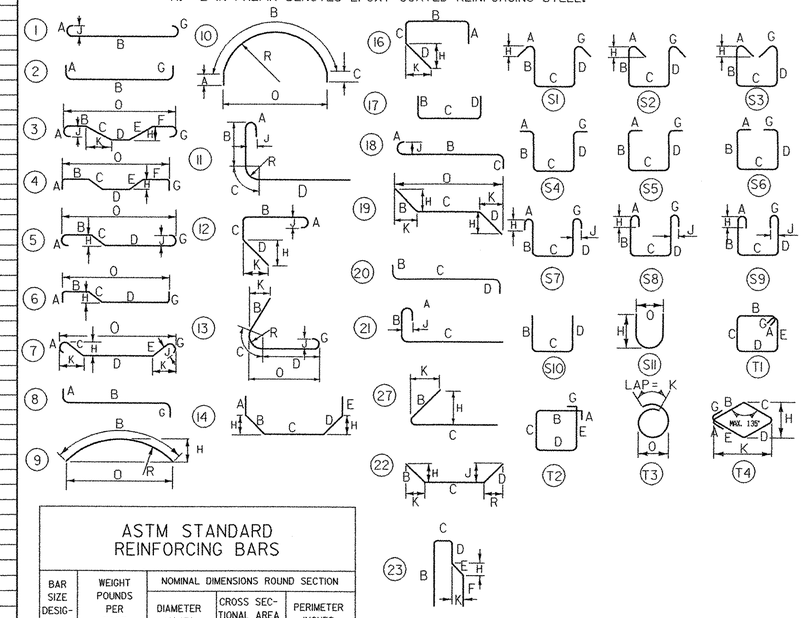
ITEM	NO. PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O
			DECK														
4	246	5	35'-0"	ES501	STR												
5	201	5	5'-3"	ES502	S5	0'-10"	1'-5"	0'-9"	1'-5"			0'-10"					
6	44	5	10'-5"	ES503	S5	1'-11"	3'-2"	0'-7"	2'-11"			1'-11"					
7	4	5	27'-5"	ES504	STR												
8 ✳	5	5	27'-1"	ES505	STR												
9	56	5	4'-6"	ES506	16	0'-10"	1'-7"	0'-9"	1'-4"				0'-11½"				
15	151	6	28'-4"	ES601	1	0'-8"	27'-0"					0'-8"		0'-5"			
12	151	6	27'-0"	ES602	STR												
13	22	6	32'-0"	ES603	STR												
14	4	6	27'-5"	ES604	STR												
15	4	6	27'-1"	ES605	STR												
16 ✳	13	6	5'-0"	ES606	STR												
18	30	8	2'-6"	ES801	16			1'-6"	1'-0"				0'-8½"		0'-8½"		
21			**APPROACH SLAB NO.1**														
23	17	5	25'-10"	1EAS501	STR												
25 ✳	53	6	15'-9"	1EAS601	1	1'-3"	14'-6"										
28			**APPROACH SLAB NO.2**														
30 ✳	18	5	25'-7"	2EAS501	STR												
32	52	6	15'-9"	2EAS601	1	1'-3"	14'-6"										
35			**ABUTMENT NO.1**														
37	21	5	3'-8"	1A501	17		1'-3"	1'-2"	1'-3"								
38	7	5	3'-2"	1A502	17		1'-0"	1'-2"	1'-0"								
39	14	5	2'-6"	1A503	STR												
40	14	5	2'-0"	1A504	STR												
41	9	5	8'-4"	1A505	STR												
42	3	5	7'-3"	1A506	STR												
43	2	5	16'-0"	1A507	STR												
44	2	5	30'-1"	1A508	STR												
45	30	5	2'-6"	1A509	17		1'-0"	0'-6"	1'-0"								
46 ▲	5	5	7'-2"	1A510	STR												
47 ▲	9	5	5'-11"	1A511	STR												
48	1	5	0'-10"	1A512	STR												
49	1	5	1'-4"	1A513	22		0'-4"	1'-0"					0'-2½"		0'-3"		
50	2	5	12'-8"	1A514	22		12'-4"	0'-4"					4'-7¾"		11'-5¾"		
51 ▲	6	5	10'-0"	1A515	22		2'-0"	8'-0"					1'-3¾"		1'-6"		
52 ▲	4	5	14'-0"	1A516	22		2'-0"	12'-0"					1'-3¾"		1'-6"		
53 ✳	3	5	3'-8"	1A517	STR												
54	2	5	9'-7"	1A518	STR												
55	2	5	1'-10"	1A519	17		0'-8"	0'-6"	0'-8"								
56 ▲	7	5	3'-7"	1A520	STR												
57 ▲	9	5	7'-1"	1A521	STR												
58	1	5	1'-4"	1A522	22		0'-8"	0'-8"					0'-4½"		0'-6½"		
59	1	5	1'-8"	1A523	22		0'-10"	0'-10"					0'-8¼"		0'-5¾"		
60	2	5	16'-9"	1A524	22		9'-8"	6'-3"	0'-10"				1'-10¾"	0'-4¼"	9'-5½"	0'-9"	
61 ▲	8	5	9'-1"	1A525	22		2'-0"	7'-1"					1'-7¾"		1'-1¾"		
62 ▲	6	5	13'-1"	1A526	22		2'-0"	11'-1"					1'-7¾"		1'-1¾"		
63	2	5	5'-8"	1A527	STR												
67			**ABUTMENT NO.2**														
69	14	5	3'-10"	2A501	17		1'-4"	1'-2"	1'-4"								
70	7	5	3'-2"	1A502	17		1'-0"	1'-2"	1'-0"								
71	7	5	2'-8"	2A503	17		0'-9"	1'-2"	0'-9"								
72	14	5	2'-4"	2A504	STR												
73	7	5	2'-0"	2A505	STR												
74	7	5	1'-9"	2A506	STR												
75	9	5	8'-4"	2A507	STR												
76	3	5	7'-3"	2A508	STR												
77	2	5	16'-0"	2A509	STR												
78	2	5	29'-11"	2A510	STR												
79	28	5	2'-6"	2A511	17		1'-0"	0'-6"	1'-0"								
80 ▲	14	5	4'-10"	2A512	STR												
81	2	5	7'-11"	2A513	STR												
82	1	5	0'-6"	2A514	STR												
83	1	5	1'-3"	2A515	22		0'-7"	0'-8"					0'-6¾"		0'-1¾"		
84	2	5	14'-5"	2A516	22		13'-11"	0'-6"					2'-10"		13'-8"		
85 ▲	6	5	16'-8"	2A517	22		2'-0"	14'-8"					1'-11¼"		0'-6¼"		
86 ▲	8	5	3'-0"	2A518	22		2'-0"	1'-0"					1'-11¼"		0'-6¼"		
87	2	5	6'-8"	2A519	STR												
88	2	5	14'-3"	2A520	STR												
89 ✳	9	5	4'-8"	2A521	STR												
90	2	5	6'-1"	2A522	STR												
91	1	5	1'-9"	2A523	22		0'-8"	1'-1"					0'-7½"		0'-10¾"		
92	1	5	2'-1"	2A524	22		0'-10"	1'-3"					0'-8½"		1'-0¼"		
93	2	5	9'-6"	2A525	22		7'-8"	1'-10"					2'-10"		7'-1½"		
94 ▲	8	5	10'-9"	2A526	22		2'-0"	8'-9"					1'-1¾"		1'-7¾"		
95 ▲	4	5	4'-0"	2A527	22		2'-0"	2'-0"					1'-1¾"		1'-7¾"		

ITEM	NO. PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O
			PIER														
102	10	5	17'-6"	P501	17		1'-4"	16'-2"									
103	4	5	30'-0"	P502	STR												
104	31	5	10'-3"	P503	T1	0'-5½"	3'-4"	1'-4"	3'-4"	1'-4"		0'-5½"					
105	2	5	14'-2"	P504	17		5'-5"	3'-4"	5'-5"								
106	50	5	2'-0"	P505	STR												
103 △	13	5	3'-1"	P506	STR												

~ 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 NORWICH	Bridge No. 46
Highway No. T.H. 3	Log Sta. / Surv. Sta.

TOWN HIGHWAY NO. 3 OVER OMPOMPANOOSUC RIVER

REINFORCING STEEL SCHEDULE

Designed By S. BURBANK	Drawn By A. THIBAULT
Checked By M. CHENETTE Date 12/03	Bridge Design Supervisor M. CHENETTE Date 12/03
PROJECT NORWICH	PROJECT NO. TH2-9625
DH CAD Filename: ...\Norw-reinf.dgn	Plot Date: 03/31/2004
Bridge Sheet No.	Sheet 31 of 40

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