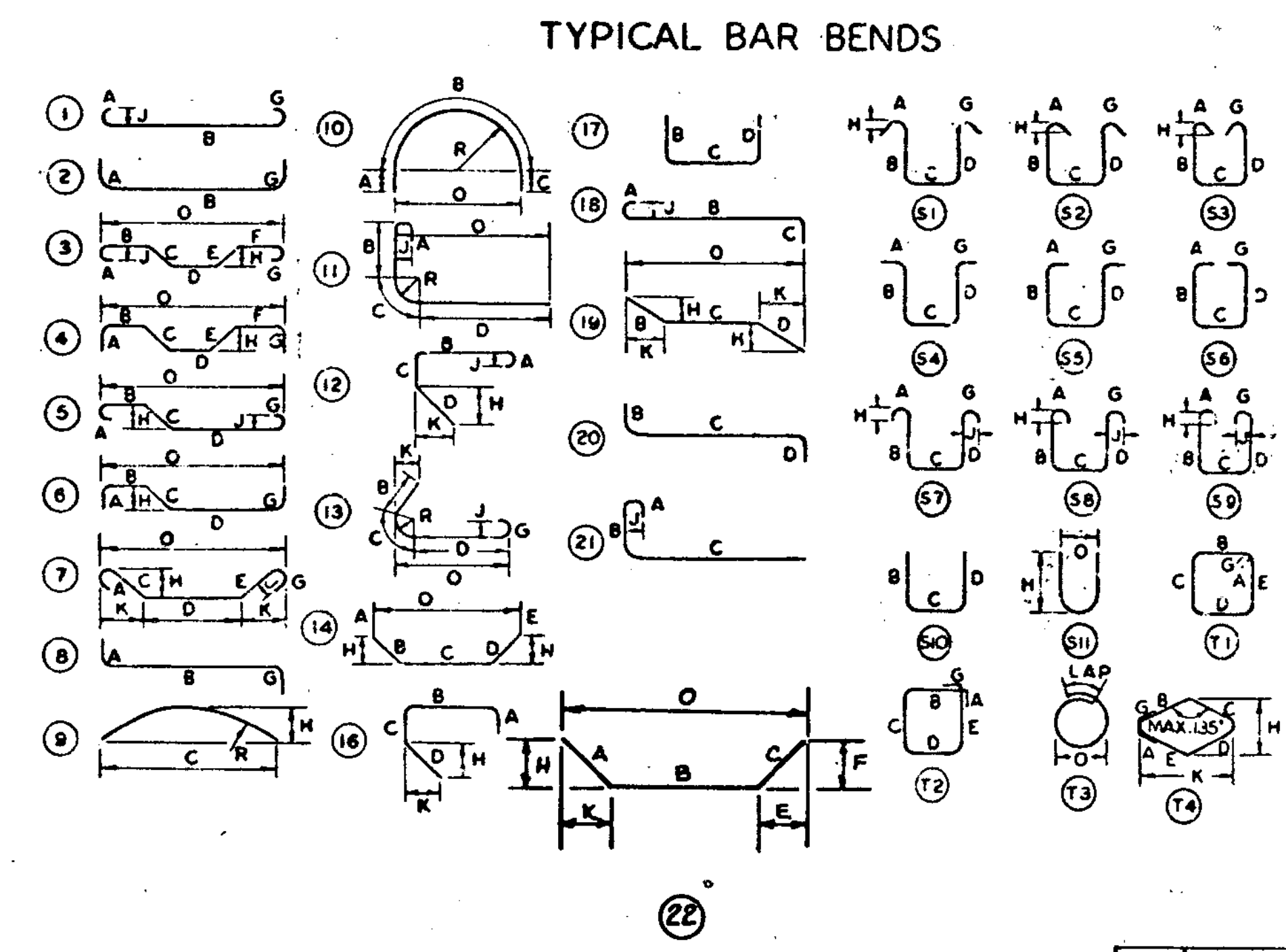


ITEM	NO. PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O	ITEM	NO. PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O
SUPERSTRUCTURE																		81																	
EPOXY COATED (See Note this sheet)																		82																	
4	126	5	21-3	ES501 STR														84																	
5	120	5	26-0	ES504 1	0-7 24-10													85																	
6																		86																	
7	122	5	4-5	ES502 55	0-6 1-4 0-9 1-4												87																		
8																		88																	
10	117	5	21-3	5503 STR													90																		
11	120	5	24-10	5505 STR													91																		
12	16	5	24-10	5506 STR													92																		
* 14	39	5	7-0	5507 55	0-6 2-6 0-7 2-11												94																		
ABUTMENT N^o1																		ABUTMENT N^o2																	
20	30	5	3-9	1A501 STR													100	30	5	3-9	2A501 STR														
21	14	↑	29-6	1A502													101	14	↓	29-6	2A502														
22	2	↑	17-0	1A503													102	2	↓	17-0	2A503														
23	↑		to thru														103	↑		to thru															
24	2	↑	22-9	1A506													104	2	↓	22-9	2A506														
25	10	↑	23-6	1A507													105	10	↓	23-6	2A507 STR														
26	4	↑	15-6	1A508													106	—	—	—	2A508														
27	26	↑	8-10	1A509													107	26	↓	8-7	2A509 STR														
28	4	↑	8-6	1A510													108	4	↓	8-6	2A510														
29	↑		to thru														109	↑		to thru															
30	4	↑	4-8	1A512													110	4	↓	4-8	2A512														
31	4	↑	12-8	1A513													111	4	↓	12-5	2A513														
32	4	↑	5-9	1A514													112	4	↓	5-9	2A514														
33	↑		to thru														113	↑		to thru															
34	4	↑	12-0	1A520													114	4	↓	11-11	2A520														
35	2	↑	15-0	1A523													115	2	↓	15-0	2A523														
36	↑		to thru														116	↑		to thru															
37	2	↑	20-10	1A526													117	2	↓	20-10	2A526														
38	10	↑	21-5	1A527 STR													118	10	↓	21-5	2A527 STR														
42	4	5	11-3	1A521	22 2-0 6-3 3-0	2-8 1-6	1-9	1-0	9-11							122	4	5	11-7	2A521	22 2-0 6-7 3-0	2-4 1-2	1-10	1-0	9-11										
43	5	5	11-0	1A522	22 2-0 7-0 2-0	1-9 0-11	1-9	1-0	9-9							123	4	5	11-0	2A522	22 2-0 7-0 2-0	1-9 0-11	1-9	1-0	9-9										
44	46	5	5-7	1A528	17 2-0 1-7 2-0											124	46	5	5-7	2A528	17 2-0 1-7 2-0														
48	31	6	8-6	1A601 STR												128	31	6	8-6	2A601 STR															
49	52	6	8-10	1A603 STR												129	52	6	8-7	2A603 STR															
50	8	6	12-8	1A604 STR												130	8	6	12-5	2A604 STR															
* 52	61	6	8-5	1A602 17	3-10 4-7											132	60	6	8-5	2A602 17	3-10 4-7														

ITEM	NO. PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O
161																	
162																	
163																	
164																	
165																	
166																	
167																	
168																	
169																	
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179																	
180																	

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



- 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 615-91), GRADE 60 OR GRADE 40 AS NOTED.
 - 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.
 - WHERE SLOPE DIFFERS FROM 45° DIMENSIONS "H" AND "K" MUST BE SHOWN.
- ES DENOTES EPOXY COATED REINFORCING STEEL.
 * DENOTES ONE EXTRA BAR ADDED FOR TESTING PURPOSES.

REV. NO.	MADE BY	DATE	DESCRIPTION

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TOWN OF GRANVILLE	BRIDGE NO. 23
HIGHWAY NO. Town Highway 26	LOG STA. 13+18
Town Highway 26 over White River	
REINFORCING STEEL SCHEDULE	
DESIGNED BY G. S. ROGERS	DRAWN BY D. W. NEWTON
CHECKED BY L. C. GATES	BRIDGE DESIGN SUPERVISOR F. W. Bolkum DATE 4/84
PROJECT GRANVILLE	PROJECT NO. BRZ-1444(9)
BRIDGE SHEET NO. 15	SHEET 15 OF 41

BRIDGE SHEET NO. 15 OF 41