

How to include P-Delta effect in analysis

The two primary means for including [P-Delta](#) effect in [nonlinear](#) analysis include:

1. For each [load combination](#), create a nonlinear analysis [case](#) which includes the P-Delta geometric-nonlinearity parameter.
2. For the gravity loads anticipated, create an Initial P-Delta Analysis [case](#) which includes the P-Delta geometric-nonlinearity parameter, then consider all other analyses as linear while using the stiffness matrix developed for this one set of P-Delta loads.

See Also

- CSI [Watch & Learn](#) video series, [SAP2000](#) Tutorial 5, P-Delta Analysis