

MONROE COUNTY GEODETIC CONTROL NETWORK
Coordinates & Directions
Document Date: 6/4/2004

Brief History:

The Monroe County Geodetic Control Network was developed during the 1990's as part of a multi-county project with Jackson and La Crosse Counties. It consists of 90 concrete ground control monuments located in and around Monroe County on approximately a 3.5 to 4 mile spacing. There are 7 Primary (1ppm) level monuments, 15 Secondary (2ppm) level monuments, 65 Tertiary (4ppm) level monuments, and 3 azimuth monuments. Primary and Secondary level monuments were constructed in 1993. Tertiary level monuments were constructed in 1996 and 1997. GPS observations were performed on the Primary level in 1994 by the County Surveyor's from the 3 respective counties. The Monroe County Surveyor and Land Information Office performed GPS observations on the Secondary and Tertiary levels from 1996 through 2000. Network adjustments and final geographic coordinate (lat/lon) values were computed by John Ellingson, the Jackson County Surveyor.

Information on the network adjustment computations can be found in the following related documents: **Final JALAMO Primary Network Adjustment, Final JALAMO Secondary Network Adjustment, and Final Monroe County Tertiary Network Adjustment.**

Important Notes:

* All coordinates values are based on the North American Datum of 1983(91). Monroe County Coordinates were derived by converting final network adjustment lat/lon values to county coordinates using the projection parameters as specified in *Wisconsin Coordinate Systems* (Wisconsin State Cartographers Office, 1995) with AutoCAD Map ver. 2.

**Orthometric Heights were derived by applying GEOID99 to the Geographic coordinates unless indicated otherwise.

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Alphabetical Point List

Point Name	GPS Order	PLSS Township	Page #
BELT AZIMUTH	4 ppm	T19N-R2W	49
BM-P231	4 ppm	T18N-R1E	36
BURNS EAST GPS	2 ppm	T17N-R5W	54
BURNS NORTH GPS	1 ppm	T18N-R5W	55
CLIFTON SW	1 ppm	T16N-R1E	15
CUTLER WEST GPS	1 ppm	T18N-R2E	55
GLENDALE SE	2 ppm	T15N-R1E	5
GREENFIELD NORTH	2 ppm	T18N-R2W	40
JEFFERSON WEST	2 ppm	T15N-R3W	12
LA GRANGE SE (DESTROYED)	2 ppm	T18N-R1W	37
Azimuth for LA GRANGE SE	azimuth	T18N-R1W	37
LAFAYETTE SOUTH	2 ppm	T18N-R3W	42
Azimuth for LAFAYETTE SOUTH	azimuth	T18N-R3W	42
LINCOLN EAST	2 ppm	T19N-R1W	47
LITTLE FALLS NW	2 ppm	T19N-R4W	51
NEW LYME SW	2 ppm	T19N-R3W	49
OAKDALE	2 ppm	T17N-R1E	26
RIDGEVILLE	2 ppm	T16N-R2W	19
Azimuth for RIDGEVILLE	azimuth	T16N-R2W	19
SHELDON SW	1 ppm	T15N-R2W	10
SHULTE	2 ppm	T16N-R3W	21
TOMAH GPS	1 ppm	T17N-R2W	30
WASHINGTON SE	2 ppm	T15N-R5W	54
WELLINGTON WEST	2 ppm	T15N-R1W	7
WHITEHEAD RM 2	1 ppm	T16N-R4W	23
WILTON	2 ppm	T16N-R1W	17
WYMAN LAKE GPS	1 ppm	T20N-R2W	56
01-174W	4 ppm	T17N-R4W	33
03-151W	4 ppm	T15N-R1W	7
03-191W	4 ppm	T19N-R1W	47
05-171E	4 ppm	T17N-R1E	26
06-151W	4 ppm	T15N-R1W	8
07-171W	4 ppm	T17N-R1W	28
07-183W	4 ppm	T18N-R3W	43
07-193W	4 ppm	T19N-R3W	50
08-152W	4 ppm	T15N-R2W	10
08-161E	4 ppm	T16N-R1E	15
08-174W	4 ppm	T17N-R4W	33
08-191E	4 ppm	T19N-R1E	46
09-154W	4 ppm	T15N-R4W	14
09-162W	4 ppm	T16N-R2W	20
09-181E	4 ppm	T18N-R1E	35
09-181W	4 ppm	T18N-R1W	38
10 GHC 1961	4 ppm	T17N-R1W	29
10-164W	4 ppm	T16N-R4W	23
10-194W	4 ppm	T19N-R4W	51
11-153W	4 ppm	T15N-R3W	12

Point Name	GPS Order	PLSS Township	Page #
11-184W	4 ppm	T18N-R4W	44
12-161E	4 ppm	T16N-R1E	16
12-164W	4 ppm	T16N-R4W	24
12-181W	4 ppm	T18N-R1W	38
13-161W	4 ppm	T16N-R1W	17
13-162W	4 ppm	T16N-R2W	20
13-181E	4 ppm	T18N-R1E	35
14-151W	4 ppm	T15N-R1W	8
16-151E	4 ppm	T15N-R1E	5
16-184W	4 ppm	T18N-R4W	44
17-191W (DESTROYED)	4 ppm	T19N-R1W	48
19-171E	4 ppm	T17N-R1E	27
19-194W	4 ppm	T19N-R4W	52
21-173W	4 ppm	T17N-R3W	31
22-171W	4 ppm	T17N-R1W	28
22-182W	4 ppm	T18N-R2W	40
22-195W	4 ppm	T19N-R5W	53
24-164W	4 ppm	T16N-R4W	24
25-163W	4 ppm	T16N-R3W	21
25-173W	4 ppm	T17N-R3W	31
25-174W	4 ppm	T17N-R4W	34
25-184W	4 ppm	T18N-R4W	45
26-154W	4 ppm	T15N-R4W	14
27-152W	4 ppm	T15N-R2W	11
27-153W	4 ppm	T15N-R3W	13
27-164W	4 ppm	T16N-R4W	25
27-174W	4 ppm	T17N-R4W	34
28-163W	4 ppm	T16N-R3W	22
29-161W	4 ppm	T16N-R1W	18
29-181W	4 ppm	T18N-R1W	39
31-151E	4 ppm	T15N-R1E	6
32-153W	4 ppm	T15N-R3W	13
32-163W	4 ppm	T16N-R3W	22
32-184W	4 ppm	T18N-R4W	45
32-191W	4 ppm	T19N-R1W	48
33-151W	4 ppm	T15N-R1W	9
33-161E	4 ppm	T16N-R1E	16
33-173W	4 ppm	T17N-R3W	32
33-194W	4 ppm	T19N-R4W	52
35-182W	4 ppm	T18N-R2W	41
36-171E	4 ppm	T17N-R1E	27
36-172W	4 ppm	T17N-R2W	30
36-181E	4 ppm	T18N-R1E	36

POINTS LOCATED INSIDE OF MONROE COUNTY BY TOWNSHIP:

• **T15N R1E, TOWN OF GLENDALE**

Point Name: GLENDALE SE

GPS Order: 2 ppm (Secondary level)

Coordinate Data:

Geographic:

Lat: 43 44 23.859099 N ± 0.00306 [m]
Lon: 90 20 32.217482 W ± 0.00808 [m]
Ellipsoid Ht: 326.6022 ± 0.00598 [m]

Monroe County:

Northing: 305331.7926
Easting: 750128.1891
Orthometric Ht: 1184.0206 (ft) from Geoid99

Directions:

Sec. 35, T15N, R1E, in ROW on the east side of Oyster Rd about 0.15 mile north of the intersection with Oxbow Ave.

Point Name: 16-151E

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 46 52.143533 N ± 0.00414 [m]
Lon: 90 22 56.940457 W ± 0.00345 [m]
Ellipsoid Ht: 314.7440 ± 0.00761 [m]

Monroe County:

Northing: 320311.3704
Easting: 739455.8310
Orthometric Ht: 1144.7320 (ft) from Geoid99

Directions:

Sec. 16, T15N, R1E, in ROW on the east side of Norwood Rd on top of high bank about 0.35 mile south of the intersection with CTH P and 0.15 mile north of the intersection with Novel Ave.

Point Name: 31-151E

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 43 45.822007 N ± 0.00638 [m]
Lon: 90 25 39.105119 W ± 0.00530 [m]
Ellipsoid Ht: 382.3883 ± 0.01402 [m]

Monroe County:

Northing: 301409.9516
Easting: 727607.3006
Orthometric Ht: 1366.2220 (ft) from Geoid99

Directions:

Sec. 31, T15N, R1E, in ROW on the south side of Outback Ave on east side of field access about 0.25 mile east of the intersection with Ostrich Rd.

- **T15N R1W, TOWN OF WELLINGTON**

Point Name: WELLINGTON WEST

GPS Order: 2 ppm (Secondary level)

Coordinate Data:

Geographic:

Lat: 43 45 48.483576 N ± 0.00446 [m]
Lon: 90 32 8.731170 W ± 0.01364 [m]
Ellipsoid Ht: 262.0638 ± 0.00917 [m]

Monroe County:

Northing: 313775.4141
Easting: 698980.8871
Orthometric Ht: 970.5519 (ft) from Geoid99

Directions:

Sec. 19, T15N, R1W, in ROW on east side of Novena Rd about 300 feet north of intersection with Nordale Ave.

Point Name: 03-151W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 48 14.988961 N ± 0.00353 [m]
Lon: 90 28 46.128463 W ± 0.00286 [m]
Ellipsoid Ht: 388.8561 ± 0.00779 [m]

Monroe County:

Northing: 328635.0656
Easting: 713820.4821
Orthometric Ht: 1386.9628 (ft) from Geoid99

Directions:

Sec. 3, T15N, R1W, in ROW on west side of Minnesota Rd about 80 yards south of intersection with Midway Ave on south side of field access and utility pole.

Point Name: 06-151W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 48 5.084644 N ± 0.00301 [m]
Lon: 90 33 3.470152 W ± 0.00280 [m]
Ellipsoid Ht: 307.7962 ± 0.00578 [m]

Monroe County:

Northing: 327603.1942
Easting: 694948.4456
Orthometric Ht: 1120.4348 (ft) from Geoid99

Directions:

Sec. 6, T15N, R1W, in ROW on north side of Mead Ave about 0.6 mile west of STH 131.

Point Name: 14-151W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 46 27.775545 N ± 0.00496 [m]
Lon: 90 28 8.189807 W ± 0.00389 [m]
Ellipsoid Ht: 378.7565 ± 0.00904 [m]

Monroe County:

Northing: 317784.0229
Easting: 716625.5920
Orthometric Ht: 1353.9359 (ft) from Geoid99

Directions:

Sec. 14, T15N, R1W, in ROW on the west side of Nowlin Ave just north of field access and about 0.25 mile northwest of intersection with Northfleet Ave.

Point Name: 33-151W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 43 40.815653 N ± 0.00550 [m]
Lon: 90 30 11.071734 W ± 0.00461 [m]
Ellipsoid Ht: 268.0159 ± 0.01108 [m]

Monroe County:

Northing: 300860.2963
Easting: 707637.4952
Orthometric Ht: 990.3520 (ft) from Geoid99

Directions:

Sec. 33, T15N, R1W, in ROW on the east side of CTH Z up on bank about 0.2 mile north of Oregano Rd.

- **T15N R2W, TOWN OF SHELDON**

Point Name: SHELDON SW

GPS Order: 1 ppm (Primary level)

Coordinate Data:

Geographic:

Lat: 43 43 53.343360 N
Lon: 90 40 6.959960 W
Ellipsoid Ht: 261.1610 [m]

Monroe County:

Northing: 302099.2590
Easting: 663880.4096
Orthometric Ht: 966.5729 (ft) from Geoid99

Directions:

Sec. 31, T15N, R2W, in ROW on north side of STH 33 about mid-way between Newport Rd and Ontario Rd at top of bank on west side of field access.

Point Name: 08-152W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 47 9.323421 N ± 0.00323 [m]
Lon: 90 38 28.450822 W ± 0.00289 [m]
Ellipsoid Ht: 379.7836 ± 0.00607 [m]

Monroe County:

Northing: 321943.4942
Easting: 671113.6499
Orthometric Ht: 1355.8588 (ft) from Geoid99

Directions:

Sec. 8, T15N, R2W, in ROW on south side of CTH F about 15 yards west of intersection with Mesabi Ave.

Point Name: 27-152W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 44 32.592624 N ± 0.00479 [m]
Lon: 90 36 6.769440 W ± 0.00362 [m]
Ellipsoid Ht: 246.7554 ± 0.01032 [m]

Monroe County:

Northing: 306075.0958
Easting: 681515.2380
Orthometric Ht: 919.8420 (ft) from Geoid99

Directions:

Sec. 27, T15N, R2W, about 200 yds north of S1/4 corner on west side of Niagara Ave south of field access on top of embankment, about 0.75 mile from STH 131.

- **T15N R3W, TOWN OF JEFFERSON**

Point Name: JEFFERSON WEST

GPS Order: 2 ppm (Secondary level)

Coordinate Data:

Geographic:

Lat: 43 46 22.933831 N ± 0.00290 [m]
Lon: 90 46 27.348473 W ± 0.00854 [m]
Ellipsoid Ht: 381.8100 ± 0.00518 [m]

Monroe County:

Northing: 317274.1203
Easting: 635973.5511
Orthometric Ht: 1361.4441 (ft) from Geoid99

Directions:

Sec. 18, T15N, R3W, in ROW on the north side of Neptune Rd about 1.2 miles north of intersection with Nesbitt Ave, on west side of field access.

Point Name: 11-153W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 47 49.712589 N ± 0.00418 [m]
Lon: 90 42 5.683417 W ± 0.00340 [m]
Ellipsoid Ht: 391.9516 ± 0.00791 [m]

Monroe County:

Northing: 326039.1550
Easting: 655180.1529
Orthometric Ht: 1395.2780 (ft) from Geoid99

Directions:

Sec. 11, T15N, R3W, in ROW on west side of Melrose Rd about 0.35 mile north of intersection with CTH U.

Point Name: 27-153W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 44 51.244585 N ± 0.00386 [m]
Lon: 90 43 8.252000 W ± 0.00376 [m]
Ellipsoid Ht: 368.4125 ± 0.00707 [m]

Monroe County:

Northing: 307970.8686
Easting: 650573.9674
Orthometric Ht: 1317.9977 (ft) from Geoid99

Directions:

Sec. 27, T15N, R3W, in ROW on south side of Omaha Ave about 0.6 mile north of intersection with Olympic Ave about 30 yards west of a telephone utility box.

Point Name: 32-153W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 43 38.550363 N ± 0.00402 [m]
Lon: 90 46 13.625890 W ± 0.00470 [m]
Ellipsoid Ht: 376.1881 ± 0.00691 [m]

Monroe County:

Northing: 300626.7069
Easting: 636954.4827
Orthometric Ht: 1343.0948 (ft) from Geoid99

Directions:

Sec. 32, T15N, R3W, in ROW on east side of Oclinton Rd about 0.1 mile north of intersection with Ogden Ave next to fence.

• **T15N R4W, TOWN OF PORTLAND**

Point Name: 09-154W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 47 44.580030 N ± 0.00294 [m]
Lon: 90 51 4.559585 W ± 0.00280 [m]
Ellipsoid Ht: 380.4058 ± 0.00592 [m]

Monroe County:

Northing: 325583.9957
Easting: 615653.6475
Orthometric Ht: 1356.0465 (ft) from Geoid99

Directions:

Sec. 9, T15N, R4W, in ROW on west side of Manna Ave at intersection with Maple Ave about 10 feet south of stop sign.

Point Name: 26-154W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 44 49.780717 N ± 0.00343 [m]
Lon: 90 49 46.025488 W ± 0.00381 [m]
Ellipsoid Ht: 373.9981 ± 0.00710 [m]

Monroe County:

Northing: 307869.5561
Easting: 621373.7520
Orthometric Ht: 1335.3192 (ft) from Geoid99

Directions:

Sec. 27, T15N, R4W, in ROW on north side of Oakdale Ave about 0.4 mile west of Octave Rd.

- **T16N R1E, TOWN OF CLIFTON**

Point Name: CLIFTON SW

GPS Order: 1 ppm (Primary level)

Coordinate Data:

Geographic:

Lat: 43 49 12.546420 N
Lon: 90 25 36.652830 W
Ellipsoid Ht: 392.2360 [m]

Monroe County:

Northing: 334495.2405
Easting: 727701.2044
Orthometric Ht: 1398.5110 (ft) from Geoid99

Directions:

Sec. 31, T16N, R1E, in ROW on east side of King Rd near middle of curve about 0.4 mile north of intersection with STH 71 at fence corner.

Point Name: 08-161E

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 52 55.988606 N ± 0.00377 [m]
Lon: 90 23 48.844997 W ± 0.00355 [m]
Ellipsoid Ht: 314.1086 ± 0.00768 [m]

Monroe County:

Northing: 357143.6828
Easting: 735538.4224
Orthometric Ht: 1142.4964 (ft) from Geoid99

Directions:

Sec. 8, T16N, R1E, in ROW on west side of Jupiter Rd about 0.75 north of the intersection with Kirkwood Ave across the road from a private driveway and just south of a telephone utility box.

Point Name: 12-161E

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 52 45.652200 N ± 0.00440 [m]
Lon: 90 19 20.995026 W ± 0.00385 [m]
Ellipsoid Ht: 252.9338 ± 0.00791 [m]

Monroe County:

Northing: 356164.0529
Easting: 755160.5175
Orthometric Ht: 942.5959 (ft) from Geoid99

Directions:

Sec. 12, T16N, R1E, in ROW on the south side of CTH A about 0.3 mile west of the intersection with Justice Rd near cut off old utility pole.

Point Name: 33-161E

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 49 8.901278 N ± 0.00293 [m]
Lon: 90 22 26.402915 W ± 0.00279 [m]
Ellipsoid Ht: 293.5815 ± 0.00612 [m]

Monroe County:

Northing: 334166.9229
Easting: 741651.3317
Orthometric Ht: 1075.3866 (ft) from Geoid99

Directions:

Sec. 33, T16N, R1E, in southwest edge of triangular open area at the intersection of CTH W and CTH N.

- **T16N R1W, TOWN OF WILTON**

Point Name: WILTON

GPS Order: 2 ppm (Secondary level)

Coordinate Data:

Geographic:

Lat: 43 52 29.321401 N ± 0.00369 [m]
Lon: 90 30 13.253876 W ± 0.00987 [m]
Ellipsoid Ht: 398.6702 ± 0.00615 [m]

Monroe County:

Northing: 354377.9370
Easting: 707387.7226
Orthometric Ht: 1418.8364 (ft) from Geoid99

Directions:

Sec. 9, T16N, R1W, in ROW on east side of CTH MM about 0.3 mile north of intersection with Keystone Rd.

Point Name: 13-161W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 51 35.541268 N ± 0.00382 [m]
Lon: 90 26 46.588391 W ± 0.00337 [m]
Ellipsoid Ht: 395.0818 ± 0.00865 [m]

Monroe County:

Northing: 348962.5751
Easting: 722539.2916
Orthometric Ht: 1407.6212 (ft) from Geoid99

Directions:

Sec. 13, T16N, R1W, in ROW on east side of Kimball Rd about 0.5 mile south of intersection with King Rd, 30.5' southerly of utility pole along the bearing of power line and 1.5' east of power line, at the highest section of Kimball Rd.

Point Name: 29-161W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 50 23.181870 N ± 0.00333 [m]
Lon: 90 31 3.498559 W ± 0.00307 [m]
Ellipsoid Ht: 338.1668 ± 0.00811 [m]

Monroe County:

Northing: 341598.7753
Easting: 703726.4023
Orthometric Ht: 1220.2922 (ft) from Geoid99

Directions:

Sec. 29, T16N, R1W, in ROW on north side of Limestone Ave about 0.75 mile east of the intersection with CTH M.

• **T16N R2W, TOWN OF RIDGEVILLE**

Point Name: RIDGEVILLE

GPS Order: 2 ppm (Secondary level)

Coordinate Data:

Geographic:

Lat: 43 50 41.121197 N ± 0.00282 [m]
Lon: 90 36 43.244421 W ± 0.00795 [m]
Ellipsoid Ht: 387.8765 ± 0.00599 [m]

Monroe County:

Northing: 343392.1717
Easting: 678824.0190
Orthometric Ht: 1382.5809 (ft) from Geoid99

Directions:

Sec. 21, T16N, R2W, in ROW on west side of CTH U at the intersection with Kiwi Ave about 3 feet west of the road sign.

Point Name: Azimuth for RIDGEVILLE

GPS Order: azimuth

Coordinate Data:

Geographic:

Lat:
Lon:
Ellipsoid Ht:

Monroe County:

Northing: 343619.7163
Easting: 680107.3154
Orthometric Ht: 1390.4726 (ft) from Geoid99

Monroe County Grid Bearing & Distance from Control Point:
N79d56'43"E, 1303.31'

Directions:

Sec. 22, T16N, R2W, in ROW on north side of CTH U approximately 80' west of the intersection with Kensington Rd.

Point Name: 09-162W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 53 5.688094 N ± 0.00294 [m]
Lon: 90 36 43.025381 W ± 0.00311 [m]
Ellipsoid Ht: 399.7243 ± 0.00551 [m]

Monroe County:

Northing: 358031.5409
Easting: 678834.7980
Orthometric Ht: 1421.4187 (ft) from Geoid99

Directions:

Sec. 9, T16N, R2W, in ROW on south side of CTH T at the southwest corner of intersection with Jewell Rd. Monument is +/- 8 feet southeast of wood post.

Point Name: 13-162W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 51 48.746794 N ± 0.00435 [m]
Lon: 90 33 42.815978 W ± 0.00409 [m]
Ellipsoid Ht: 395.8587 ± 0.00907 [m]

Monroe County:

Northing: 350248.9417
Easting: 692040.8283
Orthometric Ht: 1409.1366 (ft) from Geoid99

Directions:

Sec. 13, T16N, R2W, in ROW on southeast side of CTH U at the ninety degree corner about 0.5 mile south of intersection with July Rd.

- **T16N R3W, TOWN OF WELLS**

Point Name: SHULTE

GPS Order: 2 ppm (Secondary level) * Note: In Monroe County's Geodetic Control Network Shulte is used as a secondary level monument with a different lat/lon than what is published by NGS and WiDOT.

Coordinate Data:

Geographic:

Lat: 43 53 6.728804 N ± 0.00260 [m]
Lon: 90 41 27.082811 W ± 0.00734 [m]
Ellipsoid Ht: 397.7443 ± 0.00555 [m]

Monroe County:

Northing: 358139.3829
Easting: 658030.5570
Orthometric Ht: 1414.3321 (ft) from Geoid99

Directions:

Sec. 11, T16N, R3W, west of entrance road to quarry about 0.1 mile south of intersection with CTH AA, in fencerow about 60 feet west of road centerline.

Point Name: 25-163W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 50 28.865277 N ± 0.00390 [m]
Lon: 90 40 33.454073 W ± 0.00311 [m]
Ellipsoid Ht: 395.6527 ± 0.00801 [m]

Monroe County:

Northing: 342151.5709
Easting: 661951.6482
Orthometric Ht: 1407.5618 (ft) from Geoid99

Directions:

Sec. 25, T16N, R3W, in ROW on east side of CTH XU at crest of hill and on south side of field access about 0.8 mile south of STH 71.

Point Name: 28-163W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 50 20.117727 N ± 0.00474 [m]
Lon: 90 44 32.352420 W ± 0.00393 [m]
Ellipsoid Ht: 237.3049 ± 0.00951 [m]

Monroe County:

Northing: 341280.0898
Easting: 644440.9334
Orthometric Ht: 887.5865 (ft) from Geoid99

Directions:

Sec. 28, T16N, R3W, in ROW on north side of CTH XX about 0.5 mile east of intersection with Katydid Ave on top of bank about half-way between two culverts.

Point Name: 32-163W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 48 55.322023 N ± 0.00389 [m]
Lon: 90 45 36.901276 W ± 0.00363 [m]
Ellipsoid Ht: 231.6471 ± 0.00811 [m]

Monroe County:

Northing: 332699.7100
Easting: 639697.4033
Orthometric Ht: 868.9028 (ft) from Geoid99

Directions:

Sec. 32, T16N, R3W, in ROW on east side of CTH F about 0.4 mile west of intersection with Lamplighter Rd along curve on top of high bank near ROW sign.

- **T16N R4W, TOWN OF LEON**

Point Name: WHITEHEAD RM 2

GPS Order: 1 ppm (Primary level)

Coordinate Data:

Geographic:

Lat: 43 49 30.727280 N
Lon: 90 54 38.766870 W
Ellipsoid Ht: 382.1880 [m]

Monroe County:

Northing: 336378.3120
Easting: 599976.8302
Orthometric Ht: 1361.2440 (ft) from Geoid99

Directions:

Sec. 31, T16N, R4W, in ROW on east side of CTH J about 0.1 mile south of intersection with La Crosse County CTH JJ.

Point Name: 10-164W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 53 6.599825 N ± 0.00484 [m]
Lon: 90 50 6.572589 W ± 0.00414 [m]
Ellipsoid Ht: 206.7977 ± 0.00970 [m]

Monroe County:

Northing: 358182.2954
Easting: 619983.4375
Orthometric Ht: 786.6805 (ft) from Geoid99

Directions:

Sec. 10, T16N, R4W, in ROW on the south side of Jaguar Ave about 0.2 mile west of STH 27 mid-way between utility poles.

Point Name: 12-164W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 52 59.487900 N ± 0.00532 [m]
Lon: 90 47 56.116416 W ± 0.00431 [m]
Ellipsoid Ht: 225.9699 ± 0.01111 [m]

Monroe County:

Northing: 357441.8004
Easting: 629536.5842
Orthometric Ht: 849.9225 (ft) from Geoid99

Directions:

Sec. 12, T16N, R4W, in ROW on east side of Ideal Ave on top of bank about 0.1 mile north of intersection with Jancing Ave.

Point Name: 24-164W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 51 12.904211 N ± 0.00501 [m]
Lon: 90 47 28.082013 W ± 0.00441 [m]
Ellipsoid Ht: 216.3724 ± 0.01076 [m]

Monroe County:

Northing: 346644.9470
Easting: 631570.3148
Orthometric Ht: 818.5102 (ft) from Geoid99

Directions:

Sec. 24, T16N, R4W, in ROW on west side of CTH XX about 100 yards south of intersection with Kansas Ave and 0.75 mile north of intersection with STH 27 near field access and ROW sign.

Point Name: 27-164W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 50 17.609858 N ± 0.00365 [m]
Lon: 90 50 52.791394 W ± 0.00327 [m]
Ellipsoid Ht: 225.5626 ± 0.00827 [m]

Monroe County:

Northing: 341078.0278
Easting: 616555.5983
Orthometric Ht: 848.0875 (ft) from Geoid99

Directions:

Sec. 27, T16N, R4W, in ROW on north side of CTH J about 2.5 miles west of intersection with STH 27 at top of high bank.

• **T17N R1E, TOWN OF OAKDALE**

Point Name: OAKDALE

GPS Order: 2 ppm (Secondary level)

Coordinate Data:

Geographic:

Lat: 43 56 3.301759 N ± 0.00278 [m]
Lon: 90 21 44.505165 W ± 0.00617 [m]
Ellipsoid Ht: 266.3091 ± 0.00482 [m]

Monroe County:

Northing: 376140.6275
Easting: 744581.1787
Orthometric Ht: 985.9826 (ft) from Geoid99

Directions:

Sec. 22, T17N, R1E, in ROW on west side of Hope Rd about 0.1 mile north of intersection with Horseshoe Ave.

Point Name: 05-171E

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 58 27.893001 N ± 0.00348 [m]
Lon: 90 24 9.206653 W ± 0.00308 [m]
Ellipsoid Ht: 250.5330 ± 0.00687 [m]

Monroe County:

Northing: 390749.3122
Easting: 733949.6431
Orthometric Ht: 933.8662 (ft) from Geoid99

Directions:

Sec. 5, T17N, R1E, in ROW on east side of CTH N about 0.4 mile north of intersection with USH 12 & USH 16 on the north side of the overpass over I90/I94.

Point Name: 19-171E

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 55 47.260977 N ± 0.00348 [m]
Lon: 90 24 43.958012 W ± 0.00326 [m]
Ellipsoid Ht: 323.0290 ± 0.00761 [m]

Monroe County:

Northing: 374475.7692
Easting: 731453.5421
Orthometric Ht: 1171.5626 (ft) from Geoid99

Directions:

Sec. 19, T17N, R1E, in ROW on west side of Hoover Rd next to fence, about .25 mile north of intersection with Isabel Ave.

Point Name: 36-171E

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 54 28.646204 N ± 0.00529 [m]
Lon: 90 19 19.400199 W ± 0.00414 [m]
Ellipsoid Ht: 313.1498 ± 0.00921 [m]

Monroe County:

Northing: 366594.0124
Easting: 755236.9179
Orthometric Ht: 1140.1250 (ft) from Geoid99

Directions:

Sec. 36, T17N, R1E, in ROW on east side of Ivy Ave about 100 yds south of the driveway for rural address 33653 Ivy Ave and about 0.9 mile south of the intersection with CTH W.

- **T17N R1W, TOWN OF TOMAH**

Point Name: 07-171W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 58 5.802732 N ± 0.00393 [m]
Lon: 90 32 7.194111 W ± 0.00354 [m]
Ellipsoid Ht: 262.6424 ± 0.00723 [m]

Monroe County:

Northing: 388439.1384
Easting: 698997.4326
Orthometric Ht: 972.4338 (ft) from Geoid99

Directions:

Sec. 7, T17N, R1W, in ROW on the north side of CTH CM about 25 yds west of the intersection with Gondola Rd.

Point Name: 22-171W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 56 32.448199 N ± 0.00419 [m]
Lon: 90 29 14.829164 W ± 0.00340 [m]
Ellipsoid Ht: 312.4914 ± 0.00752 [m]

Monroe County:

Northing: 379005.5231
Easting: 711621.4219
Orthometric Ht: 1136.2884 (ft) from Geoid99

Directions:

Sec. 22, T17N, R1W, in ROW on north side of Highland Ave about 1.0 mile east of the intersection with STH 131 and about 0.7 mile west of the intersection with Hickory Rd.

Point Name: 10 GHC 1961

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 54 5.293657 N ± 0.00338 [m]
Lon: 90 26 55.521666 W ± 0.00311 [m]
Ellipsoid Ht: 399.0666 ± 0.00742 [m]

Monroe County:

Northing: 364125.4921
Easting: 721849.2799
Orthometric Ht: 1420.6323 (ft) from Geoid99

Directions:

Sec. 36, T17N, R1W, in ROW on west side of Ironwood Rd about 100 feet north of the intersection with King Rd. The monument is a standard USGS concrete post with tablet stamped "10 GHC 1961 1420".

- **T17N R2W, TOWN OF ADRIAN**

Point Name: TOMAH GPS

GPS Order: 1 ppm (HPGN)

Coordinate Data:

Geographic:

Lat: 43 56 19.953170 N
Lon: 90 36 24.278810 W
Ellipsoid Ht: 331.5710 [m]

Monroe County:

Northing: 377704.1900
Easting: 680199.4635
Orthometric Ht: 1197.9471 (ft) from Geoid99

Directions:

Sec. 22, T17N, R2W, in ROW between STH 16 and Interstate 90 about 0.25 mile west of Hedge Rd on the Interstate 90 side of ROW fence.

Point Name: 36-172W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 54 36.920851 N ± 0.00315 [m]
Lon: 90 33 6.543288 W ± 0.00291 [m]
Ellipsoid Ht: 322.8519 ± 0.00627 [m]

Monroe County:

Northing: 367281.6269
Easting: 694679.8313
Orthometric Ht: 1169.7021 (ft) from Geoid99

Directions:

Sec. 36, T17N, R2W, in ROW on north side of July Rd at northwest corner of the intersection with CTH M.

- **T17N R3W, TOWN OF ANGELO**

Point Name: 21-173W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 56 32.719671 N ± 0.00344 [m]
Lon: 90 44 48.887568 W ± 0.00319 [m]
Ellipsoid Ht: 228.6192 ± 0.00614 [m]

Monroe County:

Northing: 379012.7260
Easting: 643277.1156
Orthometric Ht: 859.1164 (ft) from Geoid99

Directions:

Sec. 21, T17N, R3W, in ROW on south side of STH 16 in open area just north of one of Fort McCoy's shooting ranges and range observation buildings, about 0.8 mile east of intersection with Interstate 90.

Point Name: 25-173W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 55 24.728102 N ± 0.00274 [m]
Lon: 90 41 5.691328 W ± 0.00293 [m]
Ellipsoid Ht: 245.1428 ± 0.00540 [m]

Monroe County:

Northing: 372112.8870
Easting: 659604.5840
Orthometric Ht: 913.8066 (ft) from Geoid99

Directions:

Sec. 25, T17N, R3W, in ROW on west side of CTH AA at crest of small hill near a cut-off utility pole about 0.5 mile south of intersection with CTH A.

Point Name: 33-173W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 53 57.404110 N ± 0.00464 [m]
Lon: 90 44 34.608970 W ± 0.00441 [m]
Ellipsoid Ht: 225.3125 ± 0.00962 [m]

Monroe County:

Northing: 363283.4906
Easting: 644302.5553
Orthometric Ht: 848.2611 (ft) from Geoid99

Directions:

Sec. 33, T17N, R3W, in ROW on north side of Janus Ave about a 0.2 mile east of STH 71 next to fence, mid-way between utility poles and across the road from a telephone utility box.

• **T17N R4W, TOWN OF SPARTA (SOUTH PART)**

Point Name: 01-174W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 58 26.608429 N ± 0.00451 [m]
Lon: 90 48 40.119635 W ± 0.00422 [m]
Ellipsoid Ht: 229.8729 ± 0.00981 [m]

Monroe County:

Northing: 390573.8246
Easting: 626381.7766
Orthometric Ht: 862.6029 (ft) from Geoid99

Directions:

Sec. 1, T17N, R4W, on Monroe County Land (County Farm) in ROW on the east side of CTH B about 100 yds south of intersection with Gardener Ave.

Point Name: 08-174W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 57 47.895506 N ± 0.00464 [m]
Lon: 90 52 17.989262 W ± 0.00422 [m]
Ellipsoid Ht: 227.0685 ± 0.01116 [m]

Monroe County:

Northing: 386692.1522
Easting: 610438.0126
Orthometric Ht: 852.7329 (ft) from Geoid99

Directions:

Sec. 8, T17N, R4W, in ROW on south side of CTH B about 0.25 mile east of intersection with Garden Ave.

Point Name: 25-174W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 55 34.491678 N ± 0.00448 [m]
Lon: 90 47 43.393552 W ± 0.00383 [m]
Ellipsoid Ht: 229.0196 ± 0.00893 [m]

Monroe County:

Northing: 373136.3454
Easting: 630497.6828
Orthometric Ht: 859.9871 (ft) from Geoid99

Directions:

Sec. 25, T17N, R4W, in ROW on the west side of Igloo Rd and on the south side of the I90 overpass about 6 feet west of guardrail.

Point Name: 27-174W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 55 9.842725 N ± 0.00408 [m]
Lon: 90 50 56.847538 W ± 0.00363 [m]
Ellipsoid Ht: 204.1394 ± 0.00810 [m]

Monroe County:

Northing: 370671.2910
Easting: 616332.7279
Orthometric Ht: 777.8180 (ft) from Geoid99

Directions:

Sec. 27, T17N, R4W, on DNR property between the La Crosse River Bike Trail and Iberia Ave about 100 yds. east of intersection with Hammer Rd & Icebox Rd and 1.5 miles west of intersection with STH 27.

- **T18N R1E, TOWN OF BYRON**

Point Name: 09-181E

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 44 3 25.477790 N ± 0.00437 [m]
Lon: 90 22 58.514908 W ± 0.00412 [m]
Ellipsoid Ht: 247.6719 ± 0.00856 [m]

Monroe County:

Northing: 420899.9921
Easting: 739024.7640
Orthometric Ht: 924.8469 (ft) from Geoid99

Directions:

Sec. 9, T18N, R1E, in ROW at the intersection of Copper Rd and Dove Ave.

Point Name: 13-181E

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 44 2 12.986797 N ± 0.00509 [m]
Lon: 90 19 3.788792 W ± 0.00406 [m]
Ellipsoid Ht: 244.9018 ± 0.01024 [m]

Monroe County:

Northing: 413619.6824
Easting: 756195.1635
Orthometric Ht: 916.3131 (ft) from Geoid99

Directions:

Sec. 13, T18N, R1E, in ROW on west side of Dublin Rd about 0.5 mile north of STH 21 near field access.

Point Name: BM-P231

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 44 1 38.388266 N ± 0.00473 [m]
Lon: 90 22 59.885406 W ± 0.00376 [m]
Ellipsoid Ht: 245.7075 ± 0.01056 [m]

Monroe County:

Northing: 410055.1500
Easting: 738958.6491
Orthometric Ht: 918.3266 (ft) from Geoid99

Directions:

Sec. 21, T18N, R1E, existing NGS style driven survey marker in the Village of Wyeville on northeast side of railroad approximately 270' south of St Hwy 21 and approximately 120' west of Railroad Ave.

Point Name: 36-181E

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 59 33.100812 N ± 0.00348 [m]
Lon: 90 19 12.997053 W ± 0.00368 [m]
Ellipsoid Ht: 246.6030 ± 0.00783 [m]

Monroe County:

Northing: 397426.1609
Easting: 755585.5654
Orthometric Ht: 921.7764 (ft) from Geoid99

Directions:

Sec. 36, T18N, R1E, in ROW on north side of Fulda Ave at curve about 0.5 mile west of intersection with Funnel Rd.

- **T18N R1W, TOWN OF LA GRANGE**

Point Name: LA GRANGE SE (DESTROYED BY HWY CONSTRUCTION)

GPS Order: 2 ppm (Secondary level)

Coordinate Data:

Geographic:

Lat: 43 59 50.484885 N ± 0.00369 [m]
Lon: 90 28 18.818979 W ± 0.01305 [m]
Ellipsoid Ht: 260.1636 ± 0.00624 [m]

Monroe County:

Northing: 399067.7547
Easting: 715678.3600
Orthometric Ht: 964.8885 (ft) from Geoid99

Directions:

Sec. 35, T18N, R1W, in ROW on the east side of Forbes Rd on the south side of the overpass over Interstate 94.

Point Name: Azimuth for LA GRANGE SE

GPS Order: azimuth

Coordinate Data:

Geographic:

Lat: 44 00 10.93642 N
Lon: 90 28 46.87411 W
Ellipsoid Ht: 260.6408 [m]

Monroe County:

Northing: 401134.6660
Easting: 713623.4180
Orthometric Ht: 855.119 (ft) from Geoid99

Monroe County Grid Bearing & Distance from Control Point:
N44d50'01"W, 2914.60'

Directions:

Sec. 27, T18N, R1W, in ROW on the south side of Co Hwy ET on the west side of the overpass over Interstate 94.

Point Name: 09-181W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 44 2 53.157043 N ± 0.00412 [m]
Lon: 90 29 56.602957 W ± 0.00362 [m]
Ellipsoid Ht: 264.8192 ± 0.00893 [m]

Monroe County:

Northing: 417552.6953
Easting: 708498.2104
Orthometric Ht: 980.0545 (ft) from Geoid99

Directions:

Sec. 9, T18N, R1W, in ROW on the south side of CTH G about 3 chains east of the intersection with England Rd and about 0.25 mile east of the intersection with USH 12.

Point Name: 12-181W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 44 2 50.289335 N ± 0.00453 [m]
Lon: 90 26 41.784896 W ± 0.00373 [m]
Ellipsoid Ht: 255.0640 ± 0.00987 [m]

Monroe County:

Northing: 417291.5640
Easting: 722728.2734
Orthometric Ht: 948.5086 (ft) from Geoid99

Directions:

Sec. 12, T18N, R1W, in ROW on the east side of Enterprise Rd about 100 yds south of the intersection with CTH G.

Point Name: 29-181W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 44 0 56.651811 N ± 0.00337 [m]
Lon: 90 31 33.953534 W ± 0.00325 [m]
Ellipsoid Ht: 261.1740 ± 0.00743 [m]

Monroe County:

Northing: 405743.5237
Easting: 701404.3192
Orthometric Ht: 967.8065 (ft) from Geoid99

Directions:

Sec. 29, T18N, R1W, in ROW on north side of STH 21 about 0.5 mile west of the intersection with Ellsworth Rd.

- **T18N R2W, TOWN OF GREENFIELD**

Point Name: GREENFIELD NORTH

GPS Order: 2 ppm (Secondary level)

Coordinate Data:

Geographic:

Lat: 44 3 23.794693 N ± 0.00340 [m]
Lon: 90 35 4.648130 W ± 0.00961 [m]
Ellipsoid Ht: 330.7843 ± 0.00527 [m]

Monroe County:

Northing: 420628.0367
Easting: 685996.6375
Orthometric Ht: 1195.7269 (ft) from Geoid99

Directions:

Sec. 2 or Sec. 11, T18N, R2W, in ROW on east side of Elder Rd about 0.4 mile north of intersection with Denton Ave.

Point Name: 22-182W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 44 1 19.655068 N ± 0.00303 [m]
Lon: 90 36 36.590217 W ± 0.00283 [m]
Ellipsoid Ht: 262.5925 ± 0.00687 [m]

Monroe County:

Northing: 408053.2549
Easting: 679287.0027
Orthometric Ht: 971.7648 (ft) from Geoid99

Directions:

Sec. 22, T18N, R2W, in ROW on south side of CTH E about 0.1 mile east of intersection with Edgewater Rd next to fence.

Point Name: 35-182W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 59 10.293883 N ± 0.00434 [m]
Lon: 90 35 15.826001 W ± 0.00378 [m]
Ellipsoid Ht: 335.5050 ± 0.00795 [m]

Monroe County:

Northing: 394956.4506
Easting: 685197.1164
Orthometric Ht: 1211.0999 (ft) from Geoid99

Directions:

Sec. 35, T18N, R2W, in ROW on east side of Flatiron Ave, about 0.8 mile south of the intersection with Flamingo Rd and 1.2 mile north of the intersection with Giraffe Ave.

• **T18N R3W, TOWN OF LA FAYETTE**

Point Name: LA FAYETTE SOUTH

GPS Order: 2 ppm (Secondary level)

Coordinate Data:

Geographic:

Lat: 43 59 34.816272 N ± 0.00269 [m]
Lon: 90 45 3.600380 W ± 0.01167 [m]
Ellipsoid Ht: 220.2150 ± 0.00460 [m]

Monroe County:

Northing: 397454.1529
Easting: 642225.0357
Orthometric Ht: 831.4977 (ft) from Geoid99

Directions:

Sec. 33, T18N, R3W, in ROW on the south side of CTH BB about 30 yards east of the intersection with CTH I between road surface and ditch.

Point Name: Azimuth for LA FAYETTE SOUTH

GPS Order: azimuth

Coordinate Data:

Geographic:

Lat: 43 59 35.260329 N
Lon: 90 44 32.633235 W
Ellipsoid Ht: 219.9950 [m]

Monroe County:

Northing: 397496.2379
Easting: 644489.0059
Orthometric Ht: 830.8578 (ft) from Geoid99

Monroe County Grid Bearing & Distance from Control Point:
N88d56'06"E, 2264.36'

Directions:

Sec. 33, T18N, R3W, in ROW on the southeast side of CTH BB about 0.5 mi. east of the intersection with CTH I.

Point Name: 07-183W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 44 2 50.340215 N ± 0.00400 [m]
Lon: 90 46 43.082133 W ± 0.00334 [m]
Ellipsoid Ht: 247.4739 ± 0.00777 [m]

Monroe County:

Northing: 417264.9303
Easting: 634985.1036
Orthometric Ht: 920.5982 (ft) from Geoid99

Directions:

Sec. 7, T18N, R3W, in ROW on east side of Deerwood Rd about 0.9 mile north of the intersection with CTH Q at about the middle of a curve in the road.

- **T18N R4W, TOWN OF SPARTA (NORTH PART) & TOWN OF LITTLE FALLS (SOUTH PART)**

Point Name: 11-184W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 44 3 28.049354 N ± 0.00496 [m]
Lon: 90 49 45.067943 W ± 0.00427 [m]
Ellipsoid Ht: 231.5402 ± 0.00946 [m]

Monroe County:

Northing: 421109.7472
Easting: 621701.4961
Orthometric Ht: 867.7745 (ft) from Geoid99

Directions:

Sec. 11, T18N, R4W, in ROW on the south side of Dayton Ave about 0.1 mile west of CTH B next to barbwire fence across the road from a utility pole.

Point Name: 16-184W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 44 2 12.985861 N ± 0.00489 [m]
Lon: 90 51 46.045508 W ± 0.00432 [m]
Ellipsoid Ht: 251.0903 ± 0.01019 [m]

Monroe County:

Northing: 413530.2351
Easting: 612846.4513
Orthometric Ht: 931.5477 (ft) from Geoid99

Directions:

Sec. 16, T18N, R4W, in ROW on the west side of STH 27 up on knob in pasture near yellow highway ROW signs that are about 70 yds. from STH27 and about 0.25 mile north of the intersection with Eagle Ave.

Point Name: 25-184W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 44 0 26.680105 N ± 0.00492 [m]
Lon: 90 48 23.673070 W ± 0.00471 [m]
Ellipsoid Ht: 241.2153 ± 0.01080 [m]

Monroe County:

Northing: 402730.4879
Easting: 627608.8276
Orthometric Ht: 899.8056 (ft) from Geoid99

Directions:

Sec. 25, T18N, R4W, in ROW on south side of Festival Ave about 0.25 mile east of intersection with CTH B across the road from a utility pole.

Point Name: 32-184W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 43 59 20.872015 N ± 0.00437 [m]
Lon: 90 52 34.117926 W ± 0.00428 [m]
Ellipsoid Ht: 236.1028 ± 0.01016 [m]

Monroe County:

Northing: 396110.7308
Easting: 609285.0757
Orthometric Ht: 882.2679 (ft) from Geoid99

Directions:

Sec. 32, T18N, R4W, in ROW on the north side of Farmland Ave about 1.8 miles west of STH 27.

- **T19N R1E, TOWN OF SCOTT**

Point Name: 08-191E

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 44 8 35.978733 N ± 0.00430 [m]
Lon: 90 23 34.481466 W ± 0.00400 [m]
Ellipsoid Ht: 264.6271 ± 0.00722 [m]

Monroe County:

Northing: 452335.4755
Easting: 736303.3640
Orthometric Ht: 980.4380 (ft) from Geoid99

Directions:

Sec. 8, T19N, R1E, on the west side of Copper Rd in an open area at curve in road on public land about 1 mile north of the intersection with CTH EW.

- **T19N R1W, TOWN OF LINCOLN**

Point Name: LINCOLN EAST

GPS Order: 2 ppm (Secondary level)

Coordinate Data:

Geographic:

Lat: 44 6 10.233849 N ± 0.00302 [m]
Lon: 90 26 52.076245 W ± 0.01002 [m]
Ellipsoid Ht: 255.6114 ± 0.00463 [m]

Monroe County:

Northing: 437537.5393
Easting: 721928.9997
Orthometric Ht: 950.3997 (ft) from Geoid99

Directions:

Sec. 25, T19N, R1W, in ROW on the south side of CTH N about 0.4 mile east of intersection with Concord Ave.

Point Name: 03-191W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 44 8 59.206620 N ± 0.00389 [m]
Lon: 90 28 56.501589 W ± 0.00370 [m]
Ellipsoid Ht: 268.2853 ± 0.00717 [m]

Monroe County:

Northing: 454629.6399
Easting: 712816.3768
Orthometric Ht: 991.7083 (ft) from Geoid99

Directions:

Sec. 3, T19N, R1W, in ROW on south side of Atwood Ave about 0.3 mile west of intersection with Atom Rd and about 0.7 mile east of the intersection with CTH O.

Point Name: 17-191W

GPS Order: 4 ppm (Tertiary level) (DESTROYED BY CONSTRUCTION)

Coordinate Data:

Geographic:

Lat: 44 7 26.126797 N ± 0.00456 [m]
Lon: 90 31 41.079459 W ± 0.00400 [m]
Ellipsoid Ht: 281.3905 ± 0.00919 [m]

Monroe County:

Northing: 445183.7480
Easting: 700829.2464
Orthometric Ht: 1034.2811 (ft) from Geoid99

Directions:

Sec. 17, T19N, R1W, in ROW on the north side of CTH EW about 0.25 mile east of I94.

Point Name: 32-191W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 44 5 1.876164 N ± 0.00433 [m]
Lon: 90 31 35.793153 W ± 0.00367 [m]
Ellipsoid Ht: 289.0078 ± 0.00865 [m]

Monroe County:

Northing: 430576.3611
Easting: 701235.2403
Orthometric Ht: 1059.2229 (ft) from Geoid99

Directions:

Sec. 32, T19N, R1W, in ROW on the south side of CTH OO at the east side of the overpass of I94 and about 0.4 mile east of the intersection with USH 12.

- **T19N R2W, TOWN OF GRANT**

Point Name: BELT AZIMUTH

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 44 6 39.860334 N ± 0.00317 [m]
Lon: 90 36 13.128538 W ± 0.00341 [m]
Ellipsoid Ht: 278.3415 ± 0.00726 [m]

Monroe County:

Northing: 440480.1963
Easting: 680986.4314
Orthometric Ht: 1023.6151 (ft) from Geoid99

Directions:

Sec. 22, T19N, R2W, in ROW on the west side of Co Hwy E approximately 0.3 mi south of Bittersweet Ave.

- **T19N R3W, TOWN OF NEW LYME**

Point Name: NEW LYME SW

GPS Order: 2 ppm (Secondary level)

Coordinate Data:

Geographic:

Lat: 44 5 27.091096 N ± 0.00345 [m]
Lon: 90 47 30.765572 W ± 0.00835 [m]
Ellipsoid Ht: 243.1507 ± 0.00489 [m]

Monroe County:

Northing: 433144.6635
Easting: 631531.2009
Orthometric Ht: 906.2275 (ft) from Geoid99

Directions:

Sec. 30, T19N, R3W, in ROW on east side of Benton Rd about 100 yds. north of intersection with CTH I, up on bank next to fence.

Point Name: 07-193W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 44 8 18.093375 N ± 0.00336 [m]
Lon: 90 46 54.730819 W ± 0.00409 [m]
Ellipsoid Ht: 270.0721 ± 0.00847 [m]

Monroe County:

Northing: 450457.0611
Easting: 634190.6990
Orthometric Ht: 994.7949 (ft) from Geoid99

Directions:

Sec. 7, T19N, R3W, in ROW on south side of CTH S about 1 mile west of the intersection with Amber Rd on top of bank.

• **T19N R4W, TOWN OF LITTLE FALLS (NORTH PART)**

Point Name: LITTLE FALLS NW

GPS Order: 2 ppm (Secondary level)

Coordinate Data:

Geographic:

Lat: 44 9 6.476520 N ± 0.00315 [m]
Lon: 90 53 46.121931 W ± 0.00617 [m]
Ellipsoid Ht: 241.2347 ± 0.00519 [m]

Monroe County:

Northing: 455428.5149
Easting: 604203.7209
Orthometric Ht: 898.9670 (ft) from Geoid99

Directions:

Sec. 6, T19N, R4W, in ROW on west side of Aaron Ave about 100 yds. north of intersection with Abalone Ave, and about 1.6 miles north of the intersection with Acorn Ave, up on bank.

Point Name: 10-194W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 44 7 47.904666 N ± 0.00444 [m]
Lon: 90 51 6.269595 W ± 0.00393 [m]
Ellipsoid Ht: 242.6097 ± 0.00850 [m]

Monroe County:

Northing: 447438.8615
Easting: 615838.5801
Orthometric Ht: 903.8784 (ft) from Geoid99

Directions:

Sec. 10, T19N, R4W, in ROW on east side of Aaron Ave at crest of hill about 0.05 mile north of intersection with Acorn Ave on south side of a utility pole.

Point Name: 19-194W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 44 6 14.494958 N ± 0.00364 [m]
Lon: 90 53 55.506906 W ± 0.00348 [m]
Ellipsoid Ht: 239.2627 ± 0.00741 [m]

Monroe County:

Northing: 438014.4491
Easting: 603465.1606
Orthometric Ht: 892.3594 (ft) from Geoid99

Directions:

Sec. 19, T19N, R4W, in ROW on north side of Balloon Ave about 70 feet west of intersection with Canyon Ave.

Point Name: 33-194W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 44 4 40.051799 N ± 0.00404 [m]
Lon: 90 51 43.435267 W ± 0.00368 [m]
Ellipsoid Ht: 225.7164 ± 0.00782 [m]

Monroe County:

Northing: 428422.5680
Easting: 613076.9327
Orthometric Ht: 848.2969 (ft) from Geoid99

Directions:

Sec. 33, T19N, R4W, in ROW on the east side of Cardinal Rd about 100 yds south of intersection with Carriage Ave south of a utility pole.

- **T19N R5W, TOWN OF LITTLE FALLS (WEST PART)**

Point Name: 22-195W

GPS Order: 4 ppm (Tertiary level)

Coordinate Data:

Geographic:

Lat: 44 6 21.774693 N ± 0.00347 [m]
Lon: 90 57 30.426749 W ± 0.00386 [m]
Ellipsoid Ht: 223.0998 ± 0.00671 [m]

Monroe County:

Northing: 438806.2040
Easting: 587785.2214
Orthometric Ht: 838.7313 (ft) from Geoid99

Directions:

Sec. 22, T19N, R5W, in ROW on east side of Backtrail Rd about .75 mile north of intersection with STH 71 next to fence.

POINTS LOCATED OUTSIDE OF MONROE COUNTY BY TOWNSHIP:

- **T15N-R5W, TOWN OF WASHINGTON, LA CROSSE COUNTY**

Point Name: WASHINGTON SE

GPS Order: 2 ppm (Secondary level)

Coordinate Data:

Geographic:

Lat: 43 43 31.337791 N ± 0.00487 [m]
Lon: 90 54 38.665775 W ± 0.00697 [m]
Ellipsoid Ht: 222.4502 ± 0.00828 [m]

Monroe County:

Northing: 299985.7982
Easting: 599865.5186
Orthometric Ht: 837.3284 (ft) from Geoid99

Directions:

Sec. 36, T15N, R5W, in ROW on north side of CTH P about 0.21 mile west of the intersection of CTH P and Oakdale Ave.

- **T17N-R5W, TOWN OF BURNS, LA CROSSE COUNTY**

Point Name: BURNS EAST GPS

GPS Order: 2 ppm (Secondary level)

Coordinate Data:

Geographic:

Lat: 43 55 36.335410 N
Lon: 90 54 37.889783 W
Ellipsoid Ht: 203.0571 [m]

Monroe County:

Northing: 373400.7619
Easting: 600161.8138
Orthometric Ht: 773.6241 (ft) from Geoid99

Directions:

Sec. 25, T17N, R5W, in ROW on south side of STH 16 at the Monroe/La Crosse County line about 0.5 mile east of the intersection of CTH J and STH 16.

- **T18N-R2E, TOWN OF CUTLER, JUNEAU COUNTY**

Point Name: CUTLER WEST GPS

GPS Order: 1 ppm (Primary level)

Coordinate Data:

Geographic:

Lat: 44 3 39.616440 N
Lon: 90 17 25.734760 W
Ellipsoid Ht: 246.5870 [m]

Monroe County:

Northing: 422421.6115
Easting: 763320.9055
Orthometric Ht: 922.1504 (ft) from Geoid99

Directions:

Sec. 5, T187N, R2E, in ROW on west side of CTH H about 0.28 mile south of the intersection of CTH H and Mullhoney Rd.

- **T18N-R5W, TOWN OF BURNS, LA CROSSE COUNTY**

Point Name: BURNS NORTH GPS

GPS Order: 1 ppm (Primary level)

Coordinate Data:

Geographic:

Lat: 44 3 1.154900 N
Lon: 90 55 35.830740 W
Ellipsoid Ht: 236.3390 [m]

Monroe County:

Northing: 418459.6160
Easting: 596076.8517
Orthometric Ht: 882.4950 (ft) from Geoid99

Directions:

Sec. 12, T18N, R5W, in ROW on northeast side of CTH A at the intersection of CTH A and a town road, about 0.5 mile wesst of the intersection of CTH A and STH 162.

- **T20N-R2W, TOWN OF WYMAN LAKE, JACKSON COUNTY**

Point Name: WYMAN LAKE GPS

GPS Order: 1 ppm (Primary level)

Coordinate Data:

Geographic:

Lat: 44 10 7.490640 N
Lon: 90 36 1.433370 W
Ellipsoid Ht: 256.2760 [m]

Monroe County:

Northing: 461507.0172
Easting: 681829.2150
Orthometric Ht: 951.3367 (ft) from Geoid99

Directions:

Sec. 34, T20N, R2W, in ROW on west side of USH 12 in Jackson County approximately 0.75 miles by road, northwest of the Monroe and Jackson County boundary.