



## Why is there a Link while elements activated in different construction stage are connected, when graphically viewing the results?

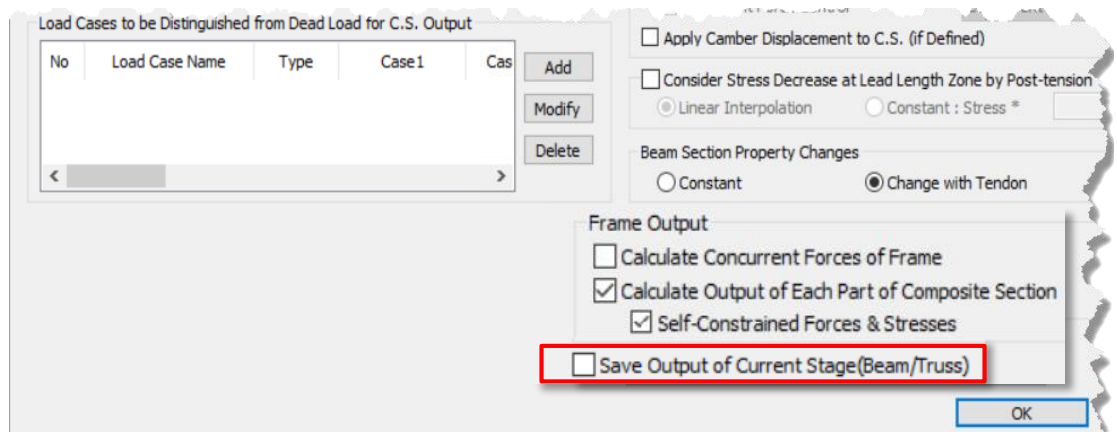


**At joint between two construction stages, sudden change in force causes the Link.**

In general for linear analysis, the principal of superimposition is applicable to get the combined effects of load combinations. So is followed to combine results for different construction stages.

From Main Menu select **Analysis > Analysis Control > Construction Stage**

To view the output for current stage, activate the option to 'Save output for current stage' in the 'Construction Stage Control Data' dialogue box



Once that is done, perform the analysis and the results for summation of outputs as well as current stage output could be checked as shown below

From Main Menu select **Results > Deformations > Deformed Shape**

Such comparison is made for CS1 ( Construction Stage 1) and CS2 for a box girder bridge. The displacements of different stages are compared.



CS 1 – Final Displacement of node 1 (-2.06) mm

