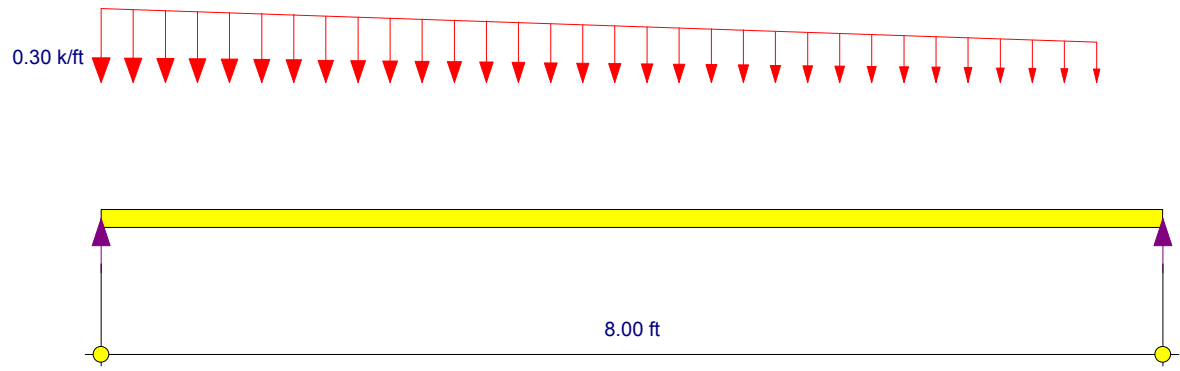




$M_{\max} = 1.15 \text{ k-ft at } 3.30 \text{ ft from left}$

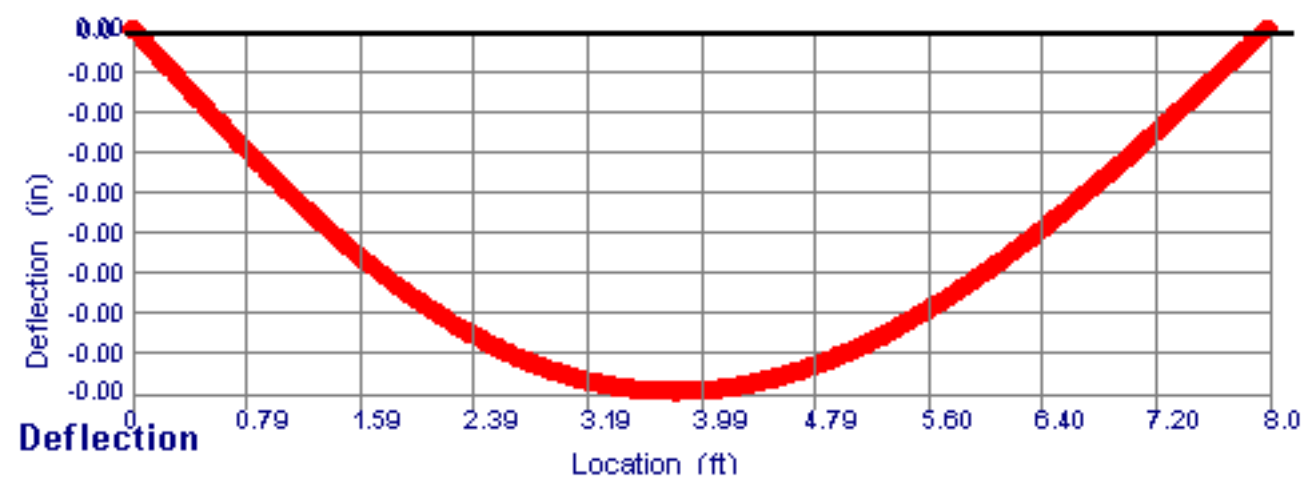
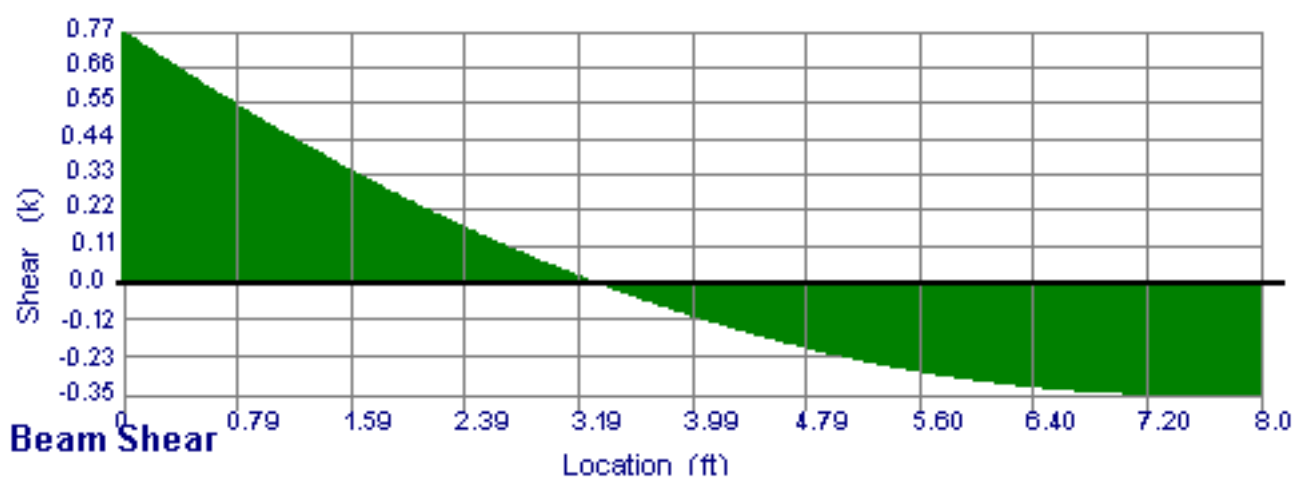
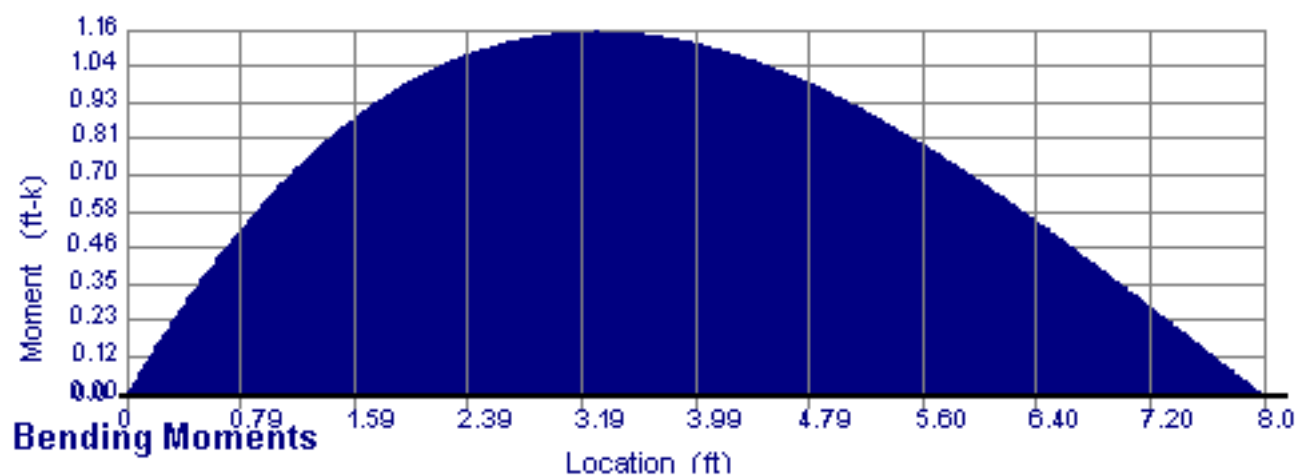
$D_{\max} = -0.0004 \text{ in at } 3.83 \text{ ft from left}$

$R_l = 0.773 \text{ k}$

$V_{\max @ \text{ left}} = 0.773 \text{ k}$

$R_r = 0.351 \text{ k}$

$V_{\max @ \text{ rt}} = 0.351 \text{ k}$



Title :
Dsgnr:
Description :

Job #
Date: 10:44PM, 23 JAN 14

Scope :

Single Span Beam Analysis

Page 1
:

Description

General Information

Center Span	8.00 ft	Moment of Inertia	1,000.000 in4
Left Cantilever	ft	Elastic Modulus	29,000 ksi
Right Cantilever	ft	Beam End Fixity	Pin-Pin

Trapezoidal Loads

Magnitude @ Left	0.300 k/ft	k/ft	k/ft	k/ft
Magnitude @ Right	k/ft	k/ft	k/ft	k/ft
Dist. To Left Side	ft	ft	ft	ft
Dist. To Right Side	7.500 ft	ft	ft	ft

Query Values

Center Location	0.000 ft	Left Cant	0.000 ft	Right Cant	0.000 ft
Moment	0.00 k-ft		0.00 k-ft		0.00 k-ft
Shear	0.77 k		0.00 k		0.00 k
Deflection	0.00000 in		0.00000 in		0.00000 in

Summary

Moments...				Shears...		Reactions...	
Max + @ Center	1.16 k-ft	at	3.30 ft	@ Left	0.77 k	@ Left	0.77 k
Max - @ Center	0.00 k-ft	at	0.00 ft	@ Right	0.35 k	@ Right	0.35 k
@ Left Cant	0.00 k-ft			Maximum	0.77 k		
@ Right Cant	0.00 k-ft			Deflections...			
Maximum =	1.16 k-ft			@ Center	-0.000 in	at	3.83 ft
				@ Left Cant.	0.000 in	at	0.00 ft
				@ Right Cant	0.000 in	at	0.00 ft