



**SECTION PROPERTIES**

GIRDER SERIES	"D" (ft-in)	"h" (in)	Gross Area (in <sup>2</sup> )	"I <sub>CG</sub> " (in <sup>4</sup> )	"Y <sub>b</sub> " (in)	"Y <sub>t</sub> " (in)	"S <sub>b</sub> " (in <sup>3</sup> )	"S <sub>t</sub> " (in <sup>3</sup> )	r (in)	Weight (lbs/ft)
CA 136	3'-0"	15	432	63,000	17.1	18.9	3,684.2	3,333.3	12.1	450
CA 142	3'-6"	21	474	95,400	20.0	20.0	4,770.0	4,336.4	14.2	494
CA 148	4'-0"	27	516	136,400	22.8	25.2	5,982.5	5,412.7	16.3	538
CA 154	4'-6"	33	558	186,400	25.7	28.3	7,264.6	6,597.2	18.3	581
CA 160	5'-0"	39	600	246,900	28.6	31.4	8,832.9	7,863.1	20.3	625
CA 166	5'-6"	45	642	318,000	31.6	34.4	10,063.3	9,244.2	22.3	669



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**CALTRANS STANDARD**

FILE NAME: 070SCT17IPRTGRD.DWG

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**POST-TENSIONED  
 STANDARD I GIRDER  
 STRUCTURAL**

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