



## **Roadway Design Software, Cross Section Sheets**

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*Wisconsin Department of Transportation*

### **Background**

WisDOT Bureau of Project Development (BPD) has discovered a defect in our roadway design software that may cause cross section sheets to display incorrect information. The defect appears to be sporadic, not all WisDOT projects are affected.

### **Problem**

In some cases, information found in plan cross section sheets may not have stayed synchronized with the roadway design concept throughout the design process. The result of the defect is that information in cross sections is outdated, and doesn't match the final design intentions. Slope stake report information is not affected by the software defect. In cases where the defect has affected a project, the slope stake report is correct.

### **Solution**

If you encounter a project in which the information in the slope stake report doesn't match information shown in the plan's cross sections, notify the WisDOT Project Manager. The WisDOT Project Manager will work with you to determine the extent of the problem, and timeline for fixing the cross section sheets. For affected projects, slope stake report information is correct and can be used in place of cross sections until the problem is repaired and new cross section sheets can be issued.

WisDOT Project Managers are aware of the software defect and possible cross section sheet issues. An email notification containing detailed information about the problem has been previously sent to WisDOT Project Managers, WisDOT roadway designers, and consultant users of WisDOT's design software standards.

### **To summarize:**

- Some WisDOT projects may be affected by a software defect that results in incorrect information shown on the plan's cross sections.
- Not all WisDOT projects are affected, the problem appears to be sporadic.
- In cases where the defect has occurred, slope stake report information is correct.
- If contractors or other project staff encounter a situation where slope stake report information doesn't match cross sections, they should contact the WisDOT Project Manager.

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