



News

CAD Managers Forum

Rick Larson from the Wisconsin DOT has graciously volunteered to speak about the DOT's decision to replace the CAiCE design software at this month's CAD Manager Forum held at Strand & Associates. Strand is located at 910 West Wingra Drive, Madison, WI. The meeting will be held on September 14th at 11:00am until 1:30pm and will cover a wide array of topics.

Please [RSVP](#) by September 10th so we can get a good head count.

Legal Stuff:

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Events

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Bentley:

- [CAD Managers Forum](#) - Sept 14th, 2007 (11:00am - 1:30pm), Strand Associates - 910 West Wingra Drive, Madison, WI.
Rick Larson from the Wisconsin DOT has graciously volunteered to speak about the DOT decision to replace the CAiCE design software. Please [RSVP](#) by September 10th so we can get a good head count.
- [The IDDEA Group 2007 Fall Conference](#) - Oct 3-5, 2007
Scheman Center on Iowa State Campus - Ames, Iowa
- [Bentley Civil Regional Training for InRoads Users](#) - Oct 22-24, 2007
Sheraton Atlanta Hotel - Atlanta, GA
Meet us there!
- [Bentley Civil Regional Training for GEOPAK Users](#) - Dec 10-12, 2007
LOEWS Miami Beach Hotels - Miami Beach, FL
- [BCUKI Winter Conference 2008](#) - Feb 28-29, 2008
Sheraton Heathrow Hotel - London, UK

Are there TMC Meetings, Seminars, Trade shows, and Conferences you think are interesting? [Let us know](#) and we will add them to our newsletter.

QUICK LINKS

- [Click for past issues.](#)



MicroStation Tip

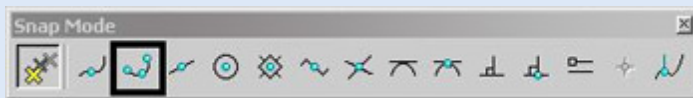
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Keypoint Snap

The **Keypoint** snap mode is often the most useful snap mode for drafting operations. This is because the **Keypoint** snap mode snaps to an element's nearest "keypoint." A keypoint can be a variety of snap locations such as endpoints, midpoints, vertices, center, etc. depending on the type of element that is to be snapped to.

Common elements and their respective keypoints include:

- Lines, Line Strings – Endpoints, Vertices
- Arcs – Endpoints, Quadrants, Center
- Circles, Ellipses – Ends of Axes, Quadrants, Center
- Cells – Keypoints of Component Elements
- Curves – Projections along Curve
- Shapes – Vertices
- Text, Text Nodes – Justification Point (Left Top, Center Center, etc.)



A powerful feature that the Key Point snap mode has is the **Snap Divisor**. This divisor subdivides an element's snap locations into equal segments.

For example, snapping to a line when the **Snap Divisor** is set to 1 will have two available snap locations, the two end points, thus the element's snap location is divided into 1 segment. Snapping to a line when the **Snap Divisor** is set to 2 will have three available snap locations, thus the element's snap location is divided into 2 equal segments.

Setting the Snap Divisor:

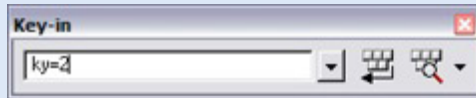
Option 1:

The **Snap Divisor** settings can be accessed from the Snap section of the **Locks** dialog box (**Settings > Locks > Full**).



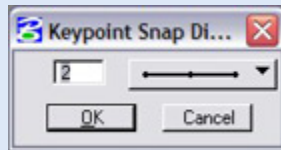
Option 2:

Using the key-in browser dialog and type: KY=2



Option 3:

AccuDraw Shortcut "K" will open the Keypoint Divisor dialog where the user can either type a value or select a number from the drop down list.



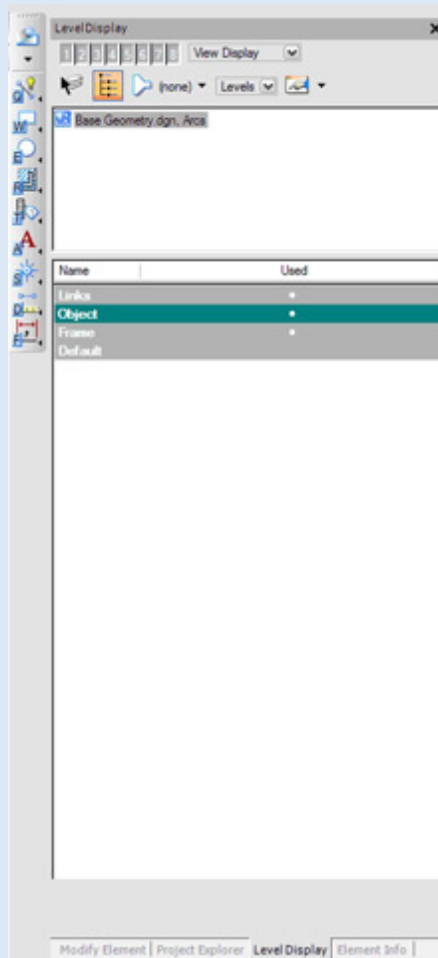
[[Tip Archives](#)]

MicroStation XM Tip

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XM Dockable and Floating Dialogs

Many dialogs can now be docked to create tabs in the MicroStation application window. These tabbed dialogs can be resized with the maximized view. The dialogs including the Toolsettings window can also be dragged outside the MicroStation application window.



[Tool Settings] [Project Explorer] [**Level Display**] [Element Information]

To add the dialogs to the tab layout; click, hold, and drag the dialog to the edge of the MicroStation application window. The dialog will then resize and show a shaded area representing the tab. Release the mouse button to finish adding the tab.

[[Tip Archives](#)]

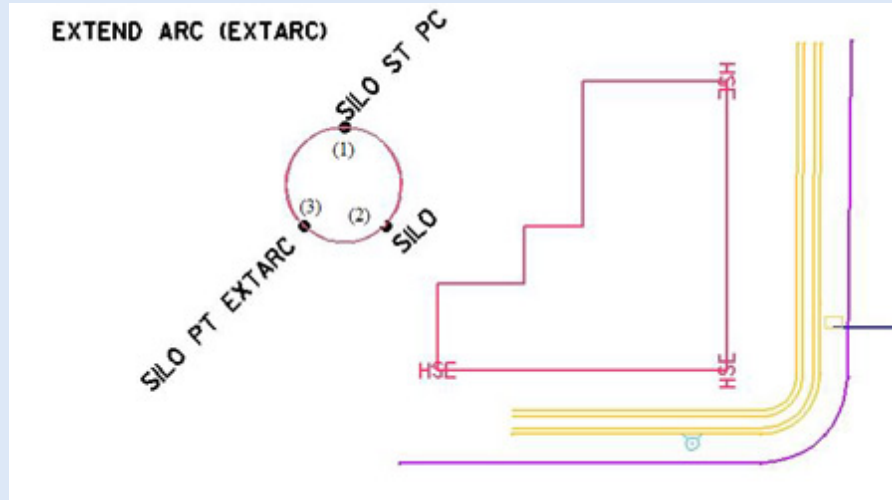
InRoads Tip

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Survey Code Extend Arc aka Circle

'Alpha EXTARC'

Extend Arc command works in conjunction with the control codes PC PT to create a circular shape. The shape is created by joining two arcs which are defined by three shots taken in the field.



Note: When the feature is pushed to a DTM the feature will not keep the circular shape. The DTM feature will be made up of two line segments.

[[Tip Archives](#)]

Open Enrollment Classes

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Open-Enrollment Classes With Seats Available.

MicroStation V8 - Fundamentals	Sep. 18-21	Madison, WI
MicroStation V8 - Everything 3D	Oct. 10-12	Madison, WI
MicroStation V8 - Fundamentals	Nov. 6-9	Madison, WI
MicroStation V8 - User Update	Nov. 27-28	Madison, WI
MicroStation V8 - Power User	Nov. 29-30	Madison, WI
MicroStation V8 - Fundamentals	Dec. 12-14	Madison, WI
InRoads - Site	Sep. 12-14	Madison, WI
InRoads - Survey	Oct. 1-2	Madison, WI
InRoads - XM Essentials	Dec. 3-7	Madison, WI
InRoads - Site	Dec. 17-19	Madison, WI

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