

ASTM STANDARD REINFORCING BARS				
BAR SIZE DESIG- NATION	WEIGHT POUNDS PER FOOT	NOMINAL DIMENSIONS ROUND SECTION		
		DIAMETER INCHES	CROSS SEC- TIONAL 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

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 ~~A615-81~~) GRADE 60.
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° AND 135° HOOKS.
5. "J" DIMENSION ON 180° 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° DIMENSIONS "H" AND "K" MUST BE SHOWN

▲ DENOTES BARS TO BE CUT TO FIT IN FIELD
* DENOTES TWO EXTRA BARS ADDED FOR TESTING PURPOSES.

REV. NO.	MADE, BY	DATE	DESCRIPTION
1	J. WOOD	8/11/75	AASHO. CHANGED TO AASHTO. AND GRADE 40 CHANGED TO GRADE 60.

STATE OF VERMONT DEPARTMENT OF HIGHWAYS	
TOWN OF	BRIDGE NO.
GEORGIA	10
HIGHWAY NO.	LOG STA.
TH #1	
SURV. STA. REV 18+15.00	
TH #1 OVER LAMOILLE RIVER	
REINFORCING STEEL SCHEDULE	
DESIGNED BY C.P. Williams	DRAWN BY M. RYAN
CHECKED BY G.S. ROGERS	DESIGN SUPERVISOR
DATE 1/85	F.W. Bolcum DATE 2/85
PROJECT	PROJECT NO.
GEORGIA	BRZ 1448(3)
BRIDGE SHEET NO.	SHEET 29 OF 41