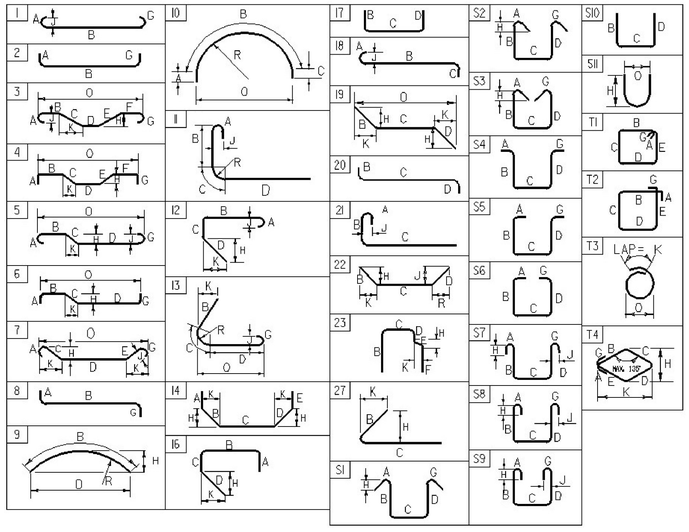
STATE OF VERMONT
AGENCY OF TRANSPORTATION

REINFORCING STEEL SCHEDULE

ITEM	EACH	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O
	DECK																
	210	5	39'- 9"	S501.2	STR	39'- 9"											
✳ ▲	183	5	34'- 11"	S502.2	STR	34'- 11"											
✳ ▲	274	5	30'- 11"	S503.2	STR	30'- 11"											
	546	6	4'- 6"	S601.2	22		2'- 6"	2'- 0"	0'- 0"				0'- 2"	0'- 0"	2'- 6"	0'- 0"	
✳	75	7	20'- 0"	S701.2	STR	20'- 0"											
	ABUTMENT #1																
	354	4	3'- 7"	1A401	16	0'- 6"	2'- 7"	0'- 0"	0'- 6"				0'- 4"		0'- 4"		
✳	25	5	21'- 11"	1A501	STR	21'- 11"											
	51	5	6'- 11"	1A502	17		2'- 2"	2'- 7"	2'- 2"								
	8	5	7'- 1"	1A503	14	2'- 2"	0'- 0"	0'- 0"	2'- 9"	2'- 2"			0'- 10"		2'- 5"		
	16	6	22'- 2"	1A601	STR	22'- 2"											
	330	4	3'- 7"	1A401.2	16	0'- 6"	2'- 7"	0'- 0"	0'- 6"				0'- 4"		0'- 4"		
✳	15	5	22'- 2"	1A501.2	STR	22'- 2"											
	31	5	3'- 5"	1A502.2	17		2'- 2"	1'- 3"	0'- 0"								
	9	5	7'- 1"	1A503.2	14	2'- 2"	0'- 0"	0'- 0"	2'- 9"	2'- 2"			0'- 10"		2'- 5"		
	32	5	5'- 8"	1A504.2	1	0'- 11"	3'- 10"					0'- 11"		0'- 5"			
	34	5	6'- 0"	1A505.2	22		3'- 6"	2'- 6"	0'- 0"				2'- 6"		2'- 6"		
	12	5	9'- 7"	1A506.2	17		3'- 6"	2'- 7"	3'- 6"								
	35	5	10'- 0"	1A507.2	STR	10'- 0"											
	9	5	6'- 11"	1A508.2	17	6'- 11"											
	114	7	13'- 4"	1A701.2	17		2'- 7"	10'- 9"	0'- 0"								
	114	7	6'- 3"	1A702.2	STR	6'- 3"											
✳	35	7	11'- 0"	1A703.2	17		7'- 6"	3'- 6"	0'- 0"								
	ABUTMENT #2																
	354	4	3'- 7"	2A401	16	0'- 6"	2'- 7"	0'- 0"	0'- 6"				0'- 4"		0'- 4"		
	24	5	21'- 11"	2A501	STR	21'- 11"											
	51	5	6'- 11"	2A502	17		2'- 2"	2'- 7"	2'- 2"								
	8	5	7'- 1"	2A503	14	2'- 2"	0'- 0"	0'- 0"	2'- 9"	2'- 2"			0'- 11"		2'- 5"		
✳	17	6	22'- 2"	2A601	STR	22'- 2"											
	330	4	3'- 7"	2A401.2	16	0'- 6"	2'- 7"	0'- 0"	0'- 6"				0'- 4"		0'- 4"		
	14	5	22'- 2"	2A501.2	STR	22'- 2"											
	31	5	3'- 5"	2A502.2	17		2'- 2"	1'- 3"	0'- 0"								
	9	5	7'- 1"	2A503.2	14	2'- 2"	0'- 0"	0'- 0"	2'- 9"	2'- 2"			0'- 11"		2'- 5"		
	32	5	5'- 8"	2A504.2	1	0'- 11"	3'- 10"					0'- 11"		0'- 5"			
	34	5	6'- 0"	2A505.2	22		3'- 6"	2'- 6"	0'- 0"				2'- 6"		2'- 6"		
	12	5	9'- 7"	2A506.2	17		3'- 6"	2'- 7"	3'- 6"								
	35	5	10'- 0"	2A507.2	STR	10'- 0"											
	9	5	6'- 11"	2A508.2	17	6'- 11"											
	114	7	13'- 1"	2A701.2	17		2'- 7"	10'- 6"	0'- 0"								
	114	7	6'- 3"	2A702.2	STR	6'- 3"											
	34	7	11'- 0"	2A703.2	17		7'- 6"	3'- 6"	0'- 0"								
	APPROACH SLAB #1																
▲	19	5	30'- 4"	1EAS501	STR	30'- 4"											
✳ ▲	36	9	20'- 2"	1EAS901	1	1'- 6"	18'- 8"								0'- 11"		
	APPROACH SLAB #2																
▲	20	5	30'- 8"	2EAS501	STR	30'- 8"											
▲	36	9	21'- 8"	2EAS901	1	1'- 5"	20'- 3"								0'- 11"		
	SHEET PILE CONCRETE CAP																
▲	7	5	4'- 6"	1C501	STR	4'- 6"											
▲	6	5	9'- 6"	1C502	STR	9'- 6"											
	48	5	3'- 3"	1C503	STR	3'- 3"											
	8	5	27'- 1"	1C504	STR	27'- 1"											

~ NOTES ~

1. 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-SI). ALL BARS SHALL BE GRADE 60, UNLESS OTHERWISE DESIGNATED.
2. 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".
3. BARS WHICH REQUIRE MORE ACCURATE BENDING THAN STANDARD PRACTICES SHOULD HAVE LIMITS INDICATED.
4. ALL DIMENSIONS ARE OUT TO OUT OF BAR EXCEPT "A" AND "G" ON STANDARD 180 DEGREE AND 135 DEGREE HOOKS.
5. "J" DIMENSION ON 180 DEGREE HOOKS TO BE SHOWN ONLY WHERE NECESSARY TO RESTRICT HOOK SIZE. OTHERWISE, STANDARD HOOKS ARE TO BE USED.
6. "H" DIMENSION ON STIRRUPS TO BE SHOWN ONLY WHEN NECESSARY TO MAINTAIN CLEARANCES.
7. WHERE SLOPE DIFFERS FROM 45 DEGREES, DIMENSIONS "H" AND "K" MUST BE SHOWN.
8. ▲ DENOTES BARS TO BE CUT IN FIELD.
9. ✳ DENOTES ONE EXTRA BAR ADDED FOR TESTING PURPOSES.
10. △ DENOTES TWO EXTRA BARS ADDED FOR TESTING PURPOSES.
11. 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 ^{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	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: **STOWE**
PROJECT NUMBER: **BRF 0235(15)**

FILE NAME: z88cl90schedule.dgn
PROJECT MANAGER: **J. BYATT**
DESIGNED BY: **A. GIRALDI**
REINFORCING STEEL SCHEDULE SHEET

PLOT DATE: **5/6/2015**
DRAWN BY: **M. SMITH**
CHECKED BY: **J. FRENCH**
SHEET 51 OF 79

MODEL: Schedule
CLD 12-0120