

Table 1: Girder Only

Shape	Width(b) in	Depth(d) in	Area(A) $in^2$	CG( $y_c$ ) in	$Ay_c$ $in^3$	$I_o$ $in^4$	I $in^4$
Top Flange	14.00	0.75	10.50	55.38	581.44	0.49	8995.83
Web	54.00	0.50	27.00	28.00	756.00	6561.00	6657.90
Bottom Flange	14.00	1.00	14.00	0.50	7.00	1.17	9180.21
	-	-	51.50	-	-	-	24833.94

Table 2: Composite Section (Short Term)

Shape	Width(b) in	Depth(d) in	Area(A) $in^2$	CG( $y_c$ ) in	$Ay_c$ $in^3$	$I_o$ $in^4$	I $in^4$
Top Flange	14.00	1.38	10.50	55.38	581.44	0.49	263.67
Web	54.00	0.50	27.00	28.00	756.00	6561.00	20070.48
Bottom Flange	14.00	1.38	14.00	0.50	7.00	1.17	34817.35
Slab	103.00	8.00	103.00	62.50	6437.50	549.33	15708.11
	-	-	154.50	-	-	-	70859.61

Table 3: Composite Section (Long Term)

Shape	Width(b) in	Depth(d) in	Area(A) $in^2$	CG( $y_c$ ) in	$Ay_c$ $in^3$	$I_o$ $in^4$	I $in^4$
Top Flange	14.00	2.62	10.50	55.38	581.44	0.49	2273.04
Web	54.00	0.50	27.00	28.00	756.00	6561.00	10890.73
Bottom Flange	14.00	2.62	14.00	0.50	7.00	1.17	22584.49
Slab	103.00	8.00	34.33	62.50	2145.83	183.11	16554.59
	-	-	85.83	-	-	-	52302.85

Table 4: Composite Section (Reinforcement Only)

Shape	Width(b) in	Depth(d) in	Area(A) $in^2$	CG( $y_c$ ) in	$Ay_c$ $in^3$	$I_o$ $in^4$	I $in^4$
Top Flange	14.00	0.75	10.50	55.38	581.44	0.49	5145.78
Web	54.00	0.50	27.00	28.00	756.00	6561.00	7301.92
Bottom Flange	14.00	1.00	14.00	0.50	7.00	1.17	15006.45
Reinforcement	-	-	12.77	62.00	791.86	0.00	10565.34
	-	-	64.27	-	-	-	38019.48

Table 5: Girder Only

Shape	Width(b) in	Depth(d) in	Area(A) $in^2$	CG( $y_c$ ) in	$Ay_c$ $in^3$	$I_o$ $in^4$	I $in^4$
Top Flange	14.00	1.38	19.25	56.06	1079.20	3.03	14760.04
Web	54.00	0.50	27.00	28.38	766.12	6561.00	6561.00
Bottom Flange	14.00	1.38	19.25	0.69	13.23	3.03	14760.04
	-	-	65.50	-	-	-	36081.08

Table 6: Composite Section (Short Term)

Shape	Width(b) in	Depth(d) in	Area(A) $in^2$	CG( $y_c$ ) in	$Ay_c$ $in^3$	$I_o$ $in^4$	I $in^4$
Top Flange	14.00	2.62	19.25	56.06	1079.20	3.03	841.18
Web	54.00	0.50	27.00	28.38	766.12	6561.00	18569.16
Bottom Flange	14.00	2.62	19.25	0.69	13.23	3.03	45801.65
Slab	103.00	8.00	103.00	62.88	6476.12	549.33	19074.33
	-	-	168.50	-	-	-	84286.32

Table 7: Composite Section (Long Term)

Shape	Width(b) in	Depth(d) in	Area(A) $in^2$	CG( $y_c$ ) in	$Ay_c$ $in^3$	$I_o$ $in^4$	I $in^4$
Top Flange	14.00	0.75	19.25	56.06	1079.20	3.03	4822.44
Web	54.00	0.50	27.00	28.38	766.12	6561.00	10361.87
Bottom Flange	14.00	1.00	19.25	0.69	13.23	3.03	30117.39
Slab	103.00	8.00	34.33	62.88	2158.71	183.11	17773.91
	-	-	99.83	-	-	-	63075.61

Table 8: Composite Section (Reinforcement Only)

Shape	Width(b) in	Depth(d) in	Area(A) $in^2$	CG( $y_c$ ) in	$Ay_c$ $in^3$	$I_o$ $in^4$	I $in^4$
Top Flange	14.00	1.38	19.25	56.06	1079.20	3.03	9438.62
Web	54.00	0.50	27.00	28.38	766.12	6561.00	7392.05
Bottom Flange	14.00	1.38	19.25	0.69	13.23	3.03	21266.47
Reinforcement	-	-	12.77	62.38	796.65	0.00	10339.19
	-	-	78.27	-	-	-	48436.33

Table 9: Girder Only

Shape	Width(b) in	Depth(d) in	Area(A) $in^2$	CG( $y_c$ ) in	$Ay_c$ $in^3$	$I_o$ $in^4$	I $in^4$
Top Flange	14.00	2.62	36.75	57.94	2129.20	21.10	29479.82
Web	54.00	0.50	27.00	29.62	799.88	6561.00	6561.00
Bottom Flange	14.00	2.62	36.75	1.31	48.23	21.10	29479.82
	-	-	100.50	-	-	-	65520.63

Table 10: Composite Section (Short Term)

Shape	Width(b) in	Depth(d) in	Area(A) $in^2$	CG( $y_c$ ) in	$Ay_c$ $in^3$	$I_o$ $in^4$	I $in^4$
Top Flange	14.00	0.75	36.75	57.94	2129.20	21.10	4347.87
Web	54.00	0.50	27.00	29.62	799.88	6561.00	14793.80
Bottom Flange	14.00	1.00	36.75	1.31	48.23	21.10	77023.27
Slab	103.00	8.00	103.00	64.12	6604.88	549.33	30449.85
	-	-	203.50	-	-	-	126614.80

Table 11: Composite Section (Long Term)

Shape	Width(b) in	Depth(d) in	Area(A) $in^2$	CG( $y_c$ ) in	$Ay_c$ $in^3$	$I_o$ $in^4$	I $in^4$
Top Flange	14.00	1.38	36.75	57.94	2129.20	21.10	14034.85
Web	54.00	0.50	27.00	29.62	799.88	6561.00	8644.72
Bottom Flange	14.00	1.38	36.75	1.31	48.23	21.10	50597.13
Slab	103.00	8.00	34.33	64.12	2201.62	183.11	22886.56
	-	-	134.83	-	-	-	96163.26

Table 12: Composite Section (Reinforcement Only)

Shape	Width(b) in	Depth(d) in	Area(A) $in^2$	CG( $y_c$ ) in	$Ay_c$ $in^3$	$I_o$ $in^4$	I $in^4$
Top Flange	14.00	2.62	36.75	57.94	2129.20	21.10	22042.18
Web	54.00	0.50	27.00	29.62	799.88	6561.00	6957.82
Bottom Flange	14.00	2.62	36.75	1.31	48.23	21.10	37997.69
Reinforcement	-	-	12.77	63.62	812.62	0.00	11622.61
	-	-	113.27	-	-	-	78620.30