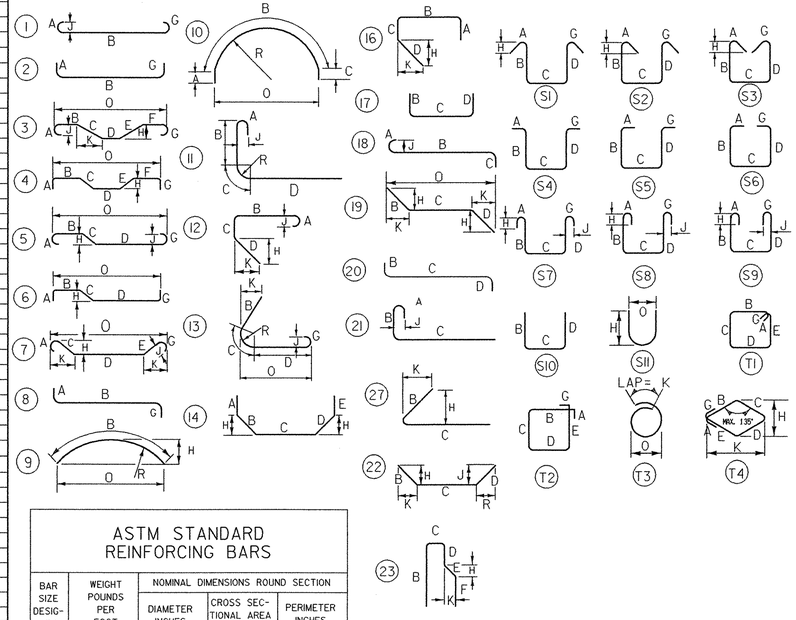
ITEM	NO. PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O
			ABUTMENT NO. 1														
3	75	5	4'-6"	1A501	17		10"	3'-8"									
4 ▲	47	5	10'-7"	1A502	STR.												
5	47	5	6'-1"	1A503	STR.												
6	10	5	41'-8"	1A504	STR.												
7 ✳	40	5	7'-2"	1A505	STR.												
8	7	5	43'-5"	1A506	STR.												
9	12	5	4'-0"	1A507	22		2'-0"	2'-0"					1'-4"		1'-6"		
10	12	5	4'-0"	1A508	22		2'-0"	2'-0"					1'-5"		1'-5"		
11	43	5	6'-4"	1A509	17			2'-10"	3'-6"								
12	43	5	3'-9"	1A510	STR.												
13	3	5	12'-4"	1EA511	17		5'-9"	10"	5'-9"								
14	31	5	10'-10"	1EA512	17		5'-0"	10"	5'-0"								
15	10	5	43'-0"	1A513	STR.												
16	31	5	5'-10"	1A514	16	10"	1'-10"	7"	2'-7"				1'-7"		2'-1"		
17	4	5	38'-0"	1A515	STR.												
18	2	5	42'-11"	1EA516	STR.												
19	7	5	17'-7"	1A517	1	7"	16'-5"					7"		5"			
20	8	5	8'-4"	1A518	1	7"	7'-2"					7"		5"			
21																	
22 ✳	40	6	7'-8"	1A601	17		1'-0"	6'-8"									
23																	
24 ▲	92	7	12'-11"	1A701	17		1'-2"	10'-7"	1'-2"								
25 ✳	25	7	47'-0"	1A702	STR.												
26																	
27 ✳	18	8	9'-4"	1A801	17		1'-4"	8'-0"									
28																	
29	19	8	4'-0"	1EA802	22		2'-0"	2'-0"					1'-5"		1'-5"		
30																	
31			**ABUTMENT NO. 2**														
32	64	5	4'-6"	2A501	17		10"	3'-8"									
33 ▲	40	5	10'-7"	2A502	STR.												
34	41	5	6'-2"	2A503	STR.												
35	10	5	35'-9"	2A504	STR.												
36 ✳	34	5	5'-1"	2A505	STR.												
37	7	5	36'-10"	2A506	STR.												
38	7	5	4'-0"	2A507	22		2'-0"	2'-0"					1'-8"		1'-1"		
39	7	5	4'-0"	2A508	27		2'-0"	2'-0"					1'-7"		1'-2"		
40	37	5	6'-0"	2A509	17			3'-3"	2'-9"								
41	38	5	3'-3"	2A510	STR.												
42	38	5	7'-7"	2A511	17		3'-5"	9"	3'-5"								
43	10	5	36'-8"	2A512	STR.												
44	33	5	5'-2"	2A513	16	10"	1'-7"	7"	2'-2"				1'-6"		1'-6"		
45	4	5	32'-3"	2A514	STR.												
46	7	5	7'-9"	2A515	1	7"	6'-7"					7"		5"			
47	7	5	15'-4"	2A516	1	7"	14'-2"					7"		5"			
48																	
49 ✳	34	6	7'-8"	2A601	17		1'-0"	6'-8"									
50																	
51 ▲	77	7	12'-11"	2A701	17		1'-2"	10'-7"	1'-2"								
52 ✳	25	7	39'-0"	2A702	STR.												
53																	
54 ✳	16	8	9'-4"	2A801	17		1'-4"	8'-0"									
55	17	8	4'-0"	2EA802	22		2'-0"	2'-0"					1'-5"		1'-5"		
56																	
57			**WINGWALL NO. 1**														
58 ✳	5	5	6'-0"	1W501	STR.												
59	2	5	10'-5"	1W502	STR.												
60	8	5	12'-6"	1W503	STR.												
61 ▲	7	5	8'-5"	1W504	STR.												
62	4	5	12'-8"	1W505	STR.												
63 ▲	3	5	17'-10"	1W506	STR.												
64	7	5	11'-10"	1W507	STR.												
65 ▲	7	5	7'-0"	1W508	STR.												
66	10	5	8'-7"	1W509	STR.												
67 ▲	7	5	8'-5"	1W510	STR.												
68	15	5	5'-1"	1W511	17		2'-0"	1'-1"	2'-0"								
69																	
70 ✳	5	6	12'-8"	1W601	STR.												
71 ▲	3	6	17'-10"	1W602	STR.												
72	7	6	11'-10"	1W603	STR.												
73 ▲	7	6	7'-0"	1W604	STR.												
74																	
75			**WINGWALL NO. 2**														
76 ✳	4	5	6'-10"	2W501	STR.												
77	2	5	11'-5"	2W502	STR.												
78	9	5	13'-1"	2W503	STR.												
79	8	5	12'-6"	2W504	STR.												
80	7	5	9'-5"	2W505	STR.												
81 ▲	7	5	9'-4"	2W506	STR.												
82	10	5	5'-10½"	2W507	17		2'-0"	1'-9½"	2'-0"								
83																	
84 ✳	9	6	12'-6"	2W601	STR.												
85 ▲	8	6	7'-9"	2W602	STR.												
86																	
87			**WINGWALL NO. 3**														
88 ✳	4	5	6'-1"	3W501	STR.												
89	1	5	9'-9"	3W502	STR.												
90	8	5	12'-3"	3W503	STR.												
91 ▲	8	5	8'-8"	3W504	STR.												
92	4	5	11'-0"	3W505	STR.												
93 ▲	3	5	18'-5"	3W506	STR.												
94	7	5	11'-4"	3W507	STR.												
95	7	5	7'-3"	3W508	STR.												
96	7	5	8'-4"	3W509	STR.												
97 ▲	8	5	8'-8"	3W510	STR.												
98	16	5	5'-1"	3W511	17		2'-0"	1'-1"	2'-0"								
99																	
100			**WINGWALL NO. 3 (CONTINUED)**														
101 ✳	5	6	10'-10"	3W601	STR.												
102 ▲	3	6	18'-5"	3W602	STR.												
103	7	6	10'-7"	3W603	STR.												
104	7	6	7'-3"	3W604	STR.												
105																	
106			**WINGWALL NO. 4**														
107 ✳	4	5	6'-9"	4W501	STR.												
108	2	5	10'-7"	4W502	STR.												
109	6	5	12'-9"	4W503	STR.												
110 ▲	7	5	8'-7"	4W504	STR.												
111	5	5	10'-1"	4W505	STR.												
112 ▲	3	5	17'-4"	4W506	STR.												
113	7	5	10'-0"	4W507	STR.												
114	7	5	6'-11"	4W508	STR.												
115	8	5	8'-10"	4W509	STR.												
116 ▲	7	5	8'-7"	4W510	STR.												
117	13	5	5'-9½"	4W511	17		2'-0"	1'-9½"	2'-0"								
118																	
119 ✳	6	6	11'-3"	4W601	STR.												
120 ▲	3	6	18'-5"	4W602	STR.												
121	8	6	11'-1"	4W603	STR.												
122 ▲	8	6	6'-11"	4W604	STR.												
123																	
124			**PIER**														
125 ✳	37	5	13'-6"	P501	STR.												
126	14	5	35'-6"	P502	STR.												
127	28	5	23'-0"	P503	STR.												
128	29	5	7'-8"	P504	S11												2'-4"
129	56	5	12'-3"	P505	T1	5½"	3'-4"	2'-4"	3'-4"	2'-4"		5½"					
130	2	5	11'-6"	P506	STR.												
131	2	5	12'-7½"	P507	STR.												
132	2	5	27'-9½"	P508	STR.												
133	2	5	35'-6½"	P509	STR.												
134	2	5	38'-4"	P510	STR.												
135	2	5	18'-3"	P511	STR.												
136	32	5	6'-10"	P512	17		2'-3"	2'-4"	2'-3"								
137	8	5	10'-10½"	P513	22		2'-5"	6'-5½"	2'-0"								
138	6	5	6'-2½"	P514	17		2'-0"	2'-2½"	2'-0"								
139	4	5	7'-0"	P515	STR.												
140																	
141	4	6	9'-4"	P601	T1	6"	2'-6"	1'-8"	2'-6"	1'-8"		6"					
142	4	6	9'-7½"	P602	T1	6"	2'-7¾"	1'-8"	2'-7¾"	1'-8"		6"					
143	4	6	9'-11"	P603	T1	6"	2'-9½"	1'-8"	2'-9½"	1'-8"		6"					
144	4	6	10'-3"	P604	T1	6"	2'-11½"	1'-8"	2'-11½"	1'-8"		6"					
145	4	6	10'-6½"	P605	T1	6"	3'-1¼"	1'-8"	3'-1¼"	1'-8"		6"					
146	4	6	10'-10"	P606	T1	6"	3'-3"	1'-8"	3'-3"	1'-8"		6"					
147	4	6	11'- 1½"	P607	T1	6"	3'-4¾"	1'-8"	3'-4¾"	1'-8"		6"					
148	4	6	11'-5"	P608	T1	6"	3'-6½"	1'-8"	3'-6½"	1'-8"		6"					
149	4	6	11'-9"	P609	T1	6"	3'-8½"	1'-8"	3'-8½"	1'-8"		6"					
150	4	6	12'-0½"	P610	T1	6"	3'-10¼"	1'-8"	3'-10¼"	1'-8"		6"					
151	4	6	12'-4"	P611	T1	6"	4'-0"	1'-8"	4'-0"	1'-8"		6"					
152																	
153	44	10	16'-4"	P1001	1	1'-5"	13'-6"					1'-5"					
154	14	10	35'-6"	P1002	STR.												
155	28	10	12'-5"	P1003	1	1'-5"	11'-0"										
156	54	10	11'-0"	P1004	17		1'-8"	9'-4"									
157 ✳	55	10	18'-6"	P1005	STR.												
158	14	10	20'-8"	P1006	17		2'-0"	18'-8"									
159	14	10	23'-5"	P1007	1	1'-5"	22'-0"										
160																	
161			**DECK**														
162 ✳	471	5	39'-0"	ES501	STR.												
163	183	5	10'-2"	ES502	S5	10"	1'-4"	5'-10"	1'-4"								10"
164	186	5	6'-1"	ES503	S5	10"	1'-4"	1'-9"	1'-4"								10"
165	37	5	8'-6"	ES504	S5	10"	1'-4"	4'-3"	1'-4"								10"
166	4	5	36'-11"	ES505	STR.												
167	43	5	7'-1"	ES506	S5	10"	1'-4"	2'-9"	1'-4"								10"
168	5	5	42'-10"	ES507	STR.												
169	1	5	9'-1"	ES508	S6	10"	1'-4"	4'-9"	1'-4"								10"
170	1	5	8'-2"	ES509	S6	10"	1'-4"	3'-10"	1'-4"								10"
171	1	5	7'-2"	ES510	S6	10"	1'-4"	2'-10"	1'-4"								10"
172	1	5	6'-3"	ES511	S6	10"	1'-4"	1'-11"	1'-4"								10"
173	1	5	8'-9"	ES512	S6	10"	1'-4"	4'-7"	1'-4"								10"
174	1	5	7'-6"	ES513	S6	10"	1'-4"	3'-2"	1'-4"								10"
175	1	5	5'-4"	ES514	S6	10"	1'-4"	1'-0"	1'-4"								10"
176																	
177 ▲	380	6	30'-1"	ES601	STR.												
178 ▲	380	6	31'-5"	ES602	1	8"	30'-1"					8"					6"
179	26	6	40'-1"	ES603	STR.												
180	26	6	15'-0"	ES604	STR.												
181																	
182			**APPROACH SLAB NO. 1**														
183	38	5	17'-0"	1EAS501	STR.												
184																	
185 ✳	30	9	25'-2"	1EAS901	1	1'-3"	23'-11"										11¾"
186																	
187																	
188			**APPROACH SLAB NO. 2**														
189 ✳	47	5	14'-2"	2EAS501	STR.												
190																	
191	29	9	25'-7"	2EAS902	1	1'-3"	24'-4"										11¾"
192																	
193																	
194																	
195																	
196																	

~ 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 615-91). 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	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 HUNTINGTON	Bridge No. 42
Highway No. T.H. 4	Log Sta.
	Surv. Sta.

EAST STREET (T.H. #4) OVER HUNTINGTON RIVER

REINFORCING STEEL SCHEDULE

Designed By T. KNIGHT	Drawn By J. SOTER
Checked By M. CHENETTE Date 08/05	Bridge Design Supervisor M. CHENETTE Date 09/05
PROJECT HUNTINGTON	PROJECT NO. BRO 1445 (29)
DH Dgn.: ...\Cadd\Trans\z01j302rebar.dgn	Plot Date: 1/12/2006
Bridge Sheet No.	Sheet 55 of 63