Project				Sheet No.	of	Sheets		
S.R.	Made By	Check by	Date	Supv				



Bridge & Structures
Design Calculations

Project				Sheet No. of Sheet		
S.R.			Date	Supv		



Bridge & Structures Design Calculations

Project				Sheet No.	Sheets	
S.R.	Made By	Check by	Date	Supv		1200 - 1700

the pages that follow are my actual calcs

Project				Sheet No. of Sheets			
S.R.	Made By	Check by	Date	Supv		100 to 100 to 1	

$$FS_{c} = \frac{1}{2} \frac{1$$

Project				Sheet No. of Sheet		
S.R.	Made By	Check by	Date	Supv		

$$\begin{array}{l}
\left(k_{\theta} \theta\right) W \left[\left(2_{0} \left(1+2.5\theta\right)+y_{r}\right)\theta+e_{1}+2_{w}-2_{r}c\right]+M_{0}t\right] \\
&=W \left[2_{0} \left(1+5\theta\right)+y_{r}\right] W \left(\theta-\omega\right) \\
W \left[\left(2_{0} \left(1+2.5\theta\right)+y_{r}\right)\theta+e_{1}+2_{w}-2_{c}c\right]+M_{0}t\right]\theta=W(\theta-\omega) \left[2_{0} \left(1+5\theta\right)+y_{r}\right] \\
Z_{0}\theta+\left(1+2.5\theta\right)+y_{r}\theta \\
Z_{0}\theta+2.5z_{0}\theta^{2}+y_{r}\theta \\
Z_{0}\theta+2.5z_{0}\theta^{2}+y_{r}\theta \\
Z_{0}\theta+2.5z_{0}\theta^{2}+y_{r}\theta \\
Z_{0}\theta+2.5z_{0}\theta^{2}+y_{r}\theta \\
Z_{0}\theta+2.5z_{0}\theta^{2}+y_{r}\theta \\
Z_{0}\theta+2.5z_{0}\theta^{2}+y_{r}\theta \\
Z_{0}\theta+3\left(2_{0}+3_{0}\theta+3_{0$$



Bridge & Structures Design Calculations

Project	Sheet No. of					
S.R.	Made By	Check by	Date	Supv		Sheets

$$y_{r}-4z_{0}$$

$$2.5z_{0}W\theta^{3}+W(x_{2}+y_{r})-5z_{0}\theta^{2}$$

$$1[W(e_{1}+z_{w}-z_{1}-z_{0}-y_{r}+5z_{2})+M_{0}+]\theta+W(z_{0}+y_{r})d=0$$

$$5z_{0}d=2c(5d-1)$$