

## AutoCAD Civil 3D 2011

*Presented by Tim Corey, Delta Engineering Systems*

**New Survey Tools:** Create figures and edit figure vertices interactively with new survey tools. Crossing breakline features help identify and edit breaklines in a survey database or surface and create reports that identify potential issues.

**Visual Analysis Tools:** Line-of-sight tools, including point-to-point and sight distance along a corridor, enable you to visually inspect the AutoCAD Civil 3D model.

**64-Bit Operating System Support:** AutoCAD Civil 3D civil engineering software is now available in a version for 64-bit operating systems, enhancing the software's ability to handle large projects and improving performance and stability for memory-intensive tasks.

**Point Clouds:** Create point clouds in AutoCAD Civil 3D civil engineering software using data from LIDAR scanning. Import and visualize point cloud information; stylize point data based on LAS classifications, RGB, elevation, and intensity; and use data to create surfaces, perform site surveys, and digitize as-built features for civil engineering design projects.

**Transportation Enhancements:** Transportation design enhancements offer a more efficient way to design roads and highways. New functionality includes improved best-fit alignment and profile commands, the ability to create new alignments from all or part of an existing alignment, automatic rule-based curve widening, profile tangent extension to a PVI, and support for intersections located on spirals. ❖TC

### **HOT** AutoCAD Tip!

Do you ever need styles in other drawings? Text, tables, dimensions, multileaders, and linetypes can all be copied into a drawing using DesignCenter.

Want to really push the limit? You can use DesignCenter to copy layouts and xrefs, too! ❖LB

## Monday, June 14, 2010

5:30 PM at Delta Engineering Systems,  
1438 Hartnell Avenue, Redding

### Proposed Agenda

OFFICER REPORTS

OLD BUSINESS:

- 

NEW BUSINESS:

- 

DEMONSTRATION:

- AutoCAD Civil 3D 2011 – Tim Corey

QUESTIONS & ANSWERS

50/50 RAFFLE!

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the group provides PIZZA each month!*

**Next regular meeting:  
Monday, July 12, 2010**