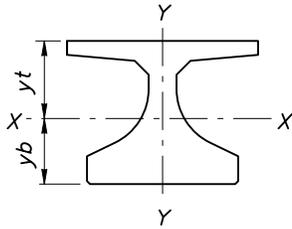
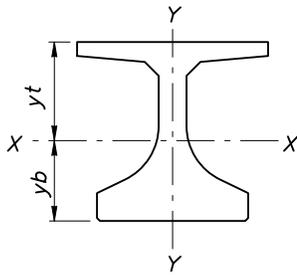


## FLORIDA-I BEAMS



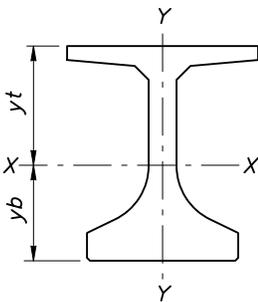
**F.I.B.-36**  
 (INDEX 20036)

<b>SECTION PROPERTIES</b>	
Area (in <sup>2</sup> )	806.58
Perimeter (in)	206.57
I <sub>xx</sub> (in <sup>4</sup> )	127,564
I <sub>yy</sub> (in <sup>4</sup> )	81,131
yt (in.)	19.51
yb (in.)	16.49



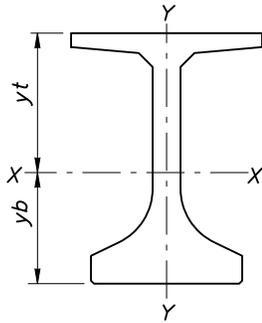
**F.I.B.-45**  
 (INDEX 20045)

<b>SECTION PROPERTIES</b>	
Area (in <sup>2</sup> )	869.58
Perimeter (in)	224.57
I <sub>xx</sub> (in <sup>4</sup> )	226,625
I <sub>yy</sub> (in <sup>4</sup> )	81,397
yt (in.)	24.79
yb (in.)	20.21



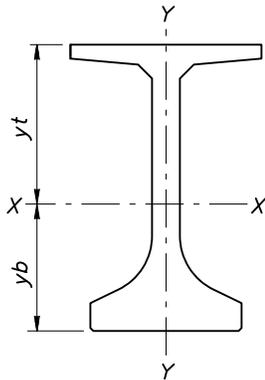
**F.I.B.-54**  
 (INDEX 20054)

<b>SECTION PROPERTIES</b>	
Area (in <sup>2</sup> )	932.58
Perimeter (in)	242.57
I <sub>xx</sub> (in <sup>4</sup> )	360,041
I <sub>yy</sub> (in <sup>4</sup> )	81,656
yt (in.)	29.97
yb (in.)	24.03



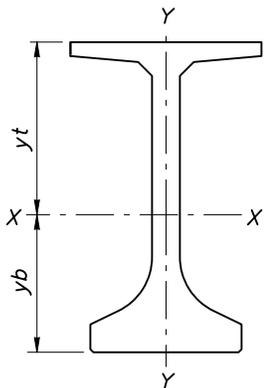
**F.I.B.-63**  
**(INDEX 20063)**

<b>SECTION PROPERTIES</b>	
Area (in <sup>2</sup> )	995.58
Perimeter (in)	260.57
I <sub>xx</sub> (in <sup>4</sup> )	530,560
I <sub>yy</sub> (in <sup>4</sup> )	81,919
y <sub>t</sub> (in.)	35.06
y <sub>b</sub> (in.)	27.94



**F.I.B.-72**  
**(INDEX 20072)**

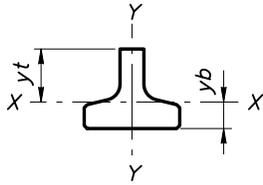
<b>SECTION PROPERTIES</b>	
Area (in <sup>2</sup> )	1,058.58
Perimeter (in)	278.57
I <sub>xx</sub> (in <sup>4</sup> )	740,895
I <sub>yy</sub> (in <sup>4</sup> )	82,187
y <sub>t</sub> (in.)	40.09
y <sub>b</sub> (in.)	31.91



**F.I.B.-78**  
**(INDEX 20078)**

<b>SECTION PROPERTIES</b>	
Area (in <sup>2</sup> )	1,100.58
Perimeter (in)	290.57
I <sub>xx</sub> (in <sup>4</sup> )	904,567
I <sub>yy</sub> (in <sup>4</sup> )	82,367
y <sub>t</sub> (in.)	43.40
y <sub>b</sub> (in.)	34.60

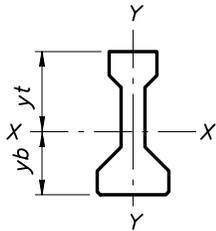
## INVERTED-T BEAMS



**INVERTED-T BEAM**  
 (INDEX 20320)

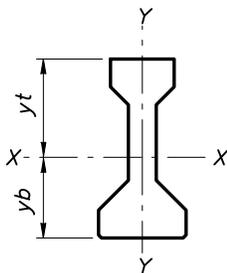
<b>SECTION PROPERTIES*</b>	
Area (in <sup>2</sup> )	256.7
I <sub>xx</sub> (in <sup>4</sup> )	7,138
I <sub>yy</sub> (in <sup>4</sup> )	8,279
yt (in.)	13.21
yb (in.)	6.79

## AASHTO BEAMS



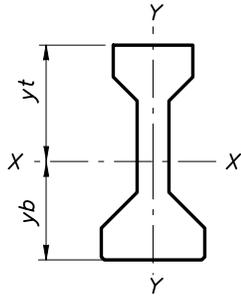
**AASHTO TYPE II BEAM**  
 (INDEX 20120)

<b>SECTION PROPERTIES*</b>	
Area (in <sup>2</sup> )	369
I <sub>xx</sub> (in <sup>4</sup> )	50,979
I <sub>yy</sub> (in <sup>4</sup> )	5,333
yt (in.)	20.17
yb (in.)	15.83



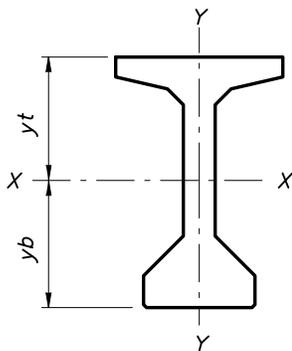
**AASHTO TYPE III BEAM**  
 (INDEX 20130)

<b>SECTION PROPERTIES*</b>	
Area (in <sup>2</sup> )	559.5
I <sub>xx</sub> (in <sup>4</sup> )	125,390
I <sub>yy</sub> (in <sup>4</sup> )	12,217
yt (in.)	24.73
yb (in.)	20.27



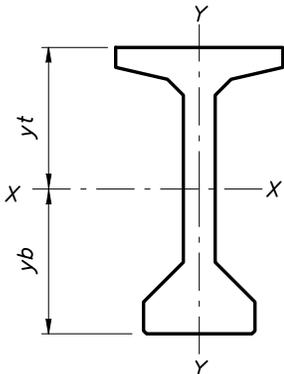
<b>SECTION PROPERTIES*</b>	
Area (in <sup>2</sup> )	789
I <sub>xx</sub> (in <sup>4</sup> )	260,741
I <sub>yy</sub> (in <sup>4</sup> )	24,377
y <sub>t</sub> (in.)	29.27
y <sub>b</sub> (in.)	24.73

**AASHTO TYPE IV BEAM**  
 (INDEX 20140)



<b>SECTION PROPERTIES*</b>	
Area (in <sup>2</sup> )	1,013
I <sub>xx</sub> (in <sup>4</sup> )	521,163
I <sub>yy</sub> (in <sup>4</sup> )	61,236
y <sub>t</sub> (in.)	31.04
y <sub>b</sub> (in.)	31.96

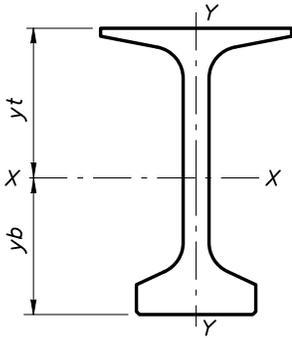
**AASHTO TYPE V BEAM**  
 (INDEX 20150)



<b>SECTION PROPERTIES*</b>	
Area (in <sup>2</sup> )	1,085
I <sub>xx</sub> (in <sup>4</sup> )	733,320
I <sub>yy</sub> (in <sup>4</sup> )	61,621
y <sub>t</sub> (in.)	35.62
y <sub>b</sub> (in.)	36.38

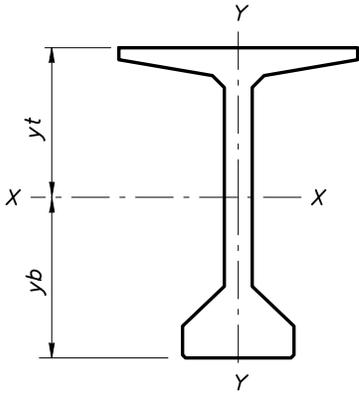
**AASHTO TYPE VI BEAM**  
 (INDEX 20160)

## FLORIDA BULB-T BEAMS



FLORIDA BULB-T 72 BEAM  
 (INDEX 20172)

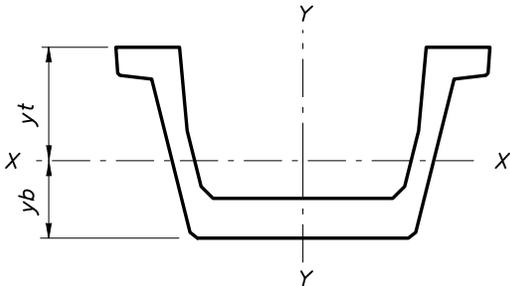
SECTION PROPERTIES*	
Area (in <sup>2</sup> )	901
I <sub>xx</sub> (in <sup>4</sup> )	639,096
I <sub>yy</sub> (in <sup>4</sup> )	51,749
yt (in.)	37.65
y <sub>b</sub> (in.)	34.35



FLORIDA BULB-T 78 BEAM  
 (INDEX 20178)

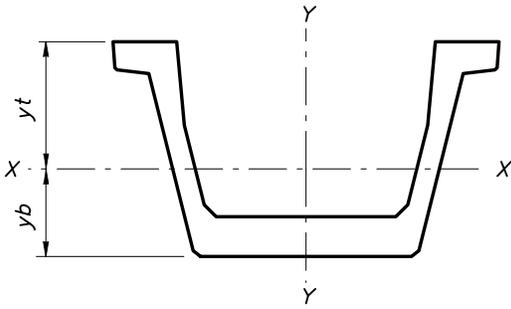
SECTION PROPERTIES*	
Area (in <sup>2</sup> )	1,105
I <sub>xx</sub> (in <sup>4</sup> )	935,544
I <sub>yy</sub> (in <sup>4</sup> )	99,339
yt (in.)	37.61
y <sub>b</sub> (in.)	40.39

## FLORIDA U BEAMS



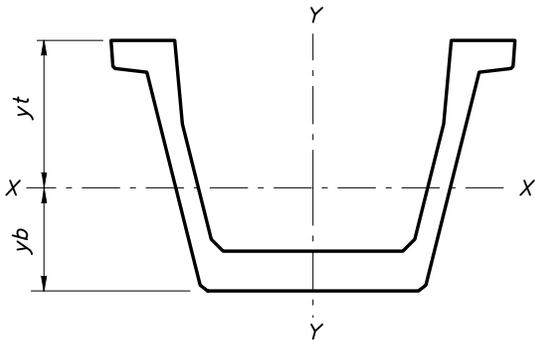
FLORIDA U 48 BEAM  
 (INDEX 20248)

SECTION PROPERTIES*	
Area (in <sup>2</sup> )	1,208.6
I <sub>xx</sub> (in <sup>4</sup> )	32,2376
I <sub>yy</sub> (in <sup>4</sup> )	909,447
yt (in.)	28.55
y <sub>b</sub> (in.)	19.45



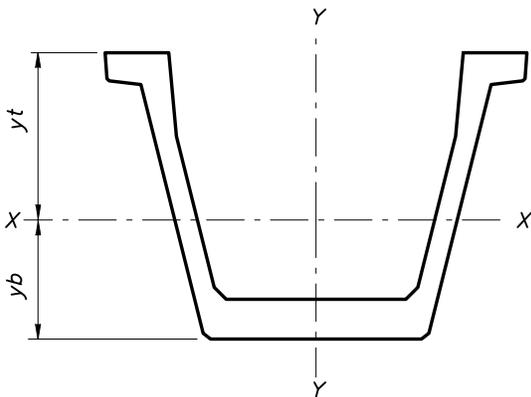
FLORIDA U 54 BEAM  
 (INDEX 20254)

<b>SECTION PROPERTIES*</b>	
Area (in <sup>2</sup> )	1,276.8
I <sub>xx</sub> (in <sup>4</sup> )	440,903
I <sub>yy</sub> (in <sup>4</sup> )	1,029,450
y <sub>t</sub> (in.)	32.00
y <sub>b</sub> (in.)	22.00



FLORIDA U 63 BEAM  
 (INDEX 20263)

<b>SECTION PROPERTIES*</b>	
Area (in <sup>2</sup> )	1,379.2
I <sub>xx</sub> (in <sup>4</sup> )	661,336
I <sub>yy</sub> (in <sup>4</sup> )	1,225,948
y <sub>t</sub> (in.)	37.08
y <sub>b</sub> (in.)	25.92

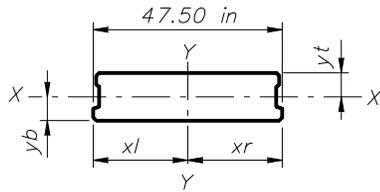


FLORIDA U 72 BEAM  
 (INDEX 20272)

<b>SECTION PROPERTIES*</b>	
Area (in <sup>2</sup> )	1,481.6
I <sub>xx</sub> (in <sup>4</sup> )	936,809
I <sub>yy</sub> (in <sup>4</sup> )	1,443,159
y <sub>t</sub> (in.)	42.09
y <sub>b</sub> (in.)	29.91

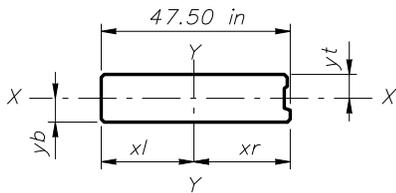
\* These sections properties are based on gross section properties and neglect the 3/4" chamfers in the bottom flanges.

## PRESTRESSED SLAB UNITS



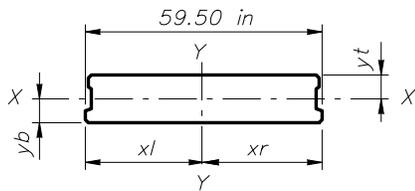
**12" X 48"**  
**PRESTRESSED SLAB UNIT**  
**INTERIOR UNIT**  
**(INDEX 20354)**

<b>SECTION PROPERTIES</b>	
Area (in <sup>2</sup> )	547.51
I <sub>xx</sub> (in <sup>4</sup> )	6,663
I <sub>yy</sub> (in <sup>4</sup> )	95,169
y <sub>t</sub> (in.)	6.04
y <sub>b</sub> (in.)	5.96
x <sub>l</sub> (in.)	23.75
x <sub>r</sub> (in.)	23.75



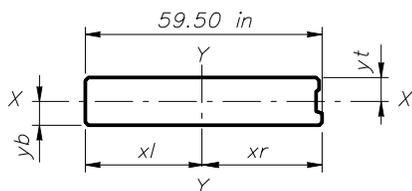
**12" X 48"**  
**PRESTRESSED SLAB UNIT**  
**EXTERIOR UNIT**  
**(INDEX 20354)**

<b>SECTION PROPERTIES</b>	
Area (in <sup>2</sup> )	558.20
I <sub>xx</sub> (in <sup>4</sup> )	6,733
I <sub>yy</sub> (in <sup>4</sup> )	100,753
y <sub>t</sub> (in.)	6.02
y <sub>b</sub> (in.)	5.98
x <sub>l</sub> (in.)	23.31
x <sub>r</sub> (in.)	24.19



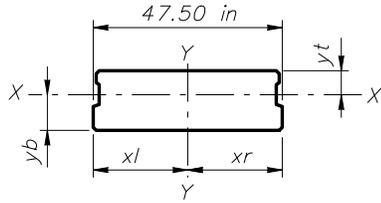
**12" X 60"**  
**PRESTRESSED SLAB UNIT**  
**INTERIOR UNIT**  
**(INDEX 20355)**

<b>SECTION PROPERTIES</b>	
Area (in <sup>2</sup> )	691.51
I <sub>xx</sub> (in <sup>4</sup> )	8,391
I <sub>yy</sub> (in <sup>4</sup> )	191,598
y <sub>t</sub> (in.)	6.03
y <sub>b</sub> (in.)	5.97
x <sub>l</sub> (in.)	29.75
x <sub>r</sub> (in.)	29.75



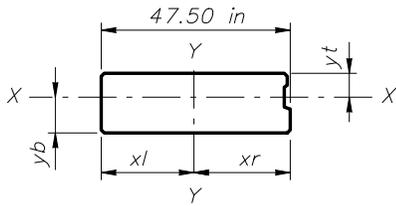
**12" X 60"**  
**PRESTRESSED SLAB UNIT**  
**EXTERIOR UNIT**  
**(INDEX 20355)**

<b>SECTION PROPERTIES</b>	
Area (in <sup>2</sup> )	702.20
I <sub>xx</sub> (in <sup>4</sup> )	8,461
I <sub>yy</sub> (in <sup>4</sup> )	200,488
y <sub>t</sub> (in.)	6.02
y <sub>b</sub> (in.)	5.98
x <sub>l</sub> (in.)	29.31
x <sub>r</sub> (in.)	30.19



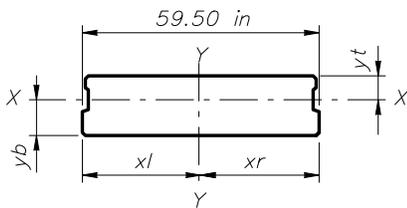
**15" X 48"**  
**PRESTRESSED SLAB UNIT**  
**INTERIOR UNIT**  
**(INDEX 20364)**

<b>SECTION PROPERTIES</b>	
Area (in <sup>2</sup> )	690.01
I <sub>xx</sub> (in <sup>4</sup> )	13,045
I <sub>yy</sub> (in <sup>4</sup> )	121,963
y <sub>t</sub> (in.)	7.58
y <sub>b</sub> (in.)	7.42
x <sub>l</sub> (in.)	23.75
x <sub>r</sub> (in.)	23.75



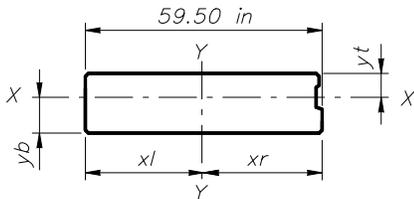
**15" X 48"**  
**PRESTRESSED SLAB UNIT**  
**EXTERIOR UNIT**  
**(INDEX 20364)**

<b>SECTION PROPERTIES</b>	
Area (in <sup>2</sup> )	700.70
I <sub>xx</sub> (in <sup>4</sup> )	13,174
I <sub>yy</sub> (in <sup>4</sup> )	127,570
y <sub>t</sub> (in.)	7.54
y <sub>b</sub> (in.)	7.46
x <sub>l</sub> (in.)	23.40
x <sub>r</sub> (in.)	24.10



**15" X 60"**  
**PRESTRESSED SLAB UNIT**  
**INTERIOR UNIT**  
**(INDEX 20365)**

<b>SECTION PROPERTIES</b>	
Area (in <sup>2</sup> )	870.01
I <sub>xx</sub> (in <sup>4</sup> )	16,421
I <sub>yy</sub> (in <sup>4</sup> )	244,262
y <sub>t</sub> (in.)	7.56
y <sub>b</sub> (in.)	7.44
x <sub>l</sub> (in.)	29.75
x <sub>r</sub> (in.)	29.75



**15" X 60"**  
**PRESTRESSED SLAB UNIT**  
**EXTERIOR UNIT**  
**(INDEX 20365)**

<b>SECTION PROPERTIES</b>	
Area (in <sup>2</sup> )	880.70
I <sub>xx</sub> (in <sup>4</sup> )	16,549
I <sub>yy</sub> (in <sup>4</sup> )	253,190
y <sub>t</sub> (in.)	7.53
y <sub>b</sub> (in.)	7.47
x <sub>l</sub> (in.)	29.40
x <sub>r</sub> (in.)	30.10