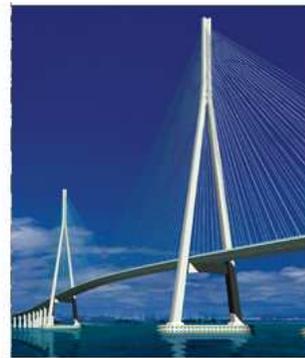


## 2009 ROADS AND BRIDGES CONFERENCE



# Using Civil AccuDraw

Mats Dahlberg  
Bentley Systems

## Civil AccuDraw

- Extends the power of MicroStation
- Provides Civil point locations
  - MicroStation
  - Civil commands
- Installed with:
  - GEOPAK V8i
  - InRoads V8i
  - MX Stand-alone V8i
  - MX in MicroStation V8i
  - PowerCivil V8i

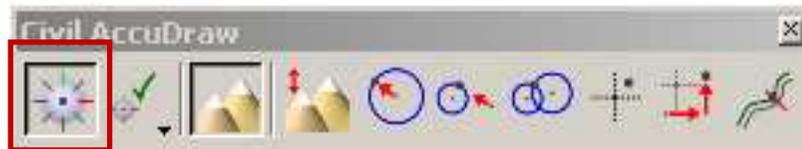
# Civil AccuDraw

- Tools > Civil AccuDraw > Activate Toolbar



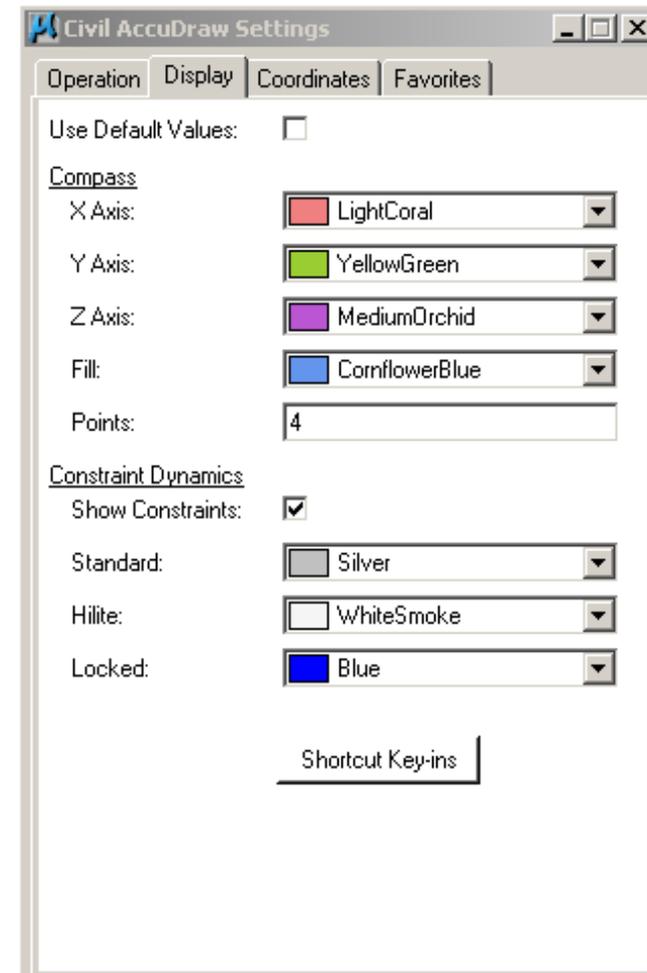
# Civil AccuDraw

- Toggle Civil AccuDraw



# Civil AccuDraw

- Civil AccuDraw Settings



# Civil AccuDraw

- Z



# Civil AccuDraw

- Z



Distance	1412.8326	
Direction	08°17'08.0549"	
Z	23.0000	

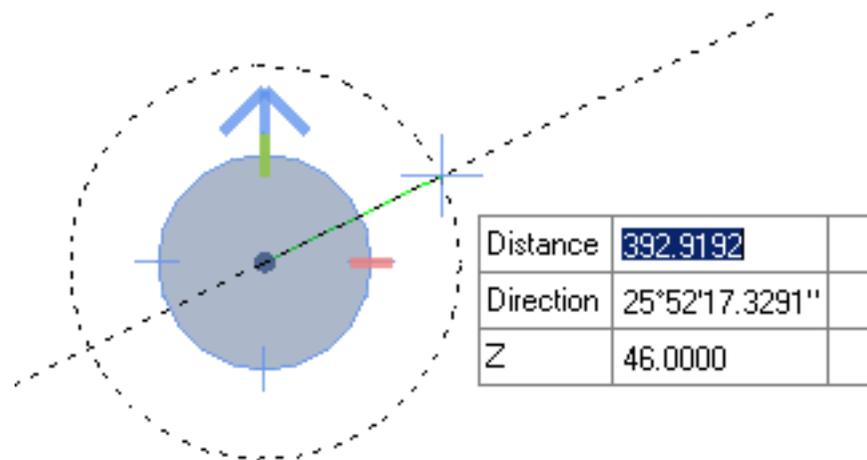
- DZ



Distance	761365.9723	
Direction	52°12'44.3976"	
DZ	23.0000	

# Civil AccuDraw

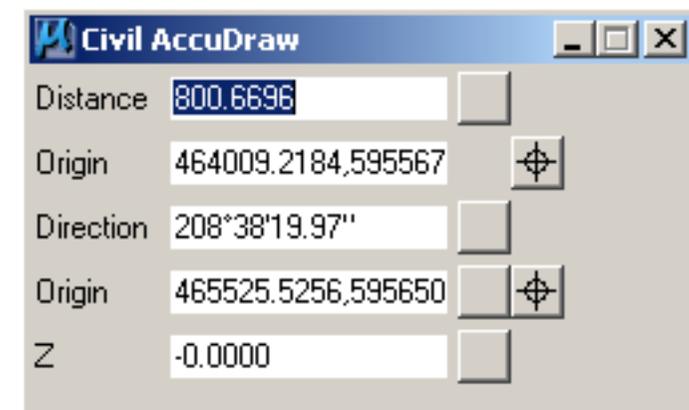
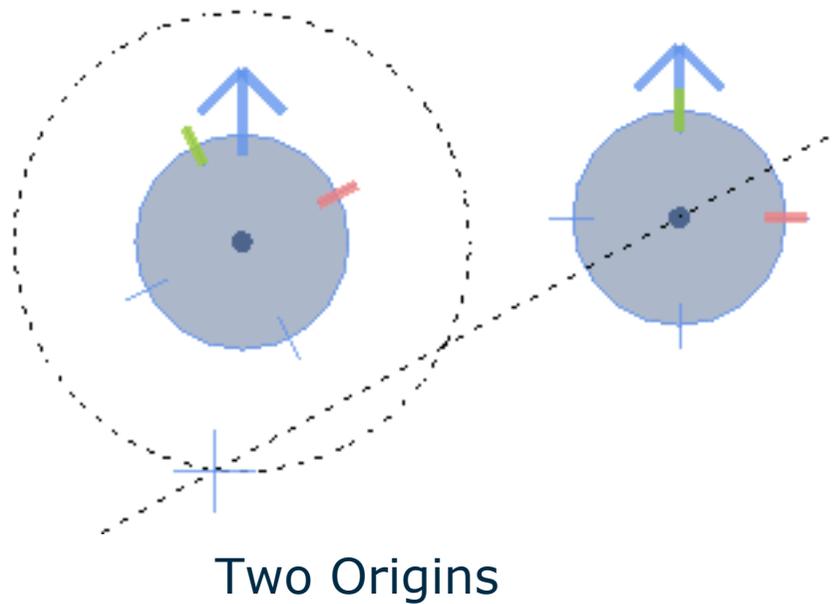
- Distance-Direction



Single Origin

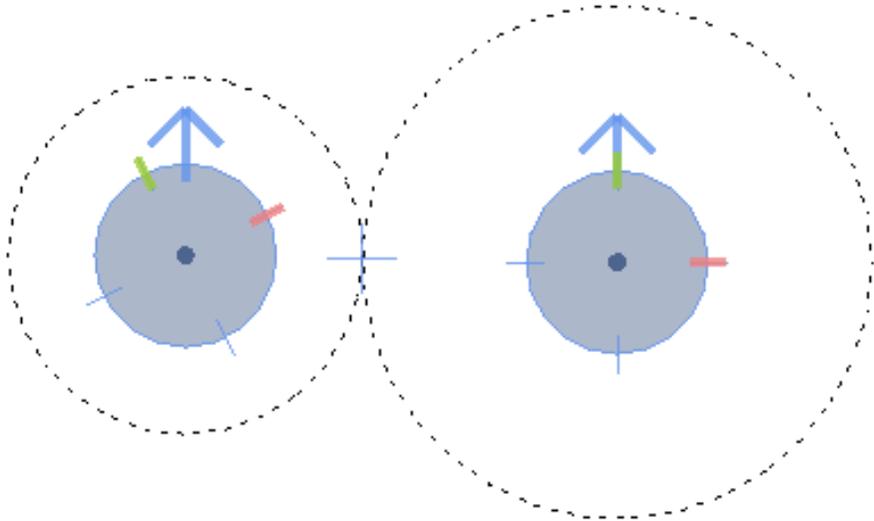
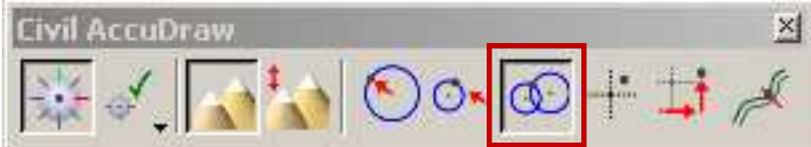
# Civil AccuDraw

- Dist-Dir Unlinked



# Civil AccuDraw

- Dist-Dist



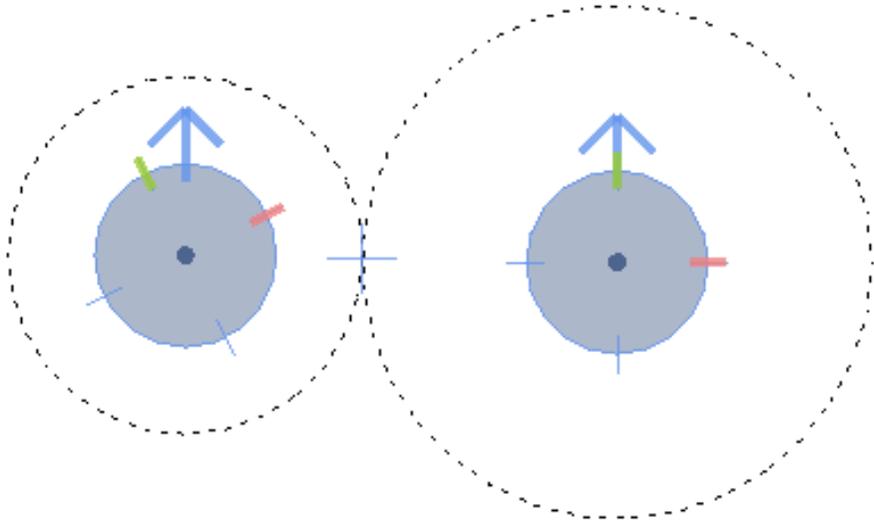
Two Origins

A screenshot of the Civil AccuDraw dialog box. It contains several input fields for defining the tool's parameters:

Distance	739.7199	<input type="checkbox"/>
Origin	463768.8282,595678	<input type="checkbox"/>
Distance	1017.2035	<input type="checkbox"/>
Origin	465525.5256,595650	<input type="checkbox"/>
Z	-0.0000	<input type="checkbox"/>

# Civil AccuDraw

- Dist-Dist

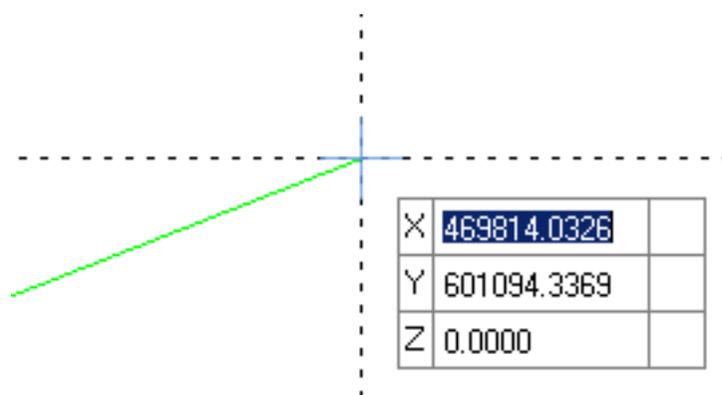


Two Origins

A screenshot of the Civil AccuDraw dialog box. The dialog box has a title bar with the Bentley logo and the text 'Civil AccuDraw'. It contains several input fields and buttons. The first row shows 'Distance' with the value '739.7199' and a button with a crosshair icon. The second row shows 'Origin' with the value '463768.8282,595678' and a button with a crosshair icon. The third row shows 'Distance' with the value '1017.2035' and a button with a crosshair icon. The fourth row shows 'Origin' with the value '465525.5256,595650' and a button with a crosshair icon. The fifth row shows 'Z' with the value '-0.0000' and a button with a crosshair icon.

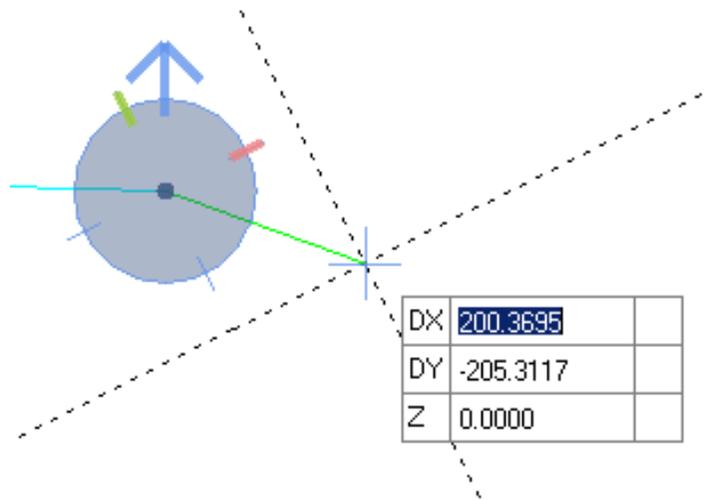
# Civil AccuDraw

- XY



# Civil AccuDraw

- DX DY



Single Origin

# Civil AccuDraw

- Station-Offset

