ITEM	NO. PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O
				BRIDGE 6 NORTHBOUND													
*	91	5	27-6	6S501N	STR												
	242	5	3-10	6S504N	17		1-1	2-1	0-8								
	225	5	3-1	6S505N	17		1-1	1-4	0-8								
	467	5	1-2½	6S506N	19		0-6½	0-8									
				BRIDGE 6 SOUTHBOUND													
*	91	5	26-4	6S501S	STR												
	242	5	3-10	6S504S	17		1-1	2-1	0-8								
	225	5	3-1	6S505S	17		1-1	1-4	0-8								
	467	5	1-2½	6S506S	19		0-6½	0-8									
				BRIDGE 8													
*	131	5	28-1	8S501	STR												
	716	5	3-10	8S504	17		1-1	2-1	0-8								
	716	5	1-2½	8S506	19		0-6½	0-8									
				BRIDGE 15 NORTHBOUND													
*	81	5	27-2	15S501N	STR												
	209	5	3-10	15S504N	17		1-1	2-1	0-8								
	217	5	3-1	15S505N	17		1-1	1-4	0-8								
	426	5	1-2½	15S506N	19		0-6½	0-8									
				BRIDGE 15 SOUTHBOUND													
*	81	5	27-3	15S501S	STR												
	217	5	3-10	15S504S	17		1-1	2-1	0-8								
	217	5	3-1	15S505S	17		1-1	1-4	0-8								
	434	5	1-2½	15S506	19		0-6½	0-8									
				BRIDGE 16 NORTHBOUND													
*	151	5	28-11	16S501N	STR												
	40	5	0-8	16S503N	STR												
	822	5	3-10	16S504N	17		1-1	2-1	0-8								
	822	5	1-2½	16S506N	19		0-6½	0-8									
				BRIDGE 16 SOUTHBOUND													
*	161	5	29-6	16S501S	STR												
	40	5	0-8	16S503S	STR												
	902	5	3-10	16S504S	17		1-1	2-1	0-8								
	902	5	1-2½	16S506S	19		0-6½	0-8									
				BRIDGE 17 NORTHBOUND													
*	331	5	28-9	17S501N	STR												
	40	5	0-8	17S503N	STR												
	1796	5	3-10	17S504N	17		1-1	2-1	0-8								
	1796	5	1-2½	17S506N	19		0-6½	0-8									
				BRIDGE 17 SOUTHBOUND													
*	331	5	29-0	17S501S	STR												
	40	5	0-8	17S503S	STR												
	1812	5	3-10	17S504S	17		1-1	2-1	0-8								
	1812	5	1-2½	17S506S	19		0-6½	0-8									

ITEM	NO. PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O
				BRIDGE 18 NORTHBOUND													
*	111	5	27-0	18S501N	STR												
	588	5	3-10	18S504N	17		1-1	2-1	0-8								
	588	5	1-2½	18S506N	19		0-6½	0-8									
				BRIDGE 18 SOUTHBOUND													
*	121	5	26-0	18S502S	STR												
	612	5	3-10	18S504S	17		1-1	2-1	0-8								
	612	5	1-2½	18S506S	19		0-6½	0-8									
				BRIDGE 10													
				NORTHWEST CORNER													
*	17	5	1-6	10S501NW	STR												
	3	5	17-3	10S502NW	STR	▲											
	9	5	3-5	10S503NW	17	▲	1-6	0-5	1-6								
				NORTHEAST CORNER													
	17	5	1-6	10S501NE	STR												
	2	5	17-0	10S502NE	STR	▲											
	9	5	3-5	10S503NE	17	▲	1-6	0-5	1-6								
				SOUTHWEST CORNER													
	12	5	1-6	10S501SW	STR												
	2	5	13-4	10S502SW	STR	▲											
	9	5	3-5	10S503SW	17	▲	1-6	0-5	1-6								
				SOUTHEAST CORNER													
	13	5	1-6	10S501SE	STR												
	2	5	14-1	10S502SE	STR	▲											
	9	5	3-5	10S503SE	17	▲	1-6	0-5	1-6								
				BRIDGE 21													
				SOUTHWEST CORNER													
	17	5	1-6	21S501SW	STR												
	2	5	8-10	21S502SW	STR	▲											
				SOUTHEAST CORNER													
	13	5	1-6	21S501SE	STR												
	4	5	8-6	21S502SE	STR	▲											
				NORTHWEST CORNER													
	12	5	1-6	21S501NW	STR												
	2	5	8-10	21S502NW	STR	▲											
				NORTHEAST CORNER													
	16	5	1-6	21S501NE	STR												
	3	5	9-4	21S502NE	STR	▲											

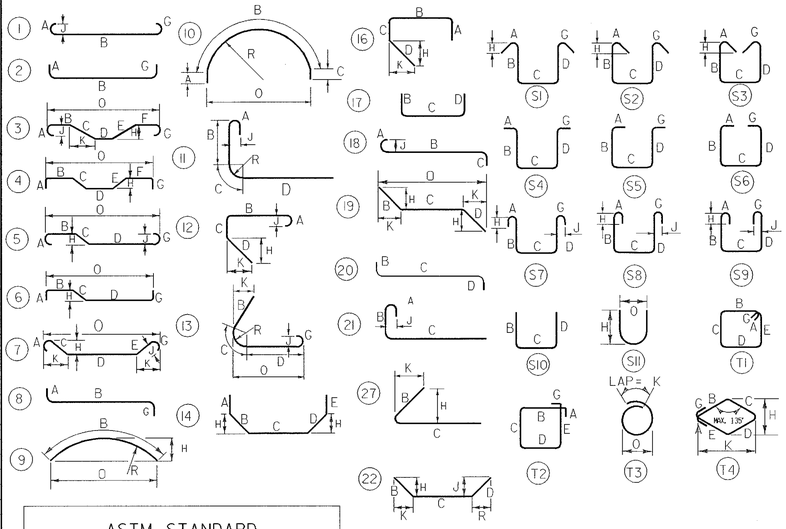
MARK KEY

EXAMPLE: 6S05N

BRIDGE NO. 6 — NORTHBOUND

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

PLOTTED 20-NOV-2000

STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of HARTFORD-SHARON-ROYALTON	Bridge No.
Highway No. 189	Log Sta.
	Surv. Sta.

REINFORCING STEEL SCHEDULE

Designed By C. MEUNIER	Drawn By S. MAGNAN
Checked By J.P. SPILAK Date 2/95	Bridge Design Supervisor G.S. ROGERS Date 2/95
PROJECT HARTFORD-SHARON-ROYALTON	PROJECT NO. IM IR 089-1(8)
I.G.C. \\vtfp\coddf\filingcabinet$\87d008\Structures\sa008qnt.dgn sa008barl	
Bridge Sheet No. BR 136	Sheet 93 of 260