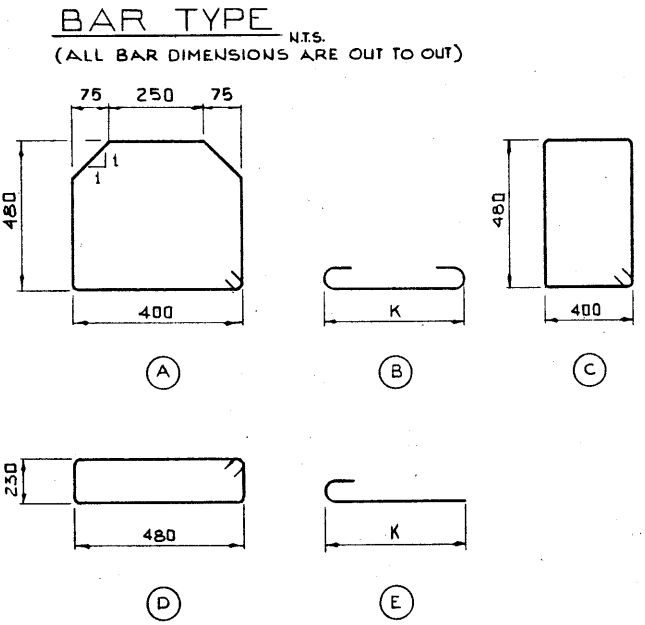


SKEW	7600 ROADWAY				8800 ROADWAY				10000 ROADWAY				11200 ROADWAY				12500 ROADWAY				13700 ROADWAY						
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°			
GENERAL	OVERALL WIDTH	A	8700	9006	10046	12304	9900	10250	11432	14000	11100	11492	12818	15698	12300	12734	14202	17394	13600	14080	15704	19234	14800	15322	17090	20930	
	CROWN	B	87	87	87	87	99	99	99	99	111	111	111	111	123	123	123	123	136	136	136	136	148	148	148	148	
	DIFFERENTIAL FOR ROADWAY GRADE OF	1%	C	0	23	50	87	0	27	57	99	0	30	64	111	0	33	71	123	0	36	78	136	0	40	85	148
		2%	C	0	47	100	174	0	53	114	198	0	60	128	222	0	66	142	246	0	73	157	272	0	79	171	296
		3%	C	0	70	151	261	0	80	172	297	0	90	192	333	0	99	213	369	0	109	236	408	0	119	256	444
PILES	NUMBER		5	5	5	5	6	6	6	6	6	6	6	6	7	7	7	7	8	8	8	8	8	8	8	8	
	SPACING	D	1650	1708	1905	2335	1560	1615	1801	2206	1800	1863	2079	2545	1700	1760	1963	2404	1643	1701	1897	2324	1814	1878	2095	2565	
	END DISTANCES	E	1050	1087	1213	1486	1050	1087	1213	1485	1050	1088	1212	1486	1050	1087	1212	1485	1050	1087	1212	1483	1051	1088	1213	1487	
DOWELS	NUMBER PER LINE		7	7	7	7	8	8	8	8	9	9	9	9	10	10	10	10	11	11	11	11	12	12	12	12	
	SPACING	F	1210	1253	1397	1711	1210	1253	1397	1711	1210	1253	1397	1711	1210	1253	1397	1711	1210	1253	1397	1711	1210	1253	1397	1711	
	END DISTANCES	L	830	859	959	1174	830	859	959	1174	830	859	959	1174	830	859	959	1174	830	859	959	1174	830	859	959	1174	
		G	910	941	1051	1288	905	936	1046	1280	900	931	1040	1274	895	926	1034	1266	940	972	1086	1330	935	966	1080	1323	
ABUT. WINGS	WING PILE	H	1300	1350	1500	1850	1300	1350	1500	1850	1300	1350	1500	1850	1300	1350	1500	1850	1300	1350	1500	1850	1300	1350	1500	1850	
	WING PROJECTION	J	1200	1250	1400	1700	1200	1250	1400	1700	1200	1250	1400	1700	1200	1250	1400	1700	1200	1250	1400	1700	1200	1250	1400	1700	
REINFORCING ONE ABUTMENT	NUMBER OF DOWELS - Z 2001		7	7	7	7	8	8	8	8	9	9	9	9	10	10	10	10	11	11	11	11	12	12	12	12	
	NUMBER OF STIRRUPS - A 1001		44	46	51	62	50	52	57	71	56	58	65	79	62	64	72	88	69	71	79	97	75	77	86	105	
	LENGTH OF MAIN BARS - A 2501	K	8600	8900	9950		9800	10150	11300		11000	11400															
	NUMBER OF - A 2501		10	10	10		10	10	10		10	10															
	LENGTH OF MAIN BARS - A 2502	K				6800				7600			7000	8500	6800	7000	7700	9300	7400	7600	8500	10200	8000	8300	9200	11100	
	NUMBER OF - A 2502					20				20			20	20	20	20	20	20	20	20	20	20	20	20	20	20	
REINFORCING ONE PIER	NUMBER OF DOWELS - Z 2001		14	14	14	14	16	16	16	16	18	18	18	18	20	20	20	20	22	22	22	22	24	24	24	24	
	NUMBER OF DOWELS - E 2501		30	30	30	30	36	36	36	36	36	36	36	36	42	42	42	42	48	48	48	48	48	48	48	48	
	NUMBER OF STIRRUPS - P 1501		35	38	44	56	40	43	49	63	45	48	55	70	49	53	60	76	54	58	66	83	59	63	72	90	
	LENGTH OF MAIN BARS - A 2501	K	8600	8900	9950		9800	10150	11300		11000	11400															
	NUMBER OF - A 2501		13	13	13		13	13	13		13	13															
	LENGTH OF MAIN BARS - A 2502	K				6800				7600			7000	8500	6800	7000	7700	9300	7400	7600	8500	10200	8000	8300	9200	11100	
	NUMBER OF - A 2502					26				26			26	26	26	26	26	26	26	26	26	26	26	26	26	26	
	NUMBER OF STIRRUPS - P 1502		30	30	30	30	36	36	36	36	36	36	36	36	42	42	42	42	48	48	48	48	48	48	48	48	

ALSO SUPPLY
8 - W1501
AND
12 - W2501

MARK	SIZE	TYPE	LENGTH
A 1001	10	A	1950
A 2501	25	B	K+500
A 2502	25	E	K+250
W 1501	15	STR.	12000
W 2501	25	STR.	4000
P 1501	15	C	2040
Z 2001	20	STR.	750
E 2501	25	STR.	1100
P 1502	15	D	1700



• ALL DIMENSIONS ARE GIVEN IN mm.
• WORK THIS DRAWING WITH:
S-1422-CONCRETE SUBSTRUCTURE SHEET No. 1

SUPERSEDED
SUPERSEDED

DESIGNED A. WAHEED		DRAWN BY T. SPETTER		DATE 77-12-01		CHECKED BY		DATE		STREAM		LOCATION		HWY. NO.		SCALE		FILE NO.		SHEET OF		DWG. NO. S-1423	
APPROVED <i>Tafany</i> CHIEF BRIDGE ENGINEER										Alberta TRANSPORTATION BRIDGE BRANCH METRIC													
NO. DATE DESCRIPTION BY										"S M" PRECAST BRIDGES CONCRETE SUBSTRUCTURE SHEET No. 2													
REVISIONS										DATE: JULY 7/78													