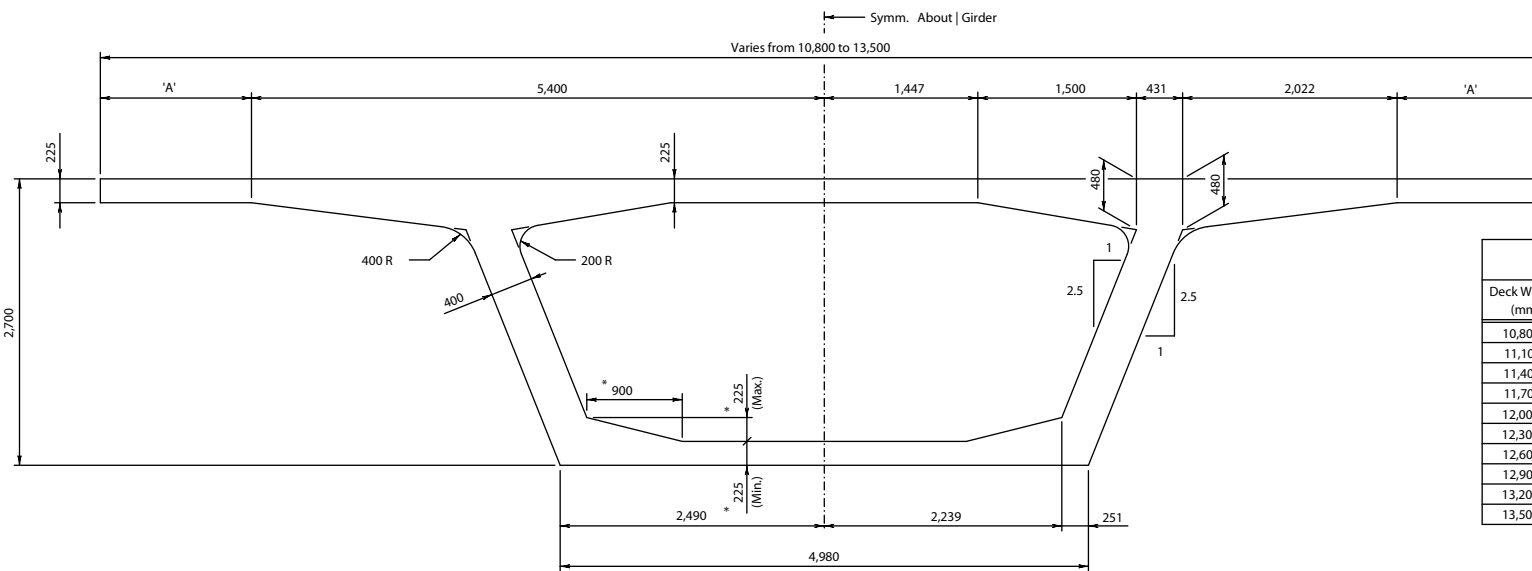


2700-1

2700-1					
Deck Width (mm)	'A' (mm)	Area (mm <sup>2</sup> )	Wt/3,000 mm (Kn)	Ix (m <sup>4</sup> )	Yt (mm)
8,400	0	5,471,000	401	5.368	1,021
8,700	150	5,539,000	405	5.423	1,010
9,000	300	5,606,000	410	5.477	999
9,300	450	5,674,000	415	5.530	989
9,600	600	5,741,000	420	5.581	978
9,900	750	5,809,000	425	5.632	968
10,200	900	5,876,000	430	5.681	958
10,500	1,050	5,944,000	435	5.729	949
10,800	1,200	6,011,000	440	5.776	939
11,100	1,350	6,079,000	445	5.822	930
11,400	1,500	6,146,000	450	5.867	921

NOTES:

1. Area denotes cross-sectional area.
2. Wt denotes segment weight for 3000 mm segment.
3. Ix denotes bending moment of inertia.
4. Yt denotes distance from the centroidal axis to the top of section.
5. \* Bottom slab thickness may increase to a maximum of 450 mm at piers. 900 mm dimension adjusts accordingly
6. \*\* For widths less than 8,400 mm, the 1,422 mm dimension is decreased. The depth of the slab at the edge of the segment increases accordingly.



2700-2

2700-2					
Deck Width (mm)	'A' (mm)	Area (mm <sup>2</sup> )	Wt/3,000 mm (Kn)	Ix (m <sup>4</sup> )	Yt (mm)
10,800	0	6,637,000	486	6.656	992
11,100	150	6,705,000	491	6.708	983
11,400	300	6,772,000	496	6.759	974
11,700	450	6,840,000	501	6.809	966
12,000	600	6,907,000	506	6.858	958
12,300	750	6,975,000	511	6.906	949
12,600	900	7,042,000	515	6.953	941
12,900	1,050	7,110,000	520	6.999	934
13,200	1,200	7,177,000	525	7.045	926
13,500	1,350	7,245,000	530	7.089	918

AASHTO - PCI - ASBI  
SEGMENTAL BOX GIRDER STANDARDS

FOR BALANCED CANTILEVER CONSTRUCTION  
SPANS 30.5 TO 61.0 METERS

2700 mm  
SEGMENT DEPTH