

$$\begin{aligned}
 & -4341.61 \quad @ N10: M_y = \frac{-56.7974 \times (500 - 380.12)}{2} + \left(\frac{-80 + 56.7974}{2} \times \frac{(500 - 380.12)}{2} \right) \\
 & -4825.6 \quad @ N9 \quad M_y = \frac{-50 \times 35.12}{2} + \left(\frac{-56.7974 + 50}{2} \times 35.12 \right) \times \frac{1}{3} \\
 & -917.787 \quad @ N10 \quad M_y = \frac{-50 \times 35.12}{2} + \left(\frac{-56.7974 + 50}{2} \times 35.12 \right) \times \frac{1}{3}
 \end{aligned}$$

