

THIRD-ORDER LEVELING
SEA LEVEL DATUM OF 1929

37-085-43
ELIZABETHTOWN QUADRANGLE
126 KENTUCKY
N3730-W8545/15
DIAGRAM NJ 16-9
WINCHESTER

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

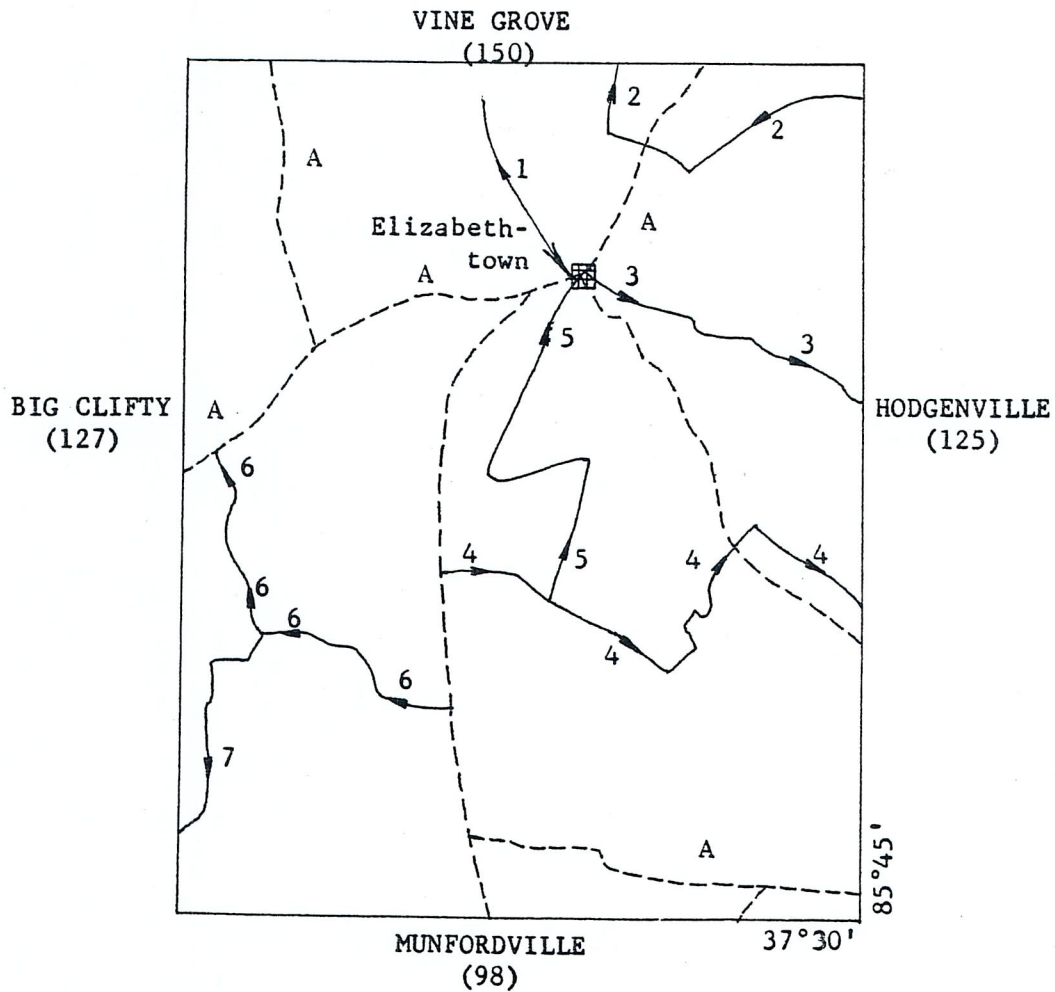
Hardin and Larue Counties

Final adjustment of 1952

Edition of 4/5/74

PR: WSM/mid

Only the permanent marks are
listed for lines run more
than 25 years before edition
date.



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 370854

INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>	<u>MARK (USGS)</u>	<u>PAGE NO.</u>
PTS NO 11 1922 Y KY	3	TT 8 TN 1933 783	4
PRS NO 12 1922 Y KY	3	TT 14 TN 1933 769	5
Commonwealth of Kentucky 1923 USGS Datum	3	TT 15 TN 1933 756	5
P 13 1928	3	TT 16 TN 1933 739	5
P 14 1928	3	TT 18 TN 1933 649	6
TT STA NO 24 K 1928	3	TT 19 TN 1933 650	6
LA 1 1933 686	6		
TT 1 TN 1933 851	4		
TT 2 TN 1933 814	4		
TT 7 TN 1933 865	4		

LINE 2. (Cont'd)Feet

Chestnut Grove School; 5.6 mi NE. of, Elizabethtown along U.S. highway 62; 6 ft W. of NE. corner of school; in concrete post; standard tablet stamped "TT 2 TN 1933 814"	813.790
Reference mark; 130 ft W. of tablet; 22 ft S. of rd.; in root on NE. side of 48-in white oak tree; copper nail and washer	814.95
U. E., Chestnut Grove School, 0.9 mi SW. of, along U. S. Highway 62; 4.7 mi NE. of Elizabethtown; 125 ft NE. of two-story frame dwelling; 11 ft SE. of center of rd.; on NE. corner of concrete headwall; chiseled square	779.38
U. E., Chestnut Grove School, 1.9 mi SW. of, along U. S. Highway 62; 3.7 mi NE. of Elizabethtown; 40 ft E. of dwelling; 12 ft S. of rd.; on SW. corner of concrete headwall; chiseled square	848.06
Edlin School, 0.2 mi NE. of; 3.0 mi NE. of Elizabethtown; 40 ft S. of junction of U.S. Highway 62 and T-rd. N. to Tunnel Hill; in concrete post; standard tablet stamped "TT 1 TN 1933 851"	851.344
Reference mark; 250 N. of tablet; 12 ft W. of center of rd.; in root on E. side of 18-in poplar tree; copper nail and washer	851.52

LINE 3.

By D. C. Antrobus, 1933; Book B5084

Elizabethtown, 2.8 mi SE. of, on Valley Creek Road; 30 ft N. and 20 ft E. from junction of Valley Creek Road and T-rd. S. to Middle Creek; in NE. corner of pasture field; in concrete post; standard tablet stamped "TT 8 TN 1933 783" (Reported destroyed, 1960)	782.528
Reference mark; 250 ft S. of tablet; 10 ft E. of rd.; in root on W. side of 20-in walnut tree; copper nail and washer	764.85
Middle Creek, 3.0 mi NW. of; on Middle Creek-Elizabethtown Road; 15 ft S. of point of private rd. fork SE.; through gate; at right angle turn in rd.; 5 ft N. of fence line; in concrete post; standard tablet stamped "TT 7 TN 1933 865" (Reported destroyed, 1952)	865.364
Reference mark; 400 ft NE. of tablet; 10 ft SE. of rd.; in root on NW. side of 20-in chestnut tree; copper nail and washer	852.54

LINE 4.Feet

By D. C. Antrobus, 1933; Book B5084

U. E., Glendale, 1.4 mi E. of; on rd. E. from Glendale to Dixie Highway; 340 ft E. of T-rd. N.; 15 ft S. of rd.; on SE corner of S. headwall of concrete culvert; chiseled square

737.49

Elizabethtown, 7.3 mi S. of; 490 ft S. of T-rd. W. to Glendale; 30 ft E. of Dixie Highway; 18 ft S. of T-rd. W. to Big Spring Church; in concrete post; standard tablet stamped "TT 15 TN 1933 756"

755.478

Reference mark; 260 ft E. of tablet; 20 ft S. of rd.; in root on N. side of 18-in sugar maple tree; copper nail and washer

742.43

U. E., Tonieville, 2.0 mi SW. of; 900 ft S. of two-story frame dwelling; on E. headwall of 4- by 3-ft concrete culvert; chiseled square

697.02

Hodgenville, 4.5 mi NW. of; 7.0 mi SE. of Elizabethtown; 29 ft W. of Jackson Highway; 67 ft N. of T-rd. W. to tonieville; in concrete post; standard tablet stamped "TT 14 TN 1933 769"

769.007

Reference mark; 150 ft E. of tablet; on SE. corner of E. end of S. headwall to concrete culvert; chiseled square

762.44

U. E., Hodgenville, 2.2 mi NW. of; 870 ft SE. of two-story frame dwelling; 15 ft NE. of rd.; on N. headwall of concrete culvert; chiseled square

769.00

U. E., Hodgenville, 1.7 mi NW. of; 75 ft N. of pond; 15 ft S. of rd.; on SW. corner of concrete headwall; chiseled square

751.63

LINE 5.

By D. C. Antrobus, 1933; Book B5084

Elizabethtown, 4.6 mi S. of; on Dixie Highway; 4 ft E. of NE. corner of Sand Springs School; in concrete post; standard tablet stamped "TT 16 TN 1933 739"

738.793

Reference mark; 170 ft S. of tablet; 12 ft W. of rd.; on NW. corner of W. headwall of concrete culvert; chiseled square

731.56

LINE 6.Feet

By D. C. Antrobus, 1933; Book B5084

Nolin, 3.4 mi NW. of; 0.9 mi N. of Shady Bougher School; at junction of Nolin-White Mills Road and T-rd. S. to above school; 27 ft E. of rd.; in corner of pasture; in concrete post; standard tablet stamped "L A 1 1933 686"

685.447

Star Mills; 20 ft W. of W. end of bridge over Nolin River; in concrete post; standard tablet stamped "TT 18 TN 1933 649" (Reported disturbed, 1948) (Reported not found, 1961)

648.549

Reference mark; 70 ft N. of tablet; 10 ft W. of rd.; in root on E. side of 30-in red oak tree; copper nail and washer

648.96

LINE 7.

By D. C. Antrobus, 1933; Book B5084

White Mills, 2.0 mi E. of; 0.25 mi E. of St. Ignatius Church; 900 ft S. of T-rd. at Swan School; 40 ft S. and 10 ft W. from T-rd. W.; in concrete post; standard tablet stamped "TT 19 TN 1933 650"

649.580

Reference mark, 240 ft S. of tablet; 30 ft E. of rd.; in root on W. side of 15-in oak; copper nail and washer

647.99

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

UNITED STATES
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GEOLOGICAL SURVEY

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126 KENTUCKY
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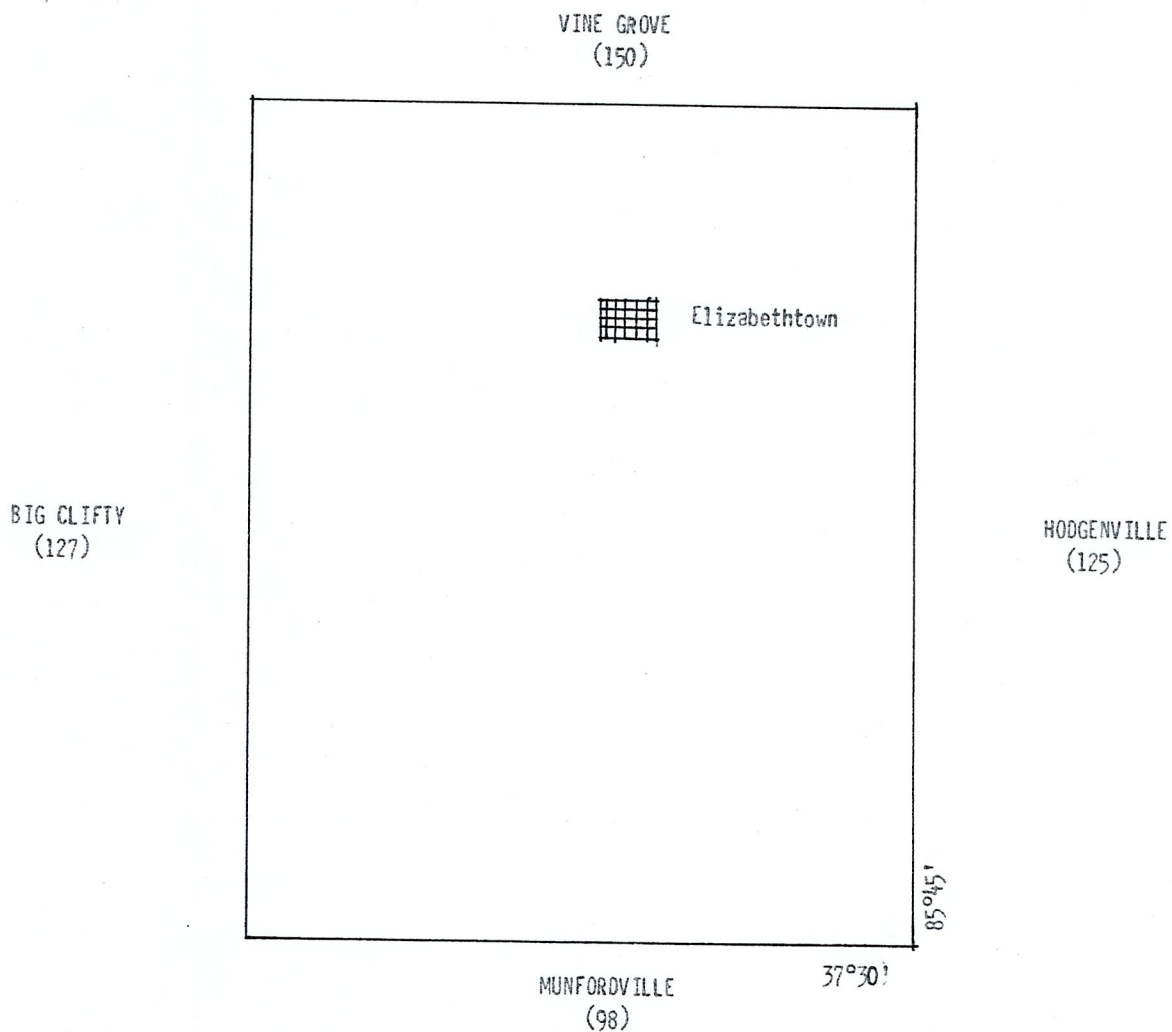
Hardin and Larue Counties

Edition of 11/21/77

PR: CRV/rmm

Plane coordinates are based on Lambert
projection, Kentucky, South Zone

Only the permanent marks are
listed for control classified
obsolete and are not shown on
sketch



DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>
PTS NO 11 Y 1922 KY 671	3
PTS NO 12 Y 1922 KY	3
PTS NO 13 Y 1922 KY	3
TT STA NO 24 K 1928	3
13 P 1928	4
P 14 1928	4
TT 1 TN 1933 851	3
TT 2 TN 1933 814	6
TT 7 TN 1933 865	3
TT 8 TN 1933 783	3
TT 9 TN 1933	4
TT 12 TN 1933	6
TT 14 TN 1933 769	4
TT 15 TN 1933 756	6
TT 16 TN 1933 739	4
TT 17 TN 1933 RESET 1953 EMT	5
TT 18 TN 1933 649	5
TT 19 TN 1933 650	5
TT 20 TN RESET	5
TT 29 DWP 1948	5
TT 33 DWP 1948	5
TT 34 DWP 1948	6
 <u>NGS</u>	
N 6 1921	4
P 6 1921 710	4
R 6 1921	4
D 59 1935	5

STATION	DESCRIPTION	LATITUDE	LONGITUDE
PLANE COORDINATES, FEET		° ' "	° ' "

The following positions are considered OBSOLETE. To be used only to locate permanent marks in the field.

By B. H. Yoakum, 1922; Book C5821

Hansbrough; 500 ft E. of station, along Illinois Central Railroad; at SW. corner of culvert over Black Branch; in second step of concrete abutment; standard tablet stamped "PRIM TRAV STA NO 11 Y 1922 KY 671"

X = 1,929,653	Y = 474,285	37 38 08.75	85 59 34.54
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Cecilia; 170 ft NE. of station, along I.C. RR.; 29 ft from outside rail of main line; in concrete base for iron pump; standard tablet stamped "PRIM TRAV STA NO 12 Y 1922 KY" (Not found, 1948)

X = 1,940,606	Y = 485,571	37 40 00.59	85 57 18.69
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St. John, 1.2 mi N. of, along I.C. RR.; 360 ft N. of S. end of Kraft Siding; 12 ft from fence corner; in concrete post; standard tablet stamped "PRIM TRAV STA NO 13 Y 1922 KY" (Not found, 1948)

X = 1,937,235	Y = 503,587	37 42 58.64	85 58 01.12
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By C. B. Kendall, 1928; Book C8383

Bailey's Store and Crossroads; on W. side of U. S. Highway 31 W.; opposite NW. corner of Oak Lawn Store and filling station; 35 ft W. of center-line of hwy. at junction of I-rd. E.; opposite NW. corner of Oakland Store and Service Station; 4 ft N. of N. gatepost; 2 ft W. of wire fence; in concrete post; standard tablet stamped "TT STA NO 24 K 1928" (Not found, 1948)

X = 1,959,297	Y = 512,532	37 44 27.49	85 53 26.73
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By R. H. Lyddan, 1933; Book D842

Elizabethtown, 3.0 mi NE. of, along U. S. Highway 62; 0.3 mi NE. of Edlin School; 40 ft S. of centerline of hwy. at junction of rd. N.; in concrete post; standard tablet stamped "TT 1 TN 1933 851"

X = 1,980,795	Y = 505,121	37 43 14.45	85 48 59.03
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Middle Creek, 3.0 mi NW. of; on Middle Creek-Elizabethtown Road; at right-angle bend in rd.; 15 ft S. of rd. fork SE. through gate; 5 ft N. of fenceline; in concrete post; standard tablet stamped "TT 7 TN 1933 865" (Reported destroyed, 1960)

X = 1,992,455	Y = 484,784	37 39 53.44	85 46 33.83
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Elizabethtown, 2.8 mi SE. of, along Valley Creek Road; 30 ft N. and 20 ft E. of centerline of rd. at junction of Valley Creek Road and I-rd. S. to Middle Creek; in NE. corner of pasture field; in concrete post; standard tablet stamped "TT 8 TN 1933 783" (Reported destroyed, 1960)

X = 1,982,596	Y = 489,425	37 40 39.28	85 48 36.48
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STATION	DESCRIPTION	LATITUDE	LONGITUDE
	PLANE COORDINATES, FEET	° ' "	° ' "

OBSOLETE MARKS (Cont'd.)

Elizabethtown; in NE. face of E. corner of high school; NGS standard disk stamped "N 6 1921" (Reported destroyed, 1960)

X = 1,968,181	Y = 495,355	37 41 37.78	85 51 35.87
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Sonora, 3.5 mi SW. of; 3.5 mi NE. of Melrose; 25 ft S. and 80 ft W. of centerline of rd. at junction of I-rd. N.; in concrete post; standard tablet stamped "TT 9 TN 1933"

X = 1,944,651	Y = 424,963	37 30 01.44	85 56 26.85
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Sonora; at crossing of State Highway 84 and Louisville and Nashville Railroad; 31 ft E. of E. rail of main track; 16 ft S. of centerline of hwy.; in SE. fence corner of property of J. E. Williams; in concrete post; NGS standard disk stamped "R 6 1921" (Not found, 1961)

X = 1,958,513	Y = 433,513	37 31 26.22	85 53 35.00
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Tanner, 2.5 mi W. and 0.9 mi SW. of; 5.0 mi SE. of Sonora, along Sonora-Hammondsville Road; 410 ft NW. of T. E. O'Brien's Farmhouse; 75 ft S. of point where rd. forks; 10 ft W. of rd.; in top of limestone in place; standard tablet stamped "P 14 1928" (Not found, 1960)

X = 1,975,019	Y = 425,666	37 30 08.83	85 50 10.01
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Tanner, at NW. corner of crossroads; 40 ft N. of store of Albert Hazel; at SE. corner of lot owned by E. B. Duckworth; 4 ft N. of corner of fenceline; in limestone; standard tablet stamped "13 P 1928" (Reported destroyed, 1960)

X = 1,989,732	Y = 428,137	37 30 33.35	85 47 07.43
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By R. H. Lyddan, 1933; Book D845H, D847

Hodgenville, 4.5 mi NW. of; 7.0 mi SE. of Elizabethtown, along State Highway 61; 67 ft N. and 29 ft W. of centerline of hwy. at junction of I-rd. SW.; in concrete post; standard tablet stamped "TT 14 TN 1933 769"

X = 1,989,148	Y = 467,301	37 37 00.57	85 47 14.88
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Elizabethtown, 4.6 mi S. of, on Dixie Highway; 4 ft E. of NE. corner of Sand Springs School; in concrete post; standard tablet stamped "TT 16 TN 1933 739"

X = 1,971,396	Y = 474,507	37 38 11.69	85 50 55.60
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By R. H. Lyddan, 1933; Book D847

Glendale; 135 ft W. of L. & N. RR. crossing, along State Highway 222; 5 ft E. of NW. corner of brick building housing post office; in N. face of building; NGS standard disk stamped "P 6 1921 710"

X = 1,954,954	Y = 461,678	37 36 04.63	85 54 19.74
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STATION	DESCRIPTION	LATITUDE	LONGITUDE
	PLANE COORDINATES, FEET	° ' "	° ' "

OBSOLETE MARKS (Cont'd.)

Glendale, about 2.0 mi W. of; 53 ft SE. of intersection of crossroads; in concrete post; standard tablet stamped "TT 17 TN 1933 RESET 1953 EMT"

X = 1,945,998 Y = 466,298 37 36 50.15 85 56 11.16

Star Mills; 20 ft W. of W. end of bridge over Nolin River; in concrete post; standard tablet stamped "TT 18 TN 1933 649" (Not found, 1961)

X = 1,933,493 Y = 460,483 37 35 52.38 85 58 46.39

White Mills, 2.0 mi E. of; 0.3 mi E. of St. Ignatius Church; 900 ft S. of junction of I-rd. E. at Swan School; 40 ft S. and 10 ft W. of centerline of rd. at junction of I-rd. W.; in concrete post; standard tablet stamped "TT 19 TN 1933 650"

X = 1,929,094 Y = 443,249 37 33 01.88 85 59 40.50

Sonora, 0.7 mi E. of, thence 2.4 mi N. along U. S. Highway 31W; 0.8 mi S. of bridge over Nolin River; at intersection of Highway 31W and rd. W. to Nolin; 39 ft E. of centerline of hwy.; on centerline of rd. to Nolin extended; 5 ft S. and 3 ft E. of hwy. division marker; 2 ft W. of fence line; in concrete post; standard tablet stamped "TT 20 TN RESET"

X = 1,965,510 Y = 444,149 37 33 11.47 85 52 08.31

By D. W. Pinkston, 1948; Book AH 84

Elizabethtown, 4.2 mi E. of, along U. S. Highway 62; 41 ft E. of centerline of hwy. at entrance to graveled pit; 200 ft W. of white house; 29 ft SW. of fence corner; 6 ft NE. of 18-in. cedar tree; 2 ft N. of fence line; in concrete post; standard tablet stamped "TT 29 DWP 1948"

X = 1,986,712 Y = 508,235 37 43 45.27 85 47 45.40

Elizabethtown, 3.3 mi NE. of, along L. & N. RR.; at Tunnel Hill; 151 ft SE. of rd. crossing; 38 ft E. of E. rail; 2 ft E. of pole; in concrete post; NGS standard disk stamped "D 59 1935"

X = 1,977,097 Y = 509,304 37 43 55.78 85 49 45.09

Tanner, 1.1 mi E. of, along graveled rd.; 21 ft N. and 220 ft W. of crossroads; 300 ft WNW. of large pond; 14 ft NE. of 26-in. red oak tree; 10 ft NW. of fence corner; 4 ft S. of utility pole; in concrete post; standard tablet stamped "TT 33 DWP 1948"

X = 1,995,652 Y = 427,509 37 30 27.16 85 45 53.97

STATION	DESCRIPTION	LATITUDE	LONGITUDE
	PLANE COORDINATES, FEET	° ' "	° ' "

OBSOLETE MARKS (Cont'd.)

Tanner, 1.2 mi W. of, along graveled rd.; 357 ft NW. of NW. corner of Barren Run Baptist Church; 22 ft S. and 270 ft E. of centerline of rd. at junction of rd. N.; at NW. corner of grounds of former school site; 7 ft S. of fence corner; 2 ft E. of fenceline; in concrete post; standard tablet stamped "TT 34 DWP 1948"

X = 1,983,948	Y = 428,789	37 30 39.77	85 48 19.23
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MARKS TIED BY NGS

By R. H. Lyddan, 1933; Book D842

Elizabethtown, 5.6 mi NE. of, along U. S. Highway 62; 6 ft W. of NE. corner of Chestnut Grove School; in concrete post; standard tablet stamped "TT 2 TN 1933 814"

X = 1,992,807.55	Y = 511,878.12	37 44 21.312	85 46 29.539
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By R. H. Lyddan, 1933; Book D845

Elizabethtown, 3.0 mi SW. of, along U. S. Highway 62; 30 ft S. and 30 ft W. of centerline of hwy. at junction of T-rd. S. to Watson School; at edge of woods; standard tablet stamped "TT 12 TN 1933"

X = 1,956,093.55	Y = 488,643.67	37 40 31.259	85 54 06.127
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By R. H. Lyddan, 1933; Books D845, D847

Elizabethtown, 7.3 mi S. of, along U. S. Highway 31W; 490 ft S. of junction of T-rd. W. to Glendale; 18 ft S. and 30 ft E. of centerline of hwy. at junction of T-rd. E.; in concrete post; standard tablet stamped "TT 15 TN 1933 756"

X = 1,967,213.34	Y = 458,531.21	37 35 33.692	85 51 47.366
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