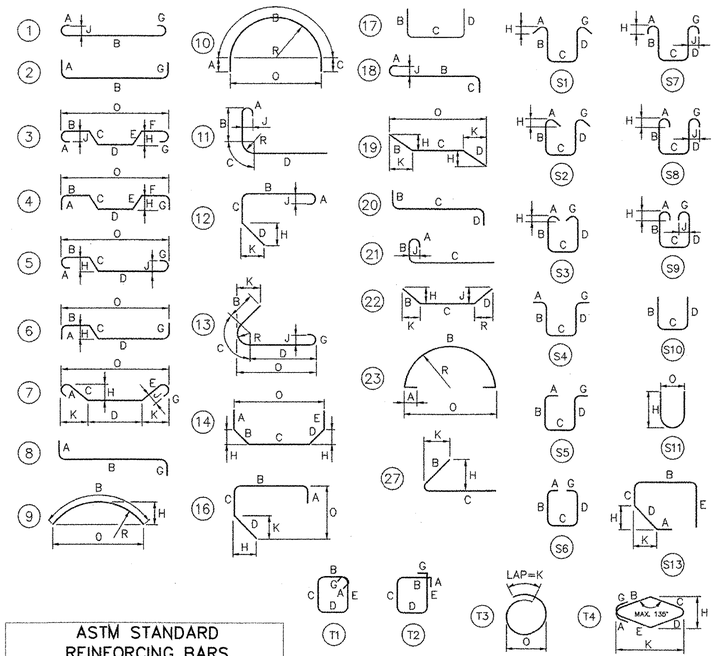
	NO. PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O
					DECK												
*	407	16	10940	ES1601	STR												
*	9	16	10040	ES1604	STR												
*	205	16	12000	ES1606	STR												
*	103	16	7730	ES1607	STR												
	16	19	12840	ES1903	STR												
	288	16	1710	ES1602	S5	250	410	390	410			250					
	68	16	1530	ES1603	16	250	440	220	620				438		438		
	8	16	2960	ES1605	17		1060	840	1060								
*	149	25	6170	ES2501	17		5020	1150	0								
*	139	25	2810	ES2502	22		1540	540	730				1089	516	1089	516	
	68	25	1200	ES2503	19		600	600	0				424		424		1024
					APPROACH SLAB NO. 1												
△	23	16	10040	1EAS1601	STR												
△	43	29	6140	1EAS2901	1	300	5840					0		220			
					APPROACH SLAB NO. 2												
△	23	16	10040	2EAS1601	STR												
△	43	29	6140	2EAS2901	1	300	5840					0		220			
					ABUTMENT NO. 1 PILE CAP												
*	19	19	11640	1EA1901	STR												
*	75	19	2780	1EA1902	STR												
*	80	25	2780	1EA2501	STR												
△	127	16	1340	1EA1601	2	250	840					250					
*	69	25	2960	1EA2502	17		1060	840	1060								
					ABUTMENT NO. 2 PILE CAP												
*	19	19	11640	2EA1901	STR												
*	75	19	2780	2EA1902	STR												
*	80	25	2780	2EA2501	STR												
△	127	16	1340	2EA1601	2	250	840					250					
*	69	25	2960	2EA2502	17		1060	840	1060								
					WINGWALL NO. 1												
▲	21	16	2890	1EW1601	STR												
	9	16	1340	1EW1602	17		600	140	600								
	2	16	3650	1EW1603	19		2730	920	0				1377		2358		
▲△	22	22	4290	1EW2201	17		3340	950	0								
					WINGWALL NO. 2												
▲	21	16	3080	2EW1601	STR												
	9	16	1340	2EW1602	17		600	140	600								
	2	16	3650	2EW1603	19		2730	920	0				1377		2358		
▲△	22	22	4290	2EW2201	17		3340	950	0								
					WINGWALL NO. 3												
▲	21	16	2890	3EW1601	STR												
	9	16	1340	3EW1602	17		600	140	600								
	2	16	3650	3EW1603	19		2730	920	0				1377		2358		
▲△	22	22	4290	3EW2201	17		3340	950	0								
					WINGWALL NO. 4												
▲	21	16	3080	4EW1601	STR												
	9	16	1340	4EW1602	17		600	140	600								
	2	16	3650	4EW1603	19		2730	920	0				1377		2358		
▲△	22	22	4290	4EW2201	17		3340	950	0								

NO. PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O

NOTES

1. UNLESS OTHERWISE DESIGNATED, ALL BAR REINFORCEMENT FOR CONCRETE IN SIZES UP TO AND INCLUDING 55M SHALL CONFROM TO THE REQUIREMENT OF THE "SPECIFICATIONS FOR DEFORMED BILLET-STEEL BARS FOR CONCRETE REINFORCEMENT", AASHTO M 31M (ASTM A 615M-S1). ALL BARS SHALL BE GRADE 400, 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 ARE TO BE SHOWN ONLY WHEN NECESSARY TO RESTRICT HOOK SIZE. OTHERWISE, STANDARD HOOKS ARE TO BE USED.
6. "H" DIMENSION ON STIRRUPS ARE TO BE SHOWN ONLY WHEN NECCESSARY 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 MECHANICAL CONNECTORS.
10. * DENOTES ONE EXTRA BAR ADDED FOR TESTING PURPOSES.
11. △ DENOTES TWO EXTRA BARS ADDED FOR TESTING PURPOSES.
12. "E" IN PREFIX DENOTES EPOXY COATED REINFORCING STEEL.



ASTM STANDARD REINFORCING BARS

BAR SIZE DESIGNATION	NOMINAL MASS kg/m	NOMINAL DIMENSIONS ROUND SECTION: DIAMETER mm	CROSS SECTIONAL AREA mm²	PERIMETER mm
10	0.560	9.5	71	29.84
13	0.994	12.7	129	39.90
16	1.552	15.9	199	49.95
19	2.235	19.1	284	60.00
22	3.042	22.2	387	69.74
25	3.973	25.4	510	79.80
29	5.060	28.7	645	90.16
32	6.404	32.3	819	101.47
36	7.907	35.8	1006	112.47
43	11.380	43.0	1452	135.09
57	20.240	57.3	2581	180.01

VHB Vanasse Hangen Brustlin, Inc.

STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of LYNDON	Bridge No. 2
Highway No. VT 114	Log Sta.
	Surv. Sta.
VT 114 OVER PASSUMPSIC RIVER	
REINFORCING STEEL SCHEDULE	
Designed By L.S. GARDNER	Drawn By B.J. MASSE
Checked By J.T. KLEIN Date 3/06	Bridge Design Supervisor M.A. COLGAN Date 3/06
PROJECT LYNDON	PROJECT NO. BRF 0269(10)
I.G.C. Info.	
Bridge Sheet No. 50544REF	Sheet 39 of 72

PLOTTED 3-14-2006