

THIRD-ORDER HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

OFFICE COPY HOLD

40-076-11
MAHANAY QUADRANGLE
119 PENNSYLVANIA
N4045-W7600-15
DIAGRAM NK 10-10
HARRISBURG

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Columbia, Luzerne and
Schuylkill Counties

Final adjustment of 1974

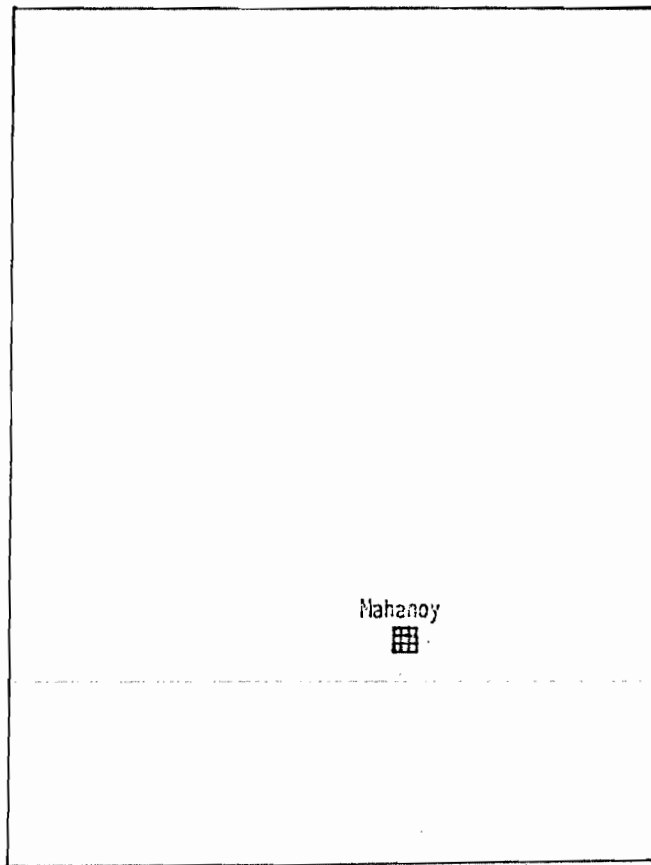
Edition of 7/25/74

PR: CMX /mjh

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

SHICKSHINNY
(143)



CATAWISSA
(120)

HAZLETON
(118)

Mahanoy
■

POTTSVILLE
(96)

40°45'

76000

X = 2,415,591
Y = 519,601

INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>
TT 18 K 1942	4
1 M 1942	4
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6 M 1942	4
TT 18 T 1942	3
TT 19 T 1942	3
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TT 24 T 1942	3
TT 25 T 1942	3
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 <u>PA. DEPT. OF HWYS.</u>	
NOT STAMPED	3
T.S. 53 15 K 1941	5
 <u>NGS</u>	
H 40 1934	4
C 42 1934	5
D 42 1934	4
O 45 1934	3

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.

C. A. Turner, 1942; Book D4590

Mountain Grove, in SE. corner of front yard of Mountain Grove School (abandoned), 22 ft N. and 62 ft W. from crossroads, in concrete post; standard tablet stamped "TT 18 T 1942"

X = 2,425,611 Y = 604,320 40 58 55.29 76 12 30.61

Mountain Grove, 2.1 mi SW. of, 3.7 mi NE. of Shumans post office, at Bilinsky candy store, on N. side of E.-W. rd., 7 ft W. and 19 ft N. from junction of rd. S., in large rock outcrop, 15 in. above ground; standard tablet stamped "TT 19 T 1942"

X = 2,414,864 Y = 599,264 40 58 07.17 76 14 51.83

Shumans post office, 4 mi SE. of, 8.05 mi N. of Ringtown, on State Highway 44, 23 ft S. and 35 ft W. from junction of rd. S., in front yard of Davis Chapel, 4.3 ft E. of the NE. corner of chapel, in concrete post; standard tablet stamped "TT 22 T 1942"

X = 2,417,152 Y = 585,669 40 55 52.47 76 14 25.04

Raricks, about 80 ft SE. of the SE. corner of Reading Co. railway station, 10 ft S. of pole 127-32, 40 ft S. of the S. rail, in concrete post projecting about 14 in. above ground; NGS standard disk stamped "Q 45 1934"

X = 2,412,662 Y = 574,482 40 54 02.70 76 14 00.86

Zion Grove, 0.8 mi W. of, 3.6 mi N. of Ringtown, 32 ft S. and 30 ft W. from crossroads, 5.5 ft N. and 3 ft W. from high-tension line pole marked "F.P. & L. Co. 12754", in concrete post; standard tablet stamped "TT 24 T 1942"

X = 2,421,656 Y = 574,470 40 54 01.07 76 13 28.69

Zion Grove, 1.6 mi S. of, 2 mi N. of Ringtown, in SE. corner of large triangle of rd. forks, on property of Shenandoah Hunting Club, 33 ft W. of main rd. and 25 ft E. of dirt rd., in concrete post; standard tablet stamped "TT 25 T 1942" (Not found, 1955)

X = 2,419,401 Y = 567,632 40 52 53.89 76 13 59.79

Ringtown, 20 ft N. and 33 ft W. from junction of State Route 52 (L.R. 53068) N. with State Route (L.R. 53067) E.-W., in concrete landing in front of Kleckners' Lunch Room; P.D.H. tablet unstamped

X = 2,420,275 Y = 559,339 40 51 31.81 76 13 50.26

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

OBsolete MARKS (Cont'd.)

Mahanoy City, 2.7 mi NE. of, along rd. to Delano, 100 ft SW. of Y-rd. fork, 50 ft S. of highway, 10 ft N. of dirt rd., in SE. corner of a 35- by 40-ft concrete foundation; standard tablet stamped "6 M 1942"

X = 2,456,031 Y = 549,023 40 49 43.56 76 06 07.52

Mahanoy City, about 0.4 mi E. of Reading Co. railway station, at bridge 108/69, in NW. wingwall, 9 ft W. of the centerline of the southbound track; about level with the top of the rail; NGS standard disk stamped "H 40 1934"

X = 2,447,243 Y = 543,742 40 48 52.99 76 08 03.08

Mahanoy City, 2.4 mi SE. of, 125 ft SW. of Y-rd. fork, 65 ft SW. of catch basin, 35 ft NW. of rd., in boulder; standard tablet stamped "1 M 1942"

X = 2,450,097 Y = 536,176 40 47 37.72 76 07 27.77

Mahanoy City, 4.6 mi S. of, along St. Clair rd., 5.4 mi NE. of St. Clair, 270 ft NW. of junction of highway and dirt rd., 35 ft SE. of W. point of triangle, 3 ft SW. of dirt rd., flush with ground; in boulder; standard tablet stamped "3 M 1942"

X = 2,443,007 Y = 527,495 40 46 13.23 76 09 01.99

C. A. Turner, 1942; Book D4729

Cedar Grove School, 3.65 mi S. of, 2.6 mi NW. of Tomhicken, 15 ft N. and 34 ft W. from junction of rd. N. (Route 332) with E.-W. rd. (Legislative Route 40010), in concrete post; standard tablet stamped "II 29 I 1942"

X = 2,448,751 Y = 604,793 40 58 55.86 76 07 28.85

B. J. Keating, 1942; Book D4676

Frackville, 3 mi SE. of, near Wetherill Junction, 27 ft E. of centerline of Northbound lane of super highway, 29 ft N. and 57 ft W. from S. abutment of abandoned RR. bridge, 4 ft W. of W. end of billboard about 2 ft above surface of rd., in concrete post; standard tablet stamped "II 19 K 1942"

X = 2,428,707 Y = 520,716 40 45 08.78 76 12 09.35

Frackville, 0.8 mi S. of the Pennsylvania Railroad Station, about 190 ft S. of the S. water stand, near a switch to the Gulf Refining Co. plant, 60 ft W. of the centerline of the southbound track, 12 ft N. of the property line of the Gulf Refining Co., 1 ft higher than top of rail, in concrete post; NGS standard disk stamped "D 42 1934"

X = 2,422,380 Y = 529,568 40 46 37.32 76 13 29.57

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

OBSOLETE MARKS (Cont'd.)

Frackville, 300 ft N. of the Pennsylvania Railroad Station, at bridge 9/61, in the E. end of the N. abutment, 10 ft E. of centerline of northbound track, 3 ft lower than top of rail, in concrete post; NGS standard disk stamped "C 42 1934"

X = 2,420,480 Y = 533,070 40 47 12.24 76 13 53.47

Giberton, at W. end of boro 44 ft S. and 694 ft W. from junction of State Route 142 (L.R. 161) South Street, and Route 142 (L.R. 290) E. with Route 345 (L.R. 161) W., 20 ft S. and 140 ft W. from NE. corner of frame house owned by J. O. Billus, in small rock outcrop; Pennsylvania Department of Highways tablet stamped "T.S. 53 15 K 1941"

X = 2,421,107 Y = 536,840 40 47 49.38 76 13 44.48