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## Bridge Linestyle Revisions - Question Summary

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**Revision Date:**        **October 2012**

**Documentation:**

We have anticipated some questions regarding the proposed changes to the Bridge Linestyles and have provided the following summary:

***Question: Why are the Bridge Linestyles changing?***

**Response:** As part of the v8 evolution within the Department, “Level” maintenance continues to be an ongoing effort. The use of standard levels provides designers with consistent and manageable design files while adhering to a uniform standard. The Bridge Design Section has examined the existing linestyles (in addition to input from the consultant community) and established updated linestyles for distribution. The new Bridge linestyles were created in order to provide a more rational approach to linestyle scaling.

***Question: What linestyles are changing?***

**Response:** All of the current Bridge Linestyles are being revised to provide a more rational approach to linestyle scaling and plan development. Appendix F, in the CADD Engineering Standards Manual, provides a suggested linestyle-scale reference chart for designers. Additionally, the following web link provides a table cross referencing the old bridge linestyles with the new linestyles:

[http://www.dot.state.oh.us/Divisions/Engineering/CADDMapping/CADD/Revision%20History/2007\\_Revison\\_History.pdf](http://www.dot.state.oh.us/Divisions/Engineering/CADDMapping/CADD/Revision%20History/2007_Revison_History.pdf)

***Question: If I have an existing Bridge Design Project, do I have to update my project to the new levels?***

**Response:** Due to the significance of this change, the designer is provided with the following two (2) options regarding active design projects:

**a. Option 1:**

- i. The designer can update the drawing(s) to correspond with the revised Bridge linestyles.
- ii. When updating project design files, revise ALL files to the current standard. Any reference files not updated to the current linestyles may display phantom lines.
- iii. All costs associated with this revision are at the designer's expense.

**b. Option 2:**

- i. If the time required updating the drawing is extensive and will negatively impact the project schedule and/or overall design cost, then the designer has the option to keep the existing levels and not update the project.
- ii. The user will be responsible to coordinate the appropriate Bridge Linestyles based on their design.
- iii. ODOT will not maintain separate Configuration Files (.ucf or .pcf), Linestyle Resource files (.rsc), or Level files (.dgnlib) other than the current standards available for download from the CADD Engineering Standards web page.

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**Question:** *How do I manage my design projects to differentiate between the old Bridge Linestyles and the new Bridge Linestyles?*

**Response:** User Documentation is available on-line referencing a suggested process the designer can follow to manage their design projects (i.e. current linestyles and proposed linestyles).

The documentation is intended for informational purposes only.

The management of the configuration environment is at the discretion of the CADD Manager and/or company. See the following web link for further information:

[http://www.dot.state.oh.us/Divisions/Engineering/CADDMapping/CADD/Resource%20Files/ODOT\\_Bridge\\_LinestyleUserGuide.pdf](http://www.dot.state.oh.us/Divisions/Engineering/CADDMapping/CADD/Resource%20Files/ODOT_Bridge_LinestyleUserGuide.pdf)

**Question:** *How do I manage archiving projects when standards change so I can access and print projects at a later date?*

**Response:** The archiving process for projects within ODOT and the consultant community may vary. The ODOT CADD Standards provide a project directory structure (CADD Engineering Standards Manual, Section 300, File Management) that includes a directory for Project Standards. Prior to archiving a project, a suggested practice is to assemble the related Configuration Files, Color Table, Font Library, Linestyle Resource File, and DGNLIBS and place them in a designated "Standards" folder in the project directory. Provide a readme text file (or equivalent) in the project directory instructing the user which system variables need modified in the Project Configuration File (PCF) to properly view and/or print the files.

**Question:** *What happens if I open an old v8 project using the new bridge linestyles?*

**Response:** If a user opens an old v8 file with the *new* bridge linestyles, then the bridge linestyles will display as solid lines.

### **Contact Information:**

If you have any questions, suggestions, or problems please contact the ODOT Office of **CADD and Mapping Services** CADD Support team or use the following form on the ODOT web site at:

<http://www.dot.state.oh.us/Divisions/Engineering/CADDMapping/CADD/Pages/suggestions.aspx>