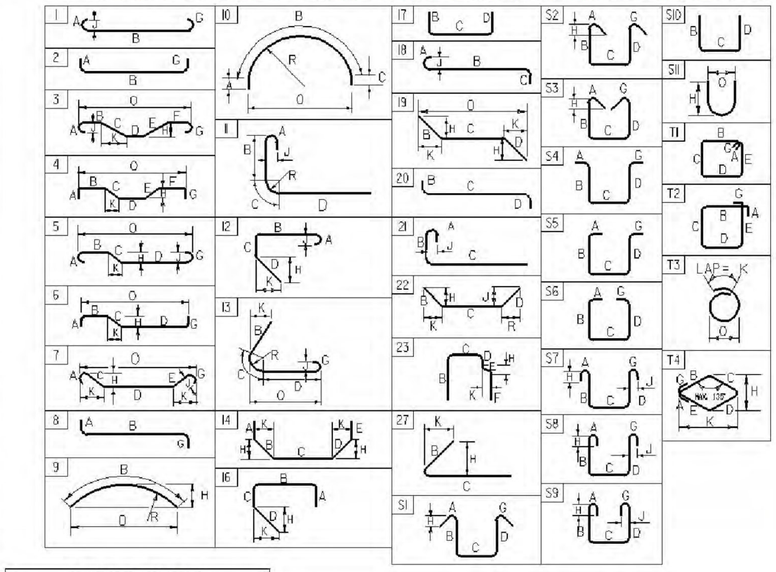
STATE OF VERMONT
AGENCY OF TRANSPORTATION

REINFORCING STEEL SCHEDULE

ITEM	EACH	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O
	BRIDGE DECK & INTEGRAL BACKWALL																
	862	5	23'- 3"	ED501	STR												
	945	5	46'- 8"	ED502	STR												
	328	5	40'- 0"	ED503	STR												
	1722	5	12'- 6"	ED504	1	0'- 7"	11'- 11"	---	---	---	---	0'- 0"	---	0'- 5"	---	---	---
	84	5	6'- 4"	ED505	17	---	2'- 3"	1'- 10"	2'- 3"	---	---	---	---	---	---	---	---
	42	5	19'- 0"	ED506	S5	1'- 8"	5'- 8"	2'- 2"	6'- 11"	---	---	2'- 7"	---	---	---	---	---
	86	5	6'- 8"	ED507	14	3'- 3"	0'- 9"	2'- 8"	0'- 0"	0'- 0"	---	---	0'- 7"	---	0'- 6"	---	---
	42	5	16'- 1"	ED508	S5	1'- 8"	4'- 2"	2'- 2"	5'- 6"	---	---	2'- 7"	---	---	---	---	---
	862	5	20'- 0"	ED509	STR												
	862	6	27'- 11"	ED601	1	0'- 8"	27'- 3"	---	---	---	---	0'- 0"	---	0'- 6"	---	---	---
36	~~32~~	6	42'- 8"	ED602	2	1'- 0"	40'- 8"	---	---	---	---	1'- 0"	---	---	---	---	---
8	~~4~~	6	40'- 11"	ED603	STR												
△	46	6	3'- 0"	ED604	STR												
	862	6	17'- 3"	ED605	1	0'- 8"	16'- 7"	---	---	---	---	0'- 0"	---	0'- 6"	---	---	---
	16	9	44'- 1"	ED901	2	1'- 7"	40'- 11"	1'- 7"	---	---	---	---	---	---	---	---	---
	16	9	40'- 11"	ED902	STR												
	F SHAPE BARRIERS																
	24	4	9'- 7"	EB401	STR												
	80	4	14'- 8"	EB402	STR												
	4	4	12'- 11"	EB403	STR												
△	26	4	4'- 8"	EB404	STR												
	4	4	10'- 10"	EB405	STR												
	8	4	14'- 3"	EB407	STR												
	1478	5	4'- 2"	EB501	SEE 'F BARRIER DETAILS' SHEET FOR BEND DETAILS												
	1642	5	5'- 5"	EB502	SEE 'F BARRIER DETAILS' SHEET FOR BEND DETAILS												
	1642	5	5'- 2"	EB503	SEE 'F BARRIER DETAILS' SHEET FOR BEND DETAILS												
	20	5	5'- 6"	EB504	S5	0'- 6"	1'- 11"	0'- 8"	1'- 11"	---	---	0'- 6"	---	---	---	---	---
✳	25	5	5'- 6"	EB505	STR												
	168	5	5'- 8"	EB506	SEE 'F BARRIER DETAILS' SHEET FOR BEND DETAILS												
	92	7	9'- 7"	EB701	STR												
	320	7	14'- 8"	EB702	STR												
	16	7	12'- 11"	EB703	STR												
	96	7	4'- 8"	EB704	STR												
	16	7	10'- 10"	EB705	STR												
	28	7	14'- 3"	EB707	STR												
	8	7	2'- 6"	EB708	STR												
	8	7	2'- 8"	EB709	STR												
△	10	7	2'- 10"	EB710	STR												
	8	7	3'- 0"	EB711	STR												
	8	7	3'- 2"	EB712	STR												
	8	7	5'- 5"	EB713	22	---	2'- 3"	3'- 2"	0'- 0"	---	---	---	0'- 8"	0'- 0"	2'- 2"	0'- 0"	---
	4	7	6'- 10"	EB714	STR												
	4	7	11'- 8"	EB716	STR												
	APPROACH SLABS																
	151	5	40'- 10"	EAS501	STR												
	57	9	30'- 1"	EAS902	1	1'- 3"	28'- 10"	---	---	---	---	0'- 0"	---		---	---	---
✳	52	9	20'- 7"	EAS903	1	1'- 3"	19'- 4"	---	---	---	---	0'- 0"	---		---	---	---

~ 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-SI). 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 BAR MARK PREFIX DENOTES EPOXY COATED REINFORCING STEEL.
12. ** DENOTES BAR IS PART OF A COUPLER SYSTEM. ADDITIONAL BARS, 12" IN LENGTH, ADDED PER VTRANS MATERIAL TESTING STD



ASTM STANDARD REINFORCING BARS

BAR SIZE DESIGNATION	WEIGHT POUNDS PER FOOT	NOMINAL DIMENSIONS ROUND SECTION		
		DIAMETER INCHES	AREA INCHES²	PERIMETER INCHES
#3	0.376	0.375	0.11	1.178
#4	0.668	0.500	0.20	1.571
#5	1.043	0.625	0.31	1.963
#6	1.502	0.750	0.44	2.356
#7	2.044	0.875	0.60	2.749
#8	2.670	1.000	0.79	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

AS-BUILT
RECORD PLANS

PROJECT NAME: **BRATTLEBORO**
PROJECT NUMBER: **AC IM 091-I(50)**

FILE NAME: **ZB-100-BR6-506.xls** PLOT DATE: **9/27/2011**
PROJECT MANAGER: **Brian W. Clogston P.E.** DRAWN BY: **Scott Morgan**
DESIGNED BY: **Josh Olund** CHECKED BY: **Joe Krajewski**
BR 6S REINFORCING STEEL SCHEDULE SHEET SHEET **1** OF **1**