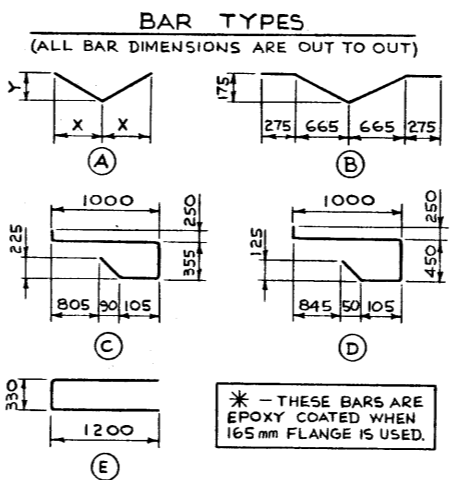
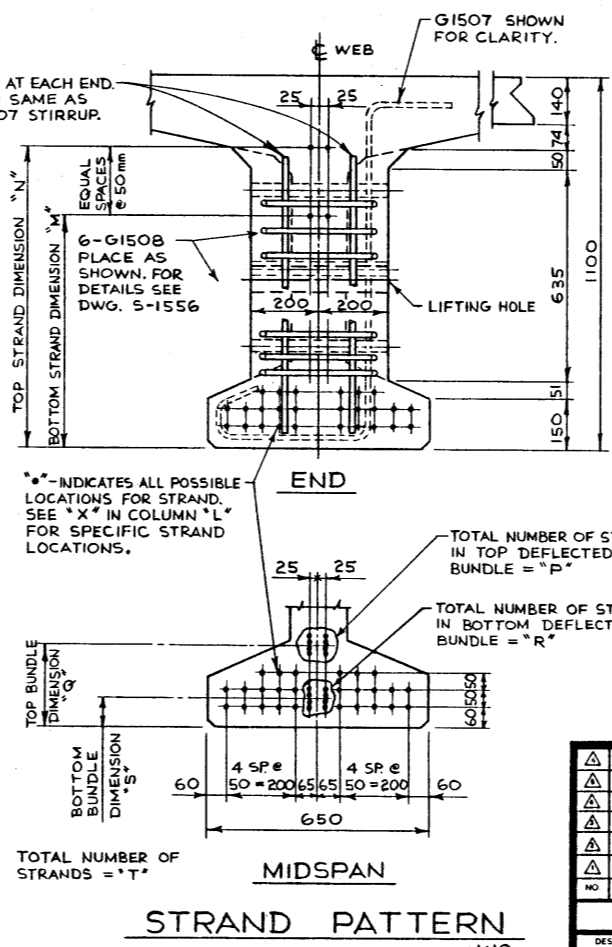
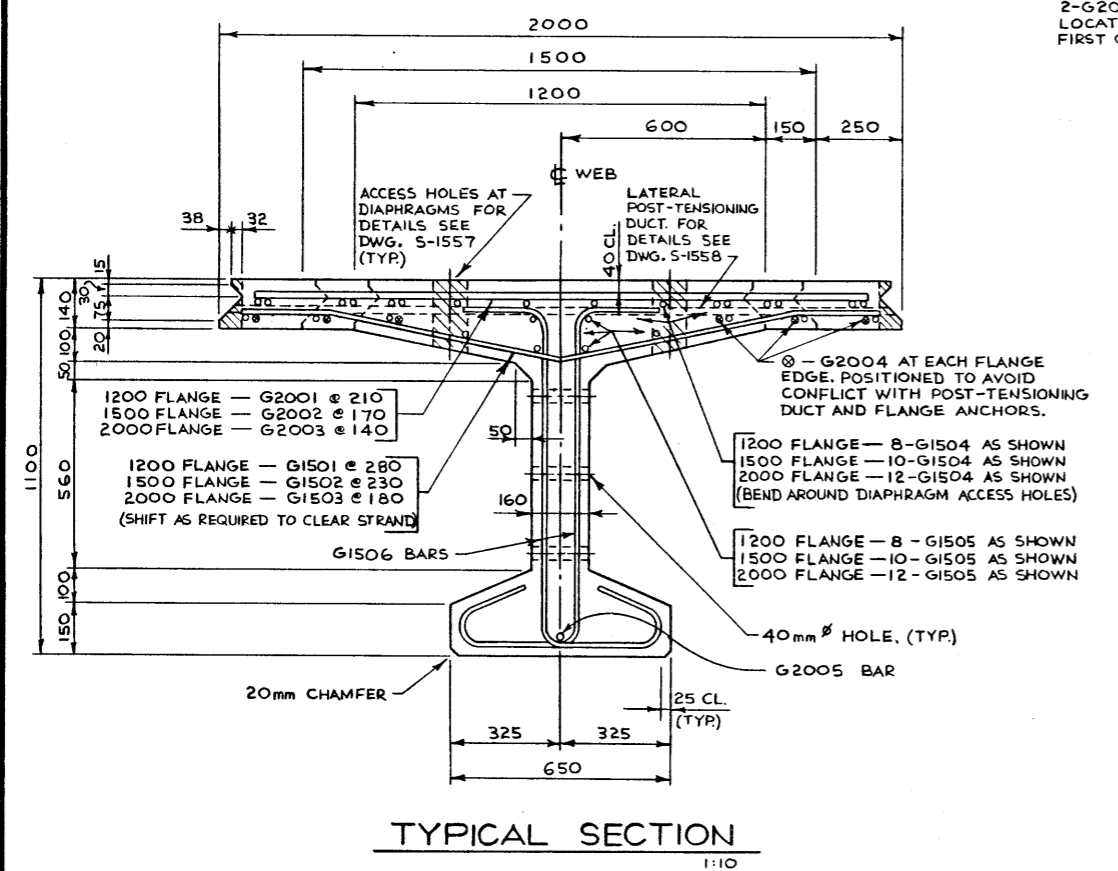


**BAR LIST: TYPICAL SQUARE GIRDER**

MARK	SIZE	TYPE	X	Y	FLANGE WIDTH	LENGTH
G1501	15	A	650	120	1200	1130
G1502	15	A	680	150	1500	1390
G1503	15	B			2000	1930
G1504	15	STR			ALL FLANGES	
G1505	15	STR			ALL FLANGES	
G1506	15	C			ALL FLANGES	1950
G1507	15	D			ALL FLANGES	1940
G1508	15	E			ALL FLANGES	2730
G2001	20	STR			1200	1000
G2002	20	STR			1500	1300
G2003	20	STR			2000	1800
G2004	20	STR			ALL FLANGES	
G2005	20	STR			ALL FLANGES	
G2006	20	STR			ALL FLANGES	820



"A" (m)	FLANGE CONNECTOR SPACING "D", "E", "C"	DIAPHRAGM SPACING "G"	DEF'L POINT LOC "H"	SPACING OF G1507 STIRRUPS (END-INT)	INTERIOR SPACING OF G1506 STIRRUPS (END TO CL SYMM)	BULB STRAND LOC'S SYMM "L"	DEFLECTED WEB END PATTERN LOCATION "M", "N", "R" @ "S"	TOT # OF STR	CONC F'c 28day MPa	INITIAL STRAND RISE (mm)	GIRDER MASS 140mm FLANGE (kg)	CAMBER RISE/FNL DIST/ GIRDER (mm)	WHEEL LINE DIST/ GIRDER	
														SPACING OF G1507 STIRRUPS (END-INT)
26	1100, 8,	8525	2500	(325, 300)	(350, 400, 18 @ 600)	.....	660-860 (10)	10 @ 85	30	35	96.6	33.2	44 / 79	0.71
24	800, 7,	11825	2500	(325, 300)	(2 @ 300, 350, 16 @ 600)	.....	610-810 (10)	10 @ 85	26	35	128.6	29.0	36 / 61	0.72
22	9800,1400	NOT REQ'D	1500	(325, 300)	(350, 2 @ 400, 14 @ 600)	.....	710-860 (8)	8 @ 79	24	35	99.0	28.5	27 / 51	0.73
20	900, 6,	9825	1500	(325, 300)	(350, 400, 13 @ 600)	.....	610-760 (8)	8 @ 79	20	35	128.6	24.5	20 / 33	0.74
18	8400,700	NOT REQ'D	1500	(325, 300)	(450, 500, 11 @ 600)	.....	610-710 (6)	6 @ 73	16	35	104.7	24.0	13 / 25	0.76
16	1000, 4,	7825	1500	(325, 300)	(3 @ 450, 2 @ 500, 7 @ 600)	.....	610-710 (6)	6 @ 150	14	35	128.6	20.0	9 / 15	0.77
14	700, 4,	6825	1500	(325, 300)	(350, 400, 8 @ 600)	.....	810-860 (4)	4 @ 250	12	35	107.9	19.5	5 / 9	0.79
12	1100, 3,	NOT REQ'D	0	(325, 300)	(450, 500, 6 @ 600)	.....	660-710 (4)	4 @ 300	10	35	128.6	15.2	5 / 10	0.82
10	4200,700	NOT REQ'D	0	(325, 300)	(2 @ 300, 400, 3 @ 450, 2 @ 600)	.....	660-710 (4)	4 @ 425	10	35	109.7	17.0	4 / 8	0.85
8	800, 2,	NOT REQ'D	0	(325, 300)	(2 @ 300, 400, 3 @ 450, 2 @ 600)	.....	660-710 (4)	4 @ 250	10	35	110.1	14.7	2 / 4	0.85
8	500, 2,	NOT REQ'D	0	(325, 300)	(2 @ 225, 250, 300, 400, 350, 600)	.....	660-710 (4)	4 @ 500	10	35	125.0	10.7	3 / 6	0.89
22	500, 7,	10825	1500	(325, 300)	(4 @ 300, 350, 400, 450, 3 @ 500, 4 @ 600)	.....	610-810 (10)	10 @ 85	26	35	128.6	29.5	32 / 56	0.85
20	900, 6,	9825	1500	(325, 300)	(3 @ 300, 2 @ 400, 450, 3 @ 500, 2 @ 600)	.....	660-810 (8)	8 @ 100	22	35	100.4	28.9	20 / 38	0.87
18	1300, 5,	8825	1500	(325, 300)	(3 @ 300, 350, 400, 500, 9 @ 600)	.....	610-760 (8)	8 @ 175	20	35	128.6	24.5	18 / 32	0.88
16	7000,700	NOT REQ'D	1500	(325, 300)	(2 @ 300, 350, 400, 600, 550, 7 @ 600)	.....	760-860 (6)	6 @ 300	18	35	104.1	24.0	12 / 23	0.90
14	1000, 4,	7825	1500	(325, 300)	(2 @ 300, 400, 450, 500, 6 @ 600)	.....	660-760 (6)	6 @ 275	14	35	106.8	19.6	8 / 15	0.93
12	1100, 3,	NOT REQ'D	0	(325, 300)	(300, 350, 400, 500, 5 @ 600)	.....	560-660 (6)	6 @ 300	12	35	108.4	18.7	5 / 10	0.96
10	4200,700	NOT REQ'D	0	(325, 300)	(300, 400, 450, 4 @ 600)	.....	UNDEFLECTED 660-710 (4)	STRANDS 660-710	10	35	116.0	14.4	2 / 4	0.99
8	800, 2,	NOT REQ'D	N.A.	(325, 300)	(2 @ 225, 3 @ 300, 2 @ 600)	.....	UNDEFLECTED 660-710 (4)	STRANDS 660-710	10	35	115.0	11.9	2 / 4	1.04
18	1300, 5,	8825	1500	(175, 3 @ 150)	(8 @ 150, 5 @ 200, 3 @ 250, 10 @ 300, 4 @ 400)	.....	660-860 (10)	10 @ 300	26	35	99.3	30.6	23 / 44	1.11
16	1000, 4,	7825	1500	(2 @ 200, 225)	(2 @ 225, 4 @ 250, 3 @ 300, 2 @ 400, 6 @ 500)	.....	710-860 (8)	8 @ 375	22	35	128.6	25.7	16 / 29	1.13
14	700, 4,	6825	1500	(2 @ 200, 225)	(2 @ 225, 3 @ 250, 2 @ 300, 2 @ 400, 2 @ 550, 2 @ 600)	.....	760-860 (6)	6 @ 375	18	35	128.6	22.9	9 / 17	1.16
12	1100, 3,	NOT REQ'D	0	(2 @ 200, 225)	(2 @ 225, 2 @ 250, 3 @ 300, 3 @ 400, 3 @ 600)	.....	660-760 (6)	6 @ 350	14	35	104.3	25.0	10 / 19	1.19
10	4200,700	NOT REQ'D	0	(2 @ 200, 225)	(2 @ 250, 2 @ 300, 350, 2 @ 500, 2 @ 600)	.....	UNDEFLECTED 560-660 (6)	STRANDS 560-660	12	35	122.0	16.6	2 / 4	1.21
8	500, 2,	NOT REQ'D	N.A.	(2 @ 200, 225)	(2 @ 250, 300, 350, 400, 2 @ 600)	.....	UNDEFLECTED 760-810 (4)	STRANDS 760-810	10	35	108.0	13.8	1 / 2	1.24



**SUPERSEDED**  
BY S-1595  
SHEET 7  
90-10-29

DESIGNED		DRAWN BY		DATE		CHECKED BY		DATE		STREAM		LOCATION		HWY NO		SCALE		FILE NO		SHEET		DWG NO	
B.L.C.		W.S.		83-12-01												SHOWN						S-1551	

APPROVED: *J. Talbot* CHIEF BRIDGE ENGINEER  
DATE: FEB 8 1984

TRANSPORTATION BRIDGE AND STRUCTURAL ENGINEERING BRANCH  
**METRIC**  
**DBT 1100 SERIES**  
**STANDARD INTERIOR GIRDER DATA SHEET**