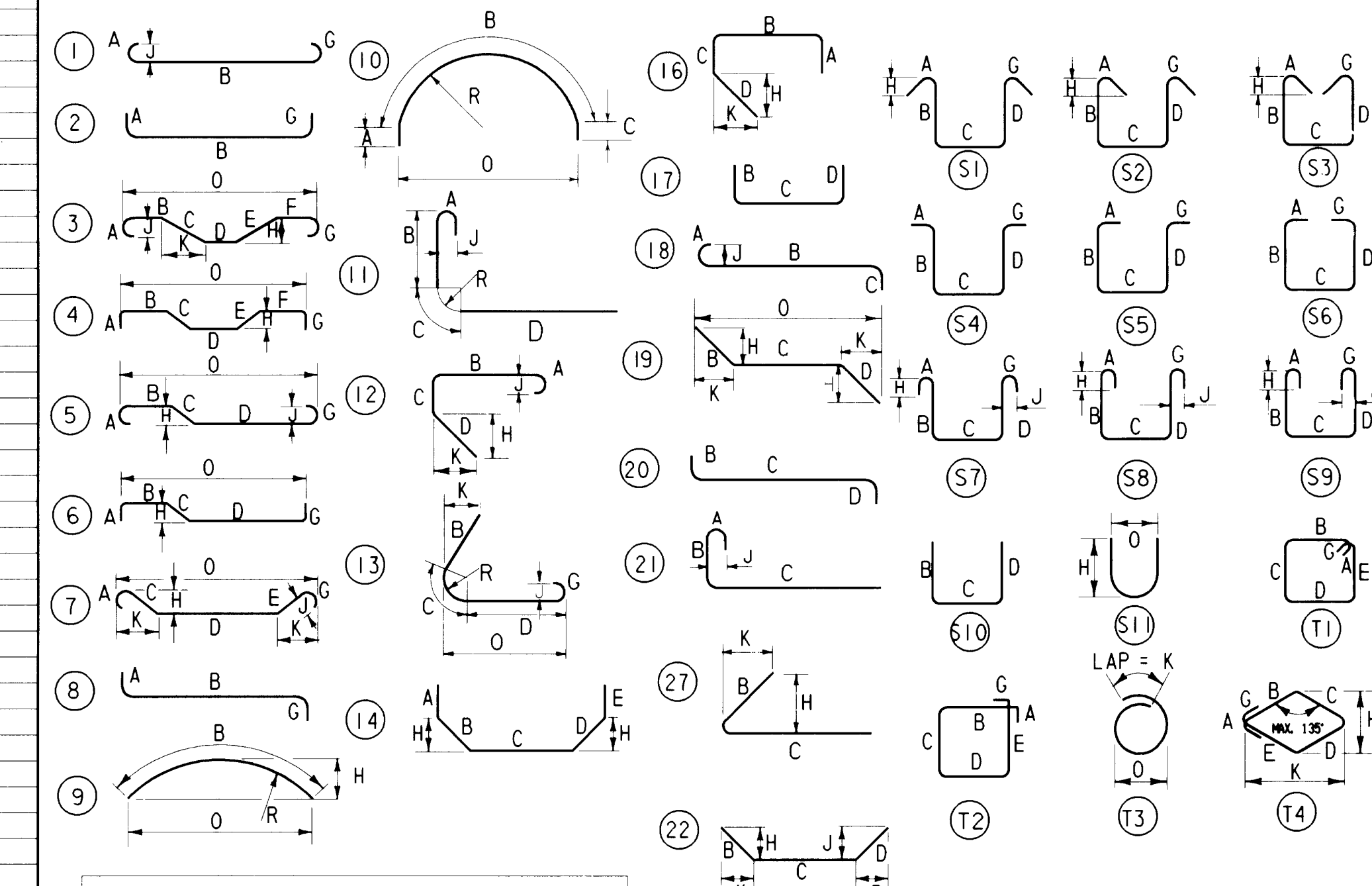


NO.	ITEM	PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O	NO.	ITEM	PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O	
ABUTMENT NO. 2																																						
49	5	26-11	2A501	STR																																		
53	5	4-0	2A502	STR																																		
46	5	12-1	2A503	STR	▲																																	
99	5	23-4	2A504	STR																																		
42	5	8-9	2A505	I2					4-3	4-6				3-2 1/4		3-2 1/4																						
46	5	7-2	2A506	I7				2-0	4-0	1-2																												
46	5	5-9	2A507	STR																																		
13	5	5-0	2A508	I9				3-0	2-0					2-10 3/4		0-9 1/4	2-9 1/4																					
13	5	14-5	2A509	I4				2-0	10-5	2-0				1-2 1/2																								
13	5	5-0	2A510	I27				3-0	2-0					2-10 3/4		0-9 1/4																						
13	5	12-1	2A511	I4				2-0	8-1	2-0				1-7																								
46	5	10-6	2A512	I7				5-0	0-6	5-0																												
42	5	8-0	2A513	I7				2-0	1-6	4-6																												
12	5	4-0	2A514	I9				2-0	2-0																													
4	5	2-10	2A515	S5	0-6	0-6	0-10	0-6																														
12	5	4-0	2A516	I27				2-0	2-0																													
WINGWALL NO. 3																																						
52	8	10-6	2A801	STR																																		
43	8	10-0	2A802	STR																																		
21	8	5-1	2A803	I7				3-1	2-0																													
52	10	13-4	2A1001	I	1-5	10-6																																
43	10	9-8	2A1002	I7				7-10	1-10																													
WINGWALL NO. 4																																						
25	5	17-4	3W501	STR																																		
15	5	4-0	3W502	STR																																		
5	5	11-4	3W503	STR																																		
15	5	13-7	3W504	STR	▲																																	
26	5	14-8	3W505	STR																																		
24	5	6-3	3W506	STR	▲																																	
12	5	12-0	3W507	STR																																		
4	5	11-6	3W508	STR	▲																																	
12	5	7-4	3W509	I7				2-11	1-6	2-11																												
2	5	4-6	3W510	STR																																		
26	8	9-2	3W801	I7				7-10	1-4																													
16	8	11-5	3W802	STR																																		
21	9	10-6	3W901	STR	1	1-3	10-6																															
19	9	13-0	3W902	I											1-3		0-11 1/4																					
WINGWALL NO. 4																																						
25	5	21-1	4W501	STR	▲																																	
17	5	4-0	4W502	STR																																		
3	5	11-8	4W503	STR																																		
17	5	13-11	4W504	STR	▲																																	
26	5	16-6	4W505	STR	▲																																	
27	5	6-5	4W506	STR	▲																																	
12	5	14-0	4W507	STR	▲																																	
4	5	12-11	4W508	STR	▲																																	
13	5	7-4	4W509	I7				2-11	1-6	2-11																												
2	5	4-6	4W510	STR																																		
28	8	9-2	4W801	I7				7-10	1-4																													
17	8	11-10	4W802	STR																																		
24	9	10-6	4W901	STR	1	1-3	10-6																															
22	9	13-0	4W902	I											1-3		0-11 1/4																					

NOTES

- UNLESS OTHERWISE DESIGNATED, ALL BAR REINFORCEMENT FOR CONCRETE IN SIZES UP TO AND INCLUDING NO. 18 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 60, 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 DEGREE AND 135 DEGREE HOOKS.
- "J" DIMENSION ON 180 DEGREE 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.
- WHERE SLOPE DIFFERS FROM 45 DEGREES, DIMENSIONS "H" AND "K" MUST BE SHOWN.
- ▲ DENOTES BARS TO BE CUT IN FIELD.
- * DENOTES ONE EXTRA BAR ADDED FOR TESTING PURPOSES.
- △ DENOTES TWO EXTRA BARS ADDED FOR TESTING PURPOSES.



ASTM STANDARD REINFORCING BARS

BAR SIZE DESIGNATION	WEIGHT POUNDS PER FOOT	NOMINAL DIMENSIONS ROUND SECTION		
		DIAMETER INCHES	CROSS SECTIONAL AREA SQ. INCHES	PERIMETER INCHES
#3	.376	.375	.11	1.178
#4	.668	.500	.20	1.571
#5	1.043	.625	.31	1.963
#6	1.502	.750	.44	2.356
#7	2.044	.875	.60	2.749
#8	2.670	1.000	.79	3.142
#9	3.400	1.128	1.00	3.544
#10	4.303	1.270	1.27	3.990
#11	5.313	1.410	1.56	4.430
#14	7.65	1.693	2.25	5.32
#18	13.60	2.257	4.00	7.09

STATE OF VERMONT AGENCY OF TRANSPORTATION

Town Of SPRINGFIELD Bridge No. 44

Highway No. U.S. ROUTE 5 Log Sta.
Surv. Sta.

U.S. ROUTE 5 OVER BLACK RIVER

REINFORCING STEEL SCHEDULE

Designed By S. BAKI Drawn By R. REMY

Checked By W. GAYNOR Date 7/95 Bridge Design Supervisor P. PIERCE Date 5/96

PROJECT SPRINGFIELD PROJECT NO. BRS-RS 0113 (8)

I.G.C. Info. c:\usr\j9145622\sprrebar.dgn

Bridge Sheet No. BRI33 Sheet 62 of 90