



# Customizing Your Civil Application to Work How You Work

Mike Wilson, Bentley



## What We Will Learn Today

You will learn to make yourself more productive by customizing MicroStation, PowerCivil for Denmark, Power InRoads or MXROAD to the way you work and think.

Today we will look at a variety of options for customizingLet's get started...





### Mike Wilson's Favorite Command

- Of all the commands one stands above them all.
- I like it better than cross sections
- I like it better than roadway designer
- And it is...

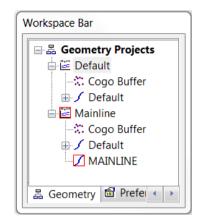


#### **Power InRoads / InRoads Explorer**

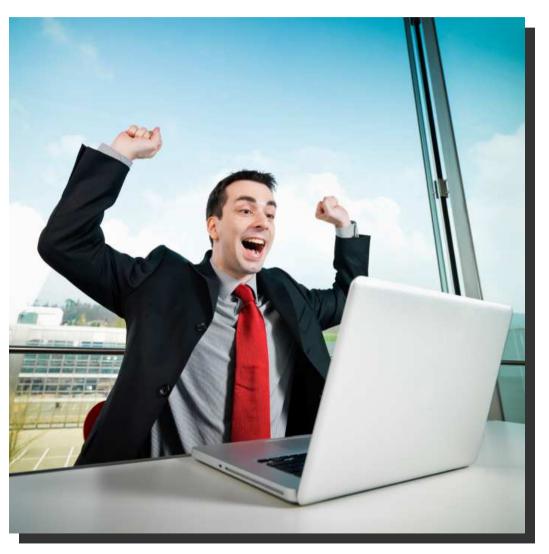
- Hide to Increase Visible Screen
  - Right-click > Show/Hide Explorer
  - Power InRoads Tools > Show/Hide Explorer
  - Applications > InRoads Group > Tools > Show/Hide Explorer

#### - Pull-off Workspace Bar

<u>File Surface Geometry Bridge D</u>	ainage S <u>u</u> rvey	Evaluation Mo	deler Site Mode	eler Drafting Qu	iantities <u>T</u> ools	Help			
	Name	Description	By Whom	Last Revised	Access Mode	Style	Integrity	Curve Defin	St
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Be Together

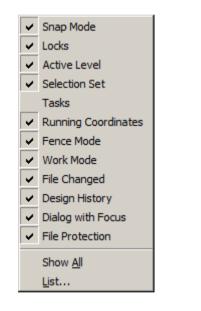






## **Personalizing the Status Bar**

- Right-click to customize
- Add Running Coordinates
- •
- •
- Let's explore...



Element Selection > Identify element to add to set	2	Default	26.2038, -49.1321		8	



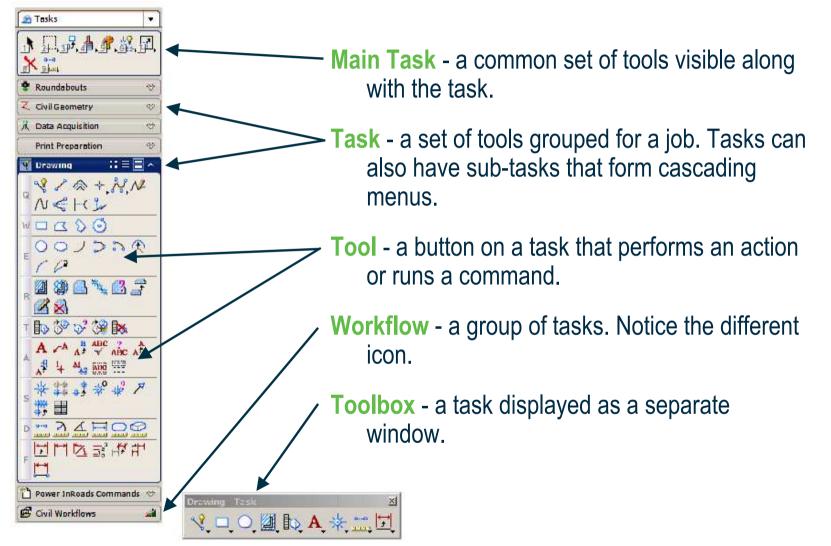








# Task Terminology



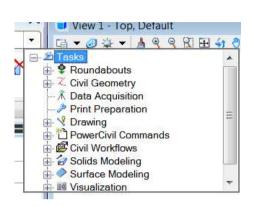


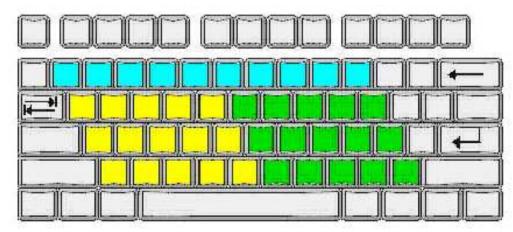
# **Using Tasks**

- Navigating
- Task Dialog
- Tool Boxes
- Docking
- Pinning
- Show/Hide
- Positional Mapping



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# **PowerCivil Tasks**

- Data Acquisition
- Civil Geometry
- Roundabouts
- Civil Workflows
- Use as Delivered
- or –
- As Basis for Customization

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Civil Workflows	•
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🖉 File Management	$\diamond$
Å Survey	~
😫 Surface Compilation	~
쒑 Site Design	~
1 Layout and Design Roads	~
🕲 Design Drainage	$\diamond$
🧏 General Civil Drawings	~
Visualize Model	~





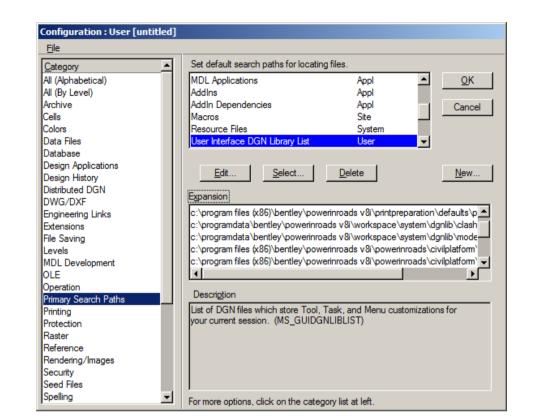






# **Customizing Tasks**

- Customizations Done
   in a .dgnlib file
- Must be in the .dgnlib
- .dgnlib Must be in Configuration Path



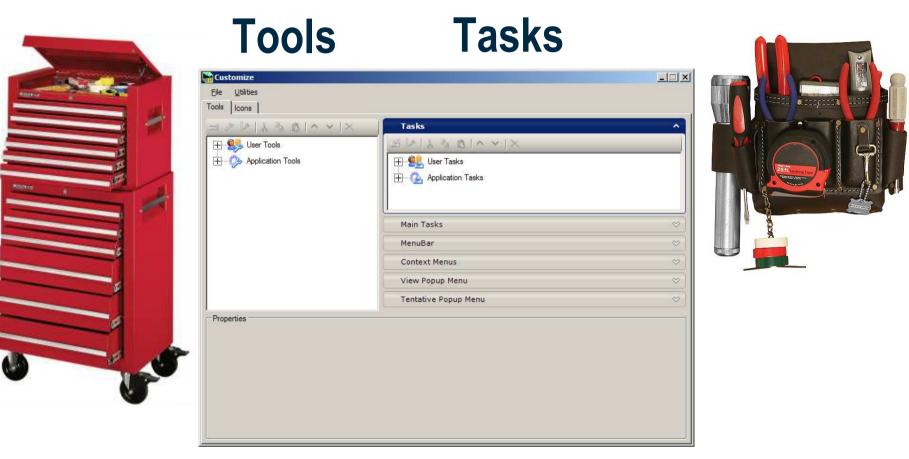
- Primary Search Paths > User Interface DGN Library List
- MS\_GUIDGNLIBLIST
- Avoid Editing Delivered .dgnlib Files



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#### **Customization Dialog**

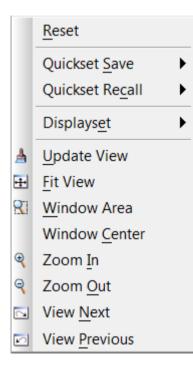


#### **Properties**

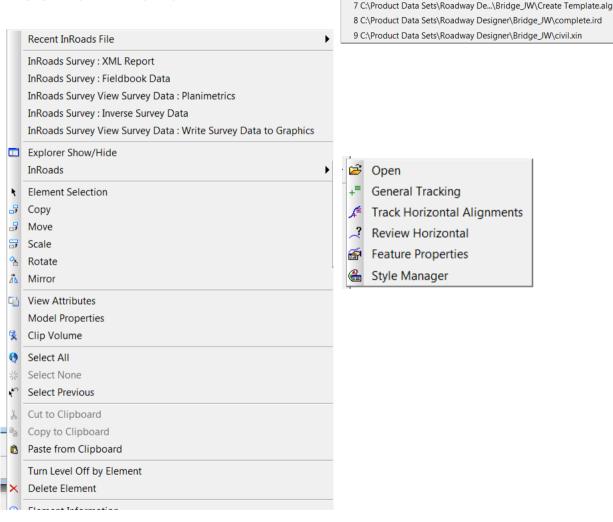


### Menus

#### **View Popup Menu**



#### Context Menu







1 C:\Nordic\Using the New Geometry Tools in P...\Data\Mainline.alg

6 C:\Product Data Sets\Roadway Designer\Bridge\_JW\original.dtm

2 C:\Product Data Sets\InRoads - Standard\civil.xin

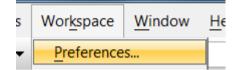
3 C:\Product Data Sets\InRoads - Standard\existing.dtm 4 C:\Product Data Sets\InRoads - Standard\proposed.dtm 5 C:\Product Data Sets\InRoads - Standard\MS\_Project.rwk







# **Civil Items**



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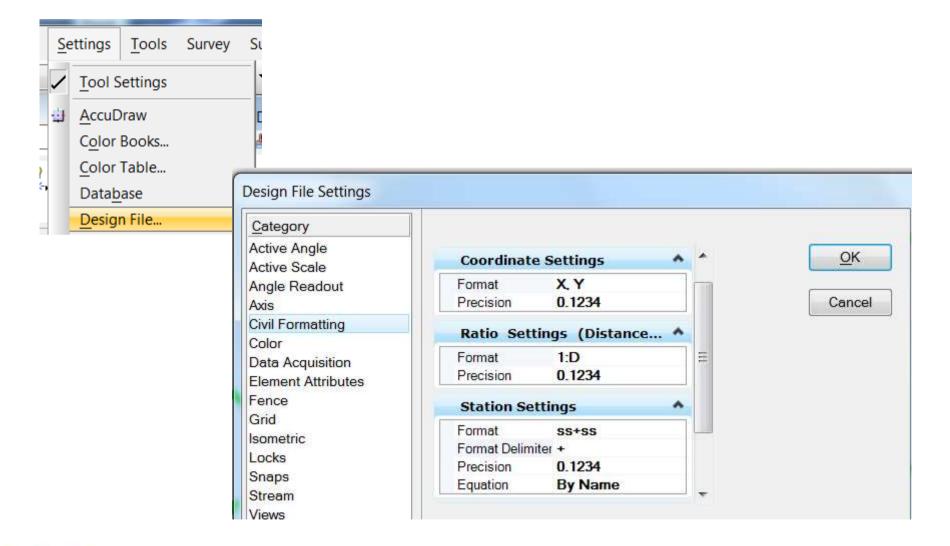








# **Design File Settings**











### **Element Templates**

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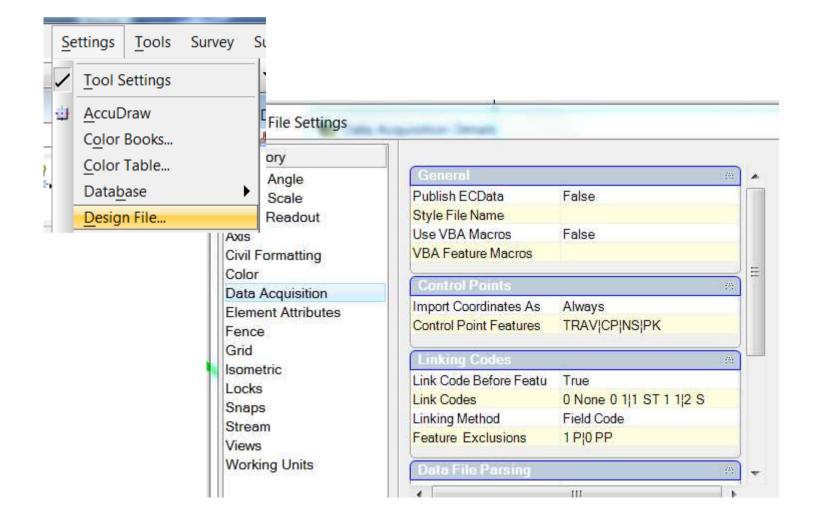








# **Design File Settings**







# What is your favorite customization?





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# Thanks!!





