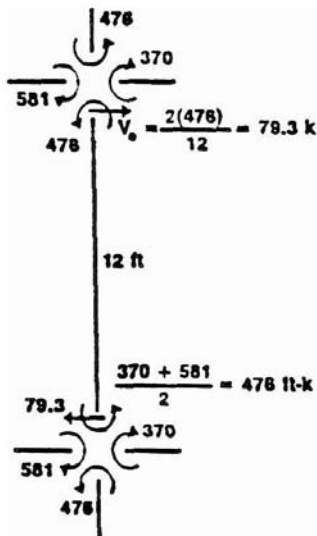
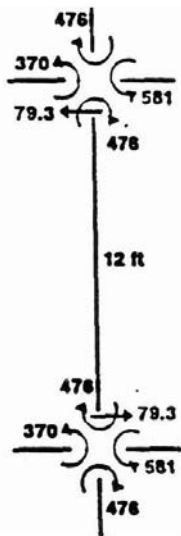


$$M_{pr}^- = 581 \text{ ft-k and } M_{pr}^+ = 370 \text{ ft-k}$$



Sidesway to right



Sidesway to left

$$V_e = 79.3 \text{ kips} < 86.7 \text{ kips}$$

Therefore, use $V_e = 79.3 \text{ kips}$.