

THIRD-ORDER HORIZONTAL CONTROL  
NORTH AMERICAN DATUM OF 1927

40-075-42  
ALBURTIS QUADRANGLE  
94 PENNSYLVANIA  
N4030-W7530/15  
DIAGRAM NK 18-11  
NEWARK

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Berks, Lehigh, Northampton  
and Carbon Counties

Only the permanent marks are  
listed for lines run more  
than 25 years before edition  
date and are not shown on  
sketch

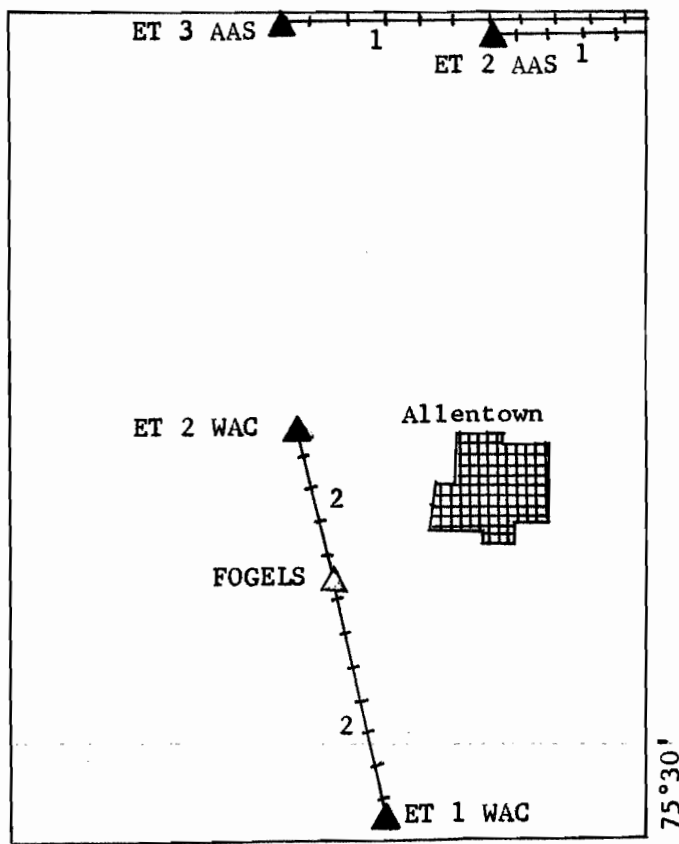
Final adjustment of 1975

Edition of 2/12/75

PR: GWK/sws

Plane coordinates are based on  
Lambert projection, Pennsylvania,  
South Zone

LEHIGHTON  
(117)



HAMBURG  
(95)

ALLENTOWN  
(93)

X = 2,556,163  
Y = 431,293

BOYERTOWN  
(71)

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.

94 PENNSYLVANIA  
ALBURTIS QUADRANGLE

40-075-42  
N4030-W7530/15

INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>	<u>LINE NO.</u>
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ET 3 AAS 1959	4	1
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 <u>PDH</u>		
PHD ELEV 11 E 179	3	
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G 190 1942	3	
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STATION	DESCRIPTION	LATITUDE	LONGITUDE
PLANE COORDINATES, FEET		° ' "	° ' "

Obsolete control established more than 25 years prior to edition date. To be used only to locate permanent marks in the field.

By G. D. Forney, 1946; Book H 292

Kutztown Post Office, NE. along U.S. Highway 222 to Willow Street, thence 1.7 mi SE. to Y-rd., thence left 0.1 mi to lane NE., thence 120 ft along lane to station; on fenceline at NW. side of lane; in concrete post; standard tablet stamped "TT 8 GDF 1946"

X = 2,556,642      Y = 437,773      40 31 03.91      75 44 51.90

Monterey, 0.6 mi SW. of, along U.S. Highway 222; 180 ft N. of hwy.; 22 ft E. of centerline of N.-S. macadam hwy.; 4 ft SE. of powerline pole; 2 ft N. of wire fence; 3 ft above finished surface of hwy.; in concrete flush with ground; standard tablet stamped "C 1 1936 520"

X = 2,559,770      Y = 444,685      40 32 11.49      75 44 09.36

New Smithville, along U.S. Highway 22; 300 ft W. of hwy. intersection; in top of wingwall at NE. corner of hwy. bridge over Mill Creek; Pennsylvania Department of Highways standard disk stamped "PHD ELEV 11 E 179"

X = 2,561,051      Y = 460,436      40 34 46.81      75 43 48.11

Seiberlingville, 0.2 mi NE. of crossroads; on E. side of improved hwy.; at St. Paulus Kirche 1857; on S. side of front entrance; in W. face of concrete base of chimney; standard tablet stamped "C 2 1936 814" (Reported not found, 1954)

X = 2,559,489      Y = 472,395      40 36 45.31      75 44 04.81

New Tripoli, 0.5 mi E. of; at intersection of U. S. Highway 309 and State Highway 143; near N. point of triangle formed by intersection: 66 ft W. of centerline of Highway 309; 11 ft N. of center of Highway 143; in S. corner of arch culvert; NGS standard disk stamped "G 190 RESET 1977"

#### HORIZONTAL POSITION LOST

New Tripoli, 0.5 mi E. of, along State Highway 143 to junction with State Highway 29, thence 2.0 mi NW. along Highway 29 to crossroad, thence 2.0 mi NE. to rd. N.; 35 ft N. and 11 ft E. of centerline of macadam rd. at middle of rd. approach; on edge of E. side of approach; in concrete post; standard tablet stamped "TT 9 GDF 1946"

X = 2,558,637      Y = 513,764      40 43 34.19      75 44 03.61

Germansville, 3.5 mi NW. along county rd. from post office; in boulder at intersection of rds. (one leading SW. to State Highway 29, one leading SE. to Jordan Valley, and the other leading to mountain); 16 ft NW. of SW.-NE. rd. and about 3 ft above ground; NGS standard disk stamped "Q 191 1942"

X = 2,559,332      Y = 518,436      40 44 20.19      75 43 53.20

94 PENNSYLVANIA  
ALBURTIS QUADRANGLE

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

OBSOLETE MARKS (Cont'd.)

Germans, 2.5 mi SW. of, along county rd. from station; at summit of Blue Mountain; 190 ft NW. of Appalachian Trail; 37 ft SW. of centerline of main rd.; 1 ft NE. of white marker post; in concrete post; NGS standard disk stamped "P 191 1942"

X = 2,557,163      Y = 520,465      40 44 40.73      75 44 20.77

LINE 1.

By A. A. Shands, 1959; Book AH 592

Treichlers, 0.2 mi SW. of post office, thence 1.2 mi NW. along macadam rd. to top of ridge; 15 ft N. and 5 ft E. of centerline of rd. opposite wooded fenceline NNE.; 8 ft SSW. of 8-in. wild cherry tree; in concrete post; standard tablet stamped "ET 2 AAS 1959"

X = 2,606,923      Y = 521,960      40 44 43.80      75 33 34.01

Centerline of rd. opposite  
wooded fenceline N.

X = 2,606,924      Y = 521,941      40 44 43.61      75 33 34.01

"ET 3 AAS 1959" (Destroyed, 1978)

X = 2,582,795      Y = 522,506      40 44 54.99      75 38 47.23

S-4A. Centerline of field rd.  
S. at offset crossroads

X = 2,582,788      Y = 522,487      40 44 54.80      75 38 47.32

LINE 2.

By W. A. Couse, 1963; Book AH 810

NGS standard traverse station disk stamped "FOGELS 1960"

X = 2,590,404.16      Y = 461,151.86      40 34 47.079      75 37 27.579

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

LINE 2 (Cont'd.)

Alburtis, 1.0 mi W. of main RR. crossing and State Highway 100, along rd. N. of RR. crossing and parallel with tracks to T-rd. left (S), thence 0.2 mi left to field rd. left, thence left along W. and S. edge of field to highest part of field; 19 ft N. of fenceline; in drilled rock level with ground; standard tablet stamped "ET 1 WAC 1963"

X = 2,593,510	Y = 432,489	40	30	03.18	75	36	56.32
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PP 1. T-fence corner

X = 2,593,592	Y = 432,546	40	30	03.72	75	36	55.24
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PP 2. Centerline of rd. at T-rd. S.

X = 2,592,606	Y = 433,928	40	30	17.61	75	37	07.57
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Fogelsville, 3.1 mi N. of junction of U.S. Highway 22 and State Highway 100 underpass, along Highway 100 to crossroad, thence 1.0 mi right (SE.) to group of grain elevators (James H. DeLong, Inc.); in top of elevator at top of stairs; standard tablet stamped "ET 2 WAC 1963"

X = 2,585,784	Y = 475,972	40	37	14.58	75	38	22.85
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PP 2. Centerline of rd. at T-rd. S.

X = 2,586,548	Y = 475,962	40	37	14.30	75	38	12.95
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PP 1. Centerline of rd. at sidewalk S.

X = 2,587,839	Y = 476,407	40	37	18.39	75	37	56.07
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94 PENNSYLVANIA  
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MAP CONTROL  
NOT FOR REPRODUCTION

40-075-42  
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SUPPLEMENTAL

By W. A. Couse, 1963; Book AH 810

NGS standard triangulation station disk stamped "DORNEY 1960"

Pa. S.) X = 2,620,085.85 Y = 457,663.12 40 34 05.378 75 31 04.168

C-4=PP 1. Centerline of rd. at  
fenceline S.

X = 2,622,310 Y = 436,665 40 30 37.39 75 30 42.25

C-4=PP 2. Centerline of rd. at T-rd.

X = 2,621,937 Y = 436,767 40 30 38.49 75 30 47.05

PP 1. Centerline of rd.  
at T-rd. W.

X = 2,556,996 Y = 434,364 40 30 30.15 75 44 48.31

PP 2. Centerline of drive  
at rd. E.

X = 2,557,116 Y = 434,031 40 30 26.83 75 44 46.86

MAP CONTROL  
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