FDOTConnect for
OpenBridge Modeler



# Place Rebar Table Workflow

# White Paper

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*State of Florida*

*Department of Transportation*

# FDOTConnect

*for*

# OpenBridge Modeler

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**White Paper**

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PRODUCTION SUPPORT / CADD OFFICE

TALLAHASSEE, FLORIDA

*http://www.fdot.gov/cadd*

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# 1 PLACE REBAR TABLE WORKFLOW

## 1.1 Overview

The FDOT Rebar Tool underwent a full refresh with the first release of FDOTConnect. Since then, further enhancements have been made to the tool including the way the rebar table is placed in the plans. This guide will walk you through how to utilize this new placement method. For full instructions on how to use the FDOT Rebar Tool, refer to the training video HERE. For continuity, this guide uses the same rebar table example as the one shown in the video.

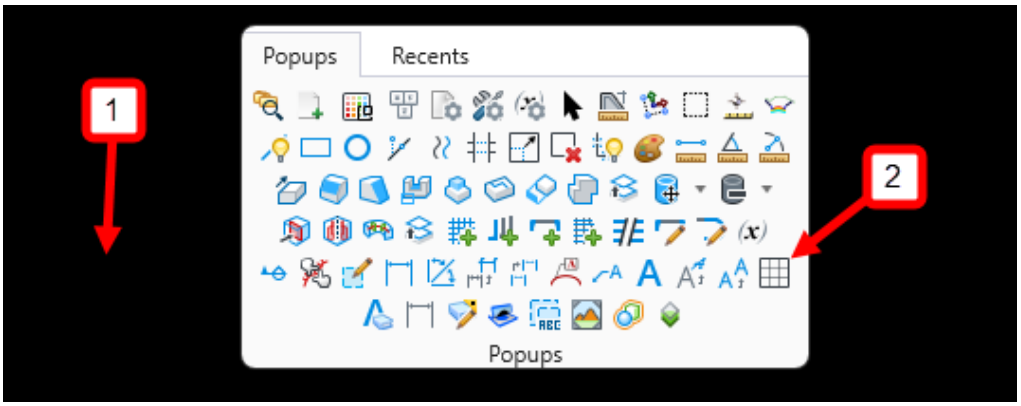
## 1.2 Objectives

This workflow guide covers the steps to place the excel rebar table generated by the FDOT Rebar Tool.

## 1.3 Rebar Table Placement

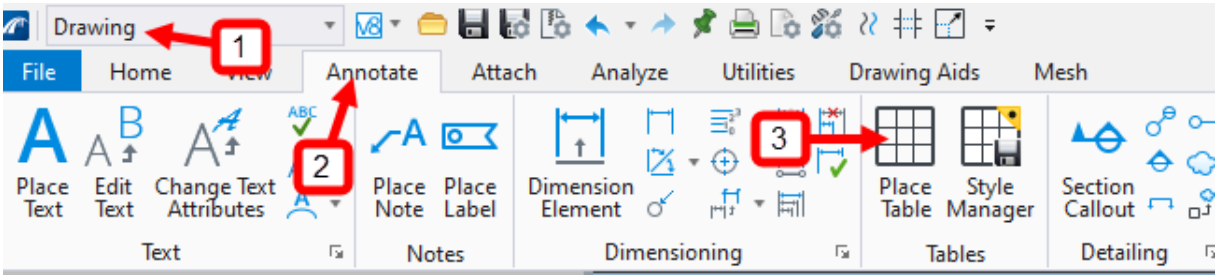
Start off by opening a dgn with a sheet model (for example, a *B#RebarList* sheet from the FDOT CreateFile tool) which you'd like to place the rebar table in and navigate to the Place Table tool. You can also place the table in a design or drawing model if desired.

1. Hit Spacebar on your keyboard to bring up the pop-up menu
2. Select the Place Table tool

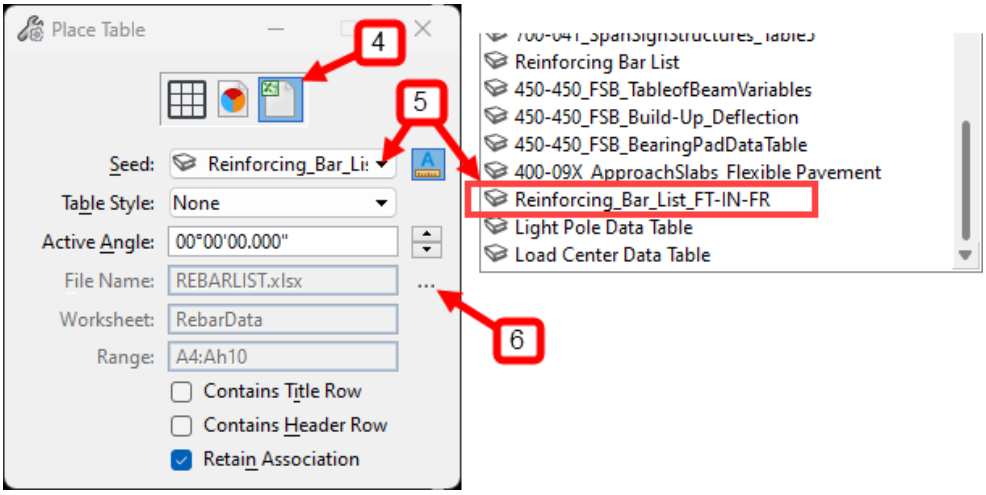



Or

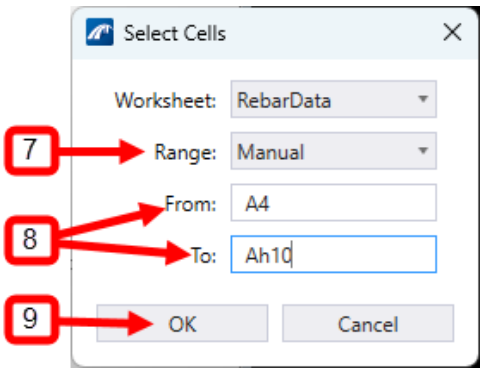
1. Navigate to the Drawing workflow
2. Annotate Tab
3. Place Table Tool

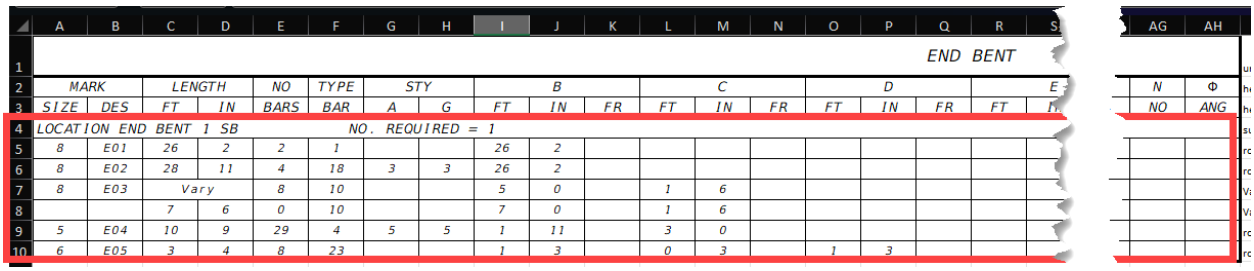



4. In the Place Table window, select From File
5. Select the Reinforcing_Bar_List_FT-IN-FR table seed
6. Click on the "…" and navigate to the excel file you wish to link. This can be a file on ProjectWise or a local file.

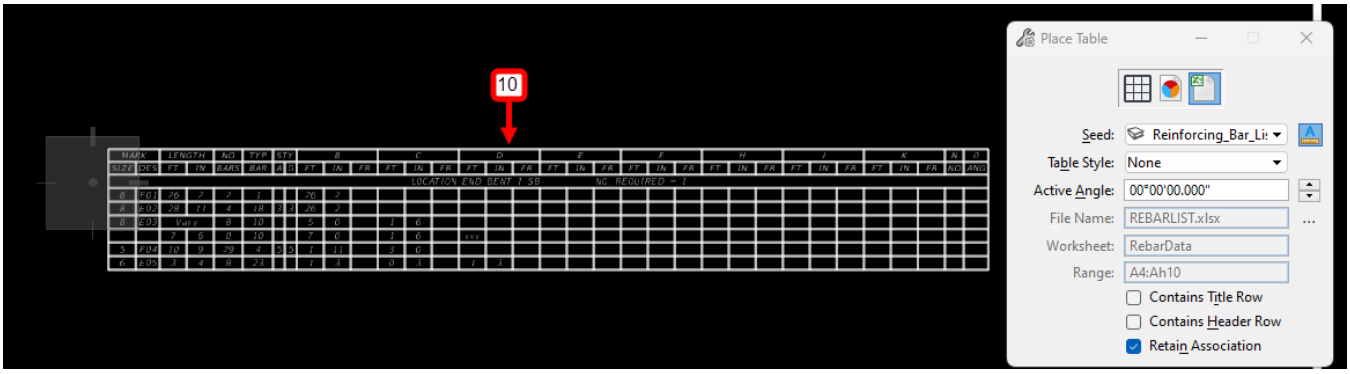



7. In the Select Cells window, confirm the Worksheet is set to Rebar Data and set the Cell Range to Manual
8. Update the cell range. Note that the first two rows of the rebar table (column headers) are controlled by table seed. Therefore, the cell range will be the body of the table, A4:AH10 in this example.
9. Click OK

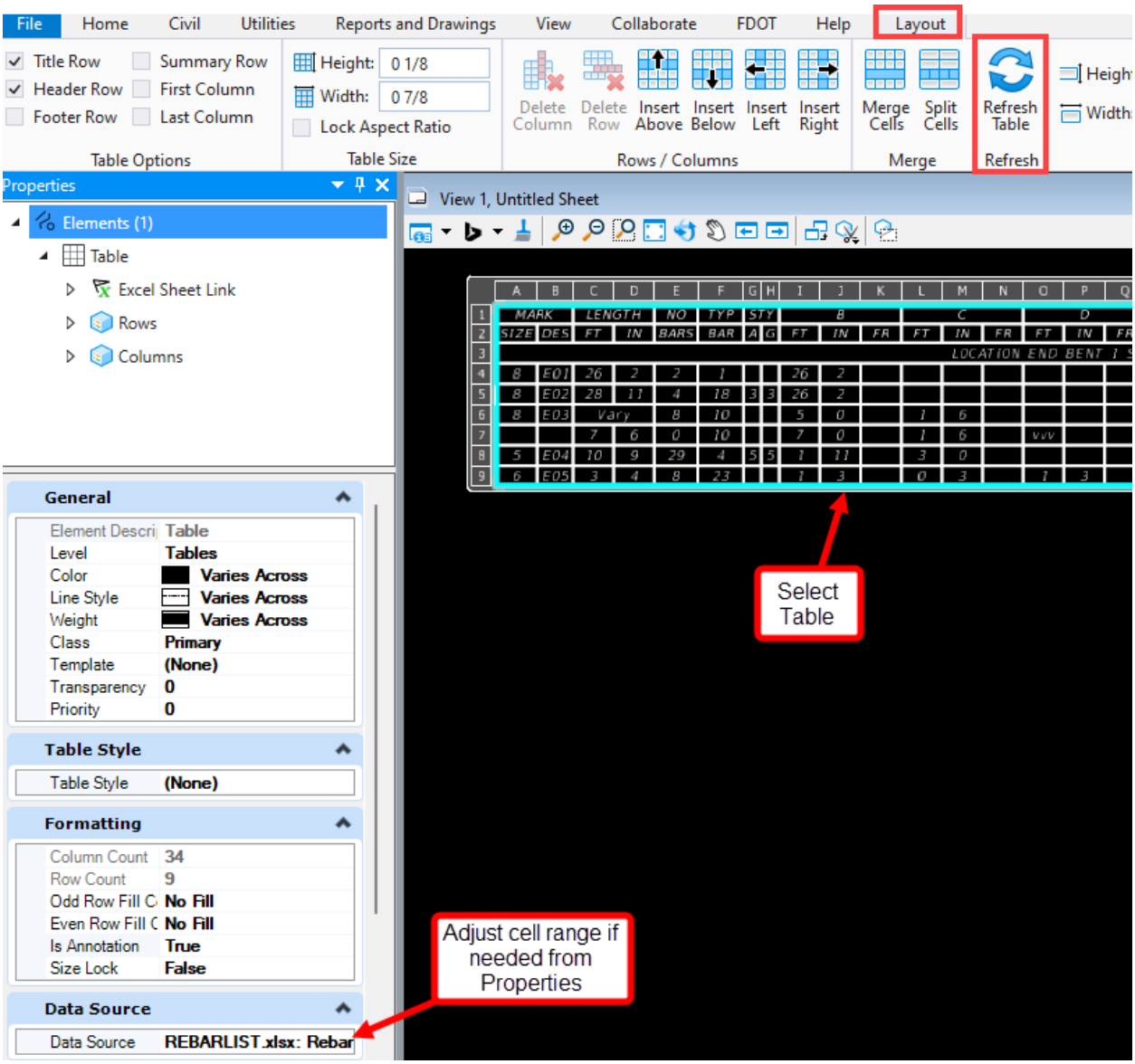


10. Wait a few seconds while the link to excel is established and left click to place the table




If you need to update the table, regenerate the report from the FDOT Rebar Chart Tool, replace the old excel file making sure the name is the same so that the link remains intact, and update the cell range if needed. Then select the table and select Refresh Table.



There are two options if a table is longer than a single sheet:

1. Break the it up into multiple tables (either in the rebar chart .xml file or manually within the output spreadsheet)
2. Add a Table Break to the MicroStation table in the dgn file. This method is detailed in the Bentley help document HERE. If using this method, the table should be placed in a design model, broken up with a table break, and the individual tables would be referenced into different sheet models.

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