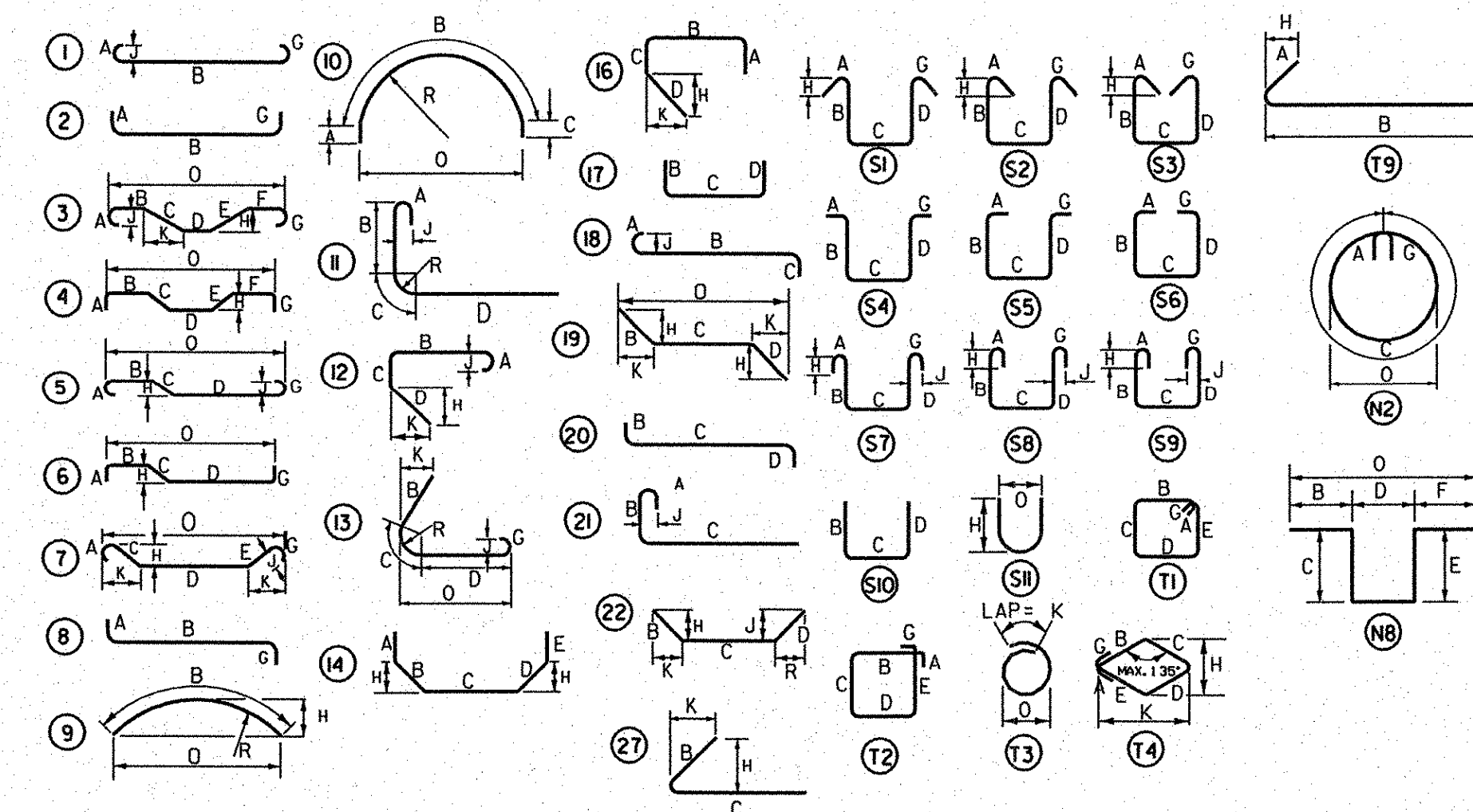




ROARING BRANCH - SOUTHBOUND VT ROUTE 279

ITEM	NO. OF PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O
ABUTMENT 1																	
1																	
* 2	70	16	14400	1AF1801	STR.												
* 3	50	16	5385	1AF1802	STR.												
4	49	16	660	1AF1803	STR.												
5																	
* 6	51	25	4440	1AF2501	STR.												
7	7	25	2800	1AF2502	STR.												
8	21	25	4530	1AF2503	STR.												
9	7	25	4120	1AF2504	STR.												
* 10	50	25	5465	1AF2505	STR.												
11																	
12	52	32	4440	1AF3201	STR.												
13																	
14	49	16	1580	1AF1804	2	250	1330										
15	49	16	2880	1AF1805	17	660	1340	660									
16	19	16	2091	1AF1806	19	1341	750						1324		211		
17	19	16	2091	1AF1807	27	1341	750						1324		211		
18																	
19	49	25	2480	1AF2508	2	430	2050										
20																	
ABUTMENT 2																	
21																	
22	47	16	16550	2AF1801	STR.												
23	14	16	14300	2AF1802	STR.												
* 24	49	16	3790	2AF1803	STR.												
25	49	16	660	2AF1804	STR.												
26	49	16	3710	2AF1805	STR.												
27																	
28	53	22	4340	2AF2201	STR.												
29																	
* 30	52	25	4340	2AF2501	STR.												
31	10	25	4155	2AF2502	STR.												
32	27	25	4570	2AF2503	STR.												
33	9	25	2615	2AF2504	STR.												
34																	
* 35	98	16	1580	2AF1808	2	250	1330										
36	50	16	3060	2AF1807	17	660	1740	660									
37	14	16	2524	2AF1808	19	1774	750						1724		417		
38	14	16	2524	2AF1809	27	1774	750						1724		417		
39																	
WINGWALL 2																	
40																	
41	16	16	5100	2W1801	STR.												
42	16	16	4950	2W1802	STR.												
43	15	16	5055	2W1803	STR.												
* 44	37	16	4940	2W1804	STR.												
45																	
* 46	16	22	4440	2W2201	STR.												
47	16	22	5055	2W2202	STR.												
48																	
* 49	17	25	4440	2W2501	STR.												
50																	
51	15	16	1580	2W1805	2	250	1330										
52																	
* 53	16	22	2100	2W2203	2	380	1720										
54																	
WINGWALL 6																	
55																	
* 56	9	16	6090	6W1801	STR.												
57	13	16	2880	6W1802	STR.												
* 58	16	16	2880	6W1803	STR.												
59																	
* 60	10	22	4340	6W2201	STR.												
* 61	9	22	6090	6W2202	STR.												
62																	
* 63	10	25	4340	6W2501	STR.												
64																	
65	8	16	1580	6W1804	2	250	1330										
66	8	16	1860	6W1805	17	660	540	660									
67	3	16	2065	6W1806	3	434	1631						240		1613		
68																	
* 69	9	22	2100	6W2203	2	380	1720										
70																	
71																	
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NOTES:

- UNLESS OTHERWISE DESIGNATED, ALL BAR REINFORCEMENT FOR CONCRETE IN SIZES UP TO AND INCLUDING 57M SHALL CONFORM TO THE REQUIREMENTS OF THE "SPECIFICATIONS FOR DEFORMED BILLET-STEEL BARS FOR CONCRETE REINFORCEMENT", AASHTO M 31M/ASTM A 615-S10. ALL BARS SHALL BE GRADE 420 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 WHEN NECESSARY TO MAINTAIN CLEARANCES.
- "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.

LEGEND:

- ▲ DENOTES BARS TO BE CUT IN THE FIELD.
- * DENOTES ONE EXTRA BAR ADDED FOR TESTING PURPOSES.
- △ DENOTES TWO EXTRA BARS ADDED FOR TESTING PURPOSES.
- "E" IN PREFIX DENOTES EPOXY COATED REINFORCING STEEL.
- "S" IN PREFIX DENOTES STAINLESS REINFORCING STEEL.
- "XAMXXXX" DENOTES VT279 NB ABUTMENT
- "XAFXXXX" DENOTES VT279 SB ABUTMENT
- "XAXXXXX" DENOTES RAMP A ABUTMENT
- "XADXXXX" DENOTES RAMP D ABUTMENT

BAR SIZE DESIGNATION	NOMINAL MASS (kg/m)	NOMINAL DIMENSIONS ROUND SECTION		
		DIAMETER (mm)	CROSS SECTIONAL AREA (mm ²)	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

STATE OF VERMONT AGENCY OF TRANSPORTATION

Town Of BENNINGTON Bridge No. B15S
 Highway No. VT RTE 279 Log Sta. _____
 Surv. Sta. _____
 VT ROUTE 279 & RAMPS OVER ROARING BRANCH OF WALLLOOMSAC RIVER

REINFORCING STEEL SCHEDULE (SHEET 2 OF 6)

Designed By M.D. BOWER Drawn By R.G. COCOL
 Checked By B.J. CARLSON Date 06/08 Bridge Design Supervisor K.M. WOJTKOWSKI Date 06/08
 PROJECT BENNINGTON PROJECT NO. AC NH 019-(151)
 TVGA CAD Drawing No. SteelSch.dgn Date 02/02/2009
 Bridge Sheet No. BR315 Sheet 302 of 367

