

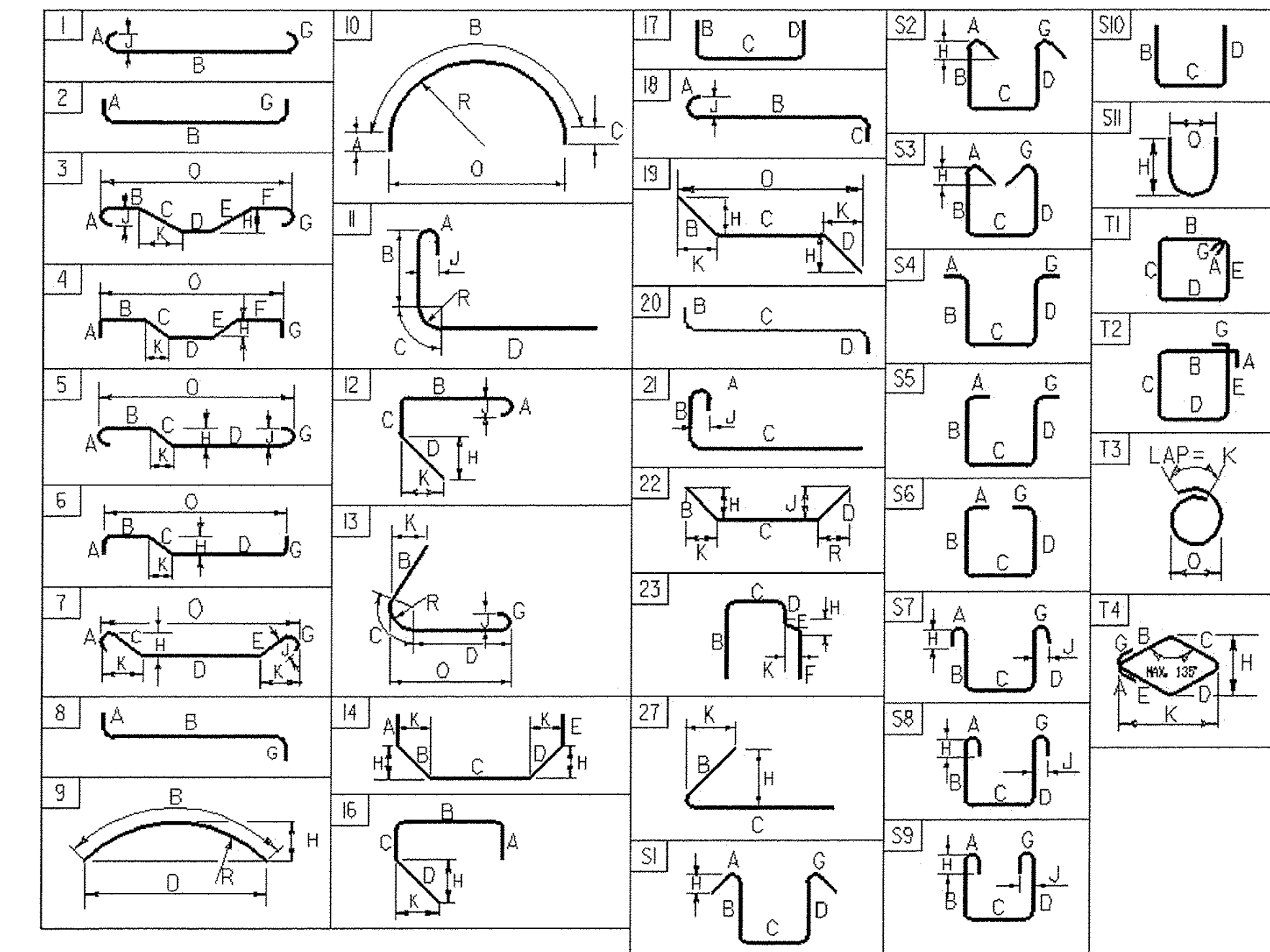
STATE OF VERMONT
AGENCY OF TRANSPORTATION

REINFORCING STEEL SCHEDULE

ITEM	EACH	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O	ITEM	EACH	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O
APPROACH SPAN DECK																		ABUTMENT # 2																	
* 129	4	37'-7"	1ES401	STR	37'-7"													* 45	5	5'-7"	2A501	STR	5'-7"												
108	4	37'-7"	1ES402	STR	37'-7"													44	5	17'-10"	2A502	STR	17'-10"												
52	5	37'-6"	1ES501	STR	37'-6"													38	5	42'-2"	2A503	STR	42'-2"												
99	5	36'-4"	1ES502	STR	36'-4"													6	5	37'-8"	2A505	STR	37'-8"												
△ 191	5	4'-9"	1ES503	STR	4'-9"													39	5	4'-2"	2A506	STR	4'-2"												
10	5	36'-4"	1ES508	STR	36'-4"													* 11	5	37'-8"	2EA509	STR	37'-8"												
* 148	6	36'-4"	1ES601	STR	36'-4"													8	6	49'-11"	2A601	STR	49'-11"												
74	5	10'-8"	1ES504	S6	0'-10"	1'-4"	6'-4"	1'-4"										* 41	8	11'-7"	2A802	STR	11'-7"												
68	5	5'-9"	1ES505	S5	0'-10"	1'-4"	1'-5"	1'-4"										17	9	17'-10"	2A901	STR	17'-10"												
4	5	10'-1"	1ES506	4	---	2'-2"	2'-1"	1'-7"	2'-1"	2'-2"	---	2'-0"						* 47	10	8'-3"	2A1002	STR	8'-3"												
6	5	10'-0"	1ES507	17		4'-2"	1'-8"	4'-2"										12	10	24'-6"	2A1005	STR	24'-6"												
29	5	5'-1"	1ES509	16	0'-10"	1'-6"	0'-7"	2'-2"					1'-6"					12	10	17'-3"	2A1005A	STR	17'-3"												
38	5	9'-1"	1ES510	S5	0'-10"	3'-4"	0'-7"	3'-6"					0'-10"					* 40	5	8'-8"	2A504	22	3'-8"	5'-0"	---					3'-7"	---	3'-7"	---		
38	5	6'-9"	1ES511	S5	0'-10"	0'-4"	1'-6"	0'-7"					3'-6"					64	5	4'-4"	2A507	17	2'-2"	2'-2"	---					1'-6"	1'-6"	1'-6"	1'-6"		
* 16	8	2'-11"	1ES801	22		1'-1"	1'-10"	---					0'-9"	---	0'-9"	---	32	5	13'-4"	2A508	22	2'-2"	2'-2"	2'-2"											
TRUSS SPAN DECK																		WINGWALL # 3																	
564	5	44'-0"	2ES501	STR	44'-0"													* 16	5	5'-7"	3W501	STR	5'-7"												
* 340	5	36'-4"	2ES502	STR	36'-4"													22	5	24'-8"	3W502	STR	24'-8"												
678	5	3'-3"	2ES503	STR	3'-3"													52	5	23'-0"	3W503	STR	23'-0"												
* 508	6	36'-4"	2ES601	STR	36'-4"													3	5	14'-4"	3W505	STR	14'-4"												
254	5	10'-8"	2ES504	S6	0'-10"	1'-4"	6'-4"	1'-4"										* 21	7	17'-8"	3W701	STR	17'-8"												
254	5	5'-9"	2ES505	S5	0'-10"	1'-4"	1'-5"	1'-4"										* 67	9	23'-0"	3W901	STR	23'-0"												
38	5	7'-3"	2ES506	S5	3'-6"	0'-10"	1'-6"	0'-7"										26	5	10'-5"	3W504	17	4'-5"	1'-7"	4'-5"										
38	5	10'-3"	2ES507	S5	5'-0"	0'-10"	3'-0"	0'-7"										21	5	6'-2"	3W507	17	2'-2"	1'-10"	2'-2"										
ABUTMENT # 1																		WINGWALL # 4																	
7	5	47'-0"	1A501	STR	47'-0"													* 22	5	5'-7"	4W501	STR	5'-7"												
16	5	36'-3"	1A501A	STR	36'-3"													22	5	24'-10"	4W502	STR	24'-10"												
38	5	3'-11"	1A502	STR	3'-11"													52	5	21'-7"	4W503	STR	21'-7"												
32	5	37'-0"	1A503	STR	37'-0"													3	5	14'-4"	4W505	STR	14'-4"												
* 39	5	13'-2"	1A504	STR	13'-2"													2	5	24'-2"	4W506	STR	24'-2"												
* 61	7	14'-3"	1A701	STR	14'-3"													* 20	7	17'-7"	4W701	STR	17'-7"												
38	7	7'-2"	1A702	STR	7'-2"													25	5	10'-5"	4W504	17	4'-5"	1'-7"	4'-5"										
38	5	10'-11"	1A505	17		4'-8"	1'-7"	4'-8"										19	5	6'-2"	4W507	17	2'-2"	1'-10"	2'-2"										
64	5	4'-4"	1A506	17		2'-2"	2'-2"	---										8	6	35'-4"	4W601	17	5'-5"	24'-6"	5'-5"										
32	5	4'-4"	1A507	17		2'-2"	2'-2"	---										* 9	6	28'-1"	3W601	17	5'-5"	24'-6"	5'-5"										
* 39	9	17'-1"	1A901	17		5'-10"	11'-3"	---										19	10	14'-6"	3W1001	17	3'-3"	8'-0"	3'-3"										
WINGWALL # 1																		WINGWALL # 2																	
48	5	39'-0"	1W501	STR	39'-0"													24	5	22'-0"	2W501	STR	22'-0"												
89	5	3'-11"	1W502	STR	3'-11"													29	5	3'-11"	2W502	STR	3'-11"												
86	5	39'-0"	1W503	STR	39'-0"													△ 44	5	29'-4"	2W503	STR	29'-4"												
22	5	10'-0"	1W504	STR	10'-0"													* 30	5	16'-4"	2W504	STR	16'-4"												
89	5	16'-4"	1W505	STR	16'-4"													* 58	7	8'-10"	2W701	STR	8'-10"												
170	7	8'-10"	1W701	STR	8'-10"													* 48	8	14'-9"	2W801	STR	14'-9"												
* 124	8	14'-9"	1W801	STR	14'-9"													57	5	14'-5"	2W505	17	6'-5"	1'-7"	6'-5"										
170	5	14'-9"	1W506	17		6'-7"	1'-7"	6'-7"										* 30	9	19'-4"	2W901	17	6'-7"	12'-9"	---										
6	5	12'-11"	1W507	16	0'-10"	3'-7"	3'-7"	4'-11"										28	9	14'-4"	2W902	17	1'-7"	12'-9"	---										
6	5	10'-5"	1W508	4	---	2'-2"	2'-3"	1'-7"	2'-3"	2'-2"	---	3'-6"						APPROACH SLAB # 1																	
89	9	19'-4"	1W901	17		6'-7"	12'-9"	---										22	5	27'-6"	1EAS501	STR	27'-6"												
88	9	14'-4"	1W902	17		1'-7"	12'-9"	---										34	9	20'-9"	1EAS901	1	1'-3"	19'-6"											
WINGWALL # 2																		APPROACH SLAB # 2																	
24	5	22'-0"	2W501	STR	22'-0"													22	5	27'-6"	2EAS501	STR	27'-6"												
29	5	3'-11"	2W502	STR	3'-11"													* 35	9	20'-9"	2EAS901	1	1'-3"	19'-6"											
△ 44	5	29'-4"	2W503	STR	29'-4"																														
* 30	5	16'-4"	2W504	STR	16'-4"																														
* 58	7	8'-10"	2W701	STR	8'-10"																														
* 48	8	14'-9"	2W801	STR	14'-9"																														
57	5	14'-5"	2W505	17		6'-5"	1'-7"	6'-5"																											
* 30	9	19'-4"	2W901	17		6'-7"	12'-9"	---																											
28	9	14'-4"	2W902	17		1'-7"	12'-9"	---																											
APPROACH SLAB # 1																		APPROACH SLAB # 2																	
22	5	27'-6"	1EAS501	STR	27'-6"													22	5	27'-6"	2EAS501	STR	27'-6"												
34	9	20'-9"	1EAS901	1	1'-3"	19'-6"												* 35	9	20'-9"	2EAS901	1	1'-3"	19'-6"											

~ 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 M31 (ASTM A615-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 BAR MARK PREFIX DENOTES EPOXY COATED REINFORCING STEEL.



ASTM STANDARD REINFORCING BARS				
BAR SIZE DESIGNATION	WEIGHT POUNDS PER FOOT	NOMINAL DIAMETER INCHES	AREA INCHES ²	PERIMETER INCHES
#3	0.376	0.375	0.11	1.178
#4	0.668	0.500	0.20	1.571
#5	1.043	0.625	0.31	