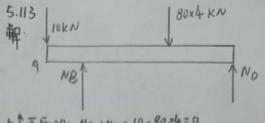
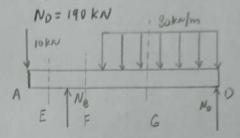


$$M = \begin{cases} 29.5 \% - 18. & 0 < \% < 1.2 \\ -20\%^2 + 77.5\% - 46.8 & 1.2 < \% < 3.6 \end{cases}$$

$$G_{\text{max}} = \frac{Mz}{S} = \frac{28.28}{624 \times 10^{-6}} = 45.32 \text{M/g}_{a}$$





$$M = \begin{cases} -10\% & 0 < \% < 1 \\ 130\% - 140 & 1 \le \% < 2 \\ -40\%^2 + 290\% - 300 & 2 \le \% < 6 \end{cases}$$

$$M_{\text{max}} = -40 \times \left(\frac{29}{8}\right)^2 + 290 \times \frac{29}{8} - 300 = 225.625 \text{ kN. m}$$

$$N = \frac{29}{8} = 3.625 \text{ m}$$

$$6 max = \frac{Mz}{S} = \frac{225.625}{3720 \times 10^{-9}} = 60.65 \text{ MPa}$$