

FDOT Signing and Pavement Marking Tools



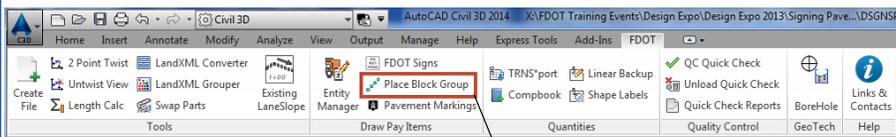
All Presentations and Downloads will be available online
A link will be emailed to all class registrants

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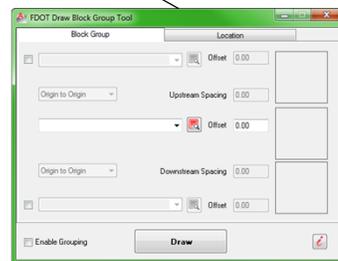
FDOT Place Block Group Tool

“FDOT Ribbon”



Launches the Application

Launches the 2014 State Kit



FDOT Place Block Group Tool

The screenshot shows the "FDOT Draw Block Group Tool" window. It has a "Block Group" tab and a "Location" tab. The "Block Group" tab contains three rows of controls, each with a dropdown menu, a "Block Group" icon, and an "Offset" field set to 0.00. Between these rows are "Upstream Spacing" and "Downstream Spacing" fields, each set to 0.00. At the bottom, there is an "Enable Grouping" checkbox and a "Draw" button. A "Preview Pane" is visible on the right side of the tool. Callouts point to various elements: "Middle Block (Default Active)" points to the first dropdown; "Groups Blocks Together behaves like the AutoCAD Group Command" points to the "Enable Grouping" checkbox; "Places Block(s)" points to the "Draw" button; "Offset Distance From Reference Object" points to the "Offset" fields; and "Spacing is measured Both Ways from Middle Block" points to the "Upstream Spacing" and "Downstream Spacing" fields.

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FDOT Place Block Group Tool

This screenshot shows the "FDOT Draw Block Group Tool" window with a "Pay Item Database" window open. The "Pay Item Database" is a tree view with the following structure:

- Roadway Design
- Drainage
- Utilities
- Signalization
- Signing
- Pavement Markings
 - Pavement Markers
 - Painted Pavement Markings
 - Arrows
 - Pavement Messages
 - Thermoplastic Pavement Markings
 - Preformed Tape
- ITS
- Highway Lighting
- Landscaping
- TRANS*PRT View

The "Pavement Messages" item is selected. A callout points to this tree view with the text "Opens the Pay item Database for Block Selection". In the "FDOT Draw Block Group Tool" window, the "Upstream Spacing" dropdown menu is highlighted with a callout. A "Browse for Blocks" button is highlighted with a red box and a callout that says "New Feature". Below the "Browse for Blocks" button, text reads "Click Boxes to Activate and build a Multiple Pavement Message". The "FDOT Draw Block Group Tool" window also shows the "Block Group" and "Location" tabs, "Offset" fields, and "Upstream Spacing" and "Downstream Spacing" fields.

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FDOT Place Block Group Tool

"Location" Tab

Spacing Distance is Measured from Center of Each Block

Block Justification

Tip... Once you make a entity selection it will maintain the same object until you select a different one.

Starts The Command to Place Objects.

Origin
Upstream Edge
Origin
Downstream Edge

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FDOT Place Block Group Tool

"Location" Tab

Clicking allows user to pick objects; Alignments, Lines, or Polylines.

Command Line

Picking an Object in your Open Drawing

The Block Placement Range once you have picked your object. The Default is the entire Length

Command:
Command:
-Select an object:

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FDOT Place Block Group Tool

"Location" Tab

Allows user to Pick Angle Placement of Block

Relative

Perpendicular

Absolute

FDOT Pavement Marking Tool

"FDOT Ribbon"

Launches the Application

FDOT Pavement Marking Tool

"Lane Striping" Mode

Mode Selection, Current Mode is shown in Color

Enter the distance between the two Lane Stripes

Selecting the Inside Pattern button opens the Pay Item Database to choose your Striping with Pay Item Attached

Optional Outside Striping Pattern Selection (ex. Double Yellow) with new Enable/Disable Toggle

The screenshot shows two windows. On the left is the 'PayItemDatabaseWindow' with a tree view of 'Pavement Markings' including Audible, Wet Weather, Two Reactive Components, Painted, Thermoplastic, and Preformed Tape. On the right is the 'FDOT Pavement Marking Tool' window. It has a 'Pattern' section with 'Inside' and 'Outside' buttons, an 'Enable Outside' checkbox, and a 'Distance Between' input field. Below that is a 'Start on Stripes' dropdown and 'Stripe' and 'Skip' checkboxes. The 'Reference Entity' section has a selection icon, 'Begin' and 'End' fields with arrows, and an 'Offset' field. A 'Draw Stripes' button is at the bottom.

FDOT Pavement Marking Tool

"Lane Striping" Mode

Start Striping on a Stripe or Skip

A Reference Entity is a Alignment, Polyline, or Line

```
Command:  
Command:  
[2] -Select an object:
```

Once you click, follow the Directions on the Command Line

The Block Placement Range once you have picked your object. The Default is the entire Length

The screenshot shows the 'FDOT Pavement Marking Tool' window with annotations. A callout box points to the 'Start on Stripes' dropdown with the text 'Start Striping on a Stripe or Skip'. Another callout points to the 'Reference Entity' section with the text 'A Reference Entity is a Alignment, Polyline, or Line'. A third callout points to the 'Begin' and 'End' fields with the text 'The Block Placement Range once you have picked your object. The Default is the entire Length'. A command line snippet shows 'Command:' followed by 'Command:' and then '[2] -Select an object:'. Below the command line is a small diagram of a road with a dashed line indicating a reference entity.

FDOT Pavement Marking Tool

"Lane Striping" Mode

Striping Begin and End Point – Enter Station or Pick in Drawing

Starts The Place Striping Command
"Pick Side of Offset to Place Striping"

Tip... Once you make a entity selection it will maintain the same object until you select a different one.

FDOT Pavement Marking Tool

"Island Striping" Mode

Mode Selector

Selecting the Pattern Item button opens the Pay Item Database to choose your Striping with Pay Item Attached

Distance Between Stripes

Angle of Striping

FDOT Pavement Marking Tool

"Island Striping" Mode

Reference/Pivot Point

Variable Angle Reference/Pivot

Select Both Sides of The Island in the Drawing

Allows you to pick the Beg./Reference/End point in the Drawing

Draws the Striped Island

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FDOT Pavement Marking Tool

"Gore Striping" Mode

Current Mode

Select Pattern with Pay Item Attached

Chevron Selector Diverge or Merge Situation

(Narrow End - Wide End) Selector

Distance Between Stripes

Select the Two Sides of The Gore

Places the Chevrons in the Drawing

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