STATE OF VERMONT
AGENCY OF TRANSPORTATION

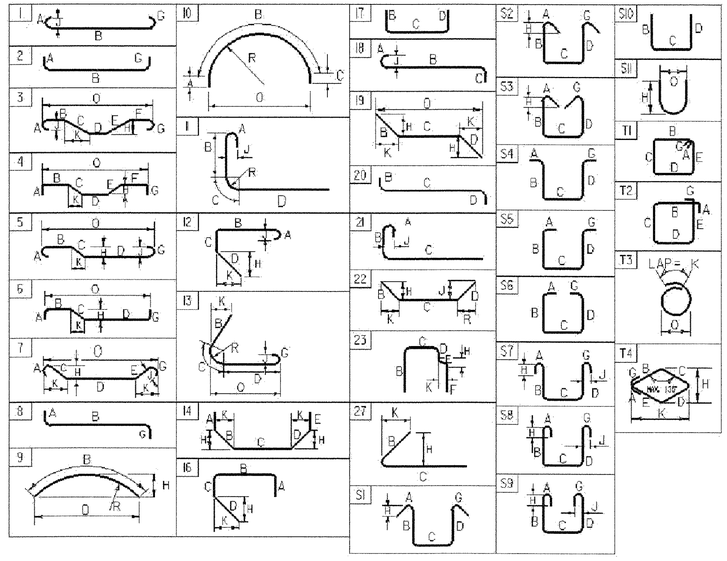
REINFORCING STEEL SCHEDULE

	EACH	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O
	DECK																
	42	5	14'- 7"	ES501	STR												
*	19	5	20'- 6"	ES502	STR												
	42	5	6'- 2"	ES503	S5	1'- 0"	1'- 10"	0'- 8"	1'- 8"			1'- 0"					
	42	5	8'- 8"	ES504	S6	1'- 0"	1'- 1"	4'- 6"	1'- 1"			1'- 0"					
*	32	9	21'- 9"	ES901	1	1'- 3"	20'- 6"							0'- 11"			
	APPROACH SLAB 1																
*	43	5	13'- 11"	1EAS501	STR												
	29	9	20'- 8"	1EAS901	1	1'- 3"	19'- 5"							0'- 11"			
	APPROACH SLAB 2																
	42	5	13'- 11"	2EAS501	STR												
*	30	9	20'- 8"	2EAS901	1	1'- 3"	19'- 5"							0'- 11"			
	ABUTMENT 1																
	36	5	7'- 10"	1A501	16	2'- 7"	2'- 1"	1'- 2"	2'- 0"								
	26	5	22'- 0"	1A502	STR ▲												
*	35	5	11'- 0"	1A503	STR ▲												
	40	5	22'- 0"	1A504	STR ▲												
	9	5	8'- 7"	1A505	22		2'- 2"	4'- 3"	2'- 2"				1'- 8"	1'- 8"	1'- 5"	1'- 5"	
	13	5	5'- 5"	1A506	22		3'- 3"	2'- 2"	0'- 0"				2'- 2"	0'- 0"	2'- 2"	0'- 0"	
	9	5	9'- 4"	1A507	22		2'- 2"	5'- 0"	2'- 2"				1'- 5"	1'- 5"	1'- 8"	1'- 8"	
	13	5	4'- 4"	1A508	22		3'- 3"	2'- 2"	0'- 0"				2'- 2"	0'- 0"	2'- 2"	0'- 0"	
	6	5	13'- 3"	1A509	STR												
	36	7	7'- 0"	1A701	STR												
	30	7	14'- 6"	1A702	17		3'- 6" ▲										
	6	7	16'- 9"	1A703	17		3'- 6" ▲										
*	17	8	3'- 6"	1EA801	22		1'- 0"	2'- 6"	0'- 0"								
*	16	8	2'- 6"	1EA802	STR												
	WINGWALL 1																
	7	5	4'- 0"	1W501	S10		1'- 6"	1'- 0"	1'- 6"								
*	8	5	12'- 11"	1W502	STR												
	14	5	9'- 4"	1W503	STR ▲												
	22	5	6'- 3"	1W504	STR												
	7	7	8'- 0"	1W701	STR												
	7	7	16'- 11"	1W702	17		4'- 0"	12'- 11"									
	WINGWALL 2																
	9	5	4'- 0"	2W501	S10		1'- 6"	1'- 0"	1'- 6"								
	9	5	13'- 0"	2W502	STR												
	14	5	9'- 9"	2W503	STR ▲												
	22	5	7'- 9"	2W504	STR												
	9	7	8'- 0"	2W701	STR												
*	10	7	17'- 0"	2W702	17		4'- 0"	13'- 0"									
	ABUTMENT 2																
	36	5	7'- 10"	2A501	16	2'- 7"	2'- 1"	1'- 2"	2'- 0"								
	26	5	22'- 0"	2A502	STR ▲												
	34	5	11'- 0"	2A503	STR ▲												
	40	5	22'- 0"	2A504	STR ▲												
	9	5	8'- 7"	2A505	22		2'- 2"	4'- 3"	2'- 2"				1'- 8"	1'- 8"	1'- 5"	1'- 5"	
	13	5	4'- 4"	2A506	22		2'- 2"	2'- 2"	0'- 0"				2'- 2"	0'- 0"	2'- 2"	0'- 0"	
	9	5	9'- 4"	2A507	22		2'- 2"	5'- 0"	2'- 2"				1'- 5"	1'- 5"	1'- 8"	1'- 8"	
	13	5	4'- 4"	2A508	22		2'- 2"	2'- 2"	0'- 0"				2'- 2"	0'- 0"	2'- 2"	0'- 0"	
	6	5	13'- 3"	2A509	STR												
	36	7	7'- 0"	2A701	STR												
	30	7	14'- 6"	2A702	17		3'- 6" ▲										
	6	7	16'- 9"	2A703	17		3'- 6" ▲										
*	17	8	3'- 6"	2EA801	22		1'- 0"	2'- 6"	0'- 0"								
*	16	8	2'- 6"	2EA802	STR												

ITEM	EACH	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O
	WINGWALL 3																
	7	5	4'- 0"	3W501	S10		1'- 6"	1'- 0"	1'- 6"								
	7	5	12'- 8"	3W502	STR												
	14	5	7'- 9"	3W503	STR ▲												
	22	5	5'- 9"	3W504	STR												
*	8	7	8'- 0"	3W701	STR												
	7	7	16'- 8"	3W702	17		4'- 0"	12'- 8"									
	WINGWALL 4																
	8	5	4'- 0"	4W501	S10		1'- 6"	1'- 0"	1'- 6"								
	8	5	12'- 9"	4W502	STR												
	14	5	9'- 8"	4W503	STR ▲												
	22	5	6'- 9"	4W504	STR												
	8	7	8'- 0"	4W701	STR												
*	9	7	16'- 9"	4W702	17		4'- 0"	12'- 9"									

~ 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 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: Fairfield
PROJECT NUMBER: AC STP ST 0298(6)

FILE NAME: /PW/01c182/sc182rss.xls
PROJECT LEADER: Craig Keller
DESIGNED BY: Jeremy Reed
REINFORCING STEEL SCHEDULE SHEET

PLOT DATE: 4/25/2005
DRAWN BY: Kristen Rutter
CHECKED BY: Wayne Symonds
SHEET 29 OF 41