Ioats, which are larger.

The formula as given in strain sheet for tie E, is 
\[
\left(\frac{14w+10w'}{4} + w\right) = 10447"\]

Here he supposes that all of \(W\) goes to the right abutment, which is impossible. Since \(W\) is a concentrated load at the apex 8. only eight-four-tenths of it goes to the right abutment. And instead of \(\frac{14w'}{4}\), there should be \(\frac{12w'}{4}\). That is the formula should be 
\[
\frac{\left(\frac{7w}{4} + 12w' + 20\right)}{14} = 8476.0\]

I give this merely as an example of our differences.