

THIRD-ORDER LEVELING
NATIONAL GEODETIC VERTICAL DATUM OF 1929

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

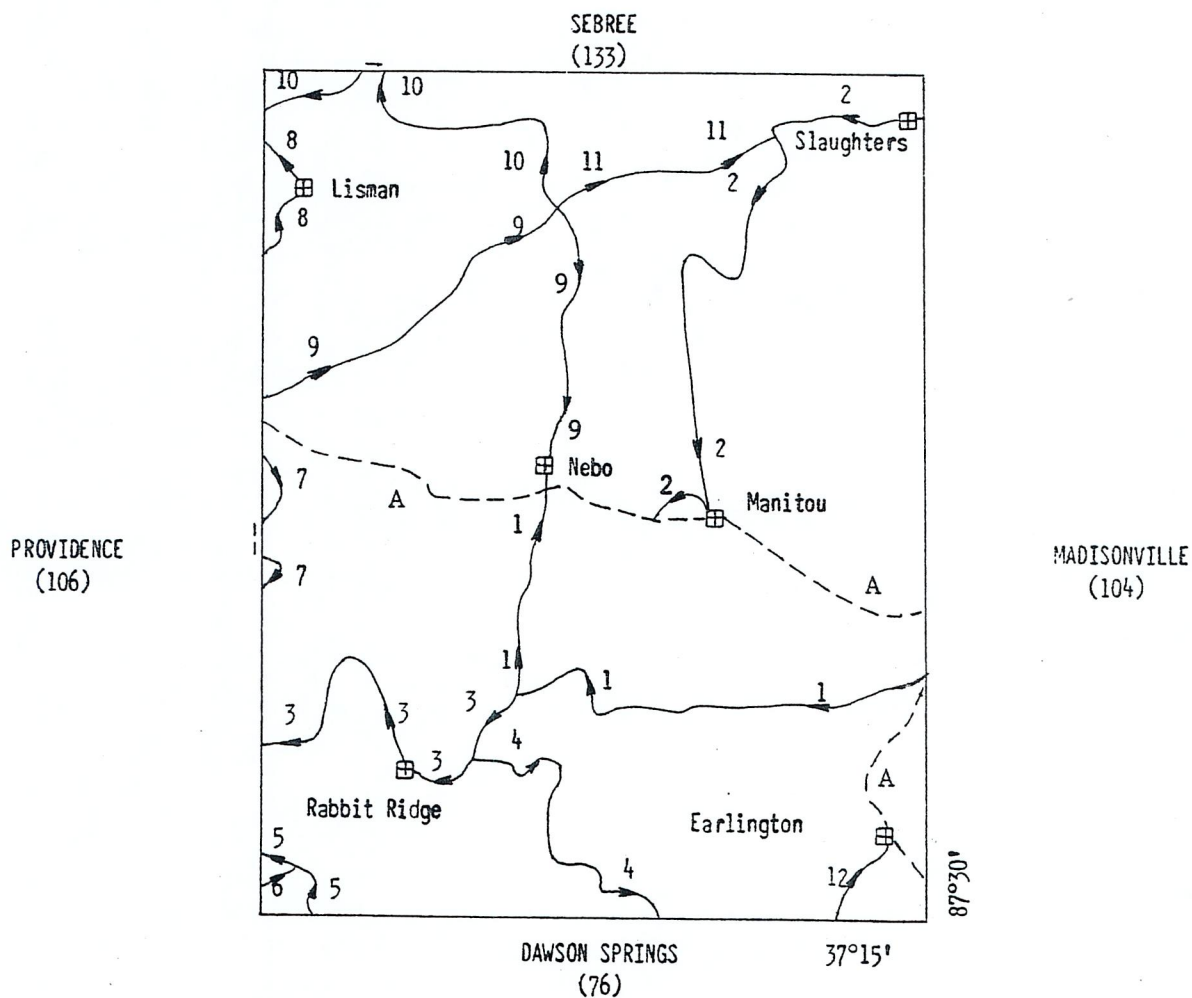
37-087-31
EARLINGTON QUADRANGLE
105 KENTUCKY
N3715-W8730/15
DIAGRAM NJ 16-8
EVANSVILLE

Hopkins and Webster Counties

Final adjustment of 1972

Edition of 8/19/74

PR: CRV/mjh



NGS (USC&GS) VERTICAL CONTROL DATA

A Quadrangle 370873

ISOLATED BENCH MARKS (By H. W. Peabody, 1907; Book A7217)

Feet

Nebo; at SW. corner of crossroads; in NW. corner of brick store of D. C. Moorow; standard tablet stamped "411 1907" (Reported destroyed, 1954)	409.863
Manitou, 0.1 mi E. of; at SE. corner of crossroads; in W. face of NW. corner pier of church; standard tablet stamped "428 1907" (Reported destroyed, 1954)	426.630
Earlington; at NW. corner of Peoples Bank; in stone under ventilator flue; standard tablet stamped "423 1907"	421.997
Beulah; 2 ft NE. of NE. corner of Beulah Church; on iron post; standard cap stamped "PRIM TRAV STA NO 5 1907 540 RESET 1947" (Not found, 1954)	536.030
Beulah, 2.8 mi SW. of, along State Highway 70; at E. end of residence of John McGregor; in S. face of brick chimney; standard tablet stamped "512 1907"	511.467

LINE 1.

W. W. Tilton, 1952; Book AV 2018

Madisonville, 1.1 mi S. of station, along Louisville and Nashville Railroad, thence 1.6 mi W. along State Highway 70; 35 ft N. and 110 ft W. of, and 5 ft higher than centerline of Highway 70 at junction of State Highway 1302; 5 ft E. of powerline pole; in concrete post; standard tablet stamped "1 WWT 1952 459" (Reported destroyed, 1962)	459.171
U. E., Madisonville, 1.1 mi S. of, thence 1.6 mi W. along State Highway 70, thence 0.5 mi W. along State Highway 1302; 12 ft N. and 9 ft E. of centerline of hwy. at junction of driveway N.; on E. end of concrete culvert; chiseled square	449.42
U. E., Madisonville, 1.1 mi S. of, along L. & N. RR., thence 1.6 mi W. along State Highway 70, thence 1.6 mi W. along State Highway 1302; 25 ft N. of, and 5 ft lower than centerline of hwy., on N. end of concrete culvert; chiseled square	421.92
Madisonville, 1.1 mi S. of station, along L. & N. RR., thence 1.6 mi W. along State Highway 70, thence 1.7 mi W. along State Highway 1302; at Fairview Church; 36 ft N. and 54 ft W. of, and 4 ft higher than centerline of hwy. at junction of I-rd. N.; in concrete post; standard tablet stamped "2 WWT 1952 1962" (Reported destroyed, 1962)	435.942
Reference mark; 51 ft W. of tablet; 15 ft N. of, and 3 ft lower than centerline of hwy.; on N. end of concrete culvert; chiseled square	431.19
U. E., Richland, 2.9 mi N. of, thence 0.8 mi E.; 20 ft S. and 8 ft E. of, and 1 ft lower than centerline of State Highway 1302 at junction of driveway S.; on E. end of concrete culvert; chiseled square	450.74
U. E., Richland, 2.9 mi N. of, thence 0.4 mi E.; 20 ft N. and 8 ft W. of centerline of State Highway 1302 at junction of drive N.; on W. end of concrete culvert; chiseled square	442.45

LINE 1 (Cont'd.)Feet

Richland, 2.9 mi N. of, thence 0.4 mi SW.; 0.5 mi SW. of Pleasant View Church, along rd. to Magnolia Coal Company mine; 26 ft S. and 110 ft E. of, and 5 ft higher than centerline of rd. at RR. bridge; 7 ft S. of powerline pole; in concrete post; standard tablet stamped "3 WWT 1952 439"	439.069
Coiltown, 2.7 mi S. of, along State Highway 502, thence 2.3 mi E.; 1.8 mi NW. of Magnolia Coal Company mine, along Coal Company rd.; 115 ft N. and 45 ft E. of, and 16 ft higher than centerline of rd. at junction of driveway NW.; in concrete post; standard tablet stamped "4 WWT 1952 390"	389.513
Reference mark; 100 ft W. of tablet; 15 ft W. of, and 3 ft lower than centerline of rd.; top of large sandstone rock	378.49
Coiltown, 2.7 mi S. of, along State Highway 502, thence 1.3 mi E.; 30 ft N. of, and 4 ft higher than centerline of rd.; 88 ft E. of E. end of old brick chimney; in E. side of old concrete well top; standard tablet stamped "5 WWT 1952 401"	400.720
Coiltown, 2.7 mi S. of, along State Highway 502; 28 ft W. of centerline of hwy. at junction of T-rd. E.; in concrete post; standard tablet stamped "6 WWT 1952 373"	372.418
Reference mark; 61 ft E. of tablet; 8 ft N. and 33 ft E. of centerline of State Highway 502 at junction of T-rd. E.; N. end of stone culvert	370.87
U. E., Coiltown, 2.3 mi S. of; 25 ft E. of, and 5 ft higher than centerline of State Highway 502; at top of hill; on large sandstone rock; chiseled square	440.02
Coiltown, 1.3 mi S. of, along State Highway 502; 23 ft W. of centerline of hwy. at junction of Y-rd. SW. to Coiltown Station; 150 ft N. of large white house; 5 ft E. of tree stump; in concrete post; standard tablet stamped "7 WWT 1952 456"	455.961
Nebo, 2.2 mi S. of, along State Highway 502; at Coiltown; 32 ft S. and 40 ft W. of, and 2 ft higher than centerline of crossroads; 100 ft W. of large white house; 3 ft E. of powerline pole; in concrete post; standard tablet stamped "8 WWT 1952 438"	438.256
Reference mark; 81 ft SE. of tablet; 8 ft N. and 15 ft E. of centerline of State Highway 502 at junction of driveway E.; on N. end of concrete culvert; chiseled square	433.25
"N 40 1934" (NGS)	382.243

LINE 2.

W. W. Tilton, 1953; Book AV 2018	
U. E., Slaughters, 0.6 mi W. of; 10 ft S. and 8 ft W. of centerline of State Highway 1276 at junction of driveway S.; on W. end of concrete culvert; chiseled square	445.52
U. E., Slaughters, 1.2 mi W. of; 16 ft N. and 95 ft E. of, and 5 ft lower than centerline of State Highway 1276 at junction of rd. SW.; on N. end of concrete culvert; chiseled square	454.03

Hwy
1276

LINE 2 (Cont'd.)Feet

Slaughters, 2.1 mi W. of, along State Highway 1276; 30 ft S. and 12 ft W. of, and 4 ft lower than centerline of hwy. at junction of T-rd. SW.; 3 ft W. of powerline pole; in concrete post; standard tablet stamped "1 WWT 1953 510"	510.147
U. E., Slaughters, 3.2 mi W. of; 12 ft NE. of centerline of State Highway 1276; 8 ft NE. of centerline of driveway NE.; in N. end of concrete culvert; chiseled square	548.49
Slaughters, 3.6 mi W. of, along State Highway 1276; 25 ft S. and 35 ft E. of, and 5 ft higher than centerline of hwy. at junction of T-rd. E.; in concrete post; standard tablet stamped "2 WWT 1953 554" (Destroyed, 1962)	553.966
U. E., Slaughters, 3.5 mi SW. of; 140 ft N. of centerline of rd. at junction of T-rd. W.; on center of bridge; chiseled square	436.49
Slaughters, 3.5 mi SW. of, thence 0.6 mi W.; 27 ft N. and 37 ft E. of, and 6 ft higher than centerline of rd. at junction of T-rd. E.; in concrete post; standard tablet stamped "3 WWT 1953 475"	475.079
Slaughters, 3.5 mi SW. of, thence 0.6 mi W., thence 1.5 mi S.; 37 ft S. and 18 ft E. of, and 2 ft lower than centerline of rd. at junction of driveway NE.; at sharp curve SW.; 2 ft N. of fence; in concrete post; standard tablet stamped "4 WWT 1953 507"	506.522
U. E., Veazey, 0.7 mi SE. of; 70 ft SW. of, and 2 ft lower than centerline of rd.; 115 ft SE. of drain SW.; on top of drainage pipe; chiseled square	460.66
Manitou, 4.9 mi N. of, along State Highway 630; 0.8 mi S. of Veazey; 14 ft W. of centerline of hwy.; in SW. corner of bridge; standard tablet stamped "5 WWT 1953 474"	474.065
Manitou, 3.4 mi N. of, along State Highway 630; 200 ft NE. of Concord Baptist Church; 62 ft N. and 48 ft E. of and 4 ft higher than centerline of hwy. at junction of T-rd. E.; in sandstone bedrock; standard tablet stamped "6 WWT 1953 589"	589.116
Reference mark; 190 ft SW. of tablet; on NE. corner of bottom concrete step of Concord Baptist Church; chiseled square	573.75
U. E., Manitou, 2.3 mi N. of; 36 ft N. and 14 ft W. of centerline of State Highway 630 at junction of driveway S.; on hwy.; chiseled square	459.04
Manitou, 2.1 mi N. of, along State Highway 630; 210 ft N. and 29 ft E. of, and 4 ft higher than centerline of hwy. at junction of T-rd. E.; 3 ft S. of telephone pole; in concrete post; standard tablet stamped "7 WWT 1953 449"	449.240
U. E., Manitou, 1.0 mi N. of; 8 ft N. and 18 ft E. of centerline of State Highway 630 at junction of driveway E.; on N. end of concrete culvert; chiseled square	462.03
U. E., Manitou, 0.6 mi N. of; 10 ft S. of, and 1 ft higher than centerline of State Highway 630; on NW. corner of bridge; chiseled square	407.83

LINE 2 (Cont'd.)Feet

Manitou, 0.1 mi S. of, along farm rd.; 24 ft E. of, and 3 ft lower than centerline of rd. at RR. crossing; 33 ft S. of S. rail; at fence corner; in concrete post; standard tablet stamped "8 WWT 1953 418"	417.748
Reference mark; 91 ft W. of tablet; 12 ft E. of, and 3 ft lower than S. rail of L. & N. RR. track; on S. end of stone culvert; chiseled square	417.77
U. E., Manitou, 0.9 mi W. of, along L. & N. RR.; 8 ft N. of, and 2 ft lower than centerline of track; on N. end of stone culvert; chiseled square	394.77
"P 40 1934" (NGS)	390.944

LINE 3.

W. W. Tilton, 1953; Book AV 2018	
"6 WWT 1952 373" (Described in line 1)	372.418
U. E., Coiltown, 4.3 mi S. of; 8 ft N. and 16 ft E. of centerline of State Highway 502 at junction of driveway E.; on N. end of concrete culvert; chiseled square	374.19
Coiltown, 4.5 mi S. of, along State Highway 502; 16 ft N. and 18 ft E. of, and 1 ft lower than centerline of hwy. at junction of T-rd. E.; in E. end of concrete culvert; standard tablet stamped "9 WWT 1953 382"	381.504
Reference mark; 67 ft S. of tablet; 42 ft S. and 18 ft E. of, and 1 ft higher than centerline of State Highway 502 at junction of T-rd. E.; on sandstone rock; chiseled square	383.57
U. E., Coiltown, 5.6 mi SW. of; 0.5 mi E. of Rabbit Ridge; 10 ft N. of, and 1 ft higher than centerline of State Highway 502; on N. end of concrete culvert; chiseled square	446.88
Rabbit Ridge; 60 ft N. of center of triangle formed by junction of State Highways 109 and 502; 30 ft E. of centerline of Highway 109; 8 ft W. of SW. corner of house; 3 ft S. of power pole; in concrete post; standard tablet stamped "10 WWT 1953 497"	497.257
Reference mark; 75 ft NW. of tablet; 30 ft N. of centerline of State Highway 502; 18 ft W. of centerline of State Highway 109; on W. end of concrete culvert; chiseled square	496.96
U. E., Rabbit Ridge, 1.0 mi NW. of; 17 ft E. and 8 ft S. of, and 1 ft lower than centerline of State Highway 109 at junction of driveway E.; on S. end of concrete culvert; chiseled square	492.39
Rabbit Ridge, 2.0 mi NW. of, along State Highway 109; 16 ft E. of centerline of hwy.; 20 ft W. of corner of hwy. fence and fenceline SE.; in E. end of concrete culvert; standard tablet stamped "11 WWT 1953 375"	374.568
Reference mark; 42 ft W. of tablet; 25 ft S. and 25 ft W. of centerline of hwy. at junction of driveway W.; on W. end of concrete culvert; chiseled square	375.42

LINE 3 (Cont'd.)Feet

U. E., Rabbit Ridge, 2.5 mi NW. of; 20 ft S. and 19 ft E. of centerline of State Highway 109 at junction of rd. N.; on E. end of concrete culvert; chiseled square	367.39
U. E., Rabbit Ridge, 2.7 mi NW. of, thence 0.5 mi W.; 12 ft S. and 48 ft W. of centerline of rd. at junction of T-rd. N.; on S. end of concrete culvert; chiseled square	447.03
Rabbit Ridge, 2.7 mi NW. of, along State Highway 109, thence 1.0 mi SW.; 1.6 mi E. of Dalton, thence 1.6 mi N.; 66 ft N. and 21 ft W. of, and 2 ft higher than centerline of rd. at junction of T-rd. W.; in concrete post; standard tablet stamped "12 WWT 1953 420"	419.580
Dalton, 1.6 mi E. of, along graveled rd.; 30 ft S. 38 ft W. of, and 2 ft higher than centerline of rd. at junction of T-rd. W.; 3 ft N. of E.-W. fenceline; in concrete post; standard tablet stamped "13 WWT 1953 389"	388.850

LINE 4.

W. W. Tilton, 1953; Book AV 2018

"9 WWT 1953 382" (Described in line 3)	381.504
Beulah, 2.4 mi E. of, along State Highway 70, thence 2.0 mi N. along Colonial Coal Company rd.; at Colonial Coal Company weight station; 75 ft N. and 18 ft W. of centerline of main RR. track at private rd. crossing; 3 ft W. of power pole; in concrete post; standard tablet stamped "15 WWT 1953 384"	383.955
Reference mark; 62 ft S. of tablet; 6 ft N. and 17 ft W. of centerline of main RR. track at private rd. crossing; on NW. corner of concrete weighing platform; chiseled square	384.79
Beulah, 2.4 mi E. of, along State Highway 70; 12 ft N. and 51 ft W. of, and 1 ft higher than centerline of hwy. at junction of T-rd. N.; in NE. corner of concrete bridge; standard tablet stamped "16 WWT 1953 397"	396.928
U. E., Beulah, 3.1 mi E. of; 14 ft N. and 107 ft W. of, and 1 ft higher than centerline of State Highway 70 at junction of driveway N.; on N. end of concrete culvert; chiseled square	435.91
U. E., Beulah, 3.5 mi E. of, along State Highway 70, thence 0.5 mi S.; 9 ft W. of, and 2 ft lower than centerline of rd. at N.-S. drain crossing; on W. end of concrete culvert; chiseled square	450.97
Beulah, 3.5 mi E. of, along State Highway 70, thence 0.7 mi S., thence 0.4 mi E.; 14 ft N. and 9 ft W. of, and 1 ft lower than centerline of rd. at junction of rd. N.; at E.-W. fenceline; in concrete post; standard tablet stamped "17 WWT 1953 475" (Reported disturbed, 1972)	474.633

LINE 5.Feet

W. W. Tilton, 1953; Book AV 2018

U. E., Beulah, 2.6 mi SW. of, along State Highway 70, thence 0.7 mi S.; 12 ft E. of, and 2 ft higher than centerline of rd.; on NW. corner of old stone chimney; chiseled square 527.95

Beulah, 2.6 mi SW. of, along State Highway 70; 39 ft S. and 39 ft W. of, and 1 ft lower than centerline of hwy. at junction of T-rd. S.; in concrete post; standard tablet stamped "21 WWT 1953 495" 494.620

U. E., Beulah, 3.1 mi SW. of; 21 ft N. and 7 ft W. of centerline of State Highway 70 at junction of driveway N.; on W. end of concrete culvert; chiseled square 486.30

U. E., Beulah, 3.8 mi W. of; 24 ft N. and 15 ft W. of centerline of State Highway 70 at junction of T-rd. N.; on W. end of concrete culvert; chiseled square 447.54

LINE 6.

W. W. Tilton, 1953; Book AV 2018

U. E., Beulah, 3.8 mi W. of; chiseled square (Described in line 5) 447.54

LINE 7.

W. L. Wallace, 1953; Book AV 2020

Providence, 1.0 mi SE. of, along State Highway 109; near Hopkins-Webster County line; 30 ft W. of centerline of hwy.; 155 ft NW. of plank bridge; in concrete post; standard tablet stamped "TT 13 G 1936" 391.771

U. E., Providence, 1.2 mi SE. of, along State Highway 109, thence 0.3 mi S.; 8 ft N. and 8 ft W. of centerline of rd. at junction of drive N.; on W. end of concrete tile; chiseled square 390.39

[Jogs into Providence quadrangle]

U. E., Providence, 1.2 mi SE. of, thence 1.3 mi S.; 53 ft W. of, and 3 ft higher than centerline of rd. at junction of drive W.; on cattle guard; chiseled square 373.01

LINE 8.

W. L. Wallace, 1953; Book AV 2020

U. E., Lisman, 1.4 mi SW. of; 8 ft N. and 12 ft W. of, and level with centerline of rd. at junction of drive W.; on N. end of concrete tile; chiseled square 387.88

U. E., Lisman, 0.7 mi SW. of; 22 ft NE. of, and about 1 ft lower than centerline of State Highway 270 at junction of graveled rd. W.; on SW. end of concrete tile; chiseled square 383.89

LINE 8 (Cont'd.)Feet

Lisman; 20 ft E. of, and 2 ft higher than centerline of crossroads; 10 ft W. of W. corner of Villines and Frederick Store; in S. corner of concrete stand for gasoline pump; standard tablet stamped "27 WLW 1953"	409.354
Reference mark; 115 ft SE. of tablet; 120 ft SE. and 50 ft SW. of centerline of crossroads; on concrete pillar; chiseled square	408.05
U. E., Lisman, 1.0 mi NW. of, along State Highway 874; at drain crossing; on center of large concrete bridge; chiseled square	370.52

LINE 9.

W. L. Wallace, 1953; Book AV 2020

Providence, 2.3 mi NE. of, along State Highway 264; 6 ft N. and 15 ft W. of, and about 1 ft higher than centerline of hwy. at junction of drive N.; in concrete post; standard tablet stamped "30 WLW 1953"	417.835
Reference mark; 80 ft E. of tablet; 1 ft S. and 60 ft E. of centerline of State Highway 120 at junction of drive N.; at field entrance S.; on SE. end of concrete tile; chiseled square	415.84
U. E., Providence, 3.4 mi NE. of; 6 ft N. and 15 ft W. of, and level with centerline of State Highway 264 at junction of drive N.; at large barn; on SW. wingwall of rock culvert; chiseled square	374.25
Providence, 4.4 mi NE. of, along State Highway 264; 2.0 mi SW. of Stanhope; 28 ft E. of, and level with centerline of crossroads; in SE. rail of rock culvert; standard tablet stamped "31 WLW 1953"	385.962 ←
Reference mark; 60 ft W. of tablet; 4 ft N. and 21 ft W. of centerline of crossroads; on SW. end of concrete tile; chiseled square	385.36
Stanhope; 33 ft N. of, and about 1 ft higher than centerline of crossroads; in SE. corner of stand for gasoline pump; standard tablet stamped "32 WLW 1953"	466.294
Reference mark; 103 ft NE. of tablet; 70 ft N. and 70 ft E. of, and 1 ft lower than centerline of crossroads; on NW. end of concrete tile; chiseled square	464.85
U. E., Stanhope, 0.8 mi NE. of; 20 ft S. and 4 ft E. of, and 2 ft lower than centerline of State Highway 264 at junction of T-rd. S.; on SW. abutment of culvert; chiseled square	508.76
Stanhope, 1.9 mi NE. of, along State Highway 264; 6.1 mi NE. of Nebo, along State Highway 502; 35 ft N. and 9 ft E. of, and about 3 ft higher than centerline of Highway 264 at junction of Highway 502; in concrete post; standard tablet stamped "33 WLW 1953"	575.885
Reference mark; 20 ft SW. of tablet; 15 ft N. and 2 ft E. of, and level with centerline of State Highway 264 at junction of State Highway 502; on NE. end of concrete tile; chiseled square	573.62

LINE 9 (Cont'd.)Feet

Nebo, 5.0 mi N. of, along State Highway 502; 0.2 mi N. of residence of R. I. Taylor; 0.2 mi S. of Red Oak School; 18 ft S. and 225 ft W. of centerline of hwy. at junction of dim rd.; 15 ft W. of wire fence; in concrete post; NGS standard triangulation station disk stamped "JONES 1934"	611.838
U. E., Nebo, 4.3 mi N. of; 10 ft N. and 6 ft W. of, and 2 ft higher than centerline of State Highway 502 at drain crossing; on sandstone rock; chiseled square	474.49
Nebo, 2.8 mi N. of, along State Highway 502; 100 ft N. and 15 ft E. of, and about 3 ft higher than centerline of hwy. at junction of T-rd. W.; in concrete post; standard tablet stamped "34 WLW 1953"	434.932
Nebo, 1.1 mi N. of, along State Highway 502; 20 ft S. and 40 ft W. of, and 1 ft higher than centerline of hwy. at junction of T-rd. W.; in concrete post; standard tablet stamped "35 WLW 1953"	414.957
Reference mark; 70 ft NE. of tablet; 30 ft N. and 15 ft E. of centerline of State Highway 502 at junction of T-rd. W.; on NE. abutment of wooden bridge; chiseled square	413.60
U. E., Nebo; on centerline of crossroads; chiseled square	417.75
"N 40 1934" (NGS) (Also in line 1)	382.243

LINE 10.

W. L. Wallace, 1953; Book AV 2020	
"33 WLW 1953" (Described in line 9)	575.885
Vanderburg; 75 ft S. and 35 ft W. of, and 4 ft higher than centerline of crossroads; in concrete post; standard tablet stamped "36 WLW 1953"	583.445
Reference mark; 95 ft NW. of tablet; 15 ft S. and 70 ft W. of centerline of crossroads; on S. rail of concrete culvert; chiseled square	578.85
Vanderburg, 0.3 mi NW. of, along State Highway 630, thence 1.8 mi SW.; 40 ft N. of centerline of rd. opposite farm building; 2 ft E. of SE. corner of residence of R. L. Tapp; in concrete post; standard tablet stamped "37 WLW 1953"	486.745
Vanderburg, 0.3 mi NW. of, along State Highway 630, thence 3.7 mi SW.; 3.3 mi SW. of Dixon, along U. S. Highway 41A; 100 ft N. and 50 ft E. of, and 1 ft higher than centerline of crossroads, in concrete post; standard tablet stamped "38 WLW 1953"	447.407
Reference mark; 80 ft NW. of tablet; 8 ft S. and 20 ft W. of, and about 1 ft lower than centerline of U. S. Highway 41A at junction of drive W.; on S. end of metal tile; chiseled square	445.73

LINE 10 (Cont'd.)Feet

U. E., Dixon, 2.2 mi SW. of; 8 ft S. and 15 ft E. of, and 1 ft lower than centerline of U. S. Highway 41A at junction of driveway E.; on S. end of concrete tile; chiseled square 541.48

[Jogs into Sebree quadrangle]

Dixon, 2.6 mi SW. of, along State Highway 132; 60 ft S. and 8 ft W. of, and 3 ft higher than centerline of hwy. at junction of drive S.; 3 ft S. of SE. corner of Kentucky Utility Substation No. 502; in concrete post; standard tablet stamped "39 WLW 1953" 570.544

Reference mark; 45 ft N. of tablet; 15 ft S. and 8 ft E. of, and level with centerline of State Highway 132 at junction of drive S.; on E. end of concrete tile; chiseled square 567.37

U. E., Dixon, 3.9 mi SW. of; 12 ft N. of centerline of State Highway 132 at drain crossing; at curve; on N. rail of concrete culvert; chiseled square 386.86

LINE 11.

W. L. Wallace, 1953; Book AV 2020

"33 WLW 1953" (Described in line 9) 575.885

U. E., Stanhope, 2.9 mi NE. of; 10 ft N. and 10 ft W. of, and 1 ft lower than centerline of crossroads; on SW. end of concrete tile; chiseled square 494.38

Vanderburg, 2.0 mi SE. of, along State Highway 630; 3.6 mi NE. of Stanhope; 15 ft S. and 50 ft E. of, and about 1 ft higher than center of bridge over Deer Creek; in SW. end of concrete bridge rail; standard tablet stamped "40 WLW 1953" 429.419

Reference mark; 105 ft E. of tablet; on NE. rail of concrete bridge; chiseled square 429.40

U. E., Vanderburg, 2.3 mi SE. of, thence 1.0 mi NE.; 20 ft S. of, and about 1 ft higher than centerline of hwy. at junction of drive N.; 50 ft SW. of SW. corner of tobacco barn; on W. end of concrete tile; chiseled square 435.67

Vanderburg, 2.3 mi SE. of, along State Highway 630, thence 1.5 mi NE. along State Highway 1276; 40 ft N. and 50 ft E. of, and 4 ft higher than centerline of hwy. at junction of T-rd. N.; in concrete post; standard tablet stamped "41 WLW 1953" 453.118

Reference mark; 40 ft SW. of tablet; 20 ft N. and 15 ft E. of, and 2 ft lower than centerline of State Highway 1276 at junction of T-rd. S.; chiseled square 447.38

"2 WWT 1953 554" (Described in line 2) 553.966

LINE 12.

E. E. Palmer, 1953; Book AV 2024

U. E., Earlington, 2.2 mi SW. of; 15 ft N. of centerline of State Highway 112; on concrete headwall of culvert; chiseled square 477.55

LINE 12 (Cont'd.)Feet

U. E., Earlington, 1.9 mi SW. of; 15 ft N. of centerline of State Highway 112; on E. end of concrete headwall of culvert; chiseled square	451.38
Earlington, 1.5 mi SW. of, along State Highway 112; 50 ft SW. of, and 1 ft lower than centerline of hwy. at junction of T-rd. S.; 46 ft S. of centerline of hwy.; 18 ft W. of centerline of graveled rd.; in concrete post; standard tablet stamped "11 EEP 1953 429"	428.909
Reference mark; 302 ft W. of tablet; on NW. concrete abutment of small bridge; chiseled square	429.64
U. E., Earlington, 0.9 mi SW. of; 15 ft N. of centerline of State Highway 112; on concrete headwall of culvert; chiseled square	424.26
U. E., Earlington; at SW. corner of intersection of Main Street and Oakwood Avenue; on curb of sidewalk; chiseled square	444.34
"V 66 1934" (NGS)	418.907

105 KY

QUADRANGLE

..... FILED

1-7-87

NOTICE

FOR HORIZONTAL CONTROL

COMPUTER PRINT-OUT

SEE BOOK CS 618

HORIZONTAL Accy Proj. #2 PROJECT _____

HAP #2

COPY SUITABLE FOR XEROX

IS FILED IN KY 157 QUAD.

NOTE: This is to be stapled to the inside front cover of the horizontal control folder.

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

37-087-31
EARLINGTON QUADRANGLE
105 KENTUCKY
N3715-W8730/15
DIAGRAM NJ 16-8
EVANSVILLE

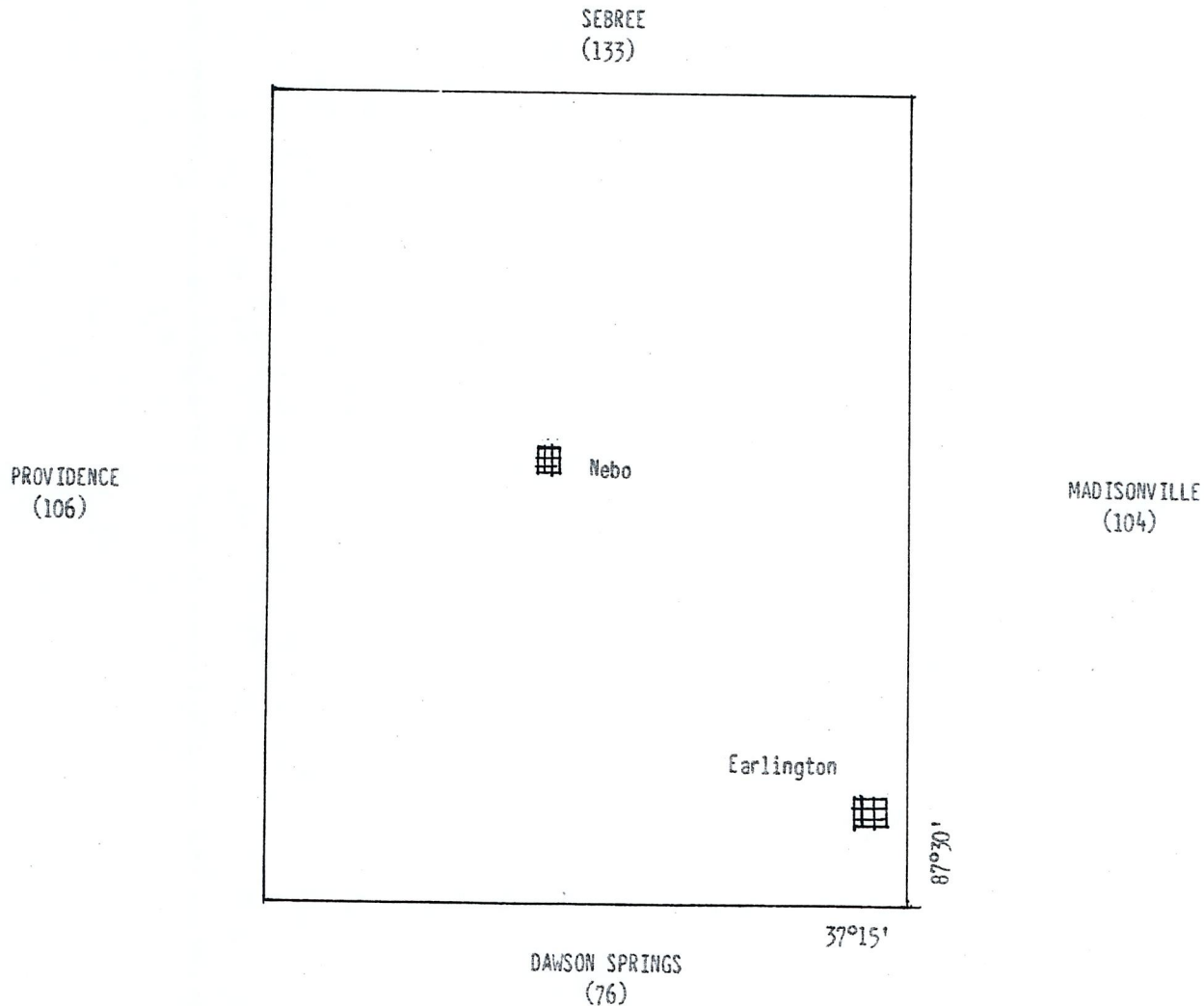
Hopkins and Webster Counties

Edition of 9/29/77

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.

105 KENTUCKY
EARLINGTON QUADRANGLE

37-087-31
N3715-W8730/15

INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>
PTS NO 4 1904 KY	3
PTS NO 5 1904	3
PTS NO 6 1904	3
PTS NO 5 1907 540 RESET 1947	3
PTS NO 23 1907 KY	3
TT 12 G 1936	3
TT 13 G 1936	3
33 WLW 1953 TT	4
34 WLW 1953 TT	4
35 WLW 1953 TT	4
36 WLW 1953 TT	5
6 WWT 1953 589 TT	5
7 WWT 1953 449 TT	5
8 WWT 1953 418 TT	4
9 WWT 1953 382 TT	5
15 WWT 1953 384 TT	5
16 WWT 1953 397 TT	5
17 WWT 1953 475 TT	5
 <u>NGS</u>	
N 40 1934	4
U 66 1934	4
W 66 1934	4

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

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

By J. R. Ellis, 1904; and C. B. Kendall, 1907; Book A922

Lisman, 2.0 mi N. of; at junction of Dixon and Clay Roads; in NE. corner of frontyard at residence of George Wilson; E. of E. corner of N. chimney of house; 49 ft N. of large white oak tree in frontyard; 33 ft WNW. of NE. fence corner; in sandstone post; standard tablet stamped "PRIM TRAV STA NO 6 1904" (Not found, 1954)

X = 1,420,742	Y = 428,577	37 29 37.20	87 44 48.20
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Vanderburg, 400 ft E. of crossroads; at residence of Charles H. Mitchell; 62 ft N. of centerline of rd.; 90 ft NW. of northernmost one of large twin oak trees; 76 ft SW. of center of well; 48 ft N. of locust tree by mailbox; in top stone terrace step; standard tablet stamped "PRIM TRAV STA NO 5 1904" (Not found, 1954)

X = 1,450,726	Y = 425,458	37 29 12.46	87 38 35.45
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Slaughters, 0.2 mi W. of RR. station; in SW. corner of vacant lot; 64 ft SW. of SW. corner of old post office; 35 ft E. of centerline of Cross Street; 31 ft N. of centerline of Main Street; 40 ft E. of horseshoe embedded in N. sidewalk of Main Street near intersection with W. sidewalk of Cross Street; 4 ft E. of E. edge of E. sidewalk along Cross Street; in concrete post; standard tablet stamped "PRIM TRAV STA NO 4 1904 KY"

X = 1,491,870	Y = 425,424	37 29 19.98	87 30 05.04
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Beulah; 2 ft NE. of NE. corner of Beulah Church; on iron post; standard cap stamped "PRIM TRAV STA NO 5 1907 540 RESET 1947" (Reported destroyed, 1954)

X = 1,436,708	Y = 347,054	37 16 14.60	87 41 09.40
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Beulah, 2.4 mi SE. of; at NE. end of residence of J. J. Hicks; in chimney; standard tablet stamped "PRIM TRAV STA NO 23 1907 KY" (Reported destroyed, 1954)

X = 1,425,907	Y = 343,575	37 15 38.00	87 43 22.10
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By G. B. Grunwell, 1936; Book D1860

Providence, 4.8 mi SE. of; 2.0 mi W. of Johnson Island School; 0.7 mi SE. of E. edge of Weir Creek swamp; 500 ft N. of N. edge of Clear Creek Swamp; 350 ft W. of centerline of Tradewater Trail; 17 ft N. and 78 ft W. of centerline of rd. at junction of T-rd. S.; 16 ft W. of 48-in. oak tree; 15 ft S. of SW. corner of residence of Odie Dukes; in concrete post; standard tablet stamped "TI 12 G 1936" (Reported destroyed, 1954)

X = 1,426,695	Y = 374,629	37 20 45.13	87 43 20.35
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Providence, 1.0 mi SE. of, along State Highway 109; near Hopkins-Webster County line; 30 ft W. of centerline of hwy.; 155 ft NW. of plank bridge; in concrete post; standard tablet stamped "TI 13 G 1936"

X = 1,419,067	Y = 388,306	37 22 58.76	87 44 58.38
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STATION	DESCRIPTION	LATITUDE	LONGITUDE
	PLANE COORDINATES, FEET	° ' "	° ' "

OBSOLETE MARKS (Cont'd.)

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

Earlington, 153 ft S. of S. end of L. & N. RR. station; 38 ft E. of E. rail; 22 ft W. of centerline of street; 6 ft W. of W. curb; 4 ft SW. of pole; in concrete post; NGS standard disk stamped "W 66 1934"

X = 1,487,417	Y = 347,004	37 16 23.92	87 30 42.14
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Earlington, 1.2 mi NW. of station, along L. & N. RR.; 0.1 mi S. of milepost 273; 24 ft W. of fenceline; 15 ft E. of and 3 ft lower than E. rail; in stone culvert; NGS standard disk stamped "U 66 1934"

X = 1,484,101	Y = 354,900	37 17 41.36	87 31 24.99
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By C. Gridley, 1953; Book AH 2006

Manitou, 0.1 mi S. of, along farm rd.; 24 ft E. of, and 2 ft lower than centerline of rd. at RR. crossing; 33 ft S. of S. rail; at fence corner; in concrete post; standard tablet stamped "8 WWT 1953 418 TT"

X = 1,447,968	Y = 376,949	37 21 12.37	87 38 57.56
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Nebo; 54 ft S. of S. side of L. & N. RR. station; 110 ft E. of dirt rd.; 25 ft S. of S. rail; 71 ft NE. of NE. corner of residence of J. M. O'Brien; 2 ft N. of fence; in concrete post; NGS standard disk stamped "N 40 1934"

X = 1,449,847	Y = 385,958	37 22 41.81	87 38 36.53
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Nebo, 1.1 mi N. of, along State Highway 502; 20 ft S. and 40 ft W. of, and 1 ft higher than centerline of hwy. at junction of T-rd. W.; in concrete post; standard tablet stamped "35 WLW 1953 TT"

X = 1,451,338	Y = 393,579	37 23 57.45	87 38 19.96
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Nebo, 2.8 mi N. of, along State Highway 502; 100 ft N. and 15 ft E. of, and 3 ft higher than centerline of hwy. at junction of T-rd. W.; in concrete post; standard tablet stamped "34 WLW 1953 TT"

X = 1,451,494	Y = 401,104	37 25 11.87	87 38 19.89
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Stanhope, 1.9 mi NE. of, along State Highway 264; 6.1 mi N. of Nebo, along State Highway 502; 35 ft N. and 9 ft E. of, and 3 ft higher than centerline of Highway 264 at junction of Highway 502; in concrete post; standard tablet stamped "33 WLW 1953 TT"

X = 1,451,467	Y = 415,272	37 27 31.91	87 38 23.73
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