

# *Appendix D*

## *InRoads Standard Workflow*

## Appendix D

### InRoads Standard Workflow

#### Workflow:

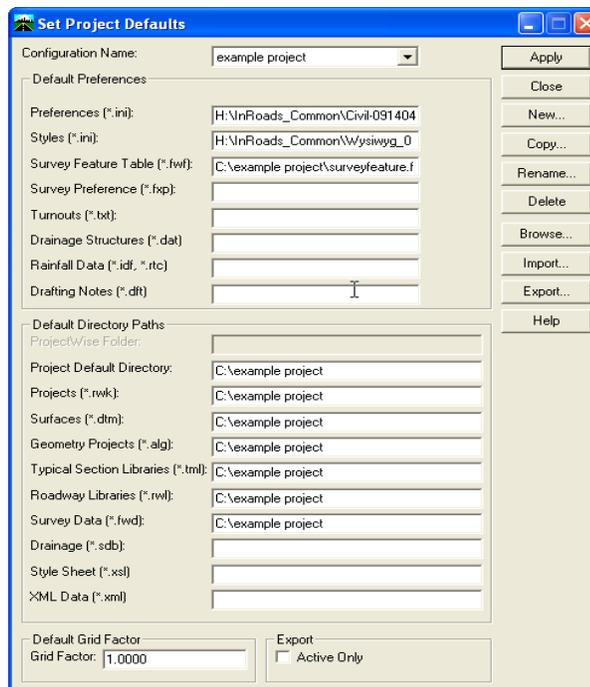
##### **1.0 Copy the *Standard Civil[date].ini* and *Wysiwyg[date].ini* and *Standard acc-* *tcnames.tml* file files to the project in which you will be working.**

Note. *The civil.ini is referred to as Preferences and the Wysiwyg.ini are Styles [the wysiwyg.ini contains geometry styles only]. The Template library (tml) holds the standard Transition Control Names with assigned Feature Styles.*

##### **2.0 Set up the project defaults.**

- 2.1 Set the path to the INI files.
- 2.2 Set the path to the TML file.
- 2.3 Set the remaining paths; i.e., RWK, RWL, etc.

Note: These project settings will save much time when subsequently opening the project model files.



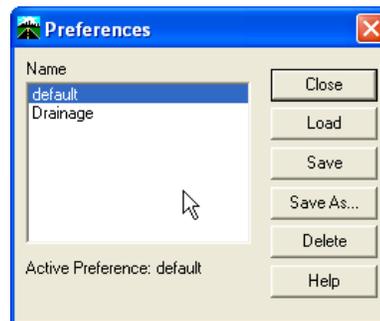
##### **3.0 Set the Preference Settings Select the corresponding preference name.**

*2.1 Preference names are associated with disciplines, scales, and horizontal and vertical exaggeration factors.*

- 2.1.1 *Preference settings have been set up using a base general text size of .12 feet (for English units). When the scale factor of 100 is applied, the text is placed at 12.0 feet.*

*Note:* It is important that the designer plan for the final plot size so that the appropriate scale is selected and therefore, the appropriate text final text height.

- 2.1.2 *Load the correct preference. Note:* In the various tool dialogs, you will find the “Preference” button at the bottom of the dialog. Notice that when selected, you can close, save, save as, load, or delete.



#### **4.0 Develop the Design the Model and Components**

- 4.1 *Create a working DGN file to develop the DTM model.*
- 4.2 *Develop the Model (dtm) in this “working” file. Develop the various scenarios, alternatives until the final design is completed. Save the DTM, TML, ALG, RWL to a RWK or Project File. This will allow the user to retrieve the individual model components listed above by only opening the RWK file. This will open and/or checkout the components assigned.*
- 4.3 *Assign the appropriate Feature Styles, Named Symbologies, and TC Names when developing the model. This will allow the model features to display with the standard defined graphic attributes. When finished with the modeling process, save the model to the final DTM*

#### **5.0 Create the Standard Microstation Model Files**

- 5.1 *Create the model files (for example, Flood Protection Features such as Levees and canals, and contours must be written to a model file that has been set up for that purpose. Cross Section would be written to a separate model file. These files then are referenced to a sheet file. Note: See the Standards Implementation and Resource Guide to see the model files and the levels and graphic attributes included in each.*
- 5.2 *Select the provided Seed Files for each model file when creating new files to display and write the dtm features.*

**6.0 Write the Graphic data to the appropriate model files.**

*6.1 Model file listing for each discipline can be found on the web at.*

*http://*

*6.2 Insure that only the appropriate information is written to each Model File.*

**7.0 Reference the model files to the sheet files and complete the pagination.**

*7.1 The various model files will be referenced to the sheet file. For example, a Flood Protection Plan, Survey and Mapping, and a Border would reference to the Sheet File. Finally the Sheet information and symbology will be added to complete the sheet.*