Topic: How to Create a Roll Plot

ORD Version

This workflow is intended for OpenRoads Designer version 10.10.21.04. The directions outlined below may respond differently in other versions of the Program.

Contact Information

This workflow was produced by District 4. Please send all questions, errors, or overall complaints to <u>KYTCCaddSupport@ky.gov</u> or call 270-766-5066.

Step 1

Open file containing the corridor and go to the Default model (black background).

Step 2

Go to: OpenRoads Modeling>Drawing Production>Named Boundary>Place Named Boundary.



Step 3

After navigating to Place Named Boundary, select the Civil Plan option just as creating normal plan sheets. Select the corridor alignment and set the detail scale as desired. <u>Note</u>: the length will need to be changed until the named boundary is encompassing the entire corridor. Also note the overlap will need to be adjusted to ensure the entire project is displayed in the beginning of the project. Also, be sure the box next to "Create Drawing" is checked.



Step 4

Make sure the annotation scale is set correctly in the drawing model section of the create drawing box then click ok to create the drawing. The sheet model will generate with the standard 22 x 36 sheet cell on it.



Step 5

Select and delete the sheet cell, while leaving the drawing boundary in place. Go to: OpenRoads Modeling>Drawing Production>Sheet Boundary. Click the "Size" drop-down and go to "Custom". Set the height to 36" and the width to size that encompasses the corridor, in this case 3' x 7'. Once the boundary size is appropriate, use the "move" option in the Sheet Boundary pop-up box to position the boundary. See below for depictions of this step.



Step 6

Add imagery, borders, etc. to get the desired look. <u>Note</u>: To get items to print the color white, set the color to black (255).



Step 7

To print correctly, the Print Driver Configuration will need to be modified with the correct sheet size added for the roll plot just created. In the print dialogue, go to File>Edit Print Driver Configuration. Go to the "Paper Sizes" tab and click "Add..." at the bottom.

Print	(crite_roripiterg)				`
File Set	tings Resymbolization				
Open P	rint Definition File	1			
Save Pri	int Definition File	· ·			
Preview					٦
Print		· · · · ·			
Select P	rinter Driver Configurati	on	VILY	-5	
Select V	Vindows Printer	··· · ·	and the second	- / []) 羽	
Configu	are Windows Printer		二人 / 肖	W Copy	1
Edit Prin	nter Driver Configuration	, K	Ser Black		
Reload	Printer Driver Configurat	tion			
Exit		Kastenzed			
- TICM	VICW 1	_			
Color:	Monochrome 🔻	Copi <u>e</u> s: 1	Show <u>d</u> esign in preview	<u>+</u>	•
Scal <u>e</u> :	0.19444406		Rotation:	None 🔻	
Size:	36.000 15.429	in. 🕂 Maximize			
Origin:	0.000 3.286	in. Auto-center			
Pe	in table:			//	×
Desig	n script:			//	×
				Print to File	
KYTC_PDF.pl	tcfg* - Printer Driver operties Paper Sizes	Configuration	s Line Styles Font Maps	Print to File Programs	
KYTC_PDF.pl eral Base Pr Define paper	tcfg* - Printer Driver openties Paper Sizes sizes	Configuration Color Maps Weight Map	s Line Styles Font Maps	Print to File Programs	Same
KYTC_PDF.pl ral Base Pr Define paper me	tcfg* - Printer Driver operties Paper Sizes sizes Size	Configuration Color Maps Weight Map Margins	s Line Styles Font Maps	Print to File Programs Print Scale	
CYTC_PDF.pl ral Base Pr Define paper me x 36	tcfg" - Printer Driver operties Paper Sizes sizes Size 36, 22 in.	Configuration Color Maps Weight Map Margins	s Line Styles Font Maps Is Default True	Print to File Programs Print Scale	
KYTC_PDF.pl rral Base Pr Define paper me x 36 x11	tcfg" - Printer Driver operties Paper Sizes sizes Size 36, 22 n. 18, 11 n.	Configuration Color Maps Weight Map Margine	s Line Styles Font Maps Is Default True	Print to File Programs Print Scale	
KYTC_PDF.pl rral Base Pr Define paper me x 36 x11 ix 11 ix 11	tcfg* - Printer Driver operties Paper Sizes sizes Size 36, 22 n. 18, 11 in. 11, 8, 5 n. 13, 5 to 1	Configuration Color Maps Weight Map Margins	s Line Styles Font Maps Is Default True	Print to File Programs Programs	
KYTC_PDF.pl eral Base Pr Define paper me x 36 x11 5x 11 x 17 x48	tcfg* - Printer Driver operties Paper Sizes sizes Size 36, 22 in. 18, 11 in. 11, 8, 51 in. 17, 11 in. 36, 42 in.	Configuration Color Maps Weight Map Margins	s Line Styles Font Maps Is Default True	Print to File Programs Print Scale	
KYTC_PDF.pl ral Base Pr Define paper me x 36 x11 x 17 x48 x36	ttrfg* - Printer Driver opeties Paper Sizes sizes Size 36, 22 n. 18, 11 n. 11, 8.5 n. 17, 11 h. 36, 48 n. 36, 48 n.	Configuration Color Maps Weight Map Margins	s Line Styles Font Maps Is Default True	Print to File Programs Programs	
KYTC_PDF.pl ral Base Pr Define paper me x 36 x11 x 11 x 11 x 11 x 36 x36	tcfg* - Printer Driver sizes Size 36, 22 m. 18, 11 m. 11, 85 m. 17, 11 m. 36, 48 m. 36, 18 m.	Configuration Color Maps Weight Map Margins	s Line Styles Font Maps Is Default True	Print to File Programs Print Scale	
KYTC_PDF,pl ral Base Pr Define paper me x 36 x11 xx 17 x48 x36	tcfg* - Printer Driver sizes Size 36, 22 n. 18, 11 n. 11, 8, 51 11, 12, 11 13, 6, 18 n. 36, 18 n.	Configuration Color Maps Weight Map Margins	s Line Styles Font Maps Is Default True	Print to File Programs Programs Print Scale	
KYTC_PDF.pl ral Base Pr Define paper me x 36 x11 x 11 x 11 x 17 x48 x36	ttrfg* - Printer Driver opeties Paper Sizes sizes Size 36, 22 n. 18, 11 n. 11, 8.5 n. 36, 18 n. 36, 18 n.	Configuration Color Maps Weight Map Margins	s Line Styles Font Maps Is Default True	Print to File Programs Print Scale	
KYTC_PDF.pl rral Base Pr Define paper me x 36 x11 5x 11 x 17 x17 x48 x36	tcfg* - Printer Driver operties Paper Sizes Size 36, 22 m. 18, 81 m. 11, 85 m. 17, 11 m. 36, 48 m.	Configuration Color Maps Weight Map Margins	s Line Styles Font Maps Is Default True	Print to File Programs Programs	
CYTC_PDF.pi ral Base Pr Define paper me x 36 x11 x 17 x48 x36	tcfg" - Printer Driver sizes Size 36, 22 in. 11, 8, 11 in. 17, 11 in. 36, 48 in. 36, 18 in.	Configuration Color Maps Weight Map Margins	s Line Styles Font Maps Is Default True	Print to File Programs Print Scale	
KYTC_PDF.pl ral Base Pr Define paper me x 36 x11 x17 x17 x48 x36	ttrfg* - Printer Driver opettes Paper Sizes sizes Size 36, 22 n. 18, 11 n. 11. 8.5 n. 17, 11 h. 36, 48 n. 36, 18 n.	Configuration Color Maps Weight Map Margins	s Line Styles Font Maps Is Default True	Print to File Programs Programs	
KYTC_PDF.pi ral Base Pr Define paper me x 36 x11 x 17 x48 x36	tcfg* - Printer Driver sizes Size 36, 22 m. 18, 11 m. 11, 8.5 m. 7, 11 m. 36, 48 m. 36, 18 m.	Configuration Color Maps Weight Map Margins	s Line Styles Font Maps Is Default True	Print to File Programs Programs	
CYTC_PDF.pl ral Base Pr Define paper me x 36 x11 x 11 x 17 x17 x48 x36	tcfg" - Printer Driver operties Paper Sizes sizes Size 36, 22 in. 18, 11 in. 11, 8, 51 in. 13, 6, 18 in.	Configuration Color Maps Weight Map Margine	s Line Styles Font Maps Is Default True	Print to File Programs Print Scale	
CYTC_PDF.pl ral Base Pr Define paper me x 36 <11 x 11 x 17 <48 <36	tcfg" - Printer Driver sizes Sizes Size 36, 22 in. 11, 8, 51 in. 17, 11 in. 36, 18 in. 36, 18 in.	Configuration Color Maps Weight Map Margine	s Line Styles Font Maps Is Default True	Print to File Programs Print Scale	
KYTC_PDF.pl aral Base Pr Define paper me x 36 x11 x 17 x 17 x 13 x 36 x 36 x 36	tcfg* - Printer Driver sizes Size 36, 22 n. 18, 11 n. 118, 51 n. 17, 11 n. 36, 48 n. 36, 18 n.	Configuration Color Maps Weight Map Margins	s Line Styles Font Maps is Default True	Programs Programs Print Scale	

Step 8

When setting the boundary size in Step 5, the sheet was made as a 3' x 7', therefore the print size needs to be 3' (36") by 7' (84"). Close out the paper sizes dialogue and save changes when it pops up. **Note**: The new paper size may not show up without closing the Print box and opening it back up.

🛃 Ed	it Paper Size(s)		×				
	Paper size name:	36 x 84					
	Windows form name:						
	Overall paper size:	36 84	in.				
	Left/bottom margins:		in.				
	Right/top margins:		in.				
	Units:	Inches ~					
	Default print scale:						
	Line weight scale:						
	Line style scale:						
	Automatic rotation:	Clockwise \lor					
☐ Is default paper size							
	ОК	Cancel	_				

Step 9

Set the paper size and color next. Sometimes you may have to click maximize on the Print dialogue box. The correct paper size should show up below the scale. You should now have a "scaleable" roll plot.

Print (KYTC_PDF.pltcfg)	- 🗆	×
<u>File</u> Settings <u>R</u> esymbolization		
Printer and Paper Size		
KYTC PDF Plot Configuration		
Bentley PDF printer driver		-
36 x 84 -		10
Usable area is 84 x 36 in.	mars	47
Landscape 🔻	Const .	
Area: Fence		
View: View 1 👻		
Color: True Color Copies: 1 Show design in preview		⊥
Scal <u>e</u> : 0.08333317 <u>R</u> otation:	None	•
Si <u>z</u> e: 84.000 36.000 in. 🕂 Maximize		
Origin: 0.000 in. Maximize Print Size		
Pen table:		∥ x
Design script:		∥ ×
	Print to F	ïle