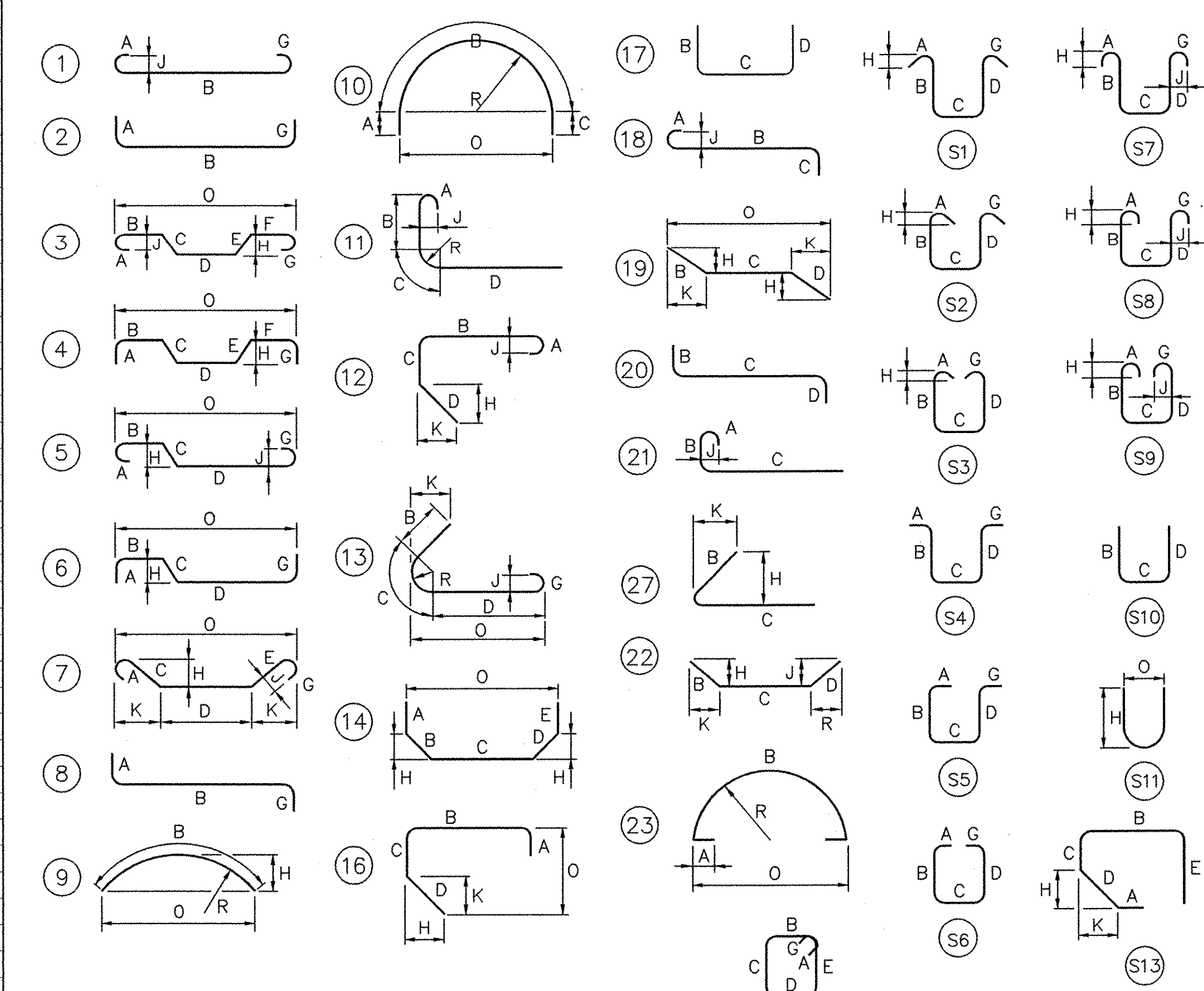


ITEM	NO. PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O
DECK SLAB																	
*	1	329	16	4700	ES1601	STR	▲										
*	2	328	16	5000	ES1602	STR	▲										
*	3	204	16	9100	ES1604	STR											
*	4	102	16	7500	ES1605	STR											
*	5	8	16	4925	ES1608	STR											
*	6	8	16	5300	ES1609	STR											
*	7	8	16	5475	ES1610	STR											
*	8	8	16	5825	ES1611	STR											
*	9	29	16	850	ES1612	STR	▲										
*	11	230	16	1700	ES1603	S5	250	400	400	400							250
*	12	49	16	2750	ES1606	S5	450	900	125	825							450
*	14	72	16	1175	ES1607	16	150	475	150	400				350		200	350
APPROACH SLAB NO. 1																	
*	16	21	16	4550	1EAS1601	STR											
*	17	21	16	4250	1EAS1602	STR											
*	18	1	16	5275	1EAS1603	STR											
*	19	1	16	4925	1EAS1604	STR											
*	21	15	25	1000	1EAS2501	19		500	500					350		350	850
Δ	23	38	29	6450	1EAS2901	1	400	5825								225	
APPROACH SLAB NO. 2																	
*	25	21	16	4550	2EAS1601	STR											
*	26	21	16	4250	2EAS1602	STR											
*	27	1	16	5275	2EAS1603	STR											
*	28	1	16	4925	2EAS1604	STR											
*	30	15	25	1000	2EAS2501	19		500	500					350		350	850
Δ	32	38	29	6450	2EAS2901	1	400	5825								225	
ABUTMENT NO. 1																	
*	34	35	16	450	1A1601	STR											
*	36	11	16	2700	1A1602	17	▲	600	2100								
WINGWALL NO. 1																	
*	38	22	16	1950	1W1601	STR											
*	39	7	16	5725	1W1603	STR	▲										
*	40	40	16	1950	1W1604	STR	▲										
*	41	6	16	1575	1W1606	STR											
*	42	4	16	1000	1W1607	STR											
*	43	10	16	650	1W1608	STR	▲										
*	45	8	25	3000	1W2501	STR											
*	46	7	25	5725	1W2504	STR	▲										
Δ	48	9	19	3000	1W1901	STR											
*	50	7	16	1950	1W1602	17		300	1650								
*	51	10	16	1650	1W1605	17		600	450	600							
*	53	8	25	2550	1W2502	17		450	2100								
*	54	7	25	4950	1W2503	17		450	4500								
WINGWALL NO. 2																	
*	56	24	16	5550	2W1601	STR											
*	57	13	16	5050	2W1603	STR	▲										
*	58	6	16	3650	2W1604	STR											
*	59	26	16	5550	2W1605	STR	▲										
*	60	10	16	3075	2W1606	STR	▲										
*	62	14	22	5050	2W2203	STR	▲										
*	63	6	22	3625	2W2204	STR											
Δ	67	21	29	3300	2W2901	STR											
*	69	4	16	3050	2W1607	16		1250	850	950				850		425	1275
*	71	20	16	1950	2W1602	17		300	1650								
*	72	3	16	2950	2W1608	17		1250	450	1250							
*	73	19	16	1650	2W1609	17		600	450	600							
*	75	20	22	2125	2W2201	17		400	1725								
*	76	19	22	4300	2W2202	17		400	3900								
WINGWALL NO. 3																	
*	78	6	16	800	3W1601	STR											
*	79	12	16	1350	3W1602	STR	▲										
*	80	11	16	1625	3W1604	STR											
*	82	6	16	1650	3W1603	17	▲	600	450	600							

ITEM	NO. PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O
WINGWALL NO. 4																	
*	88	26	16	5425	4W1601	STR											
*	89	5	16	3125	4W1603	STR											
*	90	14	16	4550	4W1604	STR	▲										
*	91	22	16	5425	4W1605	STR											
*	92	10	16	3375	4W1606	STR	▲										
*	94	20	25	3575	4W2501	STR											
*	95	26	25	1000	4W2502	STR											
*	97	8	29	3125	4W2903	STR											
*	98	12	29	4550	4W2904	STR	▲										
Δ	100	21	32	3575	4W3201	STR											
*	102	4	16	3025	4W1607	16		1250	825	950				850		425	1250
*	104	20	16	1950	4W1602	17		300	1650								
*	105	3	16	2950	4W1608	17		1250	450	1250							
*	106	19	16	1650	4W1609	17		600	450	600							
*	107	2	16	800	4W1610	17	▲	600	200								
*	109	20	29	2950	4W2901	17		575	2375								
*	110	18	29	4900	4W2902	17		575	4025								



- NOTES:**
- UNLESS OTHERWISE DESIGNATED, ALL BAR REINFORCEMENT FOR CONCRETE IN SIZES UP TO AND INCLUDING 55M SHALL CONFORM TO THE REQUIREMENTS OF THE "SPECIFICATIONS FOR DEFORMED BILLET-STEEL BARS FOR CONCRETE REINFORCEMENT", AASHTO M 31 (ASTM A 615-S1). ALL BARS SHALL BE GRADE 420, UNLESS OTHERWISE DESIGNATED.
 - FOR TYPICAL BENDING DETAILS, RECOMMENDED PIN DIAMETER "D" OF BENDS AND HOOKS, AND OTHER STANDARD PRACTICE, SEE CURRENT CONCRETE REINFORCING STEEL INSTITUTE "MANUAL OF STANDARD PRACTICE".
 - BARS WHICH REQUIRE MORE ACCURATE BENDING THAN STANDARD PRACTICES SHOULD HAVE LIMITS INDICATED.
 - ALL DIMENSIONS ARE OUT TO OUT OF BAR EXCEPT "A" AND "G" ON STANDARD 180° AND 135° HOOKS.
 - "J" DIMENSION ON 180° HOOKS TO BE SHOWN ONLY WHERE NECESSARY TO RESTRICT HOOK SIZE. OTHERWISE, STANDARD HOOKS ARE TO BE USED.
 - "H" DIMENSION ON STIRRUPS TO BE SHOWN ONLY WHEN NECESSARY TO MAINTAIN CLEARANCES.
 - "E" IN PREFIX DENOTES EPOXY COATED REINFORCING STEEL.
 - WHERE SLOPE DIFFERS FROM 45 DEGREES, DIMENSIONS "H" AND "K" MUST BE SHOWN.
 - * DENOTES ONE EXTRA BAR ADDED FOR TESTING PURPOSES.
 - Δ DENOTES TWO EXTRA BARS ADDED FOR TESTING PURPOSES.
 - ▲ DENOTES BARS TO BE CUT TO FIT IN FIELD.

BAR SIZE DESIGNATION	MASS (kg/m)	NOMINAL DIMENSIONS ROUND SECTION		
		DIAMETER (mm)	CROSS SECTIONAL AREA (mm ²)	PERIMETER (mm)
#10	0.560	9.5	71	29.9
#13	0.994	12.7	129	39.9
#16	1.552	15.9	199	49.9
#19	2.235	19.1	284	59.8
#22	3.042	22.2	387	69.8
#25	3.973	25.4	510	79.9
#29	5.060	28.7	645	90.0
#32	6.404	32.3	819	101.3
#36	7.907	35.8	1006	112.5
#43	11.38	43.0	1452	135.1
#57	20.24	57.3	2581	180.1

STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of	FAYSTON	Bridge No.	36
Highway No.	VT 17	Log Sta.	
		Surv. Sta.	
VT 17 OVER MILL BROOK			
REINFORCING STEEL SCHEDULE			
Designed By	M.A. COLGAN	Drawn By	B.J. MASSE
Checked By	C.W. COVELLO	Date	1/06
		Bridge Design Supervisor	M.A. COLGAN
PROJECT	FAYSTON	PROJECT NO.	BHF 0200(9)
I.G.C. Info.	Bridge Sheet No. 50543REF	Sheet	34 of 70