

THIRD-ORDER LEVELING
SEA LEVEL DATUM OF 1929

37-085-13
LEBANON QUADRANGLE
124 KENTUCKY
N3730-W8515/15
DIAGRAM NJ 16-9
WINCHESTER

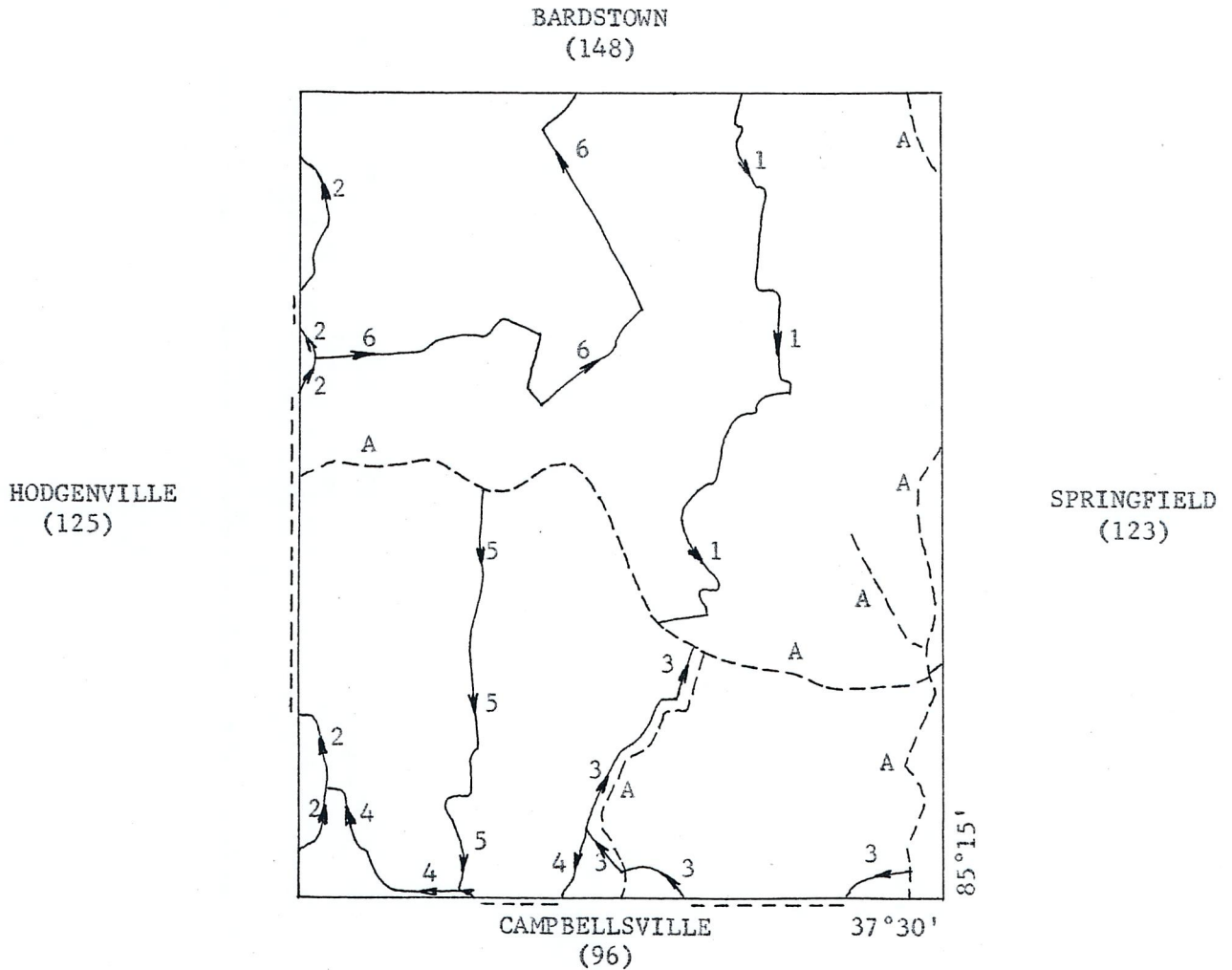
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Marion, Nelson and
Washington Counties

Final adjustment of 1952

Edition of 5/7/74

PR: WSM/mid



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 370851

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<u>LINE 1.</u>	<u>Feet</u>
By J. E. McClane, 1950; Book AV 224	
Fredericktown, 2.3 mi S. of; 18 ft N.; 12 ft E. and level with junction of T-rd. W.; 12 ft E. of gatepost; in concrete post; standard tablet stamped "103 JEM 1950 683"	682.582
Reference mark; 800 ft N. of tablet; 25 ft E. of junction of T-rd. E.; on top of 12-in. post used as fence corner; copper nail and washer	658.72
Fredericktown, 4.8 mi S. of; 18 ft S.; 30 ft W. and 1 ft lower than junction of Y-rds.; 4 ft N. of wooden fence; in concrete post; standard tablet stamped "104 JEM 1950 862" (Reported destroyed 1952)	862.247
Reference mark; 40 ft N. of tablet; in root on E. side of 30-in. oak tree; copper nail and washer	864.19
Fredericktown, 6.6 mi S. of, along main rds.; 25 ft N. and 20 ft W. and 3 ft higher than junction of T-rd. N. with State Highway 152; 2 ft S. and 2 ft W. of fence corner; in concrete post; standard tablet stamped "105 JEM 1950 856"	855.836
Reference mark; 38 ft N. of tablet; in root on SE. side of 48-in. tree; copper nail and washer	856.87
Fredericktown, 9.1 mi S. of; 7.5 mi N. of St. Mary; 20 ft N.; 12 ft E. and 1 ft higher than junction of T-rd. N.; 7 ft N. and 1 ft W. of fence corner; in concrete post; standard tablet stamped "106 JEM 1950 823"	822.592
St. Mary, 5.2 mi N. of along State Highway 327; State Highway 49 and gravel rd.; 45 ft NE. of bridge over stream; 30 ft due S. of and 2 ft lower than junction of T-rd S.; 15 ft S. of fence corner in concrete post; standard tablet stamped "107 JEM 1950 635"	635.271
Reference mark; 45 ft SW. of tablet; on S. corner of NE. wingwall of wooden bridge over stream; 3.5 ft lower than bridge; chiseled square	630.16
St. Mary, 3.4 mi N. of; 9 ft S.; 22 ft W. and 2 ft higher than junction of State Highway 49 and T-rd E.; 2 ft E. of fenceline; in concrete post; standard tablet stamped "108 JEM 1950 714"	714.391
Reference mark; 155 ft N. of tablet; in root on S. side of 30-in. elm tree; copper nail and washer	714.26
U.E., St Mary, 2.0 mi N. of; 9 ft N. and level with center of State Highway 49 and E. end of steel bridge; on N. end of E. abutment; chiseled square	661.60

LINE 1 (Cont'd.)Feet

St. Mary, 1.4 mi N. of; 18 ft N. and 2 ft higher than intersection of State Highways 49 and 327; 2 ft S. of fenceline; in concrete post; standard tablet stamped "109 JEM 1950 667"	667.270
Reference mark; 200 ft SW. of tablet; on NW. wingwall of bridge over stream; chiseled square	664.22
'W 60 1935' (NGS)	771.514

LINE 2.

By J. E. McClane, 1950; Book AV 224

Raywick, 5.4 mi W. of; along State hwy to offset crossroads; then 4.4 mi S. along T-rd. to right angle curve in T-rd. E.; then 1.2 mi SW.; at an abandoned T-rd. W.; 6 ft S., 10 ft E., and level with intersection; 28 ft SE. of fence post; 7 ft W. of fence line; set in top of concrete post; standard tablet stamped "TT 50 AS 1950 610"	610.273
New Hope, 9.4 mi S. of; 18 ft S. and 1 ft lower than junction of T-rd. at right angle curve and T-rd. E.; 34 ft W. of power pole; 2 ft N. of fenceline; in concrete post; standard tablet stamped "TT 33 AS 1950 567"	567.576
New Hope, 5.8 mi S. of; at right-angle bend in rd. E.; at residence of Mrs. Joseph LaRue; 5 ft S.; 12 ft W. and 1 ft lower than extended centerlines of rds.; 42 ft S. of junction of rd. and drive; 40 ft W. of 42-in twin-ash tree; 12 ft N. of telephone pole; 5 ft ENE. of vine-covered fence; in concrete post set flush with ground; standard tablet stamped "TT 32 AS 1950 570"	570.082
Reference mark; 63 ft E. of tablet; 15 ft S. of center of rd.; in W. base of 30-in. ash tree; copper nail and washer	569.40

Jogs into Hodgenville quadrangle

New Hope, 2.0 mi S. of along main rd. to State Highway 84; at junction of T-drive NE.; 40 ft S.; 17 ft E. and 1 ft higher than center of rd. and T-drive NE.; 17 ft E. of center of rd.; 7 ft SE. of center of E. end of culvert; 4 ft SW. of SW. edge of gate; 2 ft W. of fence; in concrete post; standard tablet stamped "TT 30 AS 1950 682"	681.973
Reference mark; 275 ft W. of tablet; on N. end of 24-in concrete culvert; chiseled square	677.18

Jogs into Hodgenville quadrangle

New Hope, 1.1 mi N. of, along State Highway 52, thence along Y-rd. 1.6 mi to T-rd. N.; thence along T-rd. 0.3 mi to Y-rd. NW; 5 ft N.; 36 ft W. and 4 ft higher than junction of Y-rd.; 13 ft NE. of 6-in. cedar tree; 2 ft NE. of fenceline; 33 ft W. of center of main rd.; in concrete post; standard tablet stamped "TT 28 AS 1950 667"	667.077
U.E., New Hope, 3.9 mi N. of; 6 ft W. and 1 ft higher than center of rd. at N. end of concrete bridge; on NE. corner of hand rail base; chiseled square	521.88

LINE 2 (Cont'd.)Feet

New Hope, 5.3 mi N. of, along State Highway 46 to junction of T-drive E. to residence of Homer Morris; 45 ft S.; 12 ft E. and 4 ft higher than junction of T-drive with rd.; 25 ft W. of fenceline; 32 ft SW. of NW. corner of fencepost; on E. side of clearing; in concrete post; standard tablet stamped "TT 27 AS 1950 654"	654.398
New Hope, 7.3 mi N. of; 1.4 mi E. of Balltown; 35 ft N. and 2 ft W. of and 2 ft higher than junction of highway and T-rd.; W.; 24 ft NE. of NE. corner of concrete culvert; 41 ft W. of 42-in twin locust tree; 2 ft S. of fenceline; in concrete post; standard tablet stamped "TT 26 AS 1950 668"	668.100
Reference mark; 40 ft SW. of tablet; on S. end of concrete headwall; chiseled square	666.24

LINE 3.

By J. E. McClane, 1950; Book AV 224

"C 56 1935" (NGS)	632.666
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[Jogs into Campbellsville quadrangle]

U.E., Jessietown, 3.8 mi NW. of; 15 ft N.; 22 ft E. and 1 ft lower than center of rd. at junction of T-rd. N.; on N. end of 20-in. concrete culvert; chiseled square	591.46
Jessietown, 5.6 mi NW. of; 400 ft SW. of St. Joseph School; 20 ft N.; 20 ft W. and 6 ft higher than junction of T-rd. E.; 1.5 ft E. of fence; in concrete post; standard tablet stamped "113 JEM 1950 626" (Tied by NGS, 1951)	626.390
Reference mark; 65 ft SE. of tablet; on S. end of 24-in. concrete culvert; chiseled square	615.07
U.E., Jessietown, 6.7 mi NW. of; 6.1 mi S. of St. Mary; on SW. corner of SW. abutment of bridge over Rolling Fork River; chiseled square	586.04
St Mary, 3.4 mi SW. of; 50 ft NE. of T-junction NW.; 10 ft NW. and 3 ft higher than center of rd.; in SW. edge of outcropping rock ledge; standard tablet stamped "114 JEM 1950 593" (Tied by NGS, 1951)	593.037
Reference mark; 80 ft SW. of tablet; 30 ft SW. of road forks; on NW. end of rock culvert headwall; chiseled square	583.88
U.E., St. Mary, 3.7 mi S. of; 14 ft NW. and level with center of State Highway 84; 700 ft SW. of dirt rd. SE.; on SW. end of concrete wing-wall of culvert; chiseled square	641.05

LINE 3 (Cont'd.)Feet

St. Mary, 2.5 mi SW. of along State Highway 84; 30 ft S. and 3 ft higher than junction of dirt T-rd. N.; 4 ft N. of fence; in concrete post; standard tablet stamped "115 JEM 1950 707" 706.523

"W 60 1935" (NGS) 771.514

LINE 4.

By J. E. McClane, 1950; Book AV 224

"113 JEM 1950 626" (Described in line 3) 626.390

/Jogs into Campbellsville quadrangle/

St. Joseph, 4.8 mi SW. of; 66 ft S.; 22 ft W. and 2 ft higher than junction of T-rd. W.; 33 ft S. of fence corner; 1 ft E. of fenceline; in concrete post; standard tablet stamped "117 JEM 1950 998" 998.010

Reference mark; 41 ft N. of tablet; on N. end of concrete culvert headwall; chiseled square 995.85

St. Joseph, 7.9 mi SW. of; 21 ft N.; 28 ft W. and 1 ft lower than junction of rd. and field rd. NW.; 28 ft S. of gatepost; in concrete post; standard tablet stamped "118 JEM 1950 905" 904.504

"TT 33 AS 1950 567" (Described in line 2) 567.576

LINE 5.

By J. E. McClane, 1950; Book AV 224

"T 60 1935" (NGS) 701.183

St. Francis, 2.4 mi S. of, along State Highway 527; 57 ft S., 25 ft W. and 2 ft higher than junction of highway with T-rd. E.; 19 ft S. and 2 ft E. of gateway through fence; in concrete post; standard tablet stamped "148 JEM 1950 664" (Reported destroyed, 1953) 663.700

Reference mark; 54 ft NE. of tablet; on S. end of 20-in. concrete culvert; chiseled square 662.38

U.E., St. Francis, 3.5 mi S. of; 12 ft E. and 1 ft higher than center of highway at small concrete bridge; on NE. corner of E. rail guard; chiseled square 590.97

U.E., St. Francis, 4.3 mi S. of; 0.5 mi N. of Raywick; 9 ft W. and level with center of highway; at N. end of concrete bridge; on NW. corner of wingwall; chiseled square 557.02

LINE 5 (Cont'd.)Feet

Raywick, 148 ft NE. of Catholic Church; 33 ft S. and 1 ft higher than center of State Highway 84 and drive to school; 15 ft S. and 2 ft W. of fence corner; in concrete post; standard tablet stamped "149 JEM 1950 609"	609.172
Reference mark; 185 ft E. of tablet; on S. headwall; chiseled square	593.94
Raywick, 2.3 mi S. of along State Highway 570; 180 ft S.; 10 ft W. and 1 ft lower than crossroads; in center of W. concrete culvert headwall over small stream; standard tablet stamped "150 JEM 1950 578"	577.476
Reference mark; 165 ft due N. of tablet; on NE. corner of concrete headwall; chiseled square	577.61
U.E., Raywick, 2.9 mi S. of; 9 ft E. and 1 ft lower than center of rd. at drain crossing; on SE. end of L-headwall; chiseled square	805.21
"117 JEM 1950 998" (Described in line 4)	998.010

LINE 6.

By J. E. McClane, 1950; 1951; Book AV 224	
"TT 28 AS 1950" (Described in line 2)	667.077
Holy Cross, 312 ft NE. of Cash Variety Store; 27 ft S.; 84 ft E. and 7 ft lower than intersection of State Highways 49 and 527; 1.5 ft S. of fenceline; in concrete post; standard tablet stamped "170 JEM 1951 698" (Reported destroyed 1974)	697.811
Reference mark; 312 ft SW. of tablet; on SE. corner of first step to entrance of general store; chiseled square	685.27
U.W., Holy Cross, 1.0 mi E. of; 9 ft S. of, and 1 ft lower than center of State Highway 49; on SE. corner of wingwall of concrete bridge; chiseled square	594.08
Holy Cross, 2.9 mi E. of, along State Highway 49; 54 ft N.; 10 ft W. and level with center of traffic triangle at junction of T-gravel rd. E.; 1.5 ft S. of fence post; in concrete post; standard tablet stamped "171 JEM 1951 751" (Reported disturbed, 1952)	750.90
U.E., Holy Cross, 7.3 mi NE. of; 15 ft NW. and level with center of State Highway 152; at W. end of concrete bridge over Hardin Creek; on NW. corner of W. wingwall; chiseled square	567.39
Holy Cross, 8.4 mi NE. of; 12 ft S.; 93 ft W. and level with center of State Highway 152 at junction of Y-gravel rd.; in SE. wingwall of concrete bridge over Road Run Creek; standard tablet stamped "172 JEM 1951 576"	575.968

LINE 6 (Cont'd.)Feet

Reference mark; 110 ft NW. of tablet; on NW. corner of N. rail base of concrete bridge; chiseled square	576.18
Holy Cross, 11.0 mi NE. of; 350 ft NE. of Blincoe School; 42 ft N.; 42 ft W. and 1 ft lower than center of crossroads; 30 ft NW. of fence corner; in concrete post; standard tablet stamped "173 JEM 1951 530"	529.479
Reference mark; 105 ft NE. of tablet; on corner of concrete pump base; chiseled square	534.46

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

37-085-13
LEBANON QUADRANGLE
124 KENTUCKY
N3730-W8515/15
DIAGRAM NJ 16-9
WINCHESTER

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

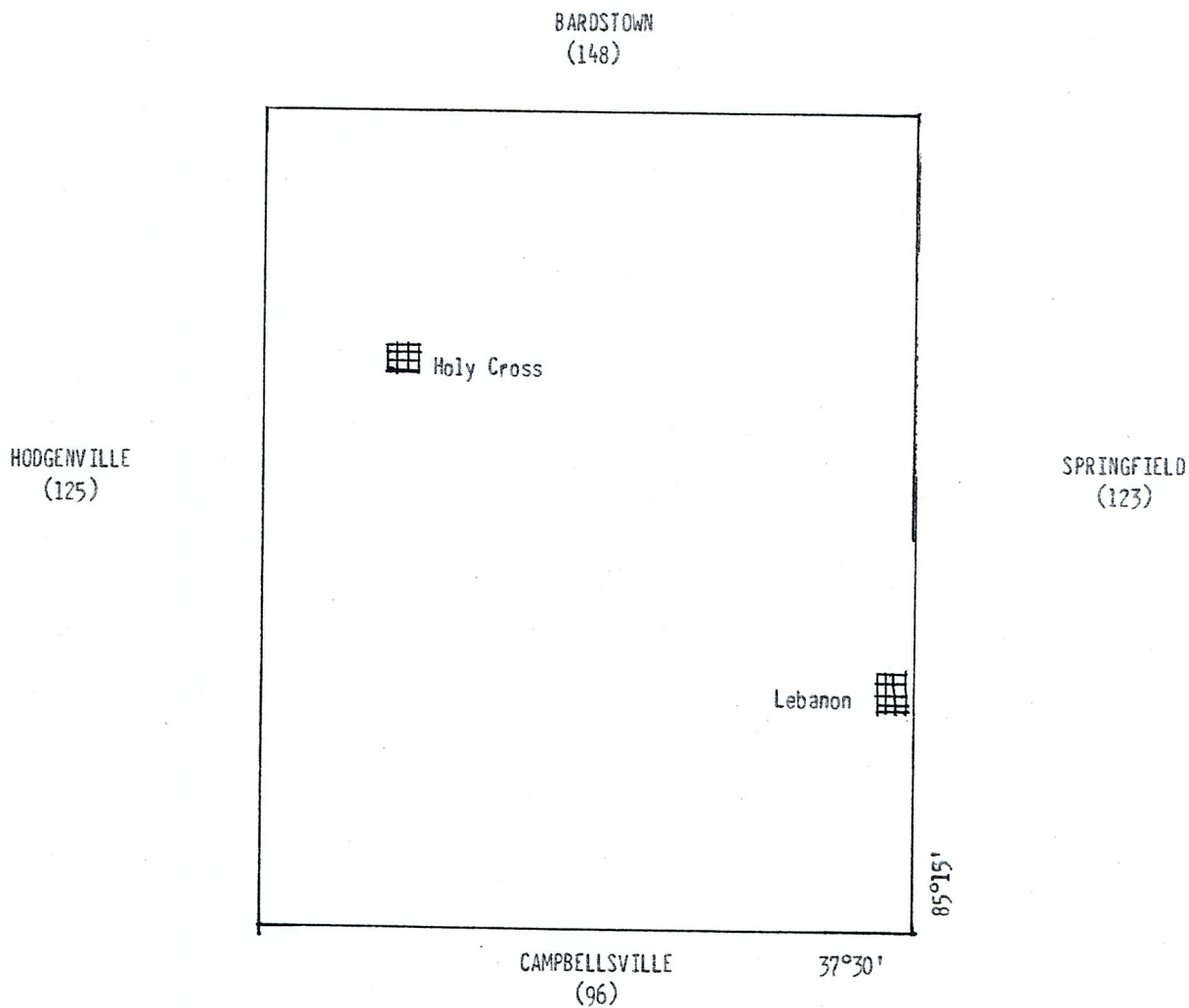
Larue, Marion, Nelson, and
Washington Counties

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

Edition of 11/4/77

PR: CRV/rmm

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



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.

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LEBANON QUADRANGLE

37-085-13
N3730-W8515/15

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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 A. Salloom, 1950; Book AH 194

New Hope, 7.3 mi N. of; 1.4 mi SE. of Balltown, along State Highway 46; 35 ft N. and 2 ft W. of centerline of hwy. at junction of I-rd. S.; 41 ft W. of 42-in. twin locust tree; 24 ft NE. of NE. corner of concrete culvert; 2 ft S. of fenceline; in concrete post; standard tablet stamped "TI 26 AS 1950 668"

X = 2,074,987 Y = 506,487 37 43 27.00 85 29 26.67

New Hope, 5.3 mi N. of, along State Highway 46, 45 ft S. and 12 ft W. of centerline of hwy. at junction of drive to residence of Homer Morris; 32 ft SW. of NW. corner fencepost; 25 ft W. of fenceline; at E. side of clearing; in concrete post; standard tablet stamped "TI 27 AS 1950 654"

X = 2,073,331 Y = 497,373 37 41 56.94 85 29 47.59

New Hope, 9.4 mi S. of, 18 ft S. of, and 1 ft lower than centerline of rd. at junction of I-rd. E.; 34 ft W. of power pole; 2 ft N. of fenceline; in concrete post; standard tablet stamped "TI 33 AS 1950 567"

X = 2,074,985 Y = 436,864 37 31 58.64 85 29 29.07

Raywick, 2.5 mi W. of, along State Highway 84, thence 1.6 mi W., thence 2.7 mi S.; 6 ft S. and 10 ft E. of centerline of rd. at junction of abandoned I-rd. W.; 28 ft SE. of SE. corner fencepost; 7 ft W. of fenceline; 4 ft NW. of 6-in. walnut tree; in concrete post; standard tablet stamped "TI 50 AS 1950"

X = 2,074,430 Y = 430,917 37 30 59.86 85 29 36.16

Springfield, 5.2 mi NW. of post office, along State Highway 55; 0.2 mi N. of concrete bridge; 30 ft E. of, and 3 ft higher than centerline of hwy.; 100 ft N. of 30-in. elm tree; 4 ft SW. of telephone pole; 2 ft W. of fenceline; in concrete post; NGS standard disk stamped "P 56 1935"

X = 2,140,924 Y = 515,428 37 44 52.82 85 15 45.43

Lebanon, 3.0 mi N. of post office, along State Highway 55; 27 ft E. of centerline of hwy.; 4 ft SW. of telephone pole; 3 ft W. of fenceline; in concrete post; NGS standard disk stamped "G 56 1935"

X = 2,143,784 Y = 465,812 37 36 42.14 85 15 11.81

Lebanon; at intersection of Main and Spalding Streets; 3 ft W. of SE. corner of post office; 39 ft W. of centerline of Main Street; 31 ft N. of centerline of Spalding Street; set vertically in S. foundation of post office building; NGS standard disk stamped "LEBANON 1935"

X = 2,144,167 Y = 450,614 37 34 11.86 85 15 09.28

124 KENTUCKY
LEBANON QUADRANGLE

37-085-13
4

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

OBSOLETE MARKS (Cont'd.)

Lebanon, 1.0 mi S. of post office, along State Highway 49, thence 0.5 mi SW.; at right-angle turn in rd.; 58 ft SW. of centerline of rd. at junction of drives to residences of Joe Sansbury and S. H. Rollins; 53 ft W. of centerline of rd.; 25 ft E. of E. rail of Louisville and Nashville Railroad; 12 ft SW. of SW. side of 36-in. walnut tree; in concrete post; standard tablet stamped "TI 48 AS 1950"

X = 2,142,921 Y = 445,708 37 33 23.41 85 15 25.08

Lebanon, 1.0 mi S. of post office, along State Highway 49, thence 0.5 mi SW., thence 1.2 mi S.; 4 ft S. and 29 ft W. of centerline of rd. at junction of Y-rd. W.; 63 ft SW. of 48-in. elm tree; 17 ft NE. of 48-in. elm tree; in concrete post; standard tablet stamped "TI 49 AS 1950"

X = 2,143,519 Y = 439,489 37 32 21.90 85 15 18.07

Calvary, 0.2 mi S. of station, along Louisville and Nashville Railroad; 2 ft NW. of SE. face of bridge over Green River; in SE. concrete abutment; NGS standard disk stamped "C 56 1935"

X = 2,141,568 Y = 429,567 37 30 43.90 85 15 42.93