

PUBLICATION COPY

THIRD-ORDER HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

40-075-31
BOYERTOWN QUADRANGLE
71 PENNSYLVANIA
N4015-W7530/15
DIAGRAM NK 18-11
NEWARK

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Berks, Lehigh and Montgomery Counties

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

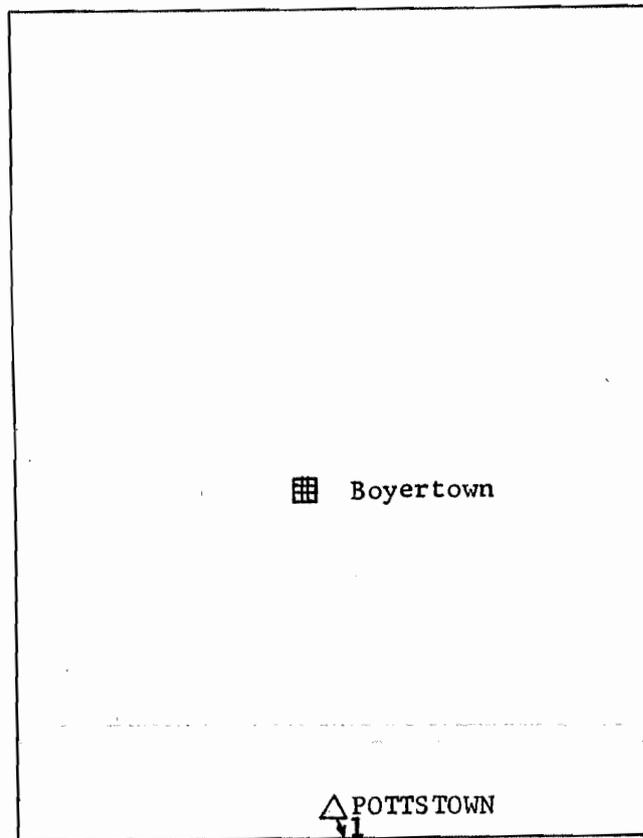
Final adjustment of 1975

Edition of 2/11/75

PR; GWK/sws

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

ALBURTIS
(94)



READING
(72)

QUAKERTOWN
(70)

X = 2,558,225
Y = 340,244

PHOENIXVILLE
(48)

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.

71 PENNSYLVANIA
BOYERTOWN QUADRANGLE

40-075-31
N4015-W7530/15

INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>	<u>LINE NO.</u>	<u>STA. NO.</u>
32 EOM 1946 889	3		
33 EOM 1946 412	3		
<u>NGS</u>			
R 181 1942	3		
S 181 1942	3		
POTTSTOWN 1942	3	1	200

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 H292

Pleasantville, about 2.4 mi S. along surfaced rd. from Manatawny Post Office; 45 ft NW. of NW. corner of Stapleton's General Store; 30.5 ft SE. of SE. corner of large house; 21.5 ft W. of centerline of main rd.; 30.5 ft N. of centerline of side rd. running W.; 1.3 ft E. of white post stenciled "U S B M"; in concrete post; NGS standard disk stamped "S 181 1942" (Reported destroyed, 1957)

X = 2,557,425 Y = 377,624 40 21 09.49 75 44 59.40

Pleasantville, about 1.3 mi S. along surfaced rd. from Manatawny Post Office; at junction of side rd.; about 160 ft NE. of brick house; 21.5 ft E. of centerline of main rd.; 1.5 ft W. of white post stenciled "U S B M"; at SW. corner of field along fenceline; in concrete post; NGS standard disk stamped "R 181 1942"

X = 2,558,969 Y = 383,406 40 22 06.26 75 44 37.76

New Jerusalem, 2.7 mi S. of, along macadam rd. towards Lobachsville; 40 ft NE. of crossroads; 3 ft NE. of pole; in concrete post; standard tablet stamped "33 EOM 1946 412"

X = 2,559,085 Y = 400,512 40 24 55.24 75 44 31.24

New Jerusalem, 0.7 mi S. of, along macadam rd. toward Lobachsville; 55 ft S. of Y-intersection with unimproved rd.; 29 ft E. of center of macadam rd.; in concrete post; standard tablet stamped "32 EOM 1946 889"

X = 2,557,201 Y = 408,998 40 26 19.50 75 44 53.11

LINE 1.

By T. W. Cayce, 1954; Book AH 340

200. NGS standard triangulation station disk stamped "POTTSTOWN 1942"

X = 2,589,640.16 Y = 341,087.42 40 15 01.103 75 38 14.698

203a. Cross-streets (Beech and Grant Sts.)

X = 2,590,012 Y = 340,160 40 14 51.85 75 38 10.19