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Since 
$$F_{BD} = O$$
 (REPORTORCE MEMBER) THE LOAD CARPIED IN THE SIDES OF THE TRUSS DO NOT CHANGE!

FROM  $4|2...$  
$$\begin{bmatrix}
F_{AB} = W & T \\
F_{BC} = \frac{2}{V_{S}}W & T
\end{bmatrix}$$

$$F_{AD} = F_{CD} = W C$$

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