

To Bentley Select customers

bentleyuser.dk
C/O Bentley Scandinavia A/S
Gydevang 39-41
DK 3450 Allerød

E-post: mail@bentleyuser.dk
www.bentleyuser.dk

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Preferences for InRoads/PowerCivil V8i (SS2/SS4)

This is a collection of standard files that will make the use of and transition into InRoads / PowerCivil SS4 easier. The files incorporate the DDA-level structure instead of the BIPS level structure. The .dgnlibs for the DDA-level structure are also delivered in this preference package.

You may use these files at your own risk.

No companies who have delivered data to this collection are responsible for any inconvenience caused by the use of these files, and are not obligated to give support or update the files.

If you have suggestions for improvement you are welcome to mail them to us or directly to the Danish Civil SIG Chairman.

Kind regards

bentleyuser.dk

Lene Møller Westh & Marianne Rask

List of files

Revised 2015-03-20

\PCF\

- DK_FIRM.PCF Example of Project Configuration

\Workspace\STD\Seed\

- seedDK_2D.dgn 2D MicroStation seed file
- seedDK_3D.dgn 3D MicroStation seed file
- seedInR_2D.dgn 2D MicroStation seed file with attached levels
- seedInR_3D.dgn 3D MicroStation seed file with attached levels

\Workspace\ STD\ Resource\

- Y_col.ctb Color table (co 238 and 254 modified from AutoCAD/bips color table)
- 055_s_CBinr.RSC Symbol font made for InRoads
- arial.TTF Arial windows text font
- CB_InRSymb.TTF Symbol font made for InRoads (like 055_s_CBinr.RSC)
- CBafl.TTF Symbol font made for drainage
- CBvand.TTF Symbol font made for water
- dvsn.TTF Text font for Danish street signs (Negative, bright text)
- dvsnr.TTF Text font for Danish street signs (Negative, bright text, reduced)
- dvsp.TTF Text font for Danish street signs (Positive, dark text)
- dvspr.TTF Text font for Danish street signs (Positive, dark text, reduced)
- CB_patt.rsc Patterns
- bips-udvidet.RSC Linestyles for bips
- DDA_TF_LST.RSC Linestyles for Utility
- DDA_TF_LST.LIN Linestyles for Utility
- DDA_TF_LST.SHX Linestyles for Utility
- DK_LineStyles.dgnlib Line styles
- DK_TextStyles.dgnlib Text styles
- DK_DimStyles.dgnlib Dimensioning definitions

\Workspace\STD\Geo\

- DanskeKoordinatsystemer.dty Danish co-ordinate systems
- DanskeKoordinatsystemer_SS2.dty SS2 Danish co-ordinate systems
- Datum.dty Danish datum

\Workspace\STD\Layout\

- NXAFrame.dgn Sheet sizes A-frames in models (using DDA-levels)
- NXHead.dgn Example of drawing head (using DDA-levels)
- NXAFrame_DK.dgn Sheet sizes A-frames in models (using DDA-levels), Danish text
- NXHead_DK.dgn Example of drawing head (using DDA-levels), Danish text
- NXAFrame_Eng.dgn Sheet sizes A-frames in models (using DDA-levels), English text
- NXHead_Eng.dgn Example of drawing head (using DDA-levels), English text
- TTED_061_r2.pdf Example of cross section drawing
- TTPD_012.pdf Example of plan drawing
- TTRD_701.pdf Example of profile drawing

\Workspace\STD\Cell\

- NTDX_KrK.cel Examples of Vehicle area demand curves
- stannot.cel Annotationboxes for cross sections
- stm3dintr.cel 3D cells for visualization models
- stsnit.cel Cells for cross sections
- sttavleY.cel Examples of road signs
- stvejafm.cel Examples of road marking
- sxpatrn.cel Patterns
- sxplan.cel Examples of cells used for plan production
- Civil_Metric.cell Added by Bentley
- Survey_Metric.cel Added by Bentley

\Workspace\STD\Level\

- DDA_TB.dgnlib Bridge levels with Danish description
- DDA_TC.dgnlib Administrative levels with Danish description
- DDA_TF.dgnlib Utility levels with Danish description
- DDA_TH.dgnlib Marine levels with Danish description
- DDA_TK.dgnlib Mapping levels with Danish description
- DDA_TR.dgnlib Rail levels with Danish description
- DDA_TT.dgnlib Tunnel levels with Danish description
- DDA_TV.dgnlib Road levels with Danish description
- DDA_TX.dgnlib General levels with Danish description

- DDA_TB_Eng.dgnlib Bridge levels with English description
- DDA_TC_Eng.dgnlib Bridge levels with English description
- DDA_TF_Eng.dgnlib Bridge levels with English description
- DDA_TH_Eng.dgnlib Marine Bridge levels with English description
- DDA_TT_Eng.dgnlib Tunnel Bridge levels with English description
- DDA_TK_Eng.dgnlib Mapping levels with English description
- DDA_TR_Eng.dgnlib Rail levels with English description
- DDA_TV_Eng.dgnlib Road Bridge levels with English description
- DDA_TX_Eng.dgnlib General Bridge levels with English description

- TV_ATN.dgnlib Extra Vehicle types levels with Danish description
- YTF_SS.dgnlib Extra drainage levels with English description
- TV_Hast.dgnlib Extra speed limit levels with Danish description

\Workspace\STD\Level\List\

- DDA_TB_Lagnavn_Layername.xls Bridge level list in Danish and English
- DDA_TC_Lagnavn_Layername.xls Administrative level list in Danish and English
- DDA_TF_Lagnavn_Layername.xls Utility level list in Danish and English
- DDA_TH_Lagnavn_Layername.xls Marine level list in Danish and English
- DDA_TK_Lagnavn_Layername.xls Mapping level list in Danish and English
- DDA_TR_Lagnavn_Layername.xls Rail level list in Danish and English
- DDA_TT_Lagnavn_Layername.xls Tunnel level list in Danish and English
- DDA_TV_Lagnavn_Layername.xls Road level list in Danish and English
- DDA_TX_Lagnavn_Layername.xls General level list in Danish and English

\Workspace\INR\ALG\

- Folder for geometry ALG

\Workspace\INR\Civil_cell\

- *.dgnlib Examples from Bentley
- Danish Standard Roundabouts Library.dgn Examples from 2010 of Danish roundabouts

\Workspace\INR\D_STD\

- Folder for project specific design standards

\Workspace\INR\DRN\

- Readme.txt Description of the files
- Hydro.idf SS2 Rainfall values
- Kc.dat SS2 Kc for loss of head - contraction
- Ke.dat SS2 Ke for loss of head - enlargement
- MicroD.rtc SS2 RTC file
- Runoff.dat SS2 Rain runoff values
- Struct.dat SS2 Structure definitions
- Zone.dat SS2 Population and flowrate zones
- DK_Drainage_Nodes.cel Added by Bentley
- DK_Drainage_Nodes.dgnlib Added by Bentley

\Workspace\INR\DTM\

- Folder for Digital Terrain Models

\Workspace\INR\FWD\

- Folder for Survey

\Workspace\INR\IRD\

- Folder for Roadway Design

\Workspace\INR\ITL\

- DK_InRnormal.itl Template examples using predefined styles and features

\Workspace\INR\PRF\

- DK_Civil.xin InRoads Preference file for SS2 and SS4 link
- Civil.spf SS2 Survey preference file
- DK_Element_Templates.dgnlib Element Templates
- DK_Element_Templates_Levels.dgnlib Element Templates from levels
- DK_Feature_Definitions.dgnlib Danish feature definitions
- DK_Project_Settings_Vej.dgnlib Road project settings

\Workspace\INR\Rail

- DK_Shunt_limit.txt SS2 Shunting limits for turnout rail design (2015)
- DK_Turnouts_2009.txt SS2 Danish turnouts (before 2009)
- DK_Turnouts_UIC60.txt SS2 Danish turnouts (2015)

\Workspace\INR\RPT\

- Folder for Design output

\Workspace\INR\RWK\

- Folder for Roadwork

\Workspace\INR\Setup\

- DK_DrNote.dft Drafting notes example
- DK_FIRM.reg Project Defaults relating to Environment "FIRM"
- Pay.mdb Pay items example
- Title_Block.dat Title block example

\Workspace\INR\XML\

- Folder for Design input and output

\ProgramData\Bentley\Civil\Standards\8.11.9\en-dk\Design Standards\

- DK_Design_Checks_Hor_Dyn_VR2012_it-0.txt SS2 Design checks, Dynamics on flat road
- DK_Design_Checks_Hor_Dyn_VR2012_it-50.txt SS2 Design checks, Dynamics on sloping road
- DK_Design_Checks_Hor_VR2012_Moedesigt.txt SS2 Design checks, Meeting sight
- DK_Design_Checks_Hor_VR2012_Overhalingssigt.txt SS2 Design checks, Passing sight
- DK_Design_Checks_Hor_VR2012_Stopsigt.txt SS2 Design checks, Stopping sight within road
- DK_Design_Checks_Hor_VR2012_Stopsigt_Koe.txt SS2 Design checks, Stopping sight along queue
- DK_Design_Checks_Hor_VR2012_Stopsigt_Rabat.txt SS2 Design checks, Stopping sight over shoulder
- DK_Design_Checks_Ver_VR2012.txt SS2 Design checks, Stopping sight within road
- DK_Design_Criteria_VR2012.txt SS2 Design checks, Design criteria
- DK_DesignStandards.dgnlib Danish Design Standards (VR 2012)

\ProgramData\Bentley\Civil\Standards\8.11.9\en-dk\Design Standards\Data\

- DK_DesignCriteria.xls Calculations for SS2 Design criteria
- DK_VR2012_Calculations.xlsx Calculations for Design Checks and superelevation

\ProgramData\Bentley\Civil\Standards\8.11.9\en-dk\Superelevation\SRL\Denmark\

- DK_Single.ckl Check application length, single carriageway
- DK_Single.ntl No transition: application length, single carriageway
- DK_Single.sel Super elevation value, single carriageway
- DK_Single.SRL Super Rules parameter, single carriageway

\ProgramData\Bentley\Civil\Standards\8.11.9\en-dk\Widening\

- DK_Curve_widening_By.wid Curve widening, Urban