

$$M_{b} = 15 \times - (10 \times 2) (x-1)$$

$$= 20 - 5 \times 0$$

$$M_{b}|_{x=2} = 10 \quad \text{kn-m}$$

$$M_{b}|_{x=3} = 5 \quad \text{kn-m}$$

$$\frac{\text{Sec } 3-3}{15 \text{kn}} \quad (3 \times x \times 4) - 20$$

$$\frac{\text{Flokin}}{15 \text{kn}} \quad x \quad \sqrt{9} \text{Mb}$$

$$V = 10 \times 2 + 20 - 15 = 25 \quad \text{kn}$$

$$M_{b}|_{x=4} = 15 \times - (20) (x-1) - 20 (x-3)$$

$$= 80 - 25 \times 0$$

$$M_{b}|_{x=4} = 5 \quad \text{kn-m}$$

$$M_{b}|_{x=4} = -20 \quad \text{kn-m}$$

$$\frac{\text{Sec } 4-4}{15 \times 10^{-10}} \quad (4 \times x \times 6) - \frac{1.5}{15}$$

$$\frac{\text{N}_{b}|_{x=4}}{15 \times 10^{-10}} \quad \frac{1.5}{15}$$

$$V = 0$$
 $M_{b} = -2.0 \text{ KN-m}$