

THIRD-ORDER HORIZONTAL CONTROL  
NORTH AMERICAN DATUM OF 1927

40-075-41  
LEHIGHTON QUADRANGLE  
117 PENNSYLVANIA  
N4045-W7530/15  
DIAGRAM NK 18-11  
NEWARK

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Carbon, Lehigh, Monroe, and  
Northampton 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

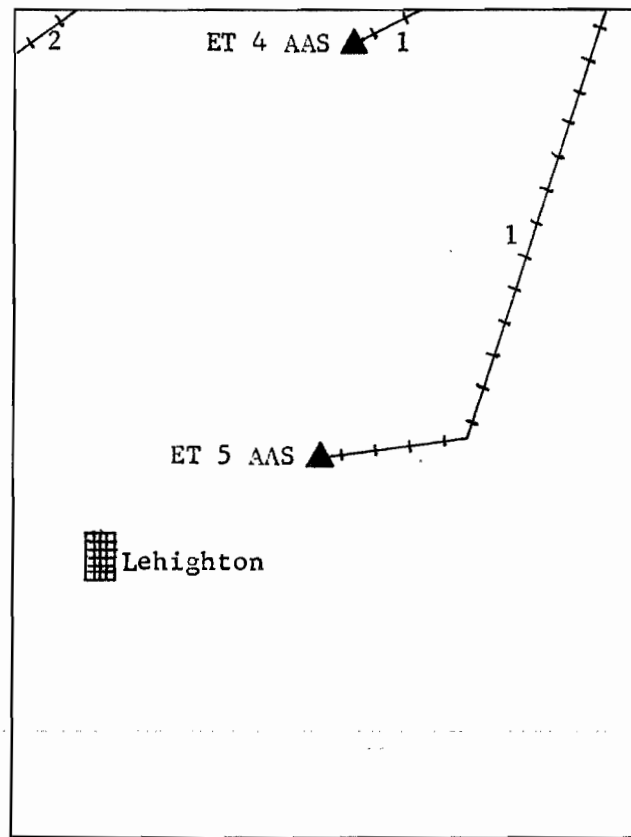
PR: GWK/sws

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

STODDARTSVILLE  
(141)

HAZLETON  
(118)

WIND GAP  
(116)



X = 2,554,100  
Y = 522,346

ALBURTIS  
(94)

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.

117 PENNSYLVANIA  
LEHIGHTON QUADRANGLE

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INDEX OF PERMANENT MARKS

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ET 4 AAS 1959	4	1	S-5B
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<u>NGS</u>			
A 48 1934	3		
C 48 1934	3		
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N 191 1942	3		
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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 C. A. Turner, 1942; Book D4729

Germans, 1.0 mi SW. of RR. station, along county rd.; near junction of Y-rd.; 14 ft NW. of centerline of rd.; 30 ft S. of E. corner of barn; 2 ft E. of barnlot fence; 27 ft NW. of forked walnut tree; in concrete post; NGS standard disk stamped "N 191 1942"

X = 2,554,376      Y = 524,777      40 45 23.95      75 44 55.70

Germans; 5 rails W. of rd. crossing, along Lehigh Valley Railroad; at bridge No. PO 119; 14 ft S. of, and 2.5 ft lower than S. rail of track; 7 ft N. of S. end of bridge seat; in S. corner of W. bridge seat; NGS standard disk stamped "L 192 1942" (Reported destroyed, 1957)

X = 2,556,286      Y = 528,616      40 46 01.45      75 44 29.76

Lehigh, 2.5 mi SW. of; at county school; in concrete platform at entrance; standard tablet stamped "TT 35 T 1942" (Reported destroyed, 1957)

X = 2,555,996      Y = 545,156      40 48 44.91      75 44 28.64

Packerton, 1.9 mi SW. of; 0.1 mi SW. of Lower Beaver Run School; 23 ft N. and 28 ft W. of junction of rd. W.; in concrete post; standard tablet stamped "TT 37 T 1942" (Reported not found, 1957)

X = 2,553,909      Y = 556,301      40 50 35.47      75 44 52.48

Packerton, 0.5 mi W. of; 1.3 mi E. of Lower Beaver Run School; 125 ft W. of cemetery; 98 ft WSW. of junction of Flagstaff-Beaver Run rd.; in W. angle of rd. junction; in concrete post; standard tablet stamped "TT 38 T 1942"

X = 2,560,427      Y = 560,170      40 51 12.22      75 43 26.54

Jim Thorpe (East Mauch Chunk); 120 ft S. of L.V. RR. station; opposite S. end of concrete platform; 35 ft E. of, and level with centerline of northbound track; in grassy plot; in concrete post; NGS standard disk stamped "A 48 1934"

X = 2,557,479      Y = 564,840      40 51 59.02      75 44 03.51

Penn Haven Junction, 3.9 mi S. of, along L.V. RR.; 78 ft N. of milepost 127; 11 ft E. of centerline of track; 1 ft lower than top of rail; in top of concrete retaining wall; NGS standard disk stamped "C 48 1934"

X = 2,554,244      Y = 578,062      40 54 10.37      75 44 41.70

Penn Haven Junction, 2.0 mi S. of, along L.V. RR.; 385 ft S. of milepost 129; 10 ft E. of centerline of track; 1.5 ft lower than top of rail; in base of signal standard; NGS standard disk stamped "D 48 1934" (Reported not found, 1957)

X = 2,555,148      Y = 584,124      40 55 10.05      75 44 28.13

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

OBSOLETE MARKS (Cont'd.)

Penn Haven Junction, 0.4 mi S. of, along L.V. RR.; 10 ft E. of centerline of northbound track; 1.0 ft lower than top of rail; in base of semaphore; NGS standard disk stamped "E 48 1934"

X = 2,554,287      Y = 591,568      40 56 23.77      75 44 37.14

Penn Haven Junction; at L. V. RR. bridge No. 130; 8 ft E. of centerline of track; 1.0 ft lower than top of rail; in E. end of S. bridge abutment; NGS standard disk stamped "F 48 1934"

X = 2,553,321      Y = 593,353      40 56 41.62      75 44 49.20

Penn Haven Junction, 2.7 mi NE. of, along L.V. RR.; about 0.6 mi N. of milepost 133; at 4-ft castiron pipe culvert; 10 ft E. of centerline of northbound track; 3 ft lower than top of rail; in top of S. end of E. culvert headwall; NGS standard disk stamped "G 48 1934" (Reported not found, 1959)

X = 2,565,546      Y = 595,857      40 57 03.59      75 42 09.19

Penn Haven Junction, about 4.0 mi NE. of, along L.V. RR.; 120 ft S. of milepost 135; 7 ft E. of centerline of northbound track; about level with top of rail; in base of signal 134.1; NGS standard disk stamped "H 48 1934"

X = 2,563,066      Y = 602,478      40 58 09.56      75 42 39.50

Penn Haven Junction, about 8.0 mi NE. of, along L.V. RR.; at Mud Run; 90 ft N. of milepost 139; 8 ft W. of centerline of track; 0.5 ft lower than top of rail; in S. end of W. coping of stone arch bridge; NGS standard disk stamped "K 48 1934"

X = 2,562,436      Y = 609,425      40 59 18.33      75 42 45.63

LINE 1.

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

S-5A. Centerline of rd. opposite clearing for gasline

X = 2,590,153      Y = 613,210      40 59 49.24      75 36 43.13

S-5B. Christmans, 2.3 mi NE. of Fort Union Hotel, along State Highway 903; 900 ft W. of clearing for gasline; 80 ft NE. of power pole No. 1038-H; 17 ft S. of centerline of hwy.; in center of L-shaped rock culvert; standard tablet stamped "ET 4 AAS 1959"

X = 2,589,375      Y = 612,915      40 59 46.51      75 36 53.37

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

LINE 1 (Cont'd.)

S-5 C. Small evergreen

X = 2,589,267      Y = 612,903      40 59 46.42      75 36 54.78

S-7A. Walcksville, 1.0 mi SE. of Union Sunday School Building; along macadam rd.,  
thence 1.2 mi ENE. along graveled rd.; 23 ft N. of centerline of rd.; 8 ft NE.  
of SE. corner of woods; in concrete post; standard tablet stamped "ET 5 AAS 1959"

X = 2,585,457      Y = 566,420      40 52 08.16      75 37 58.97

S-7B. Junction of T-rd. S.

X = 2,602,212      Y = 567,328      40 52 13.11      75 34 20.67

LINE 2.

By W. A. Couse, 1963; G. A. Harris 1964; Book AH 820

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