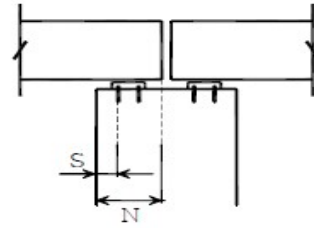
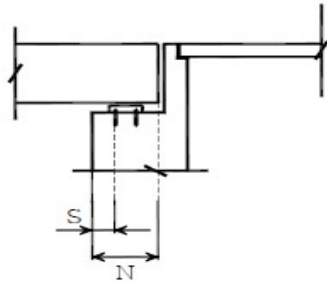


12. 지지길이평가



12.1 교대 1

1) 보유성능 : 교각의 받침지지길이 N_C

- $N_C = 1485.00 \text{ mm}$

2) 소요성능 N_D

- $N_D = \text{MAX}[\text{응답변위}, N_{\min}] = \text{MAX} [123.47 , 314.98]$
 $= 314.98 \text{ mm}$

- $N_{\min} = (200 + 1.67L + 6.66H) * (1 + 0.000125\theta^2) = 314.98 \text{ mm}$

$L = 50.00 \text{ m}$ (연속경간장)

$H = 4.727 \text{ m}$ (총 교각 유효높이 평균길이)

$\theta = 0^\circ$ (사각)

3) 평가

- $\frac{N_C}{N_D} = \frac{1485}{315} = 4.710 \geq 1.0 \quad \therefore \text{O.K}$