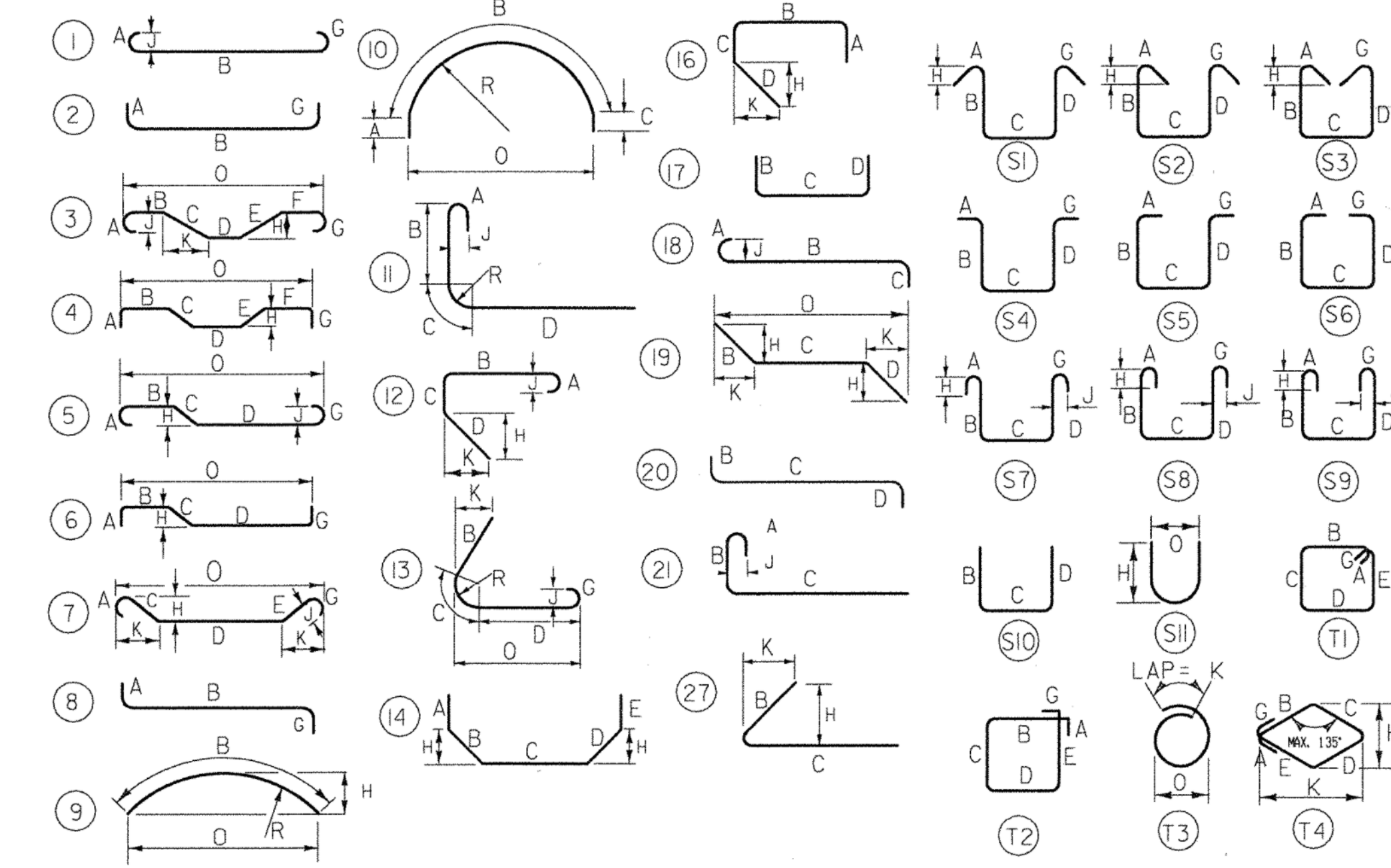


ITEM	NO.	PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	G	H	K
ABUTMENT 1														
24	5	7'-0"	IA501	STR										
35	5	5'-6"	IA502	STR										
33	5	7'-0"	IA503	1	0'-7"	6'-5"								
12	5	12'-3"	IA504	17	2'-6"	3'-6"	6'-3"							
12	5	8'-2"	IA505	2	2'-9"	5'-5"								
12	5	5'-7"	IA506	2	3'-1"	2'-6"								
12	5	15'-2"	IA507	STR										
17	5	15'-9"	IA508	17	7'-4"	1'-1"	7'-4"							
17	5	4'-9"	IA509	17	1'-10"	1'-1"	1'-10"							
6	5	22'-8"	IA510	STR										
10	5	9'-11"	IA511	17	4'-5"	1'-1"	4'-5"							
14	5	4'-9"	IA512	12	0'-7"	1'-9"	0'-2"	2'-3"				1'-7"	1'-7"	
12	5	9'-2"	IA513	1	0'-7"	8'-7"								
8	5	16'-3"	IA514	17	7'-7"	1'-1"	7'-7"							
14	5	4'-9"	IA515	17	1'-10"	1'-1"	1'-10"							
6	5	8'-11"	IA516	17	3'-11"	1'-1"	3'-11"							
20	5	12'-1"	IA517	17	5'-6"	1'-1"	5'-6"							
9	6	7'-10"	IA601	17	2'-2"	3'-6"	2'-2"							
9	6	9'-1"	IA602	17	3'-5"	3'-6"	2'-2"							
1	4	13'-3"	IA401	STR										
PIER 1														
8	5	3'-9"	IP501	STR										
8	5	3'-4"	IP502	STR										
8	5	2'-0"	IP503	STR										
3	5	6'-10"	IP504	17	2'-4"	2'-2"	2'-4"							
3	5	6'-4"	IP505	17	2'-0"	2'-2"	2'-2"							
2	5	3'-2"	IP506	17	0'-6"	2'-2"	0'-6"							
8	5	10'-4"	IP507	T2	0'-6"	2'-2"	2'-6"	2'-2"	2'-6"	0'-6"				
6	5	9'-8"	IP508	T2	0'-6"	2'-2"	2'-2"	2'-2"	2'-2"	0'-6"				
2	5	9'-8"	IP509	T2	0'-6"	2'-2"	2'-2"	2'-2"	2'-2"	0'-6"				
2	5	7'-2"	IP510	17	2'-4"	2'-6"	2'-4"							
2	5	6'-2"	IP511	17	2'-0"	2'-2"	2'-0"							
2	5	3'-2"	IP512	17	0'-6"	2'-2"	0'-6"							
PIER 2														
8	5	3'-9"	2P501	STR										
8	5	3'-4"	2P502	STR										
8	5	2'-0"	2P503	STR										
3	5	6'-5"	2P504	17	2'-4"	1'-9"	2'-4"							
3	5	5'-9"	2P505	17	2'-0"	1'-9"	2'-0"							
2	5	2'-9"	2P506	17	0'-6"	1'-9"	0'-6"							
8	5	9'-6"	2P507	T2	0'-6"	1'-9"	2'-6"	1'-9"	2'-6"	0'-6"				
6	5	8'-10"	2P508	T2	0'-6"	1'-9"	2'-2"	1'-9"	2'-2"	0'-6"				
2	5	8'-10"	2P509	T2	0'-6"	1'-9"	2'-2"	1'-9"	2'-2"	0'-6"				
2	5	7'-2"	2P510	17	2'-4"	2'-6"	2'-4"							
2	5	6'-2"	2P511	17	2'-0"	2'-2"	2'-0"							
2	5	3'-2"	2P512	17	0'-6"	2'-2"	0'-6"							
ABUTMENT 2														
24	5	7'-0"	2A501	STR										
35	5	5'-6"	2A502	STR										
33	5	7'-0"	2A503	1	0'-7"	6'-5"								
12	5	12'-3"	2A504	17	2'-6"	3'-6"	6'-3"							
12	5	8'-2"	2A505	2	2'-9"	5'-5"								
12	5	5'-7"	2A506	2	3'-1"	2'-6"								
12	5	15'-2"	2A507	STR										
17	5	15'-9"	2A508	17	7'-4"	1'-1"	7'-4"							
17	5	4'-9"	2A509	17	1'-10"	1'-1"	1'-10"							
6	5	22'-8"	2A510	STR										
10	5	9'-11"	2A511	17	4'-5"	1'-1"	4'-5"							
14	5	4'-9"	2A512	12	0'-7"	1'-9"	0'-2"	2'-3"				1'-7"	1'-7"	
12	5	9'-2"	2A513	1	0'-7"	8'-7"								
8	5	16'-3"	2A514	17	7'-7"	1'-1"	7'-7"							
14	5	4'-9"	2A515	17	1'-10"	1'-1"	1'-10"							
6	5	8'-11"	2A516	17	3'-11"	1'-1"	3'-11"							
20	5	12'-1"	2A517	17	5'-6"	1'-1"	5'-6"							
9	6	7'-10"	2A601	17	2'-2"	3'-6"	2'-2"							
9	6	9'-1"	2A602	17	3'-5"	3'-6"	2'-2"							
1	4	13'-3"	2A401	STR										

~ 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.
- *E IN PREFIX DENOTES EPOXY COATED REINFORCING STEEL.



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 **SWANTON** Bridge No. **18**

Highway No. _____ Log Sta. _____

Surv. Sta. _____

RAIL TRAIL OVER MISSISQUOUI RIVER

REINFORCING STEEL SCHEDULE

Designed By **R. SACCHI** Drawn By **R. ROSS**

Checked By **H. BUI** Date **1/23/08** Bridge Design Supervisor **R. SACCHI** Date **1/23/08**

PROJECT **SWANTON** PROJECT NO. **STP ST MHTB(1)**

I.G.C. Info. **ZD024RTLdgn** 1/30/2008

Bridge Sheet No. **BR3** Sheet **57** of **63**