.657,5549	1.116,737m	1.117,714m	
76+700,00	3835	239.887,7872	8.282.644,0679	1.117,273m	1.117,767m	
76+720,00	3836	239.902,5554	8.282.630,5809	1.117,346m	1.117,789m	
76+722,66	3836+2,66	239.904,5170	8.282.628,7894	1.117,358m	1.117,790m	PTV
76+723,66	3836+3,66	239.905,2554	8.282.628,1150	1.117,362m	1.117,790m	PCV
76+726,29	3836+6,29	239.907,1972	8.282.626,3417	1.117,374m	1.117,791m	PB
76+740,00	3837	239.917,3236	8.282.617,0938	1.117,431m	1.117,784m	
76+760,00	3838	239.932,0918	8.282.603,6068	1.117,331m	1.117,749m	
76+780,00	3839	239.946,8601	8.282.590,1198	1.117,320m	1.117,685m	
76+800,00	3840	239.961,6283	8.282.576,6328	1.117,167m	1.117,593m	
76+803,66	3840+3,66	239.964,3283	8.282.574,1670	1.117,155m	1.117,572m	PIV
76+820,00	3841	239.976,3965	8.282.563,1458	1.117,113m	1.117,470m	
76+840,00	3842	239.991,1647	8.282.549,6588	1.116,960m	1.117,319m	
76+860,00	3843	240.005,9330	8.282.536,1717	1.116,833m	1.117,139m	
76+880,00	3844	240.020,7012	8.282.522,6847	1.116,671m	1.116,929m	
76+883,66	3844+3,66	240.023,4012	8.282.520,2189	1.116,641m	1.116,888m	PTV
76+900,00	3845	240.035,4694	8.282.509,1977	1.116,511m	1.116,700m	
76+920,00	3846	240.050,2376	8.282.495,7107	1.116,261m	1.116,470m	
76+940,00	3847	240.065,0058	8.282.482,2237	1.116,109m	1.116,241m	
76+960,00	3848	240.079,7741	8.282.468,7367	1.115,832m	1.116,011m	
76+980,00	3849	240.094,5423	8.282.455,2496	1.115,526m	1.115,782m	
77+000,00	3850	240.109,3105	8.282.441,7626	1.115,323m	1.115,552m	
77+020,00	3851	240.124,0787	8.282.428,2756	1.115,045m	1.115,323m	
77+040,00	3852	240.138,8470	8.282.414,7886	1.114,780m	1.115,093m	
77+060,00	3853	240.153,6152	8.282.401,3016	1.114,474m	1.114,864m	
77+080,00	3854	240.168,3834	8.282.387,8146	1.114,244m	1.114,634m	
77+100,00	3855	240.183,1516	8.282.374,3275	1.113,987m	1.114,404m	
77+120,00	3856	240.197,9198	8.282.360,8405	1.113,675m	1.114,175m	
77+140,00	3857	240.212,6881	8.282.347,3535	1.113,447m	1.113,945m	
77+160,00	3858	240.227,4563	8.282.333,8665	1.113,191m	1.113,716m	
77+180,00	3859	240.242,2245	8.282.320,3795	1.113,150m	1.113,486m	
77+200,00	3860	240.256,9927	8.282.306,8925	1.112,796m	1.113,257m	
77+220,00	3861	240.271,7610	8.282.293,4054	1.112,467m	1.113,027m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
77+240,00	3862	240.286,5292	8.282.279,9184	1.112,251m	1.112,798m	
77+260,00	3863	240.301,2974	8.282.266,4314	1.112,002m	1.112,568m	
77+280,00	3864	240.316,0656	8.282.252,9444	1.111,698m	1.112,339m	
77+300,00	3865	240.330,8338	8.282.239,4574	1.111,399m	1.112,109m	
77+302,66	3865+2,66	240.332,7955	8.282.237,6659	1.111,568m	1.112,078m	PCV
77+320,00	3866	240.345,6021	8.282.225,9704	1.112,498m	1.111,887m	
77+340,00	3867	240.360,3703	8.282.212,4834	1.112,211m	1.111,686m	
77+342,66	3867+2,66	240.362,3319	8.282.210,6919	1.112,001m	1.111,661m	PIV
77+360,00	3868	240.375,1385	8.282.198,9963	1.110,735m	1.111,505m	
77+380,00	3869	240.389,9067	8.282.185,5093	1.110,661m	1.111,345m	
77+382,66	3869+2,66	240.391,8684	8.282.183,7179	1.110,629m	1.111,326m	PTV
77+385,66	3869+5,66	240.394,0836	8.282.181,6948	1.110,593m	1.111,304m	PCV
77+393,07	3869+13,07	240.399,5594	8.282.176,6941	1.110,504m	1.111,276m	
77+395,66	3869+15,66	240.401,4677	8.282.174,9513	1.110,473m	1.111,280m	PIV
77+400,00	3870	240.404,6750	8.282.172,0223	1.110,421m	1.111,300m	
77+405,66	3870+5,66	240.408,8518	8.282.168,2078	1.110,359m	1.111,355m	PTV
77+417,74	3870+17,74	240.417,7755	8.282.160,0582	1.110,226m	1.111,505m	PC
77+420,00	3871	240.419,4457	8.282.158,5381	1.110,201m	1.111,534m	
77+440,00	3872	240.434,4546	8.282.145,3205	1.109,998m	1.111,783m	
77+460,00	3873	240.449,8465	8.282.132,5509	1.109,756m	1.112,032m	
77+479,66	3873+19,66	240.465,3343	8.282.120,4480	1.109,741m	1.112,277m	PCV
77+480,00	3874	240.465,6080	8.282.120,2405	1.109,741m	1.112,281m	
77+489,66	3874+9,66	240.473,3463	8.282.114,4642	1.109,623m	1.112,357m	PIV
77+493,71	3874+13,71	240.476,6156	8.282.112,0749	1.109,569m	1.112,364m	PB
77+499,66	3874+19,66	240.481,4457	8.282.108,5992	1.109,502m	1.112,349m	PTV
77+500,00	3875	240.481,7254	8.282.108,3999	1.109,499m	1.112,347m	
77+520,00	3876	240.498,1847	8.282.097,0393	1.109,333m	1.112,241m	
77+540,00	3877	240.514,9716	8.282.086,1688	1.109,209m	1.112,136m	
77+560,00	3878	240.532,0716	8.282.075,7976	1.109,174m	1.112,030m	
77+580,00	3879	240.549,4698	8.282.065,9348	1.109,013m	1.111,925m	
77+600,00	3880	240.567,1511	8.282.056,5891	1.108,908m	1.111,819m	
77+620,00	3881	240.585,1001	8.282.047,7684	1.108,852m	1.111,714m	
77+640,00	3882	240.603,3012	8.282.039,4804	1.108,711m	1.111,608m	
77+641,16	3882+1,16	240.604,3611	8.282.039,0176	1.108,704m	1.111,602m	PCV
77+651,16	3882+11,16	240.613,5580	8.282.035,0913	1.108,659m	1.111,504m	PIV
77+660,00	3883	240.621,7387	8.282.031,7324	1.108,649m	1.111,344m	
77+661,16	3883+1,16	240.622,8118	8.282.031,3010	1.108,648m	1.111,317m	PTV
77+680,00	3884	240.640,3964	8.282.024,5311	1.108,606m	1.110,880m	
77+700,00	3885	240.659,2583	8.282.017,8828	1.108,623m	1.110,417m	
77+720,00	3886	240.678,3079	8.282.011,7931	1.108,635m	1.109,953m	
77+722,76	3886+2,76	240.680,9493	8.282.010,9973	1.108,630m	1.109,889m	PT
77+728,02	3886+8,02	240.685,9933	8.282.009,4888	1.108,622m	1.109,767m	PCV
77+740,00	3887	240.697,4677	8.282.006,0571	1.108,652m	1.109,532m	
77+743,02	3887+3,02	240.700,3643	8.282.005,1908	1.108,662m	1.109,486m	PIV
77+758,02	3887+18,02	240.714,7354	8.282.000,8928	1.108,663m	1.109,337m	PTV
77+760,00	3888	240.716,6291	8.282.000,3265	1.108,658m	1.109,327m	
77+780,00	3889	240.735,7905	8.281.994,5958	1.108,680m	1.109,217m	
77+800,00	3890	240.754,9519	8.281.988,8652	1.108,622m	1.109,108m	

DF-205 - Ciclovia						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
77+820,00	3891	240.774,1134	8.281.983,1345	1.108,602m	1.108,998m	
77+840,00	3892	240.793,2748	8.281.977,4039	1.108,585m	1.108,889m	
77+860,00	3893	240.812,4362	8.281.971,6733	1.108,524m	1.108,779m	
77+880,00	3894	240.831,5976	8.281.965,9426	1.108,404m	1.108,670m	
77+900,00	3895	240.850,7590	8.281.960,2120	1.108,337m	1.108,560m	
77+920,00	3896	240.869,9204	8.281.954,4813	1.108,322m	1.108,451m	
77+940,00	3897	240.889,0818	8.281.948,7507	1.108,250m	1.108,341m	
77+960,00	3898	240.908,2432	8.281.943,0201	1.108,134m	1.108,232m	
77+980,00	3899	240.927,4047	8.281.937,2894	1.108,025m	1.108,123m	
78+000,00	3900	240.946,5661	8.281.931,5588	1.107,893m	1.108,013m	
78+020,00	3901	240.965,7275	8.281.925,8281	1.107,730m	1.107,904m	
78+040,00	3902	240.984,8889	8.281.920,0975	1.107,549m	1.107,794m	
78+042,66	3902+2,66	240.987,4341	8.281.919,3363	1.107,520m	1.107,780m	PCV
78+060,00	3903	241.004,0503	8.281.914,3669	1.107,390m	1.107,668m	
78+080,00	3904	241.023,2117	8.281.908,6362	1.107,190m	1.107,497m	
78+082,66	3904+2,66	241.025,7569	8.281.907,8750	1.107,151m	1.107,471m	PIV
78+100,00	3905	241.042,3731	8.281.902,9056	1.106,923m	1.107,282m	
78+120,00	3906	241.061,5346	8.281.897,1749	1.106,633m	1.107,022m	
78+122,66	3906+2,66	241.064,0797	8.281.896,4137	1.106,589m	1.106,984m	PTV
78+140,00	3907	241.080,6960	8.281.891,4443	1.106,383m	1.106,734m	
78+160,00	3908	241.099,8574	8.281.885,7136	1.106,179m	1.106,445m	
78+180,00	3909	241.119,0188	8.281.879,9830	1.105,954m	1.106,157m	
78+200,00	3910	241.138,1802	8.281.874,2524	1.105,702m	1.105,868m	
78+220,00	3911	241.157,3416	8.281.868,5217	1.105,442m	1.105,580m	
78+240,00	3912	241.176,5030	8.281.862,7911	1.105,065m	1.105,291m	
78+260,00	3913	241.195,6644	8.281.857,0604	1.104,752m	1.105,003m	
78+280,00	3914	241.214,8259	8.281.851,3298	1.104,516m	1.104,714m	
78+300,00	3915	241.233,9873	8.281.845,5992	1.104,325m	1.104,426m	
78+320,00	3916	241.253,1487	8.281.839,8685	1.103,876m	1.104,138m	
78+340,00	3917	241.272,3101	8.281.834,1379	1.103,678m	1.103,849m	
78+360,00	3918	241.291,4715	8.281.828,4072	1.103,554m	1.103,561m	
78+378,27	3918+18,27	241.308,9772	8.281.823,1718	0,000	1.103,297m	FINAL

01-Est.85_Ramo A						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0+0,00	181.667,0203	8.282.605,8415	800,631m	801,186m	INÍCIO
0+000,00	0	181.667,0203	8.282.605,8416	800,631m	801,186m	PC
0+005,00	0+5,00	181.667,3588	8.282.610,8285	800,264m	800,794m	PCV
0+020,00	1	181.670,8341	8.282.625,3803	799,406m	799,822m	
0+030,00	1+10,00	181.675,1135	8.282.634,4055	799,137m	799,403m	PIV
0+040,00	2	181.680,8309	8.282.642,5958	798,932m	799,167m	
0+047,93	2+7,93	181.686,2862	8.282.648,3483	798,800m	799,109m	
0+055,00	2+15,00	181.691,7467	8.282.652,8268	798,729m	799,155m	PTV
0+057,63	2+17,63	181.693,9085	8.282.654,3253	798,768m	799,189m	PT
0+060,00	3	181.695,8850	8.282.655,6321	798,805m	799,219m	
0+062,60	3+2,60	181.698,0550	8.282.657,0668	798,846m	799,253m	FINAL

01-Est.85_Ramo B						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0+0,00	181.694,1943	8.282.662,9059	799,272m	799,272m	INÍCIO
0+005,00	0+5,00	181.690,0235	8.282.660,1483	799,187m	799,227m	PCV
0+010,23	0+10,23	181.685,6642	8.282.657,2661	799,099m	799,139m	PC
0+020,00	1	181.676,3066	8.282.655,5929	798,773m	798,757m	
0+035,00	1+15,00	181.667,0952	8.282.666,1918	797,366m	797,618m	PTV
0+035,70	1+15,70	181.667,0523	8.282.666,8927	797,288m	797,549m	PT
0+035,70	1+15,70	181.667,0523	8.282.666,8929	797,288m	797,549m	FINAL

02-Est.300_Retorno						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0+0,00	183.887,9180	8.278.905,7696	919,911m	921,228m	INÍCIO
0+006,88	0+6,88	183.883,1136	8.278.910,6992	919,581m	920,946m	PC
0+020,00	1	183.874,0833	8.278.920,2116	919,074m	920,409m	
0+040,00	2	183.860,8020	8.278.935,1634	918,458m	919,590m	
0+060,00	3	183.848,1294	8.278.950,6343	917,808m	918,771m	
0+080,00	4	183.836,0855	8.278.966,5996	917,494m	917,953m	
0+100,00	5	183.824,6897	8.278.983,0338	918,545m	917,134m	
0+112,61	5+12,61	183.817,8448	8.278.993,6267	920,476m	916,617m	PT
0+120,00	6	183.813,9139	8.278.999,8818	921,624m	916,315m	
0+130,00	6+10,00	183.808,5929	8.279.008,3486	921,727m	915,905m	PCV
0+140,00	7	183.803,2720	8.279.016,8155	922,507m	915,510m	
0+159,90	7+19,90	183.792,6807	8.279.033,6687	923,009m	914,806m	PC
0+160,00	8	183.792,6301	8.279.033,7492	923,011m	914,803m	
0+180,00	9	183.781,6493	8.279.050,4635	922,512m	914,209m	
0+200,00	10	183.770,0088	8.279.066,7253	920,258m	913,727m	
0+220,00	11	183.757,7274	8.279.082,5086	919,099m	913,357m	PIV
0+220,00	11	183.757,7274	8.279.082,5086	919,099m	913,357m	
0+240,00	12	183.744,8246	8.279.097,7881	917,793m	913,099m	
0+260,00	13	183.731,3211	8.279.112,5395	916,341m	912,954m	
0+265,63	13+5,63	183.727,4118	8.279.116,5962	915,907m	912,934m	PT
0+275,86	13+15,86	183.720,2732	8.279.123,9210	915,208m	912,919m	
0+280,00	14	183.717,3849	8.279.126,8845	914,929m	912,921m	
0+300,00	15	183.703,4260	8.279.141,2075	914,355m	913,001m	
0+310,00	15+10,00	183.696,4465	8.279.148,3690	915,417m	913,083m	PTV
0+320,00	16	183.689,4670	8.279.155,5304	916,562m	913,178m	
0+340,00	17	183.675,5080	8.279.169,8534	917,949m	913,370m	
0+360,00	18	183.661,5490	8.279.184,1763	917,598m	913,562m	
0+370,00	18+10,00	183.654,5696	8.279.191,3378	917,296m	913,658m	PCV
0+380,00	19	183.647,5901	8.279.198,4993	916,995m	913,724m	
0+386,46	19+6,46	183.643,0816	8.279.203,1254	916,800m	913,736m	PB
0+400,00	20	183.633,6311	8.279.212,8223	917,841m	913,683m	
0+420,00	21	183.619,6721	8.279.227,1452	921,466m	913,409m	
0+430,00	21+10,00	183.612,6926	8.279.234,3067	923,975m	913,185m	PIV
0+440,00	22	183.605,7131	8.279.241,4682	926,661m	912,902m	
0+460,00	23	183.591,7542	8.279.255,7911	930,585m	912,162m	
0+468,11	23+8,11	183.586,0933	8.279.261,5996	931,337m	911,796m	PC
0+480,00	24	183.577,8388	8.279.270,1563	928,663m	911,189m	
0+490,00	24+10,00	183.570,9640	8.279.277,4183	926,417m	910,615m	PTV
0+500,00	25	183.564,1518	8.279.284,7390	924,175m	910,013m	
0+520,00	26	183.550,7172	8.279.299,5546	919,704m	908,807m	
0+540,00	27	183.537,5392	8.279.314,5989	915,251m	907,601m	
0+560,00	28	183.524,6215	8.279.329,8673	910,831m	906,396m	
0+580,00	29	183.511,9681	8.279.345,3554	907,400m	905,190m	
0+600,00	30	183.499,5825	8.279.361,0585	904,663m	903,984m	
0+610,12	30+10,12	183.493,4204	8.279.369,0826	903,373m	903,374m	PT
0+620,00	31	183.487,4351	8.279.376,9468	902,572m	902,779m	
0+640,00	32	183.475,3226	8.279.392,8618	900,993m	901,573m	
0+660,00	33	183.463,2101	8.279.408,7768	899,415m	900,367m	

02-Est.300_Retorno						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+680,00	34	183.451,0976	8.279.424,6918	897,850m	899,161m	
0+700,00	35	183.438,9851	8.279.440,6068	894,435m	897,956m	
0+712,00	35+12,00	183.431,7176	8.279.450,1558	892,189m	897,232m	PCV
0+720,00	36	183.426,8726	8.279.456,5218	890,727m	896,764m	
0+740,00	37	183.414,7601	8.279.472,4368	886,775m	895,720m	
0+760,00	38	183.402,6476	8.279.488,3518	885,025m	894,856m	
0+780,00	39	183.390,5351	8.279.504,2668	885,048m	894,170m	
0+799,51	39+19,51	183.378,7189	8.279.519,7925	886,636m	893,675m	PC
0+800,00	40	183.378,4224	8.279.520,1816	886,726m	893,664m	
0+820,00	41	183.365,9795	8.279.535,8380	889,847m	893,338m	
0+840,00	42	183.352,9205	8.279.550,9843	891,790m	893,191m	
0+842,00	42+2,00	183.351,5815	8.279.552,4699	891,825m	893,186m	PIV
0+846,38	42+6,38	183.348,6298	8.279.555,7031	891,893m	893,182m	
0+860,00	43	183.339,2663	8.279.565,5962	892,058m	893,224m	
0+880,00	44	183.325,0387	8.279.579,6504	891,870m	893,435m	
0+900,00	45	183.310,2604	8.279.593,1244	892,323m	893,827m	
0+920,00	46	183.294,9551	8.279.605,9967	892,994m	894,398m	
0+940,00	47	183.279,1473	8.279.618,2466	893,694m	895,148m	
0+960,00	48	183.262,8623	8.279.629,8546	896,788m	896,078m	
0+972,00	48+12,00	183.252,8731	8.279.636,5035	898,949m	896,722m	PTV
0+980,00	49	183.246,1262	8.279.640,8021	900,425m	897,173m	
1+000,00	50	183.228,9656	8.279.651,0715	903,491m	898,300m	
1+015,54	50+15,54	183.215,3538	8.279.658,5737	903,112m	899,176m	PT
1+020,00	51	183.211,4174	8.279.660,6641	902,560m	899,427m	
1+040,00	52	183.193,7536	8.279.670,0445	901,002m	900,554m	
1+060,00	53	183.176,0899	8.279.679,4249	901,596m	901,681m	
1+080,00	54	183.158,4261	8.279.688,8053	902,105m	902,808m	
1+100,00	55	183.140,7624	8.279.698,1857	903,155m	903,935m	
1+120,00	56	183.123,0986	8.279.707,5661	904,242m	905,062m	
1+140,00	57	183.105,4348	8.279.716,9465	905,446m	906,190m	
1+160,00	58	183.087,7711	8.279.726,3269	906,530m	907,317m	
1+167,45	58+7,45	183.081,1906	8.279.729,8215	906,862m	907,737m	FINAL

03-Est.775_Retorno						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0+0,00	189.013,5593	8.273.944,0695	894,030m	894,030m	INÍCIO
0+009,98	0+9,98	189.003,8833	8.273.946,5332	893,857m	893,885m	PC
0+015,00	0+15,00	188.999,0294	8.273.947,7950	893,772m	893,811m	PCV
0+020,00	1	188.994,2031	8.273.949,1014	893,702m	893,741m	
0+040,00	2	188.975,0358	8.273.954,8076	893,471m	893,498m	
0+060,00	3	188.956,1120	8.273.961,2757	893,335m	893,321m	
0+080,00	4	188.937,4620	8.273.968,4954	893,086m	893,210m	
0+100,00	5	188.919,1156	8.273.976,4552	892,665m	893,164m	
0+103,98	5+3,98	188.915,4992	8.273.978,1283	892,724m	893,162m	
0+120,00	6	188.901,1022	8.273.985,1422	892,591m	893,183m	
0+120,05	6+0,05	188.901,0604	8.273.985,1634	892,591m	893,184m	PT
0+130,00	6+10,00	188.892,1840	8.273.989,6661	892,614m	893,218m	PIV
0+140,00	7	188.883,2658	8.273.994,1900	892,802m	893,269m	
0+157,01	7+17,01	188.868,0985	8.274.001,8838	893,350m	893,393m	PC
0+160,00	8	188.865,4253	8.274.003,2298	893,445m	893,420m	
0+180,00	9	188.847,3611	8.274.011,8105	893,872m	893,636m	
0+200,00	10	188.828,9681	8.274.019,6620	894,328m	893,918m	
0+220,00	11	188.810,2759	8.274.026,7717	894,760m	894,266m	
0+240,00	12	188.791,3143	8.274.033,1282	894,873m	894,679m	
0+245,00	12+5,00	188.786,5354	8.274.034,5984	894,893m	894,792m	PTV
0+260,00	13	188.772,1137	8.274.038,7213	894,954m	895,139m	
0+267,07	13+7,07	188.765,2756	8.274.040,5140	895,027m	895,302m	PT
0+280,00	14	188.752,7447	8.274.043,7046	895,158m	895,601m	
0+300,00	15	188.733,3631	8.274.048,6395	895,507m	896,063m	
0+320,00	16	188.713,9814	8.274.053,5743	896,037m	896,526m	
0+335,00	16+15,00	188.699,4452	8.274.057,2755	896,224m	896,872m	PCV
0+340,00	17	188.694,5998	8.274.058,5092	896,277m	896,990m	
0+360,00	18	188.675,2182	8.274.063,4441	896,459m	897,492m	
0+380,00	19	188.655,8366	8.274.068,3790	896,849m	898,047m	
0+400,00	20	188.636,4550	8.274.073,3138	897,520m	898,656m	
0+415,00	20+15,00	188.621,9188	8.274.077,0150	898,094m	899,147m	PIV
0+420,00	21	188.617,0734	8.274.078,2487	898,316m	899,317m	
0+440,00	22	188.597,6917	8.274.083,1836	899,190m	900,032m	
0+460,00	23	188.578,3101	8.274.088,1185	900,019m	900,800m	
0+480,00	24	188.558,9285	8.274.093,0534	900,848m	901,621m	
0+495,00	24+15,00	188.544,3923	8.274.096,7545	901,470m	902,271m	PTV
0+500,00	25	188.539,5469	8.274.097,9882	901,678m	902,493m	
0+520,00	26	188.520,1653	8.274.102,9231	902,561m	903,380m	
0+540,00	27	188.500,7837	8.274.107,8580	903,475m	904,268m	
0+560,00	28	188.481,4021	8.274.112,7929	904,313m	905,155m	
0+580,00	29	188.462,0204	8.274.117,7277	905,124m	906,043m	
0+600,00	30	188.442,6388	8.274.122,6626	905,970m	906,930m	
0+620,00	31	188.423,2572	8.274.127,5975	906,883m	907,817m	
0+628,74	31+8,74	188.414,7881	8.274.129,7539	907,291m	908,205m	PC
0+640,00	32	188.403,8452	8.274.132,4093	907,820m	908,705m	
0+660,00	33	188.384,2727	8.274.136,5155	908,778m	909,592m	
0+680,00	34	188.364,5516	8.274.139,8358	909,934m	910,479m	
0+700,00	35	188.344,7134	8.274.142,3648	911,102m	911,395m	

03-Est.775_Retorno						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+720,00	36	188.324,7901	8.274.144,0984	912,222m	912,366m	
0+730,00	36+10,00	188.314,8064	8.274.144,6661	912,700m	912,872m	PIV
0+738,80	36+18,80	188.306,0114	8.274.145,0004	913,125m	913,330m	PT
0+740,00	37	188.304,8133	8.274.145,0354	913,184m	913,393m	
0+760,00	38	188.284,8219	8.274.145,6192	914,226m	914,475m	
0+775,76	38+15,76	188.269,0669	8.274.146,0793	915,267m	915,368m	PC
0+780,00	39	188.264,8309	8.274.146,2210	915,551m	915,614m	
0+800,00	40	188.244,8655	8.274.147,3737	916,939m	916,780m	
0+820,00	41	188.224,9622	8.274.149,3239	918,089m	917,947m	
0+840,00	42	188.205,1527	8.274.152,0684	919,079m	919,113m	
0+850,00	42+10,00	188.195,2931	8.274.153,7373	919,654m	919,697m	PCV
0+860,00	43	188.185,4689	8.274.155,6029	920,214m	920,237m	
0+870,00	43+10,00	188.175,6839	8.274.157,6647	920,712m	920,692m	PIV
0+880,00	44	188.165,9421	8.274.159,9218	921,075m	921,062m	
0+885,82	44+5,82	188.160,2901	8.274.161,3259	921,260m	921,238m	PT
0+890,00	44+10,00	188.156,2431	8.274.162,3563	921,384m	921,346m	PTV
0+900,00	45	188.146,5523	8.274.164,8238	921,601m	921,588m	
0+905,33	45+5,33	188.141,3867	8.274.166,1390	921,716m	921,716m	FINAL

04-DF-150_Ramo A						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0+0,00	192.899,6296	8.274.350,4519	869,475m	869,475m	INÍCIO
0+001,89	0+1,89	192.897,9676	8.274.349,5424	869,539m	869,538m	PC
0+010,00	0+10,00	192.890,7647	8.274.345,8271	869,796m	869,807m	PCV
0+020,00	1	192.881,6407	8.274.341,7379	870,115m	870,119m	
0+020,00	1	192.881,6407	8.274.341,7379	870,115m	870,119m	PIV
0+030,00	1+10,00	192.872,2857	8.274.338,2089	870,403m	870,388m	PTV
0+040,00	2	192.862,7342	8.274.335,2529	870,628m	870,636m	
0+050,00	2+10,00	192.853,0212	8.274.332,8809	870,948m	870,973m	PIV
0+060,00	3	192.843,1823	8.274.331,1016	871,555m	871,488m	
0+080,00	4	192.823,2719	8.274.329,3448	872,701m	872,695m	
0+090,00	4+10,00	192.813,2735	8.274.329,3739	873,221m	873,234m	PIV
0+100,00	5	192.803,2951	8.274.330,0084	873,645m	873,642m	
0+110,00	5+10,00	192.793,3736	8.274.331,2462	873,973m	873,986m	PCV
0+120,00	6	192.783,5452	8.274.333,0827	874,329m	874,368m	
0+130,00	6+10,00	192.773,8461	8.274.335,5111	874,828m	874,826m	PTV
0+140,00	7	192.764,3119	8.274.338,5224	875,319m	875,321m	
0+160,00	8	192.745,8775	8.274.346,2479	876,121m	876,312m	
0+160,00	8	192.745,8775	8.274.346,2479	876,121m	876,312m	PCV
0+180,00	9	192.728,5125	8.274.356,1456	876,856m	876,901m	
0+180,00	9	192.728,5125	8.274.356,1456	876,856m	876,901m	PIV
0+184,62	9+4,62	192.724,6774	8.274.358,7283	876,940m	876,922m	PB
0+200,00	10	192.712,4716	8.274.368,0705	876,677m	876,684m	
0+200,00	10	192.712,4716	8.274.368,0705	876,677m	876,684m	PTV
0+220,00	11	192.697,9904	8.274.381,8474	876,092m	876,066m	
0+240,00	12	192.685,2812	8.274.397,2743	875,481m	875,447m	
0+258,30	12+18,30	192.675,3651	8.274.412,6415	0,000	874,881m	FINAL

04-DF-150_Ramo B						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0+0,00	192.669,1262	8.274.409,0352	0,000	874,685m	INÍCIO
0+020,00	1	192.679,1351	8.274.391,7198	875,600m	875,458m	
0+026,26	1+6,26	192.682,2654	8.274.386,3043	875,817m	875,700m	PC
0+040,00	2	192.688,5895	8.274.374,1061	876,366m	876,232m	
0+050,00	2+10,00	192.692,4751	8.274.364,8939	876,720m	876,576m	PIV
0+060,00	3	192.695,7384	8.274.355,4433	876,993m	876,835m	
0+065,00	3+5,00	192.697,1320	8.274.350,6417	877,127m	876,943m	PCV
0+076,65	3+16,65	192.699,7526	8.274.339,2957	877,436m	877,069m	PB
0+080,00	4	192.700,3428	8.274.335,9957	877,523m	877,058m	
0+095,00	4+15,00	192.702,0754	8.274.321,1024	877,902m	876,756m	PIV
0+100,00	5	192.702,3210	8.274.316,1087	878,024m	876,562m	
0+120,00	6	192.701,6379	8.274.296,1352	878,701m	875,324m	
0+125,00	6+5,00	192.701,0516	8.274.291,1699	879,058m	874,898m	PTV
0+140,00	7	192.698,3056	8.274.276,4298	880,287m	873,552m	
0+150,00	7+10,00	192.695,6627	8.274.266,7873	881,229m	872,654m	PCV
0+160,00	8	192.692,3832	8.274.257,3422	882,263m	871,837m	
0+170,00	8+10,00	192.688,4819	8.274.248,1367	882,563m	871,180m	PIV
0+180,00	9	192.683,9760	8.274.239,2114	877,218m	870,745m	
0+185,00	9+5,00	192.681,5025	8.274.234,8664	874,810m	870,634m	PTV
0+190,00	9+10,00	192.678,8855	8.274.230,6062	872,561m	870,559m	PCV
0+200,00	10	192.673,2331	8.274.222,3592	870,303m	870,385m	
0+210,00	10+10,00	192.667,0438	8.274.214,5071	870,030m	870,163m	PTV
0+220,00	11	192.660,3452	8.274.207,0847	869,731m	869,915m	
0+220,94	11+0,94	192.659,6920	8.274.206,4119	869,703m	869,892m	FINAL

04-DF-150_Ramo C						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0+0,00	192.201,9011	8.274.079,2722	859,877m	860,108m	INÍCIO
0+015,00	0+15,00	192.212,6581	8.274.068,8225	860,309m	860,699m	PCV
0+020,00	1	192.216,0801	8.274.065,1771	860,464m	860,910m	
0+025,00	1+5,00	192.219,4172	8.274.061,4539	860,622m	861,149m	PTV
0+030,00	1+10,00	192.222,6677	8.274.057,6547	860,799m	861,403m	PCV
0+040,00	2	192.228,9018	8.274.049,8369	861,034m	861,803m	
0+050,00	2+10,00	192.234,7691	8.274.041,7401	861,247m	861,991m	PTV
0+060,00	3	192.240,2571	8.274.033,3817	861,526m	862,072m	
0+070,00	3+10,00	192.245,3543	8.274.024,7794	861,854m	862,152m	PCV
0+080,00	4	192.250,0499	8.274.015,9513	861,998m	862,319m	
0+090,00	4+10,00	192.254,3337	8.274.006,9163	862,239m	862,658m	PTV
0+100,00	5	192.258,1968	8.273.997,6936	862,531m	863,083m	
0+110,00	5+10,00	192.261,6309	8.273.988,3027	862,825m	863,508m	PCV
0+120,00	6	192.264,6288	8.273.978,7635	863,110m	863,849m	
0+130,00	6+10,00	192.267,1841	8.273.969,0964	863,372m	864,022m	PTV
0+140,00	7	192.269,2913	8.273.959,3219	863,619m	864,111m	
0+160,00	8	192.272,1447	8.273.939,5336	864,086m	864,289m	
0+170,00	8+10,00	192.272,8847	8.273.929,5619	864,308m	864,378m	PCV
0+180,00	9	192.273,1647	8.273.919,5667	864,567m	864,488m	
0+190,00	9+10,00	192.272,9839	8.273.909,5693	864,901m	864,642m	PTV
0+200,00	10	192.272,3427	8.273.899,5907	865,078m	864,818m	
0+220,00	11	192.269,6857	8.273.879,7751	865,356m	865,169m	
0+240,00	12	192.265,2163	8.273.860,2882	865,719m	865,521m	
0+241,42	12+1,42	192.264,8319	8.273.858,9248	865,742m	865,546m	PIV
0+241,42	12+1,42	192.264,8319	8.273.858,9247	0,000	0,000	FINAL

04-DF-150_Ramo D						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0+0,00	192.273,6785	8.273.856,3993	865,535m	865,535m	INÍCIO
0+020,00	1	192.279,1685	8.273.875,6311	865,185m	865,219m	
0+030,00	1+10,00	192.281,9134	8.273.885,2470	865,003m	865,061m	PCV
0+040,00	2	192.284,6584	8.273.894,8628	864,833m	864,891m	
0+055,76	2+15,76	192.288,9840	8.273.910,0156	864,454m	864,569m	PC
0+060,00	3	192.290,1938	8.273.914,0813	864,361m	864,472m	
0+080,00	4	192.297,1054	8.273.932,8392	863,858m	863,949m	
0+090,00	4+10,00	192.301,2915	8.273.941,9196	863,569m	863,649m	PTV
0+100,00	5	192.305,9495	8.273.950,7672	863,257m	863,336m	
0+120,00	6	192.316,6284	8.273.967,6666	862,607m	862,710m	
0+130,00	6+10,00	192.322,6197	8.273.975,6717	862,212m	862,397m	PCV
0+140,00	7	192.329,0238	8.273.983,3505	861,952m	862,133m	
0+140,00	7	192.329,0238	8.273.983,3505	861,952m	862,133m	PIV
0+150,00	7+10,00	192.335,8230	8.273.990,6818	861,708m	861,968m	PTV
0+160,00	8	192.342,9985	8.273.997,6453	861,427m	861,851m	
0+180,00	9	192.358,3978	8.274.010,3926	860,919m	861,618m	
0+200,00	10	192.375,0511	8.274.021,4513	860,384m	861,385m	
0+210,00	10+10,00	192.383,7910	8.274.026,3085	860,039m	861,160m	PIV
0+220,00	11	192.392,7743	8.274.030,6991	859,768m	860,717m	
0+225,00	11+5,00	192.397,3494	8.274.032,7157	859,672m	860,441m	PCV
0+230,00	11+10,00	192.401,9761	8.274.034,6111	859,569m	860,182m	PIV
0+235,00	11+15,00	192.406,6510	8.274.036,3842	859,445m	859,959m	PTV
0+240,00	12	192.411,3709	8.274.038,0336	859,548m	859,753m	
0+243,85	12+3,85	192.415,0354	8.274.039,2191	859,430m	859,594m	FINAL

04-DF-150_Ramo E						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0+0,00	192.422,0367	8.274.045,1031	859,266m	859,266m	INÍCIO
0+005,00	0+5,00	192.426,8408	8.274.046,4891	859,158m	859,118m	PCV
0+020,00	1	192.441,3326	8.274.050,3581	859,064m	858,873m	
0+021,75	1+1,75	192.443,0262	8.274.050,7799	859,088m	858,870m	
0+025,00	1+5,00	192.446,1883	8.274.051,5509	859,139m	858,879m	PIV
0+040,00	2	192.460,8233	8.274.054,8372	859,388m	859,165m	
0+045,00	2+5,00	192.465,7227	8.274.055,8349	859,308m	859,348m	PTV
0+049,95	2+9,95	192.470,5855	8.274.056,7748	859,546m	859,551m	PCC
0+060,00	3	192.480,4401	8.274.058,7317	860,059m	859,964m	
0+070,00	3+10,00	192.490,2074	8.274.060,8757	860,444m	860,375m	PCV
0+080,00	4	192.499,9298	8.274.063,2146	860,833m	860,834m	
0+090,00	4+10,00	192.509,6036	8.274.065,7474	861,361m	861,387m	PTV
0+098,64	4+18,64	192.517,9185	8.274.068,0909	861,868m	861,906m	PT
0+100,00	5	192.519,2253	8.274.068,4714	861,952m	861,988m	
0+120,00	6	192.538,4277	8.274.074,0630	863,105m	863,190m	
0+140,00	7	192.557,6302	8.274.079,6545	864,292m	864,392m	
0+160,00	8	192.576,8326	8.274.085,2461	865,472m	865,594m	
0+180,00	9	192.596,0351	8.274.090,8377	866,664m	866,796m	
0+200,00	10	192.615,2375	8.274.096,4292	867,949m	867,998m	
0+220,00	11	192.634,4400	8.274.102,0208	869,134m	869,200m	
0+238,97	11+18,97	192.652,6563	8.274.107,3252	870,256m	870,341m	PC
0+240,00	12	192.653,6413	8.274.107,6164	870,317m	870,402m	
0+260,00	13	192.672,2566	8.274.114,8703	871,480m	871,604m	
0+280,00	14	192.689,4784	8.274.124,9972	872,634m	872,806m	
0+300,00	15	192.704,8669	8.274.137,7386	873,902m	874,008m	
0+320,00	16	192.718,0288	8.274.152,7689	875,076m	875,210m	
0+329,76	16+9,76	192.723,5375	8.274.160,8174	875,659m	875,797m	PCC
0+340,00	17	192.728,6891	8.274.169,6700	876,340m	876,412m	
0+355,00	17+15,00	192.735,1147	8.274.183,2171	877,224m	877,314m	PCV
0+360,00	18	192.736,9516	8.274.187,8672	877,450m	877,581m	
0+365,00	18+5,00	192.738,6325	8.274.192,5759	877,632m	877,782m	PIV
0+375,00	18+15,00	192.741,5191	8.274.202,1483	877,953m	877,984m	PTV
0+380,00	19	192.742,7216	8.274.207,0013	878,013m	878,018m	
0+400,00	20	192.745,8967	8.274.226,7327	878,083m	878,156m	
0+420,00	21	192.746,4206	8.274.246,7110	876,633m	878,294m	
0+440,00	22	192.744,2840	8.274.266,5816	872,111m	878,432m	
0+450,00	22+10,00	192.742,2280	8.274.276,3661	877,687m	878,501m	PCV
0+460,00	23	192.739,5247	8.274.285,9919	878,507m	878,541m	
0+462,10	23+2,10	192.738,8769	8.274.287,9861	878,497m	878,542m	PB
0+480,00	24	192.732,2273	8.274.304,5971	878,398m	878,451m	
0+491,57	24+11,57	192.726,8947	8.274.314,8647	878,432m	878,295m	PT
0+500,00	25	192.722,7248	8.274.322,1881	878,186m	878,133m	
0+510,00	25+10,00	192.717,7769	8.274.330,8782	877,894m	877,889m	PTV
0+520,00	26	192.712,8289	8.274.339,5683	877,602m	877,616m	
0+540,00	27	192.702,9330	8.274.356,9485	877,035m	877,070m	
0+550,00	27+10,00	192.697,9850	8.274.365,6386	876,755m	876,775m	PIV
0+560,00	28	192.693,0370	8.274.374,3286	876,418m	876,434m	
0+580,00	29	192.683,1411	8.274.391,7088	875,629m	875,707m	

04-DF-150_Ramo E						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+600,00	30	192.673,2452	8.274.409,0890	874,988m	874,980m	FINAL

04-DF-150_Ramo F						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0+0,00	192.731,9179	8.274.168,2279	876,449m	876,449m	INÍCIO
0+015,00	0+15,00	192.739,0883	8.274.181,4019	877,320m	877,394m	PCV
0+020,00	1	192.741,5996	8.274.185,7254	877,542m	877,663m	
0+025,00	1+5,00	192.744,1708	8.274.190,0136	877,742m	877,839m	PIV
0+031,97	1+11,97	192.747,8542	8.274.195,9315	877,864m	877,929m	PB
0+035,00	1+15,00	192.749,4905	8.274.198,4808	877,848m	877,912m	PTV
0+040,00	2	192.752,2381	8.274.202,6582	877,816m	877,856m	
0+060,00	3	192.763,8003	8.274.218,9742	877,636m	877,631m	
0+070,00	3+10,00	192.769,9168	8.274.226,8851	877,455m	877,424m	PIV
0+080,00	4	192.776,2507	8.274.234,6230	876,997m	877,030m	
0+100,00	5	192.789,5508	8.274.249,5563	876,044m	876,053m	
0+105,43	5+5,43	192.793,3027	8.274.253,4807	875,774m	875,788m	PT
0+120,00	6	192.803,4508	8.274.263,9363	875,043m	875,076m	
0+130,00	6+10,00	192.810,4156	8.274.271,1121	874,540m	874,588m	PCV
0+140,00	7	192.817,3803	8.274.278,2879	873,967m	874,035m	
0+141,98	7+1,98	192.818,7589	8.274.279,7083	873,838m	873,911m	PC
0+150,00	7+10,00	192.824,4087	8.274.285,4010	873,311m	873,355m	PTV
0+160,00	8	192.831,6282	8.274.292,3200	872,583m	872,610m	
0+165,00	8+5,00	192.835,3093	8.274.295,7037	872,173m	872,237m	PCV
0+175,00	8+15,00	192.842,8107	8.274.302,3160	871,631m	871,620m	PIV
0+180,00	9	192.846,6295	8.274.305,5434	871,366m	871,407m	
0+185,00	9+5,00	192.850,4928	8.274.308,7174	871,262m	871,258m	PTV
0+200,00	10	192.862,3420	8.274.317,9133	870,883m	870,907m	
0+220,00	11	192.878,7171	8.274.329,3917	870,398m	870,439m	
0+220,00	11	192.878,7171	8.274.329,3917	870,398m	870,439m	PCV
0+230,00	11+10,00	192.887,1374	8.274.334,7854	870,117m	870,159m	PIV
0+240,00	12	192.895,7042	8.274.339,9432	869,777m	869,788m	
0+240,00	12	192.895,7042	8.274.339,9432	869,777m	869,788m	PTV
0+249,82	12+9,82	192.904,2528	8.274.344,7744	869,378m	869,378m	PIV
0+249,82	12+9,82	192.904,2528	8.274.344,7744	0,000	0,000	FINAL

04-DF-150_Rotatória						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0+0,00	192.290,9329	8.273.972,1155	864,013m	864,013m	INÍCIO
0+020,00	1	192.310,4261	8.273.974,7918	862,901m	862,970m	
0+030,00	1+10,00	192.318,6166	8.273.980,4579	862,448m	862,448m	PCV
0+040,00	2	192.324,6684	8.273.988,3677	862,214m	862,076m	
0+040,00	2	192.324,6684	8.273.988,3677	862,214m	862,076m	PIV
0+047,45	2+7,45	192.327,4290	8.273.995,2709	862,138m	861,993m	
0+050,00	2+10,00	192.327,9954	8.273.997,7549	862,098m	862,003m	PTV
0+060,00	3	192.328,2752	8.274.007,7103	862,382m	862,079m	
0+066,75	3+6,75	192.326,7140	8.274.014,2691	862,603m	862,131m	PCC
0+080,00	4	192.319,8829	8.274.025,5068	862,487m	862,231m	PCV
0+080,00	4	192.319,8829	8.274.025,5068	862,487m	862,231m	
0+089,81	4+9,81	192.312,1895	8.274.031,5317	862,396m	862,269m	PB
0+100,00	5	192.302,6643	8.274.035,0288	862,297m	862,229m	PIV
0+100,00	5	192.302,6643	8.274.035,0288	862,297m	862,229m	
0+120,00	6	192.283,1294	8.274.032,6763	862,463m	861,915m	PTV
0+120,00	6	192.283,1294	8.274.032,6763	862,463m	861,915m	
0+120,00	6	192.283,1293	8.274.032,6762	862,463m	861,915m	PCV
0+124,89	6+4,89	192.278,8646	8.274.030,2978	862,490m	861,858m	
0+130,00	6+10,00	192.274,8460	8.274.027,1469	862,541m	861,920m	PIV
0+133,68	6+13,68	192.272,2885	8.274.024,5010	862,591m	862,019m	PCC
0+140,00	7	192.268,6638	8.274.019,3386	862,702m	862,225m	
0+150,00	7+10,00	192.265,1815	8.274.010,0079	862,823m	862,650m	PTV
0+160,00	8	192.264,7365	8.274.000,0585	862,943m	863,135m	
0+170,00	8+10,00	192.267,3719	8.273.990,4541	863,176m	863,620m	PCV
0+180,00	9	192.272,8324	8.273.982,1252	863,593m	864,020m	
0+190,00	9+10,00	192.280,5891	8.273.975,8783	863,964m	864,251m	PIV
0+192,14	9+12,14	192.282,4809	8.273.974,8735	864,003m	864,266m	PB
0+200,00	10	192.289,8906	8.273.972,3188	864,060m	864,057m	
0+201,06	10+1,06	192.290,9329	8.273.972,1155	0,000	864,000m	FINAL

05-Est.1150_Ramo A						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0+0,00	194.504,2149	8.276.074,2111	889,453m	889,330m	INÍCIO
0+000,00	0	194.504,2149	8.276.074,2112	889,453m	889,330m	PC
0+020,00	1	194.507,7604	8.276.093,8486	890,048m	889,240m	
0+040,00	2	194.515,7363	8.276.112,1403	889,915m	889,150m	
0+052,44	2+12,44	194.522,7540	8.276.122,4023	889,858m	889,122m	
0+060,00	3	194.527,7131	8.276.128,1014	889,849m	889,132m	
0+070,00	3+10,00	194.535,0079	8.276.134,9332	889,790m	889,177m	PIV
0+080,00	4	194.543,0460	8.276.140,8725	889,424m	889,259m	
0+100,00	5	194.560,9095	8.276.149,7661	890,754m	889,530m	
0+120,00	6	194.580,3418	8.276.154,3034	0,000	889,874m	
0+135,37	6+15,37	194.595,6893	8.276.154,6676	0,000	890,138m	PT
0+140,00	7	194.600,3070	8.276.154,3640	0,000	890,218m	
0+155,50	7+15,50	194.615,7774	8.276.153,3470	0,000	0,000	FINAL

05-Est.1150_Ramo B						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0+0,00	194.616,3022	8.276.161,3298	0,000	0,000	INÍCIO
0+000,00	0	194.616,3014	8.276.161,3298	0,000	890,484m	PIV
0+020,00	1	194.596,3453	8.276.162,6418	0,000	890,141m	
0+032,58	1+12,58	194.583,7914	8.276.163,4670	0,000	889,925m	PC
0+040,00	2	194.576,4422	8.276.164,4420	0,000	889,798m	
0+055,00	2+15,00	194.562,3039	8.276.169,3172	0,000	889,540m	PCV
0+060,00	3	194.557,9432	8.276.171,7601	0,000	889,465m	
0+074,60	3+14,60	194.546,6712	8.276.180,9815	889,730m	889,372m	
0+080,00	4	194.543,1699	8.276.185,0836	889,818m	889,385m	
0+085,00	4+5,00	194.540,2912	8.276.189,1697	889,801m	889,419m	PIV
0+100,00	5	194.533,9867	8.276.202,7311	890,186m	889,654m	
0+115,00	5+15,00	194.531,4963	8.276.217,4775	890,403m	890,086m	PTV
0+120,00	6	194.531,5526	8.276.222,4755	890,480m	890,263m	
0+140,00	7	194.536,1747	8.276.241,8250	891,022m	890,971m	
0+143,60	7+3,60	194.537,7234	8.276.245,0711	891,132m	891,098m	PT
0+143,60	7+3,60	194.537,7235	8.276.245,0713	891,132m	891,098m	PIV
0+143,60	7+3,60	194.537,7235	8.276.245,0713	891,132m	891,098m	FINAL

05-Est1150_Ramo C						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0+0,00	194.526,2395	8.276.251,1182	891,798m	892,137m	INÍCIO
0+000,00	0	194.526,2395	8.276.251,1182	891,798m	892,137m	PIV
0+000,00	0	194.526,2394	8.276.251,1180	891,798m	892,137m	PC
0+020,00	1	194.517,7135	8.276.233,0317	890,918m	891,455m	
0+029,91	1+9,91	194.513,9925	8.276.223,8503	890,575m	891,117m	PT
0+030,00	1+10,00	194.513,9593	8.276.223,7638	890,574m	891,114m	PCV
0+030,46	1+10,46	194.513,7945	8.276.223,3347	890,567m	891,098m	PC
0+037,81	1+17,81	194.510,0490	8.276.217,0564	890,458m	890,886m	PT
0+038,40	1+18,40	194.509,6609	8.276.216,6042	890,455m	890,872m	PC
0+040,00	2	194.508,6066	8.276.215,4034	890,447m	890,836m	
0+050,00	2+10,00	194.501,4155	8.276.208,4667	890,393m	890,687m	PIV
0+056,69	2+16,69	194.496,0851	8.276.204,4299	890,412m	890,658m	
0+060,00	3	194.493,3100	8.276.202,6246	890,518m	890,665m	
0+070,00	3+10,00	194.484,4552	8.276.197,9960	891,039m	890,772m	PTV
0+080,00	4	194.475,0317	8.276.194,6752	891,231m	890,942m	
0+088,17	4+8,17	194.467,0476	8.276.192,9815	891,412m	891,081m	PT
0+088,17	4+8,17	194.467,0474	8.276.192,9815	891,412m	891,081m	PC
0+100,00	5	194.455,8593	8.276.195,7639	891,477m	891,282m	
0+118,70	5+18,70	194.450,5290	8.276.212,4447	891,712m	891,600m	PT
0+120,00	6	194.450,9307	8.276.213,6818	891,729m	891,622m	
0+139,81	6+19,81	194.457,0483	8.276.232,5187	891,955m	891,959m	FINAL

05-Est.1150_Ramo D						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0+0,00	194.429,3712	8.276.241,5072	892,088m	892,088m	INÍCIO
0+020,00	1	194.423,1936	8.276.222,4852	891,795m	891,662m	
0+027,40	1+7,40	194.420,9066	8.276.215,4431	891,729m	891,528m	PC
0+030,00	1+10,00	194.420,1920	8.276.212,9481	891,708m	891,493m	PIV
0+040,00	2	194.419,1102	8.276.203,0373	891,640m	891,414m	
0+060,00	3	194.424,8862	8.276.184,1431	891,507m	891,345m	
0+080,00	4	194.439,5617	8.276.170,9149	891,268m	891,111m	
0+080,95	4+0,95	194.440,4169	8.276.170,5014	891,260m	891,092m	PT
0+080,95	4+0,95	194.440,4169	8.276.170,5013	891,260m	891,092m	PC
0+100,00	5	194.456,7273	8.276.160,7233	890,785m	890,547m	
0+100,00	5	194.456,7273	8.276.160,7233	890,785m	890,547m	PCV
0+120,00	6	194.471,3329	8.276.147,1169	888,388m	889,961m	
0+140,00	7	194.482,6984	8.276.130,7070	889,026m	889,663m	PTV
0+140,00	7	194.482,6984	8.276.130,7070	889,026m	889,663m	
0+160,00	8	194.490,3003	8.276.112,2497	889,828m	889,510m	
0+180,00	9	194.493,7883	8.276.092,5953	889,862m	889,357m	
0+192,87	9+12,87	194.493,7744	8.276.079,7352	889,808m	889,258m	PT
0+197,65	9+17,65	194.493,4389	8.276.074,9698	889,810m	889,222m	PIV
0+197,65	9+17,65	194.493,4389	8.276.074,9697	889,810m	0,000	FINAL

05-Est.1150_Rotatória						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0+0,00	194.508,3246	8.276.135,1410	889,766m	889,790m	INÍCIO
0+000,00	0	194.508,3247	8.276.135,1410	889,766m	889,790m	PCV
0+000,00	0	194.508,3249	8.276.135,1410	889,766m	889,790m	PC
0+004,24	0+4,24	194.512,5464	8.276.135,4395	889,652m	889,800m	PB
0+010,00	0+10,00	194.518,1405	8.276.136,7922	889,508m	889,781m	PIV
0+020,00	1	194.526,8757	8.276.141,5641	889,746m	889,659m	PTV
0+020,00	1	194.526,8758	8.276.141,5642	889,746m	889,659m	
0+040,00	2	194.537,4828	8.276.158,0836	889,658m	889,302m	
0+047,12	2+7,12	194.538,3246	8.276.165,1405	889,699m	889,218m	PT
0+047,12	2+7,12	194.538,3246	8.276.165,1410	889,699m	889,218m	PC
0+050,56	2+10,56	194.538,1283	8.276.168,5676	889,691m	889,208m	
0+060,00	3	194.535,6036	8.276.177,6252	889,774m	889,283m	
0+080,00	4	194.522,0430	8.276.191,8207	890,030m	889,941m	
0+086,28	4+6,28	194.516,1977	8.276.194,0895	890,125m	890,253m	PCV
0+094,25	4+14,25	194.508,3245	8.276.195,1410	890,246m	890,587m	PT
0+094,25	4+14,25	194.508,3244	8.276.195,1410	890,246m	890,587m	PC
0+100,00	5	194.502,6078	8.276.194,5913	890,362m	890,749m	
0+106,28	5+6,28	194.496,6111	8.276.192,7597	890,417m	890,852m	PIV
0+111,33	5+11,33	194.492,1497	8.276.190,4070	890,334m	890,877m	PB
0+120,00	6	194.485,6207	8.276.184,7505	890,466m	890,802m	
0+126,28	6+6,28	194.482,0405	8.276.179,6030	890,202m	890,655m	PTV
0+140,00	7	194.478,3559	8.276.166,5125	890,360m	890,247m	
0+141,37	7+1,37	194.478,3246	8.276.165,1410	890,312m	890,206m	PT
0+141,37	7+1,37	194.478,3246	8.276.165,1409	890,312m	890,206m	PC
0+150,00	7+10,00	194.479,5568	8.276.156,6314	888,086m	889,950m	PCV
0+160,00	8	194.483,9245	8.276.147,6871	889,416m	889,739m	
0+167,22	8+7,22	194.488,7877	8.276.142,3745	889,442m	889,694m	
0+170,00	8+10,00	194.490,9784	8.276.140,6643	889,496m	889,701m	PTV
0+180,00	9	194.499,9418	8.276.136,3360	889,716m	889,749m	
0+188,50	9+8,50	194.508,3243	8.276.135,1410	889,766m	889,790m	PT
0+188,50	9+8,50	194.508,3243	8.276.135,1410	889,766m	889,790m	PIV
0+188,50	9+8,50	194.508,3246	8.276.135,1410	0,000	0,000	FINAL

06-Est.1390_Retorno						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0+0,00	196.351,9378	8.280.061,0045	884,393m	884,393m	INÍCIO
0+000,00	0	196.351,9378	8.280.061,0046	884,393m	884,393m	PCV
0+000,00	0	196.351,9378	8.280.061,0046	884,393m	884,393m	PC
0+020,00	1	196.354,0200	8.280.080,8937	884,714m	884,744m	
0+025,00	1+5,00	196.354,6957	8.280.085,8478	884,777m	884,791m	PIV
0+040,00	2	196.357,0936	8.280.100,6540	884,894m	884,878m	
0+055,06	2+15,06	196.360,0580	8.280.115,4191	884,913m	884,907m	PB
0+060,00	3	196.361,1510	8.280.120,2360	884,896m	884,904m	
0+065,00	3+5,00	196.362,3180	8.280.125,0979	884,873m	884,894m	PTV
0+070,00	3+10,00	196.363,5456	8.280.129,9448	885,104m	884,881m	PCV
0+080,00	4	196.366,1821	8.280.139,5907	886,588m	884,830m	
0+100,00	5	196.372,1741	8.280.158,6698	887,273m	884,568m	
0+108,67	5+8,67	196.375,0683	8.280.166,8474	888,480m	884,389m	PT
0+108,67	5+8,67	196.375,0683	8.280.166,8475	888,480m	884,389m	PC
0+120,00	6	196.378,8112	8.280.177,5358	888,437m	884,096m	
0+130,00	6+10,00	196.381,8635	8.280.187,0584	887,957m	883,781m	PIV
0+140,00	7	196.384,6768	8.280.196,6542	886,693m	883,413m	
0+160,00	8	196.389,5794	8.280.216,0418	884,187m	882,520m	
0+180,00	9	196.393,5070	8.280.235,6503	881,828m	881,416m	
0+190,00	9+10,00	196.395,1020	8.280.245,5220	880,717m	880,785m	PTV
0+200,00	10	196.396,4497	8.280.255,4305	879,618m	880,128m	
0+220,00	11	196.398,4000	8.280.275,3331	877,207m	878,813m	
0+240,00	12	196.399,3533	8.280.295,3083	874,814m	877,498m	
0+260,00	13	196.399,3070	8.280.315,3061	873,393m	876,184m	
0+280,00	14	196.398,2612	8.280.335,2767	872,834m	874,869m	
0+300,00	15	196.396,2187	8.280.355,1700	872,005m	873,555m	
0+320,00	16	196.393,1845	8.280.374,9364	870,994m	872,240m	
0+326,02	16+6,02	196.392,0772	8.280.380,8583	870,696m	871,844m	PT
0+326,02	16+6,02	196.392,0772	8.280.380,8585	870,696m	871,844m	PC
0+340,00	17	196.389,6454	8.280.394,6198	870,221m	870,926m	
0+360,00	18	196.387,0046	8.280.414,4426	869,551m	869,611m	
0+380,00	19	196.385,3579	8.280.434,3726	868,326m	868,297m	
0+400,00	20	196.384,7093	8.280.454,3600	867,005m	866,982m	
0+420,00	21	196.385,0604	8.280.474,3548	865,627m	865,668m	
0+434,70	21+14,70	196.385,9556	8.280.489,0260	864,702m	864,702m	PT
0+434,70	21+14,70	196.385,9556	8.280.489,0262	864,702m	864,702m	FINAL

07-VC-201_Ramo A						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0+0,00	196.332,3270	8.280.744,8115	849,720m	849,720m	INÍCIO
0+008,00	0+8,00	196.339,4232	8.280.741,1176	850,143m	850,145m	PCV
0+015,34	0+15,34	196.345,9368	8.280.737,7270	850,591m	850,567m	PC
0+020,00	1	196.350,0025	8.280.735,4579	850,832m	850,867m	
0+023,00	1+3,00	196.352,5490	8.280.733,8723	850,972m	851,074m	PIV
0+033,00	1+13,00	196.360,5757	8.280.727,9189	851,536m	851,914m	PTV
0+033,00	1+13,00	196.360,5761	8.280.727,9186	851,536m	851,914m	PCV
0+040,00	2	196.365,7225	8.280.723,1776	851,840m	852,545m	
0+048,00	2+8,00	196.371,0708	8.280.717,2327	852,258m	853,148m	PIV
0+060,00	3	196.377,9153	8.280.707,3898	852,968m	853,812m	
0+063,00	3+3,00	196.379,3899	8.280.704,7774	853,148m	853,933m	PTV
0+065,00	3+5,00	196.380,3180	8.280.703,0059	853,265m	854,008m	PCV
0+075,00	3+15,00	196.384,2796	8.280.693,8311	853,954m	854,392m	PIV
0+080,00	4	196.385,8229	8.280.689,0762	854,255m	854,592m	
0+085,00	4+5,00	196.387,0663	8.280.684,2341	854,514m	854,796m	PTV
0+100,00	5	196.388,9536	8.280.669,3754	855,235m	855,416m	
0+108,95	5+8,95	196.388,7449	8.280.660,4351	855,623m	855,786m	PT
0+108,95	5+8,95	196.388,7444	8.280.660,4289	0,000	0,000	FINAL

07-VC-201_Ramo B						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0+0,00	196.398,2880	8.280.763,0221	852,900m	853,139m	INÍCIO
0+000,00	0	196.398,2879	8.280.763,0215	852,900m	853,139m	PC
0+018,00	0+18,00	196.390,4013	8.280.747,1415	852,941m	853,538m	PCV
0+020,00	1	196.388,9748	8.280.745,7402	852,890m	853,567m	
0+020,94	1+0,94	196.388,2743	8.280.745,1163	852,865m	853,571m	PB
0+028,00	1+8,00	196.382,4363	8.280.741,1719	852,589m	853,382m	PIV
0+040,00	2	196.370,9689	8.280.737,9177	851,882m	852,502m	
0+043,00	2+3,00	196.367,9712	8.280.737,8383	851,684m	852,206m	PTV
0+045,00	2+5,00	196.365,9743	8.280.737,9519	851,562m	851,999m	PCV
0+055,00	2+15,00	196.356,3476	8.280.740,4804	850,960m	851,114m	PIV
0+056,69	2+16,69	196.354,8264	8.280.741,2184	850,855m	850,992m	PT
0+060,00	3	196.351,8911	8.280.742,7461	850,653m	850,764m	
0+070,00	3+10,00	196.343,0206	8.280.747,3627	850,010m	850,163m	PTV
0+078,31	3+18,31	196.335,6510	8.280.751,1982	849,578m	849,720m	PIV
0+078,31	3+18,31	196.335,6510	8.280.751,1982	849,578m	849,720m	FINAL

08-Est.1448_Retorno						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0+0,00	197.162,5567	8.281.024,0839	840,937m	840,937m	INÍCIO
0+000,02	0+0,02	197.162,5345	8.281.024,0746	840,936m	840,936m	PC
0+015,00	0+15,00	197.148,6043	8.281.018,5788	840,725m	840,718m	PCV
0+020,00	1	197.143,9089	8.281.016,8605	840,632m	840,640m	
0+040,00	2	197.124,9234	8.281.010,5782	840,215m	840,221m	
0+045,00	2+5,00	197.120,1298	8.281.009,1566	840,098m	840,090m	PIV
0+060,00	3	197.105,6476	8.281.005,2527	839,652m	839,634m	
0+075,00	3+15,00	197.091,0293	8.281.001,8945	839,070m	839,082m	PTV
0+080,00	4	197.086,1298	8.281.000,8971	838,888m	838,882m	
0+100,00	5	197.066,4186	8.280.997,5225	841,177m	838,084m	
0+120,00	6	197.046,5635	8.280.995,1373	839,504m	837,285m	
0+139,77	6+19,77	197.026,8403	8.280.993,7576	836,619m	836,496m	PT
0+139,90	6+19,90	197.026,7167	8.280.993,7520	836,601m	836,491m	PC
0+140,00	7	197.026,6139	8.280.993,7473	836,586m	836,486m	
0+160,00	8	197.006,6655	8.280.992,3410	834,460m	835,688m	
0+175,00	8+15,00	196.991,7640	8.280.990,6328	834,092m	835,089m	PCV
0+180,00	9	196.986,8123	8.280.989,9394	833,945m	834,895m	
0+200,00	10	196.967,1040	8.280.986,5486	833,363m	834,225m	
0+201,46	10+1,46	196.965,6697	8.280.986,2620	833,324m	834,183m	PT
0+220,00	11	196.947,4983	8.280.982,5966	832,802m	833,729m	
0+240,00	12	196.927,8932	8.280.978,6421	832,239m	833,404m	
0+260,00	13	196.908,2880	8.280.974,6875	831,676m	833,253m	
0+267,59	13+7,59	196.900,8473	8.280.973,1867	831,462m	833,240m	
0+275,00	13+15,00	196.893,5842	8.280.971,7216	831,588m	833,252m	PIV
0+280,00	14	196.888,6829	8.280.970,7330	831,784m	833,273m	
0+300,00	15	196.869,0778	8.280.966,7785	833,334m	833,467m	
0+320,00	16	196.849,4726	8.280.962,8239	834,628m	833,832m	
0+340,00	17	196.829,8675	8.280.958,8694	835,497m	834,371m	
0+360,00	18	196.810,2623	8.280.954,9148	836,325m	835,082m	
0+375,00	18+15,00	196.795,5585	8.280.951,9489	836,410m	835,728m	PTV
0+380,00	19	196.790,6572	8.280.950,9603	836,374m	835,960m	
0+400,00	20	196.771,0521	8.280.947,0057	837,021m	836,886m	
0+420,00	21	196.751,4469	8.280.943,0512	838,295m	837,812m	
0+440,00	22	196.731,8418	8.280.939,0966	838,921m	838,739m	
0+440,96	22+0,96	196.730,9042	8.280.938,9075	838,898m	838,783m	PC
0+460,00	23	196.712,1694	8.280.935,4984	839,671m	839,665m	
0+480,00	24	196.692,3691	8.280.932,6889	840,618m	840,592m	
0+500,00	25	196.672,4723	8.280.930,6734	841,519m	841,518m	
0+520,00	26	196.652,5107	8.280.929,4553	842,445m	842,445m	
0+527,30	26+7,30	196.645,2167	8.280.929,2097	842,783m	842,783m	PT
0+527,30	26+7,30	196.645,2166	8.280.929,2097	842,783m	842,783m	PIV
0+527,30	26+7,30	196.645,2166	8.280.929,2097	842,783m	842,783m	FINAL

09-Est.1705_Retorno						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0+0,00	202.295,1090	8.281.099,7670	864,763m	861,038m	INÍCIO
0+000,00	0	202.295,1090	8.281.099,7670	864,763m	861,038m	PIV
0+007,46	0+7,46	202.288,2772	8.281.102,7607	863,930m	860,590m	PC
0+020,00	1	202.276,8550	8.281.107,9378	862,826m	859,838m	
0+040,00	2	202.258,9182	8.281.116,7818	859,850m	858,638m	
0+060,00	3	202.241,3494	8.281.126,3361	857,611m	857,438m	
0+080,00	4	202.224,1767	8.281.136,5854	854,893m	856,238m	
0+100,00	5	202.207,4277	8.281.147,5131	852,515m	855,038m	
0+117,52	5+17,52	202.193,1237	8.281.157,6303	850,513m	853,986m	PT
0+120,00	6	202.191,1253	8.281.159,0969	850,363m	853,838m	
0+140,00	7	202.175,0018	8.281.170,9303	849,214m	852,638m	
0+154,48	7+14,48	202.163,3272	8.281.179,4986	848,619m	851,769m	PC
0+160,00	8	202.158,8602	8.281.182,7392	848,633m	851,438m	
0+180,00	9	202.142,3783	8.281.194,0658	850,148m	850,238m	
0+200,00	10	202.125,4566	8.281.204,7242	852,945m	849,038m	
0+220,00	11	202.108,1222	8.281.214,6975	855,866m	847,838m	
0+240,00	12	202.090,4028	8.281.223,9695	858,486m	846,638m	
0+260,00	13	202.072,3269	8.281.232,5256	855,460m	845,438m	
0+264,54	13+4,54	202.068,1737	8.281.234,3681	853,102m	845,165m	PT
0+280,00	14	202.054,0169	8.281.240,5718	852,687m	844,238m	
0+300,00	15	202.035,6985	8.281.248,5990	853,067m	843,038m	
0+320,00	16	202.017,3801	8.281.256,6263	851,550m	841,838m	
0+340,00	17	201.999,0617	8.281.264,6536	849,772m	840,638m	
0+360,00	18	201.980,7434	8.281.272,6809	848,654m	839,438m	
0+380,00	19	201.962,4250	8.281.280,7082	845,593m	838,238m	
0+400,00	20	201.944,1066	8.281.288,7355	840,642m	837,038m	
0+420,00	21	201.925,7883	8.281.296,7627	834,791m	835,838m	
0+420,00	21	201.925,7883	8.281.296,7627	834,791m	835,838m	PCV
0+440,00	22	201.907,4699	8.281.304,7900	831,661m	834,750m	
0+460,00	23	201.889,1515	8.281.312,8173	830,765m	833,888m	
0+480,00	24	201.870,8331	8.281.320,8446	829,211m	833,251m	
0+500,00	25	201.852,5148	8.281.328,8719	828,946m	832,839m	
0+510,00	25+10,00	201.843,3556	8.281.332,8855	828,814m	832,717m	PIV
0+520,00	26	201.834,1964	8.281.336,8992	828,687m	832,652m	
0+526,59	26+6,59	201.828,1595	8.281.339,5446	828,651m	832,640m	
0+540,00	27	201.815,8780	8.281.344,9264	828,577m	832,690m	
0+560,00	28	201.797,5597	8.281.352,9537	828,470m	832,954m	
0+580,00	29	201.779,2413	8.281.360,9810	829,135m	833,443m	
0+600,00	30	201.760,9229	8.281.369,0083	829,933m	834,156m	
0+600,00	30	201.760,9229	8.281.369,0083	829,933m	834,156m	PTV
0+620,00	31	201.742,6045	8.281.377,0356	831,412m	834,983m	
0+620,00	31	201.742,6045	8.281.377,0356	831,412m	834,983m	PCV
0+626,21	31+6,21	201.736,9134	8.281.379,5295	831,871m	835,230m	PC
0+640,00	32	201.724,2115	8.281.384,8881	832,719m	835,706m	
0+660,00	33	201.705,5334	8.281.392,0347	834,356m	836,221m	
0+680,00	34	201.686,5844	8.281.398,4286	838,225m	836,530m	
0+699,77	34+19,77	201.667,6121	8.281.404,0006	840,305m	836,631m	PB
0+700,00	35	201.667,3949	8.281.404,0597	840,323m	836,631m	

09-Est.1705_Retorno						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+700,00	35	201.667,3949	8.281.404,0597	840,323m	836,631m	PIV
0+720,00	36	201.647,9955	8.281.408,9189	839,309m	836,525m	
0+736,28	36+16,28	201.632,0752	8.281.412,2982	837,176m	836,286m	PT
0+740,00	37	201.628,4200	8.281.413,0121	837,048m	836,212m	
0+760,00	38	201.608,7909	8.281.416,8458	835,442m	835,692m	
0+773,24	38+13,24	201.595,8003	8.281.419,3830	833,812m	835,233m	PC
0+780,00	39	201.589,1707	8.281.420,7244	832,977m	834,964m	
0+780,00	39	201.589,1707	8.281.420,7244	832,977m	834,964m	PTV
0+800,00	40	201.569,6824	8.281.425,2137	831,646m	834,133m	
0+820,00	41	201.550,3893	8.281.430,4788	832,077m	833,302m	
0+840,00	42	201.531,3221	8.281.436,5111	831,762m	832,471m	
0+860,00	43	201.512,5114	8.281.443,3011	831,393m	831,640m	
0+880,00	44	201.493,9873	8.281.450,8379	830,789m	830,809m	
0+883,30	44+3,30	201.490,9621	8.281.452,1517	830,664m	830,672m	PT
0+885,33	44+5,33	201.489,1007	8.281.452,9674	830,587m	830,587m	FINAL

10-Est.2008_Retorno						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0+0,00	207.730,6418	8.281.380,3388	839,399m	837,428m	INÍCIO
0+000,00	0	207.730,6418	8.281.380,3388	839,399m	837,428m	PIV
0+003,27	0+3,27	207.727,7157	8.281.381,7985	839,225m	837,337m	PC
0+020,00	1	207.712,8728	8.281.389,5158	838,392m	836,874m	
0+030,00	1+10,00	207.704,1270	8.281.394,3643	837,816m	836,597m	PCV
0+040,00	2	207.695,4799	8.281.399,3866	837,177m	836,330m	
0+060,00	3	207.678,4956	8.281.409,9451	836,135m	835,851m	
0+080,00	4	207.661,9472	8.281.421,1743	834,627m	835,447m	
0+100,00	5	207.645,8610	8.281.433,0563	832,890m	835,117m	
0+113,33	5+13,33	207.635,4074	8.281.441,3302	832,470m	834,939m	PT
0+120,00	6	207.630,2346	8.281.445,5377	832,252m	834,863m	
0+130,00	6+10,00	207.622,4769	8.281.451,8478	831,890m	834,763m	PIV
0+140,00	7	207.614,7192	8.281.458,1580	831,548m	834,682m	
0+150,29	7+10,29	207.606,7347	8.281.464,6526	831,208m	834,619m	PC
0+160,00	8	207.599,1448	8.281.470,7048	830,886m	834,577m	
0+178,20	8+18,20	207.584,6082	8.281.481,6469	830,260m	834,546m	
0+180,00	9	207.583,1452	8.281.482,7030	830,206m	834,547m	
0+200,00	10	207.566,6785	8.281.494,0519	831,029m	834,591m	
0+220,00	11	207.549,7712	8.281.504,7332	833,276m	834,709m	
0+230,00	11+10,00	207.541,1608	8.281.509,8182	833,819m	834,797m	PTV
0+240,00	12	207.532,4503	8.281.514,7299	834,102m	834,894m	
0+260,00	13	207.514,7435	8.281.524,0259	834,633m	835,087m	
0+260,35	13+0,35	207.514,4264	8.281.524,1842	834,640m	835,091m	PT
0+280,00	14	207.496,8469	8.281.532,9539	835,063m	835,281m	
0+300,00	15	207.478,9502	8.281.541,8819	835,285m	835,474m	
0+320,00	16	207.461,0535	8.281.550,8098	836,045m	835,668m	
0+340,00	17	207.443,1568	8.281.559,7378	837,227m	835,861m	
0+360,00	18	207.425,2601	8.281.568,6657	837,024m	836,055m	
0+380,00	19	207.407,3634	8.281.577,5936	837,321m	836,248m	
0+400,00	20	207.389,4667	8.281.586,5216	837,687m	836,442m	
0+420,00	21	207.371,5700	8.281.595,4495	837,018m	836,635m	
0+440,00	22	207.353,6733	8.281.604,3775	837,490m	836,829m	
0+460,00	23	207.335,7766	8.281.613,3054	837,909m	837,022m	
0+480,00	24	207.317,8799	8.281.622,2333	837,539m	837,216m	
0+500,00	25	207.299,9832	8.281.631,1613	837,215m	837,409m	
0+520,00	26	207.282,0865	8.281.640,0892	837,735m	837,603m	
0+522,02	26+2,02	207.280,2749	8.281.640,9929	837,686m	837,623m	PC
0+540,00	27	207.264,0490	8.281.648,7263	837,261m	837,797m	
0+560,00	28	207.245,6823	8.281.656,6389	836,750m	837,990m	
0+580,00	29	207.227,0138	8.281.663,8108	836,012m	838,184m	
0+580,00	29	207.227,0138	8.281.663,8108	836,012m	838,184m	PCV
0+600,00	30	207.208,0735	8.281.670,2303	835,565m	838,410m	
0+620,00	31	207.188,8916	8.281.675,8873	836,040m	838,704m	
0+632,09	31+12,09	207.177,1952	8.281.678,9325	836,346m	838,914m	PT
0+640,00	32	207.169,5136	8.281.680,8336	836,731m	839,064m	
0+660,00	33	207.150,0993	8.281.685,6383	838,030m	839,491m	
0+669,05	33+9,05	207.141,3173	8.281.687,8117	838,674m	839,706m	PC
0+670,00	33+10,00	207.140,3924	8.281.688,0416	838,741m	839,729m	PIV

10-Est.2008_Retorno						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+680,00	34	207.130,7147	8.281.690,5593	838,972m	839,984m	
0+700,00	35	207.111,5200	8.281.696,1728	840,056m	840,544m	
0+720,00	36	207.092,5652	8.281.702,5494	840,610m	841,171m	
0+740,00	37	207.073,8805	8.281.709,6789	841,264m	841,864m	
0+760,00	38	207.055,4959	8.281.717,5499	842,088m	842,624m	
0+760,00	38	207.055,4959	8.281.717,5499	842,088m	842,624m	PTV
0+779,11	38+19,11	207.038,2376	8.281.725,7513	842,858m	843,381m	PT
0+780,00	39	207.037,4403	8.281.726,1490	842,894m	843,417m	
0+785,33	39+5,33	207.032,6705	8.281.728,5285	843,109m	843,628m	FINAL

11-Est.2865_Retorno						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0+0,00	224.619,2603	8.282.074,8905	1.000,293m	1.001,114m	INÍCIO
0+012,97	0+12,97	224.606,2892	8.282.074,9307	1.000,468m	1.001,241m	PC
0+020,00	1	224.599,2608	8.282.075,0019	1.000,535m	1.001,311m	
0+040,00	2	224.579,2759	8.282.075,7448	1.000,693m	1.001,508m	
0+050,00	2+10,00	224.569,2986	8.282.076,4158	1.000,959m	1.001,606m	PCV
0+060,00	3	224.559,3367	8.282.077,2863	1.001,232m	1.001,698m	
0+080,00	4	224.539,4752	8.282.079,6239	1.001,405m	1.001,839m	
0+100,00	5	224.519,7229	8.282.082,7538	1.001,881m	1.001,923m	
0+119,99	5+19,99	224.500,1263	8.282.086,6680	1.001,737m	1.001,951m	PB
0+120,00	6	224.500,1117	8.282.086,6712	1.001,736m	1.001,951m	
0+123,03	6+3,03	224.497,1517	8.282.087,3337	1.001,713m	1.001,951m	PT
0+140,00	7	224.480,6059	8.282.091,0897	1.001,694m	1.001,923m	
0+150,00	7+10,00	224.470,8540	8.282.093,3034	1.001,679m	1.001,888m	PTV
0+150,00	7+10,00	224.470,8535	8.282.093,3035	1.001,679m	1.001,888m	PCV
0+159,99	7+19,99	224.461,1084	8.282.095,5157	1.001,607m	1.001,849m	PC
0+160,00	8	224.461,1021	8.282.095,5171	1.001,607m	1.001,849m	
0+180,00	9	224.441,5149	8.282.099,5531	1.001,391m	1.001,793m	
0+200,00	10	224.421,7820	8.282.102,8026	1.001,342m	1.001,765m	
0+210,03	10+10,03	224.411,8412	8.282.104,1344	1.001,349m	1.001,761m	
0+220,00	11	224.401,9350	8.282.105,2604	1.001,361m	1.001,764m	
0+240,00	12	224.382,0055	8.282.106,9226	1.001,496m	1.001,793m	
0+250,00	12+10,00	224.372,0203	8.282.107,4544	1.001,606m	1.001,817m	PTV
0+260,00	13	224.362,0255	8.282.107,7864	1.001,707m	1.001,845m	
0+270,06	13+10,06	224.351,9708	8.282.107,9187	1.001,610m	1.001,874m	PT
0+280,00	14	224.342,0266	8.282.107,9495	1.001,635m	1.001,902m	
0+300,00	15	224.322,0267	8.282.108,0114	1.001,713m	1.001,958m	
0+320,00	16	224.302,0268	8.282.108,0734	1.001,791m	1.002,014m	
0+340,00	17	224.282,0269	8.282.108,1353	1.001,869m	1.002,071m	
0+360,00	18	224.262,0270	8.282.108,1973	1.001,980m	1.002,127m	
0+370,00	18+10,00	224.252,0270	8.282.108,2283	1.002,043m	1.002,155m	PCV
0+380,00	19	224.242,0271	8.282.108,2592	1.002,108m	1.002,187m	
0+400,00	20	224.222,0272	8.282.108,3212	1.002,288m	1.002,275m	
0+420,00	21	224.202,0273	8.282.108,3831	1.002,459m	1.002,395m	
0+440,00	22	224.182,0274	8.282.108,4451	1.002,613m	1.002,547m	
0+460,00	23	224.162,0274	8.282.108,5070	1.002,768m	1.002,730m	
0+480,00	24	224.142,0275	8.282.108,5690	1.002,923m	1.002,945m	
0+500,00	25	224.122,0276	8.282.108,6309	1.003,146m	1.003,192m	
0+520,00	26	224.102,0277	8.282.108,6929	1.003,392m	1.003,471m	
0+531,73	26+11,73	224.090,3022	8.282.108,7292	1.003,537m	1.003,649m	PC
0+540,00	27	224.082,0280	8.282.108,6864	1.003,644m	1.003,782m	
0+560,00	28	224.062,0405	8.282.108,0175	1.003,940m	1.004,124m	
0+580,00	29	224.042,0958	8.282.106,5499	1.004,248m	1.004,498m	
0+600,00	30	224.022,2257	8.282.104,2859	1.004,764m	1.004,904m	
0+620,00	31	224.002,4620	8.282.101,2291	1.005,246m	1.005,342m	
0+630,00	31+10,00	223.992,6300	8.282.099,4049	1.005,459m	1.005,572m	PTV
0+640,00	32	223.982,8364	8.282.097,3845	1.005,687m	1.005,807m	
0+641,79	32+1,79	223.981,0898	8.282.097,0026	1.005,728m	1.005,848m	PT
0+660,00	33	223.963,3049	8.282.093,0810	1.006,031m	1.006,182m	

11-Est.2865_Retorno						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+678,75	33+18,75	223.944,9966	8.282.089,0441	1.006,193m	1.006,363m	PC
0+680,00	34	223.943,7737	8.282.088,7760	1.006,203m	1.006,369m	
0+689,85	34+9,85	223.934,1334	8.282.086,7749	1.006,396m	1.006,392m	PB
0+700,00	35	223.924,1522	8.282.084,9103	1.006,460m	1.006,368m	
0+720,00	36	223.904,3918	8.282.081,8323	1.006,201m	1.006,178m	
0+740,00	37	223.884,5241	8.282.079,5470	1.005,921m	1.005,894m	
0+760,00	38	223.864,5810	8.282.078,0581	1.005,747m	1.005,610m	
0+780,00	39	223.844,5942	8.282.077,3678	1.005,326m	1.005,326m	
0+788,81	39+8,81	223.835,7842	8.282.077,3175	1.005,032m	1.005,201m	PT
0+800,00	40	223.824,5945	8.282.077,3521	1.004,875m	1.005,042m	
0+805,33	40+5,33	223.819,2641	8.282.077,3686	1.004,824m	1.004,966m	FINAL

12-DF-405_Ramo A						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0+0,00	230.955,5582	8.280.489,1529	1.161,787m	1.162,676m	INÍCIO
0+005,71	0+5,71	230.958,4483	8.280.484,2306	1.161,832m	1.162,718m	PC
0+020,00	1	230.964,4701	8.280.471,2931	1.162,014m	1.162,822m	
0+030,00	1+10,00	230.967,1709	8.280.461,6724	1.162,281m	1.162,924m	PIV
0+040,00	2	230.968,5688	8.280.451,7780	1.162,632m	1.163,085m	
0+040,00	2	230.968,5688	8.280.451,7778	1.162,632m	1.163,085m	PCV
0+050,00	2+10,00	230.968,6389	8.280.441,7857	1.162,945m	1.163,256m	PIV
0+060,00	3	230.967,3801	8.280.431,8729	1.163,166m	1.163,389m	PTV
0+060,00	3	230.967,3801	8.280.431,8727	1.163,166m	1.163,389m	
0+060,00	3	230.967,3800	8.280.431,8725	1.163,166m	1.163,389m	PCV
0+070,00	3+10,00	230.964,8146	8.280.422,2151	1.163,220m	1.163,474m	PIV
0+079,84	3+19,84	230.961,0584	8.280.413,1269	1.163,362m	1.163,502m	PB
0+080,00	4	230.960,9880	8.280.412,9844	1.163,365m	1.163,502m	PTV
0+080,00	4	230.960,9879	8.280.412,9842	1.163,365m	1.163,502m	
0+080,00	4	230.960,9879	8.280.412,9842	1.163,365m	1.163,502m	PCV
0+080,05	4+0,05	230.960,9648	8.280.412,9374	1.163,366m	1.163,502m	
0+090,00	4+10,00	230.955,9681	8.280.404,3440	1.163,733m	1.163,588m	PIV
0+100,00	5	230.949,8443	8.280.396,4477	1.164,002m	1.163,849m	
0+100,00	5	230.949,8443	8.280.396,4477	1.164,002m	1.163,849m	PTV
0+110,00	5+10,00	230.942,7251	8.280.389,4357	1.164,327m	1.164,198m	PCV
0+120,00	6	230.934,7369	8.280.383,4323	1.164,636m	1.164,522m	
0+125,82	6+5,82	230.929,7426	8.280.380,4453	1.164,742m	1.164,689m	PT
0+130,00	6+10,00	230.926,0754	8.280.378,4410	1.164,821m	1.164,798m	PTV
0+140,00	7	230.917,3006	8.280.373,6449	0,000	1.165,050m	
0+140,33	7+0,33	230.917,0137	8.280.373,4881	0,000	1.165,058m	FINAL

12-DF-405_Ramo B						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0+0,00	230.920,4668	8.280.367,1702	0,000	1.165,058m	INÍCIO
0+000,00	0	230.920,4668	8.280.367,1702	0,000	1.165,058m	PIV
0+000,00	0	230.920,4672	8.280.367,1704	0,000	1.165,058m	PC
0+020,00	1	230.938,8703	8.280.374,9114	1.164,570m	1.164,590m	
0+030,00	1+10,00	230.948,5672	8.280.377,3369	1.164,357m	1.164,355m	PCV
0+040,00	2	230.958,4608	8.280.378,7620	1.164,200m	1.164,138m	
0+045,00	2+5,00	230.963,4492	8.280.379,0944	1.164,132m	1.164,043m	PIV
0+060,00	3	230.978,4251	8.280.378,5624	1.163,883m	1.163,807m	
0+080,00	4	230.997,9346	8.280.374,3208	1.163,471m	1.163,543m	
0+100,00	5	231.016,1797	8.280.366,2132	1.163,125m	1.163,279m	
0+120,00	6	231.032,4029	8.280.354,5762	1.162,821m	1.163,015m	
0+140,00	7	231.045,9310	8.280.339,8927	1.162,664m	1.162,752m	
0+149,25	7+9,25	231.051,1162	8.280.332,2354	1.162,630m	1.162,630m	PT
0+149,25	7+9,25	231.051,1164	8.280.332,2351	1.162,630m	1.162,630m	FINAL

12-DF-405_Ramo C						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0+0,00	231.057,2620	8.280.335,9863	1.162,566m	1.162,619m	INÍCIO
0+010,47	0+10,47	231.051,8088	8.280.344,9202	1.162,584m	1.162,762m	PC
0+020,00	1	231.047,3717	8.280.353,3507	1.162,544m	1.162,892m	
0+025,00	1+5,00	231.045,4823	8.280.357,9790	1.162,521m	1.162,960m	PCV
0+038,90	1+18,90	231.041,8926	8.280.371,3880	1.162,415m	1.163,055m	PB
0+040,00	2	231.041,7158	8.280.372,4726	1.162,406m	1.163,055m	
0+055,00	2+15,00	231.040,9038	8.280.387,4256	1.162,234m	1.162,928m	PTV
0+060,00	3	231.041,2988	8.280.392,4090	1.162,155m	1.162,849m	
0+080,00	4	231.046,1501	8.280.411,7507	1.161,748m	1.162,532m	
0+095,00	4+15,00	231.053,0531	8.280.425,0398	1.161,451m	1.162,258m	PIV
0+100,00	5	231.055,9268	8.280.429,1303	1.161,412m	1.162,150m	
0+110,00	5+10,00	231.062,4586	8.280.436,6926	1.160,864m	1.161,910m	PTV
0+110,00	5+10,00	231.062,4587	8.280.436,6927	1.160,864m	1.161,910m	PCV
0+120,00	6	231.069,9377	8.280.443,3194	1.160,306m	1.161,672m	
0+120,00	6	231.069,9377	8.280.443,3194	1.160,306m	1.161,672m	PIV
0+130,00	6+10,00	231.078,2313	8.280.448,8930	1.159,943m	1.161,470m	PTV
0+132,85	6+12,85	231.080,7274	8.280.450,2762	1.159,864m	1.161,417m	PT
0+137,54	6+17,54	231.084,8652	8.280.452,4673	1.159,734m	1.161,331m	FINAL

12-DF-405_Ramo D						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0+0,00	231.081,4958	8.280.458,8302	1.159,625m	1.161,331m	INÍCIO
0+000,00	0	231.081,4955	8.280.458,8300	1.159,625m	1.161,331m	PC
0+010,00	0+10,00	231.072,4168	8.280.454,6506	1.160,027m	1.161,504m	PCV
0+020,00	1	231.062,9304	8.280.451,5034	1.160,484m	1.161,688m	
0+030,00	1+10,00	231.053,1535	8.280.449,4275	1.161,261m	1.161,896m	PTV
0+030,00	1+10,00	231.053,1533	8.280.449,4274	1.161,261m	1.161,896m	PCV
0+040,00	2	231.043,2067	8.280.448,4484	1.161,484m	1.162,095m	
0+045,00	2+5,00	231.038,2079	8.280.448,3746	1.161,465m	1.162,178m	PIV
0+060,00	3	231.023,2949	8.280.449,8157	1.161,416m	1.162,363m	PTV
0+060,00	3	231.023,2947	8.280.449,8157	1.161,416m	1.162,363m	
0+080,00	4	231.004,1737	8.280.455,5380	1.161,754m	1.162,546m	
0+090,00	4+10,00	230.995,2065	8.280.459,9523	1.161,927m	1.162,622m	PIV
0+100,00	5	230.986,7841	8.280.465,3337	1.162,002m	1.162,668m	
0+110,00	5+10,00	230.979,0100	8.280.471,6161	1.162,073m	1.162,698m	PCV
0+120,00	6	230.971,9811	8.280.478,7213	1.161,728m	1.162,713m	
0+120,00	6	230.971,9808	8.280.478,7216	1.161,728m	1.162,713m	PIV
0+120,05	6+0,05	230.971,9464	8.280.478,7604	1.161,727m	1.162,713m	PB
0+130,00	6+10,00	230.965,7828	8.280.486,5626	1.161,628m	1.162,698m	PTV
0+137,42	6+17,42	230.961,7673	8.280.492,7981	1.161,559m	1.162,676m	PT
0+137,42	6+17,42	230.961,7671	8.280.492,7984	1.161,559m	1.162,676m	PIV
0+137,42	6+17,42	230.961,7671	8.280.492,7984	1.161,559m	1.162,676m	FINAL

12-DF-405_Rotatória						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0+0,00	230.977,1973	8.280.400,2870	1.163,192m	1.163,765m	INÍCIO
0+000,00	0	230.977,1974	8.280.400,2868	1.163,192m	1.163,765m	PCV
0+000,00	0	230.977,1975	8.280.400,2867	1.163,192m	1.163,765m	PC
0+012,71	0+12,71	230.985,0973	8.280.390,4473	1.163,439m	1.163,829m	PB
0+020,00	1	230.991,2519	8.280.386,5804	1.163,402m	1.163,808m	
0+040,00	2	231.010,7728	8.280.384,4995	1.162,931m	1.163,536m	PTV
0+040,00	2	231.010,7729	8.280.384,4996	1.162,931m	1.163,536m	
0+047,12	2+7,12	231.017,4590	8.280.386,9090	1.162,638m	1.163,383m	PT
0+047,12	2+7,12	231.017,4594	8.280.386,9091	1.162,638m	1.163,383m	PC
0+060,00	3	231.027,4011	8.280.394,9355	1.162,206m	1.163,107m	
0+070,00	3+10,00	231.032,2631	8.280.403,6210	1.162,205m	1.162,892m	PCV
0+080,00	4	231.034,0157	8.280.413,4193	1.162,056m	1.162,710m	
0+094,25	4+14,25	231.030,8372	8.280.427,1712	1.161,329m	1.162,561m	PT
0+094,25	4+14,25	231.030,8371	8.280.427,1715	1.161,329m	1.162,561m	PC
0+100,00	5	231.027,7843	8.280.432,0358	1.161,384m	1.162,538m	PIV
0+100,00	5	231.027,7843	8.280.432,0358	1.161,384m	1.162,538m	
0+103,36	5+3,36	231.025,5911	8.280.434,5756	1.161,560m	1.162,534m	
0+120,00	6	231.011,3753	8.280.442,8129	1.161,668m	1.162,623m	
0+130,00	6+10,00	231.001,4542	8.280.443,6195	1.162,092m	1.162,762m	PTV
0+140,00	7	230.991,8154	8.280.441,1356	1.162,056m	1.162,934m	
0+141,37	7+1,37	230.990,5755	8.280.440,5492	1.162,132m	1.162,957m	PT
0+141,37	7+1,37	230.990,5748	8.280.440,5489	1.162,132m	1.162,957m	PC
0+160,00	8	230.977,4805	8.280.427,7223	1.162,955m	1.163,277m	
0+180,00	9	230.974,5094	8.280.408,3168	1.163,028m	1.163,620m	
0+188,50	9+8,50	230.977,1971	8.280.400,2874	1.163,192m	1.163,765m	PT
0+188,50	9+8,50	230.977,1973	8.280.400,2870	1.163,192m	1.163,765m	PIV
0+188,50	9+8,50	230.977,1973	8.280.400,2870	1.163,192m	1.163,765m	FINAL

13-DF-110_Ramo A						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0+0,00	234.942,6369	8.282.480,6593	1.120,190m	1.121,341m	INÍCIO
0+020,00	1	234.962,0273	8.282.484,0000	1.121,418m	1.122,583m	
0+040,00	2	234.979,7068	8.282.475,3639	1.122,309m	1.123,456m	
0+053,73	2+13,73	234.987,2814	8.282.464,0343	1.123,086m	1.123,630m	PB
0+060,00	3	234.988,9913	8.282.458,0160	1.123,125m	1.123,594m	
0+072,72	3+12,72	234.988,7407	8.282.445,3830	0,000	1.123,447m	PIV
0+072,72	3+12,72	234.988,7407	8.282.445,3830	0,000	1.123,447m	FINAL

13-DF-110_Ramo B						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0+0,00	234.995,7694	8.282.443,8218	1.123,333m	1.123,447m	INÍCIO
0+001,99	0+1,99	234.996,2014	8.282.445,7666	1.123,350m	1.123,466m	PC
0+005,00	0+5,00	234.996,9996	8.282.448,6653	1.123,382m	1.123,494m	PCV
0+010,00	0+10,00	234.998,9543	8.282.453,2610	1.123,476m	1.123,592m	PIV
0+015,00	0+15,00	235.001,6444	8.282.457,4688	1.123,659m	1.123,790m	PTV
0+015,00	0+15,00	235.001,6444	8.282.457,4688	1.123,659m	1.123,790m	PCV
0+020,00	1	235.004,9953	8.282.461,1720	1.123,873m	1.124,010m	PIV
0+020,00	1	235.004,9953	8.282.461,1720	1.123,873m	1.124,010m	
0+025,00	1+5,00	235.008,9141	8.282.464,2680	1.123,855m	1.124,174m	PTV
0+033,86	1+13,86	235.016,9081	8.282.468,0087	1.123,884m	1.124,417m	FINAL

13-DF-110_Ramo C						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0+0,00	235.031,8635	8.282.534,3509	1.123,941m	1.124,326m	INÍCIO
0+005,00	0+5,00	235.028,4447	8.282.537,9915	1.124,087m	1.124,221m	PCV
0+007,56	0+7,56	235.026,9398	8.282.540,0646	1.124,261m	1.124,194m	
0+010,00	0+10,00	235.025,6773	8.282.542,1488	1.124,565m	1.124,218m	PIV
0+015,00	0+15,00	235.023,6379	8.282.546,7077	1.124,499m	1.124,421m	PTV
0+015,00	0+15,00	235.023,6379	8.282.546,7077	1.124,499m	1.124,421m	PCV
0+020,00	1	235.022,3831	8.282.551,5417	1.124,432m	1.124,664m	
0+025,00	1+5,00	235.021,9475	8.282.556,5168	1.124,600m	1.124,783m	PTV
0+031,73	1+11,73	235.022,6722	8.282.563,1914	1.124,675m	1.124,858m	PT
0+032,04	1+12,04	235.022,7397	8.282.563,4926	1.124,680m	1.124,862m	PIV
0+032,04	1+12,04	235.022,7397	8.282.563,4928	0,000	0,000	FINAL

13-DF-110_Ramo D						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0+0,00	235.015,7137	8.282.565,0660	1.124,278m	1.124,862m	
0+005,00	0+5,00	235.014,2206	8.282.560,3002	1.124,200m	1.124,807m	PCV
0+010,00	0+10,00	235.011,9575	8.282.555,8481	1.124,103m	1.124,695m	PIV
0+015,00	0+15,00	235.008,9873	8.282.551,8332	1.124,019m	1.124,471m	PTV
0+015,00	0+15,00	235.008,9872	8.282.551,8331	1.124,019m	1.124,471m	PCV
0+020,00	1	235.005,3921	8.282.548,3666	1.123,943m	1.124,236m	
0+025,00	1+5,00	235.001,2717	8.282.545,5445	1.123,938m	1.124,091m	PTV
0+032,00	1+12,00	234.994,8368	8.282.542,8204	0,000	1.123,952m	FINAL

13-DF-110_Ramo E						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0+0,00	234.969,4046	8.282.519,5104	1.122,046m	1.123,137m	INÍCIO
0+010,00	0+10,00	234.965,0229	8.282.510,5339	1.121,852m	1.123,025m	PCV
0+015,00	0+15,00	234.962,2874	8.282.506,3503	1.121,678m	1.122,904m	PIV
0+020,00	1	234.959,2133	8.282.502,4093	1.121,429m	1.122,652m	
0+020,00	1	234.959,2131	8.282.502,4090	1.121,429m	1.122,652m	PTV
0+025,00	1+5,00	234.955,8217	8.282.498,7375	1.121,123m	1.122,336m	PCV
0+030,00	1+10,00	234.952,1361	8.282.495,3608	1.120,812m	1.122,043m	PIV
0+035,00	1+15,00	234.948,1823	8.282.492,3025	1.120,547m	1.121,798m	PTV
0+040,00	2	234.943,9877	8.282.489,5840	1.120,297m	1.121,577m	
0+043,02	2+3,02	234.941,3535	8.282.488,1166	1.120,142m	1.121,444m	PT
0+045,34	2+5,34	234.939,2923	8.282.487,0353	0,000	1.121,341m	FINAL

13-DF-110_Rotatória						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0+0,00	234.998,9163	8.282.476,1695	1.123,560m	1.124,060m	INÍCIO
0+010,00	0+10,00	235.008,8502	8.282.475,5399	1.123,855m	1.124,356m	PCV
0+020,00	1	235.018,4432	8.282.478,1953	1.124,379m	1.124,609m	
0+040,00	2	235.032,5365	8.282.491,8621	1.123,714m	1.124,862m	PIV
0+040,00	2	235.032,5365	8.282.491,8621	1.123,714m	1.124,862m	
0+045,01	2+5,01	235.034,4121	8.282.496,5059	1.123,464m	1.124,872m	PB
0+047,12	2+7,12	235.034,9648	8.282.498,5415	1.123,357m	1.124,871m	PCC
0+060,00	3	235.035,1611	8.282.511,3175	1.123,295m	1.124,778m	
0+070,00	3+10,00	235.031,5997	8.282.520,6124	1.123,182m	1.124,609m	PTV
0+080,00	4	235.025,1931	8.282.528,2303	1.123,999m	1.124,399m	
0+094,25	4+14,25	235.012,5928	8.282.534,5900	1.123,965m	1.124,098m	PCC
0+100,00	5	235.006,9010	8.282.535,3579	1.123,520m	1.123,977m	
0+120,00	6	234.988,1180	8.282.529,6481	1.123,020m	1.123,556m	
0+130,00	6+10,00	234.981,1483	8.282.522,5417	1.122,523m	1.123,345m	PCV
0+140,00	7	234.976,8874	8.282.513,5460	1.122,518m	1.123,198m	
0+141,37	7+1,37	234.976,5443	8.282.512,2180	1.122,497m	1.123,188m	PCC
0+146,66	7+6,66	234.975,7980	8.282.506,9923	1.121,935m	1.123,170m	
0+150,00	7+10,00	234.975,8044	8.282.503,6513	1.121,898m	1.123,177m	PIV
0+160,00	8	234.978,0185	8.282.493,9469	1.122,399m	1.123,283m	
0+170,00	8+10,00	234.983,2860	8.282.485,5011	1.122,135m	1.123,514m	PTV
0+180,00	9	234.991,0269	8.282.479,2437	1.123,332m	1.123,810m	
0+188,50	9+8,50	234.998,9163	8.282.476,1695	0,000	1.124,060m	PIV
0+188,50	9+8,50	234.998,9163	8.282.476,1695	0,000	1.124,060m	FINAL

14-GO-430						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0+0,00	235.818,5587	8.284.181,7952	1.184,774m	1.184,773m	INÍCIO
0+020,00	1	235.823,3167	8.284.162,3694	1.184,489m	1.184,469m	
0+040,00	2	235.828,0747	8.284.142,9436	1.184,186m	1.184,164m	
0+055,00	2+15,00	235.831,6432	8.284.128,3743	1.183,960m	1.183,935m	PCV
0+060,00	3	235.832,8327	8.284.123,5178	1.183,891m	1.183,860m	
0+080,00	4	235.837,5907	8.284.104,0920	1.183,613m	1.183,576m	
0+095,00	4+15,00	235.841,1592	8.284.089,5227	1.183,430m	1.183,383m	PIV
0+100,00	5	235.842,3487	8.284.084,6663	1.183,369m	1.183,322m	
0+120,00	6	235.847,1067	8.284.065,2405	1.183,129m	1.183,098m	
0+135,00	6+15,00	235.850,6752	8.284.050,6711	1.182,992m	1.182,948m	PTV
0+140,00	7	235.851,8647	8.284.045,8147	1.182,961m	1.182,901m	
0+146,89	7+6,89	235.853,5030	8.284.039,1260	1.182,898m	1.182,836m	FINAL

14-GO-430_Ramo A						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0+0,00	235.733,3781	8.284.007,9424	1.177,366m	1.178,234m	INÍCIO
0+000,00	0	235.733,3784	8.284.007,9424	1.177,366m	1.178,234m	PC
0+020,00	1	235.753,3513	8.284.007,0575	1.178,214m	1.178,994m	
0+025,00	1+5,00	235.758,3253	8.284.006,5463	1.178,386m	1.179,184m	PCV
0+040,00	2	235.773,1560	8.284.004,3210	1.178,849m	1.179,834m	
0+055,00	2+15,00	235.787,7955	8.284.001,0674	1.179,270m	1.180,646m	PTV
0+055,00	2+15,00	235.787,7962	8.284.001,0672	1.179,270m	1.180,646m	PCV
0+060,00	3	235.792,6208	8.283.999,7568	1.179,406m	1.180,927m	
0+075,00	3+15,00	235.806,8950	8.283.995,1573	1.179,861m	1.181,560m	PIV
0+080,00	4	235.811,5775	8.283.993,4042	1.179,978m	1.181,712m	
0+100,00	5	235.829,8621	8.283.985,3183	1.180,187m	1.182,166m	
0+105,00	5+5,00	235.834,3096	8.283.983,0338	1.180,162m	1.182,241m	PTV
0+110,00	5+10,00	235.838,7028	8.283.980,6465	1.180,321m	1.182,308m	PCV
0+120,00	6	235.847,3166	8.283.975,5688	1.180,449m	1.182,399m	
0+125,46	6+5,46	235.851,9145	8.283.972,6308	1.180,596m	1.182,412m	PB
0+130,00	6+10,00	235.855,6851	8.283.970,0960	1.180,543m	1.182,403m	PTV
0+140,00	7	235.863,7900	8.283.964,2401	1.180,726m	1.182,363m	
0+146,02	7+6,02	235.868,5356	8.283.960,5348	1.180,769m	1.182,352m	
0+150,00	7+10,00	235.871,6140	8.283.958,0137	1.180,951m	1.182,357m	PIV
0+160,00	8	235.879,1399	8.283.951,4303	1.181,210m	1.182,416m	
0+165,00	8+5,00	235.882,7861	8.283.948,0091	1.181,074m	1.182,462m	PCV
0+175,00	8+15,00	235.889,8348	8.283.940,9170	1.181,649m	1.182,525m	PIV
0+180,00	9	235.893,2335	8.283.937,2499	1.182,126m	1.182,536m	
0+181,17	9+1,17	235.894,0161	8.283.936,3809	1.182,209m	1.182,536m	PB
0+185,00	9+5,00	235.896,5461	8.283.933,5048	1.182,461m	1.182,532m	PTV
0+200,00	10	235.905,9490	8.283.921,8217	1.182,441m	1.182,499m	
0+203,26	10+3,26	235.907,8825	8.283.919,1988	1.182,442m	1.182,492m	PT
0+203,26	10+3,26	235.907,8826	8.283.919,1986	1.182,442m	1.182,492m	FINAL

14-GO-430_Ramo B						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0+0,00	235.834,0940	8.284.103,2356	1.183,660m	1.183,468m	INÍCIO
0+010,00	0+10,00	235.836,4730	8.284.093,5227	1.183,537m	1.183,341m	PCV
0+020,00	1	235.838,8521	8.284.083,8098	1.183,422m	1.183,206m	
0+020,00	1	235.838,8521	8.284.083,8098	1.183,422m	1.183,206m	PIV
0+026,84	1+6,84	235.840,4788	8.284.077,1683	1.183,335m	1.183,104m	PC
0+030,00	1+10,00	235.841,1335	8.284.074,0752	1.183,262m	1.183,054m	PTV
0+035,00	1+15,00	235.841,7663	8.284.069,1175	1.183,208m	1.182,974m	PCV
0+040,00	2	235.841,9010	8.284.064,1214	1.182,965m	1.182,897m	
0+045,00	2+5,00	235.841,5363	8.284.059,1368	1.182,574m	1.182,825m	PIV
0+055,00	2+15,00	235.839,3281	8.284.049,4008	1.181,981m	1.182,698m	PTV
0+060,00	3	235.837,5066	8.284.044,7466	1.182,244m	1.182,640m	
0+080,00	4	235.825,9141	8.284.028,6125	1.181,510m	1.182,408m	
0+100,00	5	235.808,9538	8.284.018,2663	1.180,611m	1.181,895m	
0+117,28	5+17,28	235.792,0259	8.284.015,2734	1.179,734m	1.180,999m	PT
0+120,00	6	235.789,3022	8.284.015,2673	1.179,779m	1.180,819m	
0+120,00	6	235.789,3019	8.284.015,2673	1.179,779m	1.180,819m	PCV
0+135,00	6+15,00	235.774,3022	8.284.015,2338	1.178,989m	1.179,912m	PIV
0+140,00	7	235.769,3022	8.284.015,2226	1.178,791m	1.179,659m	
0+150,00	7+10,00	235.759,3025	8.284.015,2003	1.178,545m	1.179,227m	PTV
0+160,00	8	235.749,3023	8.284.015,1780	1.178,185m	1.178,844m	
0+175,94	8+15,94	235.733,3621	8.284.015,1424	1.177,398m	1.178,234m	FINAL

14-GO-430_Ramo C						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0+0,00	235.913,7104	8.283.923,4267	1.182,045m	1.181,974m	INÍCIO
0+000,00	0	235.913,7103	8.283.923,4268	1.182,045m	1.181,974m	PC
0+013,00	0+13,00	235.906,2728	8.283.934,0878	1.182,033m	1.181,956m	PCV
0+015,35	0+15,35	235.904,9691	8.283.936,0463	1.182,043m	1.181,954m	
0+020,00	1	235.902,4326	8.283.939,9404	1.182,059m	1.181,961m	
0+025,06	1+5,06	235.899,7286	8.283.944,2198	1.182,071m	1.181,982m	PT
0+025,06	1+5,06	235.899,7284	8.283.944,2201	1.182,071m	1.181,982m	PC
0+028,00	1+8,00	235.898,2514	8.283.946,7586	1.182,072m	1.182,001m	PIV
0+040,00	2	235.893,8381	8.283.957,8868	1.181,998m	1.182,133m	
0+043,00	2+3,00	235.893,1614	8.283.960,8089	1.181,941m	1.182,179m	PTV
0+045,00	2+5,00	235.892,8080	8.283.962,7778	1.181,893m	1.182,212m	PCV
0+055,00	2+15,00	235.892,2337	8.283.972,7442	1.181,568m	1.182,397m	PIV
0+060,00	3	235.892,6951	8.283.977,7208	1.181,247m	1.182,502m	
0+075,00	3+15,00	235.897,0032	8.283.992,0302	1.181,915m	1.182,835m	PTV
0+076,95	3+16,95	235.897,8715	8.283.993,7742	1.181,990m	1.182,880m	PT
0+076,95	3+16,95	235.897,8716	8.283.993,7744	1.181,990m	1.182,880m	PIV
0+076,95	3+16,95	235.897,8716	8.283.993,7744	1.181,990m	1.182,880m	FINAL

14-GO-430_Ramo D						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0+0,00	235.877,1944	8.284.048,2751	1.182,696m	1.183,143m	INÍCIO
0+000,00	0	235.877,1941	8.284.048,2752	1.182,696m	1.183,143m	PC
0+010,00	0+10,00	235.868,2672	8.284.052,7444	1.182,592m	1.182,958m	PCV
0+020,00	1	235.860,4061	8.284.058,8980	1.182,566m	1.182,838m	
0+024,05	1+4,05	235.857,5971	8.284.061,8175	1.182,679m	1.182,828m	
0+025,00	1+5,00	235.856,9752	8.284.062,5323	1.182,702m	1.182,828m	PIV
0+040,00	2	235.849,0800	8.284.075,2200	1.183,059m	1.182,995m	PTV
0+040,00	2	235.849,0800	8.284.075,2202	1.183,059m	1.182,995m	
0+048,32	2+8,32	235.846,4386	8.284.083,1006	1.183,240m	1.183,156m	PT
0+050,00	2+10,00	235.846,0391	8.284.084,7315	1.183,264m	1.183,184m	PIV
0+060,00	3	235.843,6601	8.284.094,4444	1.183,404m	1.183,332m	
0+070,81	3+10,81	235.841,0873	8.284.104,9485	1.183,554m	1.183,468m	FINAL

14-GO-430_Rotatória						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0+0,00	235.847,0098	8.283.986,6434	1.181,466m	1.182,471m	INÍCIO
0+000,00	0	235.847,0102	8.283.986,6431	1.181,466m	1.182,471m	PC
0+020,00	1	235.866,0747	8.283.981,9605	1.182,488m	1.182,671m	
0+040,00	2	235.883,9533	8.283.990,0697	1.181,893m	1.182,871m	
0+047,12	2+7,12	235.888,4930	8.283.995,5377	1.181,818m	1.182,942m	PT
0+047,12	2+7,12	235.888,4933	8.283.995,5381	1.181,818m	1.182,942m	PC
0+060,00	3	235.892,9894	8.284.007,4982	1.182,245m	1.183,071m	
0+070,00	3+10,00	235.892,7736	8.284.017,4496	1.182,411m	1.183,171m	PCV
0+080,00	4	235.889,3136	8.284.026,7827	1.182,563m	1.183,245m	
0+089,16	4+9,16	235.883,6150	8.284.033,9112	1.182,560m	1.183,267m	PB
0+094,25	4+14,25	235.879,5986	8.284.037,0216	1.182,522m	1.183,260m	PT
0+100,00	5	235.874,4999	8.284.039,6651	1.182,474m	1.183,236m	
0+120,00	6	235.854,8919	8.284.040,6289	1.182,837m	1.183,019m	
0+130,00	6+10,00	235.845,9329	8.284.036,2914	1.182,687m	1.182,832m	PTV
0+135,00	6+15,00	235.842,1160	8.284.033,0707	1.182,515m	1.182,725m	PCV
0+140,00	7	235.838,8862	8.284.029,2613	1.182,269m	1.182,626m	
0+141,37	7+1,37	235.838,1150	8.284.028,1269	1.182,212m	1.182,602m	PT
0+141,37	7+1,37	235.838,1148	8.284.028,1265	1.182,212m	1.182,602m	PC
0+160,00	8	235.833,3367	8.284.010,4304	1.181,652m	1.182,388m	
0+169,03	8+9,03	235.835,1004	8.284.001,6072	1.181,731m	1.182,362m	
0+180,00	9	235.840,6202	8.283.992,1998	1.181,500m	1.182,400m	
0+185,00	9+5,00	235.844,1915	8.283.988,7087	1.181,417m	1.182,442m	PTV
0+188,50	9+8,50	235.847,0093	8.283.986,6436	1.181,466m	1.182,477m	PT
0+188,50	9+8,50	235.847,0098	8.283.986,6434	1.181,466m	1.182,477m	PIV
0+188,50	9+8,50	235.847,0098	8.283.986,6434	1.181,466m	1.182,477m	FINAL

15-Est.3803_Retorno						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+000,00	0+0,00	240.354,8697	8.282.247,5704	1.112,600m	1.112,600m	INÍCIO
0+004,75	0+4,75	240.351,3654	8.282.250,7706	1.112,660m	1.112,667m	PC
0+020,00	1	240.340,2600	8.282.261,2276	1.112,783m	1.112,880m	
0+040,00	2	240.326,1925	8.282.275,4420	1.112,926m	1.113,160m	
0+060,00	3	240.312,7046	8.282.290,2076	1.113,118m	1.113,440m	
0+080,00	4	240.299,8180	8.282.305,5008	1.113,448m	1.113,720m	
0+100,00	5	240.287,5532	8.282.321,2971	1.113,811m	1.114,001m	
0+114,81	5+14,81	240.278,8847	8.282.333,3018	1.113,936m	1.114,208m	PT
0+120,00	6	240.275,9078	8.282.337,5558	1.113,902m	1.114,281m	
0+140,00	7	240.264,4408	8.282.353,9420	1.113,765m	1.114,561m	
0+151,77	7+11,77	240.257,6936	8.282.363,5837	1.114,609m	1.114,725m	PC
0+160,00	8	240.252,9185	8.282.370,2890	1.114,725m	1.114,841m	
0+180,00	9	240.240,8625	8.282.386,2452	1.115,051m	1.115,121m	
0+200,00	10	240.228,1781	8.282.401,7066	1.115,382m	1.115,401m	
0+220,00	11	240.214,8856	8.282.416,6483	1.115,687m	1.115,681m	
0+240,00	12	240.201,0062	8.282.431,0465	1.115,968m	1.115,961m	
0+260,00	13	240.186,5621	8.282.444,8782	1.116,288m	1.116,241m	
0+261,83	13+1,83	240.185,2129	8.282.446,1148	1.116,307m	1.116,267m	PT
0+280,00	14	240.171,7961	8.282.458,3676	1.116,496m	1.116,521m	
0+300,00	15	240.157,0278	8.282.471,8546	1.116,721m	1.116,801m	
0+315,00	15+15,00	240.145,9516	8.282.481,9698	1.116,522m	1.117,011m	PCV
0+320,00	16	240.142,2596	8.282.485,3416	1.117,010m	1.117,080m	
0+340,00	17	240.127,4913	8.282.498,8285	1.117,300m	1.117,340m	
0+360,00	18	240.112,7230	8.282.512,3155	1.117,527m	1.117,571m	
0+380,00	19	240.097,9548	8.282.525,8025	1.117,656m	1.117,775m	
0+400,00	20	240.083,1865	8.282.539,2895	1.117,833m	1.117,952m	
0+420,00	21	240.068,4183	8.282.552,7764	1.117,951m	1.118,100m	
0+440,00	22	240.053,6500	8.282.566,2634	1.118,111m	1.118,221m	
0+460,00	23	240.038,8817	8.282.579,7504	1.118,184m	1.118,315m	
0+465,00	23+5,00	240.035,1897	8.282.583,1221	1.118,192m	1.118,334m	PIV
0+480,00	24	240.024,1135	8.282.593,2374	1.118,285m	1.118,380m	
0+500,00	25	240.009,3452	8.282.606,7244	1.118,390m	1.118,418m	
0+517,46	25+17,46	239.996,4535	8.282.618,4976	1.118,380m	1.118,429m	PB
0+520,00	26	239.994,5770	8.282.620,2113	1.118,398m	1.118,429m	
0+523,50	26+3,50	239.991,9924	8.282.622,5717	1.118,423m	1.118,428m	PC
0+540,00	27	239.979,6273	8.282.633,4953	1.118,517m	1.118,411m	
0+560,00	28	239.964,1664	8.282.646,1801	1.118,458m	1.118,366m	
0+580,00	29	239.948,2105	8.282.658,2365	1.118,301m	1.118,294m	
0+600,00	30	239.931,7853	8.282.669,6453	1.118,207m	1.118,193m	
0+615,00	30+15,00	239.919,1741	8.282.677,7657	1.118,154m	1.118,100m	PTV
0+620,00	31	239.914,9170	8.282.680,3880	1.118,100m	1.118,066m	
0+633,56	31+13,56	239.903,2399	8.282.687,2852	1.117,982m	1.117,975m	PT
0+640,00	32	239.897,6530	8.282.690,4837	1.117,944m	1.117,931m	
0+660,00	33	239.880,2962	8.282.700,4206	1.117,832m	1.117,796m	
0+670,52	33+10,52	239.871,1643	8.282.705,6486	1.117,728m	1.117,725m	PC
0+680,00	34	239.862,9845	8.282.710,4351	1.117,588m	1.117,661m	
0+700,00	35	239.846,0290	8.282.721,0397	1.117,537m	1.117,526m	
0+720,00	36	239.829,5111	8.282.732,3138	1.117,391m	1.117,391m	

15-Est.3803_Retorno						
KILOMETRO	ESTACA	COORDENADAS		COTA		PONTOS NOTÁVEIS
		ESTE	NORTE	TERRENO (m)	PROJETO (m)	
0+740,00	37	239.813,4573	8.282.744,2395	1.117,297m	1.117,256m	
0+760,00	38	239.797,8932	8.282.756,7976	1.117,202m	1.117,122m	
0+780,00	39	239.782,8438	8.282.769,9681	1.117,015m	1.116,987m	
0+780,58	39+0,58	239.782,4118	8.282.770,3621	1.117,009m	1.116,983m	PT
0+785,33	39+5,33	239.778,9076	8.282.773,5623	1.116,951m	1.116,951m	FINAL

4.2 – PROJETO BÁSICO DE TERRAPLENAGEM

4.2.1 - Introdução

O Projeto Básico de Terraplenagem foi elaborado de forma a definir as escavações e aterros necessários à implantação da plataforma da rodovia, de acordo com os elementos fornecidos pelos estudos topográficos e definições dos Projetos básicos de Geometria e de Interseção, além dos resultados dos estudos geológicos e geotécnicos.

4.2.2 – Metodologia - Rodovia DF-205

4.2.2.1 - Etapas do Projeto

O projeto compreendeu, em linhas gerais os seguintes itens:

- Cálculo dos volumes de cortes e aterros;
- Classificação dos materiais a serem escavados e sua quantificação;
- Definição dos locais de substituição do material de subleito;
- Definição dos segmentos em aterros que necessitam de escalonamento para a execução dos mesmos;
- Determinação, com base na operação ideal do equipamento (objetivando minimizar as distâncias de transporte), da distribuição racional dos volumes a serem escavados em cortes e empréstimos, indicando a origem e a destinação, nas camadas dos aterros ou em eventuais bota-foras;
- Definição das distâncias de transporte dos materiais a escavar;
- Definição do grau de compactação a ser exigido nos aterros;
- Cálculo das áreas de desmatamento, destocamento e limpeza.

4.2.2.2 - Definições Básicas

Os elementos básicos empregados no projeto foram:

- Geometria do traçado em planta e greide definidos no projeto geométrico;
- Larguras de plataforma, em função da espessura de pavimento;
- Largura da pista
- Inclinação da pista em tangente: 3 %
- Inclinação máxima em curva: 10 %

A geometria dos taludes foi definida em função dos materiais ocorrentes e da observação dos taludes das pistas atuais. Adotaram-se:

- Taludes de corte:
 - Inclinação: 1 (V):1 (H);
- Taludes de aterro:
 - Inclinação: 2 (V) : 3 (H);

Os estudos geotécnicos forneceram indicações sobre a qualidade geotécnica, classificação (1ª, 2ª e 3ª categorias) e destinação dos materiais escavados. O grau mínimo de compactação a ser utilizado no corpo do aterro e camada final, e fator de compactação.

4.2.2.3 – Análise do Perfil Geotécnico Longitudinal

Com base na análise do perfil geotécnico longitudinal do trecho, onde se encontra caracterizada a natureza do terreno, tornou-se possível definir a classificação dos materiais, bem como volumes e suas possíveis utilizações como fundo de aterro, miolo de aterro, camada final de aterro, camadas de acabamento de terraplenagem ou ainda, bota-fora.

4.2.2.4 – Seção Transversal de Terraplenagem

A característica da seção transversal tipo, apresenta enorme importância dentro do projeto, com reflexo direto nos aspectos qualitativos e quantitativos, quando da execução dos serviços de terraplenagem.

A seção transversal está de acordo com o projeto geométrico levando em consideração a largura da plataforma e a inclinação dos taludes de corte e aterro, além de sua estabilidade e possíveis interferências.

- Para a inclinação dos taludes e sua estabilidade foram adotados:
 - Corte: 1(H) : 1(V);
 - Aterro: 3(H) : 2(V).
- A seção transversal-tipo padrão para as pistas de rolamento estão apresentadas no item de Projeto de Terraplenagem do Volume 2 – Projeto Básico de Execução.

4.2.2.5 – Determinação dos Volumes de Terraplenagem

Os volumes de terraplenagem foram calculados através da utilização do *software AutoCAD Civil 3D*, tendo sido alimentado com os dados do greide projetado, com as cotas dos pontos das seções transversais do terreno e dos elementos geométricos definidos para a plataforma.

Os volumes gerados pela utilização do programa foram posteriormente ajustados para fins da elaboração da distribuição de massas, levando-se em consideração os seguintes parâmetros:

- Classificação dos solos quanto a sua categoria. O trecho apresenta materiais de 1ª e 2ª categoria.
- Diferenças entre as massas específicas aparente seca entre os materiais de corte e de empréstimo, versus maciços de aterros;
- Volumes de escavação e bota-fora;
- Aplicação do fator de compactação ($k = \gamma_{\text{comp.}} / \gamma_{\text{nat.}} = 1,26$), ao volume geométrico do aterro obtendo-se, o volume necessário à compactação do mesmo;

O volume de aterro obtido pela computação eletrônica refere-se ao volume geométrico compactado, excluindo-se os volumes dos acréscimos normais referentes à limpeza do terreno.

Como os resultados dos ensaios geotécnicos para cálculo do fator de compactação (empolamento) apresentaram um intervalo de variação muito curto, adotou-se o valor médio de 1,26 para o fator de compactação.

4.2.2.6 - Escalonamento

O escalonamento foi indicado em todas as seções de aterro do projeto que houve necessidade de engastamento específico do aterro projetado com o terreno natural, a fim de garantir a estabilidade do maciço após a execução das camadas de terraplenagem e de pavimentação, utilizando o método de escalonamento formando degraus com alturas variáveis e largura operacional mínimo para o equipamento de 4,00 m; Esta sendo apresentado no item de Projeto de Terraplenagem do Volume 2 – Projeto Básico de Execução, a seção tipo de escalonamento.

4.2.2.7 - Substituição do Subleito

No trecho em questão foi indicada a substituição do material que apresentou o CBR < 8% e expansão $\geq 2\%$, cabe informar que esse material foi utilizado em corpo de aterro.

Segue abaixo a planilha com a listagem dos seguimentos em que foram indicadas as substituições do subleito.

NÚMERO	ESTACA INICIAL	ESTACA FINAL	CENTRO GRAVIDADE	VOLUME MATERIAL A SER SUBSTITUIDO	VOLUME DE MATERIAL PARA REPOSIÇÃO
RS-01	107	112	109+10	526,0 m ³	663,0 m ³
RS-02	112	117	114+10	806,0 m ³	1.016,0 m ³
RS-03	117	122	119+10	795,0 m ³	1.002,0 m ³
RS-04	122	127	124+10	769,0 m ³	969,0 m ³
RS-05	176	181	178+10	829,0 m ³	1.045,0 m ³
RS-06	181	185	183+10	431,0 m ³	543,0 m ³
RS-07	294	299	296+10	679,0 m ³	856,0 m ³
RS-08	333	338	335+10	738,0 m ³	930,0 m ³
RS-09	357	362	359+10	830,0 m ³	1.046,0 m ³
RS-10	387	392	389+10	188,0 m ³	237,0 m ³
RS-11	461	466	463+10	508,0 m ³	640,0 m ³
RS-12	466	471	468+10	513,0 m ³	646,0 m ³
RS-13	471	474	472+10	416,0 m ³	524,0 m ³
RS-14	501	506	503+10	108,0 m ³	136,0 m ³
RS-15	515	520	517+10	401,0 m ³	505,0 m ³
RS-16	520	525	522+10	495,0 m ³	624,0 m ³
RS-17	536	541	538+10	702,0 m ³	885,0 m ³
RS-18	541	544	542+10	492,0 m ³	620,0 m ³
RS-19	544	549	546+10	819,0 m ³	1.032,0 m ³
RS-20	549	554	551+10	774,0 m ³	975,0 m ³
RS-21	569	574	571+10	819,0 m ³	1.032,0 m ³
RS-22	578	583	580+10	802,0 m ³	1.011,0 m ³
RS-23	583	585	584	202,0 m ³	255,0 m ³
RS-24	608	613	610+10	769,0 m ³	969,0 m ³
RS-25	668	673	670+10	580,0 m ³	731,0 m ³
RS-26	1.730	1.735	1732+10	536,0 m ³	675,0 m ³
RS-27	1.763	1.767	1765+10	107,0 m ³	135,0 m ³
RS-28	1.771	1.773	1.772	40,0 m ³	50,0 m ³
RS-29	1.789	1.794	1791+10	529,0 m ³	667,0 m ³
RS-30	1.872	1.877	1874+10	776,0 m ³	978,0 m ³
RS-31	2.000	2.005	2002+10	564,0 m ³	711,0 m ³
RS-32	2.024	2.025	2024+10	56,0 m ³	71,0 m ³
RS-33	2.128	2.133	2130+10	632,0 m ³	796,0 m ³
RS-34	2.796	2.801	2798+10	69,0 m ³	87,0 m ³
RS-35	2.852	2.857	2854+10	324,0 m ³	408,0 m ³
RS-36	2.861	2.866	2863+10	38,0 m ³	48,0 m ³
RS-37	2.871	2.876	2873+10	30,0 m ³	38,0 m ³
RS-38	2.890	2.895	2892+10	513,0 m ³	646,0 m ³
RS-39	2.921	2.926	2923+10	385,0 m ³	485,0 m ³
RS-40	3.374	3.376	3.375	142,0 m ³	179,0 m ³

4.2.2.8 - Corpo do Aterro e Camadas Finais

Os volumes dos aterros foram calculados separando-se os volumes do corpo do aterro e o das camadas finais (acabamento de terraplenagem com espessura de 60 cm); foi adotada na planilha de distribuição de massas, a codificação de "Aterro" para aterro inferior, ou corpo de aterro, e "Acabamento de Terraplenagem" para o aterro superior, ou acabamento de terraplenagem.

4.2.2.9 – Bota-Fora

Os materiais com características geotécnicas inaceitáveis para a execução do corpo de aterro, conforme o quadro de parâmetros para seleção de materiais já apresentado, foram destinados a bota-fora.

Ao longo do trecho foram definidos 09 (nove) locais para Bota-Fora. A seguir apresentamos quadro com indicação destes locais.

NÚMERO	ESTACA INICIAL	ESTACA FINAL	CENTRO GRAVIDADE	VOLUME	LOCALIZAÇÃO
BF-01	350	360	355	6.000,0 m ³	LADO ESQUERDO
BF-02	605	620	613	9.000,0 m ³	LADO DIREITO
BF-03	1.285	1.305	1.295	8.904,0 m ³	LADO DIREITO
BF-04	1.480	1.510	1.495	20.627,0 m ³	LADO ESQUERDO
BF-05	1.896	1.920	1.908	6.248,0 m ³	LADO DIREITO
BF-06	2.140	2.190	2.165	12.500,0 m ³	LADO DIREITO
BF-07	2.230	2.250	2.240	97,0 m ³	LADO DIREITO
BF-08	3.310	3.335	3.325	142,0 m ³	LADO DIREITO
BF-09	3.730	3.755	3.747	417,0 m ³	LADO DIREITO

Para o projeto de terraplenagem adotou-se alguns segmentos de DMT acima de 5000 metros, com o intuito de evitar um volume maior de bota-fora. A indicação de sua origem e destino se encontra na distribuição de massas constante do Volume 2 – Projeto de Execução.

4.2.2.10 – Materiais destinados a Pavimentação

Para a pavimentação do trecho foi destinado uma parte dos materiais de origem dos cortes ao longo do seguimento. Os cortes destinados à pavimentação são:

NÚMERO	ESTACA INICIAL	ESTACA FINAL	CENTRO GRAVIDADE	VOLUME	LOCALIZAÇÃO
C-02	13	26	18	12.870,0 m ³	DF-205
C-199	1854	1871	1861+10,000	30.126,0 m ³	DF-205
C-200	1872	1877	1875+10,000	9.738,0 m ³	DF-205
C-201	1877+10,000	1884	1879+10,000	13.262,0 m ³	DF-205

4.2.2.10 – Distribuição de Massas (Origem-Destino)

Na elaboração da distribuição de massas (origem e destino) foram considerados e analisados aspectos relativos a tipos de equipamento, aos percursos viáveis e possíveis, aos retornos, aos sentidos de rampa e em relação ao tráfego usuário, além da maximização da relação benefício-custo na compensação de materiais (corte e aterros).

Adotou-se para o cálculo das distâncias de transporte dos materiais o critério de “centro de massa”, ou seja, as posições dos centros de gravidade dos maciços de corte/empréstimos x aterro/bota-fora, considerando os percursos viáveis e possíveis.

A distribuição de massa foi orientada obedecendo aos seguintes princípios:

- os materiais que apresentarem o CBR < 2% e expansão > 4%, deverão ser necessariamente destinados a bota-fora;
- os materiais de subleito que apresentarem o CBR < 8% e expansão ≥ 2% deverão ser substituídos;
- os materiais que apresentarem o CBR ≥ 2% e expansão < 4% serão utilizados no miolo dos aterros (material confinado);
- os matérias de subleito que apresentarem o CBR ≥ 8% e expansão < 2% não serão substituídos;

- os materiais que apresentarem o $\text{CBR} \geq \text{Proj}$ e expansão $< 2\%$ serão empregados como acabamento de terraplenagem (camadas finais).

4.2.2.11 – Desmatamento, Destocamento e Limpeza

Para efeito de cálculo das áreas dos locais de desmatamento e limpeza, considerou-se a distância entre os bordos da pista existente e “off-set” de projeto acrescido de uma faixa adicional mínima de operação de 3,0 m além do “offset”. Para a rodovia DF-205 o cálculo da limpeza da camada vegetal resultou em uma área de 2.890.412,38 m².

4.2.2.12 – Cálculo dos Quantitativos

Os quantitativos dos serviços foram calculados a partir dos volumes de cortes, empréstimos, bota-fora e aterros, considerando as distâncias de transporte dos materiais e a classificação de acordo com as diversas categorias encontradas.

4.2.2.13 – Resumo da Distribuição dos Materiais

A seguir apresentamos quadro com o resumo da distribuição dos Materiais.

RESUMO DA DISTRIBUIÇÃO DOS MATERIAIS													
ORIGEM										DESTINO			
INTERVALOS DE TRANSPORTE "DMT" (m)	CORTE			SOLOS SATURÁVEIS (m³)	REBAPO		PREENCHIMENTO DO SOLO MOLE (m³)	PREENCHIMENTO DO REBAPO EM ROCHA (m³)		ATERRO 100% PROCTOR NORMAL	ESCALONAMENTO 100% PN	TOTAL (m³)	
	1ª. CATEGORIA (m³)	2ª. CATEGORIA (m³)	3ª. CATEGORIA (m³)		ESCALONAMENTO (m³)	CAIXA DE EMPRÉSTIMO (m³)		DO SUBLEITO (m³)	EM ROCHA (m³)				ACABAMENTO DE TERRAPLENAGEM 100% PI
DMT 0 A 200	219.067	15.261	38.565	3.992	1.847	2.787,32	5.880	14.146	29.083	121.936	41.681	212.736	
DMT 201 A 400	32.949	51.586	2.109	2.109	2.260	88.904	38	738	5.824	81.474	830	88.904	
DMT 401 A 600	58.435	2.020	7.633	7.633	634	68.722	5.190	432	20.503	41.027	1.570	68.722	
DMT 601 A 800	49.903	32.768	2.039	2.039	2.783	87.493	3.749	6495	12.370	64.235	844	87.493	
DMT 801 A 1000	32.140	78.149	2.900	2.900	2.900	113.189	1.021	961	21.490	88.985	722	113.189	
DMT 1001 A 1200	36.810	11.488	48.298	48.298	2.106	48.298	3.061	891	8.307	35.573	466	48.298	
DMT 1201 A 1400	35.181	3.219	4.716	4.716	1.963	45.222	1.837	5.695	15.953	24.091	83	45.222	
DMT 1401 A 1600	31.997	15.816	1.261	1.261	1.963	51.037	1.345	4.617	22.844	21.678	61	51.037	
DMT 1601 A 1800	20.050	12.383	1.801	1.801	1.801	34.034	1.345	495	10.549	21.806	334	34.034	
DMT 1801 A 2000	33.411	284	34.246	34.246	551	34.246	9.071	24.495	9.071	24.495	185	34.246	
DMT 2001 A 2500	52.221	2.229	55.014	55.014	564	55.014	978	4.138	21.346	33.328	340	55.014	
DMT 2501 A 3000	46.500	12.061	431	431	431	58.992	71	4.138	19.148	34.559	169	58.992	
DMT 3001 A 4000	115.086	3.721	536	536	536	119.343	1.686	2.691	41.876	67.344	578	119.343	
DMT 4001 A 5000	86.773	3.805	90.578	90.578	1.556	90.578	13.162	13.162	22.800	64.572	515	90.578	
DMT > 5001	315.822	40.005	357.383	357.383	1.9732	357.383	24.866	63.935	74.705	267.412	418	357.383	
TOTAL	1.166.345	284.511	38.565	22.034	19.732	1.531.187	1.7%	4.4%	22.9%	992.525	48.596	1.465.191	
PERCENTUAL	76,2%	18,6%	2,5%	1,4%	1,3%	100,0%	1,7%	4,4%	22,9%	67,7%	3,3%	100,0%	
PARÂMETROS GEOTÉCNICOS PARA SELEÇÃO DOS MATERIAIS													
ACABAMENTO DE TERRAPLENAGEM - 100% PI:										EXTENSÃO (km):		77,5	
CORPO DO ATERRO - 100% PN:										ESCAVAÇÃO MÉDIA (m³/km):		19.757,3	
VOLUME TOTAL COMPACTADO (m³):										FATOR DE COMPACTAÇÃO:		1,26	
COMPACTAÇÃO DO ATERROS													
MATERIAL NÃO ADEQUADO PARA TERRAPLENAGEM DEVERÁ SER NECESSARIAMENTE DESTINADO A BOTA FORA										PREENC. SOLO MOLE - 1ª. Categoria):		46.325,0 m³	
MATERIAL NÃO ADEQUADO PARA SUBLEITO (DEVERÁ SER PROCEDIDA A SUA SUBSTITUIÇÃO)										PREENC. SOLO MOLE - 2ª. Cat.:		17.610,0 m³	
MATERIAL SATISFATORIO PARA UTILIZAÇÃO NO MOLO DOS ATERROS										PREENC. SOLO MOLE - 3ª. Cat.:			
MATERIAL SATISFATORIO COMO SUBLEITO (NÃO HÁ NECESSIDADE DE SER SUBSTITUÍDO)													
MATERIAL INDICADO PARA EMPREGO COMO ACABAMENTO DE TERRAPLENAGEM DE CORTES E ATERROS													

4.2.3 – Metodologia – Ciclovía

Com intuito de facilitar a execução da ciclovía esta sendo apresentado à parte um projeto geométrico da mesma, contendo planta e perfil. Para possibilitar uma correta implantação foi gerada uma seção tipo de 3,0 m de largura com um abaulamento de 3% sempre alternando conforme a inclinação do terreno (Montante ou Jusante).

Nos trechos onde a ciclovía esta colada com a plataforma da rodovia e das interseções, o abaulamento da ciclovía acompanha a superelevação da plataforma, com intuito de viabilizar a implantação da mesma.

Devido à possibilidade do acúmulo de água na ciclovía nos trechos em corte, podendo causar erosão, foi indicado um dispositivo de drenagem no bordo da ciclovía.

4.2.3 – Apresentação do Projeto

O Projeto Básico de Terraplenagem é apresentado no Volume 2 - Projeto de Execução, compreendendo:

- "Off-sets" lançados nas pranchas dos projetos geométricos;
- Seções transversais-tipo de terraplenagem;
- Planilhas de distribuição de materiais;
- Resumo da distribuição de materiais.

4.3 – PROJETO DE DRENAGEM

4.3.1 - Introdução

O Projeto Básico de Drenagem da rodovia DF-205 do Anel Viário do Distrito Federal, constam da avaliação dos dispositivos existentes que se destinam a captar as águas pluviais provenientes das bacias de contribuição, sejam elas localizadas na plataforma da via ou em terrenos a montante, bem como as águas subterrâneas, e encaminhá-las adequadamente de modo a não comprometer os elementos do corpo estradal. A partir dessa avaliação foram projetados os dispositivos que se fazem necessários para complementar ou recuperar os sistemas de drenagem existentes, e adequá-los em função da implantação e pavimentação da rodovia.

O Projeto Básico de Drenagem foi desenvolvido a partir dos levantamentos procedidos pelas equipes de campo, das inspeções realizadas pelos especialistas da empresa nas áreas de hidrologia e drenagem, e com base nos resultados dos Estudos Hidrológicos, Estudos Geotécnicos, Projeto do Pavimento e demais estudos e projetos desenvolvidos.

O dimensionamento hidrológico das obras foi efetuado em casos que se verificou a ocorrência de problemas no comportamento dos dispositivos nos trechos de rodovia pavimentada e em todas as bacias dos trechos de rodovia em pavimento primário.

Para termos de apresentação dos trabalhos o projeto foi organizado nos seguintes itens:

- Obras de arte correntes;
- Obras de arte especiais;
- Drenagem superficial;
- Drenagem profunda;
- Resultados obtidos.

4.3.2 – Obras de Arte Correntes

Foi procedido o cadastro de inspeção com elaboração de uma ficha detalhada para cada bueiro existente, na qual consta a localização, o tipo, e os elementos discriminados para os corpos das obras com sua situação, e de cada boca ou caixa coletora existentes nas extremidades. As obras foram fotografadas, tanto do lado de montante quanto do lado de jusante.

Os bueiros se encontram em geral em estado de conservação que permite o seu aproveitamento. Os bueiros existentes são, em sua maioria, tubulares simples de concreto com diâmetro de 0,60 m.

No quadro a seguir é apresentada a síntese dos bueiros existentes na rodovia DF-205.

OBRAS DE ARTE CORRENTES EXISTENTES - DF-205		
TIPO	NÚMERO DE OBRAS	FREQÜÊNCIA (%)
BSTC Ø = 0,40 m	3	2,63
BSTC Ø = 0,60 m	51	44,74
BSTM Ø = 0,60 m	1	0,88
BSTC Ø = 0,80 m	22	19,30
BSTC Ø = 1,00 m	23	20,18
BSTC Ø = 1,50 m	1	0,88
Bueiro Oval (h= 1,80 m)	1	0,88
BDTC Ø = 0,80 m	4	3,51
BDTC Ø = 1,00 m	3	2,63
BTTC Ø = 1,00 m	2	1,75
BSCC 2,00 X 3,00	1	0,88
BSCC 3,00 X 3,00	1	0,88
BDCC 1,50 X 3,50	1	0,88
TOTAL	114	100,00

O projeto de drenagem da rodovia DF-205 contempla segmentos de restauração e implantação. Todos os bueiros foram avaliados e foram indicados os serviços necessários para melhoria de funcionamento.

Foram indicados os seguintes itens de serviço a serem utilizados nas soluções de recuperação das obras: desobstrução ou limpeza de bueiros; restauração com concreto $F_{ck} = 20$ Mpa; rejuntamento com argamassa de cimento e areia; construção de bocas; construção de descidas d'água em degraus; construção de dissipadores de energia; recomposição manual de aterro; demolição de concreto; e abertura de valas.

Foi indicada a execução de valetas de proteção de aterro à montante e à jusante de alguns bueiros com a finalidade de assegurar entradas e saídas adequadas para as águas.

O critério geral de dimensionamento dos bueiros nas verificações hidrológico-hidráulicas procedidas para as obras problemáticas relacionou-se à:

- Para o caso dos bueiros tubulares consideração da descarga da bacia para período de retorno de 15 anos para as obras trabalhando como canal e 25 anos como orifício;
- Para o caso dos bueiros celulares consideração da descarga da bacia para período de retorno de 25 anos para as obras trabalhando como canal e 50 anos como orifício.

Nos bueiros dimensionados para funcionamento como orifício, foram consideradas cargas hidráulicas de $h=1,2H$, onde:

h = carga hidráulica em relação ao eixo da obra;

H = altura ou diâmetro interna da obra.

O dimensionamento das obras para funcionamento como orifício foi procedido de acordo com o “Manual de Drenagem de Rodovias”, do DNIT. Por esse método, chega-se a seguinte equação de capacidade de descarga:

$$Q = Cd \times S \times \sqrt{2gh}$$

Onde:

- Q = vazão, em m^3/s ;
- Cd = coeficiente de descarga adotado igual a 0,63;
- S = área útil das obras, em m^2 ;
- h = altura do nível d'água a partir do eixo das obras, em m.

O dimensionamento das obras para funcionamento como canal foi procedido de acordo com o método apresentado no “Manual de Drenagem de Rodovias”, do DNIT. Esse método considera a teoria do regime crítico. Foram empregadas especificamente as tabelas 1 e 2 das páginas 51 e 52.

Os elementos relativos às obras que foram objetos de verificações hidrológico-hidráulicas são apresentados no item “Resultados Obtidos” do capítulo Estudos Hidrológicos, na planilha de cálculos de descargas. Nesta planilha são apresentados os elementos das bacias hidrográficas, cálculos de vazões máximas prováveis, avaliações hidráulicas e soluções adotadas no projeto.

O projeto da rodovia DF-205 contempla a execução de uma ciclovia em sua maior parte projetada no lado direito em relação ao eixo de projeto. Para dar continuidade ao escoamento da água, nos locais de bueiros projetados ou bueiros existentes que serão prolongados, foi projetada uma obra com as mesmas dimensões, ou maiores, do bueiro implantado ou prolongado, indicado na rodovia.

Em alguns pontos foi indicado o dispositivo valeta de proteção de aterro (VPA) para dar continuidade ao escoamento da água entre o bueiro da ciclovia e da rodovia ou assegurar a correta entrada d'água ou deságue.

Será apresentada uma planilha de notas de serviços de bueiros a construir em separado para a ciclovia.

4.3.3 – Obras de Arte Especiais

Conforme os cálculos hidrológicos e hidráulicos procedidos no Relatório do Projeto Básico, no item 3.2 - Estudos Hidrológicos apontaram que todas as pontes são suficientes para as vazões calculadas para os tempos de recorrência de 50 e 100 anos com exceção da ponte sobre o Córrego Vereda Grande cuja cota para a Máxima Cheia de Projeto de tempo de recorrência de 50 anos tangencia a viga. Os cursos d'água cujas pontes atravessam são:

- Ribeirão Cafuringa;
- Córrego Taquari;
- Ribeirão Contagem;
- Rio Sonhém;
- Rio Palmeiras;
- Córrego Vereda Grande.

Os elementos das verificações hidráulica e hidrológica como planta, perfil e seção da obra de arte especial existente que foi estudada, são apresentados no Volume 2 – Projeto Básico de Execução item 7 – Projeto de Drenagem.

4.3.4 – Drenagem Superficial

A Rodovia DF-205, objeto deste projeto, intercala trechos em pavimento primário e trechos pavimentados.

Foi efetuado o cadastro dos dispositivos de drenagem superficial existentes. Os dispositivos existentes necessitam em geral de limpeza e pequenas reparações localizadas.

Os projetos dos dispositivos utilizados na rodovia foram desenvolvidos através da análise dos elementos do projeto básico de geometria constituído pelas seções transversais gabaritadas, plantas e perfis. Foram então projetados os seguintes tipos de dispositivos:

- Meios-fios de aterro tipo MFC-01 e MFC-05 do DNIT;
- Sarjetas triangulares de cortes em concreto tipo STC-02 do DNIT;
- Valeta de proteção de corte tipos VPC-04 do DNIT;
- Valeta de proteção de aterros tipos VPA-01 e VPA-04 do DNIT;
- Entradas para descidas d'água tipos EDA-01 e EDA-02 do DNIT;

- Descidas d'água de aterros tipos DAR-02 e DAR-03 do DNIT;
- Descida d'água de cortes em degraus armada tipo DCD-02 do DNIT;
- Dissipadores de energia tipos DES-02, DES-03 e DEB-01 do DNIT;
- Sarjetas triangulares de cortes em concreto tipo STC-06 do DNIT;
- Sarjetas de canteiro central de concreto tipo SCC-02 do DNIT;
- Canal de concreto de dimensões de 0,60 x 0,60 m com meio fio vazado;
- Bacias de Acumulação Tipo I e II adaptadas do DER-MG;
- Transposição de segmento de sarjeta tipo TSS-04 do DNIT.

No bordo da pista, onde a ciclovia foi projetada, foi indicado STC-02 nos locais que houvesse contribuição de escoamento da ciclovia para a pista ou com o bordo interno em aterros acima de 3 metros. Foi utilizado para deságue em caixas coletoras em pontos baixos e em situação de corte que atingiram o comprimento crítico. Também se indicou a execução de Transposição de Sarjeta (TSS-04) em situação de aterro para transpor a ciclovia.

À jusante dos bueiros de greide, sarjetas de corte e valetas de proteção de corte foram indicadas Bacias de Acumulação Tipo I e Tipo II com o objetivo de acumular a água oriunda da drenagem superficial, detendo assim o pico do escoamento e facilitando a infiltração. A indicação desse dispositivo se deu também pela análise do terreno a jusante de forma a possibilitar seu aproveitamento de acumulação.

Indicou-se a execução de um canal retangular com dimensões de 0,60 x 0,60 m com meios-fios intermitentes (1 m a cada 10 m) à jusante de algumas descidas d'água de corte (DCD), em locais de impossibilidade de execução de bueiros para transpor a pista, de forma a captar e conduzir a água proveniente do corte para local de deságue seguro.

Foi considerada hipótese de lamina d'água de 1,0 m no acostamento para meios-fios de aterros. Com objetivo de evitar o transbordamento em segmento de grande extensão, causado pela obstrução do meio fio, foi considerados valores de comprimento crítico máximo de 100,0 m para trechos em tangente e 70,0 m para trechos em bordo interno.

Foi indicado a execução de STC-02 e Canal 0,60 x 0,60 m com meios-fios intermitentes (1 m a cada 10 m) no bordo da ciclovia em locais de grandes extensões de cortes.

A metodologia do projeto para verificação da capacidade das sarjetas de cortes e aterros consiste na determinação dos comprimentos críticos, obtidos pela equivalência de vazões no condutor e na bacia de contribuição (área de “impluvium”).

Para a determinação desses comprimentos considerou-se a intensidade de precipitação para 5 minutos de duração e período de recorrência de 10 anos. Para o posto de Formosa/GO, pela metodologia do Eng.º Otto Pfafstetter, adotado para o Anel Viário do Distrito Federal contemplados neste trabalho, a intensidade de precipitação correspondente é 197,01 mm/h.

As vazões nas bacias são calculadas através do método racional, pela fórmula:

$$Q = 0,278 \times 10^{-6} \times C \times I \times A$$

Onde:

Q = vazão de projeto, em m³/s;

C = coeficiente de escoamento (adimensional);

I = intensidade de chuva, em mm/h; e,

A = área da bacia de contribuição, em m². Essa área corresponde ao produto do comprimento (comprimento crítico) pela largura “ I ” de “impluvium”.

Várias são as situações onde são calculados os comprimentos críticos. Foram consideradas as seguintes larguras das áreas de contribuição (larguras de “impluvium”):

- Trechos em tangentes: 3,60m correspondentes a semi-pista, mais 2,50m correspondente ao acostamento, mais 1,0m correspondente a faixa para o dispositivo de drenagem, mais uma largura L variável correspondente ao talude do corte, mais uma largura de 4,0m correspondente a distancia entre a crista do corte e a valeta de proteção;
- Trechos em bordo interno de curvas: 7,20m correspondentes às duas pistas de rolamento, mais 5,00m correspondentes aos dois acostamentos, mais 1,0m correspondente a faixa para o dispositivo de drenagem, mais uma largura “L” variável correspondente ao talude do corte, mais uma largura de 4,0m correspondente a distancia entre a crista do corte e a valeta de proteção;
- Trechos em bordo externo de curvas: 1,0m correspondente a faixa para o dispositivo de drenagem, mais uma largura “L” variável correspondente ao talude do corte, mais uma largura de 4,0m correspondente a distancia entre a crista do corte e a valeta de proteção;

Os coeficientes de “run-off” são ponderados para cada caso, a partir dos valores básicos:

- Pista de rolamento $C = 0,90$
- Taludes de cortes e áreas gramadas $C = 0,50$

As vazões nos condutores são calculadas pela formula de Manning, aliada à equação da continuidade:

$$V = \frac{1}{n} \times R^{2/3} \times D^{1/2}$$

Onde:

- V = velocidade, em m³/s;
- n = coeficiente de rugosidade de Manning;
- R = raio hidráulico do condutor, em m;
- I = declividade do condutor, em m/m.

$$Q = S \times V$$

onde:

- Q = capacidade de vazão, em m³/s;
- S = seção de vazão do condutor, em m².

Igualando-se as expressões de vazões nas bacias e vazões nos condutores obtêm-se as equações de comprimentos críticos para meios-fios de aterros. As tabelas decorrentes da aplicação dessa metodologia são apresentadas a seguir.

COMPRIMENTO CRÍTICO DE MEIO-FIO		
MFC - 01		
I%	TANGENTE	B. INTERNO
0,35	52	26
0,40	56	28
0,50	63	31
0,60	69	34
0,80	79	40
1,00	88	44
1,50	108	54
2,00	125	63
2,50	140	70
3,00	153	77
3,50	165	83
4,00	177	88
4,50	188	94
5,00	198	99
6,00	217	108

COMPRIMENTO CRÍTICO DE SARJETAS DE CORTE												
STC-02 - TRECHO EM TANGENTE												
I%	H(m)											
	1	2	3	4	5	6	7	8	9	10	11	12
0,35	287	272	258	246	234	224	215	206	198	191	184	177
0,40	307	291	276	263	251	240	229	220	212	204	196	190
0,50	343	325	308	294	280	268	257	246	237	228	220	212
0,60	376	356	338	322	307	293	281	270	259	250	241	232
0,80	434	411	390	371	354	339	324	311	299	288	278	268
1,00	485	459	436	415	396	379	363	348	335	322	311	300
1,50	594	563	534	508	485	464	444	426	410	395	380	367
2,00	686	650	617	587	560	536	513	492	473	456	439	424
2,50	767	726	690	656	626	599	574	550	529	509	491	474
3,00	840	796	755	719	686	656	628	603	580	558	538	519
3,50	908	859	816	777	741	709	679	651	626	603	581	561
4,00	970	919	872	830	792	757	726	696	669	644	621	600
4,50	1029	974	925	881	840	803	770	739	710	683	659	636
5,00	1085	1027	975	928	886	847	811	778	748	720	694	670

COMPRIMENTO CRÍTICO DE SARJETAS DE CORTE												
STC-02 - TRECHO EM BORDO INTERNO												
I%	H(m)											
	1	2	3	4	5	6	7	8	9	10	11	12
0,35	167	162	157	152	148	144	140	136	132	129	126	123
0,40	179	173	168	163	158	153	149	145	142	138	135	131
0,50	200	193	187	182	177	172	167	162	158	154	150	147
0,60	219	212	205	199	193	188	183	178	173	169	165	161
0,80	252	244	237	230	223	217	211	205	200	195	190	186
1,00	282	273	265	257	250	243	236	230	224	218	213	208
1,50	346	335	325	315	306	297	289	281	274	267	261	254
2,00	399	387	375	364	353	343	334	325	316	308	301	294
2,50	446	432	419	406	395	384	373	363	354	345	336	328
3,00	489	473	459	445	432	420	409	398	388	378	368	360
3,50	528	511	496	481	467	454	441	430	419	408	398	388
4,00	565	547	530	514	499	485	472	459	447	436	425	415
4,50	599	580	562	545	530	515	501	487	475	463	451	440
5,00	631	611	592	575	558	542	528	514	500	488	476	464

COMPRIMENTO CRÍTICO DE SARJETAS DE CORTE												
STC-02 - TRECHO EM BORDO EXTERNO												
I%	H(m)											
	1	2	3	4	5	6	7	8	9	10	11	12
0,35	751	654	580	521	473	433	399	370	345	323	304	287
0,40	802	700	620	557	505	462	426	395	369	345	325	307
0,50	897	782	693	622	565	517	477	442	412	386	363	343
0,60	983	857	759	682	619	566	522	484	452	423	398	375
0,80	1135	989	877	787	714	654	603	559	521	488	459	434
1,00	1269	1106	980	880	799	731	674	625	583	546	514	485
1,50	1554	1355	1201	1078	978	895	825	766	714	669	629	594
2,00	1794	1564	1386	1245	1130	1034	953	884	824	772	726	685
2,50	2006	1749	1550	1392	1263	1156	1066	988	922	863	812	766
3,00	2197	1916	1698	1525	1384	1266	1167	1083	1010	946	889	839
3,50	2374	2069	1834	1647	1494	1368	1261	1170	1091	1022	961	907
4,00	2537	2212	1961	1761	1598	1462	1348	1250	1166	1092	1027	969
4,50	2691	2346	2080	1867	1695	1551	1430	1326	1237	1158	1089	1028
5,00	2837	2473	2192	1968	1786	1635	1507	1398	1303	1221	1148	1084

COMPRIMENTO CRÍTICO DE SARJETAS DE CORTE												
CANAL 0,6 x 0,6 - TRECHO EM TANGENTE												
I%	H(m)											
	1	2	3	4	5	6	7	8	9	10	11	12
0,2	707	669	635	605	577	552	528	507	487	469	452	437
0,5	1118	1058	1005	956	912	872	836	802	771	742	715	690
1,0	1580	1496	1421	1352	1290	1234	1182	1134	1090	1049	1012	976
1,5	1936	1833	1740	1656	1580	1511	1447	1389	1335	1285	1239	1196
2,0	2235	2116	2009	1912	1825	1744	1671	1604	1541	1484	1431	1381
2,5	2499	2366	2246	2138	2040	1950	1868	1793	1723	1659	1599	1544
3,0	2737	2592	2461	2342	2235	2137	2047	1964	1888	1817	1752	1691
3,5	2957	2799	2658	2530	2414	2308	2211	2121	2039	1963	1892	1827
4,0	3161	2993	2841	2705	2580	2467	2363	2268	2180	2099	2023	1953
4,5	3353	3174	3014	2869	2737	2617	2507	2406	2312	2226	2146	2071
5,0	3534	3346	3177	3024	2885	2758	2642	2536	2437	2346	2262	2183
5,5	3706	3509	3332	3171	3026	2893	2771	2659	2556	2461	2372	2290
6,0	3871	3665	3480	3312	3160	3022	2894	2778	2670	2570	2478	2392
6,5	4029	3815	3622	3448	3289	3145	3013	2891	2779	2675	2579	2489

COMPRIMENTO CRÍTICO DE SARJETAS DE CORTE												
CANAL 0,6 x 0,6 - TRECHO EM BORDO INTERNO												
I%	H(m)											
	1	2	3	4	5	6	7	8	9	10	11	12
0,2	411	398	386	374	364	353	344	335	326	318	310	302
0,5	650	630	610	592	575	559	543	529	515	502	490	478
1,0	920	890	863	837	813	790	769	748	729	710	693	676
1,5	1126	1090	1057	1025	996	968	941	916	893	870	849	828
2,0	1300	1259	1220	1184	1150	1118	1087	1058	1031	1005	980	956
2,5	1454	1408	1365	1324	1286	1249	1215	1183	1152	1123	1095	1069
3,0	1593	1542	1495	1450	1408	1369	1331	1296	1262	1230	1200	1171
3,5	1720	1666	1615	1566	1521	1478	1438	1400	1363	1329	1296	1265
4,0	1839	1781	1726	1675	1626	1580	1537	1496	1457	1421	1386	1352
4,5	1951	1889	1831	1776	1725	1676	1630	1587	1546	1507	1470	1434
5,0	2056	1991	1930	1872	1818	1767	1719	1673	1629	1588	1549	1512
5,5	2156	2088	2024	1964	1907	1853	1803	1755	1709	1666	1625	1586
6,0	2252	2181	2114	2051	1992	1936	1883	1833	1785	1740	1697	1656
6,5	2344	2270	2200	2135	2073	2015	1960	1907	1858	1811	1766	1724

COMPRIMENTO CRÍTICO DE SARJETAS DE CORTE												
CANAL 0,6 x 0,6 - TRECHO EM BORDO EXTERNO												
I%	H(m)											
	1	2	3	4	5	6	7	8	9	10	11	12
0,2	1848	1611	1428	1282	1164	1065	982	911	849	795	748	706
0,5	2922	2547	2258	2028	1840	1684	1552	1440	1343	1258	1183	1116
1,0	4132	3603	3193	2867	2602	2381	2195	2036	1899	1778	1673	1579
1,5	5061	4412	3911	3512	3187	2917	2689	2494	2325	2178	2049	1933
2,0	5844	5095	4516	4055	3680	3368	3105	2880	2685	2515	2365	2233
2,5	6534	5696	5049	4534	4114	3765	3471	3220	3002	2812	2645	2496
3,0	7157	6240	5531	4966	4507	4125	3802	3527	3289	3080	2897	2734
3,5	7731	6740	5974	5364	4868	4455	4107	3809	3552	3327	3129	2953
4,0	8265	7205	6386	5735	5204	4763	4391	4072	3797	3557	3345	3157
4,5	8766	7642	6774	6083	5519	5052	4657	4319	4028	3773	3548	3349
5,0	9240	8056	7140	6412	5818	5325	4909	4553	4245	3977	3740	3530
5,5	9691	8449	7489	6725	6102	5585	5148	4775	4453	4171	3923	3702
6,0	10122	8824	7822	7024	6373	5833	5377	4988	4651	4356	4097	3867
6,5	10535	9185	8141	7310	6633	6071	5597	5191	4841	4534	4264	4025

4.3.5 - Drenagem Profunda

O projeto de drenagem profunda foi procedido com a finalidade de proporcionar escoamento de águas infiltradas no subleito em cortes e proteger assim o pavimento de eventuais danos que possam vir a ocorrer na via que será melhorada com a implantação e pavimentação.

4.3.5.1 – Drenos longitudinais profundos para corte em solo - DPS

Foi projetada a execução de drenos longitudinais profundos para corte em solos tipo DPS-07 de polietileno de alta densidade (PEAD), nos locais em cortes acima de 8 m. Para as saídas dos drenos projetados foram indicadas as bocas tipo BSD-02 ou tiveram suas saídas indicadas em caixas coletoras. Os ensaios de umidade não apresentaram umidade excessiva.

4.3.6 - Resultados Obtidos

No volume 2 – Projeto Básico de Execução, no item 7- Projeto de Drenagem são apresentados os seguintes itens referente ao projeto de drenagem:

- Plantas de drenagem com os dispositivos utilizados;
- Listagens dos dispositivos de drenagem superficial existentes
- Quadro de Quantidades;
- Elementos de verificação hidráulicas e hidrológicas das OAE existentes;
- Projetos dos Dispositivos-tipo utilizados.