

Revision Date: **January 15, 2016**

Documentation:

ODOTcadd_PDF.pltcfg and ODOTcadd_PDF_Levels.pltcfg – Printer Driver Settings

General

Driver:
Bentley PDF printer driver

Notes:
This is the Bentley printer driver used to create Adobe PDF files.

The printer driver configuration may be customized to include model/level content along with links and bookmarks.

Base Properties

General

Automatic Centering = True	[Default]
Automatic Open Plot File After Creation = False	[Default]
Default Color Mode = Grayscale	[ODOT setting]
Default Line Cap = Square	[ODOT setting]
Default Line Join = Bevel	[ODOT setting]
Default Output Mode = No Preference	[Default]
Default Print to 3D = False	[Default]
Default Pen Table File Name = ODOTcadd_Pen.tbl	[ODOT setting]
Default Design Script File Name =	[Default]
Print Style Name =	[Default]

Driver Properties

PDF Version = Acrobat 8 (PDF 1.7)	[Default]
Precision = Standard	[Default]
Enable Bookmarks = On	[Default]
Enable Bookmark Hierarchy = On	[Default]
Enable Links = On	[ODOT setting]
Enable Optional Content = Off	[Default]
Print Optional Content = As Displayed	[Default]

Note: ODOTcadd_PDF_Levels.pltcfg contains following differences.

Enable Optional Content = On	[ODOT setting]
Print Optional Content = As Created	[ODOT setting]
Enable Measuring = On	[Default]
Enable Georeferencing = On	[Default]
Enable Searchable Text = On	[Default]
Level Label = Level Display Name	[Default]
Allow Changes = Allow unrestricted changes	[Default]
Allow Printing = Allow high resolution printing	[Default]
Initial View Navigation = Undefined	[Default]
RGB Raster Compression = JPEG	[ODOT setting]
Enable Plot to 3D = On	[Default]
Enable Provenance Metadata = Off	[Default]
Set Page form Plot Size = Off	[Default]
Document Title =	[Default]

ODOTcadd Printer Drivers – User Documentation

Author =	[Default]
Owner Password =	[Default]
User Password =	[Default]
Default Print File Name	
File Name = \$(MS_PLTFILES)\$(basename(_DGNFILE))-\$(MS_PLTMODELNAME)- <autoInc?digits=3?base=0>	[Default]
Extension = pdf	[Default]
Auto Increment Extension = False	[Default]
Auto Overwrite File = False	[Default]
Print Border	
Border On = False	[Default]
Border Outline On = True	[Default]
Include File Name in Border Text = False	[Default]
Include Model Name in Border Text = False	[Default]
Include Date/Time in Border Text = False	[Default]
Border Comment =	[Default]
Border Text Offset (cm) = 0.0	[Default]
x = 0	[Default]
y = 0	[Default]
Border Pen = 1	[Default]
Border Text Height (cm) = 0.254	[Default]
Border Width (cm) = 0.025	[Default]
Fence Outline On = False	[Default]
Fence Outline Pen = 1	[Default]
Raster Printing	
Raster Quality Factor (0-100%) = 100	[ODOT setting]
Raster Brightness = 0	[Default]
Raster Contrast = 0	[Default]
Print Raster = True	[Default]
Print Raster in Grayscale = False	[Default]
Ignore Color Rule for Monochrome Raster = False	[Default]
Advanced	
Driver Resolution (Dots/Unit) = 300,300	[ODOT setting]
x = 300	[ODOT setting]
y = 300	[ODOT setting]
Driver Resolution Units = Inches	[Default]
Automatic Rotation Direction = Rotate 90 cw	[Default]
Enable Driver Clipping = Not defined	[Default]
Enable Path Support = Not defined	[Default]
Level of Detail Mode = Show Range	[Default]
Minimum Level of Detail = 4	[ODOT setting]
Maximum Miter Angle (degrees) = 90	[Default]
Optimize Raster Color Depth = True	[Default]
Print Points = True	[Default]
Rasterize Quality Factor = 100	[Default]
Scale Adjustment Factor = 1,1	[Default]
x = 1	[Default]
y = 1	[Default]
Enable Merging of Background Rasters = True	[Default]

Paper Sizes

Define paper sizes = **on**

[ODOT setting]

Name	Size	Margins	Is Default	Print Scale	Weight Scale	Style Scale	Auto Rotate	Windows Name
ANSI A	11,8.5 in.				0.5	0.5		
ANSI B	17,11 in.		TRUE		0.5	0.5		
ANSI D	34,22 in.							

Note: Bentley’s default paper sizes have been removed with the exception of the ODOT recommended sizes. The ANSI B has been set as the “Default” size and the ANSI A & ANSI B have been set to include Line Weight and Line Style scaling.

Color Maps

Define maps from design color to print symbology = off

[Default]

Weight Maps

Define maps from design weight to print width = **on**

[ODOT setting]

Design Weight	Print Width
0	0.006 in.
1	0.014 in.
2	0.026 in.
3	0.036 in.
4	0.046 in.
5	0.056 in.
6	0.066 in.
7	0.076 in.
8	0.086 in.
9	0.096 in.
10 - 31	0.106 in.

Note: Thicknesses for weights 10 to 31 are the same to avoid printing abnormally thick lines.

Line Styles

Define print line style patterns = **on**

[ODOT setting]

Style Number	Software	On/Off Pattern
1		0.35 1.05 mm
2		1.75 1.05 mm
3		4.2 1.4 mm
4		2.8 1.05 0.7 1.05 mm
5		1.4 1.4 mm
6		2.1 0.7 0.7 0.7 0.7 0.7 mm
7		2.8 0.7 1.4 0.7 mm

Font Maps

Define maps from design fonts to hardware
(or Windows TrueType) fonts = disabled [Default]

Programs

Define pre-print and post-print program commands = off [Default]

Contact Information:

If you have any questions, suggestions, or problems please contact the ODOT Office of CADD and Mapping Services CADD Support team or use the following form on the ODOT web site at:

<http://www.dot.state.oh.us/Divisions/Engineering/CADDMapping/CADD/Pages/suggestions.aspx>