



$I = 10,000 \text{ in}^4$   
 $E = 2906 \text{ ksi}$

BEAM ANAL

MAXIMUM (MINIMUM?)  
 DEFLECTION AND  
 WHERE IT OCCURS?

	BEAM ANAL	AELLC "LDM"	AELLC "BK"
DEFL @ S.S. SPAN	1.2012" ↓ c.x = 8.96'	1.2014" ↓ c.x = 9.01'	1.1870" ↓
DEFL @ CANT END	0.5424" ↑	0.5435" ↑	0.5435" ↑

THIS METHOD DOES NOT SHOW LOCATION.

DIFFERENCE  
 OF S.S.  $\Delta \approx$

$$= \frac{1.2014}{1.1870} = 1.0121 \approx 1.2\%$$