

DECIMAL OF AN INCH AND OF A FOOT																						
A		B		A		B		A		B		A		B		A		B				
$\frac{1}{64}$	0.0052	$\frac{1}{16}$	$\frac{1}{64}$	$\frac{1}{64}$	0.171875	$2\frac{1}{16}$	$\frac{1}{32}$	$\frac{1}{32}$	0.3385	$4\frac{1}{16}$	$\frac{3}{64}$	$\frac{3}{64}$	$\frac{4}{64}$	0.671875	$8\frac{1}{16}$	$\frac{1}{16}$	$\frac{2}{32}$	0.8385	$10\frac{1}{16}$			
	0.0104	$\frac{1}{8}$		0.1771	$2\frac{1}{8}$	0.34375			$4\frac{1}{8}$	0.5104			$6\frac{1}{8}$	0.6771	$8\frac{1}{8}$			0.84375	$10\frac{1}{8}$			
	0.015625	$\frac{3}{16}$		0.1823	$2\frac{1}{16}$	0.3490			$4\frac{3}{16}$	0.515625			$6\frac{3}{16}$	0.6823	$8\frac{1}{16}$			0.8490	$10\frac{3}{16}$			
	0.0208	$\frac{1}{4}$		$\frac{3}{16}$	0.1875	$2\frac{1}{4}$			0.3542	$4\frac{1}{4}$			0.5208	$6\frac{1}{4}$	$\frac{1}{16}$			0.6875	$8\frac{1}{4}$	0.8542	$10\frac{1}{4}$	
$\frac{1}{32}$	0.0260	$\frac{5}{16}$	$\frac{1}{32}$	$\frac{1}{32}$	0.1927	$2\frac{5}{16}$	$\frac{2}{64}$	$\frac{2}{64}$	0.359375	$4\frac{5}{16}$	$\frac{1}{32}$	$\frac{1}{32}$	0.5260	$6\frac{5}{16}$	$\frac{5}{64}$	$\frac{5}{64}$	0.6927	$8\frac{5}{16}$	0.859375	$10\frac{5}{16}$		
	0.03125	$\frac{3}{8}$			0.1979	$2\frac{3}{8}$			0.3646	$4\frac{3}{8}$			0.53125	$6\frac{3}{8}$			0.6979	$8\frac{3}{8}$	0.8646	$10\frac{3}{8}$		
	0.0365	$\frac{7}{16}$			$\frac{1}{32}$	0.203125			$2\frac{7}{16}$	0.3698			$4\frac{7}{16}$	0.5365			$6\frac{7}{16}$	$\frac{4}{64}$	0.703125	$8\frac{7}{16}$	0.8698	$10\frac{7}{16}$
	0.0417	$\frac{1}{2}$				0.2083			$2\frac{1}{2}$	$\frac{3}{8}$			0.3750	$4\frac{1}{2}$			0.5417		$6\frac{1}{2}$	0.7083	$8\frac{1}{2}$	$\frac{7}{8}$
$\frac{3}{64}$	0.046875	$\frac{9}{16}$	$\frac{3}{64}$	$\frac{3}{64}$	0.2135	$2\frac{9}{16}$	$\frac{25}{64}$	$\frac{25}{64}$	0.3802	$4\frac{9}{16}$	$\frac{3}{64}$	$\frac{3}{64}$	0.546875	$6\frac{9}{16}$	$\frac{2}{32}$	$\frac{2}{32}$	0.7135	$8\frac{9}{16}$	0.8802	$10\frac{9}{16}$		
	0.0521	$\frac{5}{8}$			0.21875	$2\frac{5}{8}$			0.3854	$4\frac{5}{8}$			0.5521	$6\frac{5}{8}$			$\frac{1}{32}$	0.71875	$8\frac{5}{8}$	0.8854	$10\frac{5}{8}$	
	0.0573	$\frac{11}{16}$			0.2240	$2\frac{11}{16}$			0.390625	$4\frac{11}{16}$			0.5573	$6\frac{11}{16}$			$\frac{1}{16}$	0.7240	$8\frac{11}{16}$	0.890625	$10\frac{11}{16}$	
	0.0625	$\frac{3}{4}$			0.2292	$2\frac{3}{4}$			0.3958	$4\frac{3}{4}$			0.5625	$6\frac{3}{4}$				0.7292	$8\frac{3}{4}$	0.8958	$10\frac{3}{4}$	
$\frac{1}{16}$	0.0677	$\frac{13}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	0.234375	$2\frac{13}{16}$	$\frac{13}{32}$	$\frac{13}{32}$	0.4010	$4\frac{13}{16}$	$\frac{9}{16}$	$\frac{9}{16}$	0.5677	$6\frac{13}{16}$	$\frac{4}{64}$	$\frac{4}{64}$	0.734375	$8\frac{13}{16}$	0.9010	$10\frac{13}{16}$		
	0.0729	$\frac{7}{8}$			0.2396	$2\frac{7}{8}$			0.40625	$4\frac{7}{8}$			0.5729	$6\frac{7}{8}$			0.7396	$8\frac{7}{8}$	0.90625	$10\frac{7}{8}$		
	0.078125	$\frac{15}{16}$			0.2448	$2\frac{15}{16}$			0.4115	$4\frac{15}{16}$			0.578125	$6\frac{15}{16}$			0.7448	$8\frac{15}{16}$	0.9115	$10\frac{15}{16}$		
	0.0833	1			$\frac{1}{4}$	0.2500			3	0.4167			5	0.5833			7	$\frac{3}{4}$	0.7500	9	0.9167	11
$\frac{3}{32}$	0.0885	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{3}{32}$	0.2552	$3\frac{1}{16}$	$\frac{27}{64}$	$\frac{27}{64}$	0.421875	$5\frac{1}{16}$	$\frac{1}{32}$	$\frac{1}{32}$	0.5885	$7\frac{1}{16}$	$\frac{4}{64}$	$\frac{4}{64}$	0.7552	$9\frac{1}{16}$	$\frac{5}{64}$	0.921875	$11\frac{1}{16}$	
	0.09375	$\frac{1}{8}$			0.2604	$3\frac{1}{8}$			0.4271	$5\frac{1}{8}$			0.59375	$7\frac{1}{8}$			0.7604	$9\frac{1}{8}$	0.9271	$11\frac{1}{8}$		
	0.0990	$\frac{13}{16}$			$\frac{1}{64}$	0.265625			$3\frac{13}{16}$	0.4323			$5\frac{13}{16}$	0.5990			$7\frac{13}{16}$	0.765625	$9\frac{13}{16}$	0.9323	$11\frac{13}{16}$	
	0.1042	$\frac{1}{4}$				0.2708			$3\frac{1}{4}$	0.4375			$5\frac{1}{4}$	0.6042			$7\frac{1}{4}$	0.7708	$9\frac{1}{4}$	0.9375	$11\frac{1}{4}$	
$\frac{7}{64}$	0.109375	$\frac{1}{16}$	$\frac{7}{64}$	$\frac{7}{64}$	0.2760	$3\frac{5}{16}$	$\frac{29}{64}$	$\frac{29}{64}$	0.4427	$5\frac{5}{16}$	$\frac{3}{64}$	$\frac{3}{64}$	0.609375	$7\frac{5}{16}$	$\frac{2}{32}$	$\frac{2}{32}$	0.7760	$9\frac{5}{16}$	$\frac{6}{64}$	0.9427	$11\frac{5}{16}$	
	0.1146	$\frac{1}{8}$			0.28125	$3\frac{1}{8}$			0.4479	$5\frac{1}{8}$			0.6146	$7\frac{1}{8}$			0.78125	$9\frac{1}{8}$		0.9479	$11\frac{1}{8}$	
	0.1198	$\frac{1}{16}$			0.2865	$3\frac{1}{16}$			0.453125	$5\frac{1}{16}$			0.6198	$7\frac{1}{16}$			0.7865	$9\frac{1}{16}$		0.953125	$11\frac{1}{16}$	
	0.1250	$\frac{1}{2}$			0.2917	$3\frac{1}{2}$			0.4583	$5\frac{1}{2}$			$\frac{5}{8}$	0.6250			$7\frac{1}{2}$	0.7917		$9\frac{1}{2}$	0.9583	$11\frac{1}{2}$
$\frac{1}{8}$	0.1302	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{8}$	0.296875	$3\frac{9}{16}$	$\frac{15}{32}$	$\frac{15}{32}$	0.4635	$5\frac{9}{16}$	$\frac{4}{64}$	$\frac{4}{64}$	0.6302	$7\frac{9}{16}$	$\frac{5}{64}$	$\frac{5}{64}$	0.796875	$9\frac{9}{16}$	$\frac{3}{32}$	0.9635	$11\frac{9}{16}$	
	0.1354	$\frac{1}{8}$			0.3021	$3\frac{1}{8}$			0.46875	$5\frac{1}{8}$			0.6354	$7\frac{1}{8}$			0.8021	$9\frac{1}{8}$		0.96875	$11\frac{1}{8}$	
	0.140625	$\frac{1}{4}$			0.3073	$3\frac{1}{4}$			0.4740	$5\frac{1}{4}$			0.640625	$7\frac{1}{4}$			0.8073	$9\frac{1}{4}$		0.9740	$11\frac{1}{4}$	
	0.1458	$\frac{3}{4}$			$\frac{5}{16}$	0.3125			$3\frac{3}{4}$	0.4792			$5\frac{3}{4}$	0.6458			$7\frac{3}{4}$	0.8125		$9\frac{3}{4}$	0.9792	$11\frac{3}{4}$
$\frac{5}{64}$	0.1510	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{5}{64}$	0.3177	$3\frac{13}{16}$	$\frac{31}{64}$	$\frac{31}{64}$	0.484375	$5\frac{13}{16}$	$\frac{2}{32}$	$\frac{2}{32}$	0.6510	$7\frac{13}{16}$	$\frac{13}{64}$	$\frac{13}{64}$	0.8177	$9\frac{13}{16}$	$\frac{6}{64}$	0.984375	$11\frac{13}{16}$	
	0.15625	$\frac{1}{8}$			0.3229	$3\frac{1}{8}$			0.4896	$5\frac{1}{8}$			0.65625	$7\frac{1}{8}$			0.8229	$9\frac{1}{8}$		0.9896	$11\frac{1}{8}$	
	0.1615	$\frac{1}{16}$			0.328125	$3\frac{15}{16}$			0.4948	$5\frac{15}{16}$			0.6615	$7\frac{15}{16}$			0.828125	$9\frac{15}{16}$		0.9948	$11\frac{15}{16}$	
	0.1667	2			0.3333	4			$\frac{1}{2}$	0.5000			6	0.6667			8	0.8333		10	1	1.0000

 Illinois Department of Transportation		ISSUED 1-1-97
PASSED	January 1, 1997 	
ENGINEER OF POLICY AND PROCEDURES		
APPROVED	January 1, 1997 	
ENGINEER OF DESIGN AND ENVIRONMENT		

A = Fractions of Inch or Foot

B = Inch Equivalents to Foot Fractions

DATE	REVISIONS	DECIMAL OF AN INCH AND OF A FOOT
1-1-97	New Standard.	
		STANDARD 001006