

X-Z Plane @ Y=0
Object Model

Frame Hinge Assignments

Frame Hinge Assignment Data

Hinge Property	Relative Distance
Auto	0

Add
Modify
Delete

Auto Hinge Assignment Data

Modify/Show Auto Hinge Assignment Data...

OK Cancel

Auto Hinge Assignment Data

Auto Hinge Type
From Tables In FEMA 356

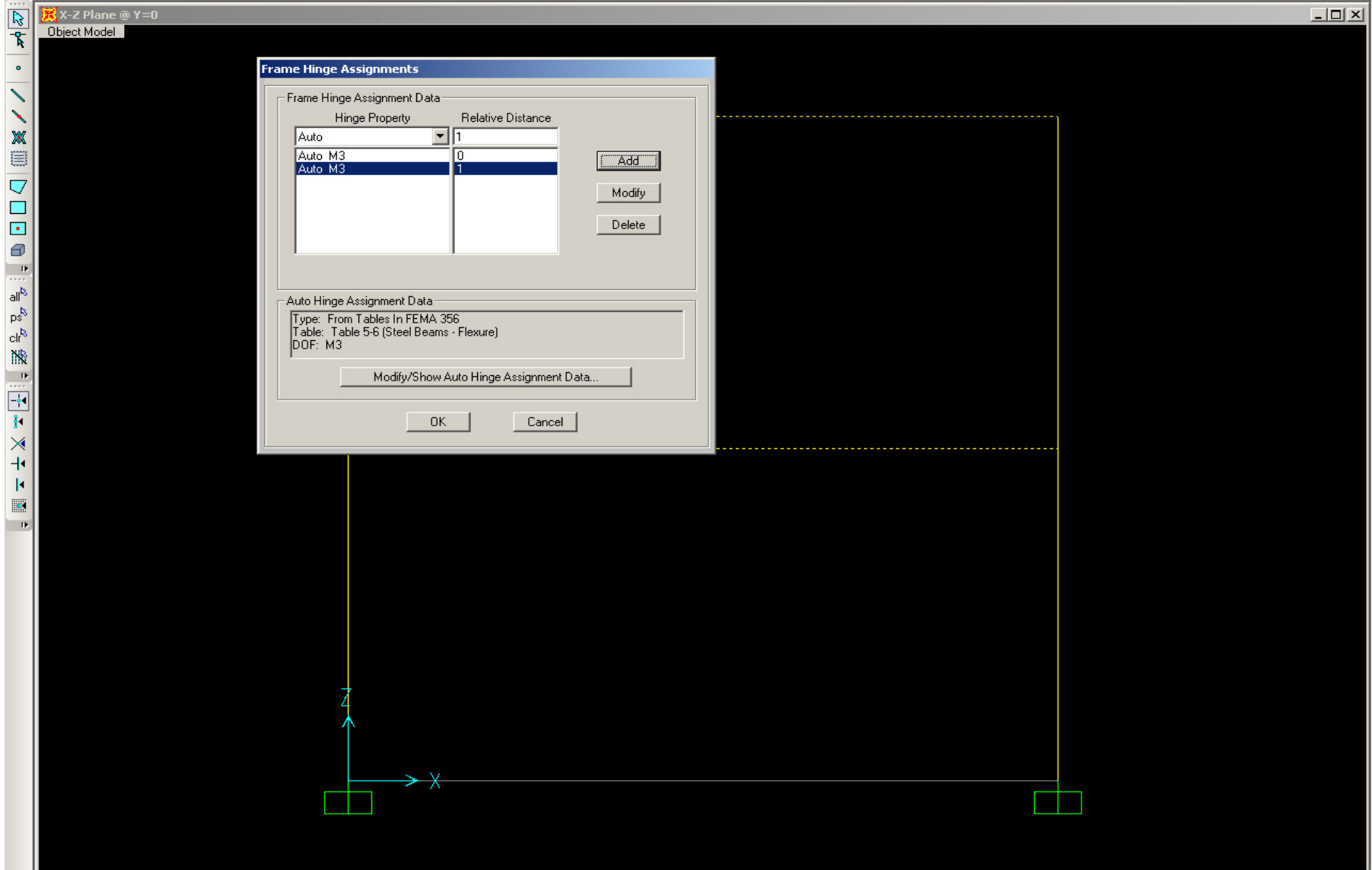
Select a FEMA356 Table
Table 5-6 (Steel Beams - Flexure)

Component Type
 Primary
 Secondary

Degree of Freedom
 M2
 M3

Deformation Controlled Hinge Load Carrying Capacity
 Drops Load After Point E
 Is Extrapolated After Point E

OK Cancel



Frame Hinges

Object Model

Frame Hinge Assignments

Frame Hinge Assignment Data

Hinge Property	Relative Distance
Auto	0

Add
Modify
Delete

Auto Hinge Assignment Data

Modify/Show Auto Hinge Assignment Data...

OK Cancel

5H2(Auto M3)

6H1(Auto M3)

6H2(Auto M3)

Auto Hinge Assignment Data

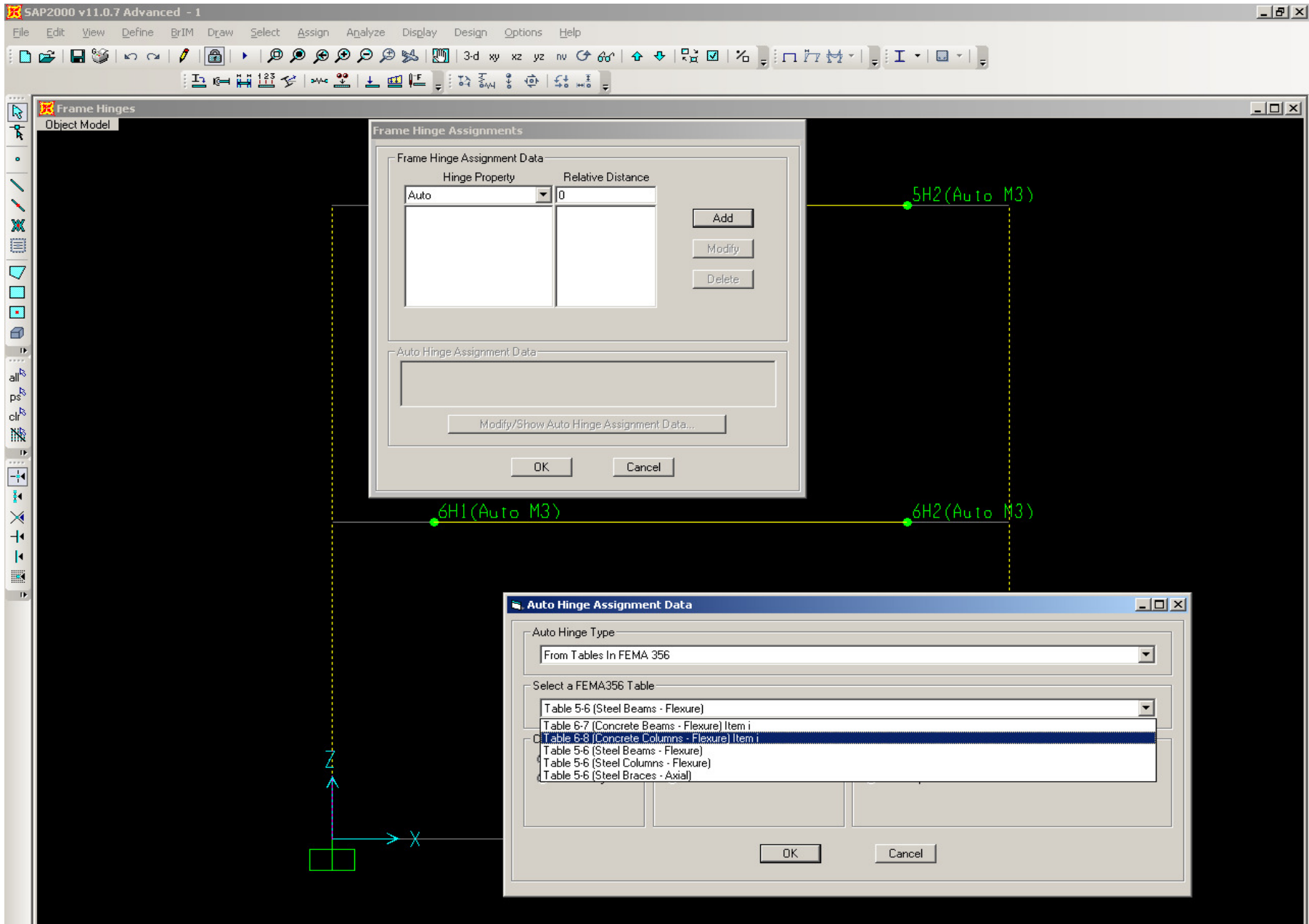
Auto Hinge Type

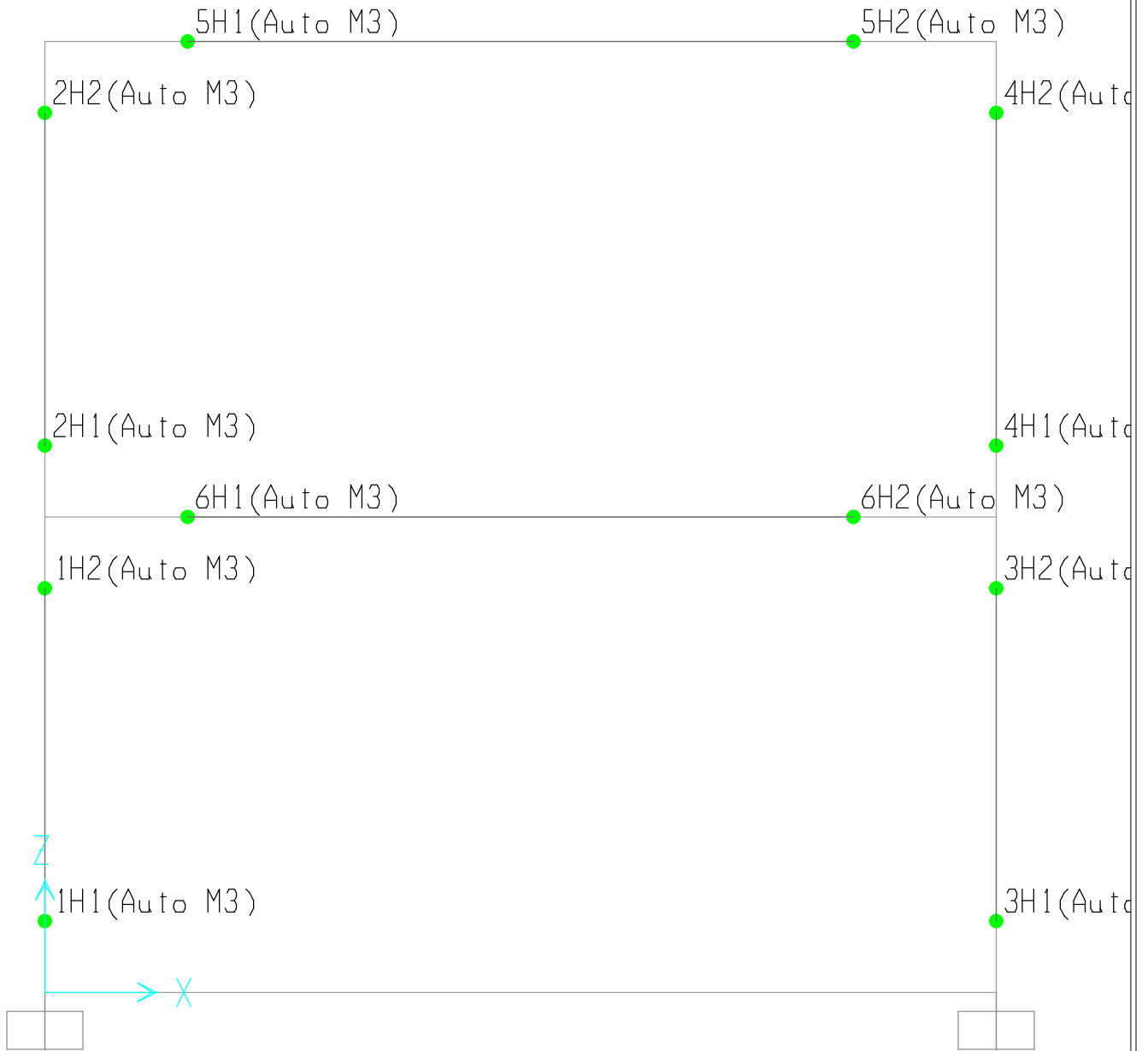
From Tables In FEMA 356

Select a FEMA356 Table

- Table 5-6 (Steel Beams - Flexure)
- Table 6-7 (Concrete Beams - Flexure) Item 1
- Table 6-8 (Concrete Columns - Flexure) Item 1
- Table 5-6 (Steel Beams - Flexure)
- Table 5-6 (Steel Columns - Flexure)
- Table 5-6 (Steel Braces - Axial)

OK Cancel





Materials...
Frame Sections...
Tendon Sections...
Cable Sections...
Area Sections...
Solid Properties...
Link/Support Properties...
Frequency Dep. Link Props...
Hinge Properties...
Mass Source...
Coordinate Systems/Grids...
Joint Constraints...
Joint Patterns...
Groups...
Section Cuts...
Generalized Displacements...
Load Cases...
Bridge Loads
Functions
Analysis Cases...
Combinations...
Named Views...
Pushover Parameter Sets
Named Sets

Joint Loads (PUSH)
Object Model

Analysis Case Data - Nonlinear Static

Analysis Case Name: PUSHOVER Notes: Analysis Case Type: Static

Initial Conditions:
 Zero Initial Conditions - Start from Unstressed State
 Continue from State at End of Nonlinear Case: []
Important Note: Loads from this previous case are included in the current case

Modal Analysis Case:
All Modal Loads Applied Use Modes from Case: MODAL

Loads Applied

Load Type	Load Name	Scale Factor
Load	PUSH	1.
Load	PUSH	1.

Other Parameters:
Load Application: Displ Control Results Saved: Multiple States Nonlinear Parameters: Default

Analysis Type:
 Linear
 Nonlinear
 Nonlinear Staged Construction

Geometric Nonlinearity Parameters:
 None
 P-Delta
 P-Delta plus Large Displacements

Buttons: Add, Modify, Delete, OK, Cancel

X-Z Plane @ Y=0
Object Model

Analysis Case Data - Nonlinear Static

Analysis Case Name: PUSHOVER Notes: Analysis Case Type: Static

Initial Conditions:
 Zero Initial Conditions
 Continue from Previous Analysis

Modal Analysis Case:
All Modal Loads Applied

Loads Applied:
Load Type: Load

Other Parameters:
Load Application: Displ Control Modify/Show...
Results Saved: Multiple States Modify/Show...
Nonlinear Parameters: Default Modify/Show...

Load Application Control for Nonlinear Static Analysis

Load Application Control:
 Full Load
 Displacement Control

Control Displacement:
 Use Conjugate Displacement
 Use Monitored Displacement

Load to a Monitored Displacement Magnitude of: 1d

Monitored Displacement:
 DOF: U1 at Joint: 7
 Generalized Displacement

OK Cancel

