

TABLE for reducing PERCHES to FEET.

Per	Feet	Per	Feet	Per	Feet	Per	Feet	Per	Feet
1	16.5	21	3,46.5	41	6,76.5	61	10,06.5	81	13,36.5
2	33.0	22	3,63.0	42	6,93.0	62	10,23.0	82	13,53.0
3	49.5	23	3,79.5	43	7,09.5	63	10,39.5	83	13,69.5
4	66.0	24	3,96.0	44	7,26.0	64	10,56.0	84	13,86.0
5	82.5	25	4,12.5	45	7,42.5	65	10,72.5	85	14,02.5
6	99.0	26	4,29.0	46	7,59.0	66	10,89.0	86	14,19.0
7	115.5	27	4,45.5	47	7,75.5	67	11,05.5	87	14,35.5
8	132.0	28	4,62.0	48	7,92.0	68	11,22.0	88	14,52.0
9	148.5	29	4,78.5	49	8,08.5	69	11,38.5	89	14,68.5
10	165.0	30	4,95.0	50	8,25.0	70	11,55.0	90	14,85.0
11	181.5	31	5,11.5	51	8,41.5	71	11,71.5	91	15,01.5
12	198.0	32	5,28.0	52	8,58.0	72	11,88.0	92	15,18.0
13	214.5	33	5,44.5	53	8,74.5	73	12,04.5	93	15,34.5
14	231.0	34	5,61.0	54	8,91.0	74	12,21.0	94	15,51.0
15	247.5	35	5,77.5	55	9,07.5	75	12,37.5	95	15,67.5
16	264.0	36	5,94.0	56	9,24.0	76	12,54.0	96	15,84.0
17	280.5	37	6,10.5	57	9,40.5	77	12,70.5	97	16,00.5
18	297.0	38	6,27.0	58	9,57.0	78	12,87.0	98	16,17.0
19	313.5	39	6,43.5	59	9,73.5	79	13,03.5	99	16,33.5
20	330.0	40	6,60.0	60	9,90.0	80	13,20.0	100	16,50.0

Entered according to Act of Congress, in the year 1866, by James W. Queen & Co.,
in the Clerk's Office of the District Court of the United States, for the Eastern
District of Pennsylvania.

TABLE of Decimal Parts of a FOOT for
each Inch and Sixteenth of an Inch.

In	0	1	2	3	4	5	6	7	8	9	10	11
0	000	083	167	250	333	417	500	583	667	750	833	917
	005	089	172	255	339	422	505	589	672	755	839	922
1	010	094	177	260	344	427	510	594	677	760	844	927
	016	099	182	266	349	432	516	599	682	766	849	932
2	021	104	187	271	354	437	521	604	687	771	854	937
	026	109	193	276	359	443	526	609	693	776	859	943
3	031	115	198	281	365	448	531	615	698	781	865	948
	036	120	203	286	370	453	536	620	703	786	870	953
4	042	125	208	292	375	458	542	625	708	792	875	958
	047	130	214	297	380	464	547	630	714	797	880	964
5	052	135	219	302	385	469	552	635	719	802	885	969
	057	141	224	307	391	474	557	641	724	807	891	974
6	062	146	229	312	396	479	562	646	729	812	896	979
	068	151	234	318	401	484	568	651	734	818	901	984
7	073	156	240	323	406	490	573	656	740	823	906	990
	078	161	245	328	411	495	578	661	745	828	911	995

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District of Pennsylvania.

City Eng. record.
W. Liberty St. levels.
A. H. Windham.
School Lot. Richland T.P.
Semetary Survey Belle Center
Lake View St.
Mattoy
Hammer Road.
Benton Levels.
Sharp Survey.
Wade " Monroe T.P.
Mat Hoogler

City Eng. Records.

Chillicothe and Evansville -
Stake center -

Top screw of hyd. sloping meas. N.E. 37.45'
S.E. \angle central sidewalk N.W. 33.82'
Iron pin 7" - East side Evans. 17° below ground 30'

Chillicothe and Everett - Iron pin -

Chillicothe and Caroline - Iron pin -
Old apple tree 26" N.E. 41.7
N.E. \angle 1 story frame house south 46.8'

Chillicothe and Plum Valley - Iron bar -

Hyd. S.E. 34' 1"
Elec. Light pole SW. 27' 7"

Plat Dist. Seymour to Evansville
200'

Howit Seymour St.

Auburn and Evansville - Iron bar

Top screw hyd. N.E. 28.75'
Elec. Light pole N.W. 25.1'
SW \angle stone foundation main part house N.E.
66' 7"

Auburn and Plum Valley - Iron bar

SW \angle Rantam house 38'
NW \angle " " 33' 8"

Auburn and Seymour (South)

Iron bar

Apple tree 20" S 6° E 53.5'
S.E. \angle stone foundation house ^{N 46 1/2° W} 62.9'
N.E. \angle " " " 57 1/4 - 121.45'

Note - On Auburn Ave. + Seymour St. to +
Seymour S. = 69'

Measured dist on Seymour
Chil - E. to Auburn. 516.5'

West Liberty.

The Stone at said St.

Raised St.

Beginning at the center of the W. end of the bridge over the mill race where the corner corner said Street, and 2.61 ft. above the Stone on the E. line of said Corporation, thence W. 32 rods falling 2.31 ft. for Stone to the center of Market Street and 42 of a foot above the Stone at said Street.

N. Side Sidewalk.

From a point in the center line of said Street 50 ft. E. of the E. end of the iron bridge across the mill race, on said center line, as the initial point; thence on every E. by Stations of 100 ft. each.

At Sta. 0 3 ft.; at Sta. 1,

West Liberty.

4.33 ft.; thence by regular fall of .33 to 100 to Sta. 5, elevation at Sta. 5, 5.65 ft.; thence from Sta. 5 E. by a regular fall of .10 to 100 to Sta. 11, where the elevation shall be 6.25 ft.

S. Side Sidewalk.

Sta. 0, 3 ft.; Sta. 1, 4.65 ft.; thence by regular fall of .25 to 100 to Sta. 5, where the elevation shall be 5.65 ft.; thence from Sta. 5 E. by regular fall of .10 to 100 to Sta. 11, where the elevation shall be 6.25 ft.

The grade of said of the above Sidewalk shall rise by plane from Sta. 0 to the top of the pier of said iron bridge, the above elevation being and as near

West Liberty

were found a datum line
 four above and the elevation
 of the cap stone at the
 N. side of the iron setting
 of the head rail at the N. E.
 corner of the approach from
 bridge, 1,62 ft. from and
 below the same said datum
 line.

Grade Stones.

Grade Stone 21 ft. S.
 of the center of Street 60 ft.
 wide running E. & W., and
 21 ft. W. of Street 60 ft.
 wide running N. & S., and
 25 ft. from center of all Sts.
 70 ft. wide, excepting only
 Lecturer St., where they are
 25 ft. W. of the center, and
 excepting Runkle St., where
 they are set 21' W. of center;
 only at crossing of Taylor
 and Runkle Sts. where it
 is 21 ft. S. of the center of

West Liberty

Runkle St., and 21 ft. S.
 of center of Taylor St.; and
 excepting at intersection of
 Taylor St. with Leakey -
 a fact where the stone is in
 the center of the crossing
 of said St. and road;
 and excepting at the crossing
 of White and Columbus Sts.
 where the stone is 37 1/2 ft.
 N. of Columbus St., and 21
 ft. E. of White St.

Heat Liberty

Detroit St. center of st. South to center of Runkle St.

B.M.	3.64		40.00	
0+00	3.20	.44	40.44	
1+32	4.0	.80	39.64	
2+31	4.68	.68	38.96	
2+64	4.16	4.64	.02	38.98
B.M.	4.34	.18	38.80	
3+96	4.64	.30	38.50	
5+28	3.06	5.86	1.22	37.28

	3.80	.74	36.54	
B.M.	3.70	.10	36.64	
6+60	4.0	.30	36.34	
7+92	5.66	1.66	34.68	
8+25	3.66	6.42	.76	33.92

	4.20	.54	33.38
B.M.	3.76	.44	33.82
10+57	4.39	.63	33.19

0+00 to 3+96 fall 50' per 132'
 12' below stone (44 above)

Center of Newell St.
 52' above stone. (16 above)

3+96 to 6+10.5 fall 100' per 132'

Center of Columbus St.
 15' above stone (10 below)

Center Baird St. 42' above stone
 S.W. Cor. sidewalk at int. Detroit
 and Baird.

11+89	5.08	.69	32.40
13+21	5.16	.08	32.32
	5.18	.02	32.30

11+73 total 52.5 full 15' per side

Center Runkle St. Level with stone

Grade called for
Baird St. Center Detroit

0+00	4.20	33.38
1+32		35.69
2+64		38.00
3+63		39.73

West Liberty.
by City ordinance.

St. E. on center Baird.

Center Detroit St. 42' above stone

Rise from 0 to 3+63 231' per
132'

Center W. side bridge 2.61' above
stone.

West Liberty

East side Detroit St. E. on

0+00	4.17			33.41	33.6
B.M.	3.76	AI		33.82	
B.M.	4.01		.25	33.57	
	4.04		.03	33.54	
1+00	6.19	3.98	.06	33.60	34.1
2+00	4.32	1.87	1.00	35.47	36.3
3+00	1.20	3.12		38.59	38.5
B.M.	.05	1.15		39.74	
				<hr/>	
	6.61		.28	6.33	
	.28				
	<u>6.33</u>				

Baird St. 15' N. of S. side of Baird.

E. side Detroit St. 15' N. of S. side

Blair St.

Top of sidewalk at N.W. cor. bldg.

Outer edge sidewalk 10' N.

Floor of bridge at S.W. cor.