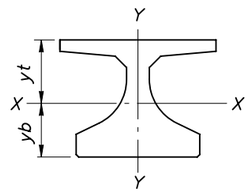
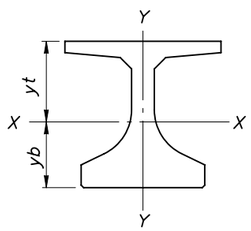


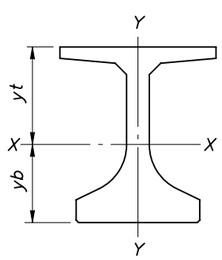
F.I.B.-36
(INDEX NO. 20036)

SECTION PROPERTIES	
Area (in^2)	806.58
Perimeter (in)	206.57
Ixx (in^4)	127,564
Iyy (in^4)	81,131
yt (in.)	19.51
yb (in.)	16.49



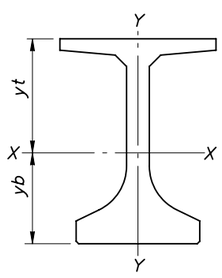
F.I.B.-45
(INDEX NO. 20045)

SECTION PROPERTIES	
Area (in^2)	869.58
Perimeter (in)	224.57
Ixx (in^4)	226,625
Iyy (in^4)	81,397
yt (in.)	24.79
yb (in.)	20.21



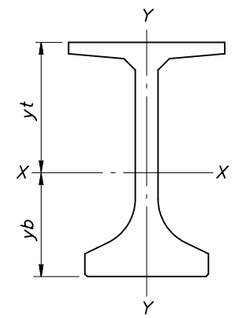
F.I.B.-54
(INDEX NO. 20054)

SECTION PROPERTIES	
Area (in^2)	932.58
Perimeter (in)	242.57
Ixx (in^4)	360,041
Iyy (in^4)	81,656
yt (in.)	29.97
yb (in.)	24.03



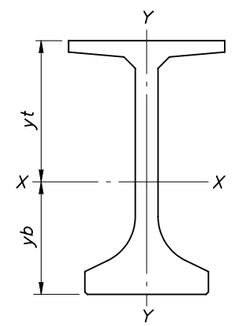
F.I.B.-63
(INDEX NO. 20063)

SECTION PROPERTIES	
Area (in^2)	995.58
Perimeter (in)	260.57
Ixx (in^4)	530,560
Iyy (in^4)	81,919
yt (in.)	35.06
yb (in.)	27.94



F.I.B.-72
(INDEX NO. 20072)

SECTION PROPERTIES	
Area (in^2)	1,058.58
Perimeter (in)	278.57
Ixx (in^4)	740,895
Iyy (in^4)	82,187
yt (in.)	40.09
yb (in.)	31.91

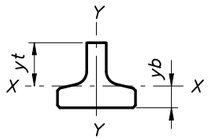


F.I.B.-78
(INDEX NO. 20078)

SECTION PROPERTIES	
Area (in^2)	1,100.58
Perimeter (in)	290.57
Ixx (in^4)	904,567
Iyy (in^4)	82,367
yt (in.)	43.40
yb (in.)	34.60

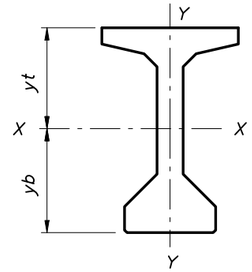
FLORIDA-I BEAM PROPERTIES

SHEET NO.
1 OF 1



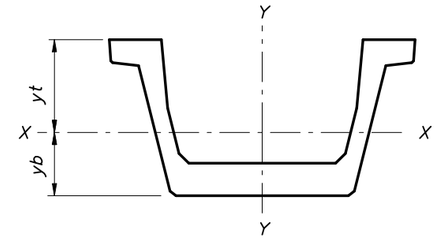
INVERTED-T BEAM
(INDEX NO. 20320)

SECTION PROPERTIES	
Area (in²)	256.7
Ixx (in⁴)	7,138
Iyy (in⁴)	8,279
yt (in.)	13.21
yb (in.)	6.79



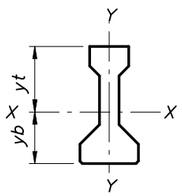
AASHTO TYPE V BEAM
(INDEX NO. 20150)

SECTION PROPERTIES	
Area (in²)	1,013
Ixx (in⁴)	521,163
Iyy (in⁴)	61,236
yt (in.)	31.04
yb (in.)	31.96



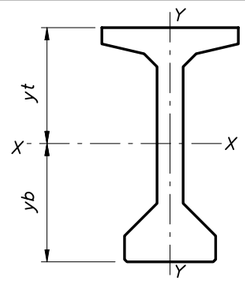
FLORIDA U 48 BEAM
(INDEX NO. 20248)

SECTION PROPERTIES	
Area (in²)	1,208.6
Ixx (in⁴)	32,2376
Iyy (in⁴)	909,447
yt (in.)	28.55
yb (in.)	19.45



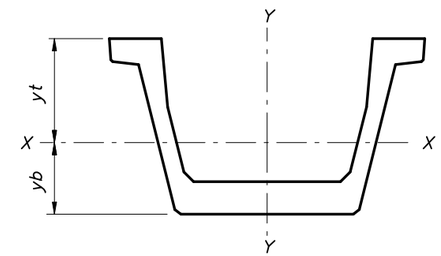
AASHTO TYPE II BEAM
(INDEX NO. 20120)

SECTION PROPERTIES	
Area (in²)	369
Ixx (in⁴)	50,979
Iyy (in⁴)	5,333
yt (in.)	20.17
yb (in.)	15.83



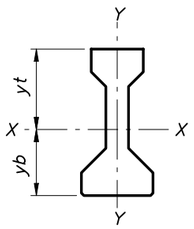
AASHTO TYPE VI BEAM
(INDEX NO. 20160)

SECTION PROPERTIES	
Area (in²)	1,085
Ixx (in⁴)	733,320
Iyy (in⁴)	61,621
yt (in.)	35.62
yb (in.)	36.38



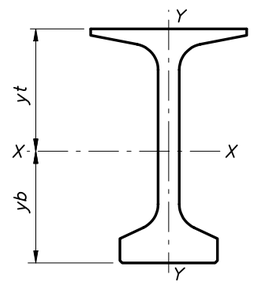
FLORIDA U 54 BEAM
(INDEX NO. 20254)

SECTION PROPERTIES	
Area (in²)	1,276.8
Ixx (in⁴)	440,903
Iyy (in⁴)	1,029,450
yt (in.)	32.00
yb (in.)	22.00



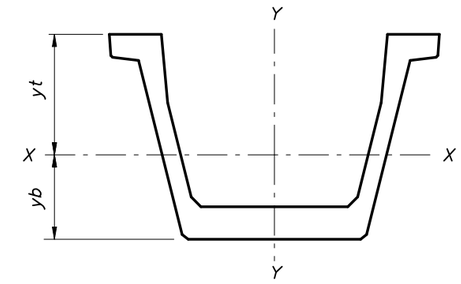
AASHTO TYPE III BEAM
(INDEX NO. 20130)

SECTION PROPERTIES	
Area (in²)	559.5
Ixx (in⁴)	125,390
Iyy (in⁴)	12,217
yt (in.)	24.73
yb (in.)	20.27



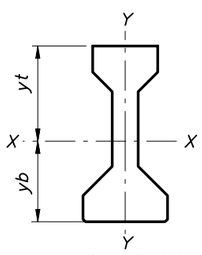
FLORIDA BULB-T 72 BEAM
(INDEX NO. 20172)

SECTION PROPERTIES	
Area (in²)	901
Ixx (in⁴)	639,096
Iyy (in⁴)	51,749
yt (in.)	37.65
yb (in.)	34.35



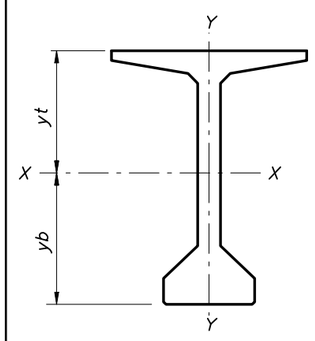
FLORIDA U 63 BEAM
(INDEX NO. 20263)

SECTION PROPERTIES	
Area (in²)	1,379.2
Ixx (in⁴)	661,336
Iyy (in⁴)	1,225,948
yt (in.)	37.08
yb (in.)	25.92



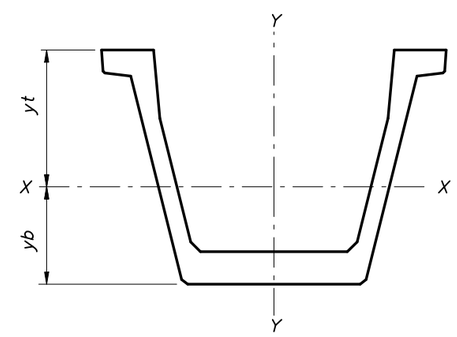
AASHTO TYPE IV BEAM
(INDEX NO. 20140)

SECTION PROPERTIES	
Area (in²)	789
Ixx (in⁴)	260,741
Iyy (in⁴)	24,377
yt (in.)	29.27
yb (in.)	24.73



FLORIDA BULB-T 78 BEAM
(INDEX NO. 20178)

SECTION PROPERTIES	
Area (in²)	1,105
Ixx (in⁴)	935,544
Iyy (in⁴)	99,339
yt (in.)	37.61
yb (in.)	40.39

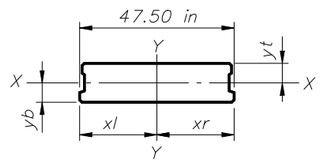


FLORIDA U 72 BEAM
(INDEX NO. 20272)

SECTION PROPERTIES	
Area (in²)	1,481.6
Ixx (in⁴)	936,809
Iyy (in⁴)	1,443,159
yt (in.)	42.09
yb (in.)	29.91

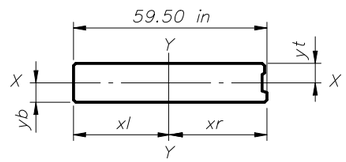
Note: These sections properties are based on gross section properties and neglect the ¾" chamfers in the bottom flanges.

PRESTRESSED BEAM PROPERTIES



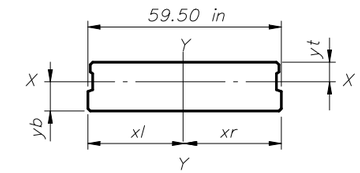
12" X 48"
PRESTRESSED SLAB UNIT
INTERIOR UNIT
(INDEX NO. 20354)

SECTION PROPERTIES	
Area (in²)	547.51
Ixx (in⁴)	6,663
Iyy (in⁴)	95,169
yt (in.)	6.04
yb (in.)	5.96
xl (in.)	23.75
xr (in.)	23.75



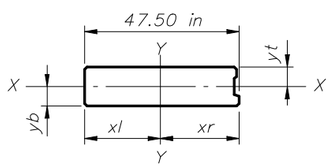
12" X 60"
PRESTRESSED SLAB UNIT
EXTERIOR UNIT
(INDEX NO. 20355)

SECTION PROPERTIES	
Area (in²)	702.20
Ixx (in⁴)	8,461
Iyy (in⁴)	200,488
yt (in.)	6.02
yb (in.)	5.98
xl (in.)	29.31
xr (in.)	30.19



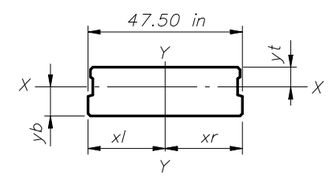
15" X 60"
PRESTRESSED SLAB UNIT
INTERIOR UNIT
(INDEX NO. 20365)

SECTION PROPERTIES	
Area (in²)	870.01
Ixx (in⁴)	16,421
Iyy (in⁴)	244,262
yt (in.)	7.56
yb (in.)	7.44
xl (in.)	29.75
xr (in.)	29.75



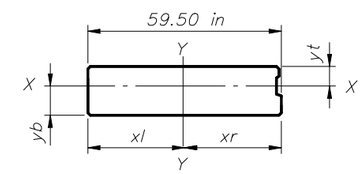
12" X 48"
PRESTRESSED SLAB UNIT
EXTERIOR UNIT
(INDEX NO. 20354)

SECTION PROPERTIES	
Area (in²)	558.20
Ixx (in⁴)	6,733
Iyy (in⁴)	100,753
yt (in.)	6.02
yb (in.)	5.98
xl (in.)	23.31
xr (in.)	24.19



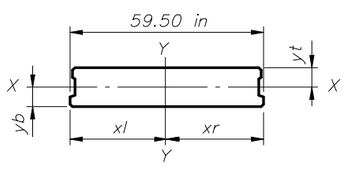
15" X 48"
PRESTRESSED SLAB UNIT
INTERIOR UNIT
(INDEX NO. 20364)

SECTION PROPERTIES	
Area (in²)	690.01
Ixx (in⁴)	13,045
Iyy (in⁴)	121,963
yt (in.)	7.58
yb (in.)	7.42
xl (in.)	23.75
xr (in.)	23.75



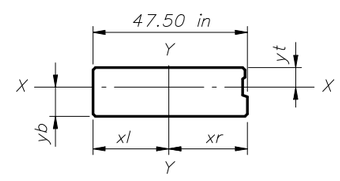
15" X 60"
PRESTRESSED SLAB UNIT
EXTERIOR UNIT
(INDEX NO. 20365)

SECTION PROPERTIES	
Area (in²)	880.70
Ixx (in⁴)	16,549
Iyy (in⁴)	253,190
yt (in.)	7.53
yb (in.)	7.47
xl (in.)	29.40
xr (in.)	30.10



12" X 60"
PRESTRESSED SLAB UNIT
INTERIOR UNIT
(INDEX NO. 20355)

SECTION PROPERTIES	
Area (in²)	691.51
Ixx (in⁴)	8,391
Iyy (in⁴)	191,598
yt (in.)	6.03
yb (in.)	5.97
xl (in.)	29.75
xr (in.)	29.75



15" X 48"
PRESTRESSED SLAB UNIT
EXTERIOR UNIT
(INDEX NO. 20364)

SECTION PROPERTIES	
Area (in²)	700.70
Ixx (in⁴)	13,174
Iyy (in⁴)	127,570
yt (in.)	7.54
yb (in.)	7.46
xl (in.)	23.40
xr (in.)	24.10

PRESTRESSED SLAB UNIT PROPERTIES

SHEET NO.
1 of 1