

PUBLICATION COPY

THIRD-ORDER HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

40-075-34
READING QUADRANGLE
72 PENNSYLVANIA
N4015-W7545/15
DIAGRAM NK 18-11
NEWARK

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Berks County

Final adjustment of 1975

Edition of 2/11/75

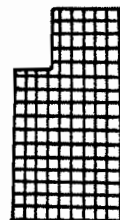
PR: GWK/sws

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

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

HAMBURG
(95)

WERNERSVILLE
(73)



Reading

BOYERTOWN
(71)

X = 2,488,457
Y = 338,763

40°15'

75°45'

HONEY BROOK
(49)

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.

INDEX OF PERMANENT MARKS

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

~~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

Moselem Springs, 0.7 mi NE. of crossroads, along U.S. Highway 222; 35 ft S. and 35 ft E. of T-rd. N.; in NW. corner of concrete well; about 6 ft higher than rd.; standard tablet stamped "TT 5 GDF 1946"

X = 2,534,737 Y = 427,145 40 29 23.72 75 49 38.46

Moselem Springs, 1.4 mi NE. of crossroads, along U.S. Highway 222; at offset crossroads; in SE. corner of concrete porch floor; standard tablet stamped "372"

X = 2,537,816 Y = 428,819 40 29 39.59 75 48 58.14

Mohnton, 90 ft NE. of intersection of streetcar tracks and South Church Street; 3 ft NW. of NW. rail; in top of concrete retaining wall; standard tablet stamped "17 EOM 1946 400"

X = 2,492,935 Y = 351,232 40 17 02.32 75 58 59.04

Westlawn, on overpass, (Reading Co. RR. over Woodside Avenue); on top of NW. abutment; standard tablet stamped "11 EOM 1946 342"

X = 2,489,448 Y = 366,596 40 19 34.81 75 59 40.08

Van Reeds' Mill, 60 ft NW. of NW. corner of mill; on top of NW. corner post of concrete bridge; standard tablet stamped "12 EOM 1946 234"

X = 2,489,110 Y = 380,959 40 21 56.79 75 59 40.76

Epler's Church, about 0.2 mi W. of; 50 ft NE. of Y-intersection of macadam rds.; 10 ft SW. of small stream; in concrete post; standard tablet stamped "13 EOM 1946 390"

X = 2,490,818 Y = 392,559 40 23 51.06 75 59 15.71

"15 EOM 1946 468" (Destroyed, 1955)

X = 2,487,165 Y = 416,415 40 27 47.48 75 59 56.80

Douglassville, 1.6 mi W. of, along U.S. Highway 422; at T-intersection with unimproved rd. toward Weavertown; 16 ft S. of edge of pavement; 7 ft N. of telephone pole; in concrete post; standard tablet stamped "23 EOM 1946 199"

X = 2,556,597 Y = 345,900 40 15 56.24 75 45 19.35

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

OBSOLETE MARKS (Cont'd.)

Weavertown, 1.3 mi S. of, along unimproved rd. toward Monocacy Hill; in SE. corner of bridge floor; standard tablet stamped "22 EOM 1946 230"

X = 2,556,894 Y = 353,763 40 17 13.86 75 45 13.22

Yellow House, 85 ft NE. of large stone house; 83 ft W. of centerline of State Highway 662; 22 ft N. of centerline of State Highway 562; 1.4 ft S. of white post stenciled "U S B M"; in concrete post; NGS standard disk stamped "U 181 1942"

X = 2,556,086 Y = 366,914 40 19 23.97 75 45 19.81

Yellow House, about 1 mi N. along surfaced rd. from post office; 84 ft S. of 10-in. ash tree with triangle blaze; 22.5 ft E. of centerline of main rd.; 2.5 ft NE. of fence corner; 1 ft W. of white post stenciled "U S B M"; in concrete post; NGS standard disk stamped "T 181 1942"

X = 2,556,381 Y = 371,605 40 20 10.25 75 45 14.64

Pleasantville, 1.5 mi NW. of, along State Highway 73; 60 ft SW. of macadam crossroads; in concrete post; standard tablet stamped "34 EOM 1946 381"

X = 2,556,811 Y = 393,224 40 23 43.75 75 45 02.76

Dryville, at S. end of village; 35 ft NW. of Y-intersection with macadam rd. toward Pricetown; in concrete post; standard tablet stamped "31 EOM 1946 751" (Reported not found, 1956)

X = 2,556,274 Y = 417,901 40 27 47.67 75 45 02.48

Blandon, 2.0 mi SE. of, along macadam rd. towards Oley; at Kurtyka's Hotel; 170 ft S. of crossroads; 20 ft SE. of large barn; 15 ft W. of center of macadam rd.; in concrete post; standard tablet stamped "28 EOM 1946 776"

X = 2,525,230 Y = 400,879 40 25 06.24 75 51 48.74

Kutztown, about 7.0 mi SW. of, along U.S. Highway 222; at crossing of macadam rd. between Molltown and Walnuttown; 45 ft N. of crossroads; in concrete post; standard tablet stamped "29 EOM 1946 374"

X = 2,523,764 Y = 418,283 40 27 58.50 75 52 02.89

Molltown, 1.2 mi NE. of, along macadam rd.; on top of concrete wall extending S. from SW. corner of St. Peters School; standard tablet stamped "30 EOM 1946 541"

X = 2,522,385 Y = 428,198 40 29 36.75 75 52 18.00

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

OBSOLETE MARKS (Cont'd.)

Reading, about 4.0 mi NE. of, along concrete rd. toward Pricetown; at Webers Hotel; 45 ft SW. of four-way rd. intersection; 9 ft S. of concrete headwall of culvert; in concrete post; standard tablet stamped "27 EOM 1946 913"

X = 2,526,068 Y = 393,999 40 23 58.09 75 51 39.80

Stony Creek Mills, 1.1 mi NW. of, along macadam rd. to macadam T-rd., thence 1.4 mi NE.; 85 ft S. of T-rd. intersection; 18 ft E. of center of rd.; on top of 4- by 5- by 9-ft boulder; standard tablet stamped "26 EOM 1946 836"

X = 2,524,897 Y = 387,099 40 22 50.17 75 51 56.84

Stony Creek Mills, on NW. corner of bridge over Antietam Creek; Pennsylvania Department of Highways standard disk stamped "421"

X = 2,523,850 Y = 375,849 40 20 59.24 75 52 13.46

Reading, about 2 mi E. of, along State Highway 562; on SE. abutment of concrete bridge over Antietam Creek; PDH standard disk stamped "308"

X = 2,523,128 Y = 368,183 40 19 43.65 75 52 24.89

Schuylkill River, in 3/8 in. hole; in capstone of downstream N. wingwall of Gibraltar Highway bridge over Schuylkill River; USED standard disk designated "NO 63"

X = 2,524,447 Y = 353,889 40 17 22.14 75 52 11.79

Gibraltar, 1.0 mi SW. of, along macadam rd. towards White Bear; on NW. abutment of steel bridge over Allegheny Creek; PDH standard disk stamped "238"

X = 2,521,691 Y = 348,463 40 16 29.11 75 52 48.83

Gibraltar, 3.0 mi S. of, along macadam rd. toward White Bear; 45 ft SE. of T-intersection with drive; 9 ft E. of fence corner; in concrete post; standard tablet stamped "19 EOM 1946 385"

X = 2,524,130 Y = 339,648 40 15 01.51 75 52 19.78

Birdsboro, on Reading Co. RR. near sign "Entering Birdsboro"; at SW. corner of city limits; about 3 rails N. of crossing of State Highway 82; at culvert; in top of E. concrete wingwall; NGS standard disk stamped "A 107 1935"

X = 2,540,309 Y = 341,618 40 15 17.52 75 48 50.62

72 PENNSYLVANIA
READING QUADRANGLE

40-075-34
6

STATION DESCRIPTION
 PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

OBSOLETE MARKS (Cont'd.)

Monocacy School, 5 ft from top of ramp down to basement gymnasium; NE. corner of W. ell of school building is 64.4 ft W., and NW. corner of E. ell of same building is E. of station; in 6-in. square concrete post on right bank of Schuylkill River; USED standard disk marked "57 1936"

X = 2,551,076

Y = 343,343

40 15 32.21

75 46 31.28