THIRD-ORDER LEVELING NATIONAL GEODETIC VERTICAL DATUM OF 1929

37-087-21 CENTRAL CITY QUADRANGLE 103 KENTUCKY N3715-W8700/15 DIAGRAM NJ 16-8 EVANSVILLE

(102)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Muhlenburg, McLean and Ohio Counties, Kentucky

Final adjustment of 1972

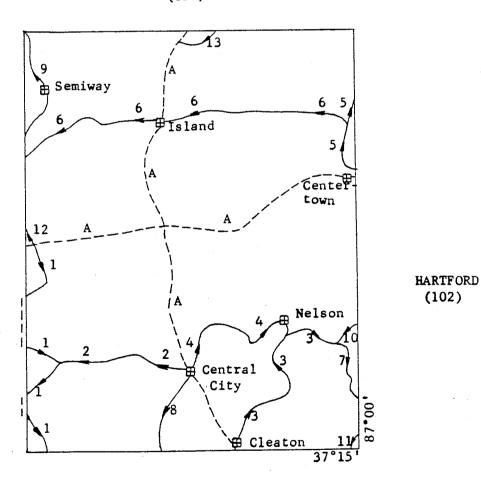
Edition of 8/30/74

PR: CRV/sws

MADISONVILLE

(104)

SUTHERLAND (131)



DRAKESBORO **(**74)

NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 370872

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ISOLATED BENCH MARKS (By H. W. Peabody, 1907; Book A7217)	Feet	
Semiway, in S. face of SW. corner pier of post office and store buildin standard tablet stamped "400 1907" (Destroyed, 1950)	g; 400.780	
Bethel Church, NE. corner of crossroads; in S. face of SW. corner of brick church building; standard tablet stamped "PRIM TRAV STA NO 7 502 1907" (Reported destroyed, 1952)	500.548	
Central City, in W. face of NW. corner of Gish Bank building; standard tablet stamped "427 1907" (Tied by NGS, 1943) (Destroyed, 1953)	425.603	
Livermore, in wall of Livermore building; at SW. corner; 1.9 ft from ground; standard tablet stamped "401 LOUISVILLE" (The 1937 report shows building used as post office) (Destroyed, 1952)	400.547	
Island, 0.2 mi S., along Louisville and Nashville Railroad from the station; 0.2 mi S. of milepost 191; 15.5 ft W. of the W. rail; at NW. corner of stone culvert under track; about 10 ft lower than track; set vertically in W. side of top stone, 3.3 ft S. of NW. corner of the stone, 8 in. below top of stone; shank of tablet designated "416.956" (Tied by NGS, 1935)	415.980	
Moorman, 0.5 mi N. of; 40 ft E. of rd.; in next to top coping stone at NW. corner of small stone culvert; standard tablet stamped "410 1907" (Reported destroyed, 1916)	408.423	
South Carrolton, on W. side of Methodist Church; in foundation pier next to SW. corner; standard tablet stamped "457 1907" (Tied by NGS, 1943)	455.718	
Cleaton, 90 ft E. of station; in bottom stone at SE. corner of culvert; standard tablet stamped "444 1907" (Destroyed, 1943)	442.447	
Mount Carmel Church, 3.0 mi W. of Paradise; in S. face of SE. corner foundation pier of church; standard tablet stamped "504 1907" (Reported destroyed, 1944)	502.610	
James Hill, on Knotts Ferry Road; 4.0 mi NW. of Centertown; 3.5 mi S. of Heflin; on W. side of rd.; on top of hill; in top of sand-stone bluff; standard tablet stamped "507 1907"	505.624	
LINE 1.		
J. J. Spahr, 1950; Book AV 216		
"A 41 1934" (NGS)	438.040	
Lynn City, 1.7 mi SSE. of Louisville and Nashville Railroad crossing; 1.0 mi SW. of Bremen; at right angle turn in rd. SE.; 41 ft N. and 3 ft lower than Y-junction with rd. NW.; 33 ft NW. of center of main rd.; 4 ft NE. of telephone pole; in concrete post; standard tablet stamped "118 JJS 1950 446"	446.211	

LINE 1 (Cont'd.) Feet Reference mark, 30 ft SW. of tablet; on top of N. end of 2 ft concrete 446.44 pipe culvert; chiseled square /Jogs into Madisonville quadrangle/ Central City, 7.0 mi W. of; 0.7 mi W. of Midland; 50 ft SW. of junction with rd. SW. and drive to house N.; 25 ft S. of and 3 ft higher than center of hwy.; in concrete post; standard tablet stamped 489.778 "98 JJS 1950 490" Midland, 1.5 mi SW. of; 0.3 mi SW. of Cedar Grove Baptist Church; 56 ft NW. of T-rd. W.; 25 ft W. of and 5 ft higher than center of main rd.; in concrete post; standard tablet stamped "121 JJS 1950 456" 455.779 Graham, 2.4 mi NE. of; at New Cypress Baptist Church; 125 ft SW. of SW. corner of church; 60 ft NE. of and 5 ft higher than center of T-rd. SSE.; in concrete post; standard tablet stamped "123 JJS 1950 443" 443.332 Reference mark, 120 ft NW. of tablet; on E. end of lowest step to 454.37 church; chiseled square LINE 2. J. J. Spahr, 1950; Book AV 216 415.311 "CENTRAL CITY NO 1 1935" (NGS) Central City, 1.8 mi WNW. of Louisville and Nashville Railroad Station, along State Highway 70; 180 ft S. of crossroad at Cherry Hill Grocery; 18 ft NW. of center of NE.-SW. rd.; 4 ft NW. of electric pole; in concrete post; standard tablet stamped 506,678 "95 JJS 1950 507" Reference mark, 92 ft N. of tablet; on NE. corner of concrete porch 512.16 to Cherry Hill Grocery; chiseled square Central City, 3.6 mi W. of, at top of hill; 170 ft S. of Y-junction with rd. S.; 20 ft NW. of center of dirt rd.; in concrete post; 484.653 standard tablet stamped "96 JJS 1950 484" Reference mark, 38 ft NE. of tablet; on E. end of large boulder; 484.32 chiseled square Central City, 5.2 mi W. of; 46 ft SE. of and 2 ft lower than intersection with Greenville-Sacramento Road; 26 ft S. of center of hwy.; 2 ft N. of corner fencepost; in concrete post; standard tablet 450.041 stamped "97 JJS 1950 451"

LINE 2 (Cont'd.)	Feet		
"98 JJS 1930 490" (Described in line 1)	489.778		
LINE 3.			
J. J. Spahr, 1950; Book AV 216			
"M 71 1930" (NGS) (Reported Destroyed, 1953)	446.543		
Cleaton, 1.7 mi NE. of Louisville and Nashville Railroad crossing; 48 ft NW. of T-rd. N.; 20 ft W. of center of rd.; in SE. corner of field; 2 ft NW. of corner fencepost; in concrete post; standard tablet stamped "102 JJS 1950 411"			
Cleaton, 3.9 mi NE. of; 6.5 mi SW. of Rockport; 64 ft N. of and level with T-junction with rd. W.; 22 ft E. of center of rd.; 6 ft SW. of 2-ft elm tree; in concrete post; standard tablet stamped "103 JJS 1950 388"	387.648		
Central City, 5.3 mi E. of post office, along U. S. Highway 62; 1.0 mi S. of Nelson; 51 ft NE. of junction with rd. N. to Nelson; 33 ft NW. and 6 ft higher than center of hwy.; in concrete post; standard tablet stamped "101 JJS 1950 503" (Destroyed, 1963)	502.580		
Reference mark, 66 ft SW. of tablet; on W. end of 1 ft concrete culvert; chiseled square	499.54		
Reference mark, 80 ft NE. of tablet; on S. corner of concrete rail- road overpass bridge; chiseled square	438.15		
Rockport, 1.3 mi SW. of bridge over Green River, along U. S. Highway 62; 85 ft SW. of S. corner of concrete post; standard tablet stamped "104 JJS 1950 436"	435.882		
LINE 4.			
J. J. Spahr, 1950; Book AV 216			
"CENTRAL CITY NO 1 1935" (NGS) (Also in line 2)	415.311		
Central City, 2.3 mi N. of post office, along State Highway 277, about 0.2 mi E. of turn in rd. E. at small graveyard; 390 ft E. of T-rd. N.; 27 ft S. of and 4 ft higher than center of hwy.; 5 ft E. of telephone pole; in concrete post; standard tablet stamped "90 JJS 1950 409"	409.213		
Reference mark, 430 ft W. of tablet; on S. center of concrete head- wall of culvert; chiseled square	409.69		

LINE 4 (Cont'd.) Peet Central City, 4.0 mi NE. of post office; 2.3 mi W. of Nelson, along Illinois Central Railroad; 0.3 mi SE. of farmhouse of Paul Vine; at NW. corner of cleared field; 22 ft S. of center of rd.; in concrete post; standard tablet stamped "100 JJS 1950 394" (Not found, 1963) 394.300 Nelson, 1.0 mi W. of; 360 ft W. of milepost 122; in SE. corner of bridge seat of ILL. C. RR. concrete bridge NO T 122 06: Standard tablet stamped "405 1907" 403.392 "101 JJS 1950 503" (Described in line 3) 502.580 LINE 5. J. J. Spahr, 1950; Book AV 216 Centertown post office, 1.4 mi N. of along KY hwy. 85; in south end of east concrete headwall of culvert; chiseled square 412.18 Centertown, 1.4 mi NW. of, along State Highway 85, thence 1.0 mi N. along dirt rd.; 3 ft W. of Centertown sign pole; 16 ft NW. of center of rd.; 40 ft W. of large hickory tree; about 110 ft SE. of main graveled rd.; in concrete post; standard tablet stamped 394.922 "TT 115 HF 1950" Centertown, 3.5 mi N. of post office; 0.8 mi SW. of old Carters Ferry; at 90° turn E. in rd.; 46 ft E. of 50-in. oak tree; 15 ft S. of fenceline; in concrete post; standard tablet stamped 397.998 "TT 114 HF 1950" LINE 6. J. J. Spahr, 1950; Book AV 216 Centertown, 2.5 mi NW. of post office, along State Highway 85; 3.6 mi E. of Point Pleasant; 35 ft SW. of and 1 ft lower than Y-junction with rd. E.; 8 ft NW. of Y-fence corner post; in concrete post; 444.665 standard tablet stamped "106 JJS 1950 445" Centertown, 4.5 mi NW. of post office, along State Highway 85, at Matanzas; 130 ft W. of entrance walk to West Point Baptist Church; at SW. corner of church lot; 44 ft N. of center of hwy.; 9 ft S. of 2-ft oak tree; in concrete post; standard tablet stamped 415.374 "107 JJS 1950 415" Reference mark, 129 ft E. of tablet; at lower E. concrete base of railing of steps to church; chiseled square 414.70 LEFT OUT OF LINE 5 Centertown post office, 3.3 mi N. of along KY hwy. 85; then 0.2 mi NE along rd. to Heflin; 40 ft. NW of center of old X-rds.; 18 ft. W. of

main rd.; 3 ft. NW of fence corner post; in concrete post; standard

tablet stamped "105 JJS 1950 425"

425.177

LINE 6 (Cont'd.)	Feet
Island, 2.0 mi E. of, along State Highway 85; 0.5 mi W. of Point Pleasant; 25 ft NW. of and level with drive NE. to farm of Thad Bidwell; 21 ft N. of center of hwy.; 15 ft SE. of 4-ft oak tree; in concrete post; standard tablet stamped "108 JJS 1950 419"	418.395
"Y 71 1935" (NGS)	430.111
Island, 1.8 mi W. of Louisville and Nashville Railroad Station, along State Highway 85; 5.5 mi NE. of Sacramento; 75 ft W. of and 2 ft lower than center of Y-junction with rd. N.; 33 ft N. of center of hwy.; 3 ft E. of corner fencepost; 15 ft NW. of telephone pole; in concrete post; standard tablet stamped "137 JJS 1950 415"	414.390
Island, 3.4 mi W. of, along State Highway 85; 4.0 mi NE. of Sacramento; 24 ft N. of and 2 ft higher than Y-junction with rd. W. to Sacramento; 20 ft NE. of center of hwy.; 4 ft E. of electric guy pole; in concrete post; standard tablet stamped "138 JJS 1950 396"	
Sacramento, 1.8 mi NE. of post office, along Sacramento-Island Road; 72 ft N. of and level with T-rd. NW.; 40 ft NW. of center of main rd.; 15 ft E.of three 2-ft trees; 4 ft NW. of fenceline; in con- crete post; standard tablet stamped "139 JJS 1950 406"	4 05 .9 44
LINE 7.	
J. J. Spahr, 1950; Book AV 216	
"104 JJS 1950 436" (Described in line 3)	435.882
Rockport, 2.2 mi SW. of post office; 3.7 mi NW. of Paradise; 58 ft NE. of and 1 ft higher than center of T-rd. NW.; 14 ft E. of center of of NS. rd.; 2 ft E. of fenceline; in concrete post; standard	
tablet stamped "110 JJS 1950 392"	392.351
Paradise, 1.3 mi NW. of, along Rockport-Paradise Road; 0.3 mi S. of abandoned school building; 100 ft N. of farmhouse of R. H. Kiplin; 20 ft W. of and 2 ft higher than center of rd.; in concrete post; standard tablet stamped "111 JJS 1950 545"	5 44.915
Reference mark, 140 ft S. of tablet; 20 ft SW. of Y-junction with drive; on masonry wall; chiseled square	538.81

CENTREAL CITY QUADRANGLE Book AV 216	103 KENTUCKY	J. J. Spahr	37087-21
BOOK AV 210		1950	8
	LINE 8.		Feet
J. J. Spahr, 1950; Book AV 216 Central City, 1.3 mi SW. of post mi N. of Greenville; across hi 40 ft W. of and 1 ft higher th woods rd. W.; in concrete post	office, along U. S ghway from residenc an center of hwy.;	. Highway 62; 5.6 e of Carl Sullivan; 50 ft N. of dim tamped	4-19.60
"92 JJS 1950 473"			472.748
	LINE 9.		
J. J. Spahr, 1950; Book AV 216			
Sacramento, 2.3 mi NE. of, along 34 ft SE. of SE. corner of Sta 4 ft higher than center of hwy concrete post; standard tablet	ten Baptist Church; v.; 5 ft WNW. of cor	27 ft W. of and ner fencepost; in	430.390
Reference mark, 42 ft NW. of tab church entrance; chiseled squa		owest step to	430.59
Semiway, 80 ft NW. of filling st N. of drive NE.; 40 ft E. of a 3 ft S. of electric pole; in c "128 JJS 1950 400"	nd 1 ft higher than	center of hwy.;	399.880
Reference mark, 100 ft SE. of taplatform; chiseled square	blet; on SE. end of	concrete pump	399.95
Semiway, 2.5 mi N. of, along Sta 97 ft NW. of, and 4 ft lower t rd. W.; 46 ft N. of centerline pole; in concrete post; standa	than centerline of T e of graveled rd.; 4	-intersection with ft N. of telephone	383.567
	LINE 10.		
J. J. Spahr, 1950; Book AV 216	•		
6 21 8.00 "104 JJS 1950 43	6" (Described in 1	ine 3) (Also in line)	435.882
	LINE 11.		·
J. J. Spahr, 1950; Book AV 216			

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

Book AV 210

LINE 12.

Feet

J. D. Nikolaus, 1950; Book AV 210

6 12 20.13 U.E., 300 ft E. of junction of State Highway 136 and 75; at S. end of abandoned gas pumps; chiseled square 423.64

6 13 20.71 "C 72 1935" (NGS)

408.713

103 KENTUCKY

J. D. Nikolaus

37-087-21

CENTRAL CITY QUADRANGLE

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

37-087-21
CENTRAL CITY QUADRANGLE
103 KENTUCKY
N3715-W8700/15
DIAGRAM NJ 16-8
EVANSVILLE

McLean, Muhlenberg, and Ohio Counties

Edition of 9/28/77

MADISONVILLE

(104)

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

SUTHERLAND (131)

Livermore

Central City

HARTFORD (102)

37°15'

ODRAKESBORO (74)

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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129 JJS 1950 384 TT	i i
TT 1 JRH 1951	5

STATION

DESCRIPTION PLANE COORDINATES, FEET

LATITUDE 0 1 11 LONGITUDE

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

By C. B. Kendall, 1907; Books A924, A926

Bethel Church, NE. corner of crossroads; in S. face of SW. corner of brick church building; standard tablet stamped "PRIM TRAV STA NO 7 1907 KY 502" (Reported destroyed, 1952)

X = 1.575.702 Y = 348.693

37 16 55.50

87 12 30.30

Holt, 1.2 mi W. of; at junction of rd. N.; 0.3 mi W. of Richardson Chapel; at SW. corner of Major Browns Store; on iron post; standard cap stamped "PRIM TRAV STA NO 10 1907 KY" (Not found, 1953)

X = 1.602.811

Y = 337.316

37 15 07.00

87 06 52.90

By H. P. Finch, 1950; Book AH 202

Graham, 2.4 mi NE. of; at New Cypress Baptist Church; 125 ft SW. of SW. corner of church; 60 ft NE. of, and 5 ft higher than junction of I-rd. SSE.; in concrete post; standard tablet stamped *123 JJS 1950 443 TT*

X = 1.566.299

Y = 337.962

37 15 07.94

87 14 24.56

Midland, 1.5 mi SW.; 0.3 mi SW. of Cedar Grove Baptist Church; 56 ft NW. of junction of T-rd. W.; 25 ft W. of, and 5 ft higher than centerline of main rd.; in concrete post; standard tablet stamped "121 JJS 1950 456 TT"

X = 1.565.746

Y = 351.683

37 17 23.51

87 14 34.08

Central City, 7.0 mi W. of; 0.7 mi NW. of Midland; along State Highway 70; 50 ft SW. of junction of rd. SW. and drive to house N.; 25 ft S. of and 3 ft higher than centerline of hwy.; in concrete post; standard tablet stamped "98 JJS 1950 490 TT"

X = 1,565,890 Y = 358,846

37 18 34.36

87 14 33.70

Lynn City, 1.7 mi SSE. of Louisville and Mashville Railroad crossing; 1.0 mi SW. of Bremen; at right-angle turn in rd. SE.; 41 ft N. of, and 3 ft lower than junction of rd. NW.; 33 ft NW. of centerline of main rd.; 4 ft NE. of telephone pole; in concrete post; standard tablet stamped #118 JJS 1950 446 TTM

X = 1.568.520

Y = 375.211

37 21 16.55

87 14 04.32

Sacramento, 2.3 mi NE. of, along State Highway 81; 2.1 mi S. of Semiway; 34 ft SE. of SE. corner of Staten Baptist Church; 27 ft W. of, and 4 ft higher than centerline of hwy.; 5 ft NW. of corner fencepost; in concrete post; standard tablet stamped "127 JJS 1950 430 TT"

X = 1,565,749 Y = 407,103

37 26 31.41

87 14 44.90

STATION

DESCRIPTION PLANE COORDINATES, FEET

LATITUDE

LONGITUDE

OBSOLETE MARKS (Cont'd.)

Semiway; 80 ft NW. of filling station (formerly post office); 62 ft NE. of junction of drive NE.; 40 €t E. of, and 1 ft higher than centerline of hwy.; 3 ft S. of powerline pole; in concrete post; standard tablet stamped "128 JJS 1950 400 TI"

X = 1.569.550 Y = 417.018

37 28 10.02

87 13 59.70

Semiway, 2.5 mi N. of, along State Highway 81; 2.0 mi S. of Rumsey; 97 ft NW. of, and 4 ft lower than junction of I-rd. W.; 46 ft N. of centerline of graveled rd.; 4 ft N. of telephone pole; in concrete post; standard tablet stamped "129 JJS 1950 384 II"

X = 1.565.348

Y = 428.168

37 29 59-60

87 14 54.00

Centertown, 3.5 mi N. of post office; 0.8 mi SW. of old Carters Ferry; at right-angle turn E. in rd.; 46 ft E. of 50-in. oak tree; 15 ft S. of fenceline; in concrete post; standard tablet stamped "TT 114 HF 1950"

X = 1.637.017

Y = 412.556

37 27 35,56

87 00 02.15

Centertown, 3.3 mi N. of post office; 0.9 mi SW. of old Carters Ferry; at SE. corner of farm of Rupert Ashby; 40 ft NW. of, and 1 ft lower than old E.-W. crossroad; 18 ft W. of centerline of N.-S. rd.; 3 ft NW. of corner fencepost; in concrete post; standard tablet stamped *105 JJS 1950 425 TT*

X = 1.636.716 Y = 411.345

37 27 23.55

87 00 05.68

Centertown, 0.7 mi NW. of, along State Highway 85, thence 1.0 mi N. along little used dirt rd. to buried telephone cable crossing; 110 ft SE. of main graveled rd.; 16 ft NW. of centerline of rd.; 40 ft W. of large hickory tree; 3 ft W. of W. caution sign pole; in concrete post; standard tablet stamped "TT'115 HF 1950"

X = 1.635.475 Y = 403.565

37 26 06.47

87 00 19.79

Rockport, 2.2 mi SW. of post office; 3.7 mi NW. of Paradise; 58 ft NE. of, and 1 ft higher than junction of I-rd. NW.; 14 ft E. of centerline of N.-S. rd.; 2 ft E. of fenceline; in concrete post; standard tablet stamped "110 JJS 1950 392"

X = 1.634.995 Y = 356.597

37 18 22.05

87 00 18.00

Paradise, 1.3 mi NW. of, along Rockport-Paradise Road; 0.3 mi S. of abandoned school building; 110 ft N. of farmhouse of R. H. Kiplin; 20 ft W. of, and 2 ft higher than centerline of rd.; in concrete post; standard tablet stamped "111 JUS 1950 545 TT"

X = 1.636.141

Y = 345.075

37 16 28.28

87 00 01.93

STATION

DN DESCRIPTION PLANE COORDINATES, FEET

LATITUDE

LONGITUDE

OBSOLETE MARKS (Cont'd.)

By J. R. Harris, 1951; Book AH 202

Muckols, 2.1 mi S. of; 500 ft M. of junction of State Highways 75 and 136; 73 ft M. and 6 ft W. of centerline of Highway 75 at drive to Oak Hill Cemetery; 46 ft W. of centerline of Highway 75 at private drive E.; 250 ft M. of service station; 2 ft E. of small hedge along cemetery boundary; in concrete post; standard tablet stamped "TT 1 JRH 1951"

X = 1,600,974

Y = 425,652

37 29 40.08

87 07 31.50