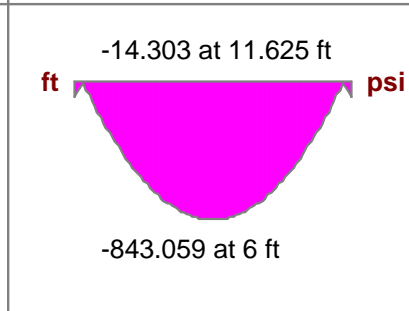
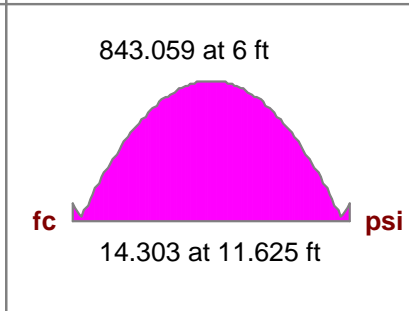
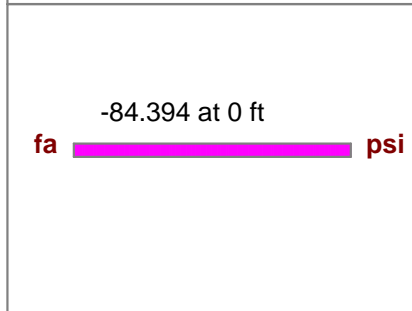
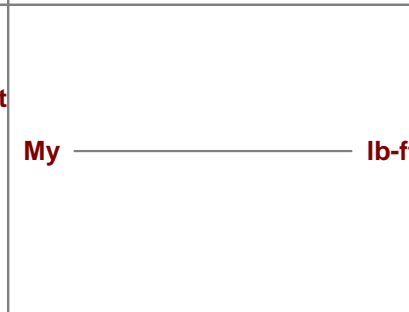
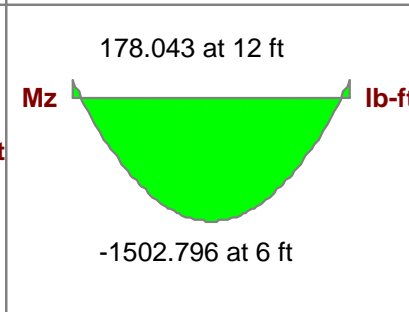
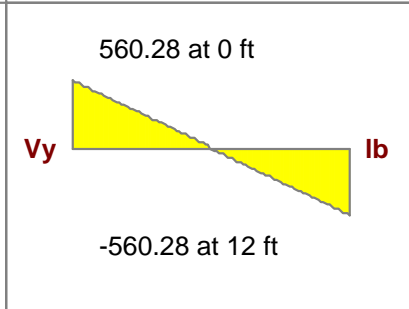
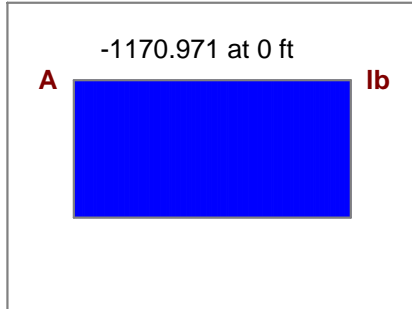
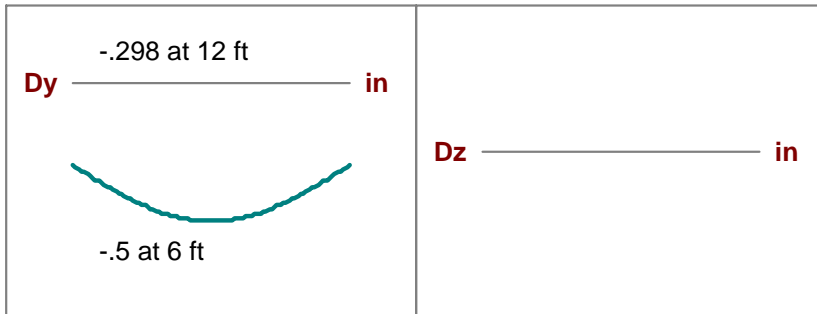


Beam: **M10**

Shape: **2X10**  
 Material: **DF SS**  
 Length: **12 ft**  
 I Joint: **N10**  
 J Joint: **N11**

**LC 1:**

Code Check: **0.453 (bending)**  
 Report Based On 97 Sections



**AF&PA NDS-12: ASD Code Check**

Max Bending Check	<b>0.453</b>	Max Shear Check	<b>0.293 (y)</b>
Location	<b>6 ft</b>	Location	<b>12 ft</b>
Equation	<b>3.9-1</b>	Max Defl Ratio	<b>L/712</b>
CD	<b>1.15</b>	RB	<b>4.967</b>
Cr	<b>1.15</b>	Cfu	<b>1.2</b>
		CL	<b>.997</b>
		CP	<b>.751</b>

	(psi)	Cm	Ct	CF
Fc'	<b>1468.294</b>	<b>1</b>	<b>1</b>	<b>1</b>
Ft'	<b>1265</b>	<b>1</b>	<b>1</b>	<b>1.1</b>
Fb1'	<b>2174.64</b>	<b>1</b>	<b>1</b>	<b>1.1</b>
Fb2'	<b>2618.55</b>	<b>1</b>	<b>1</b>	<b>1.1</b>
Fv'	<b>207</b>	<b>1</b>	<b>1</b>	
E'	<b>1.9e+6</b>	<b>1</b>	<b>1</b>	

	y-y	z-z
Lb	<b>.5 ft</b>	<b>12 ft</b>
le/d	<b>4</b>	<b>15.568</b>
Sway	<b>No</b>	<b>No</b>
Le-Bending Top	<b>.5 ft</b>	
Le-Bending Bot	<b>12 ft</b>	