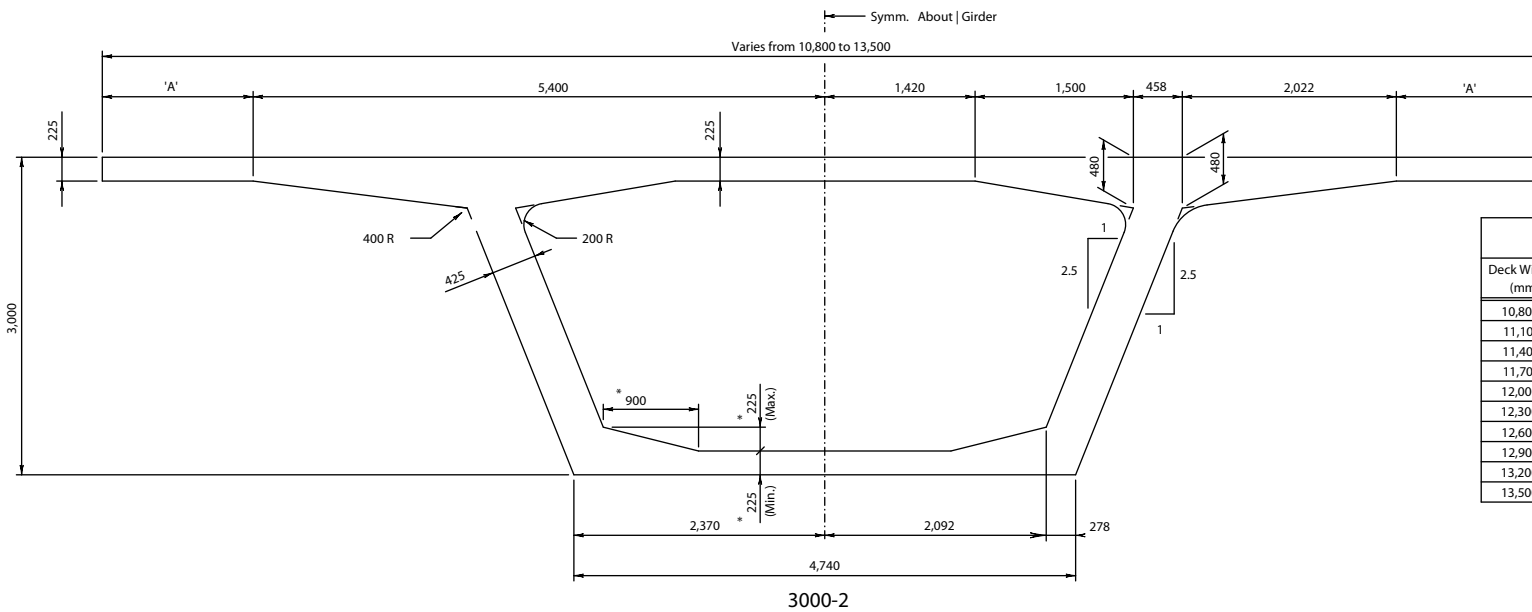


3000-1					
Deck Width (mm)	'A' (mm)	Area (mm ²)	Wt/3,000 mm (Kn)	I _x (m ⁴)	Y _t (mm)
8,400	0	5,797,000	424	6.897	1,137
8,700	150	5,865,000	429	6.968	1,125
9,000	300	5,932,000	434	7.036	1,114
9,300	450	6,000,000	439	7.104	1,102
9,600	600	6,067,000	444	7.169	1,091
9,900	750	6,135,000	449	7.234	1,081
10,200	900	6,202,000	454	7.296	1,070
10,500	1,050	6,270,000	459	7.358	1,060
10,800	1,200	6,337,000	464	7.418	1,050
11,100	1,350	6,405,000	469	7.477	1,040
11,400	1,500	6,472,000	474	7.535	1,030

NOTES:

1. Area denotes cross-sectional area.
2. Wt denotes segment weight for 3000 mm segment.
3. I_x denotes bending moment of inertia.
4. Y_t 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 1,370 mm dimension is decreased. The depth of the slab at the edge of the segment increases accordingly.



3000-2					
Deck Width (mm)	'A' (mm)	Area (mm ²)	Wt/3,000 mm (Kn)	I _x (m ⁴)	Y _t (mm)
10,800	0	6,980,000	511	8.540	1,105
11,100	150	7,047,000	516	8.606	1,095
11,400	300	7,115,000	521	8.671	1,086
11,700	450	7,182,000	526	8.735	1,077
12,000	600	7,250,000	531	8.797	1,068
12,300	750	7,317,000	536	8.858	1,059
12,600	900	7,385,000	541	8.919	1,051
12,900	1,050	7,452,000	545	8.978	1,042
13,200	1,200	7,520,000	550	9.036	1,034
13,500	1,350	7,587,000	555	9.093	1,026

AASHTO - PCI - ASBI
SEGMENTAL BOX GIRDER STANDARDS

FOR BALANCED CANTILEVER CONSTRUCTION
SPANS 30.5 TO 61.0 METERS

3000 mm
SEGMENT DEPTH