KDOT CADD SUPPORT

Kansas Department of Transportation

BRIDGE CONTOUR

Sheeting Workflow

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KDOT CAD Support

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Create New DGN with Microstation Seed

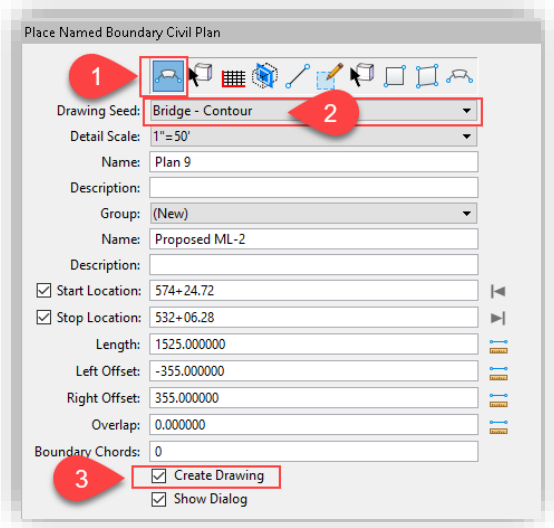
- Create new Design file using Microstation 2D seed file
- Attach Bridge Base File in Design Model
  - NOTE: Bridge Base File should contain two terrains due to bug that prevents pen table/settings files from reading calculated features settings for color, level, line weights, etc.
    - One displaying Major Contours and overall terrain level set to "sv_Contour Major_x_s"
    - One displaying Minor Contours and overall terrain level set to "sv_Contour Minor_x_s"
  - May need to change Global LineStyle Scale from Master to Reference in attachment settings if using a Legacy Reference in the base file.
  - For Connect workspace resources, the Global LineStyle Scale will be Master
    - Set annotation to the scale you prefer
- Locate area for Bridge (TIP: Save settings so when it opens it takes you directly there)

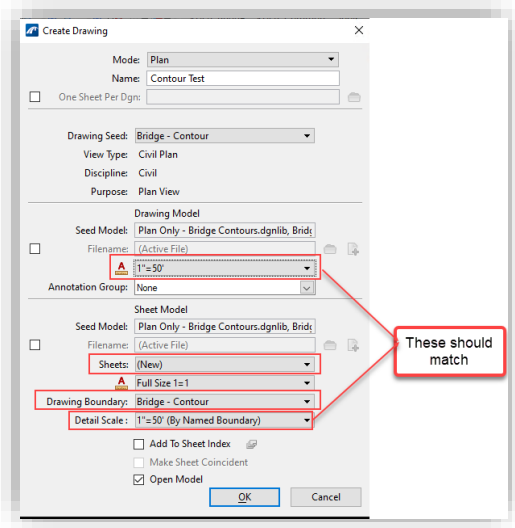
Create Named Boundary for Contour Sheet

Named Boundary using referenced Alignment

- Create Named Boundary
  1. CADconform→KDOT Common→Named Boundaries for Sheets→Place Named Boundary – Civil Plan
  2. Drawing Seed is Bridge – Contour Map
  3. Be sure that Create Drawing is selected
     - Locate alignment
     - Select Start location and then accept until the Create Drawing Dialog comes up
       - These can be manually entered, or you can click in the DGN for Start/Stop
     - Left Click to accept boundary placement

- Create Drawing Dialog (Named Boundary for Plan View with Contours)
  - You will notice it pre-fills everything for you
    - You can change the name at the top if you want something specific
  - Click OK
  - You should be taken to the sheet





A Note about Annotations

Recommended location for Design, Drawing, and Sheet Annotations

Now that the sheet has been created, you are ready to add any notes, dimensions, etc

- **Design Model** contains design level annotation such as stationing
- **Drawing Model** contains detail level annotation such as dimensioning, Sta. Offset/Elev.
- **Sheet Model** contains sheet level annotation such as North Arrow, Sheet specific notes

See KDOT Connect Edition Model Diagram and KDOT Non-Civil Sheeting Guidance for more information.