

THIRD-ORDER LEVELING
NATIONAL GEODETIC VERTICAL DATUM OF 1927

40-076-12
POTTSVILLE QUADRANGLE
96 PENNSYLVANIA
N4030-W7600/15
DIAGRAM NK 18-10
HARRISBURG

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Berks and Schuylkill Counties

Final adjustment of 1971

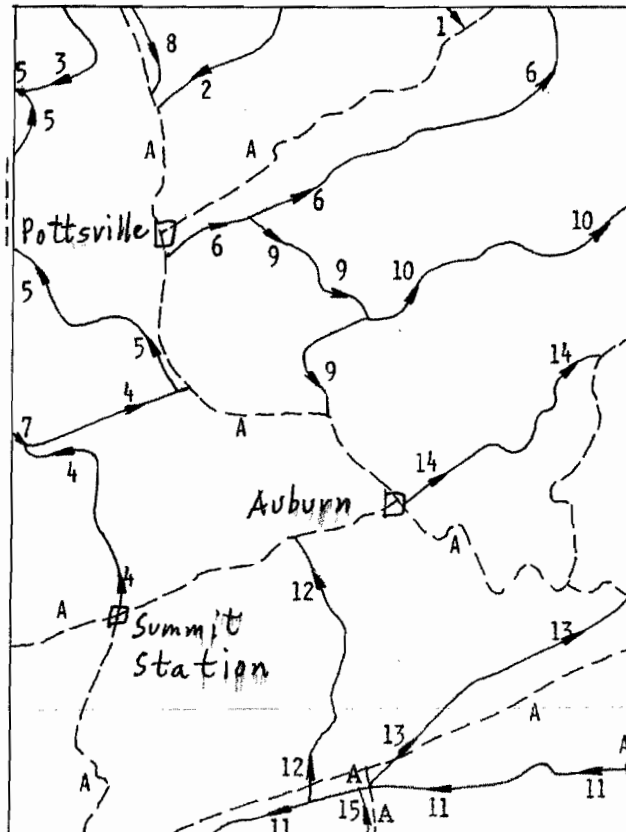
Edition of 8/22/79

PR: GWK/jyk

MAHONEY
(119)

PINE GROVE
(97)

HAMBURG
(95)



40°30'

WERNERSVILLE
(73)

NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 400761

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Book A 7537

1908

ISOLATED BENCH MARKS (By H. M. Gillman, 1908; Book A 7537)	<u>Feet</u>
Port Clinton, 500 ft N. of station; in the S. end of NE. wingwall of through girder bridge over Schuylkill River; standard tablet stamped "407 1926" (Reset of "403 1908")	406.936
Dreherstown; along Reading Company Railroad; at bridge 83/67; in E. end of S. abutment; 12 ft E. of centerline of northbound track; 2.5 ft lower than top of rail; riveted on top of 3 1/2-in. iron pipe; standard tablet stamped "490 1908" (Tied by NGS, 1934)	490.065

LINE 1.

A. L. Moore, 1942; Book B 9566

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

LINE 2.

A. L. Moore, 1942; Book B 9566

St. Clair, 3.3 mi NE. of; 0.13 mi S. of dirt crossroad; 55 ft W. of rd.; 30 ft W. of P. P. & L. Company HO Fl 16 1B pole; in rd. directly under high-power line; in boulder; flush with ground; standard tablet stamped "4 M 1942"	1556.338
Reference mark; 270 ft S. of tablet; on W. side of rd.; on stone catch basin; chiseled square	1538.27
U.E., St. Clair, 2.2 mi NE. of; 125 ft W. of T-rd. S.; 120 ft W. of point where powerline leaves rd.; 25 ft N. of rd.; at foot of 20-ft waste dump; on boulder; chiseled square	1358.20
St. Clair, 1.6 mi NE. of; 65 ft N. of narrow-gauge RR. crossing; 30 ft NW. of track; about 200 ft NE. of coal hoist; in conglomerate ledge; standard tablet stamped "5 M 1942"	1271.329
Reference mark; 230 ft SW. of tablet; 50 ft N. of NE. corner of St. Clair Coal Company hoist; 30 ft N. of rd.; on boulder; chiseled square	1266.38
U.E., St. Clair, 0.6 mi NE. of; 60 ft W. of B. T. Company of Pennsylvania pole 21; on NW. side of rd.; on stone catch basin; chiseled square	915.20
U.E., St. Clair; on NE. corner at intersection of West Hancock and Third Streets; on top of cast-iron catch basin; chiseled square	741.10
"H 42 1934" (NGS)	714.667

LINE 3.

R. E. Wells, 1942; Book B 9549

U.E., Gordon, 6.1 mi E. of, along blacktop and dirt rds.; 2.3 mi NW. of Reppilier Coal Company; 10 ft NE. of rd.; on rock; chiseled square	1632.29
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1942

LINE 3 (Cont'd.)Feet

Gordon, 7.3 mi SE. of; 1.1 mi NW. of Reppilier Coal Co.; 18 ft N. of rd.; in rock; standard tablet stamped "L 28 WE 1942"	1364.672
Reference mark; 50 ft SE. of tablet; 14 ft S. of rd.; on rock; chiseled square	1360.20
U.E., New Castle; now Reppilier Coal Co.; near crossroads at Shomarker and Shutz stripping office; 120 ft S. of crossroads; 24 ft SW. of rd.; on rock; chiseled square	1037.87
U.E., Heckscherville; 1.6 mi along blacktop rd. and 0.6 mi along dirt rd. to coal mine E. of post office; 39 ft S. of rd.; on E. end of rock; chiseled square	918.69

LINE 4.

R. E. Wells, 1942; Book B 9549

"W 42 1934" (NGS)	686.203
"RV 161" (NGS)	717.610
U.E., Hammon (Summit Station Post Office), 1.3 mi N. of, along State Highway 83; 21 ft SW. of center of crossroads; on N. end of rock culvert; chiseled square	778.03
Hammon, 1.8 mi N. of; 1.4 mi along State Highway 443 E., thence 2.0 mi along State Highway 83 S. from Friedensburg; 80 ft N. and 5 ft E. from crossroads; on summit of hill; 6 ft S. of twin maple tree; in concrete post; standard tablet stamped "TT 19 K 1942"	853.219
U.E., Friedensburg; 1.4 mi along State Highway 443 E., thence 1.1 mi along State Highway 83 S.; 32 ft NW. of crossroads; on S. corner of rock culvert; chiseled square	875.98
Friedensburg, 1.4 mi E. of; 0.18 mi S. of intersection of State Highways 83 and 443; in SE. wingwall of concrete bridge over stream; Pennsylvania Department of Highways standard disk stamped "TT 20 K 1942"	591.555
Reference mark; 23 ft NW. of tablet; 16 ft NE. of rd.; on NW. abutment of bridge; chiseled square	591.44
Cressona; 3.4 mi along concrete and blacktop rds. SW. of RR. crossing at Connor station; at abandoned service station converted to two-story dwelling; about 130 ft SE. of large barn; 18 ft SE. of rd.; 4 ft SE. of telephone pole; in concrete post; standard tablet stamped "L 12 WE 1942"	693.584
Reference mark; 42 ft NE. of tablet; 22 ft SE. of rd.; on top of gasoline tank cement floor; at W. end; chiseled square	693.22
U.E., Cressona; 2.6 mi SW. of RR. crossing at Connor; 15 ft N. of rd.; on top of W. end of bottom step to dwelling; chiseled square	626.28
U.E., Cressona; 1.5 mi SW. of RR. crossing at Connor, along State Highway 83; at rd. fork near service station; 14 ft SE. of hwy.; on SW. end of culvert; chiseled square	583.83
Cressona; 0.7 mi SW. of RR. crossing at Connor, along hwy.; 0.10 mi S. of crossroads; 20 ft W. of rd.; in N. abutment of bridge; PDH standard disk stamped "L 13 WE 1942"	538.190

1942

LINE 4 (Cont'd.)Feet

Reference mark; 130 ft N. of tablet; 17 ft W. of rd.; on W. end of concrete curb; chiseled square	538.29
U.E., Cressona; 0.6 mi W. of RR. crossing at Connor; 18 ft SE. of crossroads; on curb above iron drain at corner; chiseled square	541.08
"L 42 1934" (NGS)	549.067

LINE 5.

R. E. Wells, 1942; Book B 9549

Cressona, 0.7 mi N. of, along State Highway 83; 18 ft E. of hwy.; at S. abutment of bridge over Schuylkill River; in SE. wingwall; 1 ft E. of S. end of balustrade; PDH standard disk stamped "TT 22 K 1942"	563.866
Reference mark; 93 ft NW. of tablet; 15 ft NE. of hwy.; on NW. abutment; chiseled square	563.85
U.E., Pottsville; 2.8 mi along U. S. Highway 209 W., thence 2.3 mi along State Highway 83 SE. from intersection of Center and Market Streets; at Y-rd. fork; 35 ft E. of rd.; on rock; chiseled and painted cross	705.38
Pottsville; 2.8 mi along U. S. Highway 209 W., thence 1.2 mi along State Highway 83 SE. from intersection of Center and Market Streets; 0.5 mi E. of Indian Run Reservoir; 27 ft N. and 37 ft E. from junction of I-rd. NE.; about 15 ft higher than rd.; in boulder outcrop; standard tablet stamped "TT 7 K 1942"	657.206
U.E., Pottsville, 2.8 mi along U. S. Highway 209 W. of, thence 0.2 mi along State Highway 83 S. from intersection of Center and Market Streets; 0.15 mi S. of crossroads; 16 ft E. of hwy.; on S. end of rock culvert; chiseled square	673.56
Pottsville; 2.0 mi W. of W. city line; 1.0 mi SE. of S. boro line of Minersville; 13 ft E. of triangle at junction of State Route 901 (Legislative Route 199) NW. and U. S. Highway 209 (L.R. 199 SE. and L.R. 725 W.); 18.2 ft E. of rd. marker; 71.3 ft N. of stop sign; 21.6 ft SE. of another stop sign; in concrete post; standard tablet stamped "TS 53 9 K 1941"	685.913
Reference mark; 393 ft NW. of tablet; 10 ft SW. of rd.; 4 in. NE. of side of hwy.; on top of concrete hwy.; chiseled square	686.85
<u>[Jogs into Pine Grove quadrangle]</u>	
Minersville, 1.7 mi N. of; 0.5 mi N. of Duncot School; 250 ft NE. of Y-rd. junction; 23 ft S. and 14 ft W. from center of concrete bridge over creek; in S. corner of W. abutment; PDH standard disk stamped "TT 16 K 1942"	766.771
Reference mark; 44 ft E. of tablet; 13 ft S. of rd.; on E. corner of bridge; chiseled square	767.80
Heckscherville; 1.6 mi E. of post office, along blacktop rd.; at stream crossing; 27 ft W. of RR. crossing; 33 ft E. of rd. fork; on E. abutment of bridge; PDH standard disk stamped "L 14 WE 1942"	860.597

1942

LINE 5 (Cont'd.)Feet

Reference mark; 42 ft W. of tablet; 23 ft N. of rd.; on rock over culvert; chiseled square	859.77
Heckscherville, 1.3 mi E. of; at stream crossing; 20 ft W. of lane to house; 13 ft N. of rd.; in E. abutment of bridge; PDH standard disk stamped "L 15 WE 1942"	893.019
Reference mark; 20 ft W. of tablet; 12 ft N. of rd.; on W. abutment of bridge; chiseled square	893.15

LINE 6.

R. E. Wells, 1942; Book B 9549

"K 42 1934" (NGS)	613.119
U.E., Pottsville, 1.2 mi S. of, thence 0.3 mi along blacktop rd. NE. from intersection of Center and Market Streets; 15 ft N. of rd.; on top of E. end of rock culvert; chiseled square	624.86
Pottsville; 1.2 mi S. of, thence 1.3 mi NE. from intersection of Center and Market Streets; 70 ft N. and 277 ft E. from Y-rd. junction at E. end of Silver Creek Reservoir; 13 ft S. of township rd.; in concrete post; standard tablet stamped "T 1 K 1942"	754.788
U.E., Pottsville, 1.2 mi S. of, thence 2.4 mi NE.; 1.1 mi NE. of E. end of Silver Creek Reservoir; 19 ft S. of rd.; on SE. side of large rock; chiseled square	787.44
Silver Creek Reservoir, 2.0 mi NE. of E. end of; 250 ft E. of gap at top of hill; 35 ft S. of rd.; 5 ft E. of 4-in. hemlock tree; in SW. corner of large rock; standard tablet stamped "L 8 WE 1942"	826.999
Reference mark; 32 ft NE. of tablet; 12 ft S. of rd.; on rock; chiseled square	824.43
U.E., Silver Creek Reservoir, 3.2 mi NE. of E. end of; 23 ft E. of rd. to house; 18 ft N. of rd.; on E. side of rock; chiseled square	978.06
Silver Creek Reservoir, 4.4 mi E. of; at rd. fork; 16 ft N. of rd.; in W. end of rock headwall over drain crossing; standard tablet stamped "L 9 WE 1942"	986.942
U.E., Silver Creek Reservoir, 5.6 mi NE. of; 0.2 mi W. of T-rd.; 15 ft N. of rd.; on E. side of rock headwall; chiseled square	1069.09
Silver Creek Reservoir, 6.4 mi E. of; 250 ft S. of large barn at bend in rd.; 11 ft W. of rd.; in N. end of bridge headwall over drain crossing; standard tablet stamped "L 10 WE 1942"	992.812
Reference mark; 22 ft E. of tablet; 10 ft E. of rd.; on N. end of bridge headwall; chiseled square	993.12
U.E., Silver Creek Reservoir, 7.7 mi NE. of; 0.8 mi W. of crossroad; 11 ft S. of rd.; on W. end of abutment of culvert; chiseled square	1003.61
Silver Creek Reservoir, 8.5 mi NE. of E. end; 2.5 mi S. of Tuscarora Railroad Station; 28 ft SE. of crossroads; 5 ft N. of culvert; 2 ft S. of telephone pole; in concrete post; standard tablet stamped "L 11 WE 1942"	961.098

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LINE 6 (Cont'd.)Feet

Reference mark; 98 ft N. of tablet; 12 ft E. of rd.; on N. end of concrete curb; chiseled square 958.13

U.E., Tuscarora; 1.5 mi S. of station, along blacktop rd.; 240 ft N. of rd. fork; 22 ft E. of rd.; on N. end of bridge headwall; chiseled square 988.71

LINE 7.

B. D. Harsha, 1942; Book B 9615

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

LINE 8.

A. L. Moore, 1942; Book B 9566

U.E., St. Clair, about 3 mi N. of, along U. S. Highway 122; 35 ft E. of overhead RR. bridge; on N. side of hwy.; on wheelguard; chiseled square 949.40

"F 42 1934" (NGS) 790.282

LINE 9.

R. E. Wells, 1942; Book B 9549

U.E., Pottsville, 1.2 mi S. of, thence 1.3 mi NE., thence 1.3 mi SE. from intersection of Center and Market Streets; 1.3 mi SE. of E. end of Silver Creek Reservoir along dirt rd.; 14 ft N. of rd.; 25 ft N. of telephone pole; on rock; chiseled square 990.80

Silver Creek Reservoir, 2.2 mi SE. of; on top of Second Mountain; 35 ft S. and 15 ft W. from turn-out and summit of rd.; W. of large borrow pit on W. side of rd.; in rock outcrop; standard tablet stamped "TI 2 K 1942" 1378.834

Reference mark; 47 ft SW. of tablet; 6 ft SE. of rd.; on rock; chiseled square 1373.20

U.E., Silver Creek Reservoir, 3.4 mi SE. of; 0.13 mi N. of T-rd.; 11 ft W. of rd.; 6 ft E. of telephone pole; on rock culvert; chiseled square 839.77

U.E., Orwigsburg, at W. edge of; 280 ft NW. of T-rd.; 25 ft NE. of rd.; on top of SE. end of bottom step to abandoned house; chiseled square 583.83

Orwigsburg, at W. edge of; 90 ft S. and 34 ft E. from fork of rd. NW.; 12 ft S. and 34 ft E. from center of culvert (with iron railing) over stream; 7 ft W. of E. end of S. headwall; in top of parapet; standard tablet stamped "TI 3 K 1942" 578.866

Reference mark; 77 ft NW. of tablet; 22 ft NW. of rd.; on top of SW. corner of culvert; chiseled square 579.08

1942

LINE 9 (Cont'd.)Feet

U.E., Orwigsburg, about 1 mi W. of W. edge; 0.31 mi W. of orphans home; 17 ft S. of rd.; on top of W. side of bottom cement step; chiseled square	617.31
Orwigsburg, about 1.5 mi W. of; 2.5 mi E. of Schuylkill Haven, along U. S. Highway 122; 360 ft W. of crossroads; 24 ft N. of hwy.; in NW. wingwall of bridge over stream; standard tablet stamped "TT 4 K 1942"	537.566
Reference mark; 47 ft W. of tablet; 24 ft W. of hwy.; on S. abutment of bridge; chiseled square	537.59
"P 42 1934" (NGS)	501.518

LINE 10.

R. E. Wells, 1942; Book B 9549

U.E., Orwigsburg, 1.0 mi NE. of, along blacktop rd.; 170 ft SW. of wooden bridge; 39 ft SE. of rd.; on top at NW. end of bottom step of house; chiseled square	659.07
Orwigsburg, 2.1 mi NE. of; 2.8 mi W. of McKeansburg; 490 ft E. of crossroads; 12 ft N. of rd.; in E. abutment of bridge; standard tablet stamped "L 3 WE 1942"	614.461
Reference mark; 30 ft S. of tablet; 12 ft S. of rd.; on N. abutment of bridge; chiseled square	614.30
U.E., McKeansburg, 1.8 mi SW. of; 20 ft E. of rd. fork; 12 ft N. of rd.; on E. end of rock culvert; chiseled square	640.93
McKeansburg, 1.4 mi SW. of; 340 ft NE. of crossroads; 480 ft SW. of rd. fork; 15 ft SE. of rd.; in SW. abutment of bridge; PDH standard disk stamped "L 4 WE 1942"	676.311
Reference mark; 43 ft N. of tablet; 15 ft NW. of rd.; on NE. abutment of bridge; chiseled square	677.48
U.E., McKeansburg, 0.3 mi W. of; 15 ft N. of rd.; 3 ft E. of 14-in. maple tree 15 ft S. of house; on large boulder; chiseled square	728.20
U.E., McKeansburg, 0.7 mi E. of; about 425 ft E. of service station; 15 ft S. of rd.; on W. end of culvert; chiseled square	666.28

LINE 11.

R. E. Wells, 1942; Book B 9549

"RV 109" (NGS)	332.033
Berne, 1.5 mi W. of; about 2 mi E. of St. Michael's Church; 170 ft NW. of junction of rd. SW.; 25 ft W. of twp. rd.; 2 ft SW. of fence corner; about 4 ft higher than rd.; in concrete post; standard tablet stamped "TT 15 K 1942"	559.294

LINE 11 (Cont'd.)Feet

U.E., Berne, 2.7 mi W. of; 0.6 mi E. of St. Michael's Church; 31 ft NW. of rd. fork; in front of house; on E. corner of concrete floor of water pump; chiseled square	481.47
Shartlesville, 3.5 mi E. of; 0.8 mi S. of U. S. Highway 22; at St. Michael's Church; 6.5 ft N. of side wall of church; at midpoint near W. edge of concrete sill of cellar door; standard tablet stamped "TI 12 K 1942"	514.813
Reference mark; 125 ft W. of tablet; 24 ft SE. of rd.; on top of W. corner of rock wall of church; chiseled square	510.82
U.E., Shartlesville, 2.5 mi E. of, along U. S. Highway 22 and blacktop rd.; 25 ft NW. of rd. fork; on top of rock culvert; chiseled square	501.54
Shartlesville, 1.1 mi E. of, along Centerport Road; 0.3 mi E. along twp. rd. from Y-junction of U. S. Highway 22; 13 ft S. and 37 ft W. from junction of twp. rd. S.; in concrete post; standard tablet stamped "TI 11 K 1942"	580.604
U.E., Shartlesville; in front of schoolhouse; 38 ft S. of hwy.; on E. end of bottom step; chiseled square	607.55
Shartlesville; 0.13 mi W. of crossroads; 22 ft S. of U. S. Highway 22; 5.5 ft SW. of cast-iron signpost painted blue and bearing name of village; 6 ft E. of W. end of concrete slab; 2 ft S. of N. edge of abandoned rd. bed; standard tablet stamped "TI 10 K 1942"	580.309
Reference mark; 190 ft W. of tablet; 33 ft N. of rd.; on rock; chiseled square	587.98
Shartlesville Hotel, 1.0 mi W. of; 17 ft S. of hwy.; on top of W. abutment of bridge; PDH standard disk not stamped	575.050
Shartlesville; 1.5 mi SW. of hotel; 12 ft S. of hwy.; in W. abutment of bridge; PDH standard disk not stamped	548.451
Shartlesville, 2.4 mi SW. of, along U. S. Highway 22; 1.4 mi NE. of Strausstown; 22 ft S. and 8 ft W. from crossroads; in line with S. edge of pavement extending SW.; in NE. corner of concrete inlet; standard tablet stamped "TI 13 K 1942"	562.532
Reference mark; 36 ft N. of tablet; 15 ft N. of rd.; on top of W. end of culvert; chiseled square	563.62
Shartlesville, 3.3 mi SW. of; 15 ft S. of hwy.; in W. abutment of bridge; PDH standard disk not stamped	548.268

LINE 12.

R. E. Wells, 1942; Book B 9549

U.E., Shartlesville, 1.0 mi along U. S. Highway 22 W., thence 1.1 mi along dirt rd. N.; at fork of rd. to fireplace; 14 ft E. of rd.; on rock; chiseled square	691.35
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LINE 12 (Cont'd.)Feet

Shartlesville, 1.5 mi NW. of; about 200 ft E. of log cabin on State Game Refuge; 28 ft N. and 5 ft W. from fork of rd. SE.; 14 ft W. of rd.; in rock outcrop; standard tablet stamped "TI 9 K 1942"	806.291
Reference mark; 80 ft N. of tablet; 7 ft W. of rd.; on rock; chiseled square	809.91
U.E., Shartlesville, 2.6 mi N. of, along dirt rd.; 0.9 mi S. of top of Blue Mountain; 8 ft E. of rd.; on rock over pipe culvert; chiseled square	1127.19
Shartlesville, 3.5 mi N. of; near Berks-Schuylkill County line, on top of Blue Mountain; 326 ft S. of office and tool shed; 12 ft E. of rd.; in W. edge of concrete slab about 7 ft square on top of well; flush with surface; standard tablet stamped "TI 8 K 1942"	1412.034
Reference mark; 340 ft N. of tablet; 14 ft NE. of crossroads; 4 in. N. of gate; on rock; chiseled square	1419.73
U.E., Jefferson; 1.6 mi S. of RR. overpass; 3 ft NE. of wooded trail; on rock; chiseled cross	951.86
U.E., Jefferson; 0.2 mi S. along dirt rd. from RR. overpass; 14 ft NE. of rd.; on rock; chiseled square	570.48
"UJ 42 1934" (NGS)	558.979

LINE 13.

R. E. Wells, 1942; Book B 9549	
U.E., Shartlesville; 1.0 mi NE. of hotel; at fork of rd. NW.; 25 ft N. of rd.; 2 ft NW. of concrete culvert; on rock; chiseled square	659.02
Shartlesville; 1.9 mi NE. to rd. fork, thence 180 ft along dirt rd. SW. to bridge; 11 ft NW. of rd.; in NE. end of bridge headwall; standard tablet stamped "L 5 WE 1942"	554.900
Reference mark; 33 ft SW. of tablet; 90 ft NW. of rd.; on SW. end of headwall; chiseled square	554.83
U.E., Shartlesville, 3.2 mi NE. of; at drain crossing; 14 ft SE. of rd.; on NE. end of rock culvert; chiseled square	537.05
Shartlesville, 4.2 mi NE. of; 33 ft E. of fork of rd. SE.; 22 ft NE. of dirt rd.; 12 ft NE. of fenceline; in rock; standard tablet stamped "L 6 WE 1942"	567.816
U.E., Shartlesville, 5.2 mi NE. of; 14 ft SE. of rd.; on rock over drain crossing; chiseled square	537.44
Shartlesville, 6.2 mi NE. of; 320 ft W. of large barn; 38 ft N. of fenceline; 40 ft S. of main rd.; 15 ft SE. of 24-in. oak tree; at center of grass plot; in concrete post; standard tablet stamped "L 7 WE 1942"	485.523
Reference mark; 56 ft N. of tablet; 16 ft N. of rd.; on top of E. side of rock culvert; chiseled square	486.65
"UH 44 1934" (NGS)	392.312

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LINE 14.

Feet

R. E. Wells, 1942; Book B 9549

"R 42 1934" (NGS) 473.782

U.E., Auburn; 1.2 mi NE. of hwy. underpass; 19 ft NW. of concrete rd.; on SW. end of culvert; chiseled square 484.44

Auburn, 2.4 mi NE. of, along concrete rd.; 250 ft SE. of rd. junction; 24 ft SW. of U. S. Highway 122; in SE. abutment of bridge; PDH standard disk stamped "L 1 1942" 479.790

Reference mark; 47 ft SW. of tablet; 25 ft SW. of hwy.; on SE. abutment of bridge; chiseled square 480.49

U.E., Auburn; 2.3 mi along concrete rd. NE., thence 0.7 mi SE. along U. S. Highway 122; at crossroads; 300 ft SE. of stone house; 59 ft NE. of hwy.; on top of SE. end of culvert; chiseled square 652.76

U.E., Auburn, 2.3 mi NE. of, thence 1.6 mi SE.; 68 ft NE. of intersection of Highways 122 and 895; on W. end of culvert; chiseled square 466.49

Auburn, 2.3 mi along concrete rd. NE. of, thence 1.6 mi along U. S. Highway 122 SE., thence 1.2 mi along Highway 895 (blacktop) NE.; 1.5 mi S. of Drehersville; 70 ft SW. of rd. junction; 15 ft SE. of rd.; in SW. abutment of bridge; PDH standard disk stamped "L 2 WE 1942" 479.467

Reference mark; 48 ft N. of tablet; 16 ft NW. of rd.; on top of NE. abutment of bridge; chiseled square 480.41

Drehersville, 0.8 mi S. of, along blacktop rd.; 14 ft E. of rd.; in S. end of bridge abutment; PDH standard disk not stamped 489.84

"T 44 1934" (NGS) 490.704

LINE 15.

E. O. Miner, 1954; Book AV 388

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