

THIRD-ORDER HORIZONTAL CONTROL  
NORTH AMERICAN DATUM OF 1927

41-076-11  
LE RAYSVILLE QUADRANGLE  
215 PA. - 59A N.Y.  
N4145-W7600/15  
DIAGRAM HK 18-7  
WILLIAMSPORT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Bradford and Susquehanna Counties, Pa.  
Tioga and Broome Counties, N.Y.

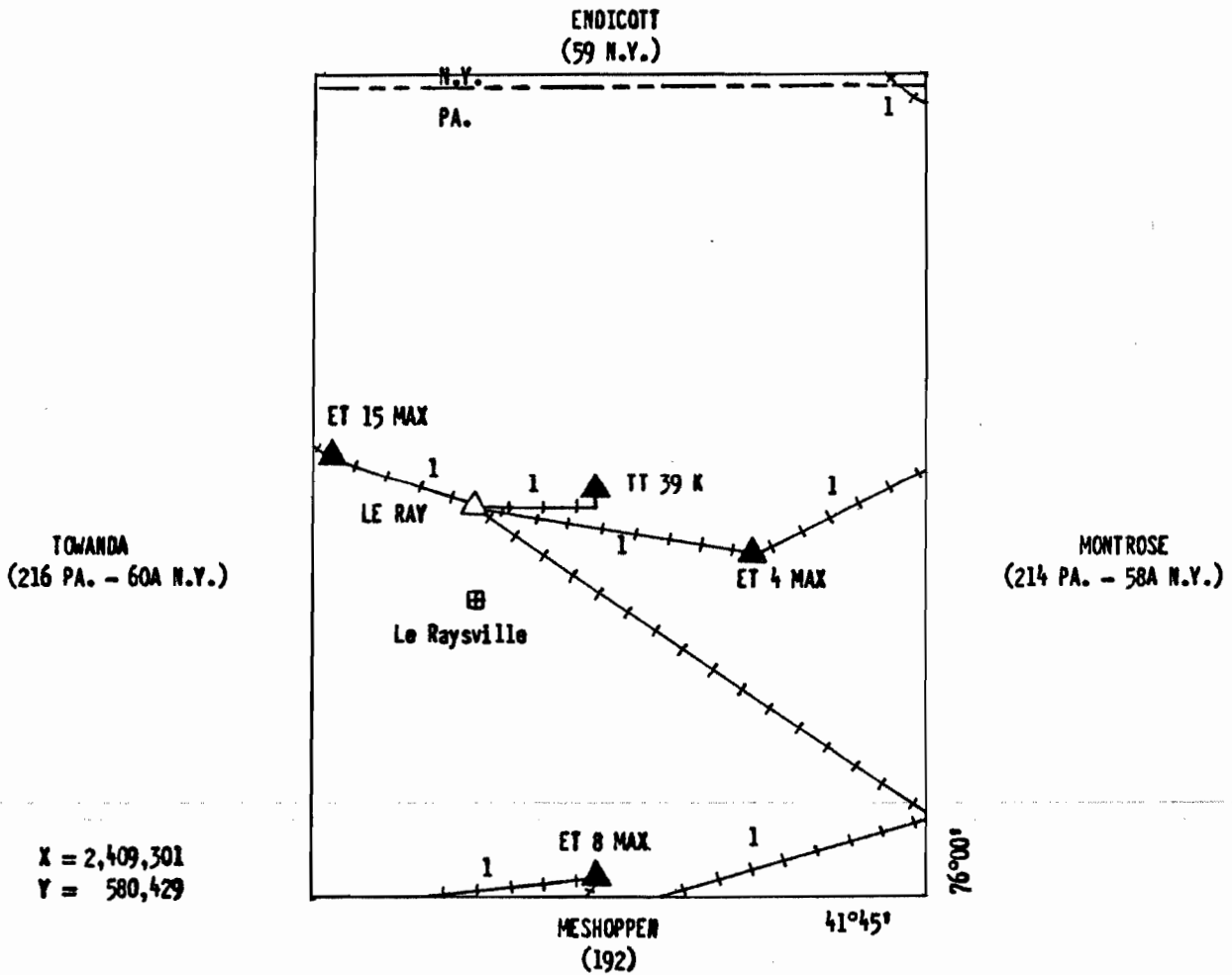
Final adjustment of 1974

Edition of 8/2/74

PR: GWK/mjh

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

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



INDEX OF PERMANENT MARKS

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PA. DEPT. OF HWYS.

NOT STAMPED	3	
NOT STAMPED	3	
NOT STAMPED	3	
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NOT STAMPED	3	
NOT STAMPED	3	
NOT STAMPED	4	
NOT STAMPED	4	
NOT STAMPED	5	
NOT STAMPED	6	

NGS

LE RAY 1934	7	1
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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.

C. B. Kendall, 1931; Book 059

Rush, at W. edge of town; 75 ft N. and 75 ft W. of Rush Schoolhouse; on S. edge of State Highway 106; 60 ft N. of centerline of rd.; in top of large boulder in pasture; standard tablet stamped "TT 5 K 1931"

X = 2,463,709	Y = 593,619	41 47 00.36	76 02 58.94
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Deer Lick Creek; in top of wingwall of SE. corner of concrete bridge; Pennsylvania Department of Highways standard disk not stamped

X = 2,461,283	Y = 589,949	41 46 24.58	76 03 31.90
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Birchardville, 1.7 mi NE. of; 70 ft S. of T-rd. E.; in top of wingwall at NE. corner of concrete bridge over small stream; PDH standard disk not stamped

X = 2,475,021	Y = 620,265	41 51 21.33	76 00 22.58
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Wyalusing Creek; in top of stringer at SE. corner of concrete bridge; (bridge plate marked "Route 316 Station 1069") PDH standard disk not stamped

X = 2,474,703	Y = 622,668	41 51 45.13	76 00 26.15
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Sawmill, 500 ft S. of; in top of wingwall at SW. corner of concrete bridge over small stream; PDH standard disk not stamped

X = 2,472,375	Y = 631,695	41 53 14.76	76 00 54.52
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Birchardville, 3.5 mi NE. of; 2.0 mi SW. of St. Joseph; 2.5 mi SE. of Friendsville; 340 ft SW. of intersection of State Highway 267 and Friendsville-Forest Lake rd.; in pasture field; 100 ft W. of centerline of Highway 267; in top of medium-sized sandstone boulder, 1.0 ft above ground; standard tablet stamped "TT 18 K 1931"

X = 2,474,522	Y = 636,030	41 53 57.15	76 00 24.99
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Schoolhouse, 400 ft S. of; in top of wingwall at NE. corner of concrete bridge over small stream; PDH standard disk not stamped

X = 2,475,659	Y = 659,950	41 57 53.19	76 00 03.56
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Choconut, 700 ft S. of hotel; in top of wingwall at NE. corner of concrete bridge over small creek; PDH standard disk not stamped

X = 2,475,419	Y = 664,319	41 58 36.39	76 00 05.57
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STATION	DESCRIPTION	LATITUDE	LONGITUDE
PLANE COORDINATES, FEET		° ' "	° ' "

OBSOLETE MARKS (Cont'd.)

Choconut, in SE. corner of T-rd. E.; in stone foundation to porch; in W. wall at corner entrance of old hotel of McCahill, 1.5 ft above ground; standard tablet stamped "TT 20 K 1931"

X = 2,475,523                      Y = 664,963                      41 58 42.73                      76 00 04.02

Rushville, about 1.0 mi SW. of; about 2.8 mi NE. of Stevensville; 50 ft N. of centerline of State Highway 106 at point about 450 ft E. of Pine Glen Church; point is opposite residence of Stanley Herman; in S. face at SW. corner of concrete foundation to Pine Glen Schoolhouse (now removed); standard tablet stamped "TT 27 K 1931" (Reported not found, 1967)

X = 2,441,542                      Y = 590,756                      41 46 36.27                      76 07 52.19

Ross Creek, in top of wingwall at SW. corner of concrete bridge; PDH standard disk not stamped

X = 2,439,056                      Y = 592,189                      41 46 50.89                      76 08 24.64

Stevensville, 115 ft W. of Presbyterian Church; 90 ft N., thence 35 ft E. of centerline of State Highway 106 at junction of T-rd. N. to Le Raysville; in top of rock outcrop at SW. corner of entrance platform to Stevensville Community Building (old school); standard tablet stamped "TT 28 K 1931"

X = 2,429,150                      Y = 584,555                      41 45 37.28                      76 10 37.20

Stevensville, 200 ft W. of school; in top of wingwall at SW. corner of concrete bridge over small stream; PDH standard disk not stamped

X = 2,428,400                      Y = 584,029                      41 45 32.21                      76 10 47.22

Herrickville, about 2.0 mi SE. of; 1.2 mi NW. of Stony Point School; on W. side of Cold Creek; 195 ft N. of centerline of Stony Point-Herrickville rd. at junction of rd. SW. toward Camptown; at NE. corner of old barn foundation; at old sawmill site; 25 ft NE. of E. end of stone wall, about 6 ft high; in top of sandstone boulder in place; standard tablet stamped "TT 30 K 1931"

X = 2,411,390                      Y = 591,675                      41 46 50.73                      76 14 29.87

Brushville, about 3.5 mi W. of; 1.2 mi NE. of Herrickville; 0.8 mi E. of Ellis Mill; 280 ft S. of centerline of Brushville-Herrickville public rd. at junction of public rd. NE. to Le Raysville; in pasture of Mr. J. W. Baldwin; 200 ft S. of his barn; in top of large sandstone boulder, 2.0 ft above ground; standard tablet stamped "TT 31 K 1931"

X = 2,409,990                      Y = 607,496                      41 49 27.25                      76 14 44.72

Wells Hollow, 208 ft NW. of; centerline of State Highway 467 at junction of NW.-SE. public rd.; near NW. corner in W. face of concrete porch at residence of Mr. Andrew Benjamin; standard tablet stamped "TT 32 K 1931" (Note: stamping has been covered and cannot be used) (Reported not found, 1966)

X = 2,409,755                      Y = 620,508                      41 51 35.82                      76 14 44.83

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

OBSOLETE MARKS (Cont'd.)

Wells Hollow, 300 ft E. of crossroads; in top of wingwall at SE. corner of concrete bridge over small stream; PDH standard disk not stamped

X = 2,410,155                      Y = 620,608                      41 51 36.74                      76 14 39.52

Pottersville, 1.2 mi N. of; about 600 ft W. of Cooks Pond; 160 ft NE. of junction of Pottersville-West Warren rd. and Ridge Road W. to Allis Hollow; in W. face at SW. corner of stone foundation of barn belonging to E. D. Manchester; standard tablet stamped "TT 33 K 1931"

X = 2,410,331                      Y = 633,723                      41 53 46.26                      76 14 34.18

Friendsville, 300 ft SE. of Catholic Church; 100 ft SE. of centerline of rd. at junction of I-rd. NE. to Choconut Lake; on S. edge of New Milford-Owego turnpike; in front of store of M. L. Fitzgerald; in top of NE. corner of concrete block, 3 ft high; standard tablet stamped "TT 37 K 1931"

X = 2,463,537                      Y = 642,256                      41 55 00.80                      76 02 48.59

Middletown Center, 220 ft E. of intersection of State Highways 858 (built) and 859 (proposed); 60 ft S. of centerline of Highway 859 (Middletown Center to Terrells Corners); in lot owned by Bruce Diamond; 200 ft E. of dwelling; in top of red sandstone boulder; standard tablet stamped "TT 38 K 1931" (Reported destroyed, 1966)

X = 2,452,040                      Y = 627,169                      41 52 33.99                      76 05 24.45

Warren Center, 3.0 mi SW. of; 1.0 mi SE. of West Warren; at junction of State Highway 838 and public rd. S. to South Warren; 30 ft W. of centerline of rd. S. and in line with centerline of State Highway 838 to E.; in pasture field; 2 ft W. of wire fence; on property of H. J. Whitaker; in top of granite post 12- by 12- by 48-in. (old tombstone purchased); standard tablet stamped "TT 34 K 1931" (Reported destroyed, 1966)

X = 2,412,356                      Y = 643,765                      41 55 25.10                      76 14 05.09

Warren Center, 400 ft W. of 90 degree bend in hwy. from E. to S.; 90 ft N. of centerline of State Highway 838; in S. face at SE. corner of stone foundation to entrance of Warren Center School, 1.0 ft above ground; standard tablet stamped "TT 35 K 1931" (Probably destroyed, 1956)

X = 2,425,766                      Y = 649,267                      41 56 17.10                      76 11 06.42

Warren Center, 3.5 mi N. of, thence 0.7 mi W.; 0.7 mi SE. of New York - Pennsylvania State line monument milestone No. 43; 140 ft S. of centerline of Montrose Owego turnpike at junction of I-rd. S. to Warren Center; in W. face of N. corner of stone foundation to farm residence of Roy Rawlins; standard tablet stamped "TT 36 K 1931" (Reported not found, 1967)

X = 2,422,496                      Y = 669,386                      41 59 36.40                      76 11 44.90

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

OBSOLETE MARKS (Cont'd.)

E. M. Thompson, 1942; Book D4280

Cadis, in NE. corner of concrete step to entrance to Cadis School; standard tablet stamped "TT 2 TH 1942"

X = 2,409,803	Y = 663,787	41 58 43.31	76 14 34.25
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Lawton, 2.5 mi SW. of, along State Highway 367; 110 ft SE. of centerline of State Highway 367 at crest of hill; in pasture field owned by John Logan; in large boulder; standard tablet stamped "TT 3 TH 1942"

X = 2,455,265	Y = 584,485	41 45 31.76	76 04 52.70
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Rushville, 2.1 mi N. of, along Keach Hill rd.; 0.3 mi S. of T-rd. W. to corner of stone house; 12 ft E. of centerline of rd.; in NW. corner of pasture field; in concrete post; standard tablet stamped "TT 4 TH 1942"

X = 2,442,601	Y = 603,309	41 48 40.07	76 07 35.11
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Prattville, in churchyard; 30 ft S. of entrance to church; 40 ft N. of centerline of rd.; in sandstone boulder flush with ground; standard tablet stamped "TT 5 TH 1942"

X = 2,440,727	Y = 616,207	41 50 47.82	76 07 56.67
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Neath, 2.0 mi N. of; 64 ft N. and 5 ft E. of centerline of crossroads; 3 ft S. of electric light pole; in concrete post; standard tablet stamped "TT 6 TH 1942"

X = 2,441,383	Y = 635,748	41 54 00.72	76 07 43.18
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Neath, 4.6 mi N. of; 2.8 mi E. of Warren Center; 0.2 mi N. of Lake of Meadows; at place locally known as Nixon; 43 ft S. and 10 ft W. of small grassy triangle at rd. forks; in concrete post; standard tablet stamped "TT 7 TH 1942"

X = 2,438,986	Y = 649,647	41 56 18.45	76 08 11.44
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Little Meadows, 1.4 mi SE. of, along State Highway 858; 79 ft N. and 28 ft W. of centerline of Highway 858 at junction of T-rd. SW. to Lake of Meadows; in NW. wingwall of concrete bridge over small stream; POH standard disk not stamped

X = 2,443,907	Y = 662,507	41 58 24.56	76 07 03.14
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STATION	DESCRIPTION	LATITUDE	LONGITUDE
PLANE COORDINATES, FEET		° ' "	° ' "

LINE 1.

M. K. Weber, 1966; Book AH 952

NGS standard triangulation station disk stamped "LE RAY 1934"

X = 2,426,543.87	Y = 624,299.34	41 52 10.334	76 11 02.099
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PP 1. Lone evergreen tree

X = 2,426,771	Y = 624,291	41 52 10.21	76 10 59.10
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PP 2. T-fence junction

X = 2,426,189	Y = 623,977	41 52 07.21	76 11 06.87
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PP (off W.) Centerline of drain E. and dirt rd. S.-N.

X = 2,439,714	Y = 625,052	41 52 15.38	76 08 07.88
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Neath, 0.2 mi W. of Bradford-Susquehanna County line; 635 ft W. of N.-S. rd. crossing State Highway 859; 15 ft N., thence 50 ft E. of bridge over Gaylord Creek; in top of very substantial concrete retaining wall; standard tablet stamped "IT 39 K 1931"

X = 2,438,952	Y = 625,908	41 52 23.98	76 08 17.73
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Lawton, 2.1 mi N. of intersection of U. S. Highway 106, along State Highway 267, thence 0.7 mi left along paved rd. to turn right, thence 2.1 mi along paved rd. to farm on left; turn on field rd. left through cattle gate to top of hill; on top of S. end of prominent bare ridge; telephone line running NW.-SE. about 150 ft S.; in uncultivated field; in round concrete post projecting about 1 in.; standard tablet stamped "ET 4 MAX 1966" *Reported Destroyed 3/30/99 DCC*

X = 2,457,892	Y = 618,907	41 51 11.27	76 04 09.23
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PP. W. corner of L-shaped fence corner running NNE.-SSE. at bend

X = 2,457,888	Y = 619,171	41 51 13.87	76 04 09.22
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Rushville, 2.0 mi SSW. of; 2.9 mi S. of intersection of U. S. Highway 106 in Stevensville, along State Highway 367 to dirt rd., thence 0.5 mi left (N.) along dirt rd. to intersection of rock-wooded fenceline; 25 ft NNE. of centerline of dirt rd.; near top of hill; in concrete post flush with ground; standard tablet stamped "ET 8 MAX 1966"

X = 2,440,991	Y = 582,506	41 45 14.88	76 08 01.49
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215 PA. - 53A N.Y.  
LE RAYSVILLE QUADRANGLE

41-576-11

SUPPLEMENTAL

MAP CONTROL  
NOT FOR DISTRIBUTION

M. K. Weber, 1966; Book AH 952

NGS standard triangulation station disk stamped "STGLE 1934"

X = 2,424,193.20      Y = 671,397.16      41 59 55.965      76 11 21.947

PP. Centerline of rd. at fence SE.

X = 2,423,893      Y = 671,276      41 59 54.82      76 11 25.95



216 PA.-60A N.Y.  
TOWANDA QUADRANGLE

MAP CONTROL  
NOT FOR DISTRIBUTION

41-076-14  
1

SUPPLEMENTAL

M. K. Weber, 1966; Book AH 952

N.Y.-Pa. State Line Boundary Monument No. 104

X = 2,402,336.07    Y = 670,808.73                    41 59 53.943    76 16 11.500

PP. Tree fenceline E.-W. with centerline  
of rd.

X = 2,402,355            Y = 670,812                    41 59 53.97    76 16 11.25

215 PA. - 59A N.Y.  
LE RAYSVILLE QUADRANGLE

41-076-11  
8

STATION            DESCRIPTION  
PLANE COORDINATES, FEET

LATITUDE  
° ' "

LONGITUDE  
° ' "

LINE 1 (Cont'd.)

PP. Rock fence crossing rd. NE.-SW.

X = 2,441,001

Y = 582,481

41 45 14.63

76 08 01.37

Orwell, 1.5 mi NE. of; 0.5 mi N. of Potterville, along main hwy. to dirt rd., thence left up hill 0.5 mi along dirt rd. to tree fence crossing rd., thence 0.2 mi right (N.) to tree fenceline; about 4 ft N. of fallen 12-in. apple tree; in bushy growth; witness sign nailed in 18-in. maple tree, 47 ft S. of station; in round concrete post projecting 2 in.; standard tablet stamped "ET 15 MAX 1966"

X = 2,409,090

Y = 630,370

41 53 13.35

76 14 51.36