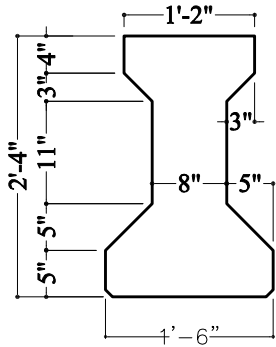
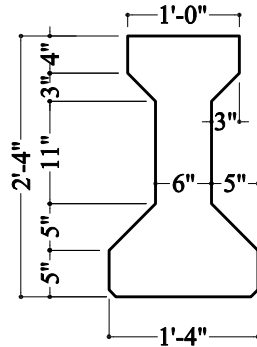


**Family of AASHTO Beams**



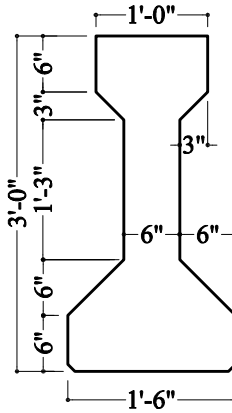
**Mod. I Beam**

A=332 in<sup>2</sup>  
I<sub>x-x</sub>=26,495 in<sup>4</sup>  
I<sub>y-y</sub>=5,222 in<sup>4</sup>  
Y<sub>b</sub>=12.83 in  
W<sub>t</sub>=346 plf



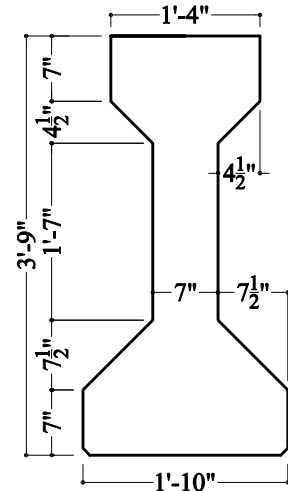
**Type I Beam**

A=276 in<sup>2</sup>  
I<sub>x-x</sub>=22,744 in<sup>4</sup>  
I<sub>y-y</sub>=3,352 in<sup>4</sup>  
Y<sub>b</sub>=12.59 in  
W<sub>t</sub>=288 plf



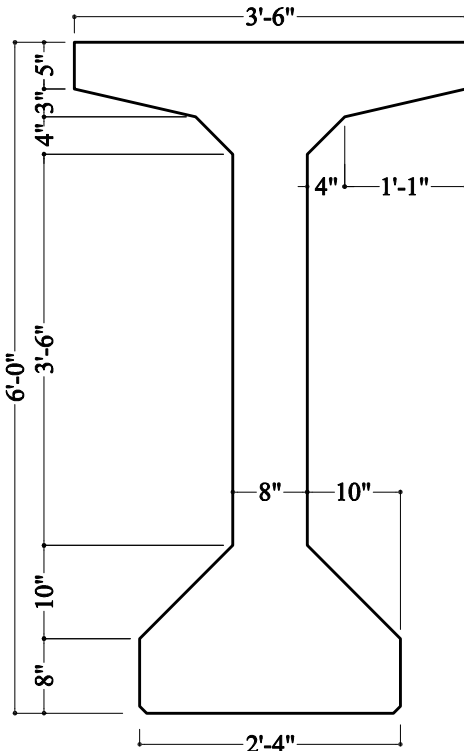
**Type II Beam**

A=369 in<sup>2</sup>  
I<sub>x-x</sub>=50,979 in<sup>4</sup>  
I<sub>y-y</sub>=5,333 in<sup>4</sup>  
Y<sub>b</sub>=15.83 in  
W<sub>t</sub>=384 plf



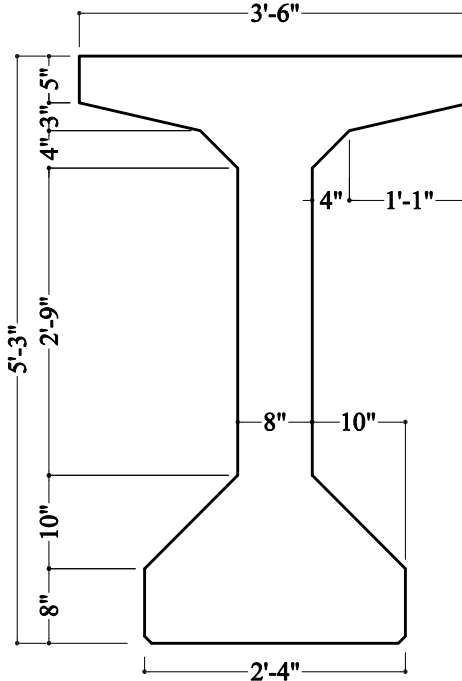
**Type III Beam**

A=559 in<sup>2</sup>  
I<sub>x-x</sub>=125,390 in<sup>4</sup>  
I<sub>y-y</sub>=12,217 in<sup>4</sup>  
Y<sub>b</sub>=20.27 in  
W<sub>t</sub>=583 plf



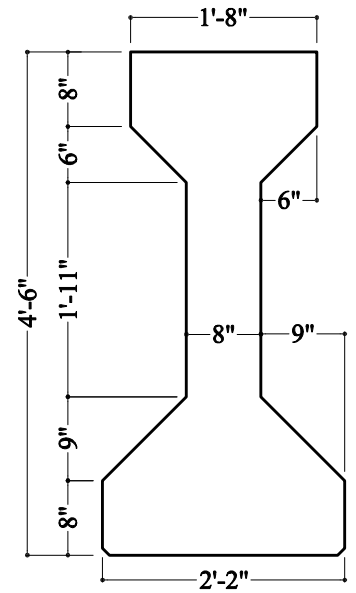
**Type VI Beam**

A=1085 in<sup>2</sup>  
I<sub>x-x</sub>=732,586 in<sup>4</sup>  
I<sub>y-y</sub>=61,513 in<sup>4</sup>  
Y<sub>b</sub>=36.39 in  
W<sub>t</sub>=1130 plf



**Type V Beam**

A=1,013 in<sup>2</sup>  
I<sub>x-x</sub>=520,597 in<sup>4</sup>  
I<sub>y-y</sub>=61,129 in<sup>4</sup>  
Y<sub>b</sub>=31.96 in  
W<sub>t</sub>=1,055 plf



**Type IV Beam**

A=789 in<sup>2</sup>  
I<sub>x-x</sub>=260,741 in<sup>4</sup>  
I<sub>y-y</sub>=24,374 in<sup>4</sup>  
Y<sub>b</sub>=24.73 in  
W<sub>t</sub>=822 plf

ALL WEIGHTS ARE NOMINAL.

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