

Revision Date: August 2010

This document lists the value for the indicated file settings as they exist now in the bridge final design and bridge preliminary design seed files.

Design File Setting

Applies to: BridgeFinalDesignSeed.dgn & BridgePrelimDesignSeed.dgn

Design History Initialized

Set Cell Scale = 100

Set Custom Line style scale = 100

Set View Attributes – in dialog 5

- ON = Dimensions, Line Styles, Patterns, Text, Transparency
- OFF = ACS Triad, Background, Boundary Display, Camera, Clip Back, Clip Front, Clip Volume, Constructions, Data Fields, Displayset, Fast Cells, Fast Curves, Fill, Grid, Level Overrides, Line Weights, Pattern/Bump Maps, Default Lighting, Tags, Text Nodes

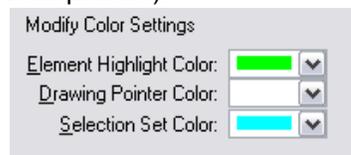
Set (default) View Area = Approximately 45 miles East-West, 27 miles North-South

View Area	X – approx	Y - approx
Lower left corner	500000	100000
Upper right corner	750000	250000

Settings > Design File (dialog)

- **Active Angle**
 - AA = 0
 - Angle Lock (option)= UNTOGGLED
 - Tolerance = 1.0
- **Active Scale**
 - X Scale = 100
 - Y Scale = 100
 - Scale Lock (option) = UNTOGGLED
- **Angle Readout**
 - Format = DD.DDDD (default)
 - Accuracy = 0.1234 (default)
 - Direction Mode = Azimuth (default)
 - Base = East (default) and 0°
 - Clockwise (option) = UNTOGGLED

- **Axis**
 - Axis Lock (option) = UNTOGGLED
 - Start Angle = 0.00000
 - Increment = 90.00000
- **Civil Formatting**
 - EPC Settings
 - First Turn Color = RED [255,0,0]
 - Second Turn Color = Green [[0, 255,0]
 - Third Turn Color = Blue [0,0,255]
 - Measurement Method = B-spline
 - Entry Distance= 164.0417
 - Entry Offset = 0.00000
 - Offset from Center Island = 0.00000
 - Entry offset from Outer Edge = 0.00000
 - Exit distance = 164.0417
 - Exit Offset =
 - Vehicle Width = 6.5617
 - Maximum Approach = 100
 - Crossfall = 0.000000
 - Side Friction Factor = 0.30000
 - Design Speed Units MPH
 - Coordinate Settings
 - Format = X, Y
 - Precision = 0.1234
 - Ratio Settings (Distance : Offset)
 - Format = 1:D
 - Precision = 0.1234
 - Station Settings
 - Format = ss+ss
 - Format Delimiter = +
 - Precision = 0.1234
 - Equation = By Name
 - Radius Settings
 - Degree of Curve Method = Arc
 - Degree of Curve Length = 328.0833
 - Radius Toggle Character = d
- **Color**
 - Element Highlight Color = Green [0,255,0] : (MODIFIED - default is heliotrope from pick list)
 - Drawing Pointer Color = White [255,255,255] (default)
 - Selection Set Color = light blue [0,255,255] : (MODIFIED - default is heliotrope from pick list)



- **Data Acquisition – all defaults**
 - Null field – no values to set or select.
- **Element Attributes**
 - Level = Default
 - Color = 0
 - Style = <EMPTY>
 - Weight = <EMPTY>
 - Class = Primary
 - Global Line Style Scale = 1.000 (default)
- **Fence – all defaults**
 - Fence Mode = Inside (default)
- **Grid – all defaults**
 - Grid Lock (option) = UNTOGGLED
 - Grid Master = 0.1000
 - Grid Reference = 10
 - Grid Config = Ortho
 - Grid Aspect = 1.000000
 - Orientation = View
- **Isometric – all defaults**
 - Isometric Lock (option) = UNTOGGLED
 - Isometric Plane = TOP
- **Locks – all defaults**
 - Level Lock (option) = UNTOGGLED
 - Graphic Group (option) = UNTOGGLED
 - ACS Plane (option) = UNTOGGLED
 - Text Node Lock (option) = UNTOGGLED
- **Snaps**
 - Snap Lock (option) = TOGGLED
 - Mode = Keypoint
 - Divisor = 2
 - Association (option) = (Modified) UNTOGGLED
 - ACS Plane (option) = Un-selectable/UNTOGGLED
- **Stream**
 - Stream Delta = 1.0000 (Modified , default = 0.10000)
 - Stream Tolerance = 2.0000 (Modified , default = 0.20000)
 - Steam Angle = 0.00 (default)
 - Stream Area = 0.000e+000 (default)
 - Acceptance Display (option) = UNTOGGLED
- **Views**
 - View = 1
 - Proportional Resize (option) = UNTOGGLED
 - Pixel width = 1097 (default : dynamically varies based on monitor)
 - Pixel Height = 792 (default : dynamically varies based on monitor)
 - Background (option) = UNTOGGLED

- **Working Units**

- (Design File Setting for Bridge Final Design)**

- **Linear Formats**
 - Format = MU
 - Master Units = Feet
 - Label = ‘
 - Sub Unit = Inches
 - Label = “
 - Accuracy = 0.1234
 - Custom (Button for more options)
 - Master Unit Definition
 - Use Standard Unit (option) = (TOGGLED)
 - Unit = Feet
 - Label = ‘
 - Sub Unit Definition
 - Use Standard Unit (option) = (TOGGLED)
 - Unit = feet
 - Label = ‘
- **Advanced Settings**
 - Resolution = 19200 per Distance Foot
 - Working Area = 8.88496E+007 Miles
 - Solids Area = 98.6429 Miles
 - Solids Accuracy = 5.20833E+006 Feet

- (Design File Setting for Bridge Preliminary Design)**

- **Linear Formats**
 - Format = MU
 - Master Units = Feet
 - Label = ‘
 - Sub Unit = Feet
 - Label = ‘
 - Accuracy = 0.1234
 - Custom (Button for more options)
 - Master Unit Definition
 - Use Standard Unit (option) = (TOGGLED)
 - Unit = Feet
 - Label = ‘
 - Sub Unit Definition
 - Use Standard Unit (option) = (TOGGLED)
 - Unit = feet
 - Label = ‘
- **Advanced Settings**
 - Resolution = 1000 per Distance Foot
 - Working Area = 1.70591E+009 Miles
 - Solids Area = 813.445 Miles
 - Solids Accuracy = 4.29498E+005 Feet

