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
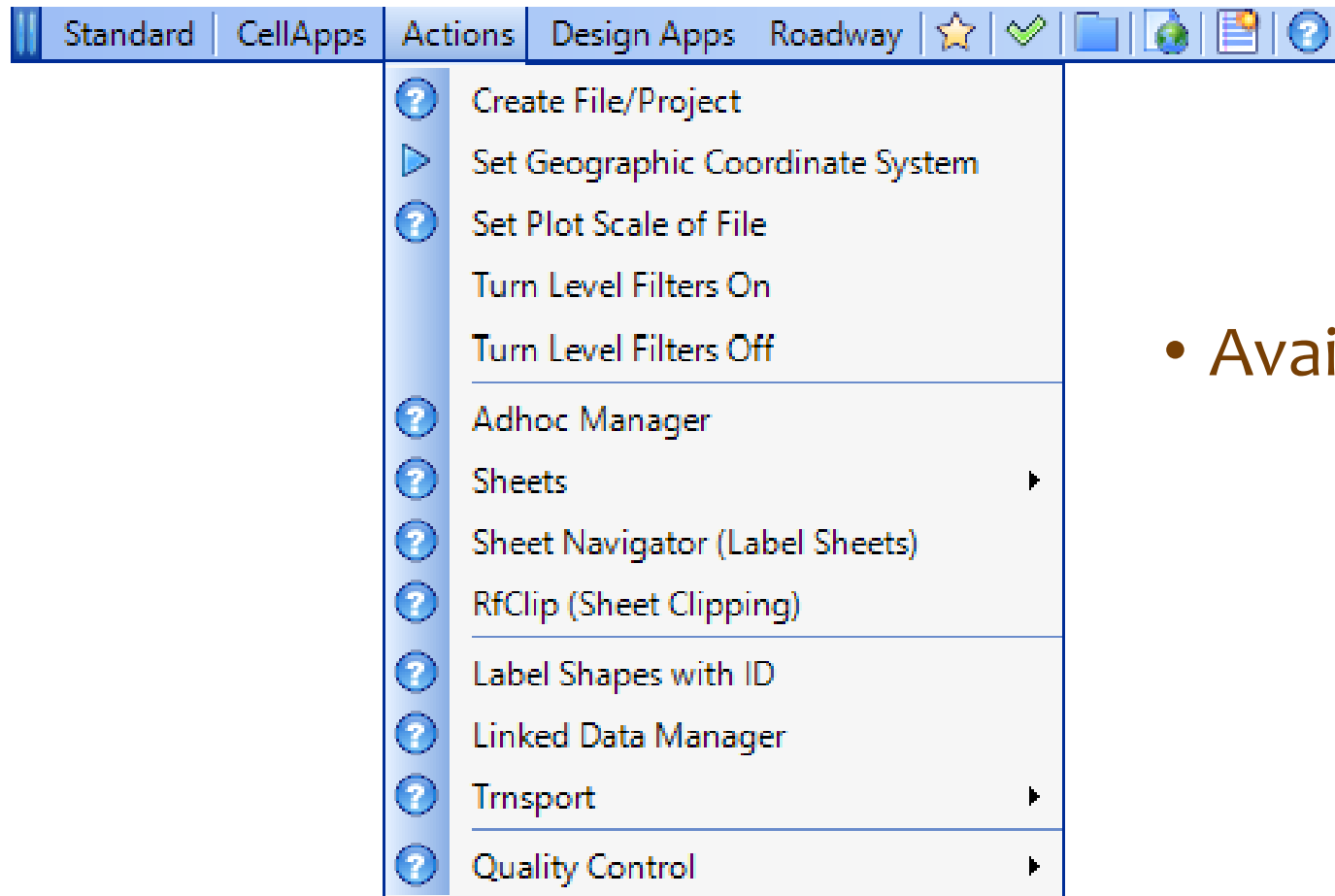
- Available in ALL workspaces

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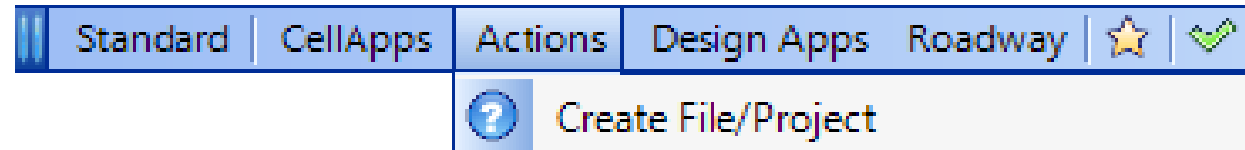
- Opens the Create File/Project Application
  - Use to create new files
  - Insures
    - Correct File Name
    - Correct Seed File

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.

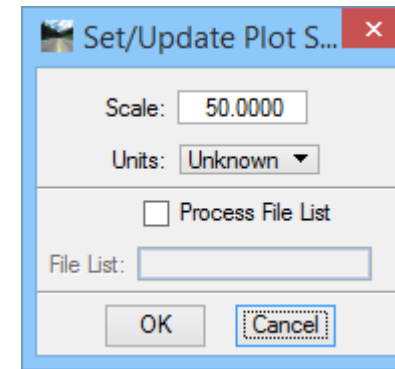- Once clicked the Geographic Coordinate System dialog opens.
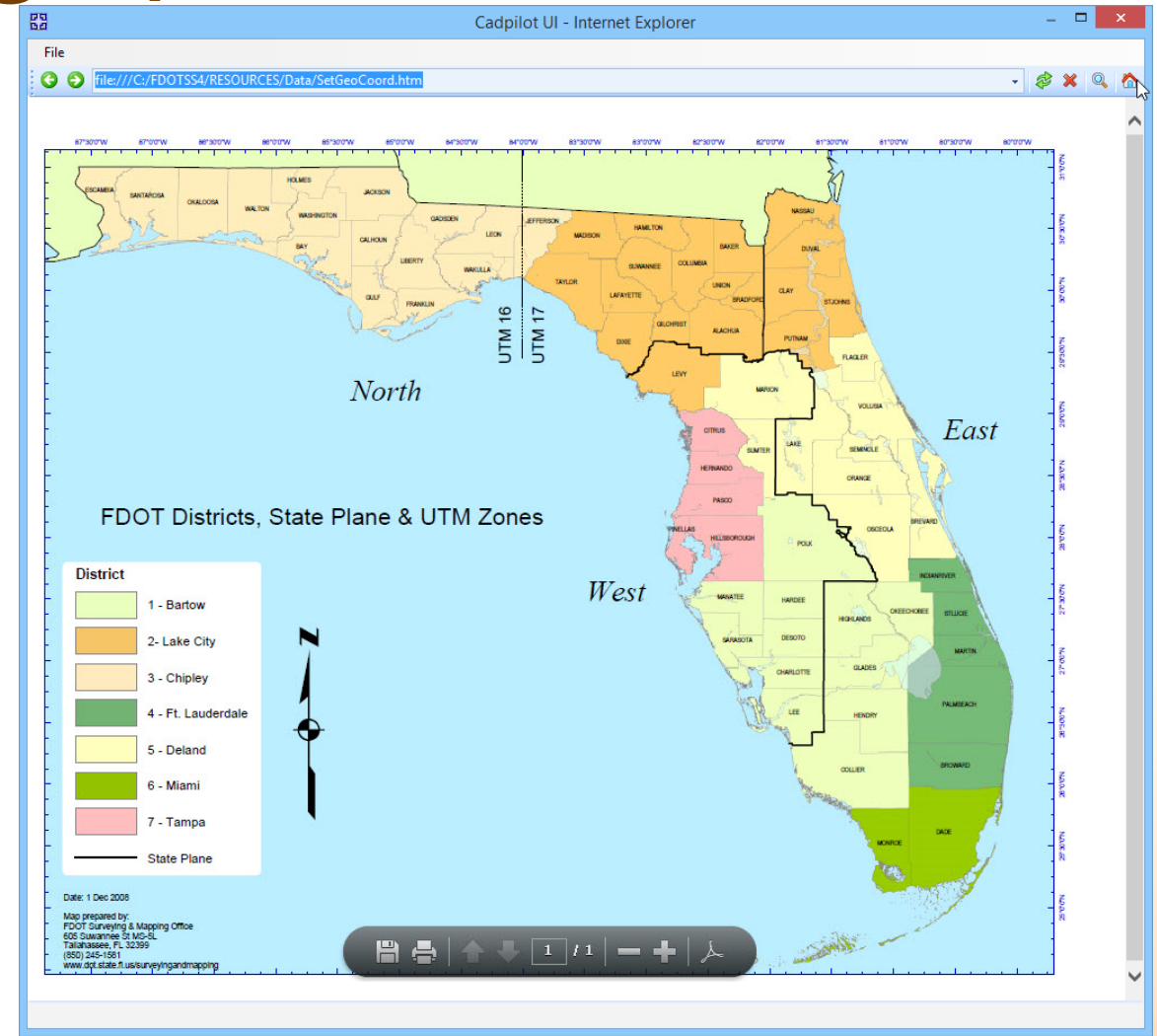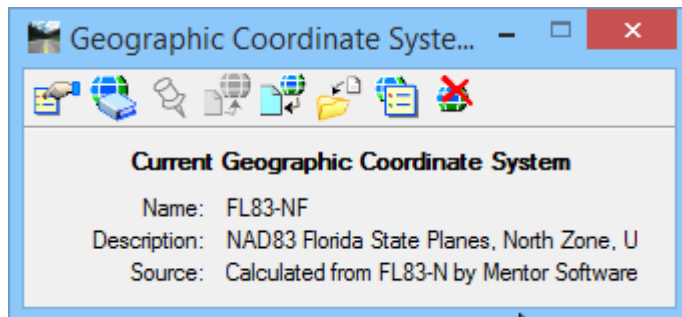
Actions Menu – Set Plot Scale of File

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.

Set/Update Plot S...

Scale: 50.0000

Units: Unknown ▼

☐ Process File List

File List: [   ]

OK   Cancel

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]

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Actions Menu – Turn Level Filters On/Off

Turn Level Filters On

Turn Level Filters Off

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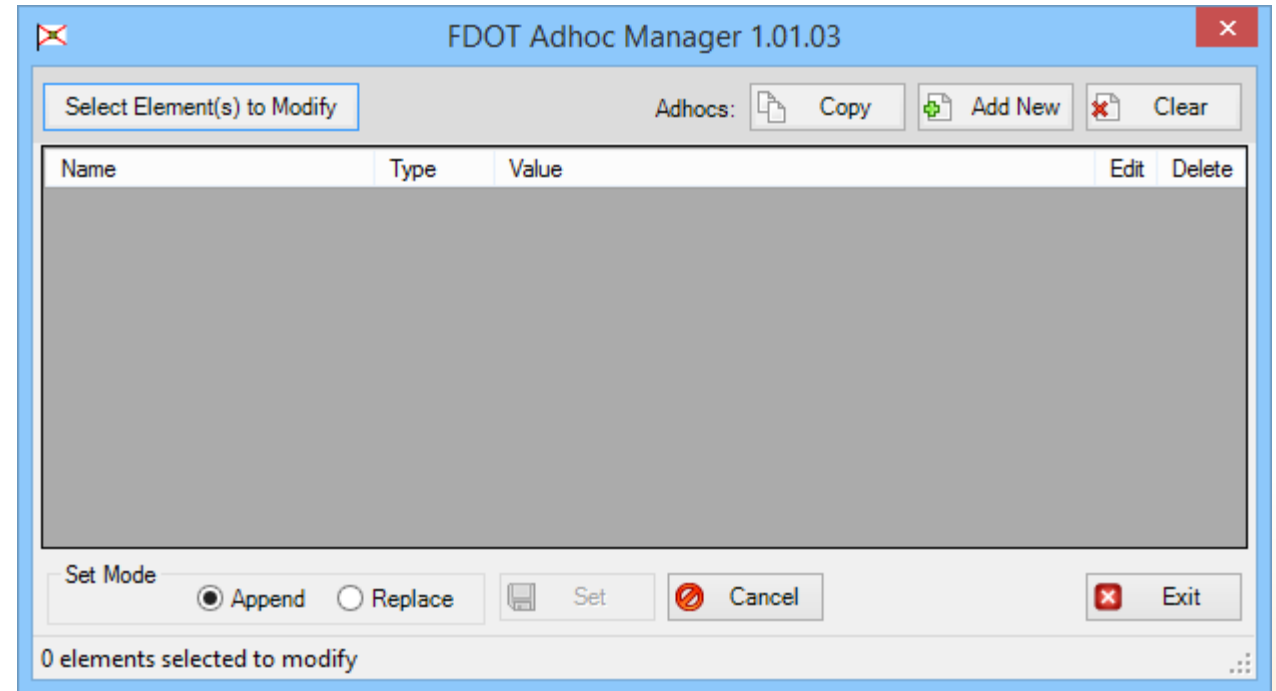 - Like changing the FDOT Workspace, this will activate a vba that will close the current file and reopen it.
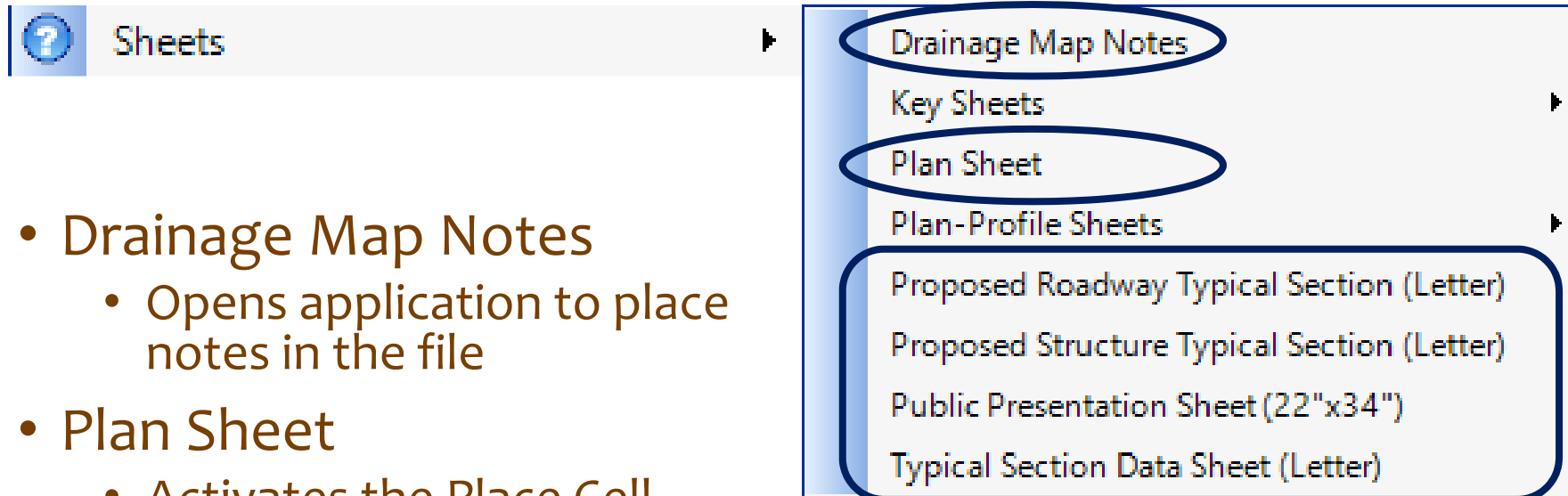
Actions Menu – Adhoc Manager

- 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

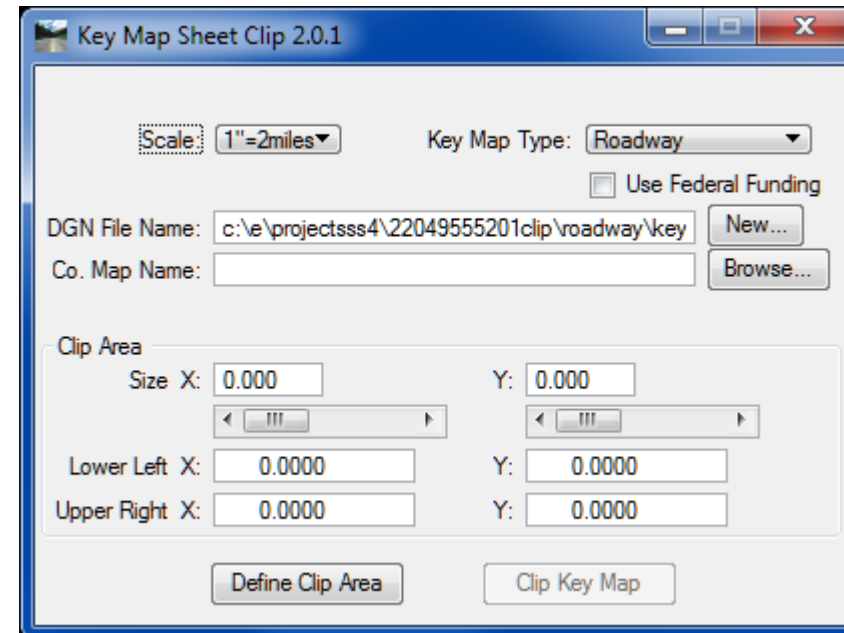| |
|---|
| Key Sheets with Map |
| ITS Keysheet w/o Map |
| ITS Keysheet (w/FA) w/o Map |
| Lighting Keysheet w/o Map |
| Lighting Keysheet (w/FA) w/o Map |
| Signalization Keysheet w/o Map |
| Signalization Keysheet (w/FA) w/o Map |
| Signing _Pav't Marking Keysheet w/o Map |
| Signing _Pav't Marking Keysheet (w/FA) w/o Map |

- 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.

Key Map Sheet Clip 2.0.1

Scale: 1"=2miles ▼   Key Map Type: Roadway ▼

☐ Use Federal Funding

DGN File Name: c:\e\projectsss4\22049555201clip\roadway\key   New...

Co. Map Name: _____   Browse...

Clip Area
Size X: 0.000   Y: 0.000

Lower Left X: 0.0000   Y: 0.0000
Upper Right X: 0.0000   Y: 0.0000

Define Clip Area   Clip Key Map

- Options w/o Map
  - Places the selected Key Sheet cell in the file at location 10000, 10000 at a scale of 5280.

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Actions Menu – Sheets

Label Profiles

Plan-Profile Sheet (Standard)

Plan-Profile Sheet (Optional)
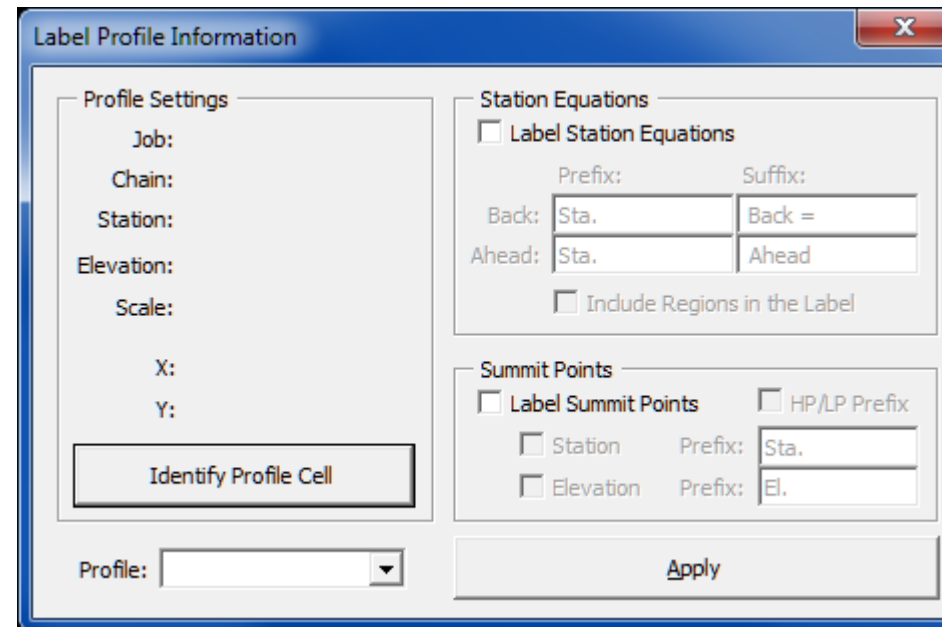
Profile Sheet (Standard)

Profile Sheet (Optional)

Dual Profile Sheet

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

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

Label Profile Information

Profile Settings

Job:

Chain:

Station:

Elevation:

Scale:

X:

Y:

Identify Profile Cell

Profile:

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.

Apply

Actions Menu – Sheet Navigator (Label Sheets)

Sheet Navigator (Label Sheets)

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

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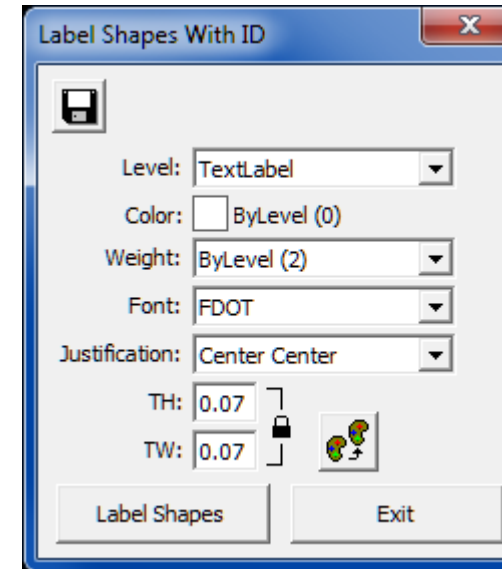1915 ★ 2015

Actions Menu – RfClip (Sheet Clipping)

- Opens the old FDOT Reference File Clip program
  - This will eventually be retired…
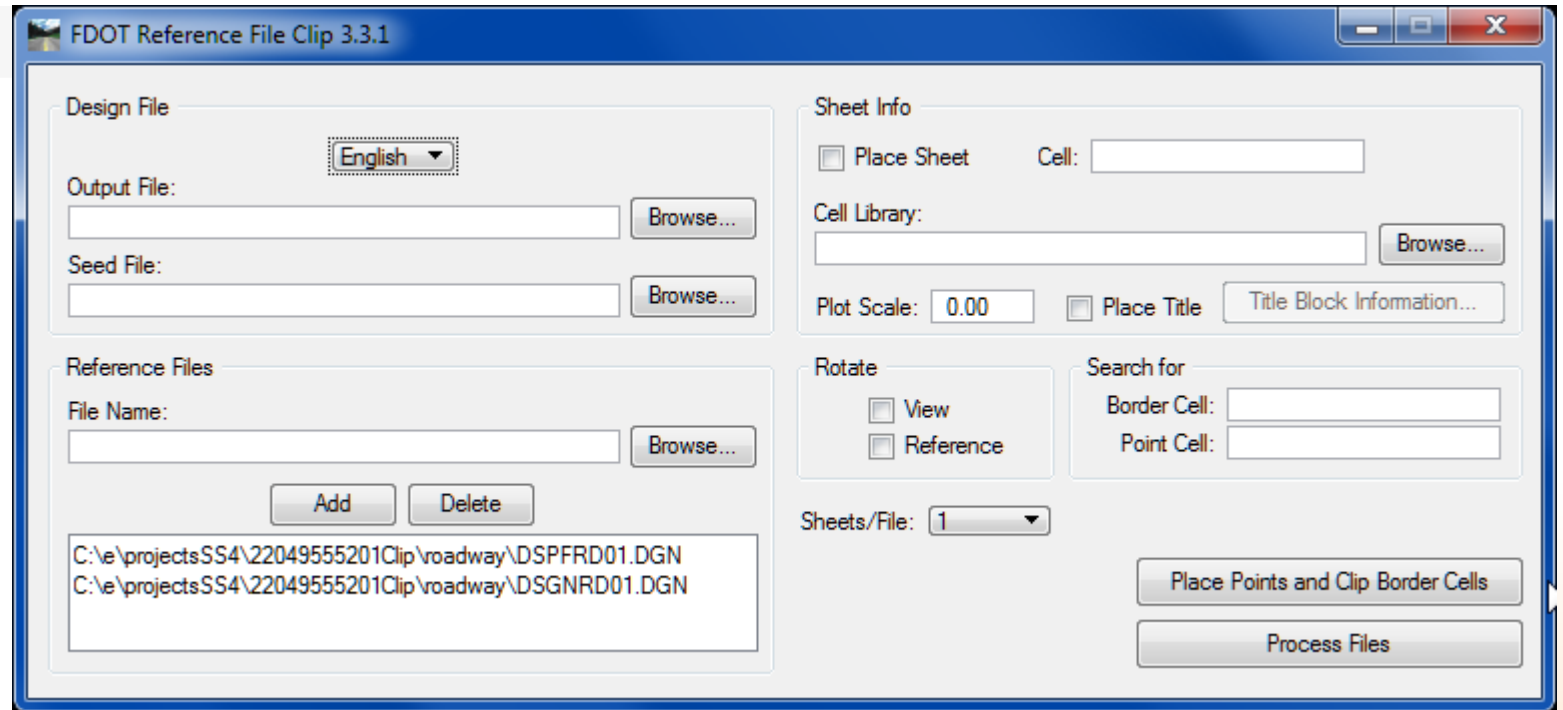
# Actions Menu – Label Shapes with ID

Label Shapes with ID

- Opens the Label Shapes With ID VBA
  - Application used to automate the quantity shape labels in the QTDSRD file
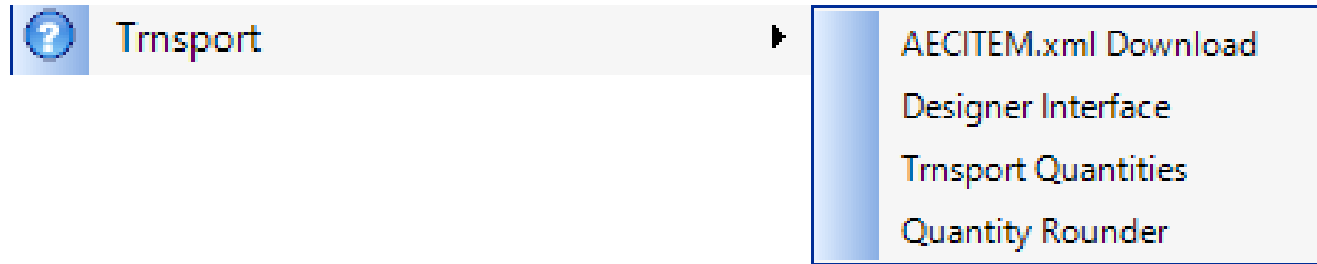
Actions Menu – Linked Data Manager

Linked Data Manager

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

FDOT Linked Data Manager 1.01.10

ID	Source Path	Description	Type	Update	Locked

C:\e\projectsSS4\22049555201Clip
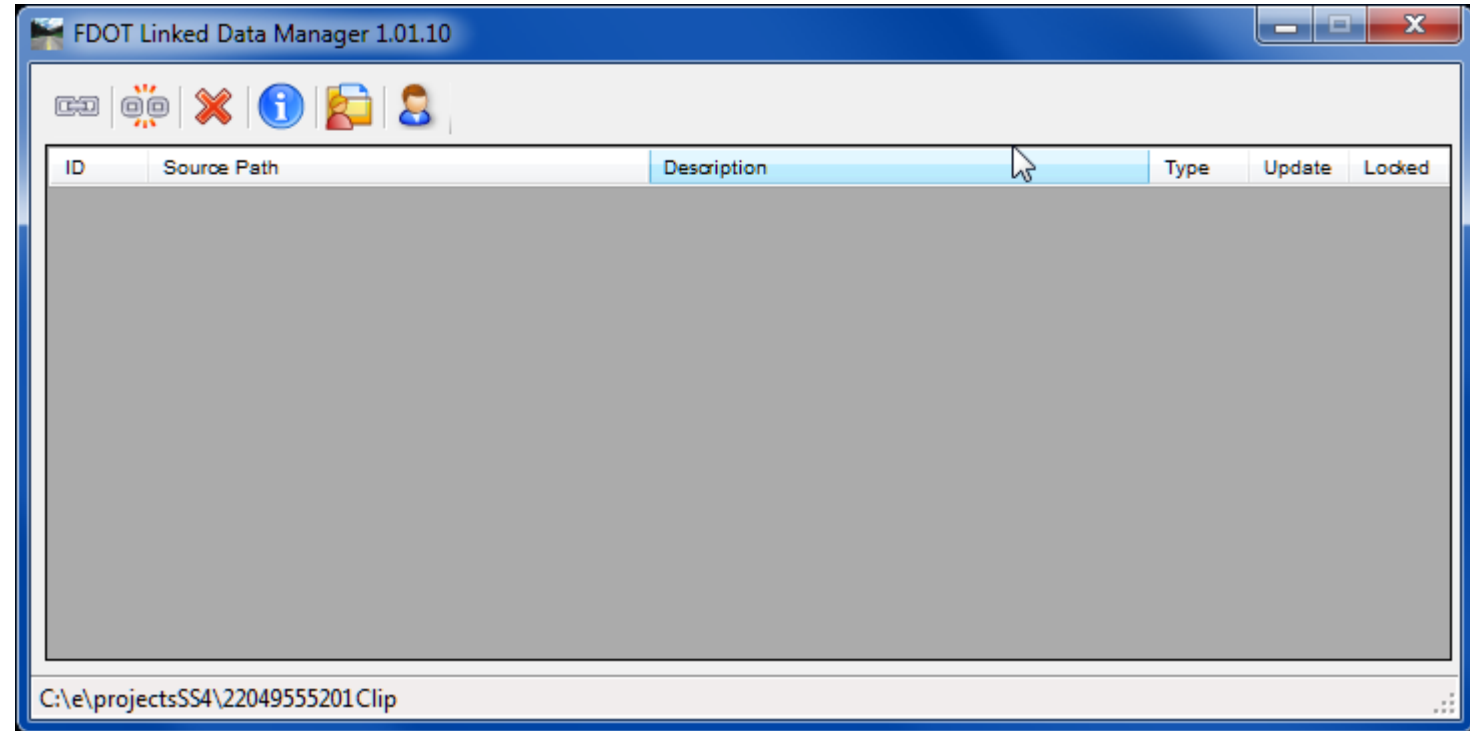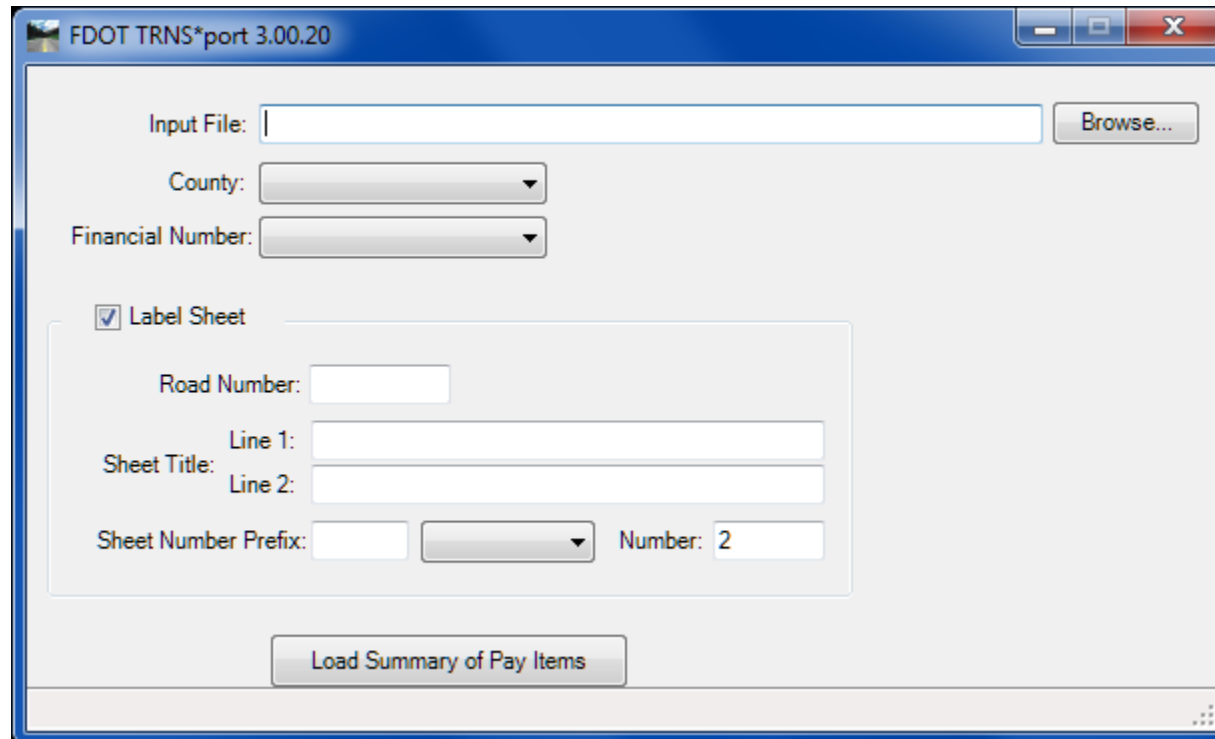
Actions Menu – Trnsport

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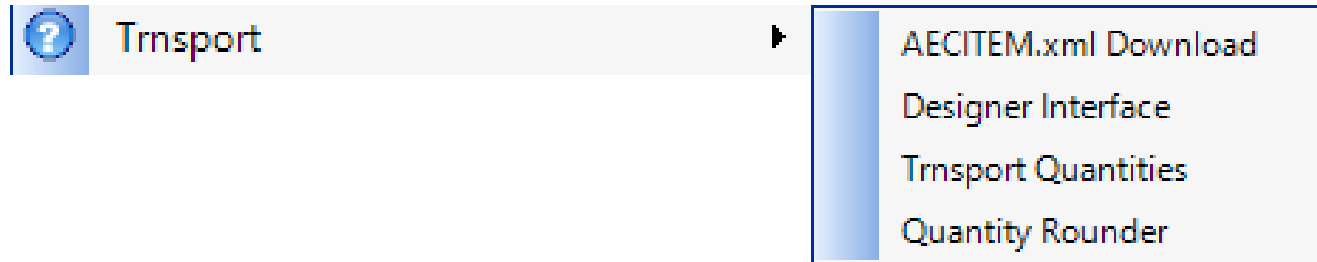
Actions Menu – Trnsport
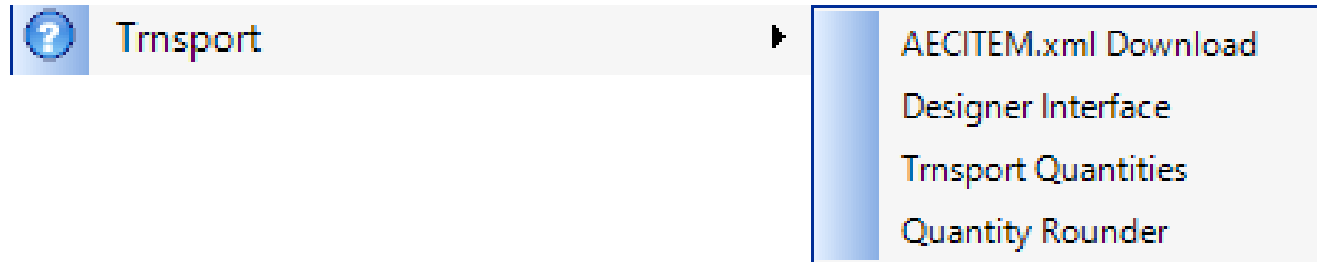
- Trnsport Quantities
  - Opens the FDOT application that creates the Summary of Quantities sheets from the xml file downloaded from the Web Trnsport Reporting page.
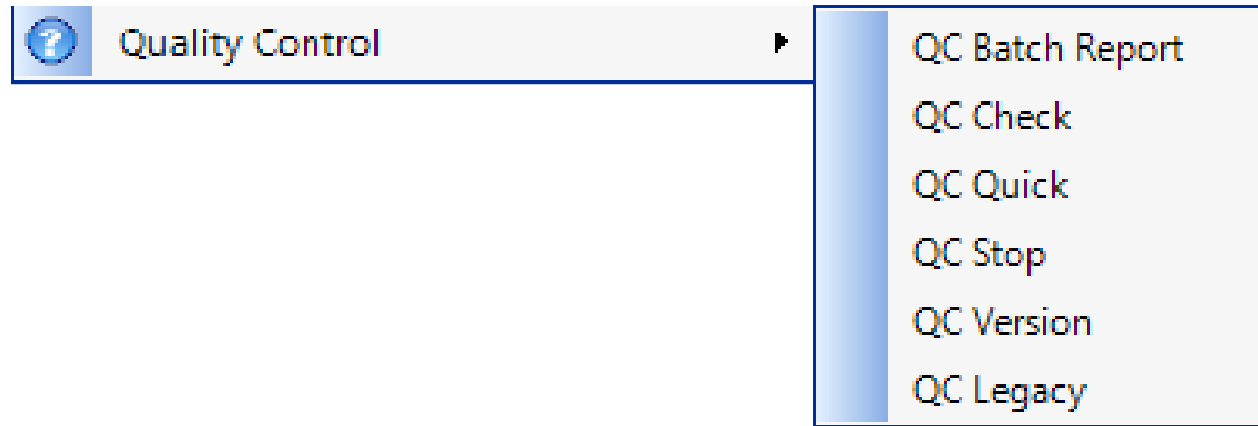
Actions Menu – Trnsport

- 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
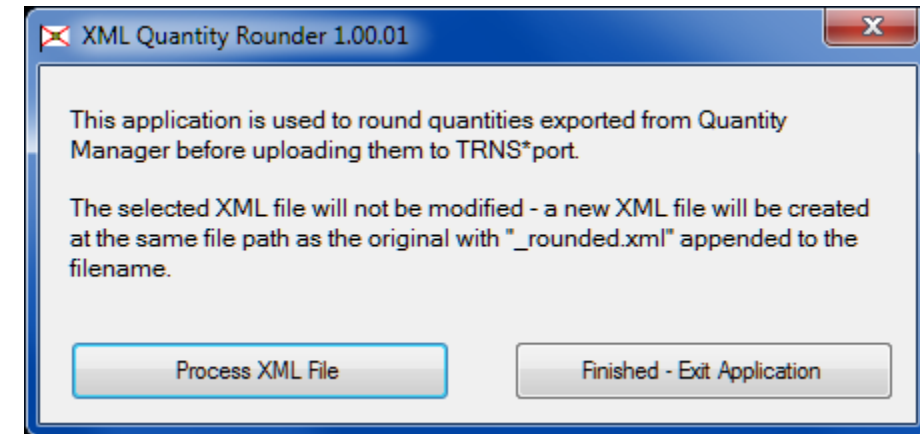
Actions Menu – Quality Control

- 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

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