



FDOTConnect for OpenRoads Designer



ASSET MANAGER Replacement Workflow

White Paper

<https://www.fdot.gov/cadd>

State of Florida

Department of Transportation

FDOTConnect

for

OpenRoads Designer

ASSET MANAGER

Replacement Workflow

White Paper

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PRODUCTION SUPPORT / CADD OFFICE

TALLAHASSEE, FLORIDA

<http://www.fdot.gov/cadd>

1 Table of Contents

1	ASSET MANAGER Replacement Workflow	2
1.1	Overview	2
1.2	Objectives	2
1.3	If you are using FDOT Version 24.0.0.0.....	2
2	Workflow	3
2.1	Step 1: FDOTProject.xlsx setup.....	3
2.2	Step 2: Importing the Alignments and FPID from FDOTProject.xlsx	3
2.3	Step 3: Adding Alignment and FPID to an element.....	5
2.4	Applying Alignment and FPID to multiple elements	7

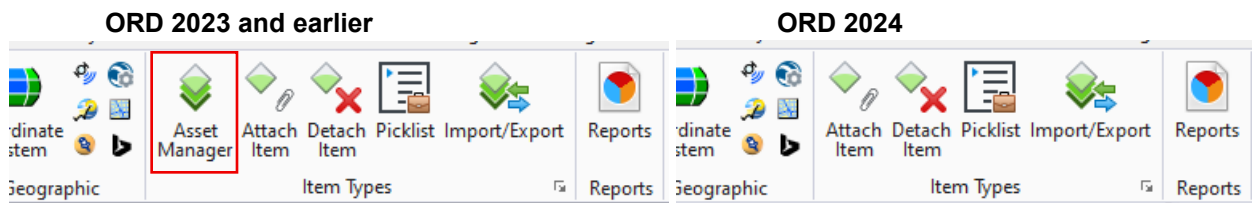
1 ASSET MANAGER REPLACEMENT WORKFLOW

1.1 Overview

In previous versions of OpenRoads Designer (ORD) prior to 2024, the Asset Manager tool was available as a technology preview. With the release of OpenRoads Designer 2024, Bentley removed the Asset Manager tool. This tool had been used to apply alignment and FPID item types as part of the FDOTConnect Automated Quantities workflow.

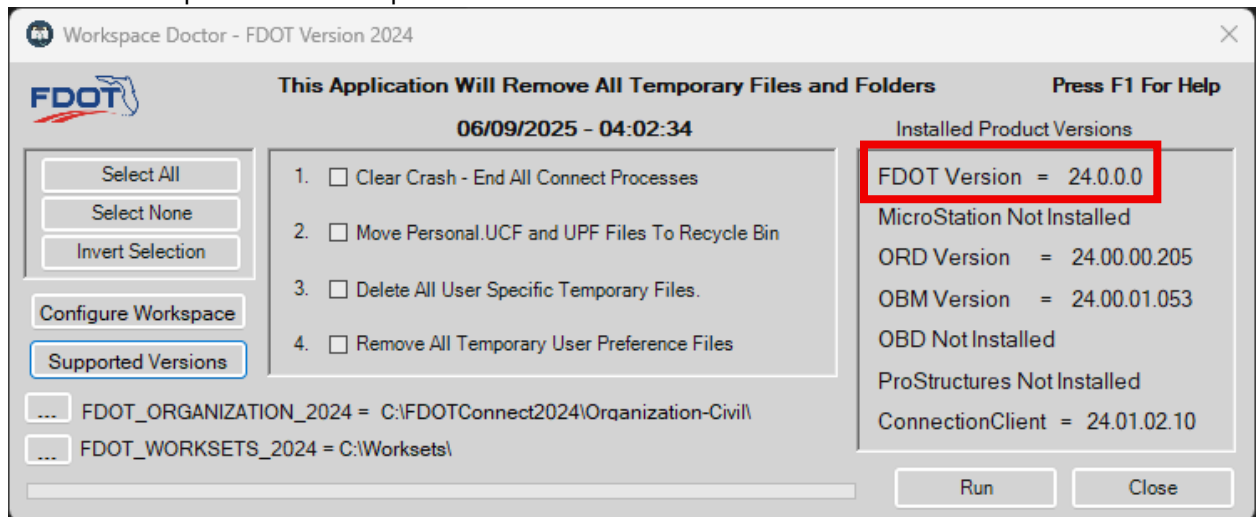
1.2 Objectives

This document describes the replacement workflow used to assign Alignment and FPID item types to drawing elements, ensuring compatibility with the FDOTConnect Automated Quantities process in OpenRoads Designer 2024.



1.3 If you are using FDOT Version 24.0.0.0

1. To check this open FDOT Workspace Doctor



2. Contact the FDOT CADD office to receive an updated dgnlib file if you have FDOT Version 24.0.0.0 installed.

2 WORKFLOW

2.1 Step 1: FDOTProject.xlsx setup

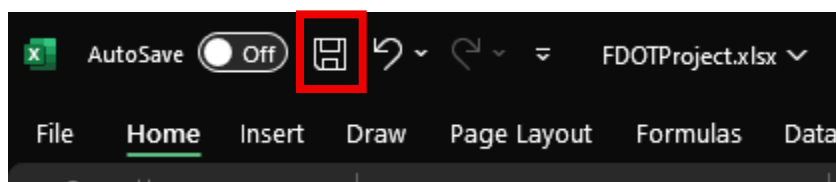
Start off by opening the FDOTProject.xlsx. This will be located in the project's Symbology folder. If the file is not found, it should be copied from the FDOTConnectXXXX\Organization-Civil\FDOT\Asset Manager folder to the project's Symbology folder. **NOTE: The new file type is.xlsx and not .xslm. For a new Excel file make sure to copy the layout exactly as shown below.**

1. Once Excel is open, start by adding Alignment names in column B and any FPIDs in column C as needed. To add more values simply add another PickList.Value# to column A, where # is the next numeric value in the list to add another value to the Picklist.

NOTE: Make sure the Alignment names match the names of the Alignments used in the project exactly.

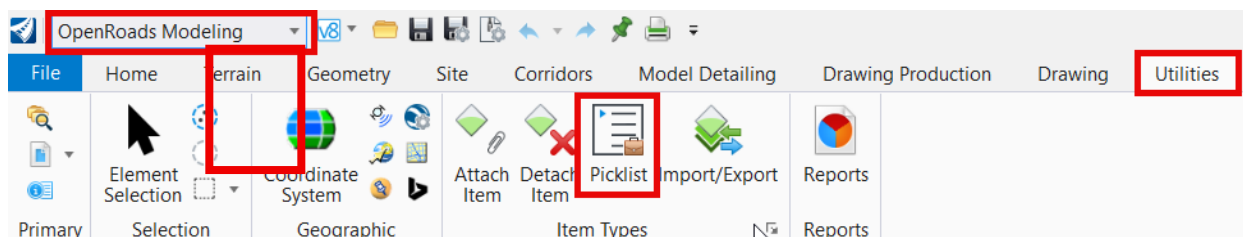
O21				C17			
	A	B	C		A	B	C
1	PickList.Name	Alignment	FPID	1	PickList.Name	Alignment	FPID
2	PickList.Value1			2	PickList.Value1	SR61	123456789
3	PickList.Value2			3	PickList.Value2	US90	
4				4	PickList.Value3	Market_ST	
5				5			
6				6			
7				7			
8				8			

2. Click save and close the file.

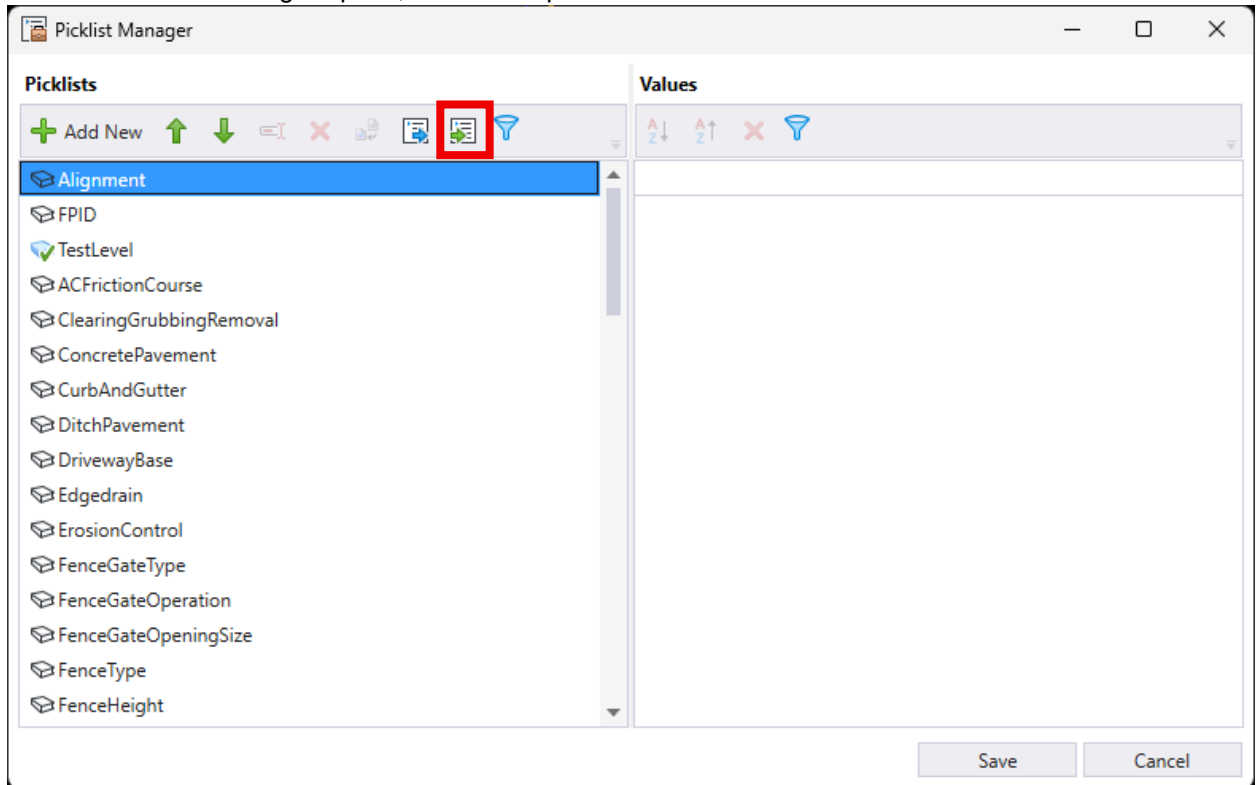


2.2 Step 2: Importing the Alignments and FPID from FDOTProject.xlsx

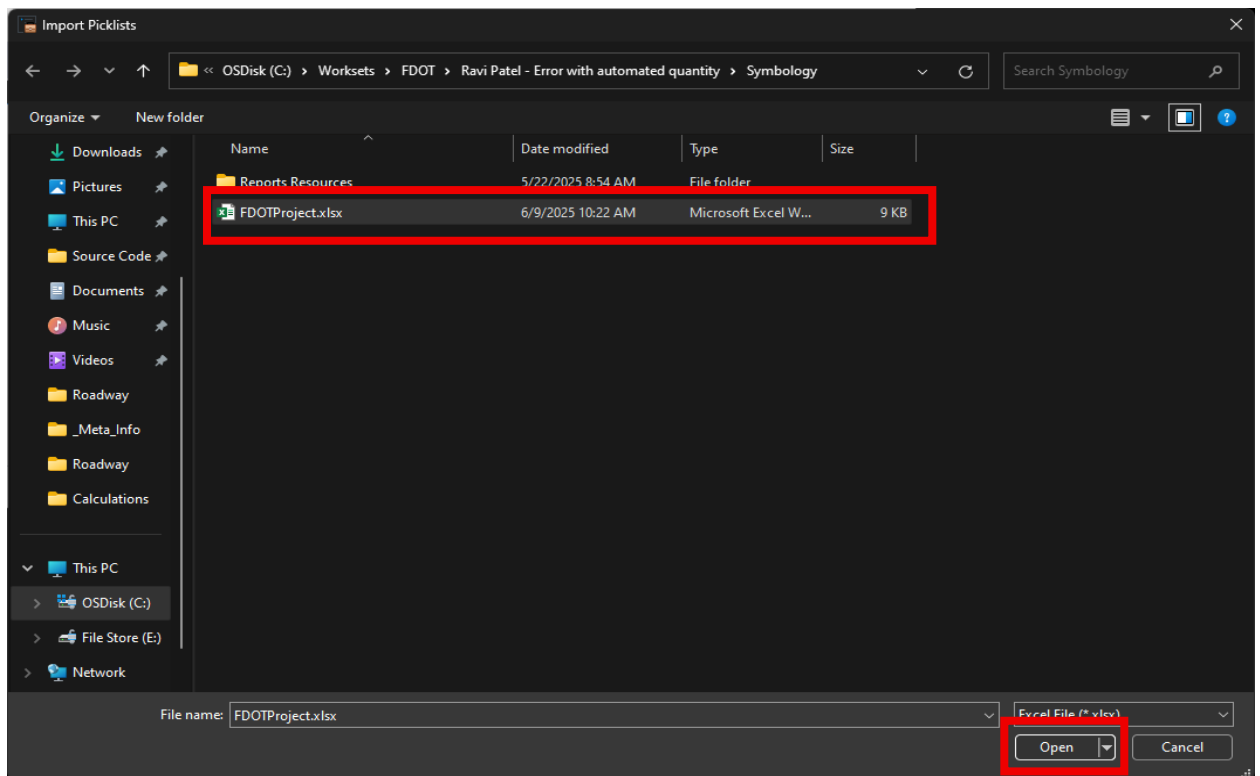
1. Open a Workset's design file (.dgn) and go to the Utilities tab in the "OpenRoads Modeler" workflow. Then under the Item Type section, click the Picklist button.



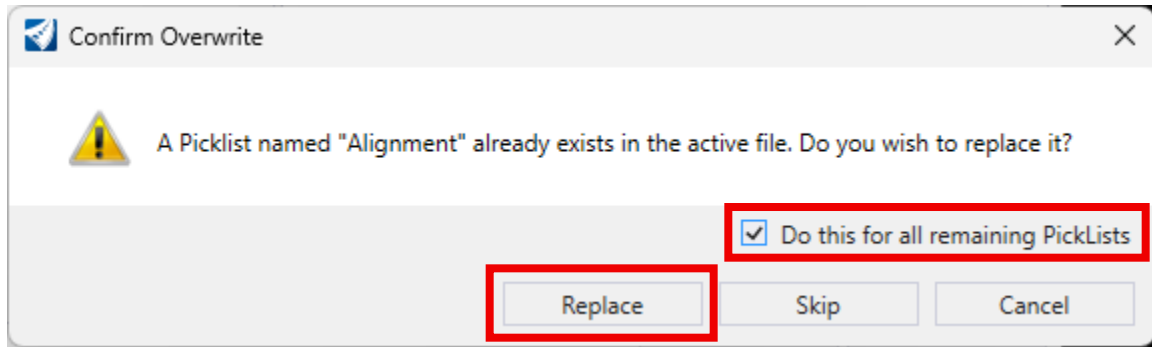
2. Once the Picklist Manager opens, click the Import Picklist button.



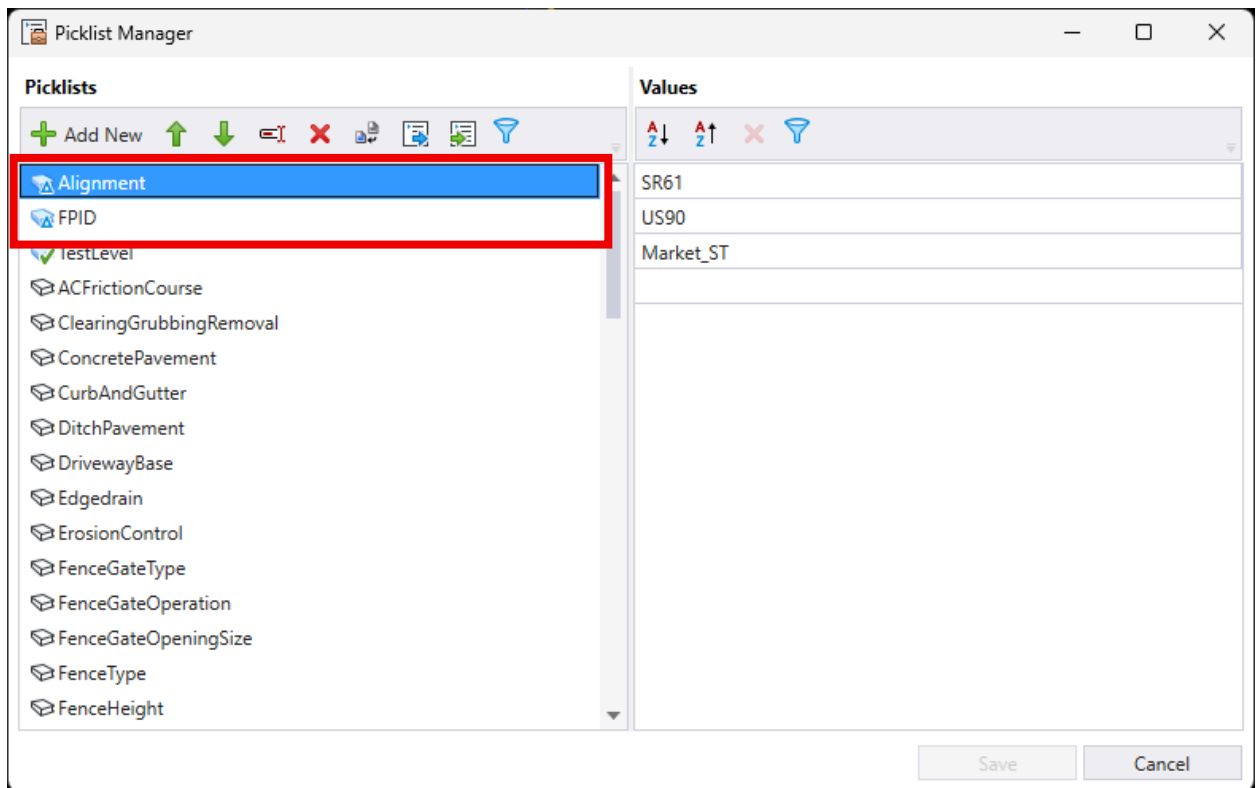
3. In the Import Picklist dialog box navigate to the Workset's Symbology folder and select FDOTProject.xlsx. Then select Open.



4. In the Confirm Overwrite box, Check the Do this for all remaining Picklists check box and click Replace.

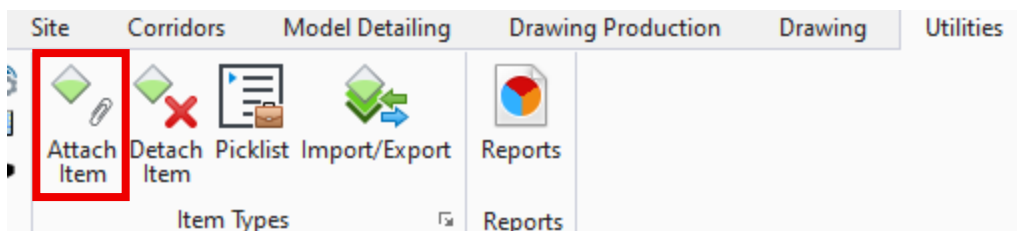


5. The Alignment and FPID data will now be added to the Picklists.

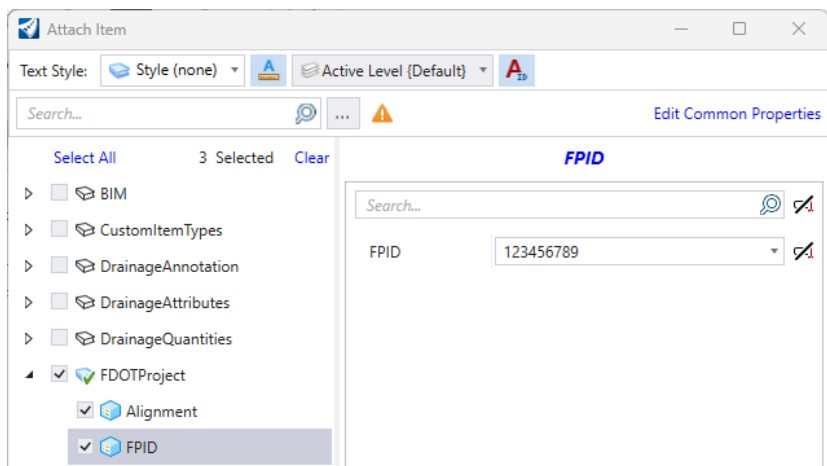
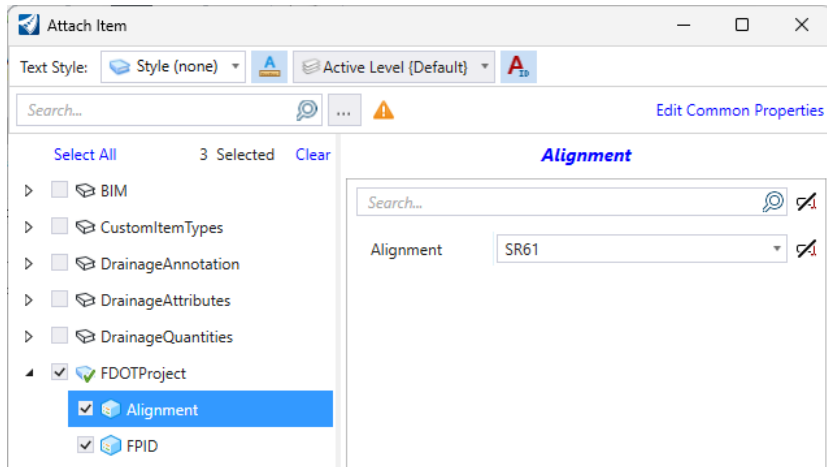


2.3 Step 3: Adding Alignment and FPID to an element.

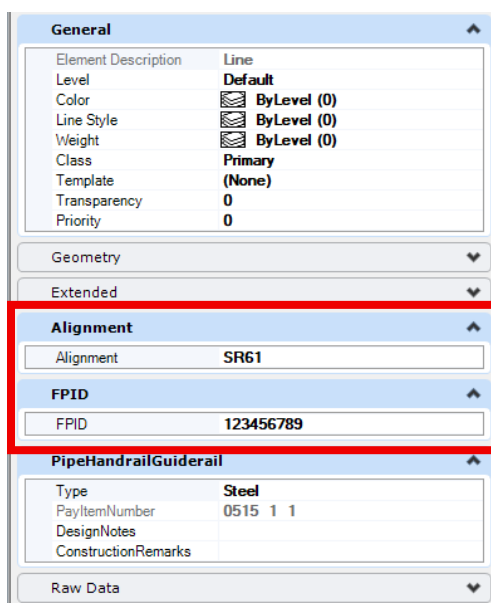
1. Click the Attach Item button.



- Expand the FDOTProject Item type group and select Alignment and FPID. NOTE: Make sure the Item types are still selected before clicking the element.

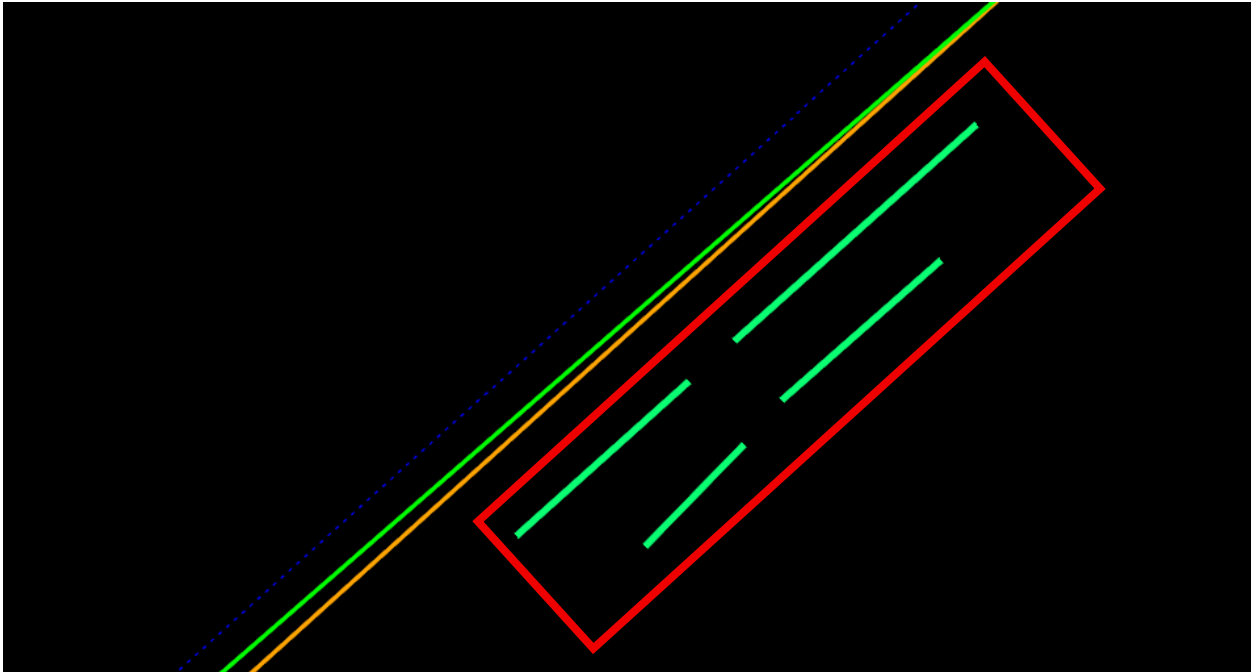


- To check that the Alignment and FPID have been attached, select an element and open the properties.



2.4 *Applying Alignment and FPID to multiple elements*

1. To apply the Alignment and FPID to multiple elements, select all elements that you want to add the Alignment and FPID to, before clicking the Attach Item button. Then follow steps in [2.3-2](#) and [2.3-3](#)



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