

THIRD-ORDER LEVELING  
SEA LEVEL DATUM OF 1929

37-088-24  
GOLCONDA QUADRANGLE  
108 KY. - 7 ILL.  
N3715-W3315/15  
DIAGRAM ILL 16-7  
PADUCAH

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

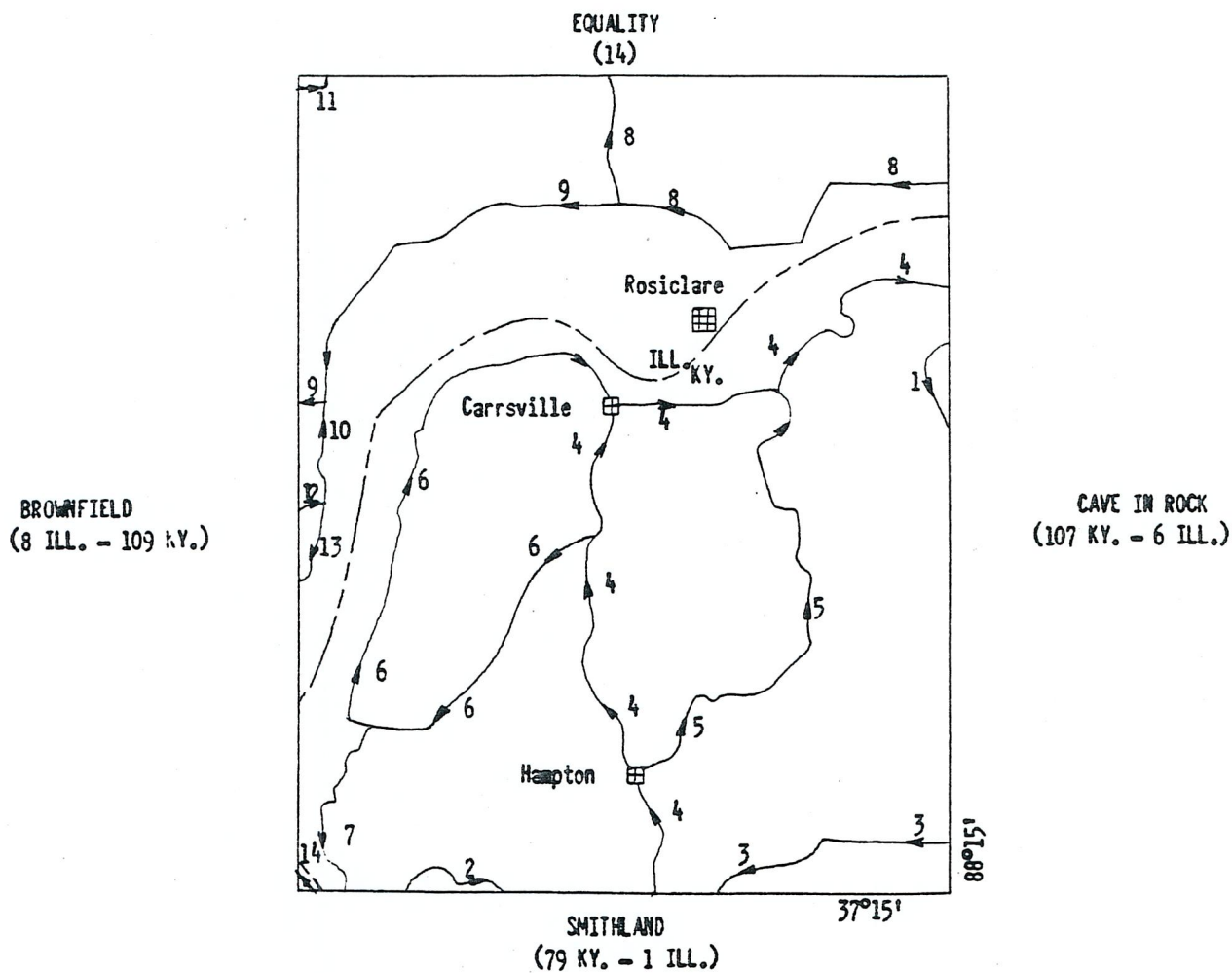
Crittenden and Livingston Counties, Ky.  
Pope & Hardin Counties, Illinois

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

Final Adjustment of 1962

Edition of 3/18/74

PR: LFB/mjh



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ISOLATED BENCH MARKS (By F. L. Whaley, 1916; Book A9731)

Feet

Joy, 5.6 mi W. of; 2.5 mi SE. across Ohio River from Golconda, Ill., in E. corner of Mr. J. W. Long's store yard, at NW. corner of crossroads; about 0.5 mi E. of lower ferry landing; on iron post; standard cap stamped "366 KY 1916" (Reported not found, 1953)	365.487
Joy, 2.0 mi W. of; 600 ft E. of Mr. E. B. Metcalf's residence, at W. corner of dim T-rd. S. to Mantle Rock; on iron post; standard cap stamped "535 1916"	534.897
Joy, 3.0 mi E. of; 2.5 mi NW. of Lola; at rd. forks; on E. side of rd.; in top of large gray limestone rock; standard tablet stamped "417 KY 1916"	416.182
Bayou, 2.1 mi E. of; 600 ft N. of McMurray Chapel; 40 ft S. of W. corner of rd. junction at T-rd. S.; on W. side of rd., on iron post; standard cap stamped "562 KY 1916" (Reported destroyed, 1953)	561.552

LINE 1.

By H. Springer, 1953; Book AV 2026

1.90 Tolu, 1.9 mi S. of, along State Highway 387; in the NW. corner of farmyard opposite T-rd. E.; 30 ft W. of centerline of hwy., in concrete post; standard tablet stamped "HXS 5 1953 TT 461"	460.919
1.90 Reference mark, 130 ft N. of tablet, on E. headwall of concrete culvert; chiseled square	456.68
3.00 U. E., about 250 ft N. of "Y" jct. of Tolu and Elizabethtown ferry rd.; on E. headwall of concrete culvert; chiseled square	475.89
3.50 U. E., on E. headwall of concrete culvert; chiseled square	486.87

LINE 2.

By I. H. Williams, 1953; Book AV 2016

9.91 U. E., 1.1 mi NE. along county rd. from 3 THW 1953; at rd. curve; on W. side of rd.; on concrete drain; chiseled square	581.62
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LINE 2 (Cont'd.)Feet

- 10.29 Birdsville; 1.9 mi NW. along Ky. State Highway 137 to Bayou; thence 1.4 mi NE. along county rd.; at T-rd. jct.; in concrete post 0.5 ft higher than ground; standard tablet stamped "4THW 1953 559"
- 10.29 Reference mark, 30 ft E. of tablet; in notch in base of 4 in. locust tree; copper nail and washer
- 11.36 U. E., 1.1 mi E. along county rd. to Burna from 4 THW 1953; at small drain crossing; 10 ft S. and 360 ft E. of, and 1.5 ft lower than centerline of rd. and private drive; in concrete culvert; chiseled square

LINE 3.

By J. J. Recktenwald, 1953; Book AV 2022

- 1.00 U. E., 1.0 mi SW. along U. S. Highway 60 from Salem; at top of hill; 18 ft N. of, and level with centerline of hwy. crossing ridge at concrete culvert; on N. headwall; chiseled square
- 2.09 U. E., 2.1 mi SW. along U. S. Highway 60 from Salem; 480 ft W. of crossing jct. of hwy. and county rd.; at bridge over Livingston Creek; 12 ft S. and 9 ft E. of, and level with centerline of bridge; on SE. wingwall; chiseled square
- 2.74 Salem, 2.7 mi SW. along U. S. Highway 60, thence 670 ft N. along graveled rd. to Old Salem Church; 30 ft S. of, and 3 ft higher than crossing jct. of county rd. and abandoned rd.; 2 ft W. of fence line; on iron pipe; standard cap stamped "461 KY 1916" (Destroyed, 1962)
- 2.74 Reference mark, 63 ft S. and 22 ft W. of tablet; 12 ft W. of county rd.; in root; on W. side of 40 in. oak tree; in notch; copper nail and washer
- 3.63 U. E., 0.9 mi SW. along U. S. Highway 60 from B. M. 461; about 725 ft S. of tall brick chimney; at small drain crossing; 23 ft NW. of, and level with center line of hwy.; in concrete culvert; on headwall; chiseled square
- 4.73 U. E., 2.0 mi SW. along U. S. Highway 60 from B. M. 461; 18 ft S. of, and level with Y-jct. of hwy. and graveled rd. NE.; 45 ft N. and 40 ft W. of NW. corner of large white house standing on S. side of hwy.; on W. side of driveway; on concrete drainpipe; chiseled square
- 5.23 Salem, 5.2 mi SW. of, along U. S. Highway 60; 1.8 mi NE. along U. S. Highway 60 from Burna; near bottom of long hill; 30 ft S. and 15 ft E. of, and 1 ft lower than T-jct. of hwy. and driveway S.; 1 ft N. of fence corner; in concrete post; standard tablet stamped "20 JR 1953 525 IT"
- 5.23 Reference mark, 9 ft N. and 90 ft E. of tablet; 21 ft S. of, and 1 ft lower than centerline of hwy.; in concrete culvert; on centerline of S. headwall; chiseled square

1953

LINE 4.

feet

By J. J. Recktenwald, 1953; Book AV 2022

1.26	U. E., 0.7 mi N. along State Highway 135 from Burna; at Concrete bridge over Bayou Creek; on centerline of bridge; chiseled square	471.73
2.05	Burna post office, 0.1 mi E. of, along U. S. Highway 60, thence 1.6 mi N. along State Highway 135; 17 ft N. and 6 ft E. of center of rd. at T-drive E. same elevation as center of rd., in S. end of concrete culvert; standard tablet stamped "TT 1 IG 1952 486"	486.112
2.05	Reference mark, 129 ft N. of tablet; 12 ft E. of and level with centerline of highway; in concrete culvert; on centerline of E. headwall; chiseled square	485.62
2.68	U. E., 0.6 mi N. along State Highway 135 from TT 1 IG; 17 ft N. and 21 ft E. of, and level with centerline of Y-jct. of hwy. and county rd. NW.; on N. end of corrugated drainpipe; chiseled square	511.73
3.13	U. E., 1.1 mi N. along State Highway 135 from TT 1 IG; 0.4 mi SE. of Hampton; at drain crossing; 15 ft W. of, and level with centerline of hwy.; in concrete culvert; on centerline of W. headwall; chiseled square	487.68
3.61	U. E., Hampton; 135 ft W. of the Hampton School house; 15 ft E. of, and 1 ft higher than centerline of hwy.; in concrete stairway; on bottom step; chiseled square	517.64
3.78	Burna post office, 0.1 mi E. of along U. S. Highway 60, thence 3.4 mi N. of along State Highway 135, 51 ft S. and 1 ft W. of N. drive is Clyde Hardin farm, same elevation as center of rd.; in concrete post; standard tablet stamped "TT 2 IG 1952 508"	508.119
3.78	Reference mark, 61 ft N. of tablet; 9 ft W. of and level with centerline of hwy.; on W. end of concrete drainpipe; chiseled square	506.93
4.39	U. E., 0.6 mi N. along State Highway 135 from TT 2 IG; at small drain crossing; 10 ft E. of, and level with centerline of hwy.; on E. end of concrete drainpipe; chiseled square	511.36
4.61	Burna Post Office, 0.1 mi E. of, along U. S. Highway 60, thence 4.2 mi N. along State Highway 135; 8 ft S. and 18 ft W. of junction of State Highway 135 and T-rd. E.; about 2 ft higher than intersection; in concrete post; standard tablet stamped "TT 3 IG 1952 524"	524.192
4.61	Reference mark, 70 ft W. of tablet; in root; on N. side of 24 in. maple tree; copper nail and washer	527.72
4.94	U. E., 0.3 mi NW. along State Highway 135 from TT 3 IG; 650 ft W. of sharp bend in rd.; at low dip in hwy.; 9 ft S. of, and level with centerline of hwy.; in S. end of concrete drain pipe; bottom of chiseled square	488.28
5.68	U. E., 1.1 mi N. along State Highway 135 from TT 3 IG; 8 ft N. and 11 ft W. of, and level with T-jct. of hwy. and farm rd. W.; in N. end of corrugated drainpipe; chiseled square	618.02
6.47	Burna post office, 0.1 mi E. of, along U. S. Highway 60, thence 6.2 mi N. along State Highway 135; 19 ft N. and 32 ft W. of center of rd. and drive; 1 ft higher than center of rd.; in concrete post; standard tablet stamped "TT 4 IG 1952 591"	591.240

LINE 4 (Cont'd.)Feet

6.47	Reference mark, 24 ft N. and 6 ft W. of tablet; in root; on N. side of 24 in tree; copper nail and washer	592.04
7.66	U. E., 1.2 mi N. along State Highway 135 from TT 4 IG; at dip in hwy.; 18 ft W. of, and 2 ft lower than centerline of hwy.; on W. end of concrete drainpipe; in W. end; chiseled square	603.59
8.23	U. E., 1.8 mi N. along State Highway 135 from TT 4 IG; at bottom of dip in hwy.; 162 ft N. and 17 ft E. of I-jct. of hwy. and rd. W.; 17 ft E. of, and 3 ft lower than centerline of hwy.; in E. end of concrete drainpipe; chiseled square	589.99
8.64	Burna Post Office, 0.1 mi E. of along U. S. Highway 60, thence 8.3 mi N. along State Highway 135, 131 ft S. and 5 ft W. of center of rd. and drive E.; 1 ft higher than rd., in concrete post; standard tablet stamped "TT 5 IG 1952 576"	576.448
8.64	Reference mark, 114 ft N. and 36 ft E. of tablet; 9 ft S. and 15 ft E. of, and level with I-jct. of hwy. and driveway E.; on S. end of corrugated drainpipe; chiseled X	570.03
9.34	Joy; in SW. corner of Allen Rice's hotel yard; on iron post; standard cap stamped "429 1916"	428.109
9.34	Reference mark, 57 ft S. and 76 ft E. of cap; 48 ft SW. of Sexton's Grocery store; 21 ft SE. of, and level with Y-jct. of State Highways 135 and 133; at concrete culvert; on headwall; chiseled square	423.57
10.55	Burna post office, 0.1 mi E. of, along U. S. Highway 60, thence 10.3 mi N. along State Highway 135; 2.3 mi S. of post office at Carrsville; 14.5 ft S. and 11 ft E. of center of rd. and drive N.; 1 ft N. of fence line; 2 ft higher than center of rd.; in concrete post; standard tablet stamped "TT 6 IG 1952 415"	414.774
10.55	Reference mark, 39 ft N. and 9 ft E. of tablet; 15 ft N. and 12 ft W. of I-jct. of hwy. and driveway N.; on W. end of corrugated drainpipe; chiseled X	412.91
11.39	U. E., 0.8 mi N. along State Highway 135 from TT 6 IG; at dip in hwy.; 12 ft W. of, and 1 ft lower than centerline of hwy.; in culvert; on stone headwall; chiseled square	403.79
12.98	Carrsville, at SE. corner of crossroads at Albert Boyd's Store, first cross streets S. of River and post office, in concrete post; standard tablet stamped "PRIM TRAV STA NO 6 1915 RESET 1952 361"	361.336
12.99	Carrsville, in village of; about 200 ft riverside of Second Street; 75 ft SE. of SE. corner of old hotel; 16 ft NW. of SW. corner of brick building; on E. side of Main Street; in front of two-story brick building belonging to Mrs. Clemons; in concrete slab; on iron pipe; USED cap designated "BM 168"	361.267
13.00	Carrsville; on left bank of Ohio River; about 125 ft above rd. to landing; on highest point of rock bluff; cut in rock outcrop; triangle with letters "U.S.": U.S. Engineers B.M. 1275 1939; USED designated "BM 1275"	364.531

LINE 4 (Cont'd.)Feet

13.56	U. E., Carrsville, 0.3 mi NW. of ferry landing along S. bank of the Ohio River; 85 ft S. of, and 15 ft higher than S. edge of river; 48 ft N. of, and 18 ft lower than old rd.; on 4-by-3-by-2 ft sandstone boulder; chiseled square	340.56
13.90	U. E., 0.9 mi E. along county rd. from Carrsville; at Ellis Mine; 15 ft S. and 9 ft W. of, and 3 ft higher than Y-jct. of county rd. and mine driveway; on rock outcrop; chiseled square	363.09
15.61	Tolu, post office, 3.0 mi W. of along State Highway 387 to T-junction, thence S. 0.5 mi to crossroad, thence W. along Carrsville rd. 2.6 mi to T-junction, thence N. 0.8 mi, 2.7 mi E. of Carrsville, 28 ft S. and 39 ft E. of intersection of centers of rd. and drive N. at sharp bend, in concrete post; standard tablet stamped "TT 11 IG 1953 355" (Reported destroyed, 1957)	355.345
15.61	Reference mark, 54 ft S. and 36 ft E. of tablet; 11 ft W. of rd.; 2 ft E. of fence line; on rock; chiseled square	350.42
17.35	Tolu, Ky., Post Office, 3.0 mi W. of along State Highway 387 to T-junction, thence S. 0.5 mi to crossroads, thence W. 1.4 mi, 34 ft S. and 10 ft W. of largest and easternmost of two sycamore trees, in concrete post; standard tablet stamped "TT 10 IG 1953 360" (Reported not found, 1957)	359.768
17.35	Reference mark, 21 ft N. and 21 ft W. of tablet; in root; on S. side of 60-in. oak tree; in notch; copper nail and washer	357.69
18.61	Tolu; 3.0 mi W. of post office; at T-junction with Elizabethtown Ferry Road; about 50 ft S. and 15 ft W. of, and about 4 ft higher than intersection of centerlines; in concrete post; standard tablet stamped "TT 9 IG 1953 RESET 1957"	388.803
18.61	Reference mark, 140 ft N. of tablet; 15 ft W. and 1 ft lower than centerline of hwy.; in concrete culvert; on W. headwall; chiseled square	384.75

LINE 5.

By J. J. Recktenwald, 1953; Book AV 2022

0.00	"TT 2 IG 1952 508" (Described in line 4)	508.119
0.19	U. E., Hampton; 135 ft W. of the Hampton School house; 15 ft E. of, and 1 ft higher than centerline of hwy.; in concrete stairway; on bottom step; chiseled square	517.63
0.58	U. E., 0.3 mi NE. along county rd. to Lola from Hampton; about 700 ft NE. of the Hampton Methodist Church; at small drain crossing; in concrete culvert; 10 ft W. of, and level with centerline of rd.; on headwall; chiseled square	533.59
1.11	U. E., 0.8 mi NE. along county rd. to Lola from Hampton at top of high flat hill; 123 ft SW. of fence corner; 18 ft W. of, and 1 ft lower than centerline of rd.; on W. end of concrete drainpipe; chiseled square	601.56
1.75	U. E., 1.5 mi NE. along county rd. to Lola from Hampton; 28 ft W. of, and level with T-jct. of county rd. and graveled farm rd. W.; on E. edge of concrete cattle guard; chiseled square	601.98

LINE 5 (Cont'd.)Feet

2.60	U. E., 2.3 mi NE. along county rd. to Lola from Hampton; 0.5 mi W. of 21-JR; at sharp bend in county rd.; on N. end of corrugated drainpipe; chiseled cross	595.17
3.13	Hampton, 3.1 mi NE. of, along county rd. to Lola; 2.4 mi SW. along county rd. from Lola; 300 ft N. of crest of hill; 18 ft S. and 15 ft W. of, and 2 ft higher than I-jct. of county rd. and driveway E.; 1 ft S. and 1 ft W. of fence corner; in concrete post; standard tablet stamped "21 JR 1953 582"	582.298
3.13	Reference mark, 18 ft S. and 54 ft E. of tablet; at base on N. side of 36-in. oak tree; in notch; copper nail and washer	578.44
3.70	U. E., 0.6 mi NE. along county rd. to Lola from 21 JR; 250 ft NW. of house; 150 ft W. of sharp rd. bend; 15 ft S. of, and 1 ft lower than centerline of rd.; on S. end of concrete drainpipe; chiseled square	406.40
4.65	U. E., 1.5 mi NE. along county rd. to Lola from 21 JR; 120 ft NE. of sharp rd. bend; 30 ft S. of, and level with Y-jct. of county rd. and rd. SE.; on S. end of corrugated drainpipe; chiseled cross	380.82
5.22	U. E., 2.1 mi NE. along county rd. to Lola from 21 JR; 0.3 mi SW. of Lola; about 450 ft SW. from creek crossing; at drainage ditch; in concrete culvert; 11 ft S. of, and level with centerline of rd.; on S. headwall; chiseled square	366.48
5.56	Lola; 18 ft N. and 35 ft W. of, and 3 ft higher than I-jct. of hwy. 133 and county rd. SW. to Hampton; 3 ft N. of State Highway Dept. concrete post projecting 5 ft above ground; 4 ft S. of telephone pole; in concrete post; standard tablet stamped "22 JR 1953 399"	398.798
5.56	Reference mark, 46 ft S. of tablet; 2 ft N. of gas pump; 1 ft E. of NE. corner of building; on concrete block; chiseled square	399.26
6.51	U. E., 0.5 mi NE. along county rd. from Lola, thence 0.5 mi N. along county rd. to Milford Bridge; at bottom of steep dip; at drian crossing; 12 ft E. of, and 2 ft lower than centerline of rd.; on E. end of concrete drainpipe; chiseled square	355.38
7.59	Lola, 0.5 mi NE. along county rd., thence 1.5 mi N. along county rd. to Milford Bridge; at Turkey Creek; 30 ft S. and 12 ft E. of, and 0.5 ft lower than centerline of steel railed bridge; 4 ft N. of 30 in. thorn tree; in concrete post; standard tablet stamped "23 JR 1953 551"	350.592
7.59	Reference mark, 48 ft N. and 32 ft W. of tablet; 22 ft W. of rd.; 18 ft N. of creek; at base on W. side of 30-in. oak tree; in notch; copper nail and washer	351.45
9.46	Lola, 0.5 mi NE. along county rd., thence 3.4 mi NW. along county rd. to Milford Bridge; 24 ft S. and 22 ft W. of, and 3 ft higher than I-rd. E.; in fenceline; on iron pipe; standard cap stamped "371 KY 1916"	370.253
9.46	Reference mark, 272 ft N. of tablet; 45 ft E. of barn; 25 ft W. of centerline of rd.; at pump; on NE. corner of concrete block; chiseled square	365.29



LINE 5 (Cont'd.)Feet

9.92	U. E., 0.5 mi N. along county rd. to Milford Bridge from B.M. 371; at creek crossing; 7 ft E. of, and 2.5 ft higher than centerline of concrete bridge; on center of E. guard rail; chiseled square	348.92
12.21	Lola, 0.5 mi NE. along county rd., thence 6.1 mi N. along county rd. to Milford Bridge; 400 ft NE. of Milford Bridge; 30 ft N. and 9 ft W. of NW. corner of Milford's Store (abandoned) 15 ft S. and 45 ft W. of, and 1 ft higher than T-jct. of county rd. and driveway N.; 6 ft W. of mailboxes; in concrete post; standard tablet stamped "24 JR 1953 351"	351.303
12.21	Reference mark, 105 ft W. of tablet; 30 ft N. of NW. corner of garage; 10 ft S. of centerline of rd.; in root on N. side of 30 in. elm tree; in notch; copper nail and washer	352.78
13.58	U. E., 0.5 mi NE. along county rd., thence 0.9 mi NW. along Blue Lane from 24 JR; at centerline of Y-jct. of county rd. and Blue Lane; on 4-in. iron drainpipe; chiseled cross	351.68
14.41	"TI 11 IG 1953 355" (Described in line 4)	355.345
14.41	Reference mark; chiseled square (Described in line 4)	350.42

LINE 6.

By J. J. Recktenwald, 1953; Book AV 2022

0.00	"429 1916" (Described in line 4)	428.109
2.04	Joy, 1.2 mi W. along State Highway 133, thence 0.5 mi SW. along old county rd., thence 0.5 mi SW. along old county rd. to Newmans Bluff; 60 ft S. and 45 ft W. of, and 6 ft higher than T-jct. of county rd. and driveway W. to house standing on knoll; 2 ft E. of fence corner; in concrete post; standard tablet stamped "38 JR 1953 615"	615.967
2.04	Reference mark, 33 ft S. and 33 ft E. of tablet; 12 ft E. of county rd.; in notch on E. side of 14 in. oak tree; copper nail and washer	611.69
4.27	Joy, 1.2 mi W. along State Highway 133, thence 0.5 mi S. along old county rd., thence 2.7 mi SW. along old county rd. to Newmans Bluff; near top of steep hill; 80 ft E. of the Bos farmhouse; 10 ft E. of, and level with centerline of rd.; 6 ft N. of mailbox; in concrete post; standard tablet "39 JR 1953 648"	647.844
4.27	Reference mark, 37 ft W. of tablet; on 30-in. stump projecting 1 ft above ground; copper nail and washer	652.90
5.66	Joy, 1.2 mi W. along State Highway 133, thence 4.6 mi S. along old county rd.; about 700 ft W. of Mt. Pisgah Church; in centerline of triple Y-jct. of county rd. and farm rd. N.; in concrete post; standard tablet stamped "40 JR 1953 608"	608.363
5.66	Reference mark, 51 ft S. and 146 ft W. of tablet; 27 ft S. of county rd.; in notch on N. side of 36-in. oak tree; copper nail and washer	602.63

LINE 6 (Cont'd.)

	<u>Feet</u>
7.03 Joy, 4.3 mi NW. of, along Ky. State Highway 133, thence 4.0 mi S. along State Highway 137; 5.2 mi N. of Bayou; 40 ft N. and 24 ft E. of, and 1 ft lower than I-jct. of hwy. and county rd. E. to Newman's Bluff; on an old hwy. fill; in concrete post; standard tablet stamped "41 JR 1953 335"	335.415
7.03 Reference mark, 20 ft S. and 8 ft W. of tablet; in E. headwall of concrete culvert; chiseled square	333.62
9.16 Joy, 4.3 mi NW. of, along State Highway 133, thence 1.9 mi S. along State Highway 137; 600 ft N. of Long Branch Creek; 25 ft W. of, and level with I-jct. of hwy. and county rd. SE.; 4 ft E. of 40-in. elm tree; in concrete post; standard tablet stamped "42 JR 1953 342"	341.489
9.16 Reference mark, 114 ft N. and 10 ft E. of tablet; 15 ft W. of hwy.; in concrete culvert; on centerline of W. headwall; chiseled square	343.85
10.23 U. E., 1.1 mi N. along State Highway 137 from 42 JR; about 350 ft N. of farm buildings; 12 ft W. of, and level with centerline of hwy.; in concrete culvert; on centerline of W. headwall; chiseled square	358.21
11.07 Joy, 4.3 mi NW. of, along State Highway 133; about 0.4 mi E. of Berry Ferry (abandoned) 20 ft S. and 63 ft E. of, and 2 ft higher than I-jct. of State Highways 137 and 133; 3 ft S. of concrete hwy. marker post; in concrete post; standard tablet stamped "43 JR 1953 344"	343.793
11.07 Reference mark, 117 ft S. and 45 ft W. of tablet; 12 ft E. of centerline of State Highway 137; in concrete culvert; on centerline of E. headwall; chiseled square	342.94
13.18 Joy, 4.2 mi NW. of, along State Highway 133, thence 2.0 mi N. along farm-market rd.; 42 ft N. of creek crossing; 28 ft NE. of, and 1 ft higher than centerline of rd. bend; 12 ft S. of 28-in. maple tree; in concrete post; standard tablet stamped "44 JR 1953 343"	343.204
13.18 Reference mark, 42 ft S. and 10 ft E. of tablet; 18 ft E. of rd.; in concrete culvert; on centerline of E. headwall; chiseled square	340.16
14.25 U. E., 1.1 mi NE. along farm-market rd. from 44 JR; 62 ft NW. of buff-shingled house; 10 ft N. and 15 ft W. of, and level with I-jct. of graveled rd. and short field rd. W.; 4 ft E. of fence line; on N. end of corrugated drainpipe; chiseled X	356.86
15.75 Joy, 4.2 mi NW. along State Highway 133, thence 4.6 mi N. along farm-market rd.; about 450 ft NE. of large barn; 15 ft N. and 20 ft E. of, and 2 ft higher than crossing (junction of graveled rd. and field rds.) 4 ft S. of fence line; in concrete post; standard tablet stamped "45 JR 1953 347"	346.950
15.75 Reference mark, 33 ft S. and 26 ft W. of tablet; 3 ft N. and 1 ft W. of W. end of gate; on old concrete cattle guard; bottom of chiseled square	347.13

LINE 6 (Cont'd.)Feet

18.11 U. E., Chiseled square (Described in line 4)

340.56

LINE 7.

By J. J. Recktenwald, 1953; Book AV 2022

0.00 "41 JR 1953 335" (Described in line 6)

335.415

1.00 U. E., 1.0 mi S. along State Highway 137 from 41 JR; 36 ft S. and 15 ft W. of, and level with cross junction of hwy. and farm rds.; in concrete culvert; on centerline of W. headwall; chiseled square

334.81

2.20 Bayou, 3.0 mi W. of, along State Highway 137; 4.2 mi NW. along State Highway 133, thence 6.2 mi S. along State Highway 137 from Joy; about 200 ft E. of large pond; 18 ft S. and 24 ft W. of, and 4.5 ft lower than cross-junction of hwy. and short field rds.; 2 ft E. of fenceline; in concrete post; standard tablet stamped "46 JR 1953 344"

343.674

2.20 Reference mark, 112 ft N. of tablet; 27 ft W. of hwy. in concrete culvert; on centerline of W. headwall; chiseled square

344.04

3.23 U. E., 1.0 mi S. along State Highway 137 from 46 JR; 15 ft E. of, and 1 ft lower than centerline of hwy.; 15 ft S. and 14 ft W. of fence corner standing on E. side of hwy.; on boulder; chiseled square;

338.80

4.42 Bayou, 0.8 mi W. of, along State Highway 137; 35 ft N. and 30 ft E. of, and 1.5 ft lower than I-jct. of hwy. and graveled driveway E.; 21 ft W. and 1 ft W. of fence corner; in concrete post; standard tablet stamped "47 JR 1953 338"

337.918

4.42 Reference mark, 229 ft N. of tablet; 15 ft E. of hwy.; in concrete culvert; on centerline of E. headwall; chiseled square

339.49

LINE 8.

By W. P. Metcalfe, Jr., 1957; Book CV 828

29.8 Elizabethtown, 1.0 mi N. of, thence 2.5 mi E. along gravel rd.; T. 12 S., R. 9 E., in SE 1/4 section 18; 21 ft N. and 24 ft W. of the W. apex of triangle formed by rd. junction; 120 ft W. of wooden culvert over drain; 4 ft W. of a pole; standard tablet stamped "11 WPM 1957 350"

350.258

29.8 Reference mark, 48 ft SW. of tablet; in base of tree; railroad spike

350.10

30.4 U. E., 0.6 mi W. along rd. from tablet; T 12 S., R. 9 E., in the NW 1/4 section 19; 12 ft N. and 27 ft W. of a T-rd. S., in telephone pole; RR. spike

359.81

31.6 U. E., 1.8 mi W. along rd. from tablet; T. 12 S., R. 8 E., in SW 1/4 section 13; 58 ft S. of SE. corner of house; in base of power pole; RR. spike

431.21

## LINE 8 (Cont'd.)

Feet

32.0	Elizabethtown, 2.0 mi NE. of, along State Highway 146, at T-rd. SE. near the S. sixteenth corner sections 13 and 14, T. 12 S., R. 8 E., 133 ft SE. of center of Highway 146; 56 ft NE. of center of gravel rd.; 12 ft NE. of a power pole; 4 ft NE. of base of a guy-wire; 5 ft SE. of a fence; in concrete post; standard tablet stamped "10 WPM 1957"	413.099
32.0	Reference mark, 156 ft SW. of tablet; RR. spike in the base of power pole;	411.92
32.5	U. E., 1.0 mi NE. along Hwy. 146 from Elizabethtown, T. 12 S., R. 8 E., near quarter corner between sections 14 and 23; on curb on SE. corner of bridge over Mosick Creek, chiseled square	362.49
34.4	Elizabethtown; on right bank of Ohio River, on highest point of rock cliff; in yard of Rose Hotel, about 400 ft above ferry building near small summer house; 20 ft from edge of rock cliff; 31 ft SW. of spike in 24-in. elm tree; 40.2 ft SE. of spike in 16-in. locust tree; in rock ledge; USED cap designated "BM 1282"	356.211
35.1	U. E., Elizabethtown, 0.7 mi W. of, along State Highway 146; T. 12 S. R. 8 E., 0.25 mi W. of center of sections 27; on SE. curb of bridge over Big Creek, 0.2 ft lower than center of bridge; chiseled square	363.37
36.9	Elizabethtown, 2.5 mi W. of, along State Highway 146; T. 12 S., R. 8 E., in SE. corner section 20; 300 ft SE. along State Highway 146 from junction of 146 and 34 leading to Roseclare; 24 ft normal to, and on SW. side of center of rd.; 6.8 ft higher than junction of 146 and 34 hwy. at NE. corner of cemetery; 3 ft N. of fence corner; in concrete post; standard tablet stamped "12 WPM 1957 368"	368.371
36.9	Reference mark, 183 ft W. of tablet; in power pole 3 ft above ground; spike	363.59
37.8	Elizabethtown, 3.3 mi W. of, along State Highway 146; T. 12 S., R. 8 E., near 1/4 corner between sections 19 and 20; on N. headwall of culvert; chiseled square	416.83
39.2	T. 12 S., R. 8 E., 0.2 mi S. of NW. corner section 19, 50 ft W. of line between sections 19 and 24, T. 12 S., Rs. 7 and 8 E., on N. edge of E.-W. rd.; in line with T-rd. S.; 40 ft N. of center of triangle on iron post; standard cap stamped "PRIM TRAV STA NO 1 ILL. 1913"	393.848
39.2	Reference mark, 33 ft W. of P. T. 1; in the base of tree; RR. spike	394.27
40.0	U. E., PT-1, 0.8 mi N. along rd. from; T. 12 S., R. 7 E., 0.25 mi W. of 1/4 corner between sections 13 and 18; 18 ft S. and 24 ft W. of T-rd. W.; in the base of power pole; RR. spike	474.80
41.3	Elizabethtown, 3.0 mi N. and 4.0 mi W. of; T. 12 S., R 7 E., in NE 1/4 section 12; 144 ft SW. along rd. and 2.1 ft higher than crossroads; 18 ft normal to center of rd. on SW. side 1 ft SW. of fence; in concrete post flush with ground; standard tablet stamped "13 WPM 1957 488"	488.261
41.3	Reference mark, 39 ft NE. of tablet; in 6 in. oak tree; spike	488.27

1957

LINE 9.

Feet

By W. P. Metcalfe, Jr.; 1957; Book CV 828

0.7	U. E., 1.9 mi E. along State Highway 146 from "18 WPM 1957" T. 12 S., R. 7 E., 0.25 mi E. of center of section 24; 192 ft E. and 15 ft S. of center of T-rd. N. to St. Josephs' Catholic Church; on S. headwall of culvert; chiseled square	392.15
1.3	U. E., 1.2 mi E. along Highway 146 from tablet; T. 12 S., R. 7 E., 0.25 mi E. of quarter corner between sections 23 and 24; 27 ft S. and 48 ft E. of T-rd. S.; in 24 in. oak tree; RR. spike	402.37
2.5	Elizabethtown, 6.0 mi W. of, along State Highway 146; 0.25 mi W. of intersection State Highways 146 and 34; T. 12 S., R. 7 E., near quarter corner between sections 22 and 23; near Hardin and Pope County line; 23.7 ft W. of, and 11.5 ft higher than T-rd. N.; 30 ft normal to and on S. side from center of Hwy. 146; 3 ft N. of fence; 3 ft E. of pole; in concrete post; standard tablet stamped "18 WPM 1957 431"	430.688
2.5	Reference mark, 138 ft W. of tablet; in base of pole; RR. spike	434.26
3.1	U. E., 4.0 mi NE. along State Highway 146 from "TI 9 MI 1957"; T. 12 S., R. 7 E., near center section 22; 18 ft S. and 9 ft W. of center of rd. at private drive W.; on W. headwall of culvert; chiseled square	363.26
3.9	U. E., 3.1 mi NE. along State Highway 146 from "TI 9 MI 1957"; T. 12 S., R. 7 E., in SE 1/4 section 21, 27 ft S. and 45 ft W. of T-rd. S.; in base of pole; RR. spike	409.12
4.4	Golconda, about 6.0 mi N. and 3.0 mi E. of; about 8.0 mi W. of Elizabethtown; 9.0 mi S. of Herod; on right-of-way of State Highway 146; it is 27 ft S. of center of the hwy., 45 ft W. of a triangular blazed cottonwood tree, 28 ft W. of a fence corner 6 ft NE. of a white witness post and 3.5 ft N. of a fence; monument is flush with ground, standard NGS triangulation station disk stamped "MONROE 1957"	513.779
4.8	MONROE Az. mark, is 28 ft N. of the center of the hwy., 14 ft SW. of a power line pole, 1.5 ft E. of a white witness post and 1 ft S. of a fence; monument; standard NGS azimuth mark disk stamped "MONROE 1957"	492.773
5.8	U. E., 1.3 mi NE. along State Highway 146 from "TI 9 MI 1957"; T. 12 S., R. 7 E., in SW. corner section 29; 93 ft S. of T-rd. N.; on the S. headwall of culvert; chiseled square	421.21
6.7	U. E., 0.5 mi N. along State Highway 146 from tablet; T. 12 S., R. 7 E., in NE. corner section 31; 90 ft S. and 27 ft E. and 1.2 ft higher than T-rd. W.; in base of a pole; RR. spike	395.81
7.2	Golconda, 4.5 mi N. along State Highway 146; 0.2 mi SW. along Highway from center of bridge over Grand Pierre Creek near center of section 31, T. 12 S., R. 7 E., 29 ft NW. of center of hwy.; 2 ft SE. of fence, near crest of first knoll S. of bridge; in concrete post; standard tablet stamped "TI 9 MI 1957 379"	379.024
7.2	Reference mark, 51 ft E. of tablet; spike in a pole	381.35

LINE 9 (Cont'd.)Feet

- 8.1 U. E., 1.0 mi SW. along State Highway 146 from tablet; T. 13 S., Rs. 6 and 7 E., near quarter corner between sections 1 and 6; 78 ft NE. of NE. corner of building; on E. headwall of culvert; chiseled square 482.54
- 9.5 U. E., 0.9 mi E. along rd. from "TI 10 MT 1957"; T. 13 S., Rs. 6 and 7 E., quarter corner between sections 7 and 12, 66 ft N. and 36 ft W. and level with center of State Highway 146 and T-rd. W.; in base of pole; spike 490.74

LINE 10.

By W. P. Metcalfe, Jr., 1957; Book CV 828

- 0.00 Golconda, in courthouse yard, 6 ft W. of walk to courthouse, 71 ft SE. of USGS BM No. 10, 14 ft S. of edge of concrete sidewalk, 6 ft W. of edge of concrete sidewalk, about 6 in. below surface of ground, about 44 ft S. (Normal to street) and 104 ft E. (normal to street) from street intersection at NW. corner of courthouse square; USED copper plate stamped "U. S. ENGINEERS BM 170" 352.323
- 0.4 U. E., Golconda, 0.4 mi N. along State Highway 146 from; T. 13 S., R. 7 E., in SW 1/4 section 19; on the SE. concrete railing of bridge over Lusk Creek; chiseled square 359.36
- 0.9 U. E., Golconda, 0.9 mi N. along State Highway 146 from; T. 13 S., R. 6 E., 1/8 mi W. of quarter corner between sections 19 and 24; 108 ft SE. of a T-rd. SW.; on E. headwall of concrete culvert 7.5 ft lower than T-rd. SW.; chiseled square 377.00
- 1.3 U. E., Golconda, 1.3 mi N. of, along State Highway 146; T. 13 S., R. 6 E., in SE 1/4 section 13; 36 ft N. and 30 ft E. and 0.6 ft lower than center of T-rd. NW.; in base of pole; RR. spike 507.88
- 1.9 U. E., Golconda, 1.9 mi N. along State Highway 146 from; T. 13 S., Rs. 6 and 7 E., 1/8 mi N. of quarter corner between sections 13 and 18; 87 ft S., 27 ft W. and 2.4 ft lower than center of T-rd. W.; in base of a pole; RR. spike 535.35
- 2.8 U. E., Spike (Described in line 9) 490.74

LINE 11.

By K. L. Wilson, 1959; Book CV 1086

There are no permanent marks on this line in this quadrangle.

LINE 12.

By F. W. Krueger, 1960; Book CV 1188

- 14.6 U. E., 1.2 mi E. along State Highway 146 from "12 Fwk 1950 502", 10 ft S. and 113 ft W. of bridge at Miller Creek; approximately 350 ft S. of junction of Miller Creek and Lusk Creek, on W. end of S. concrete curb of bridge approach, same elevation as bridge, 31 ft above drain; chiseled square 354.94

LINE 12 (Cont'd.)

	<u>Feet</u>
14.9 U. E., 1.4 mi E. along State Highway 146, center of cross streets State Highway 146 W. and N., Streets E. and S., chiseled square	353.71
15.1 Galconda, in NW. corner of Pope County courthouse yard; in center of triangle formed by supports of city fire bell, on iron post; standard cap stamped "PRIM TRAV STA NO 10 1913 354" NOTE: Fire bell has been replaced by a drinking fountain. Cap found in good condition, but some doubt remains as to whether or not the mark was disturbed when the fountain was put in, (L.J. Roberts 1952-53) NOTE: 35 ft S. (normal to street) and 34 ft (normal to street) from street intersection at NW. corner of courthouse square	353.112
15.1 "U. S. ENGINEERS BM 170" (USED) (Described in line 10)	352.323

LINE 13.

By F. W. Krueger, 1960; Book CV 1188

0.0 U. E., chiseled square (Described in line 12)	353.71
1.0 U. E., 1.0 mi S. of starting U.E.: 11 ft E. of rd. at drain; center of E. concrete headwall of culvert; 1.0 ft higher than rd.; chiseled square	441.01

LINE 14.

By W. P. Repp, 1966, Book CV 2000

There are no permanent marks on this line in this quadrangle.

HORIZONTAL CONTROL  
NORTH AMERICAN DATUM OF 1927

37-088-24  
GOLCONDA QUADRANGLE  
108 KY.-7 ILL.  
N3715-W8815/15  
DIAGRAM NJ 16-7  
PADUCAH

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

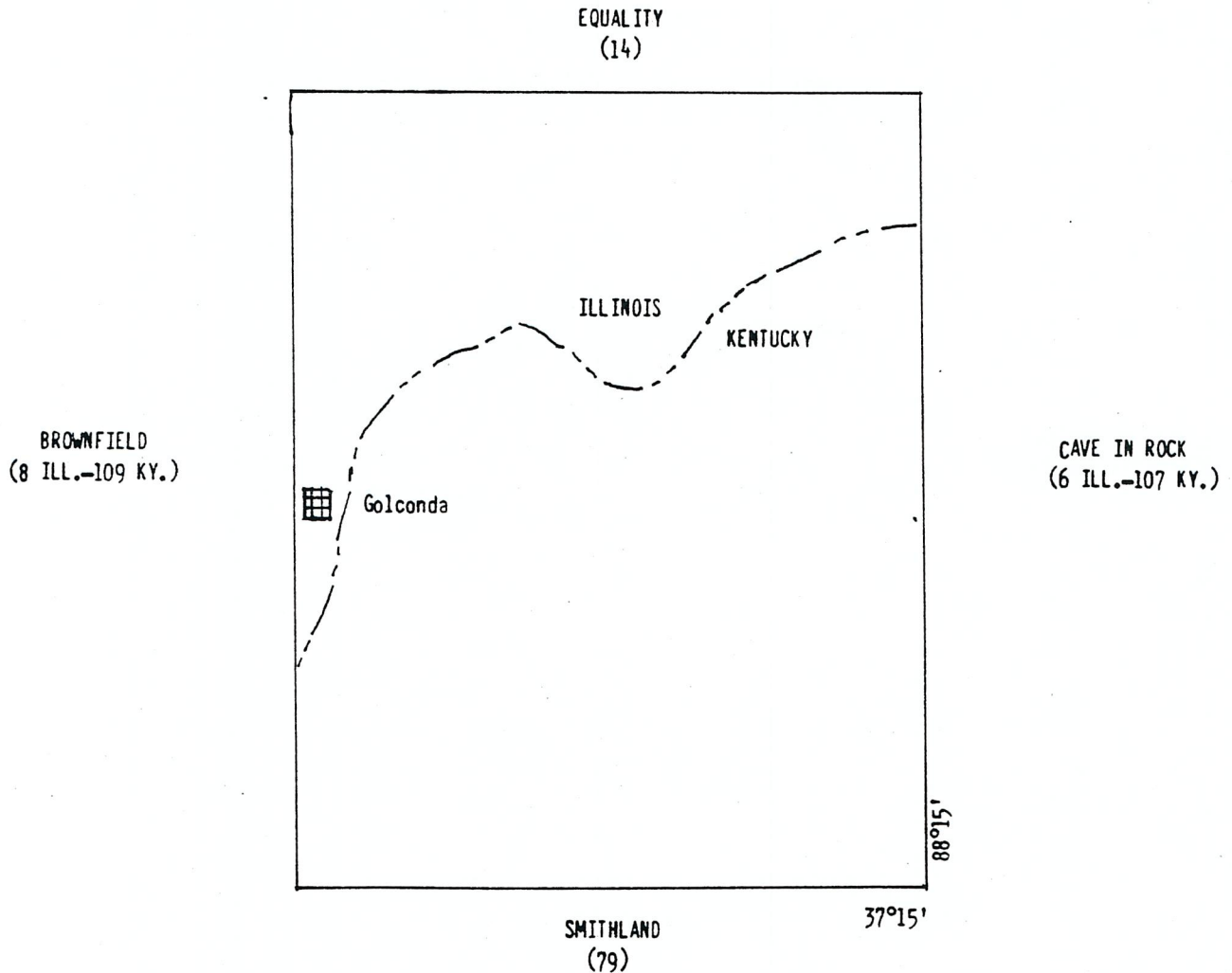
Crittenden and Livingston Counties, Ky.;  
Pope and Mardin Counties, Ill.

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

Edition of 10/11/77

PR: CRV/rmm

Plane coordinates are based on transverse Mercator  
projection, Illinois, East Zone, and 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.

INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>
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KY 461 1916 TT	6
TT 1 IG 1952	6
TT 2 IG 1952	6
TT 3 IG 1952	6
TT 4 IG 1952	6
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TT 11 IG 1953	5
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TT 7 MT 1957	3
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10 WPM 1957 TT	3
 <u>USED</u>	
BL STA 00	4
BL STA 93	3
BM 170	4
1282	3
1292	4
168 1939	5
1275 1939	5
1288 A 1939	4

108 KY.-7 ILL.  
GOLCONDA QUADRANGLE

37-088-24

3

STATION	DESCRIPTION	LATITUDE	LONGITUDE
	PLANE COORDINATES, FEET	O I W	O I W

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

By M. V. Thompson, 1957; Book CH878

Elizabethtown, 2.7 mi N. of; near S. sixteenth cor. secs. 10 and 11, T. 12 S., R. 8 E.; 0.3 mi NW. along graveled rd. from I-rd. NW.; 0.1 mi E. of I-rd. N.; at SE. corner of yard of Walter T. Davis farmhouse; 20 ft N. of center of rd.; 1 ft S. of fence corner post; in concrete post; standard tablet stamped "TI 7 MT 1957"

Ky. S) X = 1,260,019 Y = 429,533 37 29 08.45 88 18 00.04

Elizabethtown, 2.0 mi NE. of, along State Highway 146; at I-rd. SE. near S. sixteenth cor. secs. 13 and 14, T. 12 S., R. 8 E.; 133 ft SE. of center of Highway 146; 56 ft NE. of center of graveled rd.; 13 ft NE. of power pole; 4 ft NE. of base of guy wire; 5 ft SE. of fence; in concrete post; standard tablet stamped "10 WPM 1957 TI"

X = 1,264,243 Y = 424,047 37 28 15.31 88 17 07.90

Elizabeth, on right bank of Ohio River, on highest point of cliff; in yard of Ross Hotel and about 400 ft above ferry landing; near small summer house; 20 ft from edge of rock cliff; 31 ft SE. of spike in 24-in. elm tree; 40.2 ft SE. of spike in 16-in. locust tree; USED standard cap stamped "1282"

X = 1,252,542 Y = 414,679 37 26 41.20 88 18 15.46

USED standard cap stamped "BL STA 93" (Elev. 327.35) NOTE: Army Engineer description not available. Illinois side of Ohio River; 60 ft NW. along rd. from end of landing and 53 ft SW. of center of rd.; at foot of high bank and at edge of timber, in concrete post; USED standard cap stamped "BL STA 93" (Post is loose and wobbly and projects 18 in. above ground)

X = 1,254,852 Y = 412,451 37 26 18.19 88 19 00.45

Golconda, 4.5 mi N. of; along State Highway 146; 0.2 mi SW. along hwy. from center of bridge over Grand Pierre Creek near center of sec. 31, T. 12 S., R. 7 E.; 29 ft NW. of center of hwy.; 2 ft SE. of fence; near crest of first knoll S. of bridge; in concrete post; standard tablet stamped "TI 9 MT 1957"

X = 1,206,942 Y = 410,595 37 25 46.56 88 28 53.58

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

OBSOLETE MARKS (Cont'd.)

Golconda, in NW. corner of Pope County courthouse yard; in center of triangle formed by supports of city fire bell; on iron pipe; standard tablet stamped "PRIM TRAV STA NO 10 1913 354" NOTE: Fire bell has been replaced by a drinking fountain; cap found in good condition but some doubt remains as to whether or not the mark was disturbed when fountain was put in.

X = 1,205,319	Y = 387,823	37 22 01.04	88 29 05.52
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Golconda; in courthouse yard; 6 ft W. of walk to courthouse; 70.98 ft SE. of "PTS NO 10 1913"; 14 ft S. of edge of concrete sidewalk; 6.5 ft W. of edge of concrete sidewalk; about 6 in. below surface of ground; about 44 ft S. (normal to street) and 104 ft E. (normal to street) from street intersection at NW. corner of courthouse square; USED copper plate stamped "BM 170"

X = 1,205,386	Y = 387,798	37 22 00.81	88 29 04.69
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By L. J. Roberts, 1952-1953, Book AH 2006

Golconda, 2.0 mi above, opposite Golconda Island; on right bank of Ohio River; on fence line between Charles Gulletts property and I.C. RR. right-of-way; 34 ft from I.C. RR. and 48.6 ft from NE. corner of Charles Gullett's house; in concrete post; USED standard tablet stamped "1292"

X = 1,208,550	Y = 396,806	37 23 30.74	88 28 28.72
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Golconda, 3.0 mi above Big Grande Pierre Creek; 1.7 mi below, on right bank of Ohio River; 24.6 ft riverside of Ill. Central RR. SE.; in concrete post; standard tablet stamped "TI 8 LJR 1953"

X = 1,211,827	Y = 400,827	37 24 11.42	88 27 49.57
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USED standard disk stamped "BL STA 00" (No description available)

X = 1,216,590	Y = 404,741	37 24 51.45	88 26 51.94
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Golconda, 4.9 mi above, on right bank of Ohio River; 970 ft below Big Grand Pierre Creek and 11.1 ft NW. of I. C. RR.; in concrete post; standard tablet stamped "TI 9 LJR 1953"

X = 1,220,045	Y = 406,216	37 25 07.00	88 26 09.65
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Carrsville, 1.7 mi below on right bank of Ohio River; about 0.5 mi above rock quarry; 540 ft riverside of I. C. RR. track trestle over Three Mile Creek; 195 ft above left bank of creek in woods; on iron pipe; USED standard disk stamped "1288 A 1939"

X = 1,232,231	Y = 408,258	37 25 30.58	88 23 39.36
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STATION	DESCRIPTION	LATITUDE	LONGITUDE
	PLANE COORDINATES, FEET	° ' "	° ' "

OBsolete MARKS (Cont'd.)

Carrsville, on left bank of Ohio River; about 125 ft above rd. to landing; on highest point of rock bluff, out in rock outcrop; a triangle with letters "U.S. Engineers BM 1275 1939"

X = 1,238,389      Y = 398,584      37 23 56.66      88 22 19.73

Carrsville, in village of, about 200 ft riverside of Second Street; 75 ft SE. of SE. corner of old hotel; 16 ft NW. of SW. corner of brick building; on E. side of Main Street; in front of two-story brick building belonging to Mrs. Clemons, in concrete slab; on iron pipe; USED standard disk stamped "168 1939"

X = 1,238,192      Y = 398,467      37 23 55.45      88 22 22.12

Carrsville, at SE. corner of crossroads at Albert Boyd's Store; first crossroad S. of River and post office; in concrete post; standard tablet stamped "PRIM TRAV STA NO 6 1915 RESET 1952"

X = 1,238,084      Y = 398,235      37 23 53.13      88 22 23.38

Tolu; 3.0 mi W. of post office at T-junction with Elizabethtown Ferry Road; about 50 ft S. and 15 ft W. and about 4 ft higher than intersection of centerline; in concrete post; standard tablet stamped "TI 9 IG 1953 RESET 1957"

X = 1,262,527      Y = 407,194      37 25 28.29      88 17 23.56

Tolu Post Office; 3.0 mi W. of, along State Highway 387 to T-junction, thence S. 0.5 mi to crossroads, thence W. 1.4 mi; 34 ft S. and 10 ft W. of largest and easternmost of two sycamore trees; in concrete post; standard tablet stamped "TI 10 IG 1953" (Not found, 1957)

X = 1,257,192      Y = 403,646      37 24 51.79      88 18 28.49

Tolu Post Office, 3.0 mi W. of, along State Highway 387 to T-junction, thence S. 0.5 mi to crossroad, thence W. along Carrsville Road; 2.6 mi to T-junction, thence N. 0.8 mi; 2.7 mi E. of Carrsvolle; 28 ft S. and 39 at E. of intersection of centers of rd. and drive; N. at sharp bend; in concrete post; standard tablet stamped "TI 11 IG 1953" (Reported destroyed, 1957)

X = 1,251,690      Y = 399,670      37 24 11.01      88 19 35.32

By I. H. Gessley, 1952-1953; Book AH 2006

Salem, 5.2 mi SW. of, along U. S. Highway 60; 1.8 mi NE. along U. S. Highway 60 from Burna; near bottom of long hill; 30 ft S. and 15 ft E., and 1 ft lower than T-junction of hwy. and drive S.; 1 ft N. of fence corner; in concrete post; standard tablet stamped "20 JR 1953 525 TI"

X = 1,250,027      Y = 344,364      37 15 03.92      88 19 37.22

STATION	DESCRIPTION PLANE COORDINATES, FEET	LATITUDE ° ' "	LONGITUDE ° ' "
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OBsolete MARKS (Cont'd.)

Salem, 2.7 mi SW. of, along U. S. Highway 60, thence 670 ft W. of along graveled rd. to Old Salem Church; 30 ft S. and 3 ft higher than cross-junction of county rd. and abandoned rd.; 2 ft W. of fenceline; top of 3-in. iron pipe; standard cap stamped "KY 461 1916 TT" metal tag stamped "459.8"

X = 1,260,603	Y = 348,984	37 15 52.42	88 17 28.00
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Tolu, 1.9 mi S. of, along State Highway 387; in NW. corner of farmyard; opposite T-rd. E.; 30 ft W. of center of rd.; in concrete post; standard tablet stamped "HXS 5 1953 461 TT"

X = 1,272,038	Y = 402,288	37 24 42.30	88 15 24.08
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Burna Post Office, 0.1 mi E. of, along U. S. Highway 60, thence 1.6 mi N. along State Highway 135; 17 ft N. and 6 ft E. of center of rd. at T-drive E.; in S. end of concrete culvert; standard tablet stamped "TT 1 IG 1952"

X = 1,240,489	Y = 349,628	37 15 53.36	88 21 36.95
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Burna Post Office, 0.1 mi E. of, along U. S. Highway 60, thence 3.4 mi N. of along State Highway 135; 51 ft S. and 1 ft W. of N. drive to Clyde Hardin farm; in concrete post; standard tablet stamped "TT 2 IG 1952"

X = 1,236,582	Y = 357,581	37 17 10.90	88 22 27.99
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Burna Post Office, 0.1 mi E. of, along U. S. Highway 60, thence 4.2 mi N. of, along State Highway 135; 8 ft S. and 18 ft W. of junction of State Highway 135 and T-rd. E.; about 2 ft higher than intersection; in concrete post; standard tablet stamped "TT 3 IG 1952"

X = 1,236,540	Y = 361,894	37 17 53.51	88 22 30.00
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Burna Post Office, 0.1 mi E. of, along U. S. Highway 60, thence 6.2 mi N. of, along State Highway 135; 19 ft N. and 32 ft W. of center of rd. and drive; 1 ft higher than center of rd.; in concrete post; standard tablet stamped "TT 4 IG 1952"

X = 1,231,889	Y = 369,602	37 19 08.42	88 23 30.20
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Burna Post Office, 0.1 mi E. of, along U. S. Highway 60, thence 8.3 mi N. of, along State Highway 135; 131 ft S. and 5 ft W. of center of rd. and drive E.; 1 ft higher than rd.; in concrete post; standard tablet stamped "TT 5 IG 1952"

X = 1,232,386	Y = 379,701	37 20 48.37	88 23 27.54
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Joy, in SW. corner of Allen Rice's Motel yard; on iron post; standard cap stamped "429 1916"

X = 1,233,906	Y = 382,755	37 21 18.98	88 23 09.79
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108 KY.-7 ILL.  
GOLCONDA QUADRANGLE

37-088-24  
7

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

OBSOLETE MARKS (Cont'd.)

Burna Post Office, 0.1 mi E. of, along U. S. Highway 60, thence 10.3 mi N. of, along State Highway 135; 2.3 mi S. of post office at Carrsville; 14.5 ft S. and 11 ft E. of center of rd. and drive N.; 1 ft N. of fence line; 2 ft higher than center of rd.; in concrete post; standard tablet stamped "TI 6 IG 1952"

X = 1,233,572

Y = 388,312

37 22 13.81

88 23 15.84