

Printing From Setup to PDF

FDOT State Kit for AutoCAD Civil 3D

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Printing From Setup to PDF

GENERAL

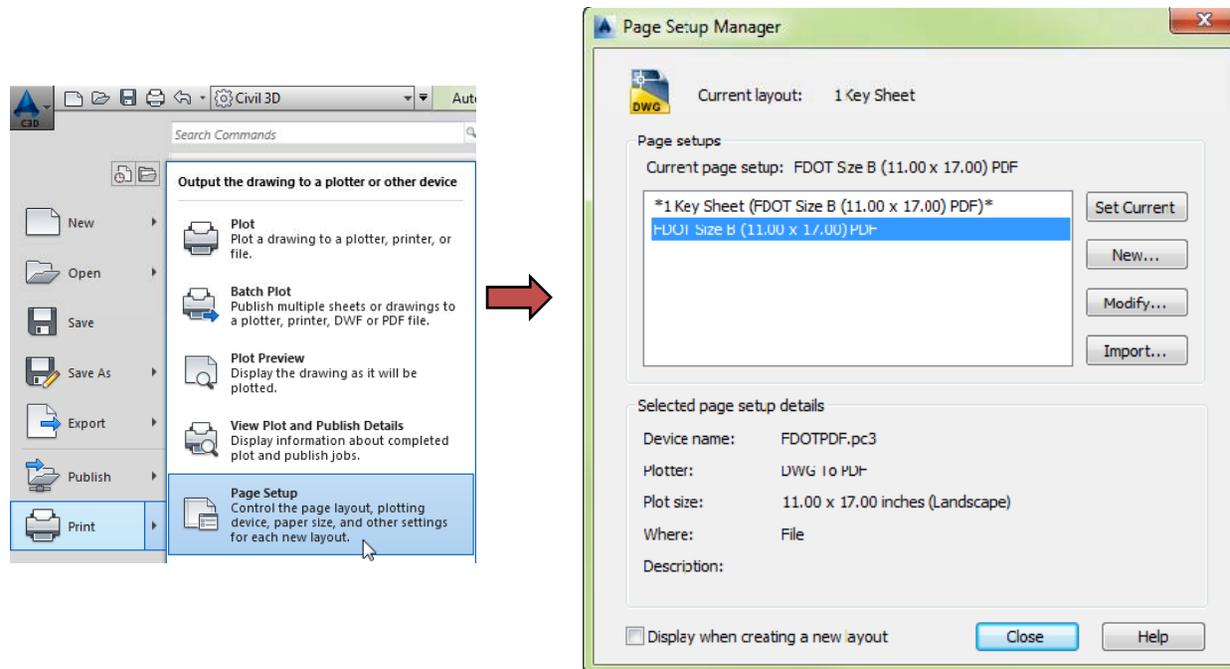
This session will demonstrate to users the options and steps needed to setup, print and generate a PDF from layout tabs and Sheet Set Manager within Civil 3D or AutoCAD.

- The workflows created for use with Florida Department of Transportation (FDOT) plans are dependent on the following:
 - **Page Setup Manager** – Use Page Setup Manager to create new Page Setups, modify or rename existing one, or import page setup names from different drawings and templates. Discuss many of the different options in the Page Setup Dialog Box and import existing Page Setup names from a FDOT Plot template file.
 - **Modifying or Creating Page Setup Names** – Take an existing Page Setup name and create a new one with different settings.
 - **Sheet Set Manager.** – Show how it can be used to organize, display, manage and Publish a set of drawings.
 - **Publish dialog box** – How to publish a drawing set to PDF and PDF formats.
 - **Plot Dialog Box Options** - Specifies device and media settings, and plots your drawings.

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Page Setup Manager

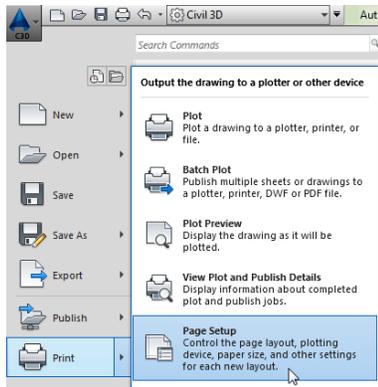
- You can use the Page Setup Manager to create new page setups, modify or rename existing ones, or import page setups from other drawings.



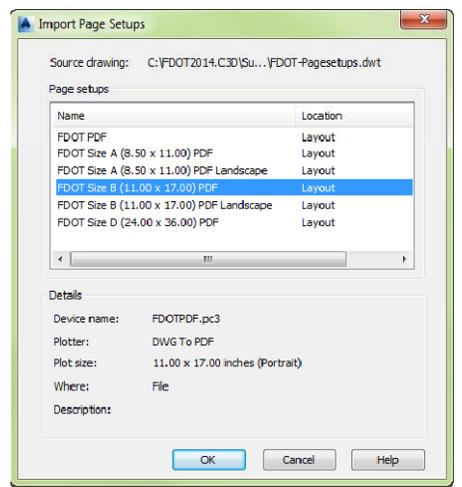
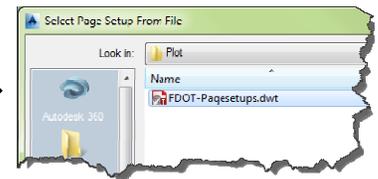
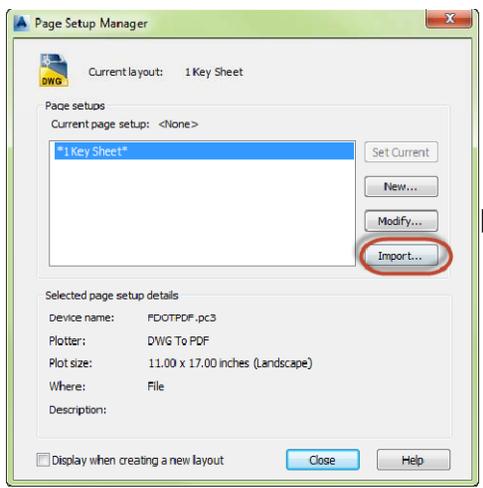
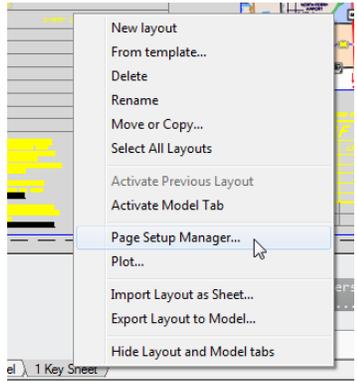
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Page Setup Manager

- Exercise: Import missing FDOT Size B (11.00 17.00) pdf page setup name from template.
1. Access page setup by either selecting the Civil 3D pull down menu  the top left corner or right click on the layout tab name and selecting "Page Setup Manager".
 2. On the "Page Setup Manager" dialog box select the "Import" button.
 3. Next browse to your FDOT20##.C3D install directory and browse down to : \FDOT20##.C3D\Support\Plot and select FDOT-Pagesetup.dwt.
 4. Select FDOT Size B (11.00 x 17.00) PDF from the list and select "OK".



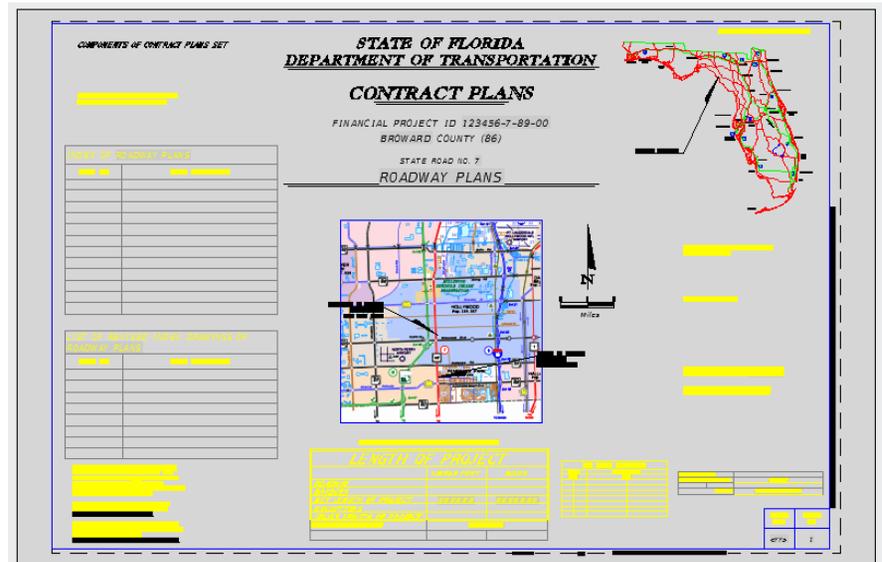
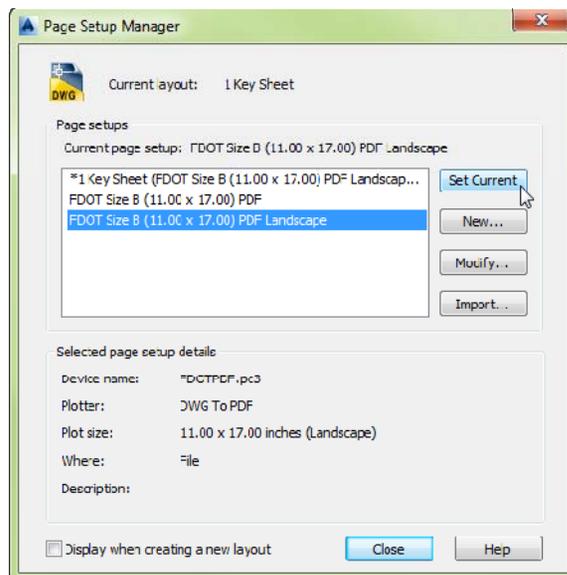
or



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Page Setup Manager

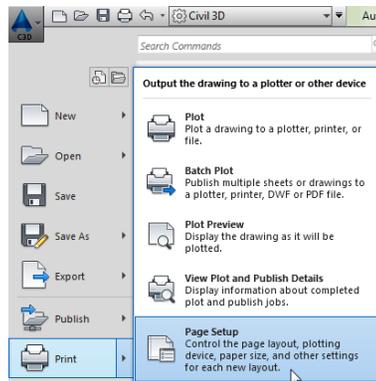
5. Select Page Set up name from the list and click “Set Current” to apply it to the current layout tab.
6. Click close to exit out of the dialog box. Your current layout out tab will update to reflect you new applied Page Set up Name.



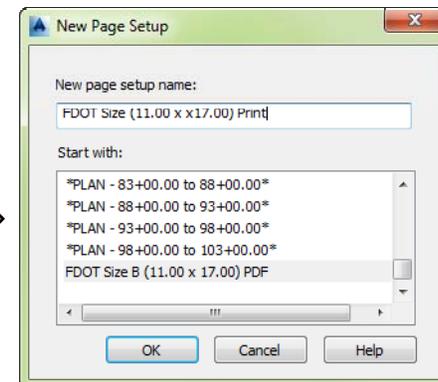
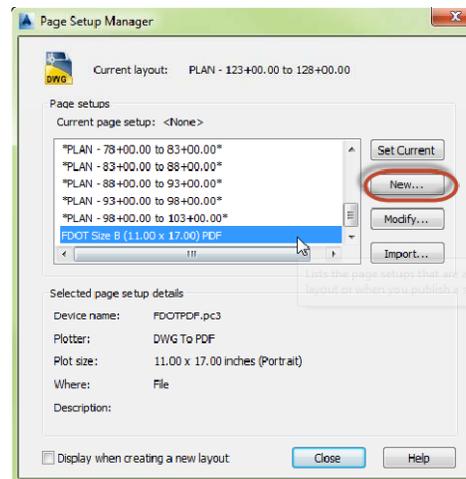
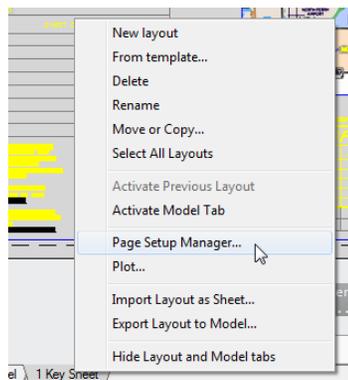
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Modifying or Creating Page Setups Names

- *Exercise: Take an existing Page Setup name and create a new one to send to a printer.*
1. Access page setup by either selecting the Civil 3D pull down menu at the top right corner or right click on the layout tab name in and “Page Setup Manager”.
 2. In the Page Setup box select “New...” and type in a New name. Example (FDOT Size (11.00 x 17.00) Print). Click “OK” when finished.



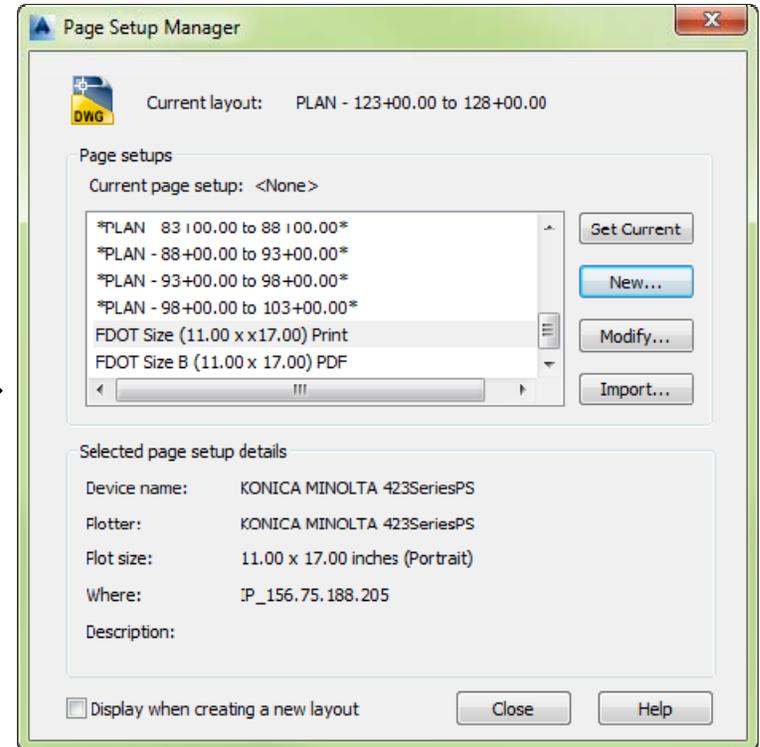
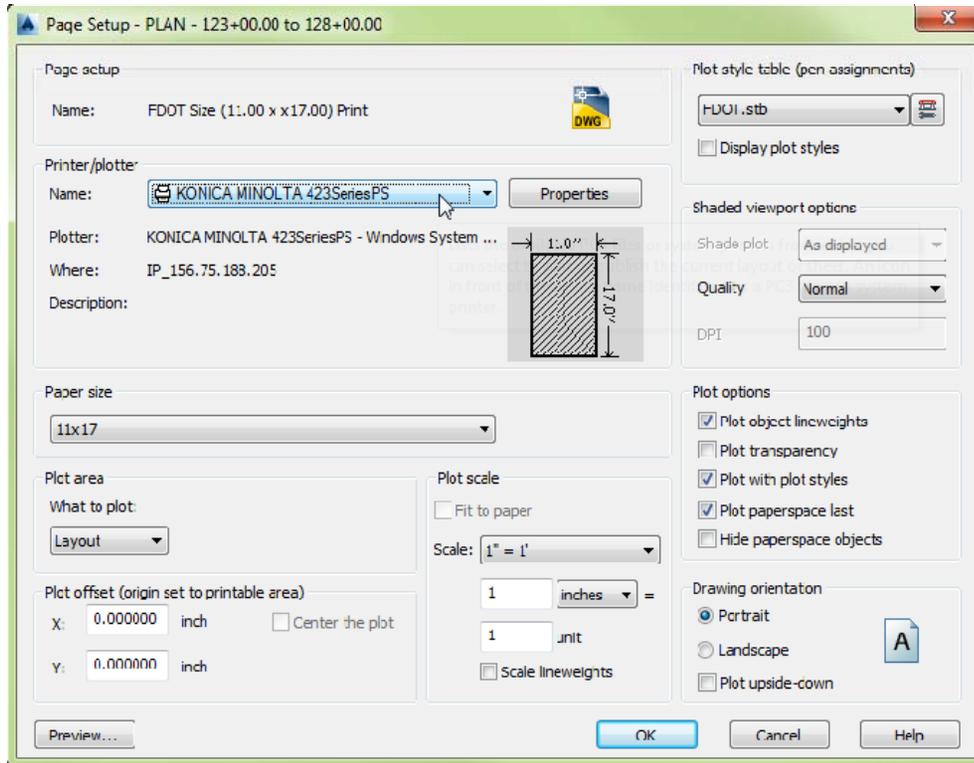
or



Printing From Setup to PDF

Modifying or Creating Page Setups Names

3. Under the Printer/Plotter category next to name, click on the down arrow and choose a local or network printer available to you.
4. Confirm your Paper size, Plot area, Plot offset, Plot style table and Drawing orientations are set to your desired output. Click "OK"
5. Confirm that your new Page Setup name is in the list. Click "Close".
6. OPTIONAL – If the newly created Page Setup name will be use on a regular basis, it may be a good idea to create your own template to store your Page Setups in for future use.

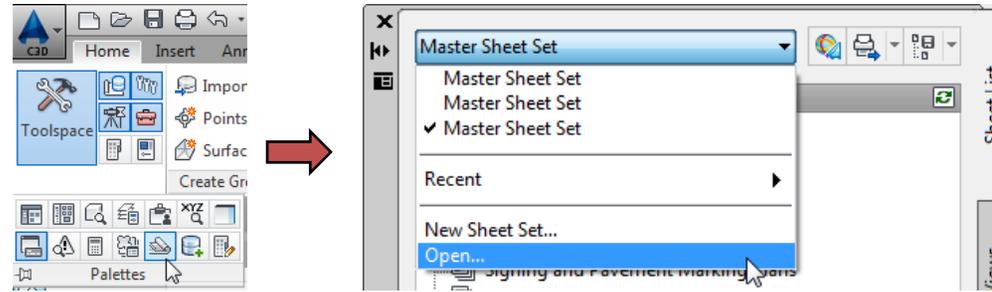


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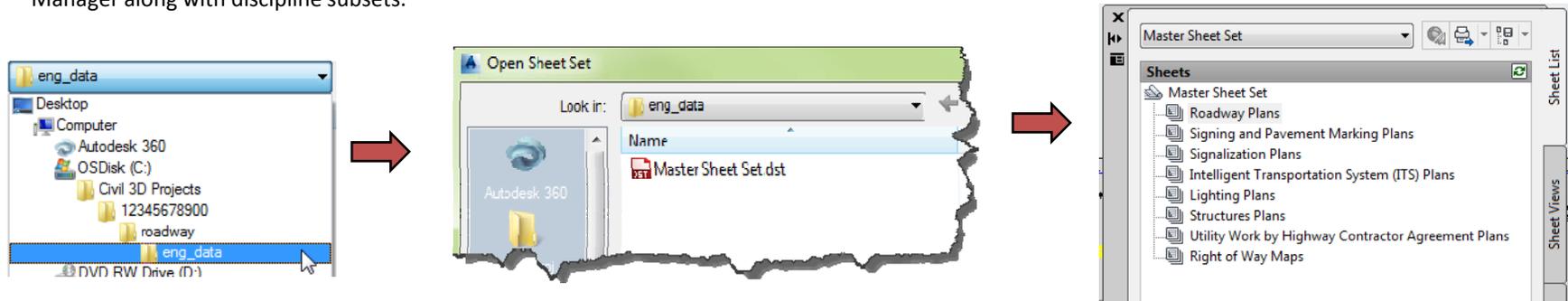
Sheet Set Manager

The Sheet Set Manager can be used to organize, display and manage a set of drawings. It can also be used to batch plot an entire set of drawings. Each *sheet* in a set is a layout in a drawing (DWG) file. We are going to add existing drawing to the Sheet Set file, rename and renumber the set then Publish an entire set to a PDF file.

- *Exercise: Open an Sheet Set Manager file (dst) and add drawings to the existing sheet set.*
1. Access Sheet set Manager by clicking the Sheet Set Manager icon on the Home ribbon → Palettes Tab.
 2. Open the Sheet Set Manager and select the drop-down arrow to pick the “Open...” option.



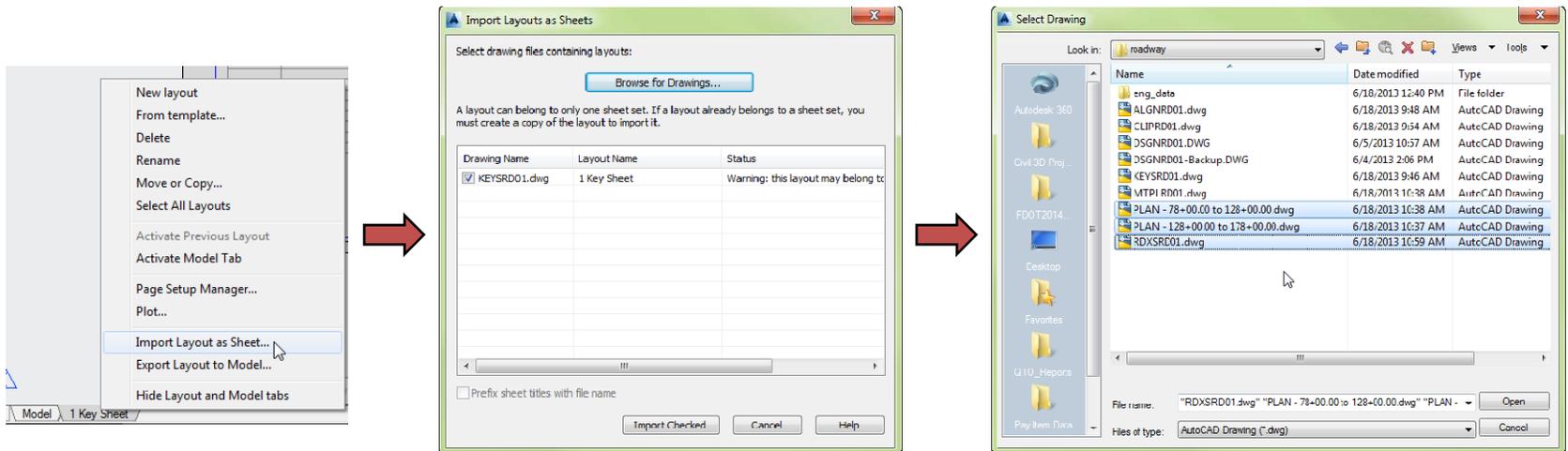
3. Browse to your Project file storage location. Select the desired discipline folder and click on the eng_data folder. Inside that folder you will find a .dst file (this file is created using the create New Sheet Set procedure). Select it and click “Open”. Your Sheet Set list will now show in the Sheet Set Manager along with discipline subsets.



Printing From Setup to PDF

Sheet Set Manager

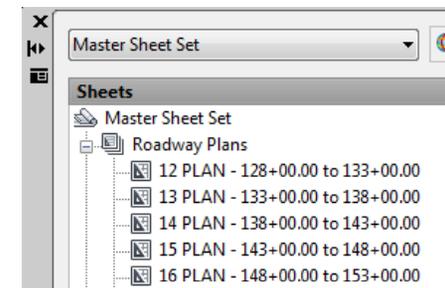
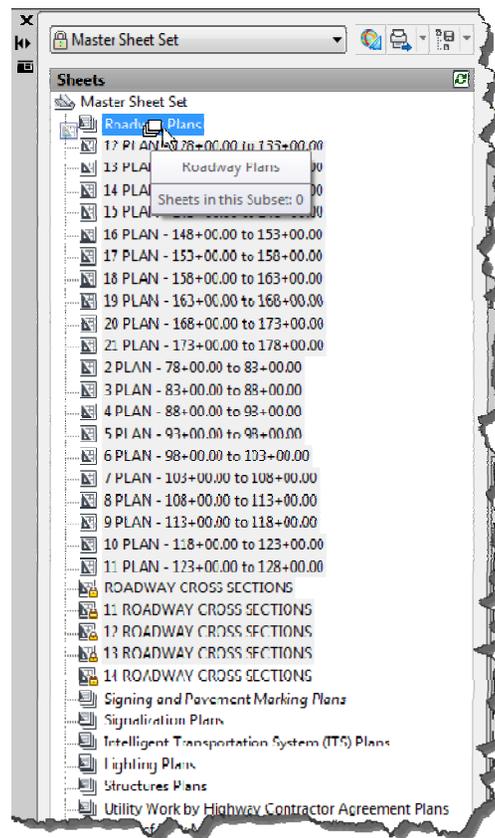
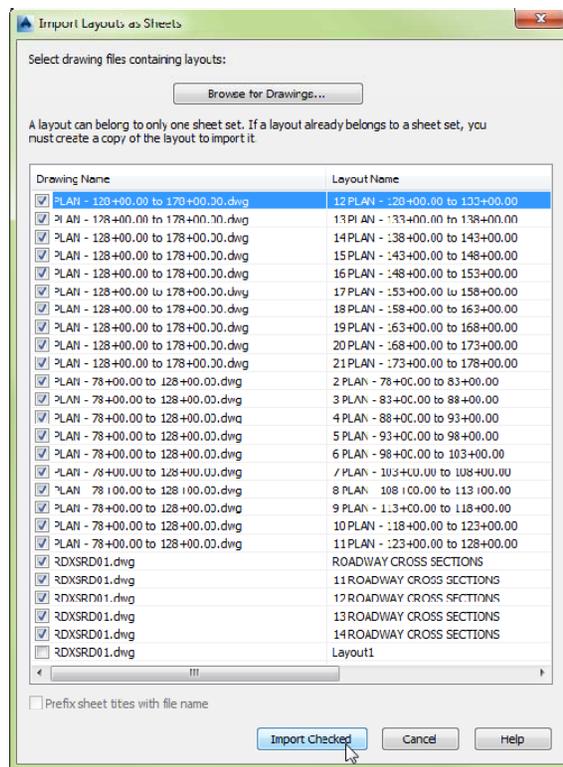
4. Next open your existing drawing with the Layouts that you wish to import.
5. Right click on the desired layout tab and select "Import Layout as Sheet" option.
6. Verify that the correct drawing name with the correct Layout Name is check in the box.
7. Select the "Browse for Drawings..." option and browse to other drawings that contain Layouts that you would like to add to your Sheet Set file.



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Sheet Set Manager

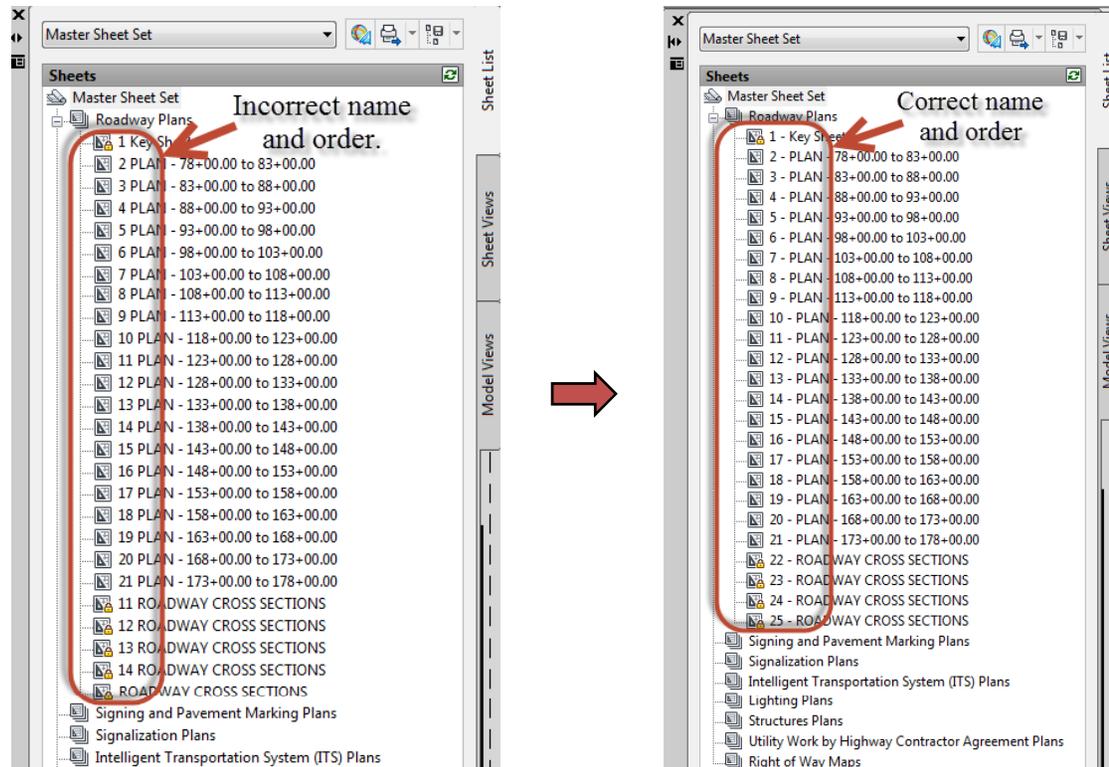
- Click the check boxes to pick all the desired Layout Names that you wish to add. Click "Import Checked" when finished.
- Hold down the Control Key and highlight the new inserted Sheets and drag them to the correct sheet subset.
- You may have to click and drag individual sheets to place them in the desired order.



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Sheet Set Manager

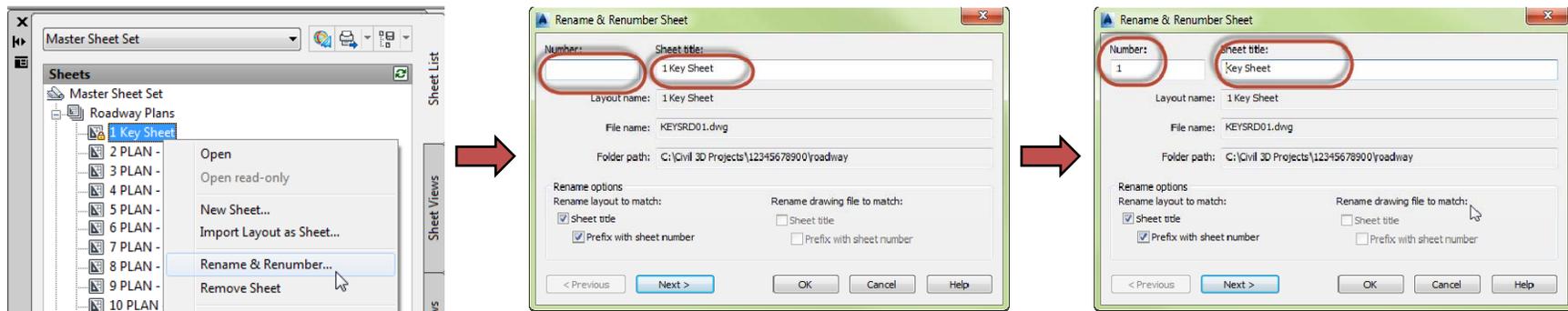
Once Sheets are Place in a Sheet Set file it may be necessary to rename or renumber the files to correspond the correct order of Plans or Index.



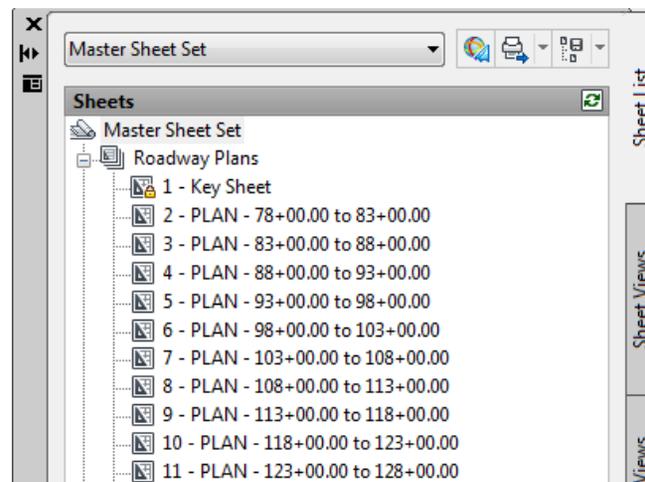
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Sheet Set Manager

- *Exercise: Rename and Renumber sheets in a Sheet Set file.*
1. To rename and renumber the sheets to reflect the correct order, right click on the sheet name and select “Rename & Renumber...”.
 2. Edit the Number and Sheet Title field to reflect the correct data.



3. Click “Next>” to proceed to the next Sheet in the list. Continue to edit the entire Sheet Set.
4. When you have reached the end, click “OK” to complete the process.
5. Your sheet set will automatically update reflect your changes.



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Publish Dialog Box

Use the Publish Dialog box for more options when plotting or publishing a large set of drawings. You can publish the drawing set to a DWF, DWFx or PDF file or send it to a plotter named in the page setup for hardcopy output. You can save this list of drawings sheets as a DSD (Drawing Set Description) file republishing at a later date.

Open or save a sheet set list. (Points to the Open and Save icons in the Sheet List section)

Specify options for publishing. Location, type, password ect... (Points to the Publish Options Information section)

Displays the current drawing set (DSD) or batch plot (BP3) file. (Points to the Sheet List dropdown menu)

Defines how to publish the list of sheets. You can publish to either a multi-sheet DWF, DWFx, or PDF file or to the plotter specified in the page setup name. (Points to the Publish to dropdown menu)

List of Sheets Buttons. (Points to the icons for adding, deleting, moving up, moving down, and previewing sheets)

Allows you to add sheets from another drawings. (Points to the Add icon)

Deletes selected drawings from the list. (Points to the Delete icon)

Moves sheets up one position in the list. (Points to the Move Up icon)

Moves sheets down one position in the list. (Points to the Move Down icon)

Preview the drawing as it will appear when plotted. (Points to the Preview icon)

Number of copies to produce. (Points to the Number of copies spinner)

Options for plot stamp and placement. (Points to the Include plot stamp checkbox)

Drawings will publish while you continue to work. (Points to the Publish in background checkbox)

Viewer will open after publish job is complete. (Points to the Open in viewer when done checkbox)

Table of Sheet List:

Sheet Name	3D DWF	Page Setup	Status
1 Key Sheet		<Default: None>	✓ No err
1 Section Sheet-01-		<Default: None>	✓ No err
2 Section Sheet-02-		<Default: None>	✓ No err
3 Section Sheet-03-		<Default: None>	✓ No err
4 Section Sheet-04-		<Default: None>	✓ No err
5 Section Sheet-05-		<Default: None>	✓ No err
6 Section Sheet-06-		<Default: None>	✓ No err
7 Section Sheet-07-		<Default: None>	✓ No err
8 Section Sheet-08-		<Default: None>	✓ No err
1 PLAN - 78+00.00 to 83+00.00		<Default: None>	✓ No err
2 PLAN - 83+00.00 to 88+00.00		<Default: None>	✓ No err

Selected Sheet Details:

- Source drawing: KEYSRD01.dwg
- Drawing location: C:\Civil 3D Projects\12345678900\...
- Layout name: 1 Key Sheet
- Plot device: DWG To PDF
- Plot size: 11.00 x 17.00 inches (Landscape)
- Plot scale: 1:1
- Page setup detail: Publish using output device specific...

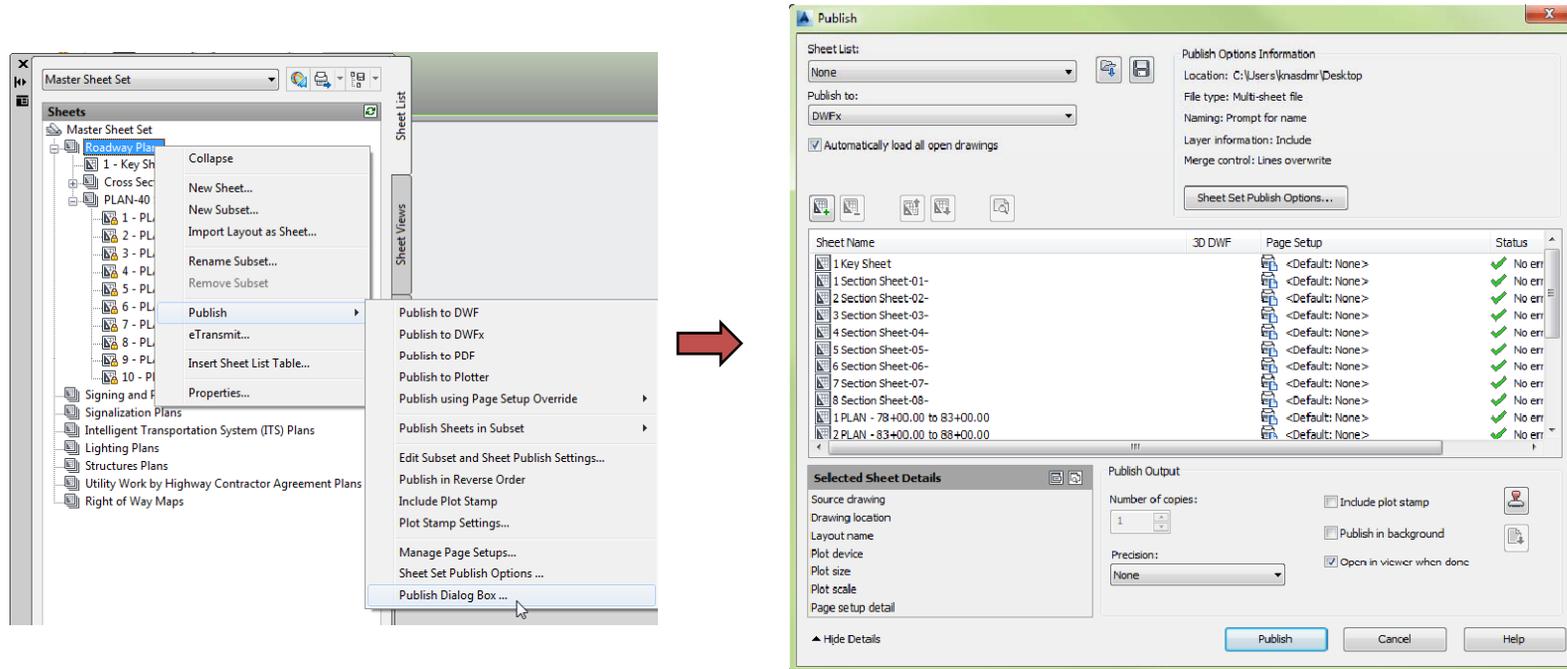
Publish Output:

- Number of copies: 1
- Precision: None
- Include plot stamp:
- Publish in background:
- Open in viewer when done:

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Publish Dialog Box

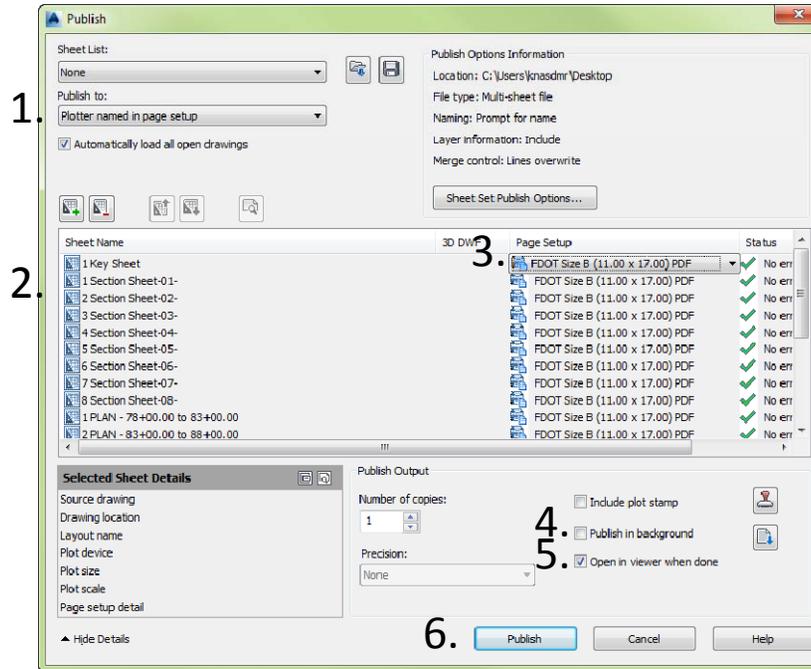
- *Exercise: Access the Publish Dialog Box through the Sheet Set Manager.*
1. Launch the Sheet Set Manager and open an existing Sheet Set file (.dst). Once the file is open, right click the desired subset you wish to publish
 2. Move your mouse over to the “Publish” fly out then over to the “Publish Dialog Box...” option.



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Publish Dialog Box

- *Exercise: Specify settings to publish an FDOT Page Setup named Sheet list.*
1. In the Publish dialog box, click on the “Publish to:” drop down list and select “Plotter named in page setup”.
 2. Select the top sheet in the Sheet Name list box, hold down the “Shift” key and scroll down the list to select all of the Sheets in the list.
 3. With all of the sheets highlighted, click on the pull down menu on the Page Setup column and select FDOT Size B (11.00 X 17.00) PDF. If the desired FDOT page setup in not in the list, choose the “Import...” option and browse to the State kit install directory (FDOT 20##.C3D\Support\Plot) and choose FDOT-Pagesetup.dwt. This will import the page setup names in the template into the Publish dialog box.
 4. OPTIONAL – For faster publishing you may want to turn off “Publish in background” option.
 5. Confirm that “Open in viewer when done” is selected. This will ensure that a viewer will launch to review your processed files.
 6. Select “Publish” to process your drawings.



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4 Section Sheet-04-		<Default: None>	✓ No err
5 Section Sheet-05-		<Default: None>	✓ No err
6 Section Sheet-06-		<Default: None>	✓ No err
7 Section Sheet-07-		<Default: None>	✓ No err
8 Section Sheet-08-		<Default: None>	✓ No err
1 PLAN - 78+00.00 to 83+00.00		<Default: None>	✓ No err
2 PLAN - 83+00.00 to 88+00.00		<Default: None>	✓ No err

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