| Member Deflection |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Moment of Inertia, $\mathrm{I}=\mathrm{bd}^{3} / 12=1701.000$ |  |  |  |  |  |
| $\begin{array}{rlr} \mathrm{E} & =1900000 \\ \mathrm{E}^{\prime}=\mathrm{E}^{*}\left(\mathrm{C}_{\mathrm{M}} \mathrm{C}_{\mathrm{t}} \mathrm{C}_{\mathrm{i}}\right) & = & 1900000 \end{array}$ |  |  |  |  |  |
|  |  |  |  |  |  |
| Mid Span Deflection |  |  |  |  |  |
| Loading | Ratio ${ }_{\text {allow }}$ | $\Delta_{\text {allowed }}$ | $\Delta_{\text {actual }}$ | Ratio ${ }_{\text {actual }}$ | Check |
| $\Delta_{\text {LL }}$ | 360 | 0.700 | 0.428 | L/588 | OK |
| $\Delta_{\text {TL }}$ | 240 | 1.050 | 1.032 | L/244 | OK |
| Cantilever Deflection |  |  |  |  |  |
| Loading | Ratio ${ }_{\text {allow }}$ | $\Delta_{\text {allowed }}$ | $\Delta_{\text {actual }}$ | Ratio ${ }_{\text {actual }}$ | Check |
| $\Delta_{\text {LL }}$ | 180 | 0.000 | 0.000 | N/A | OK |
| $\Delta_{\text {TL }}$ | 120 | 0.000 | 0.000 | N/A | OK |



