

INCHES IN DECIMALS OF A FOOT

IN.	0	1	2	3	4	5	6	7	8	9	10	11	IN.
0	FOOT	.0833	.1667	.2500	.3333	.4167	.5000	.5833	.6667	.7500	.8333	.9167	0
1-32		.0026	.0859	.1693	.2526	.3359	.4193	.5026	.5859	.6693	.7526	.8359	1-32
1-16		.0052	.0885	.1719	.2552	.3385	.4219	.5052	.5885	.6719	.7552	.8385	1-16
3-32		.0078	.0911	.1745	.2578	.3411	.4245	.5078	.5911	.6745	.7578	.8411	3-32
1-8		.0104	.0938	.1771	.2604	.3438	.4271	.5104	.5938	.6771	.7604	.8438	1-8
5-32		.0130	.0964	.1797	.2630	.3464	.4297	.5130	.5964	.6797	.7630	.8464	5-32
3-16		.0156	.0990	.1823	.2656	.3490	.4323	.5156	.5990	.6823	.7656	.8490	3-16
7-32		.0182	.1016	.1849	.2682	.3516	.4349	.5182	.6016	.6849	.7682	.8516	7-32
1-4		.0208	.1042	.1875	.2708	.3542	.4375	.5208	.6042	.6875	.7708	.8542	1-4
9-32		.0234	.1068	.1901	.2734	.3568	.4401	.5234	.6068	.6901	.7734	.8568	9-32
5-16		.0260	.1094	.1927	.2760	.3594	.4427	.5260	.6094	.6927	.7760	.8594	5-16
11-32		.0286	.1120	.1953	.2786	.3620	.4453	.5286	.6120	.6953	.7786	.8620	11-32
3-8		.0313	.1146	.1979	.2813	.3646	.4479	.5313	.6146	.6979	.7813	.8646	3-8
13-32		.0339	.1172	.2005	.2839	.3672	.4505	.5339	.6172	.7005	.7839	.8672	13-32
7-16		.0365	.1198	.2031	.2865	.3698	.4531	.5365	.6198	.7031	.7865	.8698	7-16
15-32		.0391	.1224	.2057	.2891	.3724	.4557	.5391	.6224	.7057	.7891	.8724	15-32
1-2		.0417	.1250	.2083	.2917	.3750	.4583	.5417	.6250	.7083	.7917	.8750	1-2
17-32		.0443	.1276	.2109	.2943	.3776	.4609	.5443	.6276	.7109	.7943	.8776	17-32
9-16		.0469	.1302	.2135	.2969	.3802	.4635	.5469	.6302	.7135	.7969	.8802	9-16
19-32		.0495	.1328	.2161	.2995	.3828	.4661	.5495	.6328	.7161	.7995	.8828	19-32
5-8		.0521	.1354	.2188	.3021	.3854	.4688	.5521	.6354	.7188	.8021	.8854	5-8
21-32		.0547	.1380	.2214	.3047	.3880	.4714	.5547	.6380	.7214	.8047	.8880	21-32
11-16		.0573	.1406	.2240	.3073	.3906	.4740	.5573	.6406	.7240	.8073	.8906	11-16
23-32		.0599	.1432	.2266	.3099	.3932	.4766	.5599	.6432	.7266	.8099	.8932	23-32
3-4		.0625	.1458	.2292	.3125	.3958	.4792	.5625	.6458	.7292	.8125	.8958	3-4
25-32		.0651	.1484	.2318	.3151	.3984	.4818	.5651	.6484	.7318	.8151	.8984	25-32
13-16		.0677	.1510	.2344	.3177	.4010	.4844	.5677	.6510	.7344	.8177	.9010	13-16
27-32		.0703	.1536	.2370	.3203	.4036	.4870	.5703	.6536	.7370	.8203	.9036	27-32
7-8		.0729	.1563	.2396	.3229	.4063	.4896	.5729	.6563	.7396	.8229	.9063	7-8
29-32		.0755	.1589	.2422	.3255	.4089	.4922	.5755	.6589	.7422	.8255	.9089	29-32
15-16		.0781	.1615	.2448	.3281	.4115	.4948	.5781	.6615	.7448	.8281	.9115	15-16
31-32		.0807	.1641	.2474	.3307	.4141	.4974	.5807	.6641	.7474	.8307	.9141	31-32
IN.	0	1	2	3	4	5	6	7	8	9	10	11	IN.

WEIGHT OF REINFORCING BARS

DIAM. IN.	LBS.-1' LONG		DIAM. IN.	LBS.-1' LONG		DIAM. IN.	LBS.-1' LONG		DIAM. IN.	LBS.-1' LONG	
	●	■		●	■		●	■		●	■
			1-4	167	212	1-2	668	850	3-4	1,502	1,913
			9-32	211	269	17-32	754	960			
1-16	.010	.013	5-16	261	332	9-16	845	1,076	13-16	1,763	2,245
3-32	.023	.030	11-32	316	402	19-32	941	1,199			
1-8	.042	.053	3-8	376	478	5-8	1,043	1,328	7-8	2,044	2,603
5-32	.065	.083	13-32	441	561	21-32	1,150	1,464			
3-16	.094	.120	7-16	511	651	11-16	1,262	1,607	15-16	2,347	2,988
7-32	.128	.163	15-32	587	747	23-32	1,380	1,756			
1	2,670	3,400	1/4	4,172	5,313	1/2	6,008	7,650	3/4	8,178	10,411

CEMENT

1 SACK = 1 CU. FT. = 94 LBS. = .047 TONS
 4 SACKS = 1 BBL. = 376 LBS. = .188 TONS

DECIMAL OF TON PER SQ. YD. PER INCH DEPTH

W. B. MACADAM	BASE	LIMESTONE	.0575 TONS
BIT. MACADAM	TOP	LIMESTONE	.0550 TONS
W. B. MACADAM	BASE	SLAG	.0475 TONS
BIT. MACADAM	TOP	SLAG	.0450 TONS

THIS DOES NOT APPLY TO JACKSON SLAG

MATERIAL WEIGHTS

MATERIAL	CUBIC YARD	
	POUNDS	TONS
SLAG	2000	1.00
STONE	2400	1.20
GRAVEL	2700	1.35
SAND	3000	1.50

BUREAU OF CONSTRUCTION
OHIO
DEPARTMENT OF HIGHWAYS

REVISED
11-18-31

TABLES NO. 2

STANDARD
CONSTRUCTION DRAWING **147**
JAN. 5, 1931