

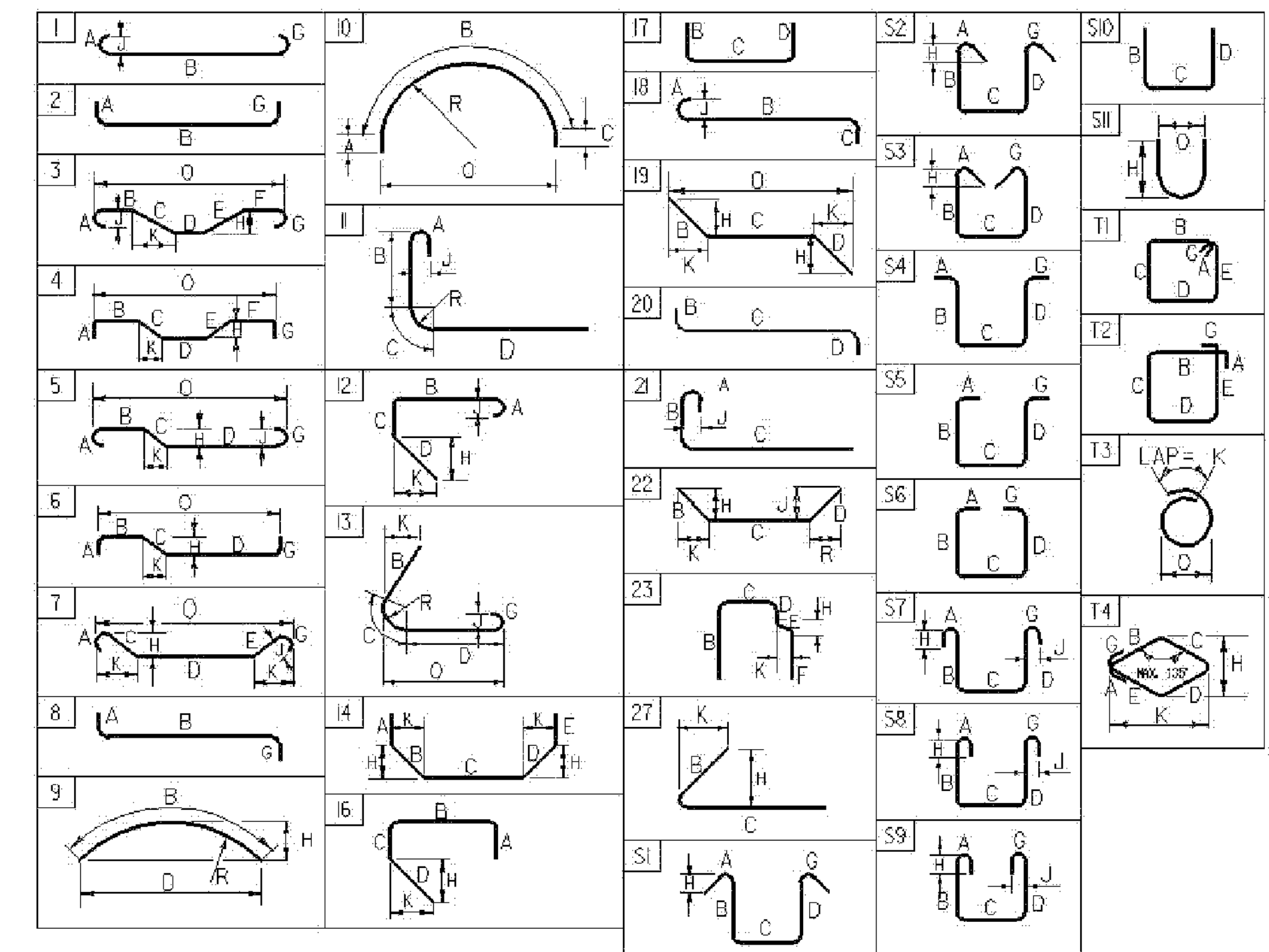
STATE OF VERMONT  
AGENCY OF TRANSPORTATION

# 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					
<b>ABUTMENT CLOSURE POUR REINFORCING</b>																																								
	8	5	33'- 2"	A501	STR																																			
△	32	5	3'- 8"	A502	STR																																			
	24	5	19'- 5"	A503	STR																																			
	6	5	1'- 9"	A504	STR																																			
	6	5	3'- 1"	A505	STR																																			
	66	5	7'- 10"	A506	17		3'- 3"	1'- 4"	3'- 3"																															
*	67	5	6'- 5"	A507	17		2'- 3"	1'- 11"	2'- 3"																															
	66	5	6'- 3"	A508	17		2'- 7"	1'- 1"	2'- 7"																															
	6	5	7'- 2"	A509	17		2'- 2"	2'- 10"	2'- 2"																															
	6	5	9'- 2"	A510	23		3'- 2"	1'- 4"	1'- 0"	1'- 6"	2'- 2"		0"		1'- 0"																									
<b>TRANSITION BARRIERS</b> (INCIDENTAL TO ITEM 900.620, SPECIAL PROVISION (BRIDGE RAILING, CONCRETE TRANSITION BARRIER))																																								
△	42	5	4'- 6"	TB500	STR																																			
	16	5	2'- 8"	TB501	STR																																			
△	26	5	2'- 7"	TB502	STR																																			
	20	5	10'- 2"	TB503	T2	0'- 11"	2'- 4"	1'- 4"	3'- 4"	0'- 9"			1'- 6"																											
	8	6	8'- 0"	TB601	T1	0'- 8"	0'- 8"	2'- 8"	0'- 8"	2'- 8"			0'- 8"																											
	20	6	9'- 2"	TB602	T1	0'- 8"	1'- 3"	2'- 8"	1'- 3"	2'- 8"			0'- 8"																											

~ 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 BAR MARK PREFIX DENOTES EPOXY COATED REINFORCING STEEL.



ASTM STANDARD REINFORCING BARS				
BAR SIZE DESIGNATION	WEIGHT POUNDS PER FOOT	NOMINAL DIMENSIONS ROUND SECTION		
		DIAMETER INCHES	AREA INCHES <sup>2</sup>	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	1.963
#6	1.502	0.750	0.44	2.356
#7	2.044	0.875	0.60	2.749
#8	2.670	1.000	0.79	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

PROJECT NAME: **PLYMOUTH**  
 PROJECT NUMBER: **ER BRS 0149(5)**  
 FILE NAME: **zlf0330rss.xls** PLOT DATE: **8/24/2012**  
 PROJECT MANAGER: **J. OLUND** DRAWN BY: **D. MYERS**  
 DESIGNED BY: **D. MYERS** CHECKED BY: **J. OLUND**  
**REINFORCING STEEL SCHEDULE** SHEET **29** OF **46**