AASHTOWare Bridge Rating/Design Training

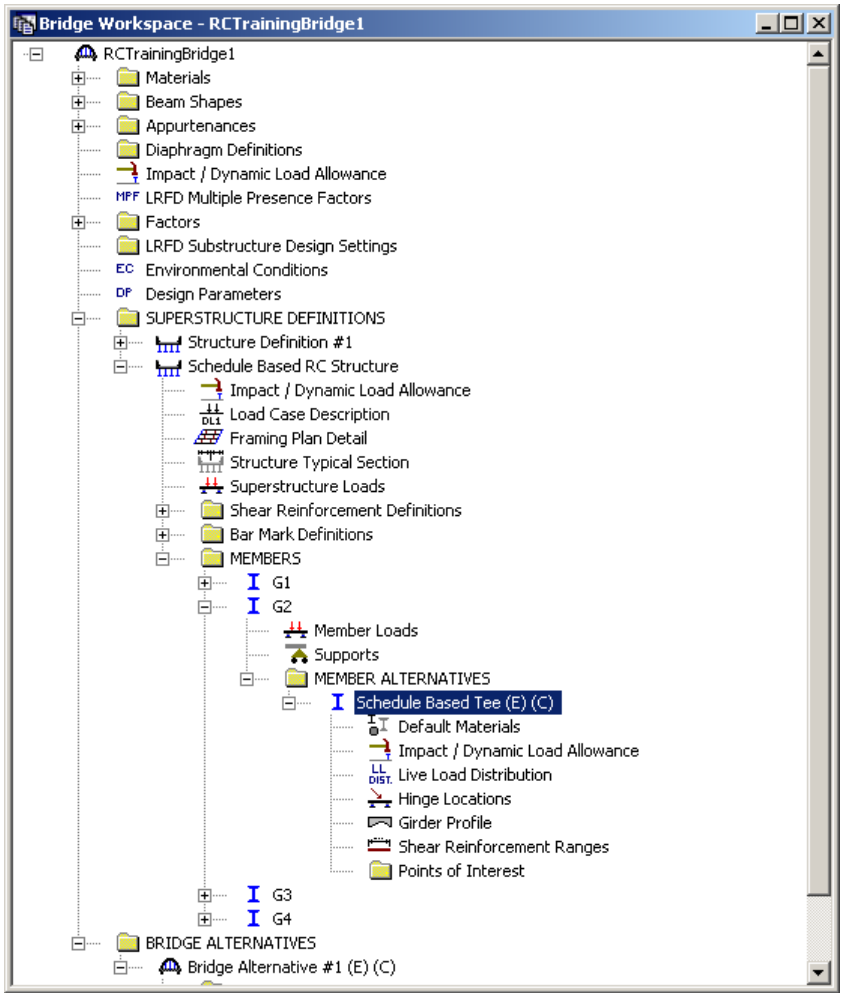
RC6 – Varied RC Tee Beam Section Properties (BrR/BrD 6.4)

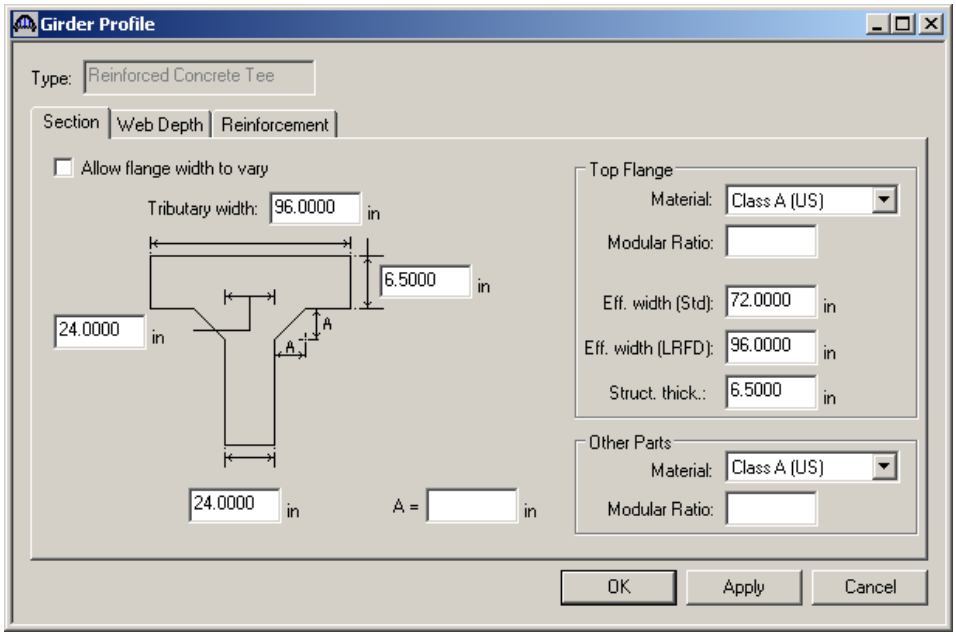
This example describes how to enter varied RC tee beam cross section properties. This feature is only available in schedule based tee beam cross sections. This example assumes you have access to RCTrainingBridge1 (BID11) in the teaching database from the installation.

Topics Covered

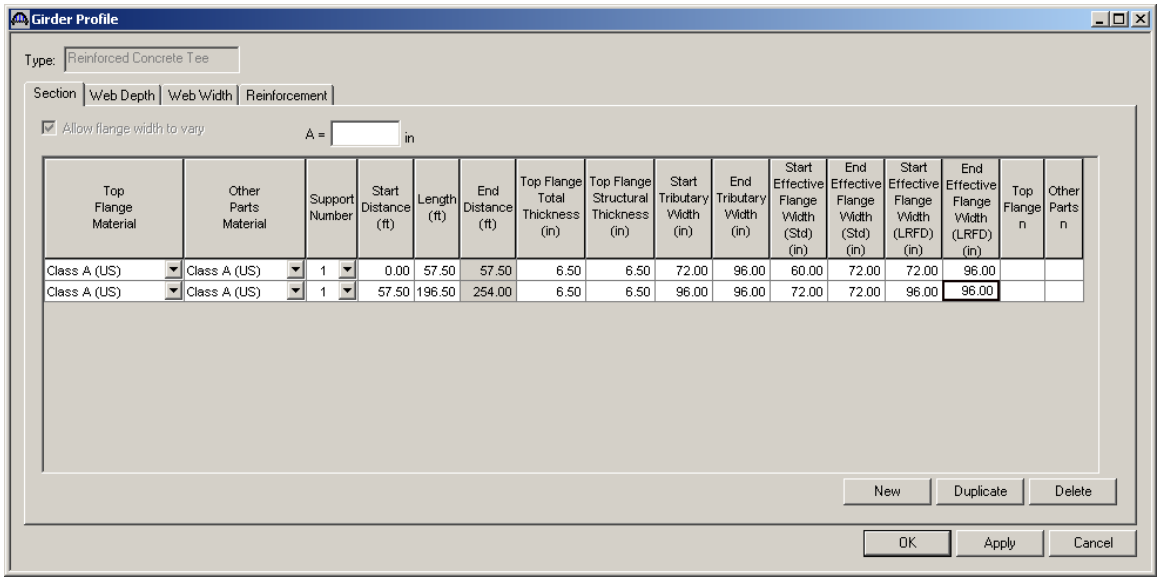
- Enter varied RC tee beam section properties
- Compare spec check details at different locations

Open RCTrainingBridge1, open "Schedule Based Tee" Girder Profile window shown as below.

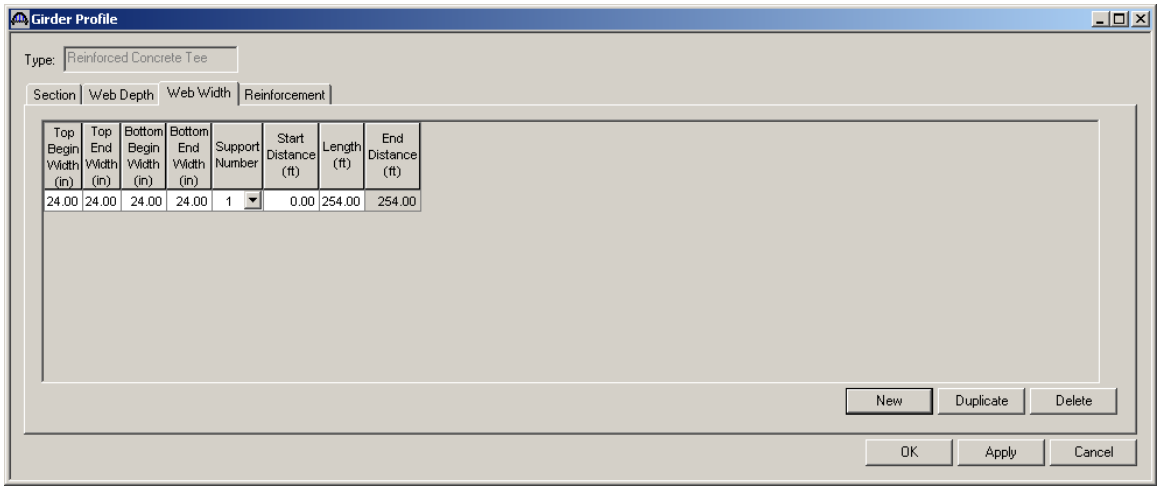




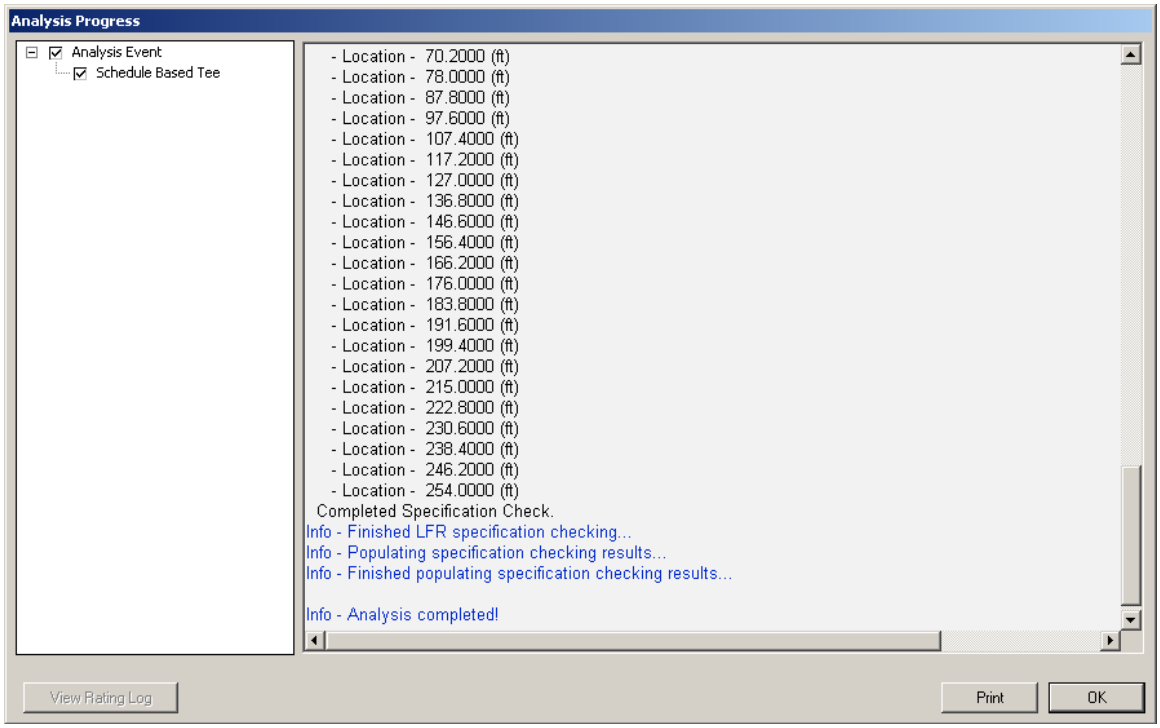
Check “Allow flange width to vary” check box, enter data as shown below.



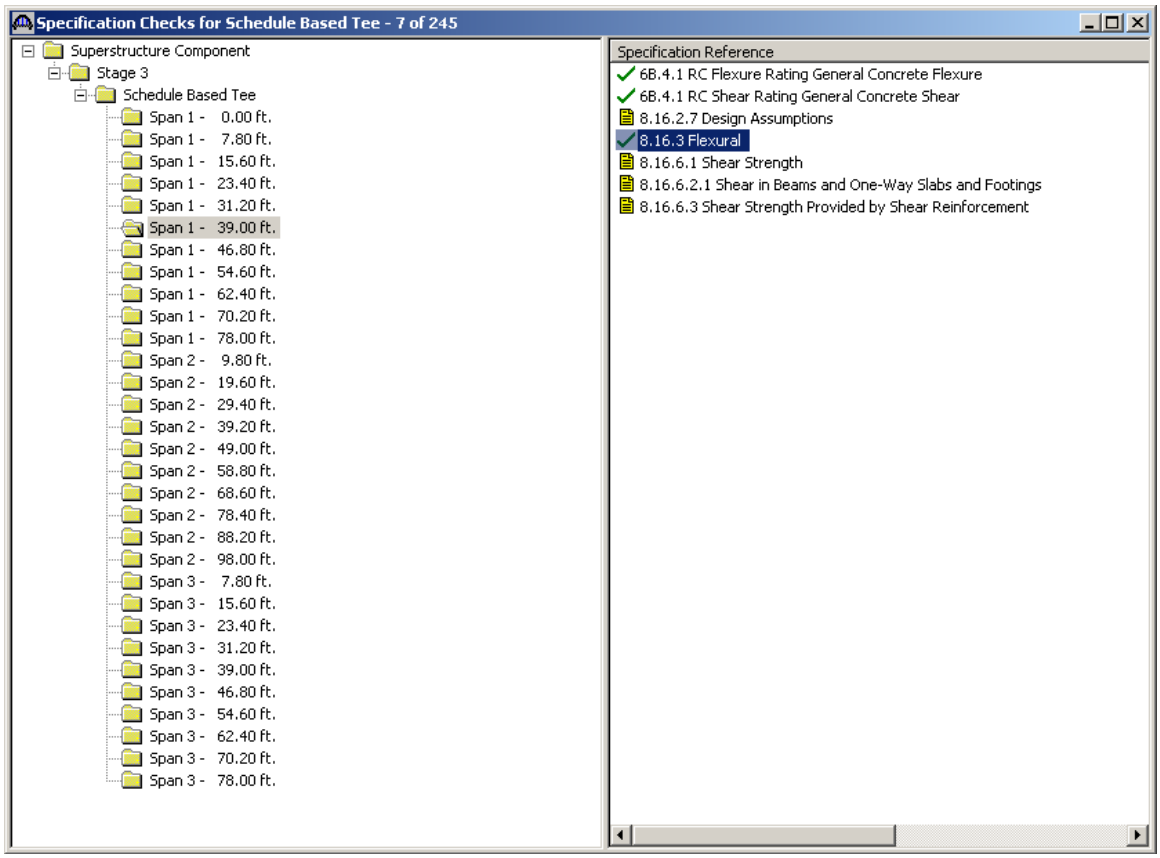
Select “Web Width” tab and enter constant web width as shown below.



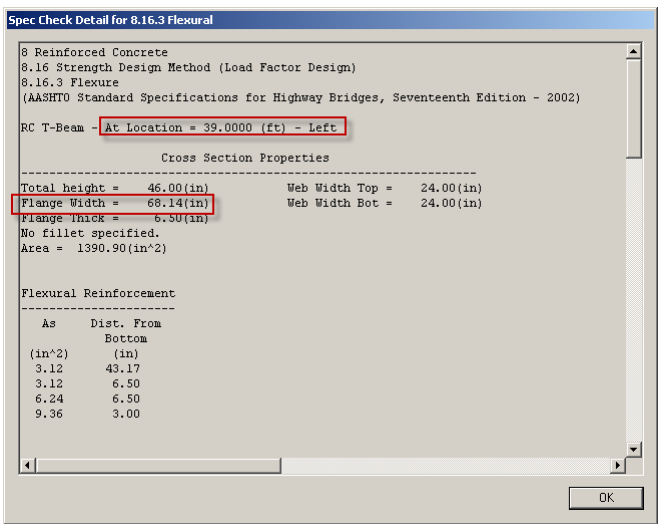
Click OK button to save the change to memory and close the window.
Do LFD rating with HS20. Click OK in analysis progress window when analysis is complete.

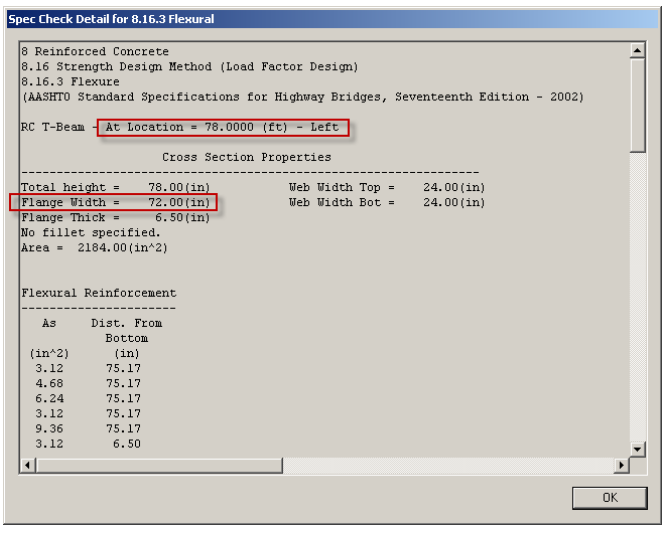


Click “View Spec Check”  button to view article list.



Compare article “8.16.3 Flexural” at different locations, different flange widths are used for analysis.





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