

Bridge Bent Data

Bridge Bent Name

BENT1

Units

Kip, ft, F

Girder Support Condition

☐ Integral

☒ Connect to Girder Bottom Only

Bent Data

Cap Beam Length

30.

Number of Columns

3

Cap Beam Section

+ FSEC2

Modify/Show Column Data...

Bent Type

☒ Single Bearing Line (Continuous Superstructure)

☐ Double Bearing Line (Discontinuous Superstructure)

OK

Cancel

Bridge Bent C

Bridge Bent Name

BENT1

Modify/Show Properties

Frame Section Properties.

Column Data

Column	Section	Distance	
1	FSEC2	5.	
2	FSEC2	15.	
3	FSEC2	25.	

Seismic Hinge Data

Column	RH Long	RH Trans	
1	1.	1.	
2	1.	1.	
3	1.	1.	

## Define Bridge Object and add Bent

**Bridge Object Data**

Bridge Object Name:  Layout Line Name:  Coordinate System:  Units:

Define Bridge Object Reference Line

Span Label	Station ft	Span Type
Start Abutment	0.	Start Abutment
BENT	50.	Full Span to End Bent
Span To End Abutment	100.	Full Span to End Abutment

Note: 1. Bridge object location is based on bridge section insertion point following specified layout line.

Bridge Object Plan View (X-Y Projection)

North

Y

Lock to Prevent Updating the Linked Model ☐

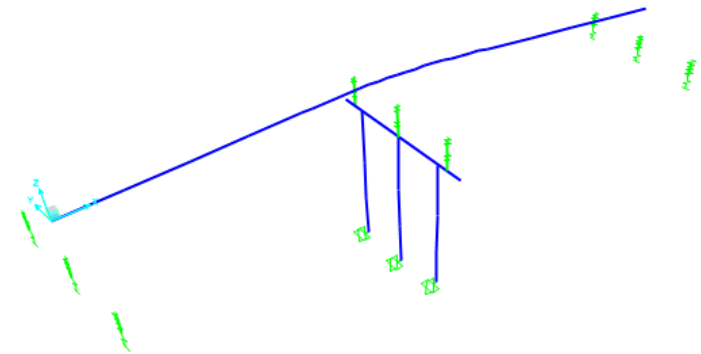
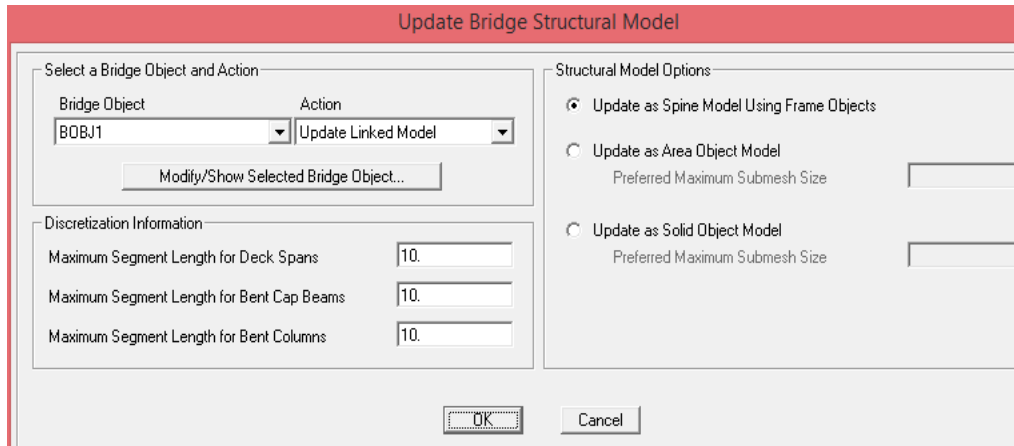
OK Cancel

Modify/Show Assignments

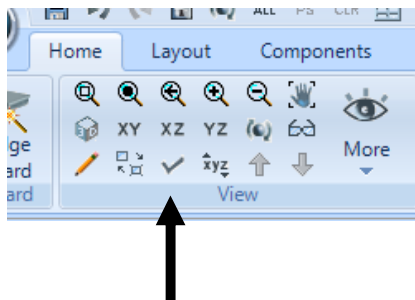
- Spans
- User Discretization Points
- Abutments
- Bents**
- In-Span Hinges (Expansion Jt)
- In-Span Cross Diaphragms
- Superelevation
- Prestress Tendons
- Girder Rebar
- Staged Construction Groups
- Point Load Assigns
- Line Load Assigns

Modify/Show...

Update Bridge model as Spine (beam “stick” elements), area shell elements or solid elements. Spine model below



Click 'Set Display options' shown below



Select Extruded View

