

# ***FDOTSS4 Actions Menu***

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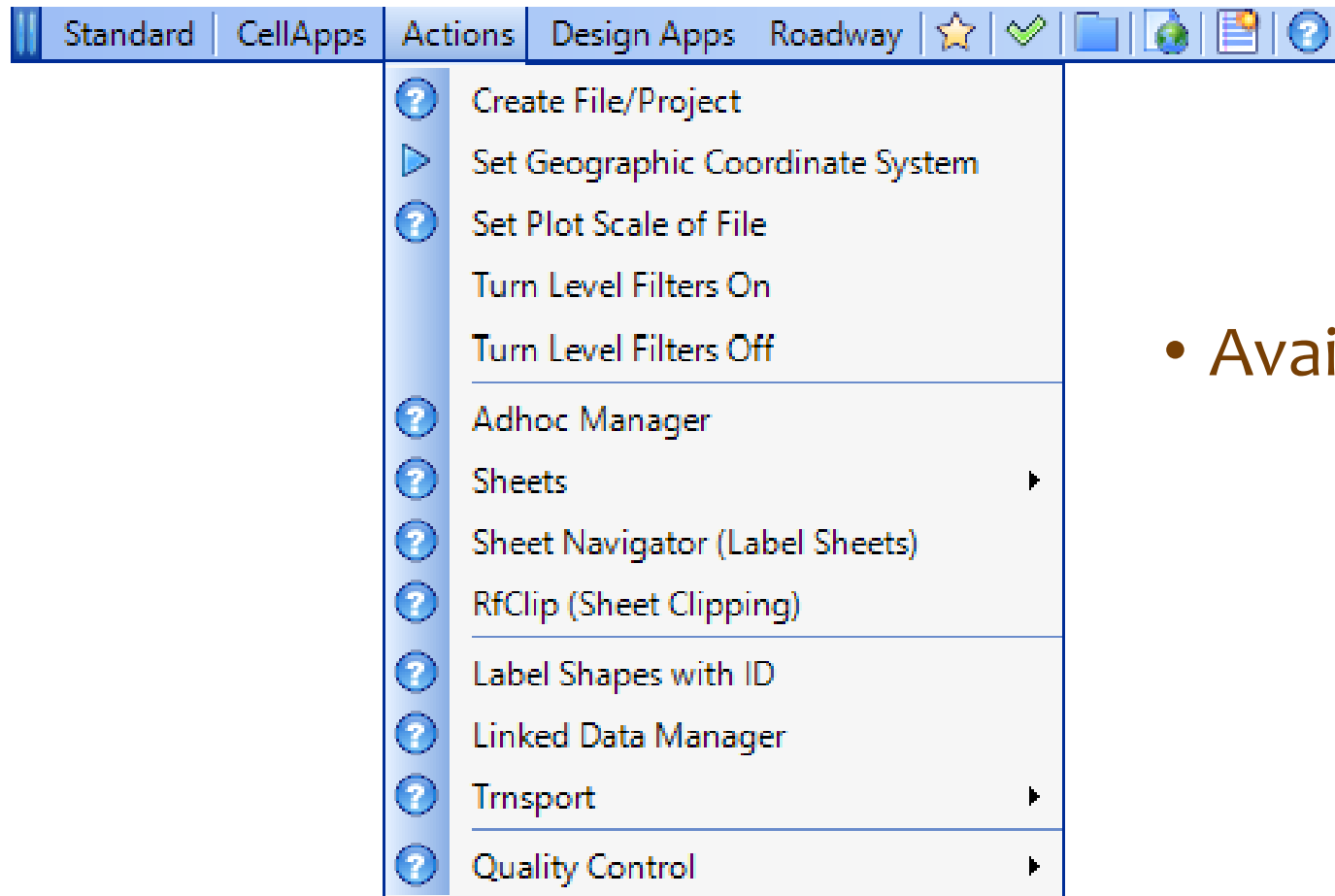
# Objectives

- Explore the FDOT Standard and Cell Apps Menus
  - Valuable resources
  - Tools available to help save design time

# Introduction

- Part 3 of 3 of a series of webinars to go over the FDOT Menu. There are a variety of tools and resources made available to the designers to help in the CADD processes.

# Actions Menu



- Available in ALL workspaces

# Actions Menu – Create File/Project

Project:  Project Settings

Workspace:

Control File:

File Group:

File Type:

Output File:  Browse

Output Folder:  Browse

Seed File:  Browse

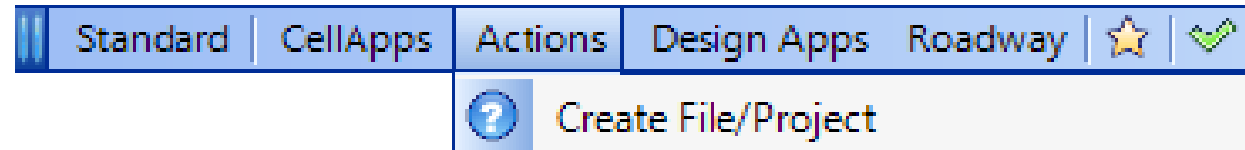
Seed Path:

Action:  Apply Action

Create Open File

Active File for Open/Edit: Last File Created or One before Output File

OK



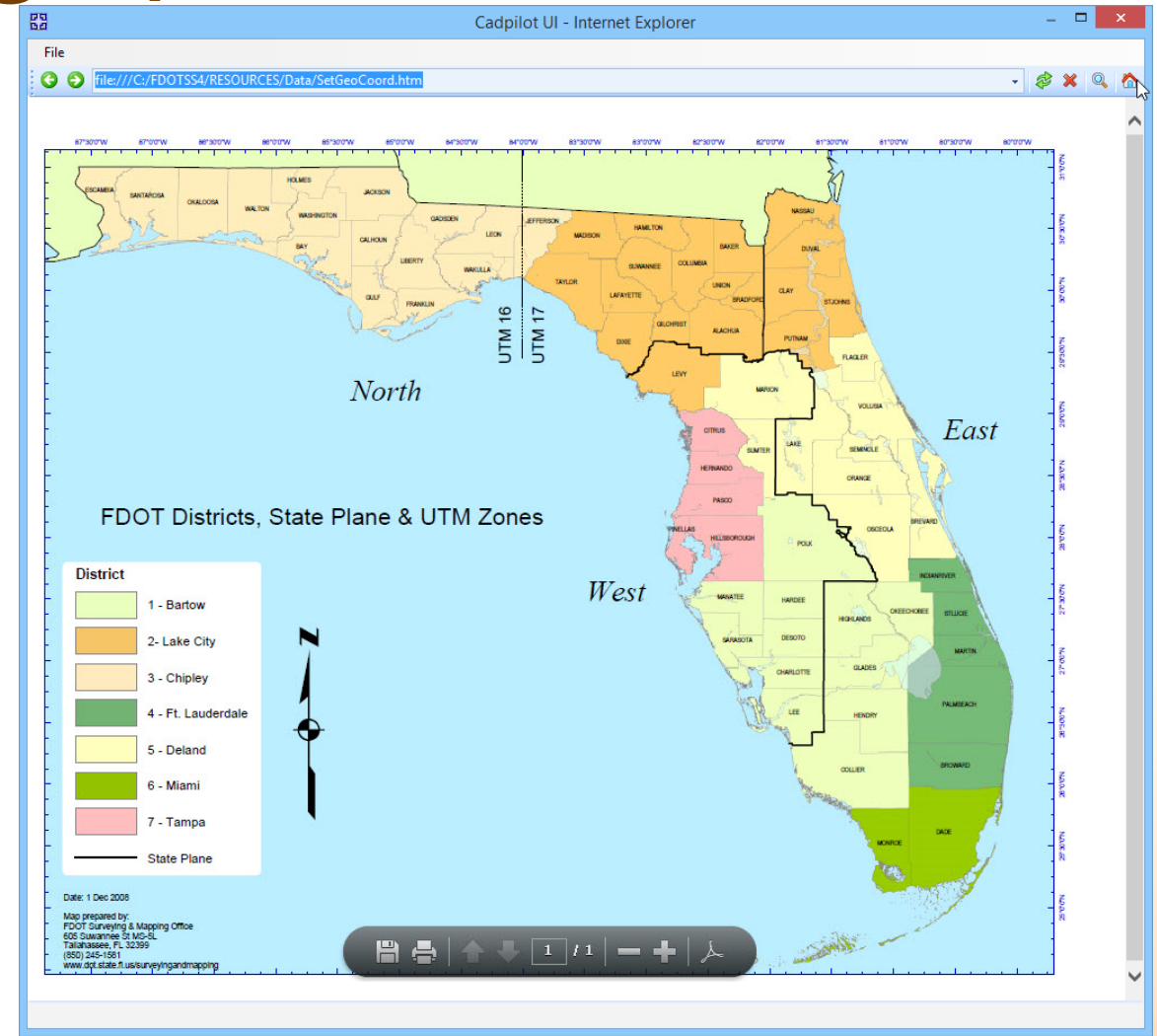
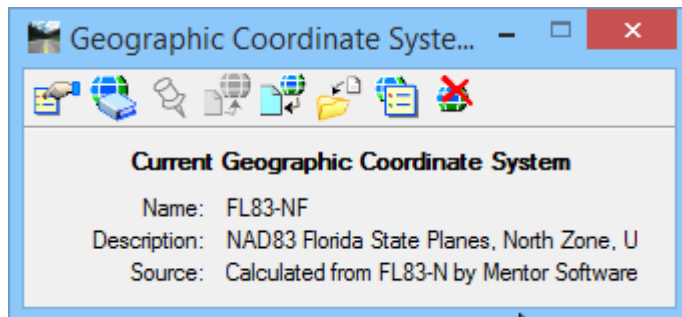
- Opens the Create File/Project Application
  - Use to create new files
  - Insures
    - Correct File Name
    - Correct Seed File

# Actions Menu – Set Geographic Coordinate System



## Set Geographic Coordinate System

- Opens the Florida State Plane & UTM Zones map which is used to set the coordinate system by clicking on the project location.
- Once clicked the Geographic Coordinate System dialog opens.

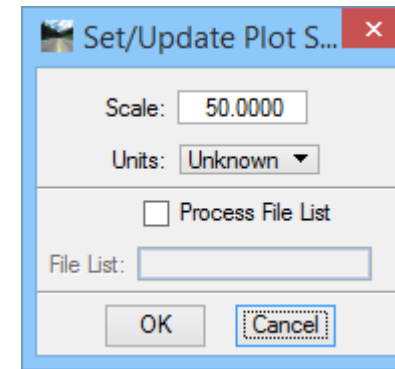


# Actions Menu – Set Plot Scale of File




## Set Plot Scale of File

- Opens Set/Update Plot Scale
  - Sets the Plot Scale and Units for the active file.
  - Will process a list of files when the Process File List is toggled on.



### Setting Plot Scale for Multiple Design Files

1. Toggle **On** the *Process File List* option by selecting the checkbox.
2. To process *all models* in a single design file, type in the name of the design file in the *File List* text field and then click **OK**.
3. To process *multiple* design files use wild card symbols in the *File List* text field.  
For example, type *planrd\*.dgn* in the *File List* text field, to process all plan sheets in the working directory. Likewise, type *\*.dgn*, to process all design files in the working directory.  
Once the *File List* is specified, click **OK** to process the design file(s).
4. Once the plot scale is set, it will be shown in the MicroStation title bar.

 [Plot Scale= 50.0000, Units=English, AS=100.0000, TX= 7.0000, LS= 5.0000, CLS=100.0000]

# Actions Menu – Turn Level Filters On/Off

Turn Level Filters On

Turn Level Filters Off

- Turns the FDOT Standard Level Filters On and Off
  - Like changing the FDOT Workspace, this will activate a vba that will close the current file and reopen it.

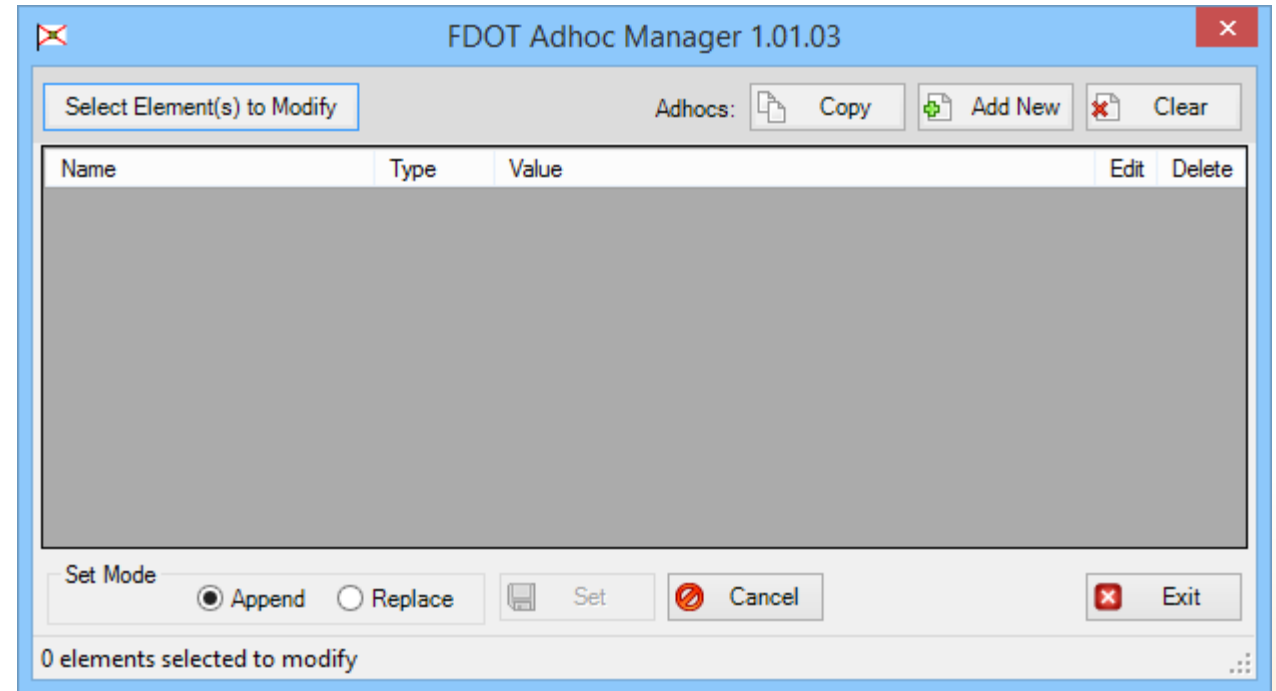


# Actions Menu – Adhoc Manager

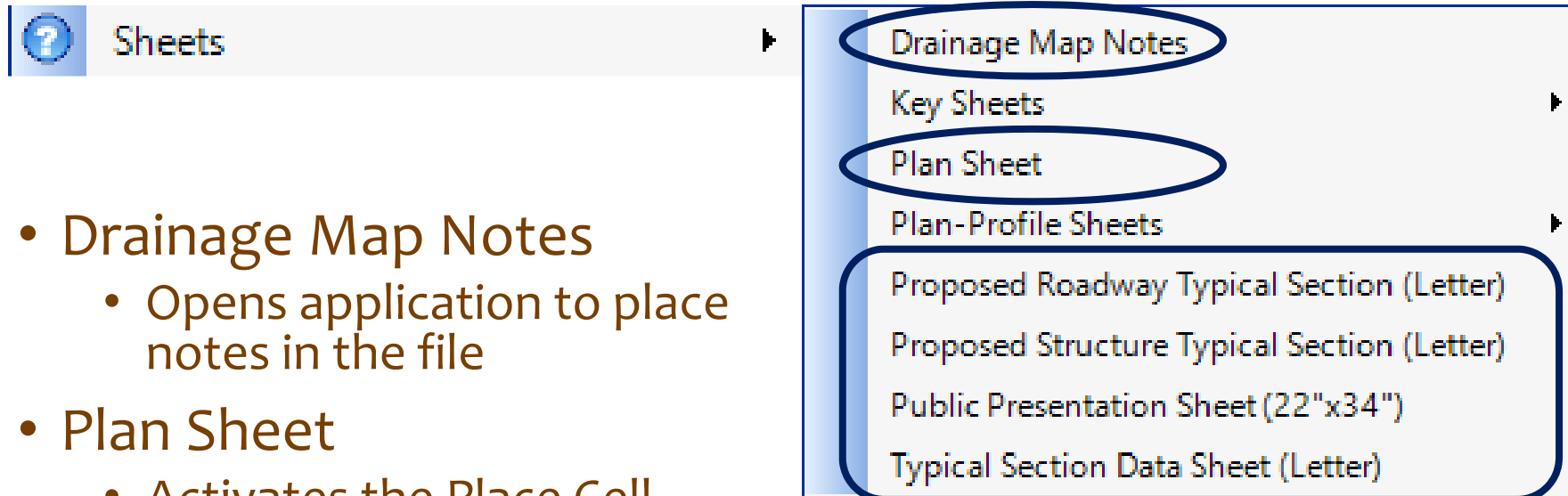


Adhoc Manager

- Opens the FDOT Adhoc Manager
  - Modify, Copy, Delete, or add New adhoc attributes to elements
  - Tool developed to address Adhoc Attributes for designers without access to the GEOPAK 3PC AdHoc Attribute Manager



# Actions Menu – Sheets



- Drainage Map Notes
  - Opens application to place notes in the file
- Plan Sheet
  - Activates the Place Cell command with the default scale set to to the Active Scale.
- Typical Section Sheets
  - Activates the Place Cell command with the default scale set to the Active Scale.

# Actions Menu – Sheets

## Key Sheets with Map

ITS Keysheet w/o Map

ITS Keysheet (w/FA) w/o Map

Lighting Keysheet w/o Map

Lighting Keysheet (w/FA) w/o Map

Signalization Keysheet w/o Map

Signalization Keysheet (w/FA) w/o Map

Signing\_Pav't Marking Keysheet w/o Map

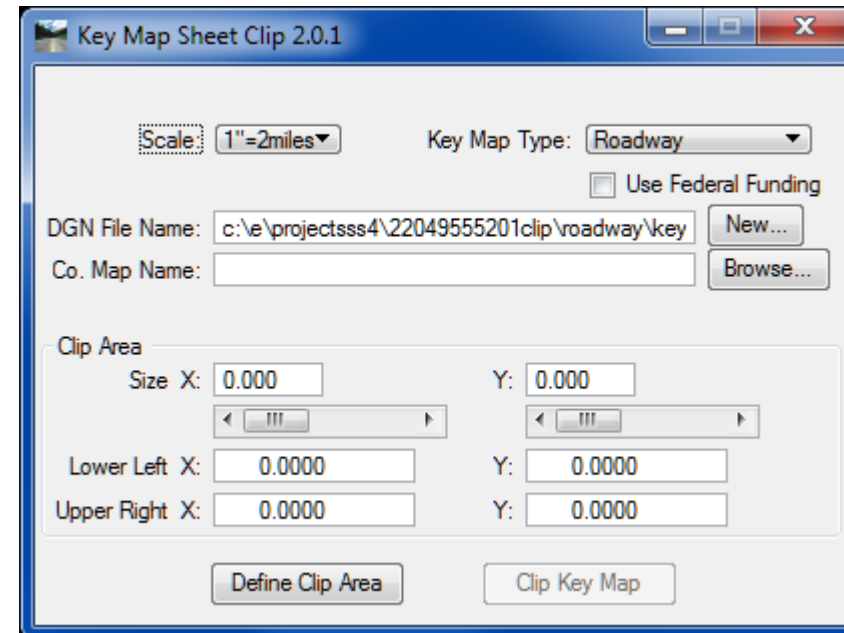
Signing\_Pav't Marking Keysheet (w/FA) w/o Map

- Options w/o Map

- Places the selected Key Sheet cell in the file at location 10000, 10000 at a scale of 5280.

- Key Sheets with Map

- Opens the FDOT Key Sheet application which creates the DGN file, clips the map file and references the map to the correct location inside the placed Key Sheet cell.



# Actions Menu – Sheets

Label Profiles

Plan-Profile Sheet (Standard)

Plan-Profile Sheet (Optional)

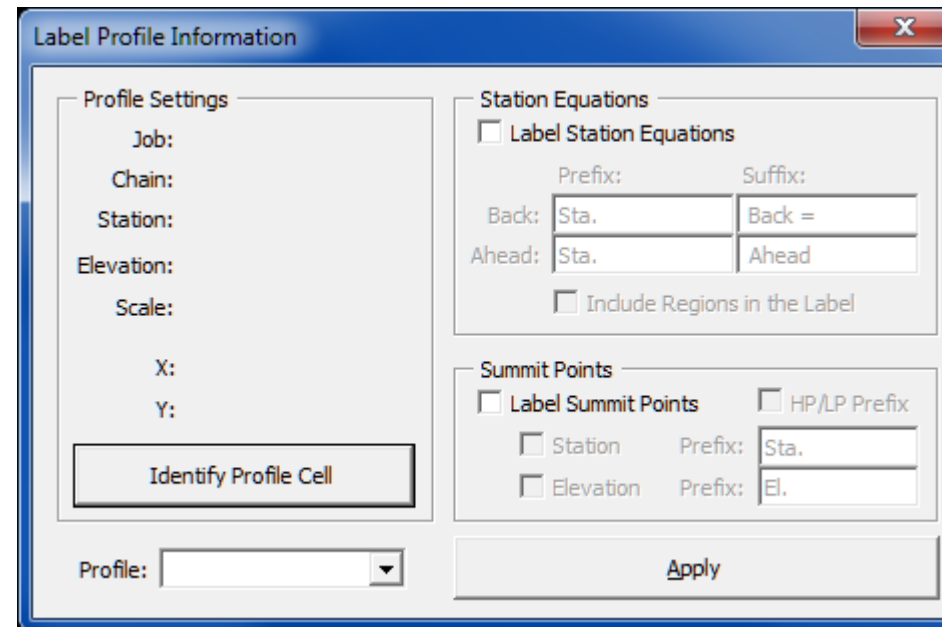
Profile Sheet (Standard)

Profile Sheet (Optional)

Dual Profile Sheet

- Remaining Options...
  - Places the sheet cell at the active scale of the file.

- Label Profiles
  - Opens the Label Profiles applications which labels station equations and VPI



The screenshot shows the 'Label Profile Information' dialog box with the following sections:

- Profile Settings**
  - Job:
  - Chain:
  - Station:
  - Elevation:
  - Scale:
  - X:
  - Y:
  - Identify Profile Cell button
- Station Equations**
  - ☐ Label Station Equations
  - Prefix: Suffix:
  - Back: Sta. Back =
  - Ahead: Sta. Ahead
  - ☐ Include Regions in the Label
- Summit Points**
  - ☐ Label Summit Points ☐ HP/LP Prefix
  - ☐ Station Prefix: Sta.
  - ☐ Elevation Prefix: El.
- Profile: [dropdown menu]
- Apply button

# Actions Menu – Sheet Navigator (Label Sheets)

## Sheet Navigator (Label Sheets)

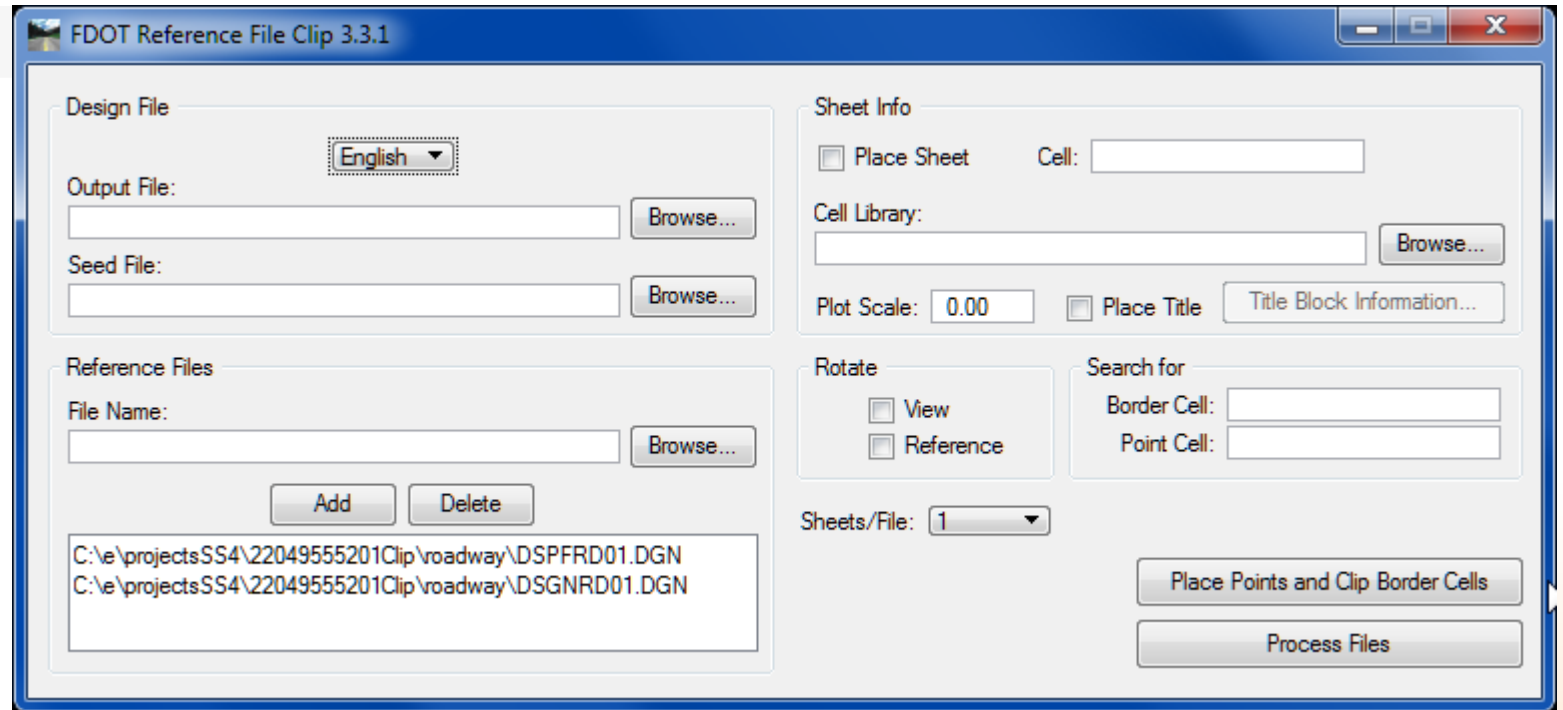
- Opens Sheet Navigator
  - Application used to help maintain/organize sheets in the plans set

The screenshot shows the 'Sheet Navigator' application window. It has a menu bar with 'File', 'Edit', 'Renumbering / Multi-Edit', 'Revisions', 'Settings', and 'Help'. Below the menu bar are two tabs: 'Navigator' and 'Sheet Edit'. The 'Sheet Edit' tab is active, showing a form for editing sheet information. On the left, there is a 'Sheets' list with 'undefined' selected. The main form contains fields for 'Sheet Number', 'Financial Project ID 1', 'County 1', 'Road Number', 'Financial Project ID 2', 'County 2', 'Sheet Description', 'Project Description', 'Sheet Type' (set to '01-PLAN SHEET'), and 'Sheet Component' (set to 'UNKNOWN'). On the right, there are checkboxes for 'Allow Plot' (checked) and 'Obsolete', a 'Revision' dropdown (set to '00'), a 'Component Override' checkbox, a 'Print Style' dropdown, and a 'Digital Signature Note' dropdown. At the bottom right, there are buttons for 'Add Engineering Record Cell', 'View Engineering Record Text', 'View Boundary Coordinates', 'Save Sheet', 'Save All', 'Refresh Sheet', and 'Reload All'. A note at the bottom states: '\*Note: Fields in red are saved as attribute data only, because no matching text elements were found'.

# Actions Menu – RfClip (Sheet Clipping)

## RfClip (Sheet Clipping)

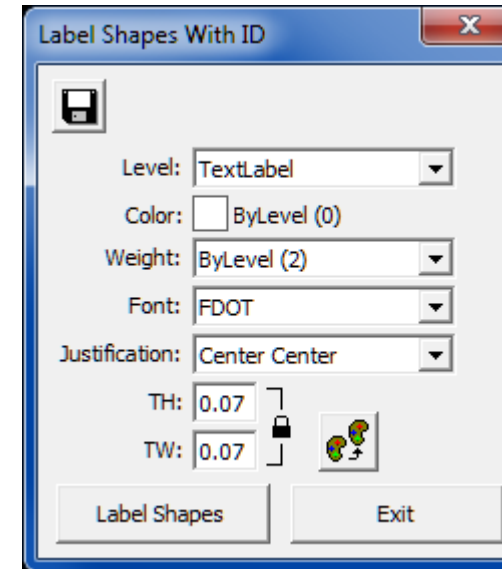
- Opens the old FDOT Reference File Clip program
  - This will eventually be retired...




# Actions Menu – Label Shapes with ID

## Label Shapes with ID

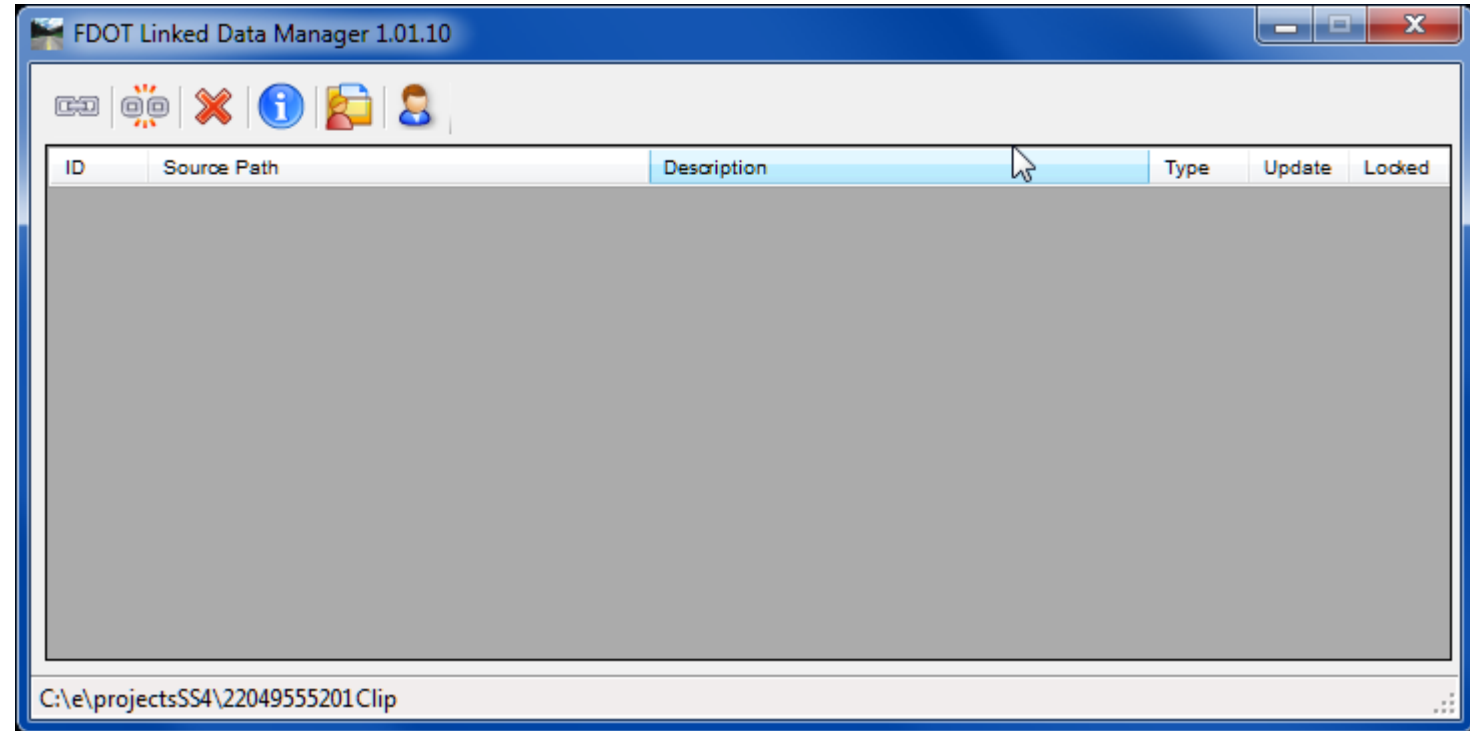
- Opens the Label Shapes With ID VBA
  - Application used to automate the quantity shape labels in the QTDSRD file



# Actions Menu – Linked Data Manager

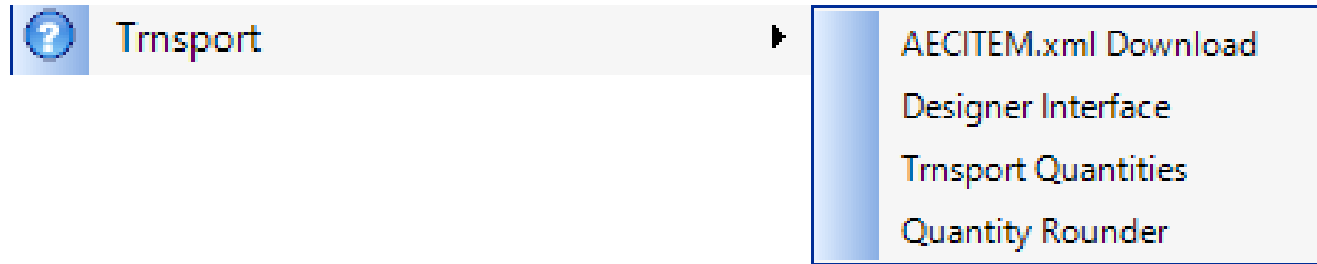
 Linked Data Manager

- Opens FDOT Linked Data Manager (LDM)
  - Application used to link and update outside source files in the MicroStation DGN file graphically



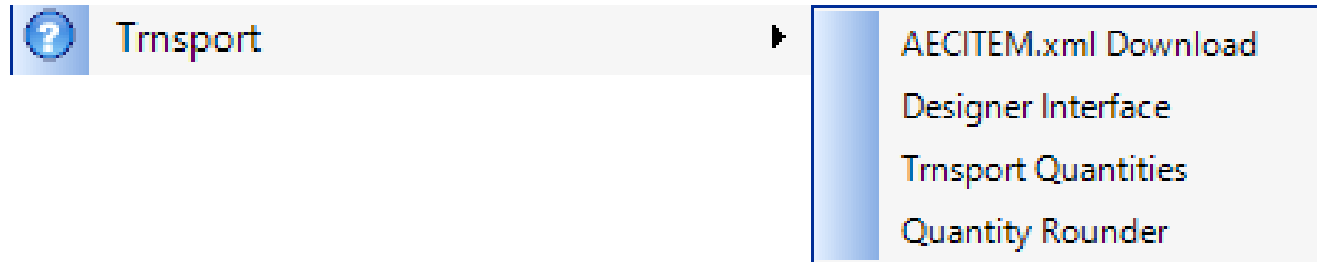


# Actions Menu – Trnsport

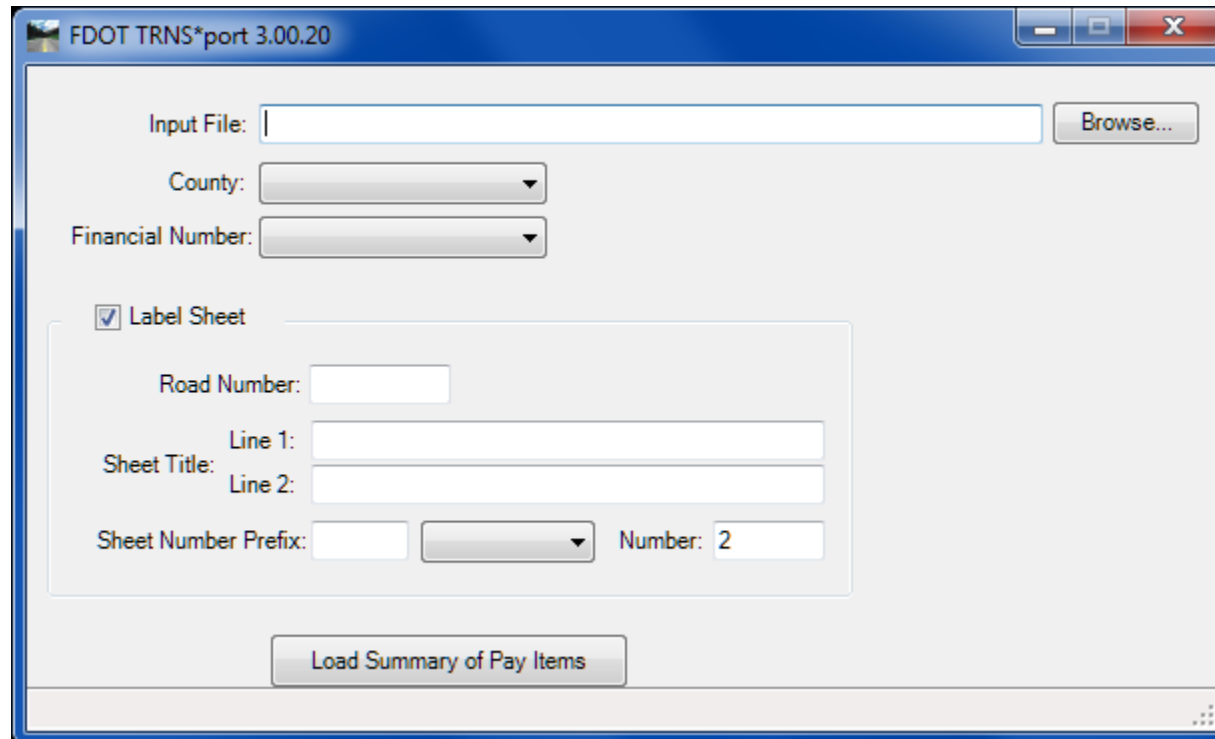


- Offers useful options in the Quantity Workflow
  - AECITEM.xml Download
    - Link to the FDOT FTP site where the AECITEM.xml file is downloaded from Project Preconstruction
    - Used by Quantity Manager in manual Pay Item entries
  - Designer Interface
    - Link to the Web Gate website which has the links to Designer Interface and Web Trnsport Reporting

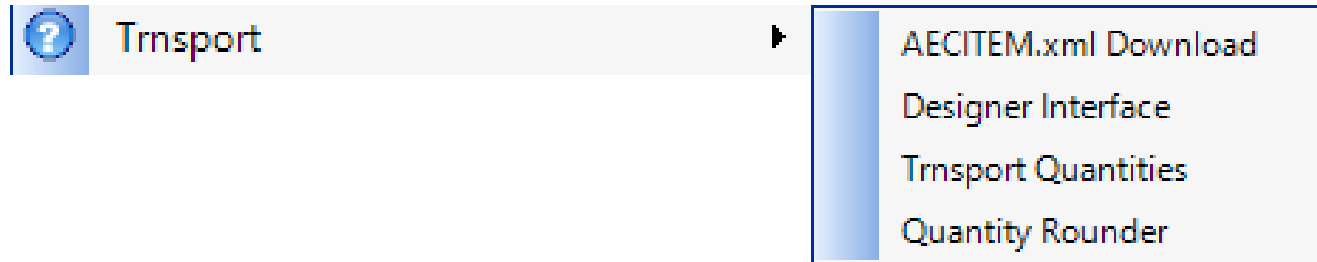
# Actions Menu – Trnsport



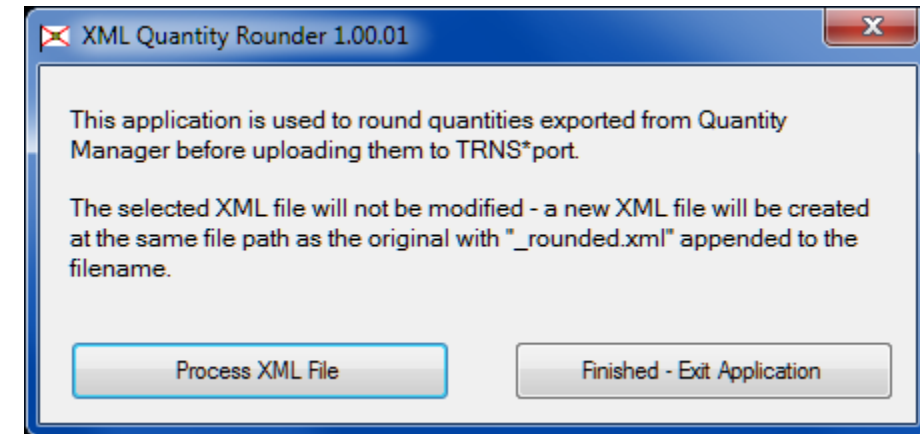
- Trnsport Quantities
  - Opens the FDOT application that creates the Summary of Quantities sheets from the xml file downloaded from the Web Trnsport Reporting page.

A screenshot of the 'FDOT TRNS\*port 3.00.20' application window. The window has a blue title bar. Inside, there are several input fields and buttons. At the top, 'Input File:' is followed by a text box and a 'Browse...' button. Below that are 'County:' and 'Financial Number:' dropdown menus. A checked checkbox labeled 'Label Sheet' is present. Underneath it, there's a 'Road Number:' text box, followed by 'Line 1:' and 'Line 2:' text boxes. Below these is a 'Sheet Title:' label. At the bottom of the input section, there's a 'Sheet Number Prefix:' text box, a dropdown menu, and a 'Number: 2' text box. A 'Load Summary of Pay Items' button is at the bottom of the window.

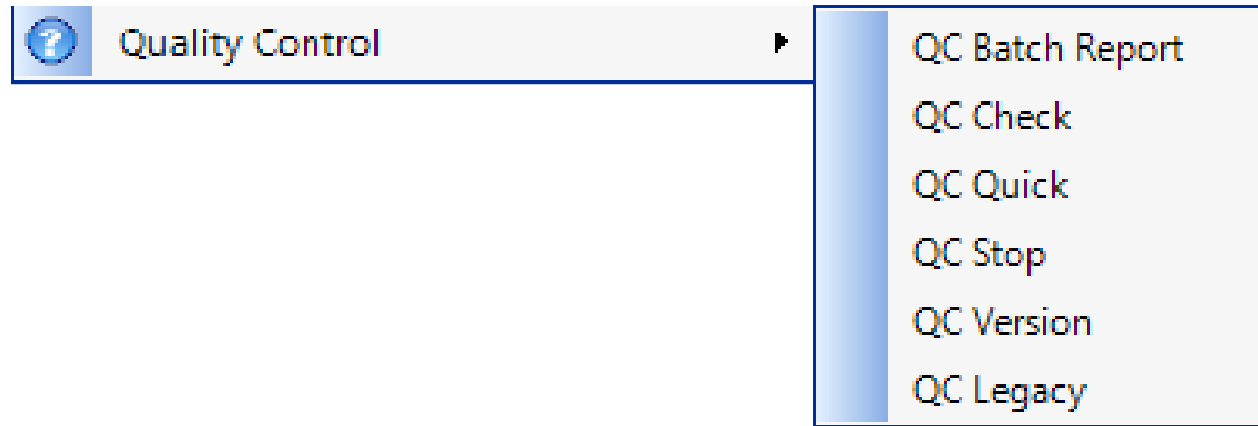
# Actions Menu – Trnsport



- Quantity Rounder
  - Application used to round the quantities in the exported xml from Quantity Manager to the correct final accuracy per the Basis of Estimates prior to uploading into Designer Interface



# Actions Menu – Quality Control



- Provides links to open the FDOT Quality Control Suite of tools...

# Thank you...

Need some HELP? Contact me...

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OR: [ecso.support@dot.state.fl.us](mailto:ecso.support@dot.state.fl.us)

<http://www.dot.state.fl.us/ecso>

FDOT CADD Support Forum On-line

[http://communities.bentley.com/communities/user\\_communities/fdot\\_cadd\\_support/default.aspx](http://communities.bentley.com/communities/user_communities/fdot_cadd_support/default.aspx)