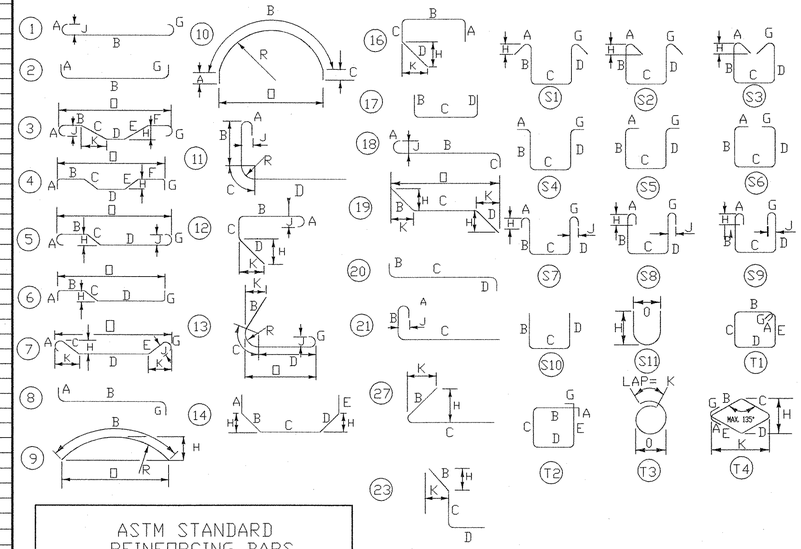
ITEM	NO. PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	D
			DECK														
	444	5	34–9	ES502	STR												
	133	5	6–2	ES503	S5	1–0	1–4	1–6	1–4			1–0					
	133	5	11–0	ES504	S5	1–0	1–4	6–4	1–4			1–0					
	34	5	4–3	ES505	S5	2–2	0–6	1–2	0–5								
	34	5	7–9	ES506	S5	2–2	0–6	2–5	0–6			2–2					
	400	6	40–0	ES601	STR	*											
			APPROACH SLAB NO. 1														
	21	5	31–3	1EAS501	STR	*											
	16	8	3–8	1EAS801	19		1–8	2–0					1–2		1–2		
	38	9	20–8	1EAS901	1	1–3	19–5							0–9			
			APPROACH SLAB NO. 2														
	21	5	31–3	2EAS501	STR												
	16	8	4–2	2EAS801	19		1–8	2–6					1–2		1–2		
	38	9	20–8	2EAS901	1	1–3	19–5	*						0–9			
			ABUTMENT NO. 1														
	36	5	23–3	1A501	STR												
	76	5	7–3	1A502	STR												
	92	5	8–11	1A504	17		1–4	7–7									
	43	5	9–7	1A505	17		2–8	4–3	2–8								
	32	5	15–1	1A506	17		6–8	1–9	6–8								
	10	5	17–9	1A508	17	*	8–0	1–9	8–0								
	6	5	16–0	1A509	14		2–2	11–8	2–2				1–6				
	13	5	24–2	1A512	STR												
	24	5	20–1	1A513	STR												
	11	5	26–3	1A514	STR												
	12	5	5–0	1A515	17		2–6	2–6									
	25	5	9–0	1A516	STR												
	5	5	6–6	1A517	STR												
	14	5	6–0	1A520	17		3–6	2–6									
	10	5	10–0	1A521	STR												
	32	5	8–5	1EA507	17		3–10	0–9	3–10								
	3	5	24–2	1EA512	STR												
	3	5	20–1	1EA513	STR												
	11	5	7–9	1EA518	17		3–2	1–5	3–2								
	4	5	6–3	1EA519	STR												
			WINGWALL NO. 1														
	18	5	22–6	1W501	STR												
	32	5	7–3	1W502	STR												
	19	5	11–5	1W504	17		1–3	10–2									
	19	5	5–7	1W505	STR												
	12	5	18–0	1W507	STR												
	10	5	20–6	1W508	STR												
	17	6	5–7	1W601	STR												
	17	8	11–9	1W801	17		1–3	10–6									
	17	5	7–10	1EW506	17		3–2	1–6	3–2								
	3	5	18–0	1EW507	STR	*											
			WINGWALL NO. 2														
	18	5	21–6	2W501	STR												
	44	5	7–3	2W502	STR												
	2	5	20–7	2W503	19		4–5	16–3					0–8				
	21	5	11–5	2W504	17		1–3	10–2									
	17	5	6–3	2W505	STR	▲											
	17	5	6–2	2W506	17		2–4	1–6	2–4								
	22	5	20–6	2W507	STR	▲											
	17	5	9–0	2W508	14		4–6	4–6					3–2				
	7	5	5–0	2W509	14		2–6	2–6					1–9				
	6	5	8–2	2W510	16		4–3	1–5	2–6				1–9		1–9		
	17	6	6–3	2W601	STR	▲											
	17	8	11–9	2W801	17	*	1–3	10–6									

ITEM	NO. PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	D
			ABUTMENT NO. 2														
	36	5	29–9	2A501	STR												
	100	5	7–3	2A502	STR												
	88	5	8–2	2A503	17		1–4	6–10									
	41	5	9–4	2A504	17		2–8	4–0	2–8								
	41	5	13–2	2A505	17		5–10	1–6	5–10								
	41	5	6–10	2A506	17		3–2	0–6	3–2								
	20	5	29–4	2A507	STR												
	10	5	15–8	2A508	STR	*											
	5	5	15–8	2A509	14		2–2	11–3	2–2								1–6⅜
	11	5	15–0	2A510	STR												
	3	5	8–0	2A511	17		2–3	5–9									
	9	5	6–0	2A512	17		2–6	3–6									
	2	5	13–0	2A513	STR												
	10	5	5–0	2A515	17		2–6	2–6									
	25	5	9–2	2A516	STR												
	5	5	6–6	2A517	STR												
			WINGWALL NO. 3														
	18	5	19–6	3W501	STR												
	24	5	7–3	3W502	STR												
	16	5	10–9	3W504	17		1–3	9–6									
	15	5	5–6	3W505	STR												
	15	5	7–10	3EW506	17		3–2	1–6	3–2								
	12	5	15–0	3W507	STR	▲											
	10	5	17–6	3W508	STR												
	2	5	14–0	3EW509	STR												
	15	6	5–6	3W601	STR	*											
	15	8	11–2	3W801	17		1–3	9–11									
			WINGWALL NO. 4														
	13	5	10–9	4W501	17		1–3	9–6									
	3	5	9–6	4W502	17		2–6	3–0	4–0								
	3	5	10–0	4W503	S5	1–3	3–0	1–6	3–0			1–3					
	4	5	6–6	4W504	17		2–6	4–0									
	13	5	6–2	4W505	STR	▲											
	13	5	6–2	4W506	17		2–4	1–6	2–4								
	20	5	14–6	4W507	STR	▲											
	4	5	8–8	4EW508	STR	*											
	2	5	14–10	4W509	19		3–1	11–9									0–9
	13	6	6–2	4W601	STR												
	13	8	11–1	4W801	17		9–10	1–3									1–2	1–10

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–S1). 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. * ASTERISKS DENOTE EXTRA BARS ADDED FOR TESTING PURPOSES. (NUMBER OF ASTERISKS = NUMBER OF EXTRA BARS.)
10. "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	CROSS SECTIONAL AREA SQ. INCHES	PERIMETER INCHES
#3	.376	.375	.11	1.178
#4	.668	.500	.20	1.571
#5	1.043	.625	.31	1.963
#6	1.502	.750	.44	2.356
#7	2.044	.875	.60	2.749
#8	2.670	1.000	.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

STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of ROYALTON	Bridge No. 6
Highway No. VT RTE 12A	Log Sta. / Surv. Sta.
VT RTE 12A OVER THE 3RD BRANCH OF THE WHITE RIVER	
REINFORCING STEEL SCHEDULE	
Designed By L.M.M.	Drawn By P.H.L.
Checked By Date	CLD Project Manager
PROJECT ROYALTON	PROJECT NO. BRS 0187 (6)
I.G.C. Info.	
Bridge Sheet No. BR 123	Sheet 60 of 76

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