**Gravames (Polilinhas) do Município de Porto Alegre**

**Shapefile**



**Tags**  
Gravame, Cota, Área Comprometida, Equipamento Urbano, Traçado Viário, Linha de Transmissão, Urbanismo, Plano Diretor, Porto Alegre.

**Summary**

Representação vetorial por polilinhas dos Gravames no Plano Diretor de Desenvolvimento Urbano Ambiental de Porto Alegre (PDDUA).

**Description**

Representação vetorial por polilinhas dos Gravames no Plano Diretor de Desenvolvimento Urbano Ambiental de Porto Alegre (PDDUA). Incluem informações como Cotas, Áreas Comprometidas, Equipamentos Urbanos, Traçados Viários e Linhas de Transmissão.

*Escala do aerolevantamento base: 1:1000*

*Observação quanto ao Sistema Geodésico de Referência e à Projeção Cartográfica utilizada:*

*O Decreto Municipal n° 18.315/13 estabelece que os trabalhos de delimitação e demarcação de terras, de topografia e cartografia realizadas e/ou contratados por Órgãos da Administração Municipal Direta ou Indireta, bem como os projetos relacionados a essas atividades, que dependam de exame, aprovação ou controle desses Órgãos, devam estar referenciados ao Sistema Geodésico de Referência SIRGAS2000 e suas coordenadas representadas na Projeção Transversa de Mercator para Porto Alegre (TM-POA).*

*Para maiores informações sobre características e parâmetros de transformação, acessar:*

<http://www2.portoalegre.rs.gov.br/spm/default.php?p_secao=345>

**Credits**

Unidade de Sistemas de Informações Geográficas - USIG

Coordenação de Geoprocessamento e Informações Urbanísticas - CGIU

Secretaria Municipal do Meio Ambiente e da Sustentabilidade - SMAMS

Prefeitura Municipal de Porto Alegre – RS

**Use limitations**

Não recomendado o uso para projetos arquitetônicos executivos, ou outros que exijam alta precisão geométrica.

**Extent**

|  |  |  |  |
| --- | --- | --- | --- |
| **West** | -51.300495 | **East** | -51.024765 |
| **North** | -29.935079 | **South** | -30.242148 |

**Scale Range**

|  |  |
| --- | --- |
| **Maximum (zoomed in)** | 1:5,000 |
| **Minimum (zoomed out)** | 1:50,000 |

[ArcGIS Metadata ▼►](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#arcgisMetadata)

**[Topics and Keywords  ▼►](file:///C:\\Users\\ricardo.scuiciato\\AppData\\Local\\Temp\\arcF94D\\tmpDA63.tmp.htm" \l "true)**

Themes or categories of the resource  imageryBaseMapsEarthCover, planningCadastre, structure, transportation

**\*** Content type  Downloadable Data

Export to FGDC CSDGM XML format as Resource Description No

[*Hide Topics and Keywords ▲*](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#true)

[**Citation  ▼►**](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0ESPA)

Title Gravames (Polilinhas) do Município de Porto Alegre

Publication date 2017-01-30 00:00:00

Revision date 2017-01-30 00:00:00

Presentation formats  **\*** digital map

FGDC geospatial presentation format  vector digital data

[*Hide Citation ▲*](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0ESPA)

[**Citation Contacts  ▼►**](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0EASPA)

Responsible party

Individual's name Unidade de Sistemas de Informações Geográficas - USIG

Organization's name SMAMS - Prefeitura Municipal de Porto Alegre – RS

Contact's role  author

[*Hide Citation Contacts ▲*](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0EASPA)

[**Locales  ▼►**](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0ECRA)

Locale Portuguese (BRAZIL)

[*Hide Locales ▲*](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0ECRA)

[**Resource Details  ▼►**](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0EEBHRA)

Dataset languages  **\*** Portuguese (BRAZIL)

Dataset character set  utf8 - 8 bit UCS Transfer Format

Spatial representation type  **\*** vector

Spatial resolution

Dataset's scale

Scale denominator 1000

**\*** Processing environment Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.6.0.8321

Credits

Unidade de Sistemas de Informações Geográficas - USIG

Coordenação de Geoprocessamento e Informações Urbanísticas - CGIU

Secretaria Municipal do Meio Ambiente e da Sustentabilidade - SMAMS

Prefeitura Municipal de Porto Alegre – RS

ArcGIS item properties

**\*** Name GRAV\_PL\_1

**\*** Size 1.236

Location withheld

**\*** Access protocol Local Area Network

[*Hide Resource Details ▲*](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0EEBHRA)

[**Extents  ▼►**](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0EEBBHRA)

Extent

Geographic extent

Bounding rectangle

Extent type  Extent used for searching

**\*** West longitude -51.300495

**\*** East longitude -51.024765

**\*** North latitude -29.935079

**\*** South latitude -30.242148

**\*** Extent contains the resource Yes

Extent in the item's coordinate system

**\*** West longitude 271076.951400

**\*** East longitude 297608.945500

**\*** South latitude 1653059.879000

**\*** North latitude 1687062.003800

**\*** Extent contains the resource Yes

[*Hide Extents ▲*](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0EEBBHRA)

[**Resource Points of Contact  ▼►**](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0EEPA)

Point of contact

Individual's name Unidade de Sistemas de Informações Geográficas - USIG

Organization's name SMAMS - Prefeitura Municipal de Porto Alegre – RS

Contact's role  author

[*Hide Resource Points of Contact ▲*](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0EEPA)

[**Resource Maintenance  ▼►**](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0ELPA)

Resource maintenance

Update frequency  as needed

Maintenance contact

Individual's name Unidade de Sistemas de Informações Geográficas - USIG

Organization's name SMAMS - Prefeitura Municipal de Porto Alegre – RS

Contact's role  author

[*Hide Resource Maintenance ▲*](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0ELPA)

[**Resource Constraints  ▼►**](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0EKPA)

Security constraints

Classification  unclassified

Constraints

Limitations of use

Não recomendado o uso para projetos arquitetônicos executivos, ou outros que exijam alta precisão geométrica.

[*Hide Resource Constraints ▲*](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0EKPA)

[**Spatial Reference  ▼►**](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0EEAHRA)

ArcGIS coordinate system

**\*** Type Projected

**\*** Geographic coordinate reference GCS\_SIRGAS\_2000

**\*** Projection TM-POA

**\*** Coordinate reference details

Projected coordinate system

X origin -5323100

Y origin -5002100

XY scale 450265407.00157917

Z origin -100000

Z scale 10000

M origin -100000

M scale 10000

XY tolerance 0.001

Z tolerance 0.001

M tolerance 0.001

High precision true

Well-known text PROJCS["TM-POA",GEOGCS["GCS\_SIRGAS\_2000",DATUM["D\_SIRGAS\_2000",SPHEROID["GRS\_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION["Transverse\_Mercator"],PARAMETER["False\_Easting",300000.0],PARAMETER["False\_Northing",5000000.0],PARAMETER["Central\_Meridian",-51.0],PARAMETER["Scale\_Factor",0.999995],PARAMETER["Latitude\_Of\_Origin",0.0],UNIT["Meter",1.0]]

Reference system identifier

**\*** Value 0

[*Hide Spatial Reference ▲*](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0EEAHRA)

[**Spatial Data Properties  ▼►**](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0EAFA)

[Vector  ▼►](file:///C:\\Users\\ricardo.scuiciato\\AppData\\Local\\Temp\\arcF94D\\tmpDA63.tmp.htm" \l "ID0EBAFA)

**\*** Level of topology for this dataset  geometry only

Geometric objects

Feature class name GRAV\_PL\_1

**\*** Object type  composite

**\*** Object count 6856

[*Hide Vector ▲*](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0EBAFA)

[ArcGIS Feature Class Properties  ▼►](file:///C:\\Users\\ricardo.scuiciato\\AppData\\Local\\Temp\\arcF94D\\tmpDA63.tmp.htm" \l "ID0EA)

Feature class name GRAV\_PL\_1

**\*** Feature type Simple

**\*** Geometry type Polyline

**\*** Has topology FALSE

**\*** Feature count 6856

**\*** Spatial index TRUE

**\*** Linear referencing FALSE

[*Hide ArcGIS Feature Class Properties ▲*](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0EA)

[*Hide Spatial Data Properties ▲*](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0EAFA)

[**Distribution  ▼►**](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0EJA)

Distribution format

**\*** Name Shapefile

Transfer options

**\*** Transfer size 1.236

[*Hide Distribution ▲*](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0EJA)

[**Fields  ▼►**](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0ELA)

[Details for object GRAV\_PL\_1  ▼►](file:///C:\\Users\\ricardo.scuiciato\\AppData\\Local\\Temp\\arcF94D\\tmpDA63.tmp.htm" \l "ID0EALA)

**\*** Type Feature Class

**\*** Row count 6856

[Field FID  ▼►](file:///C:\\Users\\ricardo.scuiciato\\AppData\\Local\\Temp\\arcF94D\\tmpDA63.tmp.htm" \l "ID0EHALA)

**\*** Alias FID

**\*** Data type OID

**\*** Width 4

**\*** Precision 0

**\*** Scale 0

**\*** Field description

Internal feature number.

**\*** Description source

Esri

**\*** Description of values

Sequential unique whole numbers that are automatically generated.

[*Hide Field FID ▲*](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0EHALA)

[Field Shape  ▼►](file:///C:\\Users\\ricardo.scuiciato\\AppData\\Local\\Temp\\arcF94D\\tmpDA63.tmp.htm" \l "ID0EGALA)

**\*** Alias Shape

**\*** Data type Geometry

**\*** Width 0

**\*** Precision 0

**\*** Scale 0

**\*** Field description

Feature geometry.

**\*** Description source

Esri

**\*** Description of values

Coordinates defining the features.

[*Hide Field Shape ▲*](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0EGALA)

[Field LAYER  ▼►](file:///C:\\Users\\ricardo.scuiciato\\AppData\\Local\\Temp\\arcF94D\\tmpDA63.tmp.htm" \l "ID0EFALA)

**\*** Alias LAYER

**\*** Data type String

**\*** Width 30

**\*** Precision 0

**\*** Scale 0

[*Hide Field LAYER ▲*](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0EFALA)

[Field TIPO  ▼►](file:///C:\\Users\\ricardo.scuiciato\\AppData\\Local\\Temp\\arcF94D\\tmpDA63.tmp.htm" \l "ID0EEALA)

**\*** Alias TIPO

**\*** Data type String

**\*** Width 20

**\*** Precision 0

**\*** Scale 0

[*Hide Field TIPO ▲*](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0EEALA)

[Field NOME  ▼►](file:///C:\\Users\\ricardo.scuiciato\\AppData\\Local\\Temp\\arcF94D\\tmpDA63.tmp.htm" \l "ID0EDALA)

**\*** Alias NOME

**\*** Data type String

**\*** Width 100

**\*** Precision 0

**\*** Scale 0

[*Hide Field NOME ▲*](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0EDALA)

[Field VALOR  ▼►](file:///C:\\Users\\ricardo.scuiciato\\AppData\\Local\\Temp\\arcF94D\\tmpDA63.tmp.htm" \l "ID0ECALA)

**\*** Alias VALOR

**\*** Data type String

**\*** Width 50

**\*** Precision 0

**\*** Scale 0

[*Hide Field VALOR ▲*](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0ECALA)

[Field GEOM\_LEN  ▼►](file:///C:\\Users\\ricardo.scuiciato\\AppData\\Local\\Temp\\arcF94D\\tmpDA63.tmp.htm" \l "ID0EBALA)

**\*** Alias GEOM\_LEN

**\*** Data type Double

**\*** Width 19

**\*** Precision 0

**\*** Scale 0

[*Hide Field GEOM\_LEN ▲*](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0EBALA)

[Field SHAPE\_LEN  ▼►](file:///C:\\Users\\ricardo.scuiciato\\AppData\\Local\\Temp\\arcF94D\\tmpDA63.tmp.htm" \l "ID0EAALA)

**\*** Alias SHAPE\_LEN

**\*** Data type Double

**\*** Width 19

**\*** Precision 0

**\*** Scale 0

[*Hide Field SHAPE\_LEN ▲*](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0EAALA)

[*Hide Details for object GRAV\_PL\_1 ▲*](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0EALA)

[*Hide Fields ▲*](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0ELA)

[**Metadata Details  ▼►**](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0TALRA)

**\*** Metadata language Portuguese (BRAZIL)

Metadata character set  utf8 - 8 bit UCS Transfer Format

Metadata identifier GRAV\_PL

Function of the resource  download

Scope of the data described by the metadata  **\*** dataset

Scope name  **\*** dataset

**\*** Last update 2019-12-11

ArcGIS metadata properties

Metadata format ArcGIS 1.0

Standard or profile used to edit metadata ISO19139

Created in ArcGIS for the item 2015-05-06 10:34:40

Last modified in ArcGIS for the item 2019-12-11 09:51:35

Automatic updates

Have been performed Yes

Last update 2019-12-11 09:51:35

[*Hide Metadata Details ▲*](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0TALRA)

[**Metadata Contacts  ▼►**](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0EAA)

Metadata contact

Individual's name Unidade de Sistemas de Informações Geográficas - USIG

Organization's name SMAMS - Prefeitura Municipal de Porto Alegre – RS

Contact's role  author

[*Hide Metadata Contacts ▲*](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0EAA)

[**Metadata Maintenance  ▼►**](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0EOA)

Maintenance

Update frequency  as needed

Maintenance contact

Individual's name Unidade de Sistemas de Informações Geográficas - USIG

Organization's name SMAMS - Prefeitura Municipal de Porto Alegre – RS

Contact's role  author

[*Hide Metadata Maintenance ▲*](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0EOA)

[**Metadata Constraints  ▼►**](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0ENA)

Security constraints

Classification  unclassified

[*Hide Metadata Constraints ▲*](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0ENA)

[**Thumbnail and Enclosures  ▼►**](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0ECA)

Thumbnail

Thumbnail type  JPG

[*Hide Thumbnail and Enclosures ▲*](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#ID0ECA)

[FGDC Metadata (read-only) ▼►](file:///C:\Users\ricardo.scuiciato\AppData\Local\Temp\arcF94D\tmpDA63.tmp.htm#fgdcMetadata)

**[Entities and Attributes  ▼►](file:///C:\\Users\\ricardo.scuiciato\\AppData\\Local\\Temp\\arcF94D\\tmpDA63.tmp.htm" \l "/metadata/eainfo//text()[1])**

Detailed Description

Entity Type

Entity Type Label GRAV\_PL\_1

Attribute

Attribute Label FID

Attribute Definition

Internal feature number.

Attribute Definition Source Esri

Attribute Domain Values

Unrepresentable Domain

Sequential unique whole numbers that are automatically generated.

Attribute

Attribute Label Shape

Attribute Definition

Feature geometry.

Attribute Definition Source Esri

Attribute Domain Values

Unrepresentable Domain

Coordinates defining the features.

Attribute

Attribute Label LAYER

Attribute

Attribute Label TIPO

Attribute

Attribute Label NOME

Attribute

Attribute Label VALOR

Attribute

Attribute Label GEOM\_LEN

Attribute

Attribute Label SHAPE\_LEN

*[Hide Entities and Attributes ▲](file:///C:\\Users\\ricardo.scuiciato\\AppData\\Local\\Temp\\arcF94D\\tmpDA63.tmp.htm" \l "/metadata/eainfo//text()[1])*