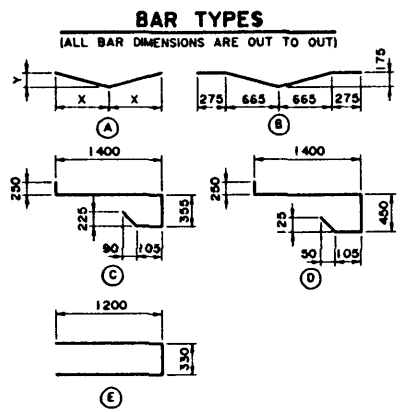
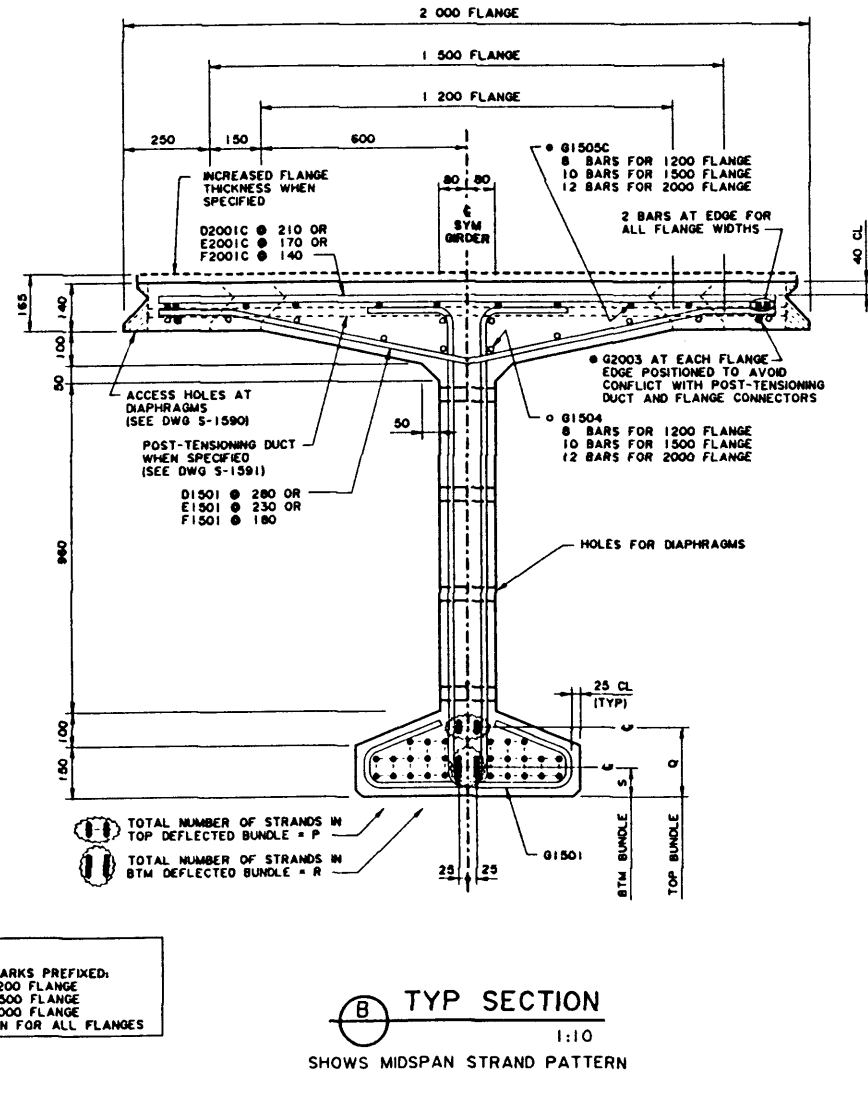
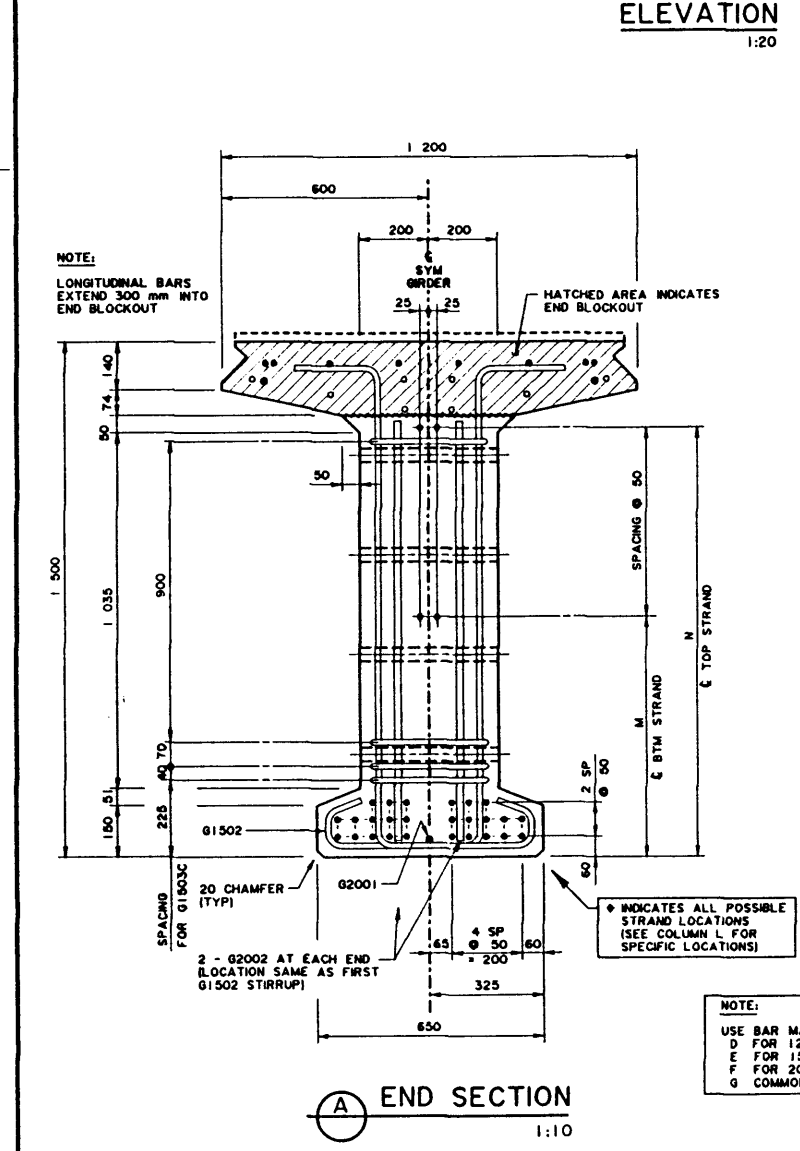


BAR LIST: TYPICAL SQUARE ORDER

MARK	SIZE	TYPE	FLANGE WIDTH	X	Y	LENGTH
D1501	15	A	1200	550	120	1 130
E1501	15	A	1000	680	150	1 390
F1501	15	B	2000			1 930
G1501	15	C	ALL			2 350
G1502	15	D	ALL			2 340
G1503C	15	E	ALL			2 730
G1504	15	STR	ALL			
G1505C	15	STR	ALL			
D2001C	20	STR	1200			1 000
E2001C	20	STR	1500			1 300
F2001C	20	STR	2000			1 800
G2001	20	STR	ALL			
G2002	20	STR	ALL			1 220
G2003	20	STR	ALL			



ELEVATION
1:20



G/O (M)	C BRG	FLANGE CONNECTOR SPACING		INTERMEDIATE DIAPHRAGM SPACING	DEF'L POINT	SPACING OF G1501 STIRRUPS	BAR STRAND PATTERN SYM	DEFLECTED WEB STRANDS C PATTERN		TOTAL NUMBER OF STRANDS	CONCRETE F _c DPM		CAMBER 140 FLANGE 165 FLANGE		ORDER MASS PER 140 FLANGE 165 FLANGE	WHEEL LINE DIST PER ORDER	
		A	B					M	N		R	S	RLSE	ERECT			FINAL
36	250	800	12 18000	700	2	11825 6000	3500	7 @ 100, 6 @ 250	710 - 1160	10 @ 220	44	128.6 95.5	32 40	61 96	86 120	46.1 51.8	(11)
34	250	900	11 15400	700	2	11325 5500	3600	7 @ 100, 8 @ 250	760 - 1160	8 @ 214	40	128.6 96.3	30 36	54 84	86 104	46.8 48.9	(12)
32	250	1300	10 14000	700	2	10525 5300	2500	7 @ 100, 8 @ 250	810 - 1160	6 @ 208	36	128.6 97.2	28 35	45 70	75 86	44.0 46.2	0.740
30	250	1000	9 12600	1400	2	9825 5000	2500	7 @ 100, 11 @ 250	810 - 1210	4 @ 201	34	128.6 97.2	28 35	39 64	64 72	41.4 43.5	0.747
28	200	700	8 12600	700	2	8225 4600	2500	7 @ 100, 7 @ 250	860 - 1210	2 @ 185	30	128.6 99.0	28 35	31 54	52 56	36.8 40.8	0.764
26	200	1100	8 11200	700	2	8525 4300	2500	7 @ 100, 7 @ 250	1010 - 1210	10 @ 85	26	128.6 100.9	28 35	24 42	42 53	36.3 38.1	0.764
24	200	800	7 9800	1400	1	11825 0	2500	7 @ 100, 8 @ 250	860 - 1060	10 @ 85	22	128.6 103.1	28 35	18 31	36 40	33.4 35.0	0.776
22	200	500	7 9800	700	1	10825 0	1500	7 @ 100, 3 @ 250	810 - 1060	8 @ 79	18	128.6 105.5	28 35	12 21	23 26	30.8 32.3	0.789
20	200	900	6 8400	700	1	8825 0	1500	7 @ 100, 4 @ 250	810 - 960	6 @ 79	16	128.6 106.4	28 35	10 17	18 21	28.3 29.8	0.802
18	200	1300	5 7000	700	1	8825 0	1500	7 @ 100, 3 @ 250	1010 - 1110	6 @ 100	14	128.6 107.5	28 35	7 12	14 16	25.7 26.9	0.812
16	200	1000	4 5600	1400	1	7825 0	0	7 @ 100, 4 @ 250	860 - 960	6 @ 150	12	128.6 108.1	28 35	5 7	9 10	23.2 24.2	0.816
14	200	700	4 5600	700	1	6825 0	0	7 @ 100, 2 @ 250	1060 - 1110	4 @ 230	10	128.6 110.5	28 35	3 5	6 8	20.8 21.5	0.816
12	200	1100	3 4200	700	0	--	0	7 @ 100, 4 @ 250	1060 - 1110	4 @ 430	10	128.6 110.9	28 35	2 4	5 5	17.7 18.5	0.816
32	250	1300	10 14000	700	2	10525 5300	2500	7 @ 100, 9 @ 250	810 - 1210	8 @ 214	42	128.6 94.7	32 40	52 86	80 106	48.0 50.8	(13)
30	250	1000	8 12600	1400	2	9825 5000	2500	7 @ 100, 9 @ 200	860 - 1210	8 @ 208	38	128.6 95.8	30 44	44 71	80 92	45.2 47.8	(14)
28	200	700	8 12600	700	2	8225 4600	2500	7 @ 100, 4 @ 200	810 - 1210	4 @ 201	34	128.6 97.1	30 35	36 59	67 76	42.4 46.9	0.938
26	200	1100	8 11200	700	2	8525 4300	2500	7 @ 100, 8 @ 200	1010 - 1260	2 @ 195	32	128.6 96.7	28 35	33 54	63 70	39.7 42.0	0.947
24	200	800	7 9800	1400	1	11825 0	2500	7 @ 100, 10 @ 200	1060 - 1260	10 @ 85	26	128.6 100.1	28 35	23 38	44 50	36.4 38.5	0.953
22	200	500	7 9800	700	1	10825 0	2500	7 @ 100, 5 @ 200	810 - 1110	10 @ 85	22	128.6 102.3	28 35	16 28	33 37	33.7 35.8	0.950
20	200	900	6 8400	700	1	8825 0	1500	7 @ 100, 4 @ 250	860 - 1110	8 @ 79	18	128.6 104.8	28 35	11 18	22 24	30.9 32.7	0.955
18	200	1300	5 7000	700	1	8825 0	1500	7 @ 100, 4 @ 300	1010 - 1110	6 @ 125	14	128.6 107.9	28 35	7 11	13 15	28.2 28.7	0.955
16	200	1000	4 5600	1400	1	7825 0	1500	7 @ 100, 4 @ 250	1010 - 1110	6 @ 225	14	128.6 107.8	28 35	6 10	12 13	25.4 26.8	0.955
14	200	700	4 5600	700	1	6825 0	0	7 @ 100, 4 @ 250	1060 - 1110	4 @ 300	10	128.6 111.0	28 35	3 5	5 6	22.7 23.8	0.966
12	200	1100	3 4200	700	0	--	0	7 @ 100, 5 @ 250	1110 - 1160	4 @ 400	10	128.6 110.8	28 35	2 4	5 5	19.4 20.4	0.955
26	200	1100	8 11200	700	2	8525 4300	2500	7 @ 100, 7 @ 150	810 - 1210	4 @ 201	34	128.6 96.7	30 33	33 55	61 70	45.5 48.5	1.117
24	200	800	7 9800	1400	1	11825 0	2500	7 @ 100, 6 @ 150	860 - 1210	2 @ 185	30	128.6 97.8	28 36	27 46	54 54	41.6 44.4	1.117
22	200	500	7 9800	700	1	10825 0	1500	7 @ 100, 5 @ 200	810 - 1160	10 @ 85	24	128.6 101.3	28 35	18 30	34 34	38.5 41.1	1.117
20	200	900	6 8400	700	1	8825 0	1500	7 @ 100, 8 @ 200	1060 - 1210	8 @ 100	20	128.6 104.2	28 35	12 20	26 28	35.4 37.7	1.128
18	200	1300	5 7000	700	1	8825 0	1500	7 @ 100, 8 @ 200	860 - 1110	8 @ 250	18	128.6 105.8	28 35	9 14	17 19	32.3 34.4	1.138
16	200	1000	4 5600	1400	1	7825 0	1500	7 @ 100, 4 @ 200	860 - 1010	8 @ 275	16	128.6 107.1	28 35	6 11	13 14	29.2 31.0	1.142
14	200	700	4 5600	700	1	6825 0	1500	7 @ 100, 4 @ 250	860 - 960	6 @ 270	12	128.6 109.6	28 35	4 6	8 8	26.1 27.7	1.142
12	200	1100	3 4200	700	0	--	1500	7 @ 100, 4 @ 250	1160 - 1210	4 @ 325	10	128.6 110.6	28 35	2 4	5 5	22.2 23.8	1.142

TABLE NOTES:

(1) 36 m 1500 x 1200
 • WHEN USED FOR 10.71 m CLEAR ROADWAY (0.725 WHEEL LINES PER GIRDER), FINAL BOTTOM FLANGE TENSION WILL BE 0.89 MPa.
 • WHEN USED FOR 14.34 m CLEAR ROADWAY (0.723 WHEEL LINES PER GIRDER), FINAL BOTTOM FLANGE TENSION WILL BE 0.84 MPa.

(2) 34 m 1500 x 1200
 • WHEN USED FOR 10.71 m CLEAR ROADWAY (0.733 WHEEL LINES PER GIRDER), FINAL BOTTOM FLANGE TENSION WILL BE 0.81 MPa.

(3) 32 m 1500 x 1500
 • WHEN USED FOR 10.09 m CLEAR ROADWAY (0.920 WHEEL LINES PER GIRDER), FINAL BOTTOM FLANGE TENSION WILL BE 1.25 MPa.

(4) 30 m 1500 x 1500
 • WHEN USED FOR 10.09 m CLEAR ROADWAY (0.930 WHEEL LINES PER GIRDER), FINAL BOTTOM FLANGE TENSION WILL BE 0.79 MPa.

APPROVED

[Signature]
EXECUTIVE DIRECTOR
BRIDGE ENGINEERING

90-10-31 REDRAWN FROM DWG S-1552 TL

REV DATE DESCRIPTION BY DATE 91-03-07

REVISIONS

DESIGNED	DRAWN	DATE	CHECKED	DATE	STREAM	LOCATION	HIGHWAY	FILE	SHEET	DRAWING
TL	MIK VGB	90-10-31							OF	S-1596

Albera TRANSPORTATION AND UTILITIES
BRIDGE ENGINEERING BRANCH

STANDARD DBC SERIES
1500 DEEP INTERIOR GIRDER

SHEET 8

MAR 05, 1991 BUREAU S-1596-90.DWG