

THIRD-ORDER LEVELING
SEA LEVEL DATUM OF 1929

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

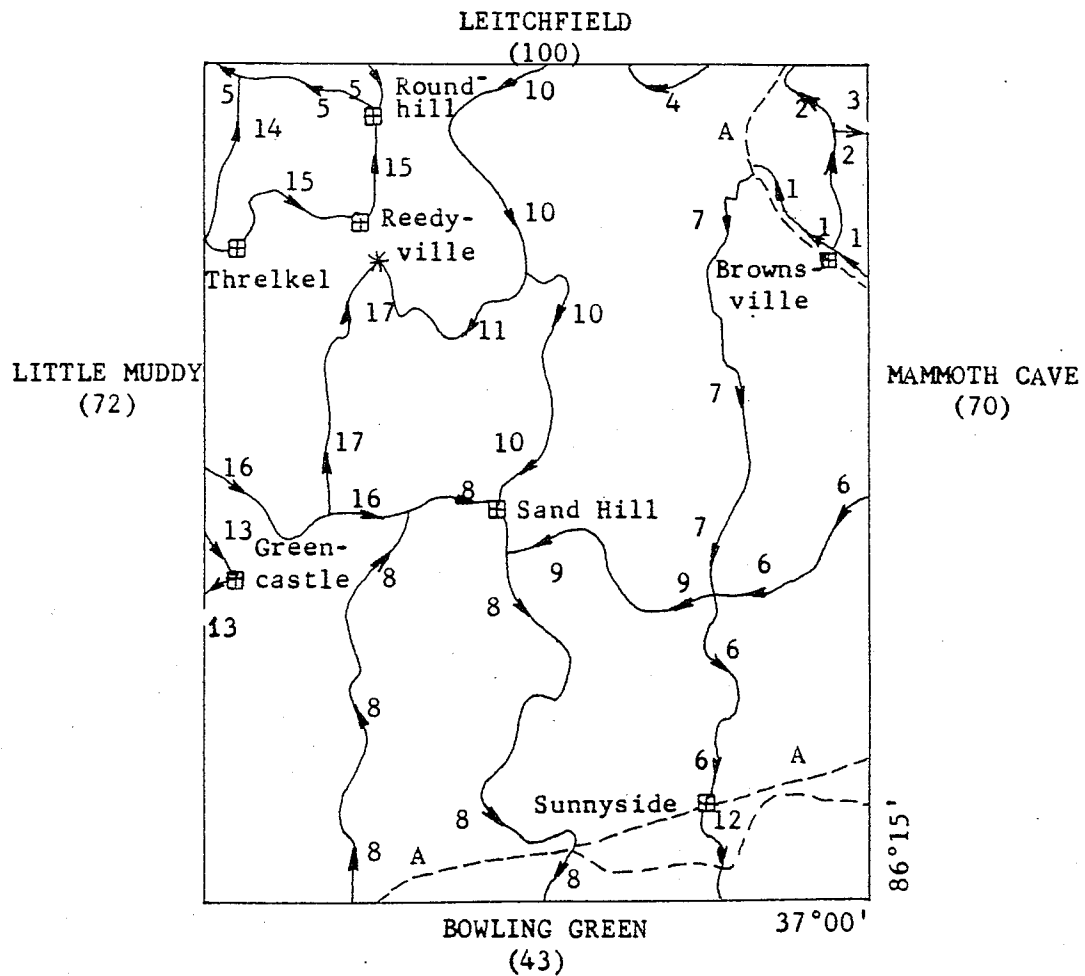
37-086-23
BROWNSVILLE QUADRANGLE
71 KENTUCKY
N3700-W8615/15
DIAGRAM NJ 16-8
EVANSVILLE

Butler, Edmondson
and Warren Counties

Final adjustment of 1972

Edition of 4/9/74

PR; CRV/mid



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 370862

* Tie to isolated control

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	<u>Feet</u>
ISOLATED BENCH MARKS (By E. C. Bibbee, 1911; Book A8898, E. F. Allen, 1919, Book B508, S.H. Birdseye, 1919, B508; F.J. McMaugh, 1922; Book B1339)	
Richardsville, 1.0 mi N. of; 25 ft W. of N.-S. rd.; at corner of fence; iron post; standard cap stamped "PRIM TRAV STA NO 6 1909 560 KENTUCKY" (Not Found 1954)	559.912
Long, 2 ft S. of SE. corner of post office; on iron post; standard cap stamped "618 KENTUCKY"	617.912
Vineyard, 1.3 mi S. of; 25 ft E. of center of public rd.; in NW. corner of garden of P. C. Smith; on iron post; standard cap stamped "430 KENTUCKY"	429.558
Brownsville, at N. corner of courthouse yard; 87 ft N. of N. corner of courthouse; 57 ft SW. of edge of stone wall; 14 ft SE. of corner fence post; on iron post; standard cap stamped PRIM TRAV STA NO 13 1919 KY 537"	536.590
Brownsville, 5.6 mi NW. of; 2.0 mi E. of iron bridge over Bear Creek; in SW. corner of T-rd. W.; 15 ft from corner fence; iron post stamped "KY 674" (Reported not found, 1942)	673.340
Round Hill, 2.8 mi E. of; 30 ft W. of center of T-rd. E., W. side of rd.; on iron post stamped "569 KY" (Destroyed, 1953)	567.846
Honakers Ferry, 0.9 mi NW. of; 95 ft NE. of junction of Y-rds.; inside wire fence; on iron post; standard cap stamped "477 KY" (as reset December, 1932)	480.625
Anna, 2 ft From W. wall of store building; on iron post standard cap stamped "537 1919 KY" (Reported covered up, 1953)	536.695
Sand Hill, 0.7 mi N. of; in V formed by rd. forks; on iron post; standard cap stamped "689 1919 KY" (Reported not found, 1942)	688.866
Friendship Church, 3.2 mi N. of Polkville; 500 ft W. of church; in SW. corner of T-rd. E.; on iron post; standard cap stamped "592 1919" (Not found, 1954)	591.178
Bowling Green, 4.2 mi E. of; on Louisville and Nashville Pike; NW. corner of T-rd. N.; 50 ft from center of limestone boulder; standard tablet stamped "536 1919 KY" (Reported not found, 1942)	535.688
Mount Olive Church, 300 ft S. of; on N. side of T-rd. S.; in rock outcrop; standard tablet stamped "566 1919 KY" (Reported not found, 1942)	565.126

ISOLATED BENCH MARKS (Cont'd)Feet

Christian Church, 0.8 mi W. of; 3.4 mi SE. of Richardsville; on N. side of T-rd. S.; 30 ft from center of rd.; on iron post standard cap stamped "57 1919 KY" (Destroyed, 1954) 526.108

Boiling Spring School, 300 ft SE. of, NW. corner of T-rd. N.; on iron post; standard cap stamped "674 1919 KY" (Destroyed, 1954) 674.012

Chalybeate Springs, 3.2 mi SW. of; on E. side of T-rd. W.; on iron post; standard cap stamped "642 1919 KY" (Reported not found 1942) 641.702

LINE 1.

By G. W. Moore, 1930; Book B3830

U. E., Brownsville, 0.7 mi SE. of; 15 ft S. of T-rd. N., at small store, at W. end of S. curbing of stone hwy. bridge culvert under Brownsville Pike; chiseled square 555.16

LINE 2.

By G. W. Moore, 1930; Book B3830

Brownsville, 1.0 mi NE. of, at Lock No. 6 across Green River; at NW. corner of E. concrete headwall; standard tablet stamped "TT STA NO 10 L 1930" 431.162

Reference mark, about 0.1 mi SE. of tablet; SW. edge of rd.; NE. of foot path to Lock No. 6 on top of NE. end of stone archway over spring; chiseled square 465.61

U. E., Lock No. 6, 1.5 mi N. of; on N. side of Green River; at foot of hill; on SE. side of rd. forks; 5.5 ft S. of twin walnut tree; on top of rock; chiseled square 475.68

Poplar Spring School, 134 ft NW. of N. corner of; 36 ft S. and 67 ft E. from T-rd SW.; 25 ft S. of rd.; 4 ft W. and 3 ft S. from fence corner; in concrete post; standard tablet stamped "TT STA NO 11 L 1930" 660.698

U. E., Poplar Spring School, 0.5 mi NW. of; 55 ft S. of rd. forks; 30 ft N. of residence of C.E. Claudherrod; at W. corner of concrete pump platform; chiseled square 717.33

LINE 3.

By G. W. Moore, 1930; Book B3830

There are no permanent marks on this line in this quadrangle

LINE 4.Feet

By J. D. Nikolaus, 1952; Book AV 254

Sweeden, 2.7 mi SW. of; along graveled rd. leading to asphalt quarry; 15 ft E. of center of grass triangle formed by Y-rd. fork; 18 ft NW. of mailbox in E. corner of triangle; in concrete post; standard tablet stamped "80 JDN 1951 667" 668.047

LINE 5.

By J. D. Nikolaus, 1952; Book AV 254

Round Hill, 1.1 mi N. of; along State Highway 185; 35 ft S. and 3 ft E. of T-driveway to house; 3 ft NE. of fence post; about level with hwy.; in concrete post; standard tablet stamped "85 JDN 1951 452" 452.404

Reference Mark; on N. corner of W. headwall of concrete culvert; chiseled square 450.70

Round Hill, 111 ft N. and 96 ft E. of intersection of State Highways 185 and 70; on E. side of State Highway 185; 3 ft. N. of concrete hwy. marker; 4 ft W. of SW. corner of small garage building, in concrete post; standard tablet stamped "86 JDN 1951 455" 453.664

Mt. Lebanon School, 600 ft N. of; 1.5 mi W. of Round Hill; in SW. corner of crossroads; on iron post; standard cap stamped "623 KY" 622.331

Round Hill, 3.5 mi W. of along State Highway 70, 21 ft S. of and 45 ft W. of intersection of crossroads, 45 ft NW. of 26-in hickory tree, 2.5 ft higher than rd., in concrete post; standard tablet stamped "87 JDN 1951 456" 454.368

LINE 6.

By C. M. Nichols, 1953; Book AV 344

Chalybeate School, 1.5 mi S. of, 60 ft W. of and 3 ft higher than Y-rd. fork NW., 4 ft W. of corner fence post, in concrete post; standard tablet stamped "37 CMN 1953 644" 643.647

U. E., Chalybeate School, 2.6 mi SW. of, 80 ft SW. of and 2 ft higher than T-rd. NW., on NW. end of concrete walk leading to house; chiseled square 649.49

Chalybeate School, 3.5 mi SW. of, at Boiling Spring, 45 ft NW. of, and 1 ft higher than junction of State Highway 742 and graveled rd. NE., on W. end of gas pumps base at Clarence Cowles store; standard tablet stamped "38 CMN 1953 662" 661.801

LINE 6. (Cont'd)

	<u>Feet</u>
U. E., Boiling Springs, 0.8 mi S. of, on SW. end of SE. concrete culvert headwall at sharp bend in rd.; chiseled square	571.54
Chalybeate School, 6.5 mi SW. of, 3.0 mi NE. of Sunnyside, 50 ft W. of and 3.5 ft lower than T-junction of State Highway 74 ⁸ and U.S. Highway 31W, 15 ft N. of corner fence post; 1.5 ft E. of fence, in concrete post; standard tablet stamped "39 CMN 1953 582"	582.248
Reference mark, 135 ft SW. of tablet, 25 ft W. of center of U.S. Highway 31W, on NE. end of SW. concrete culvert headwall; chiseled square	583.69
"K 7 1921" (NGS)	558.355

LINE 7.

By C. N. Nichols, 1953; Book AV 344

Brownsville, 2.1 mi NW. of; at rd. forks in NE. corner; on iron post standard cap stamped "KY 726 1919"	725.038
Brownsville, 2.8 mi NW. of courthouse, 50 ft E. of and 3.5 ft higher than triangular-shaped rd. junction, 3 ft S. of fence corner, in concrete post; standard tablet stamped "45 CMN 1953 708" (Destroyed; 1965)	707.775
U. E., Brownsville, 2.8 mi NW. of thence 1.4 mi S., on S. end of W. stone culvert headwall, about level with rd. opposite; chiseled square	669.13
Brownsville, 5.3 mi SW. of, in NW. corner of Mt. Zion Cemetery, 30 ft SW. of, and 3 ft higher than center of rd. at fence line SW., 4 ft SE. of corner fence post, in concrete post; standard tablet stamped "46 CMN 1953 702"	701.829
U. E., Mt. Zion Cemetery, 1.7 mi S. of, 65 ft SE. of and 5 ft lower than rd. at clearing E. at sharp curve in rd., on rock ledge; chiseled square	680.46
Brownsville, 7.7 mi SW. of, at old Parrish Mill Ferry landing, 160 ft NW. of center of Green River, 28 ft SE. of 40-in elm tree, 2 ft E. of fence, in concrete post; standard tablet stamped "47 CMN 1953 441"	440.356

LINE 7. (Cont'd)

	<u>Feet</u>
U. E., Parrish Mill Ferry, 1.6 mi S. of, 130 ft NW. of and 14 ft higher than triangular-shaped rd. junction, 50 ft S. of SW. corner of Pine Grove abandoned school, on top of concrete well; chiseled square	668.29
Boiling Spring, 2.5 mi N. of, at Pine Grove Presbyterian Church, 200 ft W. of and 8 ft higher than triangular-shaped rd. junction, on N. end of lower concrete step; standard tablet stamped "48 CMN 1953 641"	640.093
Reference mark, 300 ft E. of tablet, 25 ft N. of center of rd., on SW. corner of concrete gas pumps base; chiseled square	636.90
"38 CMN 1953 662" (Described in line 6)	661.801

LINE 8.

By W. S. Monk, F. Neary and C.M. Nichols, 1953; Book AV346	
"D 74 1935" (NGS)	513.811
U. E., Bowling Green, 0.6 mi N. of courthouse, in NW. corner of junction of State Highway 67 and Main Street, on concrete curb; chiseled square	492.59
Bowling Green, 1.9 mi NE. of courthouse; 0.1 mi N. of TVA steam power plant; 0.20 mi SE. of Bowling Green Country Club clubhouse; 77 ft E. and 23 ft N. of junction of State Highway 67 and rd. W.; standard tablet stamped "5 WSM 1953 RESET 1958"	437.598
Reference mark; 251 ft S. of tablet; on E. end of concrete headwall of box culvert; chiseled square	439.00
U. E., Bowling Green, 2.4 mi N. of, 140 ft E. of SE. end of steel girder bridge crossing Barren River, on concrete tier of bridge; chiseled square	456.42
Bowling Green, 3.8 mi N. of post office along State Highway 67, 37 ft NW. of center of hwy. and 5 ft SE. of white witness post, in ledge of bedrock about 3 ft high; NGS standard triangulation disk stamped "BARREN 1952" (Destroyed, 1968)	576.820
Reference mark No. 2, 18 ft NW. of station, 54 ft NW. of center of hwy, in ledge of bedrock about 2 ft high; NGS standard reference mark disk stamped "BARREN NO 2 1952" (Destroyed, 1968)	581.344
Bowling Green, 5.8 mi N. of, 4.9 mi S. of Anna, 140 ft N. and 30 ft E. of junction of rd. W., 120 ft E. of NW. corner of Ray Branch Methodist Church, in concrete post; standard tablet stamped "6 WSM 1953 483"	482.783

<u>LINE 8. (Cont'd)</u>	<u>Feet</u>
Reference mark, 110 ft E. of tablet, on concrete steps at entrance to church; chiseled square	485.55
Anna, 3.0 mi S. of along Bowling Green Road, 30 ft N. and 30 ft W. of junction of dim rd. W., 100 ft SW. of telephone pole #1497, in limestone outcrop; standard tablet stamped "7 WSM 1953 496"	495.797
Reference mark, 20 ft SW. of tablet, on limestone outcrop, on N. side of rd. W.; chiseled square	494.42
U.E., Anna, 2.7 mi S. of, 100 ft N. and 15 ft W. of junction of State Highways 67 and 263, on concrete headwall of culvert, 2 ft below hwy.level; chiseled square	596.15
Bowling Green, 8.4 mi N. of courthouse, 0.3 mi N. of junction of State Highways 67 and 263, about 125 ft NW. of center of Hwy 67, 71 ft NE. of NE. corner of residence of Mr. Enis Runner, 15 ft SW. of center of gravel drive, in concrete; NGS standard triangulation disk stamped "ANNA 1952"	721.234
Reference mark No. 2, 70 ft NW. of station, 3 ft E. of SE. corner of small shed, in concrete; NGS standard reference mark disk stamped "ANNA NO 2 1952"	718.017
Anna, 0.2 mi S. of, 200 ft S. and 20 ft W. of junction of N. fork of Y-rd. SW., 25 ft N. of drive W. to residence, in concrete post; standard tablet stamped "8 WSM 1953 567 "	567.407
Reference mark, 12 ft S. of tablet, on concrete headwall of culvert; chiseled square	568.71
U. E., Anna, 10 ft S. and 12 ft E. of junction rd. E., on concrete headwall of culvert; chiseled square	537.77
U.E., Iva Church, on W. end of concrete steps at entrance; chiseled square	624.24
Anna, 2.6 mi E. of, 20 ft N. and 60 ft W. of junction rd. S. at Sand Hill, 170 ft E. of Sand Hill Seventh Day Adventist Church, in concrete post; standard tablet stamped "9 WSM 1953 645 "	645.412
Reference mark, 170 ft W. of tablet, on concrete steps at entrance to church; chiseled square	645.65

LINE 8. (Cont'd)

	<u>Feet</u>
Sand Hill, 1.8 mi S. of, 2.6 mi N. of Girkin, 110 ft N. and 30 ft E. of junction Y-rd. NE., in concrete post; standard tablet stamped "10 WSM 1953 721"	721.318
Reference mark, 70 ft W. of tablet, on limestone ledge center of drain; chiseled square	715.33
U. E., Girkin, 1.9 mi N. of, 80 ft S. and 30 ft W. of junction rd. SW., on bank 4 ft above rd. junction, on sandstone outcrop; chiseled square	757.57
Girkin, at NW. corner of rd. crossing; on iron post; standard cap stamped "595 KY 1919"	594.973
Girkin, 35 ft N. and 30 ft W. of crossroads, in concrete post; standard tablet stamped "11 WSM 1953 592"	591.827
Girkin, 2.0 mi SW. of, 160 ft S. of SW. corner of Mount Olive Church, 22 ft N. and 50 ft E. of junction rd. S., in limestone outcrop; standard tablet stamped "12 WSM 1953 565" (Not found, 1959)	564.961
Reference mark, 85 ft NW. of tablet, on limestone outcrop at junction of drives to church; chiseled square	568. ² / ₃
U. E., Mount Olive Church, 1.4 mi S. of, 15 ft N. and 15 ft W. of T-rd. W., on rock outcrop; chiseled square	583.89
Mount Olive Church, 2.4 mi SW. of, 1.0 mi SW. thence 0.9 mi N. of Bristow, 100 ft W. of power pole #1561, 50 ft SW. of center of curve at Mount Olive Road makes right angle turn, set on tangent with rd. N., in concrete post; standard tablet stamped "13 WSM 1953 467"	466.887
U. E., Mount Olive Church, 3.3 mi SW. of, 35 ft N. and 20 ft W. of junction U.S. Highway 31W and rd. NW., in grassy triangle formed by Y-rd. SW., on limestone outcrop; chiseled square	535.33
Bristow, 55 ft N. and 35 ft W. of crossing of rd. S. to Porter Pike, 620 ft E. of signal light #1083, in concrete post; standard tablet stamped "14 WSM 1953 544"	544.710

LINE 9.

By C. M. Nicholas, 1953; Book AV 344

"38 CMN 1953 662" (Described in line 6)	661.801
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LINE 9 (Cont'd)

	<u>Feet</u>
U. E., Chalybeate School, 4.6 mi SW. of, 20 ft SE. of and 2 ft higher than Y-rd. junction, on S. end of L-shaped stone culvert headwall; chiseled square	685.83
Chalybeate School, 5.7 mi SW. of, 12 ft W. of and 2 ft higher than T-rd. E., 2 ft W. of mailbox post, in rock ledge; standard tablet stamped "43 CMN 1953 624"	624.086
Reference mark, 50 ft SE. of tablet, 20 ft E. of center of rd. S., on rock outcrop; chiseled square	620.85
U. E., Penn Chapel, on SE. corner of concrete gas pump base, at Wilson Grocery, 130 ft NW. of and 1 ft higher than T-rd. NE.; chiseled square	630.01
Penn Chapel, 0.7 mi W. of, 2.4 mi SE. of Sand Hill, on W. end of S. headwall of concrete bridge over small stream, 15 ft S. of and 1 ft higher than center of rd.; standard tablet stamped "44 CMN 1953 607"	606.964
Reference mark, 25 ft N. of tablet, on E. end of N. concrete bridge headwall; chiseled square	606.74
U. E., Penn Chapel, 1.8 mi NW. of, on E. end of N. concrete culvert headwall level with rd. opposite; chiseled square	650.40

LINE 10.

By C. M. Nichols, 1953; Book AV 344

U. E., Round Hill, 2.7 mi E. of, on E. end of N. concrete abutment of bridge over Cub Creek; chiseled square	445.28
Sunfish, 5.7 mi SW. of along State Highway 70, 2.1 mi E. of Round Hill, 35 ft W. of and about level with N.-S. rd. crossing, on E. end of N. concrete culvert headwall; standard tablet stamped "49 CMN 1953 473"	472.517
Reference mark, 25 ft S. of tablet, on E. end of S. concrete culvert headwall; chiseled square	472.61
Sunfish, 7.6 mi SW. of, 1.1 mi NW. of Segal, at residence of J. G. Whalin, 18 ft E. of and 3 ft higher than center of rd., 3 ft N. of fence corner, just inside of yard, in concrete post; standard tablet stamped "50 CMN 1953 466"	465.699

LINE 10. (Cont'd)Feet

Reference mark, 45 ft NW. of tablet, on SE. side SW. end of concrete walk leading to house; chiseled square	463.05
U. E., Segal, 40 ft E. of and 1.5 ft higher than T-rd. NE., on SE. corner of concrete gas pumps base; chiseled square	616.44
Segal, 1.4 mi SE. of, 45 ft SE. of and 5.5 ft higher than State Highway 67 at rd. S., 20 ft E. of rd. S., in concrete post; standard tablet stamped "51 CMN 1953 631"	630.412
Reference mark, 40 ft NW. of tablet, 33 ft SW. of intersection, on W. end of 16-in concrete culvert; chiseled square	624.86
U. E., Asphalt School, 0.6 mi SW. of, 25 ft SE. of and 0.5 ft lower than State Highway 67 at private rd. S., in top of rock; chiseled square	638.02
Segal, 4.7 mi S. of, 4.5 mi N. of Sand Hill, at SW. corner of Hollie Miller's Store, 270 ft SE. of and 2.5 ft higher than Y-rd. junction, 30 ft NE. of center of rd., in concrete post; standard tablet stamped "52 CMN 1953 643"	642.293
Sand Hill, 3.1 mi N. of, 150 ft S. of and 12 ft lower than old rd. crossing at small stream, 100 ft NE. of 30-ft water fall, 25 ft SE. of stream, in top of rock; standard tablet stamped "53 CMN 1953 534"	533.577
U. E., chiseled square (Described in line 8)	624.24

LINE 11.

By C. M. Nichols, 1953; Book AV 344

"51 CMN 1953 631 (Described in line 10)	630.412
Segal, 3.0 mi S. of, at Old Bear Creek Ferry on Green River, about 100 ft NE. of N. bank of river at State Highway 67, 40 ft E. of center of hwy., on bank, in SW. corner of field, in concrete post; standard tablet stamped "54 CMN 1953 436"	434.991
Segal, 5.2 mi SW. of, 1.0 mi S. of Reedyville, at T-rd. E., 40 ft SW. of and 4 ft higher than T-rd. E., 25 ft N. of power line brace pole, on bank, in concrete post; standard tablet stamped "55 CMN 1953 501"	499.985
Reference mark, 95 ft E. of tablet, 10 ft S. of rd. E., in rock ledge; chiseled square	501.67

LINE 11. (Cont'd)

	<u>Feet</u>
U. E., Reedyville, 75 ft SW. of and 1 ft lower than T-rd. W., on N. end of concrete gas pumps base; chiseled square	508.15
Reedyville, 400 ft S. of post office; in NW. corner of T-rd. W.; inside fence; on iron post; standard cap stamped "453 KY"	452.071

LINE 12.

By R. H. Paine, 1953; Book AV 342	
"K 7 1921" (NGS) (Also in line 6)	558.355
Sunnyside, 2.1 mi S. of, at offset crossroads, 25 ft W., 24 ft N. and 1 ft higher than T-rd. N., 3 ft NW. of corner fence post, in concrete post; standard tablet stamped "11 RHP 1953 553"	552.295

LINE 13.

By W. S. Monk, 1953; Book AV 346	
Greencastle, 0.5 mi E. of, 110 ft N., 23 ft W. and about 14 ft higher than T-rd. N., in limestone ledge; standard tablet stamped "31 WSM 492 1953" (Reported not found, 1948)	491.907
Reference mark, 40 ft S. of tablet, 70 ft N. and 15 ft W. of T-rd. N., on limestone ledge; chiseled square	487.88
Greencastle, 95 ft SW. of SW. corner of general store; 400 ft E. of steel girder bridge; 16 ft N. of rd.; on iron post; standard cap stamped "424 KENTUCKY"	423.607
Greencastle, 18 ft W. of rd. N., 70 ft N. of drive W. to lock, 150 ft S. of 18-in. maple tree, 3 ft W. of N.-S. fence; USED iron pipe stamped "US ENGR DEPT LOUISVILLE BM 22"	419.313

LINE 14.

By W. S. Monk, 1953; Book AV 346	
Threlkel, 100 ft SW. of post office, at NE. corner of dwelling; on iron post; standard cap stamped "429 KENTUCKY"	428.814

Jogs into Little Muddy Quadrangle

Threlkel, 12 ft N. and 19 ft E. of NE. corner of post office building, 4 ft N. of wire fence, 33 ft SW. of junction of Y-rd., in concrete post; standard tablet stamped "TT 7 TWC 1953 618"	618.081
Reference mark, 30 ft N. of tablet, in root on SW. side of 8-in elm tree; copper nail and washer	618.09

LINE 14 (Cont'd)Feet

Round Hill, 3.3 mi W. of along State Highway 70, thence 2.1 mi S. of along new gravel rd., 27 ft S. and 14 ft E. of driveway E., in NW. corner of small cultivated field, in concrete post; standard tablet stamped "TT 6 TWC 1953 437"	437.436
Reference mark, 320 ft NW. of tablet, on concrete headwall of culvert; chiseled square	430.96
"87 JDN 1951 456" (Described in line 5)	454.368

LINE 15.

By W. S. Monk, 1953; Book AV 346

"TT 7 TWC 1953 618" (Described in line 14)	618.081
Threlkel, 2.9 mi ENE. of, 2.1 mi W. of Reedyville, in SE. angle of Y-rd. forks, 20 ft S., 100 ft E. and 8 ft above rd. junction, in concrete post; standard tablet stamped "39 WSM 1953 655"	655.307
"453 KY" (Described in line 11)	452.071
"86 JDN 1951 455" (Described in line 5)	453.664

LINE 16.

By W. S. monk, 1953; Book AV 346

Richardsville, 0.3 mi N. of high school, 15 ft S., 100 ft E. and about 3 ft below junction of State Highway 263 and rd. NE., 115 ft SE. corner of store, in concrete headwall of culvert; standard tablet stamped "34 WSM 1953 672"	671.797
Reference mark, 30 ft N. of tablet, on concrete headwall of culvert; chiseled square	671.73
Richardsville, 1.4 mi NE. of, 30 ft N., 15 ft E. and 1 ft lower than rd. junction, 3 ft S. of power pole, in concrete post; standard tablet stamped "35 WSM 1953 576"	575.843
U. E., chiseled square (Described in line 8)	537.77

LINE 17.Feet

By W. S. Monk, 1953; Book AV 346

"35 WSM 1953 576" (Described in line 16)

575.843

Richardsville, 1.4 mi NE. thence 1.6 mi N., 4.6 mi SW. of Reedyville,
5 ft S., 10 ft W. and about 1 ft above rd. junction, in concrete
post; standard tablet stamped "40 WSM 1953 561"

560.672

Reedyville, 1.8 mi S. of, 50 ft S. and 20 ft E. of junction Edgar
Ferry Road and rd. SW., about 2 ft above rd. junction, in concrete
post; standard tablet stamped "41 WSM 1953 586"

585.474

U. E., chiseled square (Described in line 11)

508.15

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

37-086-23
BROWNSVILLE QUADRANGLE
71 KENTUCKY
N3700-W8615/15
DIAGRAM NJ 16-8
EVANSVILLE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

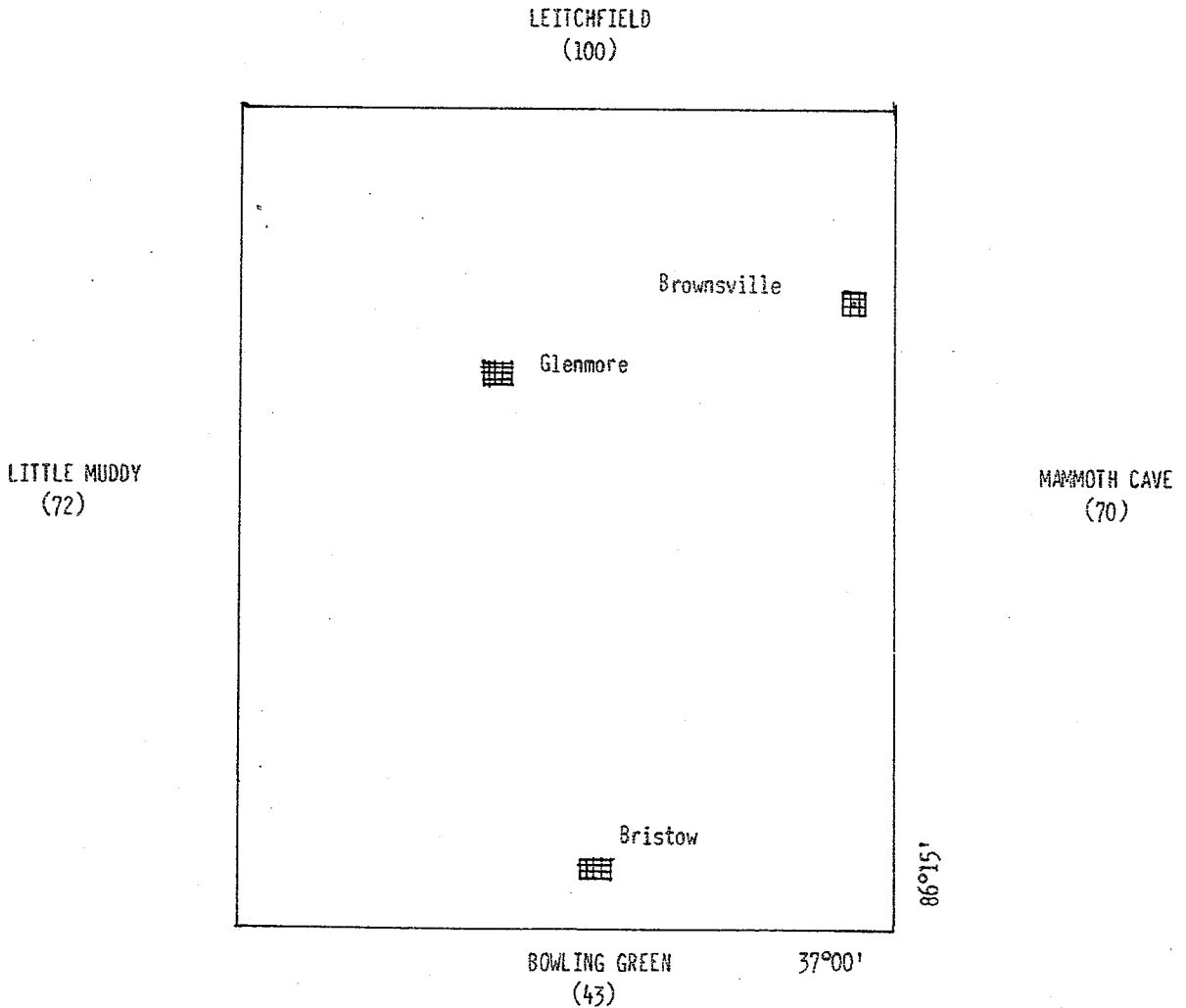
Butler, Edmondson, and
Warren Counties

Edition of 6/16/77

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.

71 KENTUCKY
BROWNSVILLE QUADRANGLE

37-086-23
N3700-W8615/15

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BROWNSVILLE QUADRANGLE

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

The following positions are considered OBSOLETE. To be used only to locate permanent marks in the field.
By C. B. Kendall, 1909 and B. H. Yoakum, 1919

Richardsville, 1.0 mi N. of; 25 ft W. of N.-S. rd.; at fence corner; on iron post; standard cap stamped
"PRIM TRAV STA NO 6 1909 KY 560" (Not found, 1968)

X = 1,790,589 Y = 287,029

37 07 10.28 86 28 05.63

Brownsville, 1.8 mi NW. of; 200 ft N. of residence of B. E. Skaggs; 36 ft N. of rd. forks; 12 ft S. of two gate corner; on E. side of N.-S. rd.; near wire fence; on iron post; standard cap stamped
"PRIM TRAV STA NO 12 1919 Y KY"

X = 1,842,380 Y = 320,437

37 12 44.02 86 17 28.55

Anna Post Office; at Reeder and Young General Store along Bowling Green-Cloverport pike; 25 ft N. of SW. corner of store; 30 ft NE. of oak tree; 3 ft from W. side of store; on iron post; standard cap stamped
"PRIM TRAV STA NO 9 1919 Y KY 537"

X = 1,803,551 Y = 285,361

37 06 55.29 86 25 25.44

By J. M. Lawson, 1930; Book C9500

Brownsville; in N. corner of courthouse yard; 87 ft N. of N. corner of courthouse; 57 ft SW. of edge of stone wall; 14 ft SE. of corner fencepost; on iron post; standard cap stamped "PRIM TRAV STA NO 13 1919 KY 537"

X = 1,849,149 Y = 313,702

37 11 37.80 86 16 04.40

Brownsville, 1.0 mi NE. of; at Lock No. 6 across Green River; at NW. corner of E. concrete headwall; in wall; standard tablet stamped "TT STA NO 10 L 1930"

X = 1,851,401 Y = 318,419

37 12 24.56 86 15 36.88

Poplar Spring School; 134 ft NW. of N. corner; 36 ft S. and 67 ft E. of T-rd. SW.; 25 ft S. of rd.; 3 ft S. and 4 ft W. of fence corner; in concrete post; standard tablet stamped "TT STA NO 11 L 1930" (Not found, 1965)

X = 1,851,718 Y = 326,793

37 13 47.38 86 15 33.53

By J. R. Harris, 1951; Book AH 722

Round Hill, 3.5 mi W. of, along State Highway 70; 21 ft S. and 45 ft W. of crossroads; 45 ft NW. of 26-in. hickory tree; 2.5 ft above rd.; in concrete post; standard tablet stamped "87 JDN 1951 456 TT"

X = 1,784,483 Y = 333,072

37 14 45.06 86 29 25.47

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

OBSOLETE MARKS (Cont'd.)

Mount Lebanon School, 600 ft N. of; 1.5 mi W. of Round Hill; in SW. corner of crossroads; on iron post; standard cap stamped "623 KY II"

X = 1,791,512	Y = 332,020	37 14 35.20	86 27 58.45
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Lindseyville, 0.7 mi NE. of Baptist Church, along State Highway 65; on NE. slope of long hill; 0.15 mi SW. of stone rd. SE. at Shell service station; 18 ft NW. of centerline of hwy.; 1.5 ft lower than hwy.; in SW. end of NW. headwall of concrete pipe culvert; NGS standard disk stamped "K 127 1943"

X = 1,844,136	Y = 331,389	37 14 32.40	86 17 07.60
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Lindseyville; 175 ft W. of, and across State Highway 65 from SW. corner of Baptist Church; in line with S. side of church; 201 ft SW. of centerline of dirt rd. W.; 32 ft NW. of centerline of hwy.; 4 ft S. of corner fence post; 1 ft higher than hwy.; in concrete post; NGS standard disk stamped "K 75 1935" (Not found, 1965)

X = 1,841,176	Y = 328,674	37 14 05.39	86 17 44.01
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Lindseyville, 0.9 mi S. of Baptist Church, along State Highway 65; at foot of S. slope of long hill; 93 ft NW. of centerline of private driveway SW. to farmhouse; 24 ft SW. of centerline of hwy.; about 4 ft lower than hwy.; in SE. end of SW. headwall of 3- by 3-ft concrete box culvert; NGS standard disk stamped "L 127 1943"

X = 1,841,127	Y = 324,112	37 13 20.28	86 17 44.30
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Brownsville, 1.1 mi SE. of county courthouse, along State Highway 65; 180 ft NE. of NE. corner of one-story farmhouse; at private driveway; 104 ft N. of N. end of pipe culvert; 59 ft S. of S. end of box culvert; 15 ft W. of hwy.; in NW. corner of bridge; NGS standard disk stamped "T 124 1943"

X = 1,853,715	Y = 311,267	37 11 13.97	86 15 07.81
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By I. W. Cayce, 1953; Book AH 314

Round Hill, 3.3 mi W. of, along State Highway 70, thence 2.1 mi S. along new graveled rd.; 27 ft S. and 14 ft E. of driveway E.; in NW. corner of small cultivated field; in concrete post; standard tablet stamped "TT 6 TWC 1953 437"

X = 1,784,511	Y = 322,170	37 12 57.28	86 29 24.07
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Threlkel; 12 ft N. and 19 ft E. of NE. corner of post office building; 33 ft SW. of junction of Y-rd.; 4 ft W. of wire fence; in concrete post; standard tablet stamped "TT 7 TWC 1953 618"

X = 1,781,799	Y = 314,838	37 11 44.56	86 29 56.88
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STATION	DESCRIPTION	LATITUDE	LONGITUDE
	PLANE COORDINATES, FEET	° ' "	° ' "

OBSOLETE MARKS (Cont'd.)

Threlkel, 1.0 mi S. of post office, along graveled rd. to ferry landing on Green River; at NE. corner of dwelling; on iron post; standard cap stamped "429 KENTUCKY"

X = 1,781,978 Y = 312,897 37 11 25.39 86 29 54.48

Greencastle, 0.5 mi E. of; 110 ft N. and 23 ft W. of, and 14 ft above I-rd. N.; in limestone ledge; standard tablet stamped "31 WSM 1953 492 17" (Not found, 1968)

X = 1,783,701 Y = 277,743 37 05 37.93 86 29 29.77

Greencastle, 400 ft E. of steel girder bridge; 95 ft SW. of SW. corner of general store; 16 ft N. of rd.; on iron post; standard cap stamped "424 KENTUCKY"

X = 1,782,128 Y = 276,803 37 05 28.52 86 29 49.10

Anna, 0.2 mi S. of, along Bowling Green Road; 200 ft S. and 20 ft W. of junction of N. fork of Y-rd. SW.; 25 ft N. of drive W. to residence; in concrete post; standard tablet stamped "8 WSM 1953 567"

X = 1,803,384 Y = 284,517 37 06 46.37 86 25 27.43

Anna, 2.6 mi E. of; 20 ft N. and 60 ft W. of junction of rd. S. at Sand Hill; 170 ft E. of Sand Hill Seventh Day Adventist Church; in concrete post; standard tablet stamped "9 WSM 1953 645"

X = 1,815,258 Y = 285,181 37 06 53.75 86 23 00.90

Sand Hill, 1.8 mi S. of; 2.6 mi N. of Girkin; 110 ft N. and 30 ft E. of Y-rd. NE.; in concrete post; standard tablet stamped "10 WSM 1953 721"

X = 1,816,249 Y = 276,648 37 05 29.44 86 22 47.95

Girkin, 2.0 mi SW. of crossroads; 160 ft S. of SW. corner of Mt. Olive Church; 22 ft N. and 50 ft E. of junction of rd. S.; in limestone outcrop; standard tablet stamped "12 WSM 1953 565" (Not found, 1959)

X = 1,816,076 Y = 261,911 37 03 03.72 86 22 48.88

Mount Olive Church, 2.4 mi SW. of, 1.0 mi SW. of Bristow, thence 0.9 mi N.; 2.4 mi S. of Mt. Olive Church; 100 ft W. of power pole 1561; 50 ft SW. of center of curve at right-angle turn; on tangent with rd. N.; in concrete post; standard tablet stamped "13 WSM 1953 467"

X = 1,812,787 Y = 251,187 37 01 17.46 86 23 28.56

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BROWNSVILLE QUADRANGLE

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

OBSOLETE MARKS (Cont'd.)

Bristow; 55 ft N. and 35 ft W. of crossing of rd. S. to Porter Pike; 620 ft E. of signal light 1083; in concrete post; standard tablet stamped "14 WSM 1953 544"

X = 1,821,091	Y = 249,962	37 01 05.89	86 21 46.07
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MARK TIED BY NGS

By J. R. Harris, 1951; Book AH 222

Mount Lebanon School, 650 ft SW. of; 115 ft WSW. of NW. corner of cemetery; 41 ft S. of field rd.; between fourth and fifth trees in row of cedar trees; 106 ft W. of fence; in concrete post; standard tablet stamped "TT 12 JRH 1951"

X = 1,790,832.69	Y = 331,422.05	37 14 29.235	86 28 06.790
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