

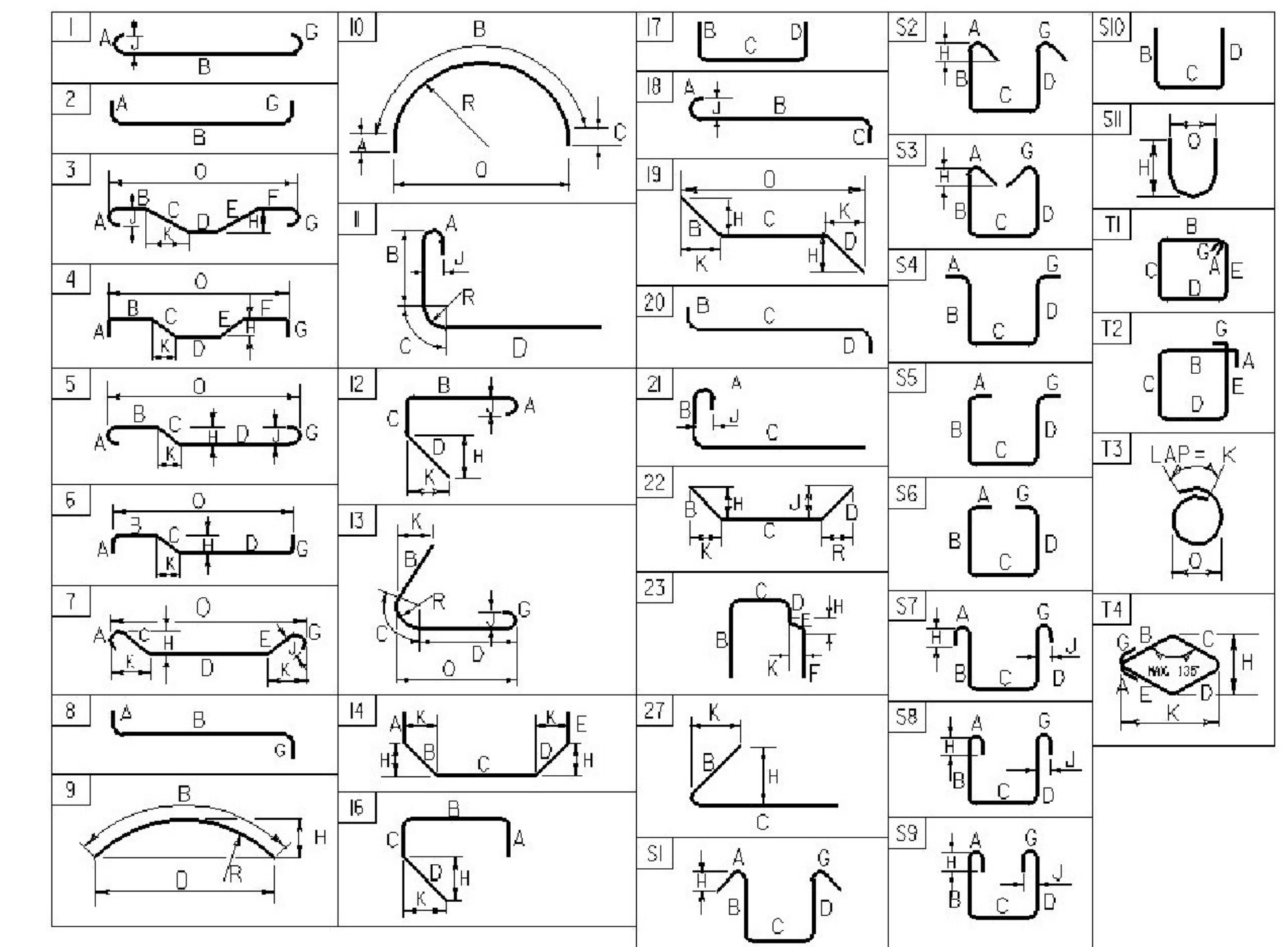
STATE OF VERMONT
AGENCY OF TRANSPORTATION

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					
ABUTMENT NO. 1																																								
	4	5	14'- 10"	1EA501	STR																																			
▲	12	5	19'- 9"	1EA502	STR																																			
▲	32	5	7'- 3"	1EA503	STR																																			
▲	12	5	7'- 3"	1EA504	STR																																			
	3	5	13'- 3"	1EA505	STR																																			
	3	5	14'- 10"	1EA506	STR																																			
	6	5	3'- 7"	1EA507	STR																																			
	6	5	4'- 10"	1EA508	STR																																			
	31	5	3'- 11"	1EA509	17		0'- 10"	3'- 1"	0'- 0"																															
	16	5	3'- 3"	1EA510	17		0'- 10"	2'- 5"	0'- 0"																															
	16	5	2'- 9"	1EA511	17		0'- 10"	1'- 1"	0'- 10"																															
	21	5	3'- 9"	1EA512	17		1'- 7"	0'- 7"	1'- 7"																															
	6	5	4'- 11"	1EA513	22		2'- 0"	0'- 11"	2'- 0"					1'- 5"	1'- 5"	1'- 5"	1'- 5"																							
	6	5	4'- 0"	1EA514	17		2'- 0"	2'- 0"	0'- 0"																															
PIER NO. 2																																								
	9	5	11'- 4"	2EP01	STR																																			
	9	5	5'- 5"	2EP02	STR																																			
▲	9	5	5'- 4"	2EP03	STR																																			
▲	9	5	5'- 6"	2EP04	STR																																			
	30	5	1'- 3"	2EP05	17		0'- 6"	0'- 9"	0'- 0"																															
	32	5	1'- 3"	2EP06	22		0'- 6"	0'- 9"	0'- 0"					0'- 5"	0'- 0"	0'- 2"	0'- 0"																							
PIER NO. 3																																								
▲	4	5	2'- 0"	3EP501	STR																																			
	2	5	12'- 0"	3EP502	T1	0'- 4"	2'- 4"	3'- 4"	2'- 4"	3'- 4"			0'- 4"																											
▲	4	5	4'- 10"	3EP503	17		1'- 3"	2'- 4"	1'- 3"																															
ABUTMENT NO. 2																																								
	8	5	5'- 7"	2EA501	STR																																			
	8	5	2'- 4"	2EA502	17		0'- 10"	1'- 6"	0'- 0"																															
	7	5	2'- 8"	2EA503	17		0'- 7"	1'- 6"	0'- 7"																															

~ 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 (ASTMA 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 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: **TOWNSHEND**
PROJECT NUMBER: **STP SCTT(1)**

FILE NAME: 904225reinf.xls
PROJECT MANAGER: M.D.SARGENT
DESIGNED BY: W.DURACK
REINFORCING STEEL SCHEDULE SHEET #1

PLOT DATE: 4/10/2015
DRAWN BY: P.DUSTIN
CHECKED BY: S.T.JAMES
SHEET 49 OF 60