

Revision Date: July 22, 2016

Documentation:

The **ODOTcaddSeed.upf** is the standard ODOT Seed Preference file for MicroStation SELECTseries 4 using the Bentley OpenRoads Technology. This file contains default user settings used in producing ODOT's roadway plans.

The following are the settings in the ODOT seed user preference file, ODOTcaddSeed.upf. Toggle settings are indicated as either *(ON)* or *(OFF)*. Settings that have not been changed from the default are indicated with *[DEFAULT]* after the setting value. Modified settings are indicated with *[ODOT Setting]* after the value.

Preferences

Name for preferences: **ODOTcadd v2016.07.22**

Category:

- **Database**

Set Database Preferences.

Use Single AE/MSFORMS Tables (OFF) [DEFAULT]

- **Descartes**

Set Descartes Preferences.

General:

Display Pixel Grid (OFF) [DEFAULT]
Automatic Vector Stamping (OFF) [DEFAULT]
Draping Memory: 50.00000 MB [DEFAULT]

Vectorize:

Center Views:

1 thru 8 checked [DEFAULT]

Convert:

Line Quality (Excellent) [DEFAULT]

Function Keys:

F1 (Change Mode) [DEFAULT]
F2 (Undo Vertex) [DEFAULT]
F3 (Redo Vertex) [DEFAULT]
F4 (Snap/Insert Vector) [DEFAULT]
F5 (Center on Cursor) [DEFAULT]
F6 (Center on Last Point) [DEFAULT]
F7 (Close Element) [DEFAULT]

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F8 (Spy Window On/Off) [DEFAULT]
F9 (Raster Snap On/Off) [DEFAULT]
F10 (Auto Convert On/Off) [DEFAULT]
F11 (Snap/Break Vector) [DEFAULT]

Available: (Change Mode) [DEFAULT]

Nodes:

Auto Snap Vector (None) [DEFAULT]
Display Nodes (3) [DEFAULT]

Spy Window:

Zoom Ratio (4.00) [DEFAULT]
Deactivate on First Data Point (OFF) [DEFAULT]

Text:

Center on Current Text Sel. (ON) [DEFAULT]
Text Selection
Horizontal Spacing Factor (Medium) [DEFAULT]
Variance of Char Height (Medium) [DEFAULT]
Text Recognition
Use Dictionary (ON) [DEFAULT]
Language (English) [DEFAULT]

- **Input**

Set Input Preferences.

Start in Parse All Mode (ON) [DEFAULT]
Disable Drag Operations (OFF) [DEFAULT]
Allow ESC key to stop current command (OFF) [DEFAULT]

Locate Tolerance: 10 [DEFAULT]
Locate Interiors: Rendered or Filled [DEFAULT]
Pointer Size: Normal [DEFAULT]
Pointer Type: Orthogonal [DEFAULT]
Click Sensitivity: Normal [DEFAULT]

Reset Pop-up Menu: Press and Hold [DEFAULT]
Hold Delay: Short 10 Long [DEFAULT]

- **Look and Feel**

Set Look and Feel Preferences.

Single Click:	Locked [DEFAULT]
Default Tool:	Selection [DEFAULT]
Highlight:	Gray [DEFAULT] (not active)
Layout:	Regular [DEFAULT]
Tool Size:	Medium (24 x 24) [DEFAULT]
View Tool Size:	Small (16x16) [DEFAULT]
Marker Size:	Default (Tool Size) [DEFAULT]
Dialog Font:	Microsoft Sans Serif, 9 [DEFAULT]
Auto-Focus Tool Settings Window	(ON) [ODOT Setting]
Borderless Icons	(ON) [DEFAULT]
Increase contrast of icon edges	(OFF) [DEFAULT]
Use Windows File Open Dialogs	(ON) [DEFAULT]
Transparent dialogs become opaque when receiving focus:	(ON) [ODOT Setting]
All modeless dialogs use same transparency:	(ON) [ODOT Setting]
0-100 Set at:	20 [ODOT Setting]

- **Mouse Wheel**

Set Mouse Wheel Preferences.

Wheel:	Zoom In/Out [DEFAULT]
Ctrl + Wheel:	Walk Forwards/Backwards [DEFAULT]
Shift + Wheel:	Pan With Zoom [DEFAULT]
Alt + Wheel:	Pan Left/Right [DEFAULT]
Zoom In/Out Ratio:	1.750 [DEFAULT]
Navigate Distance (Cursor/Wheel):	3 % [DEFAULT]
Navigate Distance (Mouse):	10 % [DEFAULT]

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- **Operation**

Set Operational Preferences.

Open Two Application Windows	(OFF) [DEFAULT]
Save Settings on Exit	(OFF) [DEFAULT]
Automatically Save Design Changes	(ON) [DEFAULT]
Compress File on Exit	(OFF) [DEFAULT]
Enter into Untitled Design	(OFF) [DEFAULT]
Display Broken Associations with Different Symbology	(ON) [DEFAULT]
Reset Aborts Fence Operations	(ON) [DEFAULT]
Level Lock Applies for Fence Operations	(ON) [DEFAULT]
Optimized Fence Clipping	(ON) [DEFAULT]
Display Active Level in All Views	(ON) [DEFAULT]
Viewing Tools Apply to Active View	(ON) [DEFAULT]
Use Snap Mode from Preferences	(OFF) [DEFAULT]
Resource Cache:	(4096) [ODOT Setting]

- **Position Mapping**

Set Position Mapping (Keyboard Navigation) Preferences.

Use Position Mapping	(ON) [DEFAULT]
Show Position Mapping Aids	(ON) [DEFAULT]
Main Toolbox Keys:	1234567890 [DEFAULT]
View Toolbox Keys:	(Blank) [DEFAULT]
Task Toolbox Keys:	QWERTASDFGZXCVB [DEFAULT]
Tool Settings Keys:	YUIOPHJKL;NM,./ [DEFAULT]
Right Handed	[DEFAULT]

- **Raster Manager**

Set Raster Manager preferences.

General:

Update MS_RFDIR Automatically	(OFF) [DEFAULT]
Ignore Locate Interiors	(ON) [DEFAULT]
Disable Delete Element Tool on Selected Rasters	(ON) [ODOT Setting]
Display Raster Using an Independent Process	(ON) [DEFAULT]
Display Raster Border:	When Selected [DEFAULT]

Default Attributes:

Use Active Level	(OFF) [ODOT Setting]
Use Active Color	(OFF) [ODOT Setting]
Use Active Line Style	(OFF) [ODOT Setting]

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Use Active Line Weight (OFF) [ODOT Setting]
Use Active Element Class (OFF) [ODOT Setting]
Use Active Element Priority (OFF) [ODOT Setting]

Set Default Attributes...

Action:

Place Interactively: No [DEFAULT]
Attach Raster Read Only: Yes [DEFAULT]
Open Settings Dialog: Yes [DEFAULT]

General:

Level: **RS_Raster1 [ODOT Setting]**
Color: 255,127,0 [DEFAULT]
Line Style: 2 [DEFAULT]
Weight: 1 [DEFAULT]
Class: Primary: [DEFAULT]
Priority: 0 [DEFAULT]

Geometry:

Geo Priority: Attachment [DEFAULT]
Inherit GeoCS from Model: Not Inherited [DEFAULT]
Take Default Z Value From: Global Origin [DEFAULT]

Color:

Tint: 255,255,255 [DEFAULT]
Contrast: 0 [DEFAULT]
Brightness: 0 [DEFAULT]
Invert: Do Not Invert Display [DEFAULT]

Display Print:

Views: 1-2-3-4-5-6-7-8 [DEFAULT]
Plane: Background [DEFAULT]
Print: Printable [DEFAULT]
Invert Print: Do Not Invert Print [DEFAULT]
Print Gamma: 1.00000 [DEFAULT]
Display Gamma: 1.00000 [DEFAULT]
Clip: Show [DEFAULT]
Draping: (No) [DEFAULT]

Extended:

Snappable: Snappable [DEFAULT]
Locked: Unlocked [DEFAULT]

Georeference:

Sister File Settings

Use Sister File, if Present, for Georeferenced Files (ON) [ODOT Setting]
Save Location Info in Sister File if Required (ON) [ODOT Setting]

Default Unit Settings:

Sister File: 1 Unit = 1.000000000 [DEFAULT]
Survey Feet [ODOT Setting]

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Raster file: 1 Unit = 1.000000000 [DEFAULT]
Working Units [ODOT Setting]

Use Unit Definition Geokey if Present (override PCS unit) (ON) [DEFAULT]

Memory:

Available memory: xxx MB [DEFAULT]
Limit usage to: 25 % [DEFAULT]
xxx MB [DEFAULT]

Raster Load Mode

Automatic (ON) [DEFAULT]
Standard (OFF) [DEFAULT]
RAM (not recommended) (OFF) [DEFAULT]

- **Reference**

Set Reference Preferences.

Use Color Table (ON) [DEFAULT]
Remap Colors on Copy **(OFF) [ODOT Setting]**
Cache When Display Off (OFF) [DEFAULT]
Reload When Changing Files (OFF) [DEFAULT]
Save Setting to Save Changes (OFF) [DEFAULT]
Ignore Update Sequence (OFF) [DEFAULT]
Allow Editing of Self References **(OFF) [ODOT Setting]**
Copy Levels During Copy: If Not Found [DEFAULT]
Active Reference Override Color: (ON) [DEFAULT]

Set Default Attachment Preferences

Snap [ON] [DEFAULT]
Locate [ON] [DEFAULT]
Manipulate as Element (OFF) [DEFAULT]
True Scale [ON] [DEFAULT] (not active)
Scale Line Styles [ON] [DEFAULT]
Display Raster References [ON] [DEFAULT]
Ignore When Live Nesting [OFF] [DEFAULT]
Use Lights [ON] [DEFAULT]
Plot As 3D (OFF) [DEFAULT]
Save Relative Path [ON] [DEFAULT] (not active)

Nested Attachments: Live Nesting [DEFAULT] (not active)
Nesting Depth: 1 [DEFAULT] (not active)
Display Overrides: Allow [DEFAULT]
New Level Display: Use MS_REF_NEWLEVELDISPLAY Configuration Variable [DEFAULT]

- **Spelling**

Spell Checker options.

Case Sensitive	(ON) [DEFAULT]
Suggest split words	(ON) [DEFAULT]
Report double words	(ON) [DEFAULT]
Ignore domain names	(OFF) [DEFAULT]
Ignore mixed case	(ON) [DEFAULT]
Ignore words with numbers	(ON) [DEFAULT]
Ignore words in UPERCASE	(OFF) [DEFAULT]
Ignore capitalized words	(OFF) [DEFAULT]
Language	AmericanEnglish [DEFAULT]

- **Tags**

Set Tags Preferences.

Include Tags during move/copy operation on base element	(ON) [DEFAULT]
Place Tags in Same Graphic Group	(ON) [DEFAULT]

- **Task Navigation**

Task Navigation Preferences.

Presentation: Dialog [DEFAULT]

Dialog Presentation Options

Icon Size: Medium (24 x 24) [DEFAULT]

Show Navigation Tools (OFF) [DEFAULT]
Show Main Task Tools (ON) [DEFAULT]

- **Text**

Set Text Preferences.

Fit Text by Inserting Space (OFF) [DEFAULT]
Preserve Text Nodes (OFF) [DEFAULT]
Justify Enter Data Fields Like IGDS (OFF) [DEFAULT]
Hide Field Background (OFF) [DEFAULT]

ED Character: _ [DEFAULT]
Smallest Text: 4 [DEFAULT]
Degree Display Char: 176 [DEFAULT]
Text Editor Style: Word Processor [DEFAULT]
Missing Fonts: Enable [DEFAULT]
Text Editor Font Size: **12 [ODOT Setting]**

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- **View Options – Civil** (Note: When GEOPAK is loaded this category is displayed.)

Subsurface Utilities

Profile Node Drawing: Box [DEFAULT]
Orient Top to Surface: 0.00% [DEFAULT]

Manipulator Settings

Manipulator Size: 20 [ODOT Setting]
Normal Color: 0,0,255 [DEFAULT]
Read-Only Color: 211,211,211 [DEFAULT]
Selected In Property Pane Color: 255,255,255 [DEFAULT]
Selected Color: 255, 165, 0 [DEFAULT]
Manipulator Font: Arial [DEFAULT]
Manipulator Font Scale: 1 [DEFAULT]
Manipulator Transparency: 30 [DEFAULT]
Use Shaded Manipulators: True [DEFAULT]

Superelevation Settings

Fill: Color Shaded Fill [DEFAULT]

Survey Locator

Auto Center: No [DEFAULT]
Display: On [DEFAULT]
Display Message Icons: On [DEFAULT]
Color: 238,130,238 [DEFAULT]
Weight: 0 [DEFAULT]
Fill: Fill [DEFAULT]
Size: 35 [DEFAULT]
Scale: No [DEFAULT]
Scale Value: 1 [DEFAULT]
Transparency: 60 [DEFAULT]

Maximum Error Ellipse

Major Limit: 1 [DEFAULT]
Color: 255,0,0 [DEFAULT]
Weight: 0 [DEFAULT]
Fill: Fill [DEFAULT]
Size: 10 [DEFAULT]
Scale: No [DEFAULT]
Scale Value: 1 [DEFAULT]
Transparency: 70 [DEFAULT]

Medium Error Ellipse

Major Limit: 0.5 [DEFAULT]
Color: 255,255,0 [DEFAULT]
Weight: 0 [DEFAULT]
Fill: Fill [DEFAULT]
Size: 7 [DEFAULT]
Scale: No [DEFAULT]
Scale Value: 5 [DEFAULT]

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Transparency: 70 [DEFAULT]

Minimum Error Ellipse

Major Limit: 0 [DEFAULT]
 Color: 0,128,0 [DEFAULT]
 Weight: 0 [DEFAULT]
 Fill: Fill [DEFAULT]
 Size: 3 [DEFAULT]
 Scale: No [DEFAULT]
 Scale Value: 10 [DEFAULT]
 Transparency: 70 [DEFAULT]

- **View Options**

Set View Window Look/Layout Preferences.

Show View ToolBox	Top (ON) [DEFAULT]
Scroll Bars on View Windows	(OFF) [DEFAULT]
Black Background-> White	(OFF) [DEFAULT]
Preserve Aspect Ratio of Views	(OFF) [DEFAULT]
Fast Visible Edges	(OFF) [DEFAULT]
Anti-alias Lines:	(ON) [ODOT Setting]
Anti-alias Text:	(OFF) [ODOT Setting]
Line Weights...	1:1 [DEFAULT]
Update Refresh Frequency (secs):	1.0 [DEFAULT]
Frame Rate for View Tools (frames/sec):	5.0 [DEFAULT]
Gamma Correction:	1.70 [DEFAULT]
Dynamics Transparency:	[DEFAULT]
Auto-Locate Transparency:	[DEFAULT]
Auto-Locate Display Thin Edges in Overlay	(OFF) [DEFAULT]
Design Model Background Color	(OFF) [DEFAULT]
Drawing Model Background Color	(OFF) [DEFAULT]
Sheet Model Background Color	(OFF) [DEFAULT]
Element Hilite Color	(OFF) [DEFAULT]
Selection Set Color	(OFF) [DEFAULT]

Other Settings:

Settings for tool palette properties are also saved in the **User Preference File**. The following changes were made to tool palettes in the ODOTcadd.upf. These settings are accessible by a Right-Click of the mouse on the tool palette.

Attributes Tool Palette:	<i>(ON) [DEFAULT]</i>
Active Element Template	<i>(OFF) [ODOT Setting]</i>
Active Level Filter	<i>(ON) [ODOT Setting]</i>
Active Level	<i>(ON) [DEFAULT]</i>
Active Color	<i>(ON) [DEFAULT]</i>
Active Line Style	<i>(ON) [DEFAULT]</i>
Active Line Weight	<i>(ON) [DEFAULT]</i>
Active Element Class	<i>(OFF) [DEFAULT]</i>
Active Element Transparency	<i>(ON) [DEFAULT]</i>
Active Element Priority	<i>(ON) [DEFAULT]</i>
Symbology Preview	<i>(OFF) [DEFAULT]</i>

Primary Tool Palette:	<i>(ON) [DEFAULT]</i>
Models	<i>(ON) [DEFAULT]</i>
References	<i>(ON) [DEFAULT]</i>
Raster Manager	<i>(OFF) [ODOT Setting]</i>
Point Clouds	<i>(ON) [DEFAULT]</i>
Saved Views	<i>(OFF) [ODOT Setting]</i>
Level Manager	<i>(ON) [DEFAULT]</i>
Level Display	<i>(ON) [DEFAULT]</i>
Cells	<i>(OFF) [ODOT Setting]</i>
Auxiliary Coordinates	<i>(OFF) [ODOT Setting]</i>
Element Information	<i>(ON) [DEFAULT]</i>
Items	<i>(OFF) [DEFAULT]</i>
Markups Dialog	<i>(OFF) [DEFAULT]</i>
Project Explorer	<i>(ON) [DEFAULT]</i>
Item Sets	<i>(OFF) [ODOT Setting]</i>
Toggle AccuDraw	<i>(ON) [DEFAULT]</i>
Key-in	<i>(OFF) [DEFAULT]</i>
PopSet	<i>(ON) [DEFAULT]</i>

Standard Tool Palette:	<i>(ON) [ODOT Setting]</i>
New	<i>(ON) [DEFAULT]</i>
Open	<i>(ON) [DEFAULT]</i>
Save	<i>(ON) [DEFAULT]</i>
Print	<i>(OFF) [ODOT Setting]</i>
Cut	<i>(ON) [DEFAULT]</i>
Copy	<i>(ON) [DEFAULT]</i>
Paste	<i>(ON) [DEFAULT]</i>
Undo	<i>(ON) [DEFAULT]</i>
Redo	<i>(ON) [DEFAULT]</i>
Bentley Library	<i>(ON) [DEFAULT]</i>
Help	<i>(ON) [DEFAULT]</i>

Docking Preference File:

The Docking Preference XML File stores information about docked dialog boxes in MicroStation. ODOT configures an ODOTDockingPrefSeed.xml file to dock the Project Explorer on the right side of the MicroStation Window.

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>