

Beam: **M1494**

Shape: **2X10**

Material: **Rules 15 DF_Constr**

Length: **13.333 ft**

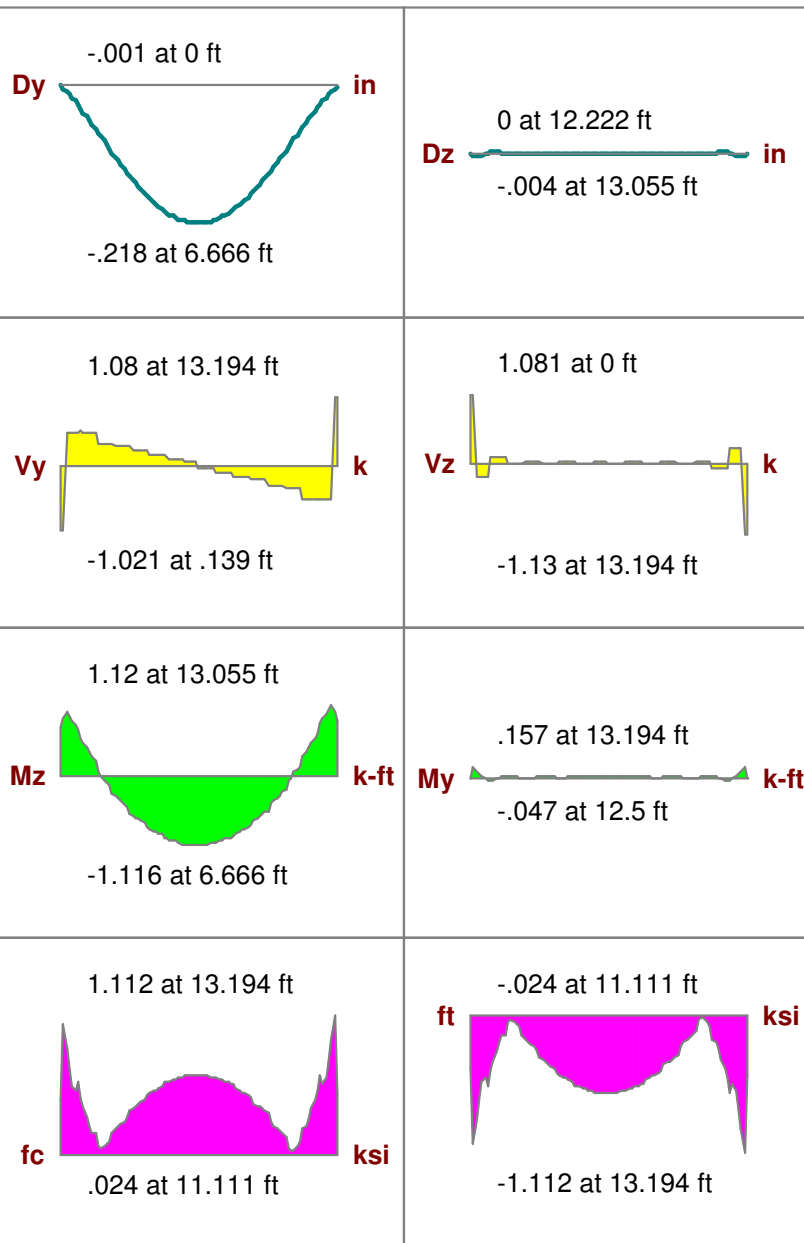
I Joint: **N1902**

J Joint: **N1903**

LC 2: ASCE 2

Code Check: **1.089 (bending)**

Report Based On 97 Sections



AF&PA NDS-05/08: ASD Code Check

Max Bending Check **1.089**
Location **13.194 ft**
Equation **3.9-3**

Max Shear Check **1.023 (z)**
Location **13.194 ft**
Max Defl Ratio **L/740**

CD **1** RB **25.647**
Cr **1.15** Cfu **1.2**

CL **.446**
CP **.724**

	(ksi)	Cm	Ct	CF
Fc'	.869	1	1	1
Ft'	1.1	1	1	1.1
Fb1'	.846	1	1	1.1
Fb2'	2.277	1	1	1.1
Fv'	.12	1	1	
E'	1320	1	1	

Lb **1 ft** z-z **13.333 ft**
le/d **8** **17.297**
Sway **No** **No**
Le-Bending Top **1 ft**
Le-Bending Bot **13.333 ft**