

DISCLAIMER:

The elevation shown hereon was GPS derived and is subject to the accuracies/inaccuracies of that methodology. It is shown for informational purposes only and should NOT be used as a published elevation reference mark. Should you need an elevation reference mark, utilize those published by federal or state agencies. The monuments were checked for their accuracy in February of 2017.

FEBRUARY 2017 OBSERVATIONS

Pt. #	Published Northing	Published Easting	Published Elev.	Description	Observed Northing	Observed Easting	Observed Elev.	Δ Northing	Δ Easting	Δ Elev.
1	1574165.783	3080241.65	763.899	MG39	1574165.798	3080241.736	763.731	-0.015	-0.086	0.168
2	1551303.244	3075974.333	781.891	MG38	1551303.369	3075974.398	781.769	-0.125	-0.065	0.122
3	1504158.769	3087295.728	568.696	MG36	1504158.788	3087295.823	568.729	-0.019	-0.095	-0.033
4	1544463.653	3133587.565	616.609	MT76 (CBN Sta.-T76) HARN	1544463.585	3133587.597	616.343	0.068	-0.032	0.266
5	1492539.402	3186469.721	787.494	MG35	1492539.448	3186469.863	787.814	-0.046	-0.142	-0.32
7	1565130.236	3182323.95	708.758	MGG9	1565130.356	3182324.127	708.57	-0.12	-0.177	0.188
8	1499690.591	3166743.134	630.992	MG34	1499690.666	3166743.29	631.359	-0.075	-0.156	-0.367
10	1522691.558	3137786.491	605.405	MG31	1522691.628	3137786.544	605.368	-0.07	-0.053	0.037
11	1593061.365	3155891.034	674.316	MC64 (CBN Sta.-C64) HARN	1593061.447	3155891.06	674.193	-0.082	-0.026	0.123
12	1536261.165	3105764.509	863.902	MG37	1536261.254	3105764.569	863.693	-0.089	-0.06	0.209
13	1559866.005	3128110.783	842.678	MQ76	1559866.078	3128110.851	842.336	-0.073	-0.068	0.342
14	1572532.359	3113732.934	769.273	MT47	1572532.436	3113732.992	768.923	-0.077	-0.058	0.35
15	1502843.139	3117581.322	698.879	MG30	1502843.191	3117581.43	699.273	-0.052	-0.108	-0.394
16	1515322.668	3114258.894	592.767	MN13 (CBN Sta.-N13) HARN	1515322.678	3114258.986	592.944	-0.01	-0.092	-0.177

Morgan County, Indiana - GPS Control Network Reference & Information Sheet Point ID - MT47

General Location:

Indiana State Plane Coordinates

Indiana West Zone - NAD 83 / NAVD 88

Section: 15 Twp. 13N Range 1W

U.S. Survey Feet

Monument is a standard U.S.G.S. bronze disk in a concrete base 1 inch above ground surface on the south side of Hinshaw Road & west of the cl of Allen Road extended

Northing: 1572532.359

Easting: 3113732.934

Elevation: 769.273

Roads. Monument is stamped "TT47 RJH 1952 769" and approx. 21 feet south of the cl of Hinshaw road and 6 ft. west of the extended cl of Allen Road.

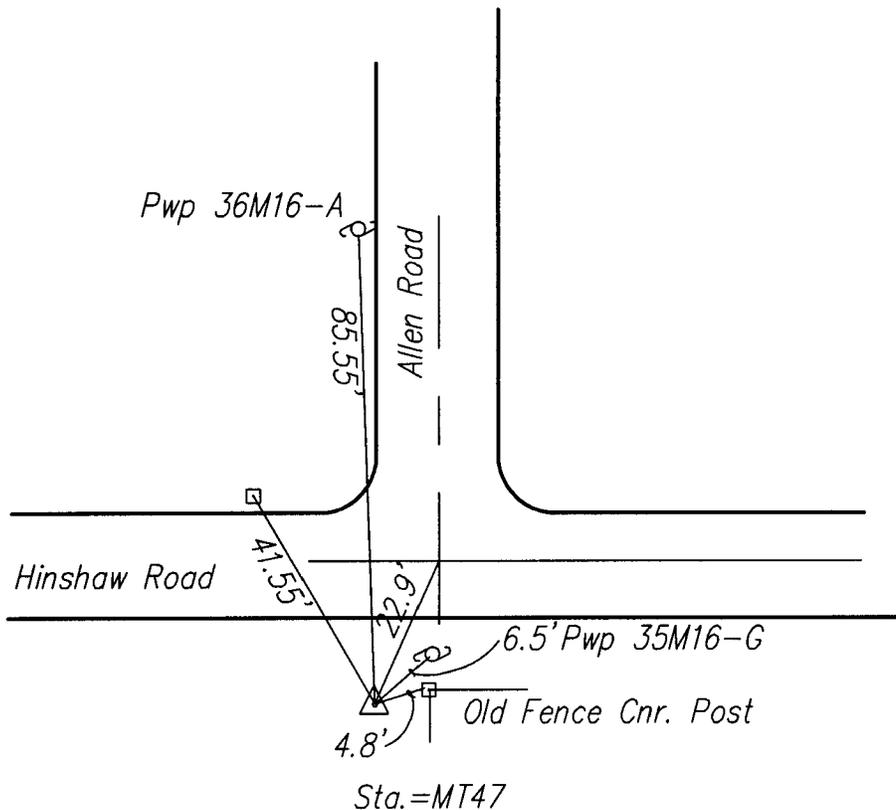
Meters

Northing: 479308.822

Easting: 949067.696

Elevation: 234.475

Monument is a third order benchmark with a record elevation of 769.206 NVD29.



Morgan County, Indiana - GPS Control Network Reference & Information Sheet Point ID - MT76 (CBN Sta. - T76)

General Location:

Section: 7 Twp. 12N Range 1E

Monument is a standard U.S.G.S. bronze disk in a concrete base flush with ground surface in the northwest quadrant of the drive way at 4160 S.R. 39
Monument is stamped "T 76 1946"
Monument is a second order benchmark with a record elevation of 616.37 NAVD88.

Indiana State Plane Coordinates

Indiana West Zone - NAD 83 / NAVD 88

U.S. Survey Feet

Northing: 1544463.653

Easting: 3133587.565

Elevation: 616.609

Meters

Northing: 470753.463

Easting: 955119.400

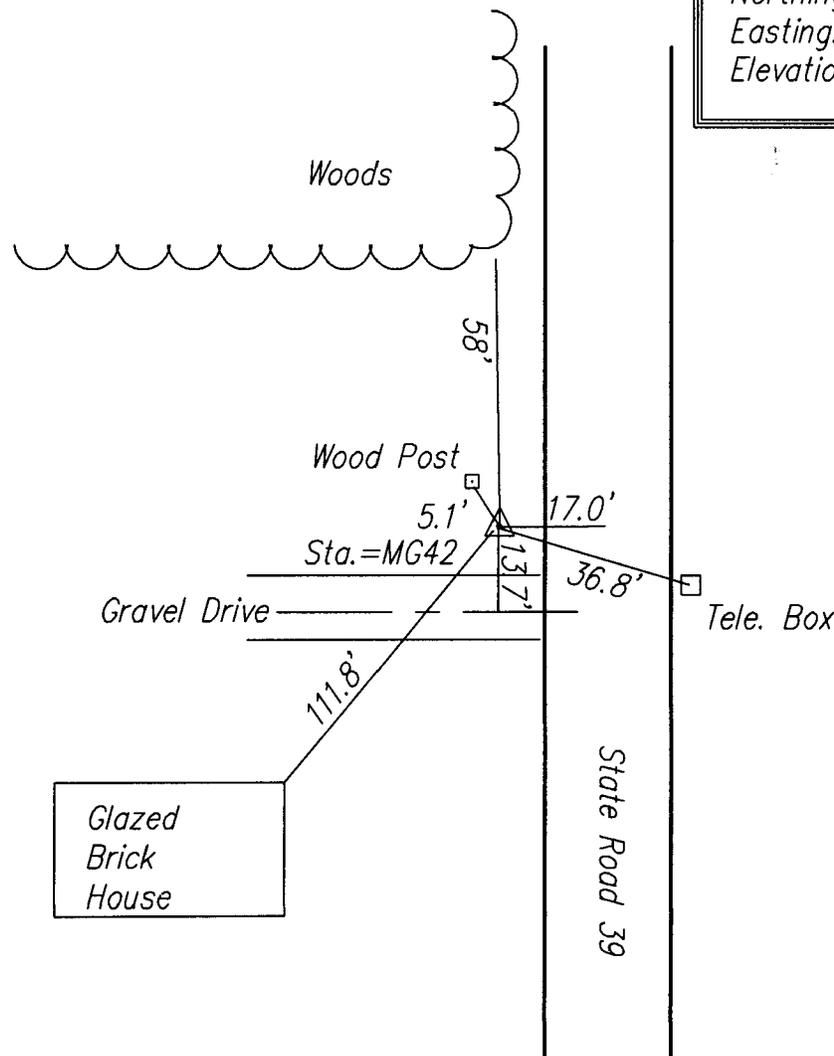
Elevation: 187.943

N.G.S. Rec. Coord. - Meters

Northing: 470753.481

Easting: 955119.425

Elevation: 187.869



Morgan County, Indiana - GPS Control Network Reference & Information Sheet Point ID - MG37

General Location:

Section: 20 Twp. 12N Range 1W

Mark is a Bernsten Sectional Rod Monument driven 6.5 feet deep in the grass area east of Hancock Ridge Road and in line with the north-south fenceline of a livestock lot on the T. Brock residence. Access lid to mark is just below ground surface.

Indiana State Plane Coordinates

Indiana West Zone - NAD 83 / NAVD 88

U.S. Survey Feet

Northing: 1536261.165

Easting: 3105764.509

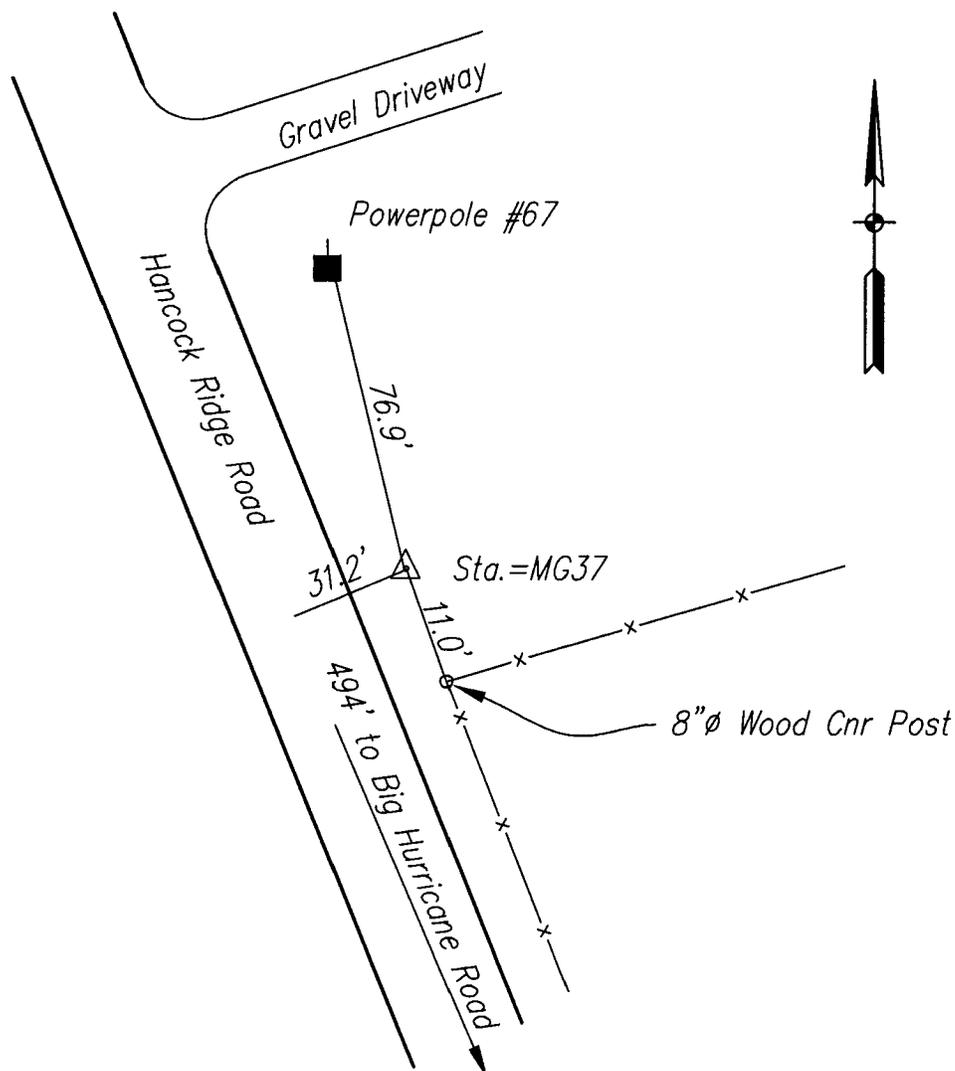
Elevation: 863.902

Meters

Northing: 468253.340

Easting: 946638.916

Elevation: 263.318



Morgan County, Indiana - GPS Control Network Reference & Information Sheet Point ID - MG42

General Location:

Section: 3 Twp. 12N Range 1E

Mark is a Bernsten Sectional Rod Monument driven 6.5 feet deep in the grass area west of Blue Bluff Road, 325'± south of the entrance to the Morgan County Highway garage, between the edge of pavement and the chainlink fence. Access lid to mark is just below ground surface.

Indiana State Plane Coordinates

Indiana West Zone - NAD 83 / NAVD 88

U.S. Survey Feet

Northing: 1551280.717

Easting: 3145702.279

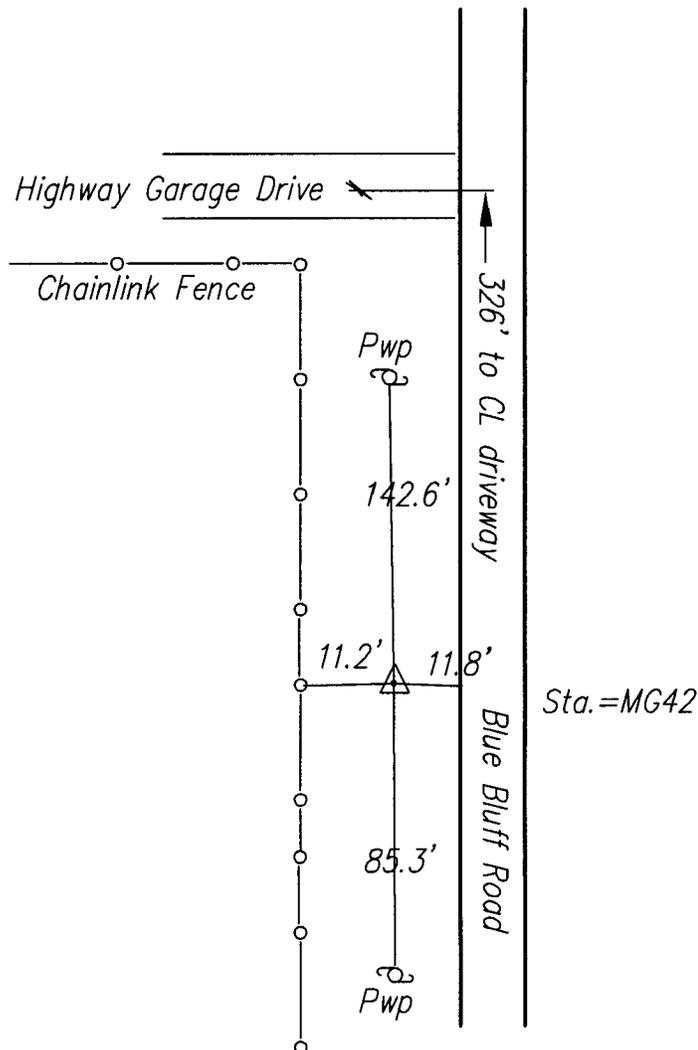
Elevation: 614.670

Meters

Northing: 472831.308

Easting: 958811.972

Elevation: 187.352



Morgan County, Indiana - GPS Control Network Reference & Information Sheet Point ID - MQ76

General Location:

Section: ~~31~~³⁰ Twp. 13N Range 1E

Indiana State Plane Coordinates

Indiana West Zone - NAD 83 / NAVD 88

U.S. Survey Feet

Northing: 1559866.005

Easting: 3128110.783

Elevation: 842.678

Meters

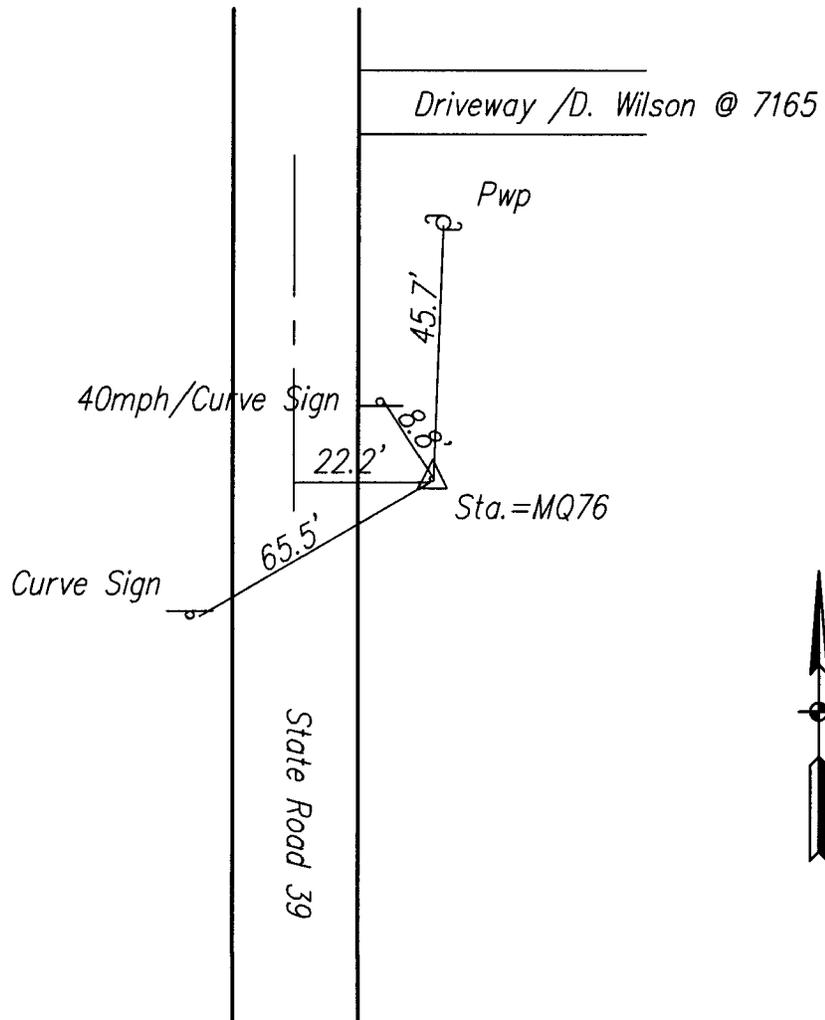
Northing: 475448.109

Easting: 953450.074

Elevation: 256.849

Monument is a standard U.S.G.S. bronze disk in a concrete base 2 inches above ground surface on the east side of S.R. 39 and south of the drive way at 7165 S.R. 39
Monument is stamped "Q 76 1946"

Monument is a second order benchmark with a record elevation of 842.21 NAVD88.



Morgan County, Indiana - GPS Control Network Reference & Information Sheet Point ID - MC64 (CBN Sta. - C64)

General Location:

Section: 25 Twp. 14N Range 2E

Monument is a standard U.S.G.S. bronze disk stamped "C 64 1946" in a concrete base base 3 inches above ground surface on the east side of Old State Road 67 between the roadway and the parking lot of the EMS building. Monument is a second order benchmark with a record elevation of 674.19 NAVD88.

Indiana State Plane Coordinates

Indiana West Zone - NAD 83 / NAVD 88

U.S. Survey Feet

Northing: 1593061.365

Easting: 3155891.034

Elevation: 674.316

Meters

Northing: 485566.075

Easting: 961917.511

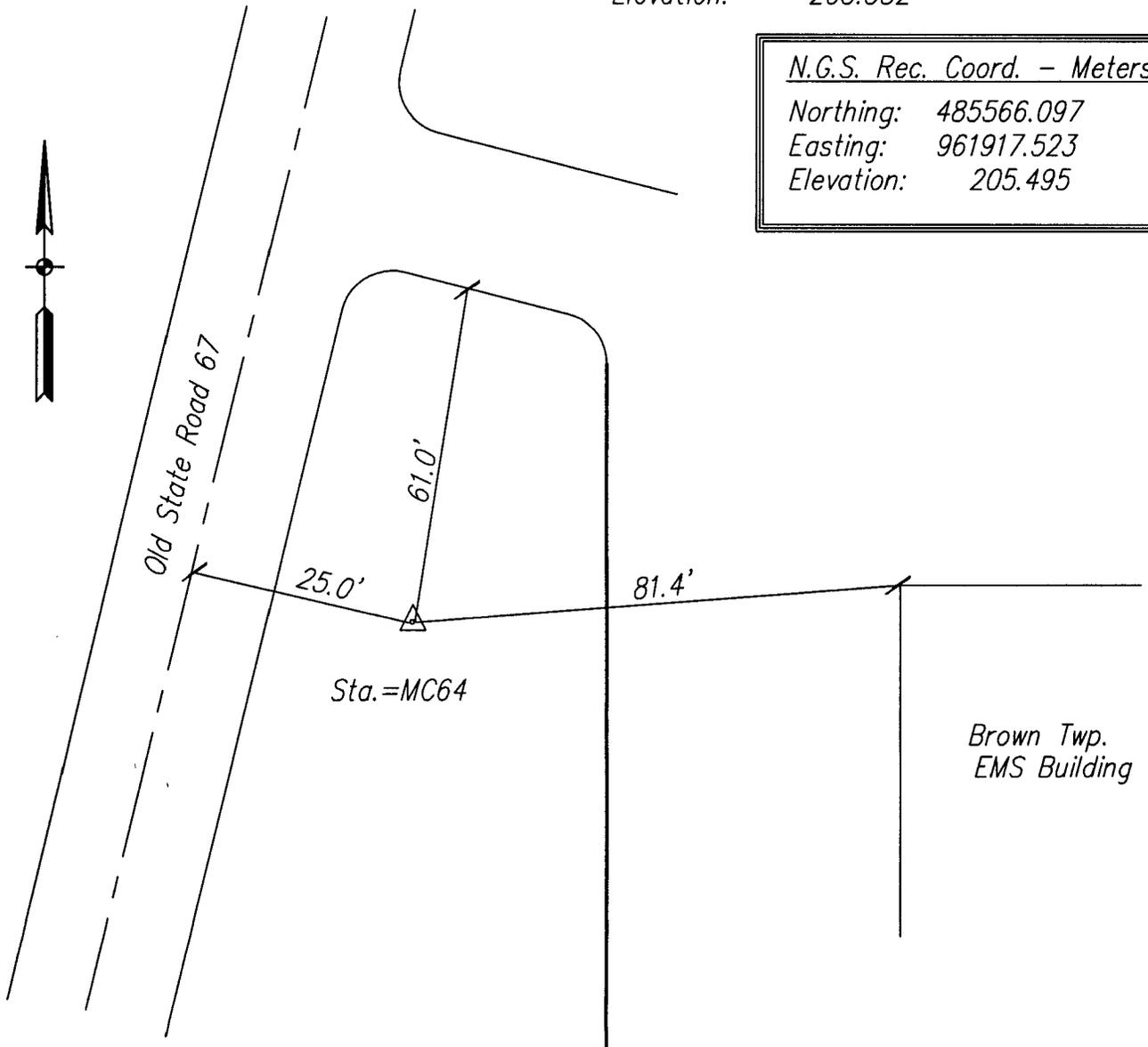
Elevation: 205.532

N.G.S. Rec. Coord. - Meters

Northing: 485566.097

Easting: 961917.523

Elevation: 205.495



Morgan County, Indiana - GPS Control Network Reference & Information Sheet Point ID - MG41

General Location:

Section: 21 Twp. 12N Range 2E

Mark is a Bernsten Sectional Rod Monument driven 6.5 feet deep in the grass area east of the East parking lot of Green Township School between the chainlink fence and the asphalt and 36.6 ft. south of the edge of pavement of Maple Grove Road. Access lid to mark is just below ground surface.

Indiana State Plane Coordinates

Indiana West Zone - NAD 83 / NAVD 88

U.S. Survey Feet

Northing: 1536865.846

Easting: 3170849.791

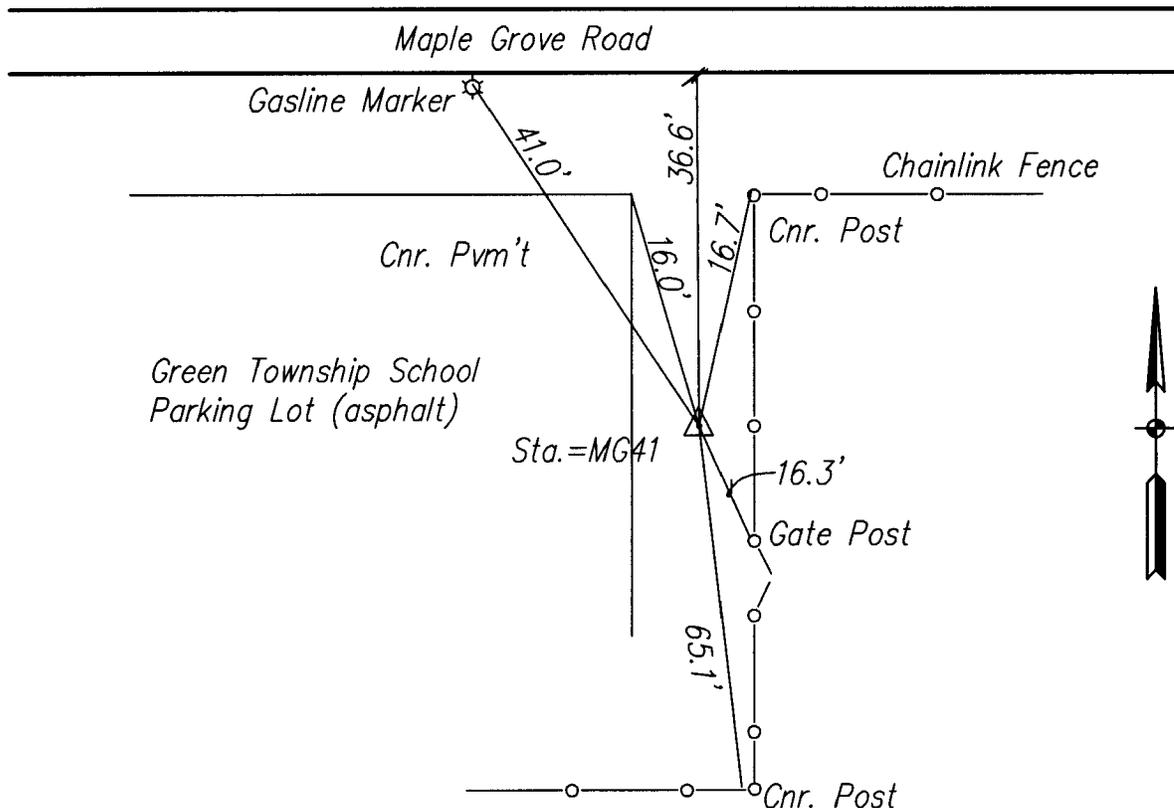
Elevation: 654.985

Meters

Northing: 4684373.647

Easting: 966476.949

Elevation: 199.640



Morgan County, Indiana - GPS Control Network Reference & Information Sheet Point ID - MGG9

General Location:

Section: 31 Twp. 13N Range 1E

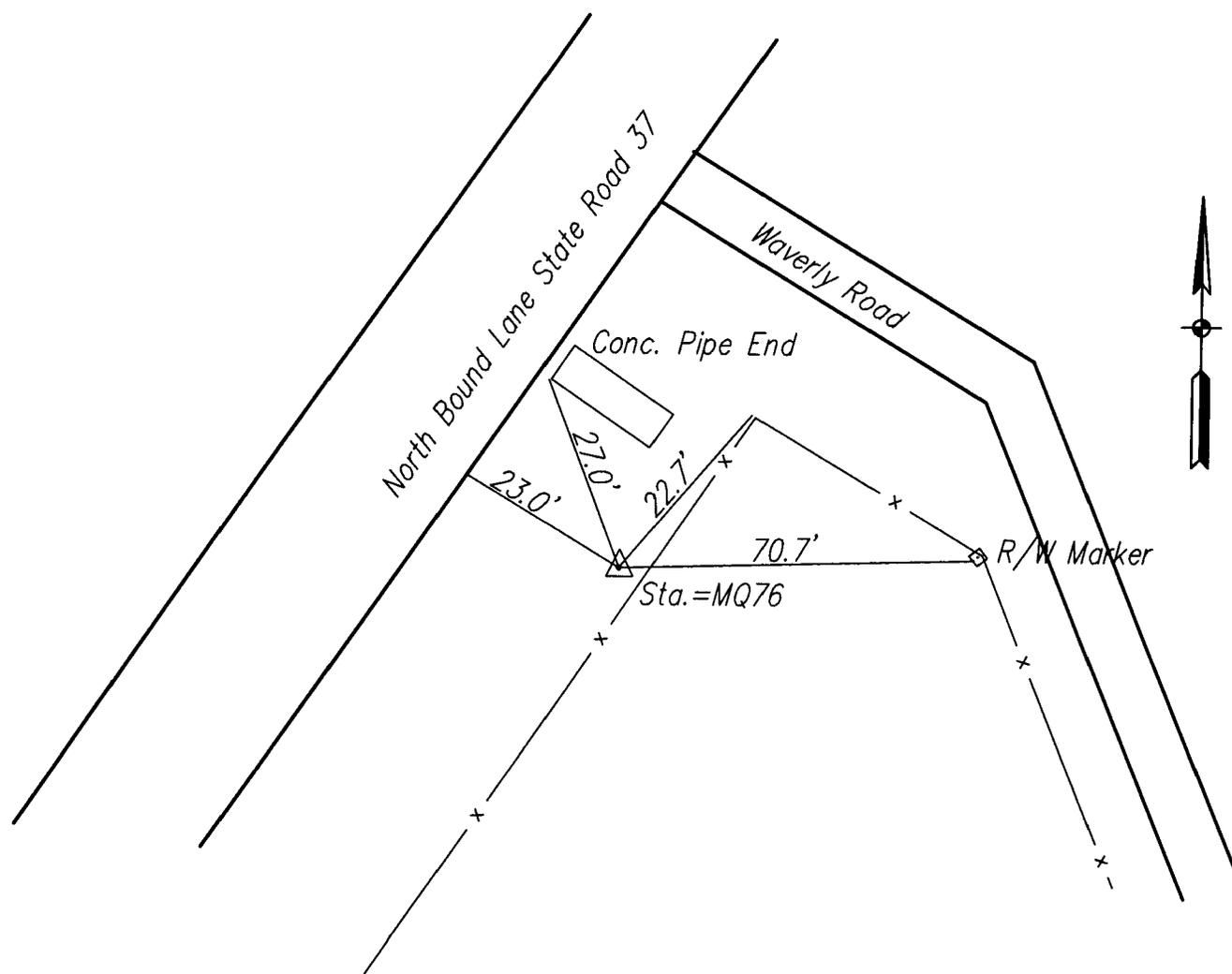
Mark is an Indiana Dept. of Highways
Benchmark set in the southeast quadrant
of the northbound lane of S.R. 37 and
Waverly Road. Mark is a 10 inch by 10 inch
concrete pillar post 20 inches tall at the
north-south L/A right-of-way fencing.
Mark is stamped "MOR G9"
No Record elevation was found.

Indiana State Plane Coordinates
Indiana West Zone - NAD 83 / NAVD 88
U.S. Survey Feet

Northing: 1565130.236
Easting: 3182323.950
Elevation: 708.758

Meters

Northing: 477052.650
Easting: 969974.280
Elevation: 216.030



Morgan County, Indiana - GPS Control Network Reference & Information Sheet Point ID - MG38

General Location:

Section: 4 Twp. 12N Range 2W

Indiana State Plane Coordinates

Indiana West Zone - NAD 83 / NAVD 88

U.S. Survey Feet

Northing: 1551303.244

Easting: 3075974.333

Elevation: 781.891

Meters

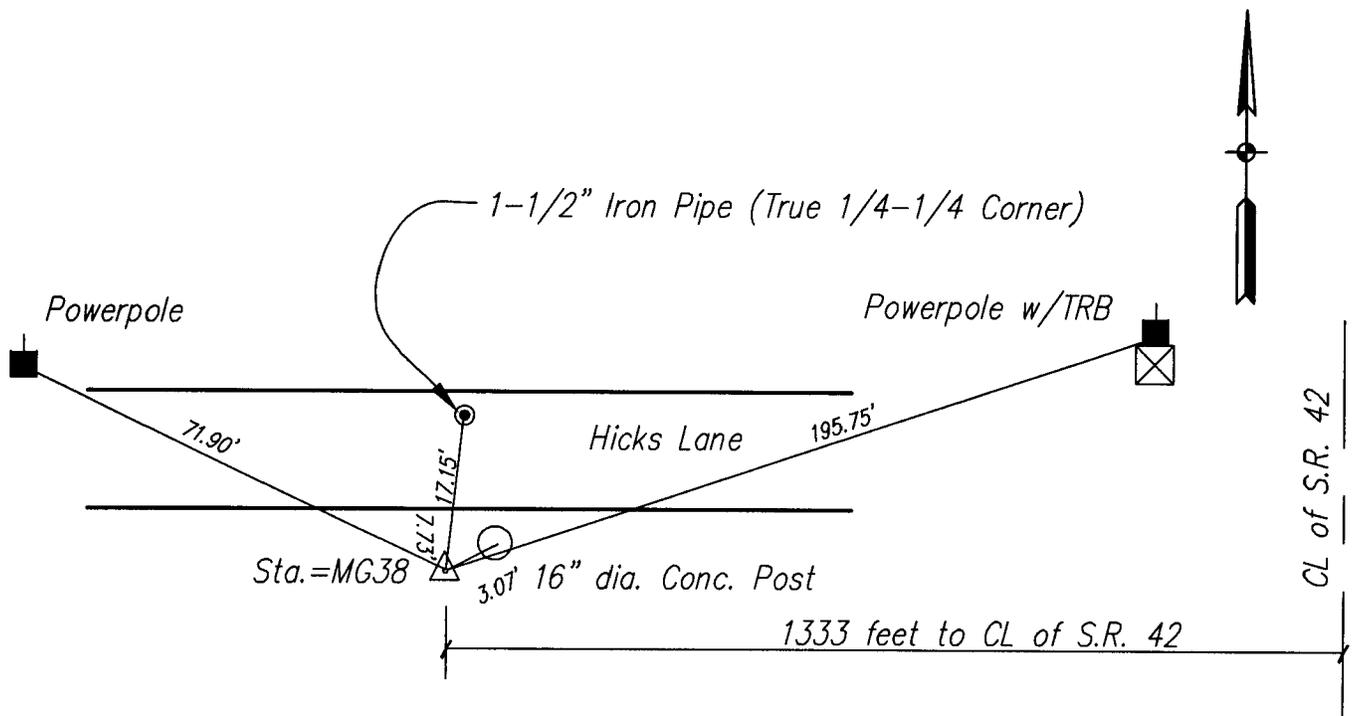
Northing: 472838.174

Easting: 937558.852

Elevation: 238.321

Mark is a Reset Morgan County Section Corner Monument set 7.7 feet south of the south edge of chip-n-seal surface of Hicks Lane. Mark is a typical Morgan County concrete post with bronze disk 3 inches above ground surface with an orange Carsonite witness post.

Note: Prior surveys show that this mark is not the proper legal corner.



Morgan County, Indiana - GPS Control Network Reference & Information Sheet Point ID - MG39

General Location:

Section: 15 Twp. 13N Range 2W

Mark is a Bernsten Sectional Rod Monument driven 6.5 feet deep in the grass area between Martin Smith (frontage) Rd and the L/A right-of-way fence of the entrance ramp on the south side of the I-70 East interchange at Little Point. Access lid to mark is just below ground surface.

Indiana State Plane Coordinates

Indiana West Zone - NAD 83 / NAVD 88

U.S. Survey Feet

Northing: 1574165.783

Easting: 3080241.650

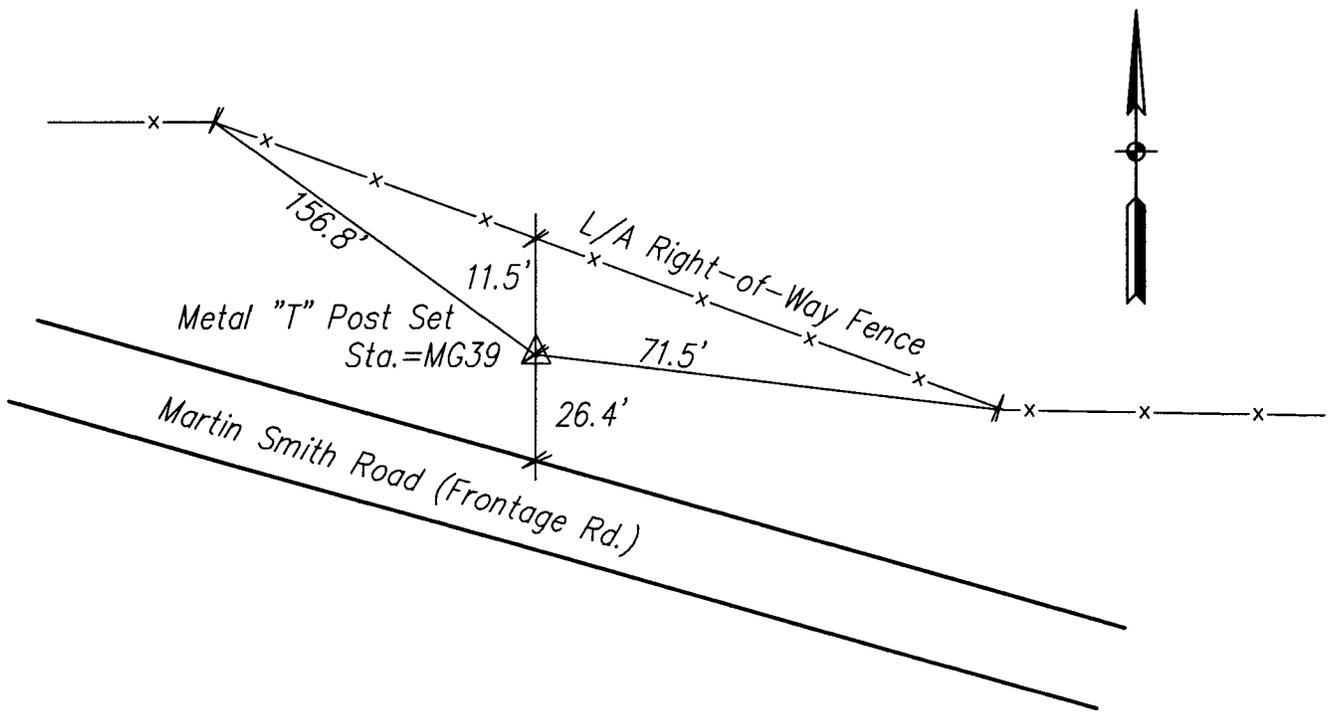
Elevation: 763.899

Meters

Northing: 479806.690

Easting: 938859.533

Elevation: 232.837



Morgan County, Indiana - GPS Control Network Reference & Information Sheet Point ID - MG36

General Location:

Section: 23 Twp. 11N Range 2W

Mark is a Bernsten Sectional Rod Monument driven 6.5 feet deep in the grass area east of Lingle Rd, 15.6 feet west of and in line with the south east-west fenceline around a utility sub-station and southwest of a concrete shelter building. Mark is across Lingle Road from the Whitaker Baptist Church. Access lid to mark is just below ground surface with Metal "T" Post.

Indiana State Plane Coordinates

Indiana West Zone - NAD 83 / NAVD 88

U.S. Survey Feet

Northing: 1504158.769

Easting: 3087295.728

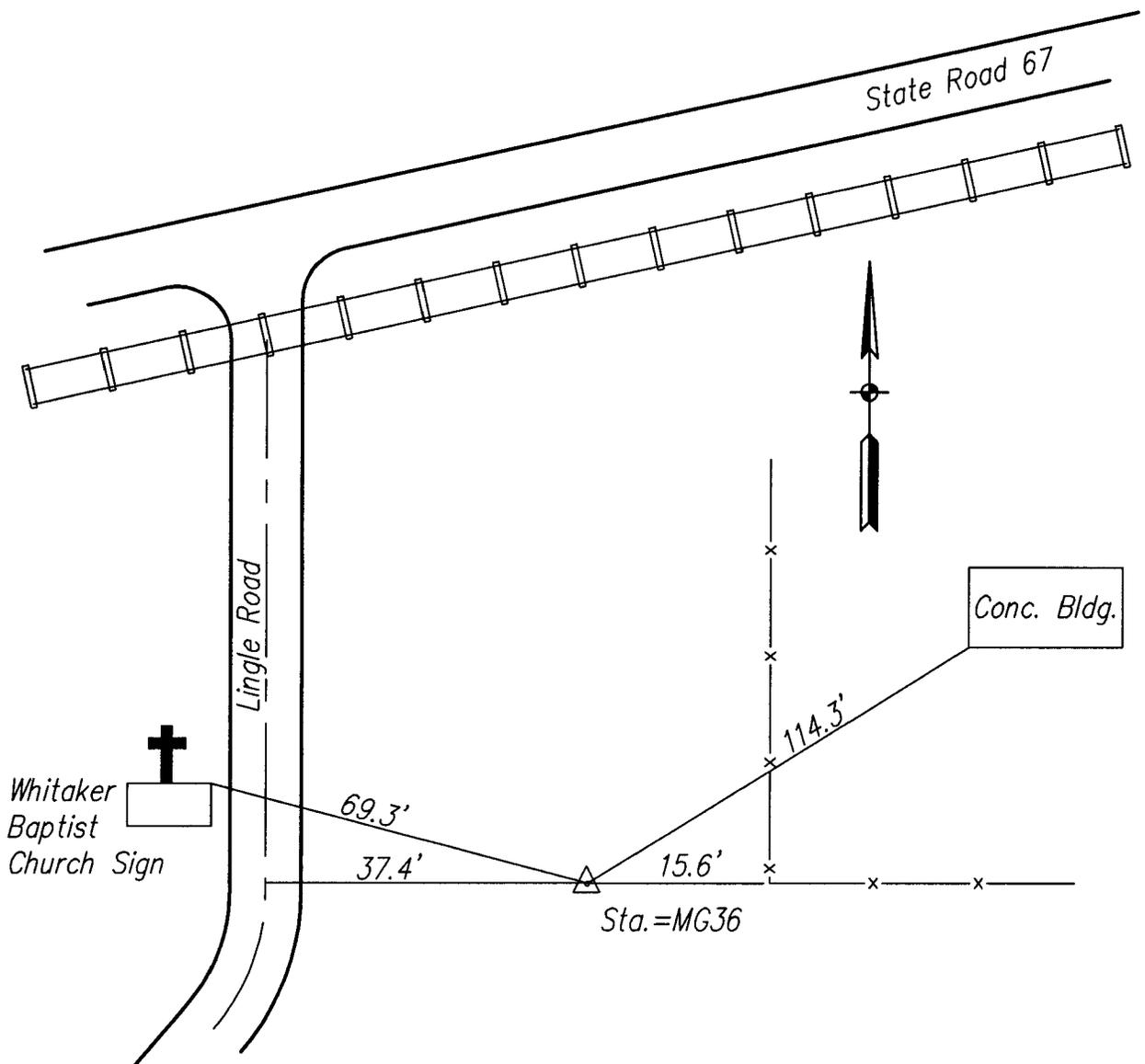
Elevation: 568.696

Meters

Northing: 458468.510

Easting: 941009.620

Elevation: 173.339



Morgan County, Indiana - GPS Control Network Reference & Information Sheet Point ID - MG35

General Location:

Section: 36 Twp. 11N Range 2E

Mark is a Johnson County Bronze Monument set in concrete on the east side of SR 135 approximately 200 yards north of the Morgan County / Brown County line with an orange Carsonite witness post labeled "Johnson County Surveyors Office" Monument is stamped "JHN 35" and is flush with ground surface.

Indiana State Plane Coordinates

Indiana West Zone - NAD 83 / NAVD 88

U.S. Survey Feet

Northing: 1492539.402

Easting: 3186469.721

Elevation: 787.494

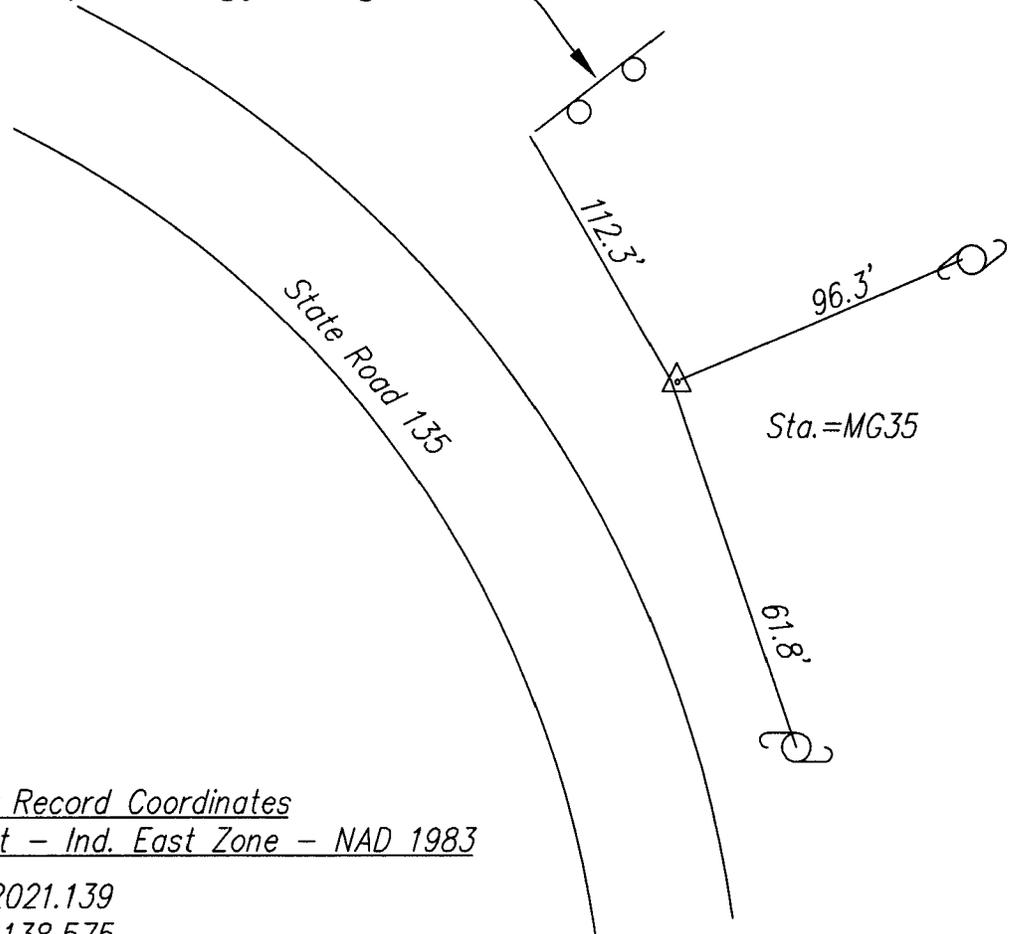
Meters

Northing: 454926.919

Easting: 971237.914

Elevation: 240.029

Clocks/Trilogy Sign



Johnson County Record Coordinates

U.S. Survey Feet - Ind. East Zone - NAD 1983

Northing: 1492021.139

Easting: 161138.575

Elevation: 788.876

Morgan County, Indiana - GPS Control Network Reference & Information Sheet Point ID - MG34

General Location:

Section: 29 Twp. 11N Range 2W

Indiana State Plane Coordinates

Indiana West Zone - NAD 83 / NAVD 88

U.S. Survey Feet

Mark is a Bernsten Sectional Rod Monument driven 8.0 feet deep in the grass area of a field divide 21 ft. north of the centerline of Railroad Road near the E 1/2 corner of Section 29, approx. 1/4 mile west of a jog in the roadway. Access lid to mark is just below ground surface.

Northing: 1499690.591

Easting: 3166743.134

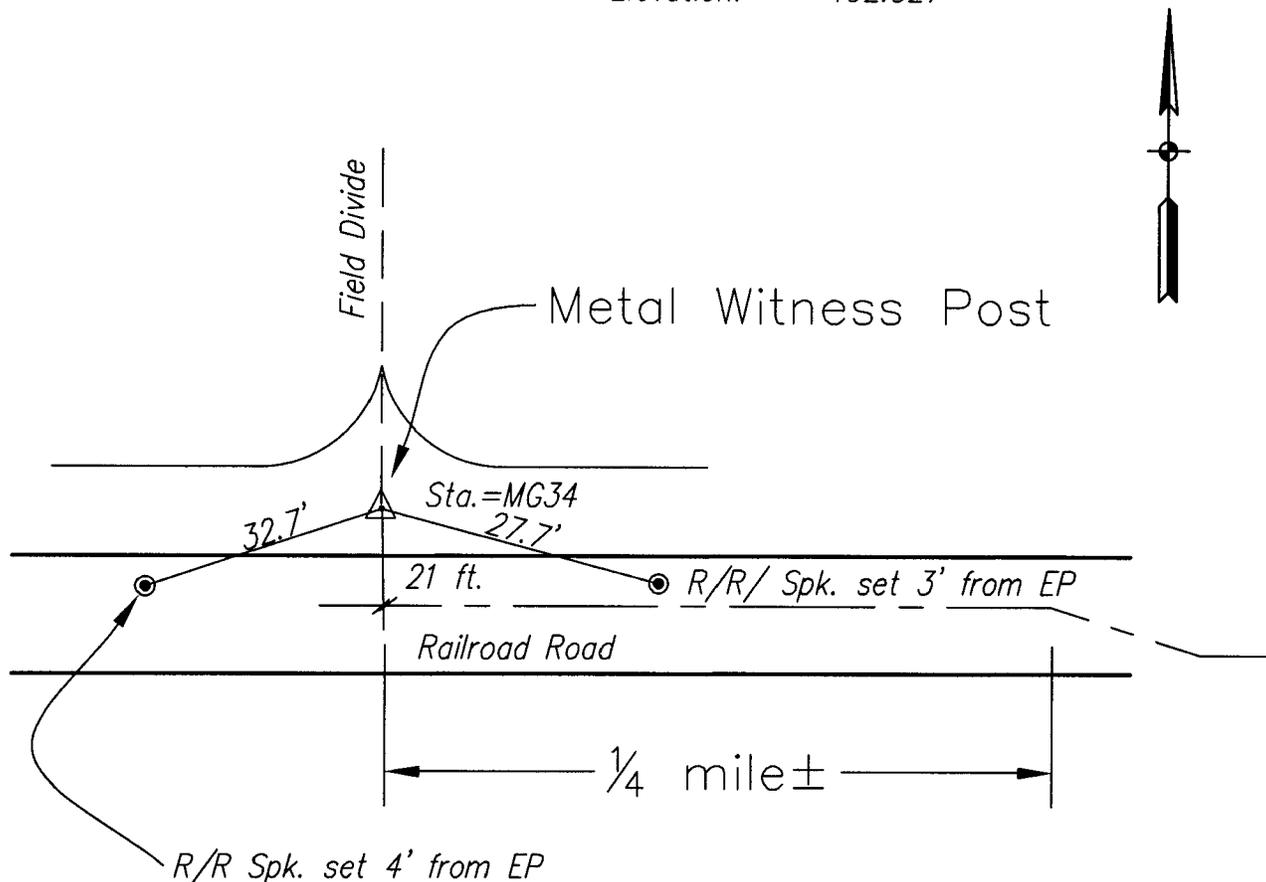
Elevation: 630.992

Meters

Northing: 457106.606

Easting: 965225.238

Elevation: 192.327



Morgan County, Indiana - GPS Control Network Reference & Information Sheet Point ID - MG31

General Location:

Section: 33 Twp. 12N Range 1E

Mark is a Reset Morgan County Section Corner Monument set at the Southwest corner of the Courthouse Square in Martinsville marking the south 1/2 mile of Section 33; T12N; R1E of the 2nd P.M. The mark is flush with surface of brick pavers just inside of the concrete walk.

Indiana State Plane Coordinates

Indiana West Zone - NAD 83 / NAVD 88

U.S. Survey Feet

Northing: 1522691.558

Easting: 3137786.491

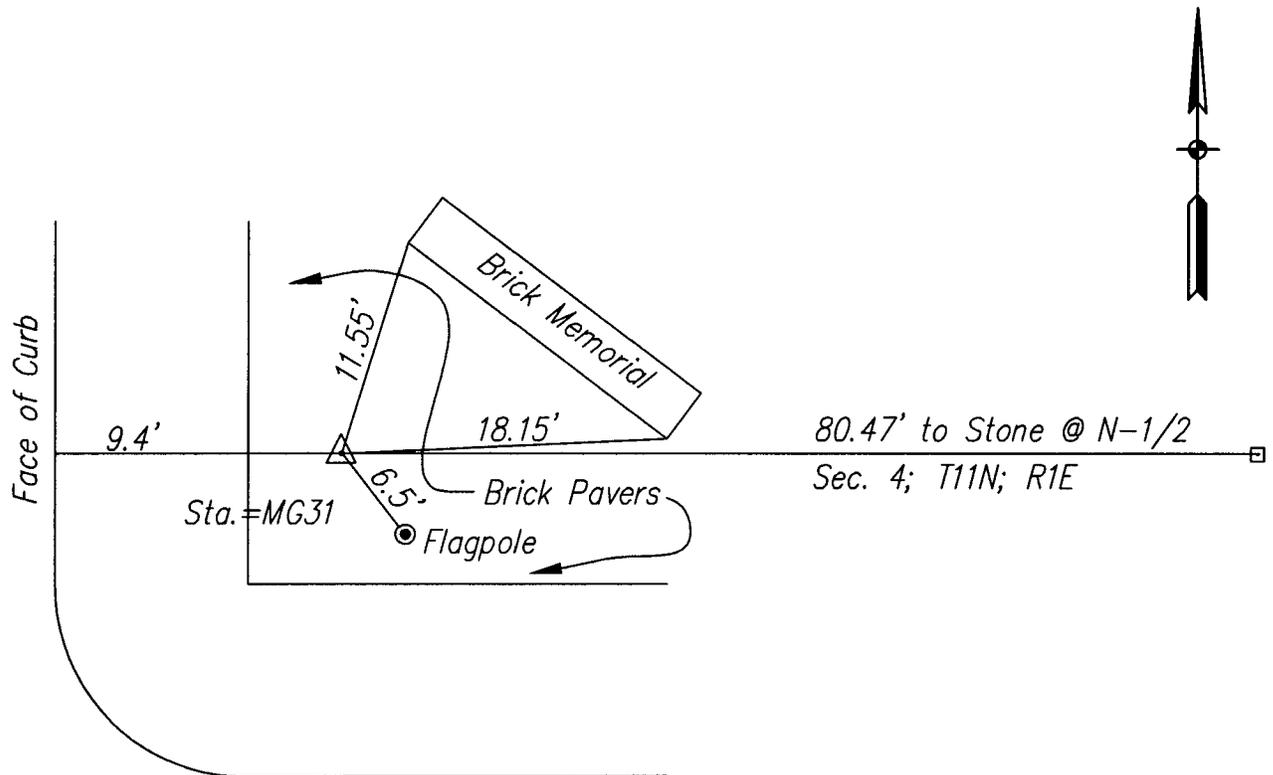
Elevation: 605.405

Meters

Northing: 464117.315

Easting: 956399.235

Elevation: 184.528



Morgan County, Indiana - GPS Control Network Reference & Information Sheet Point ID - MN13 (CBN Sta. - N13)

General Location:

Section: 10 Twp. 11N Range 1W

Monument is a standard U.S.G.S. bronze disk in a concrete base 2 inches above ground surface in the south fence row of the railroad right-of-way 55 feet east of Buffalo Rd. Monument is stamped "N 13 1930 593.427" and approx. 23 feet south of the south rail & 95 feet south of SR 67. Monument is a First Order benchmark with a record elevation of 593.01 NAVD88.

Indiana State Plane Coordinates

Indiana West Zone - NAD 83 / NAVD 88

U.S. Survey Feet

Northing: 1515322.668

Easting: 3114258.894

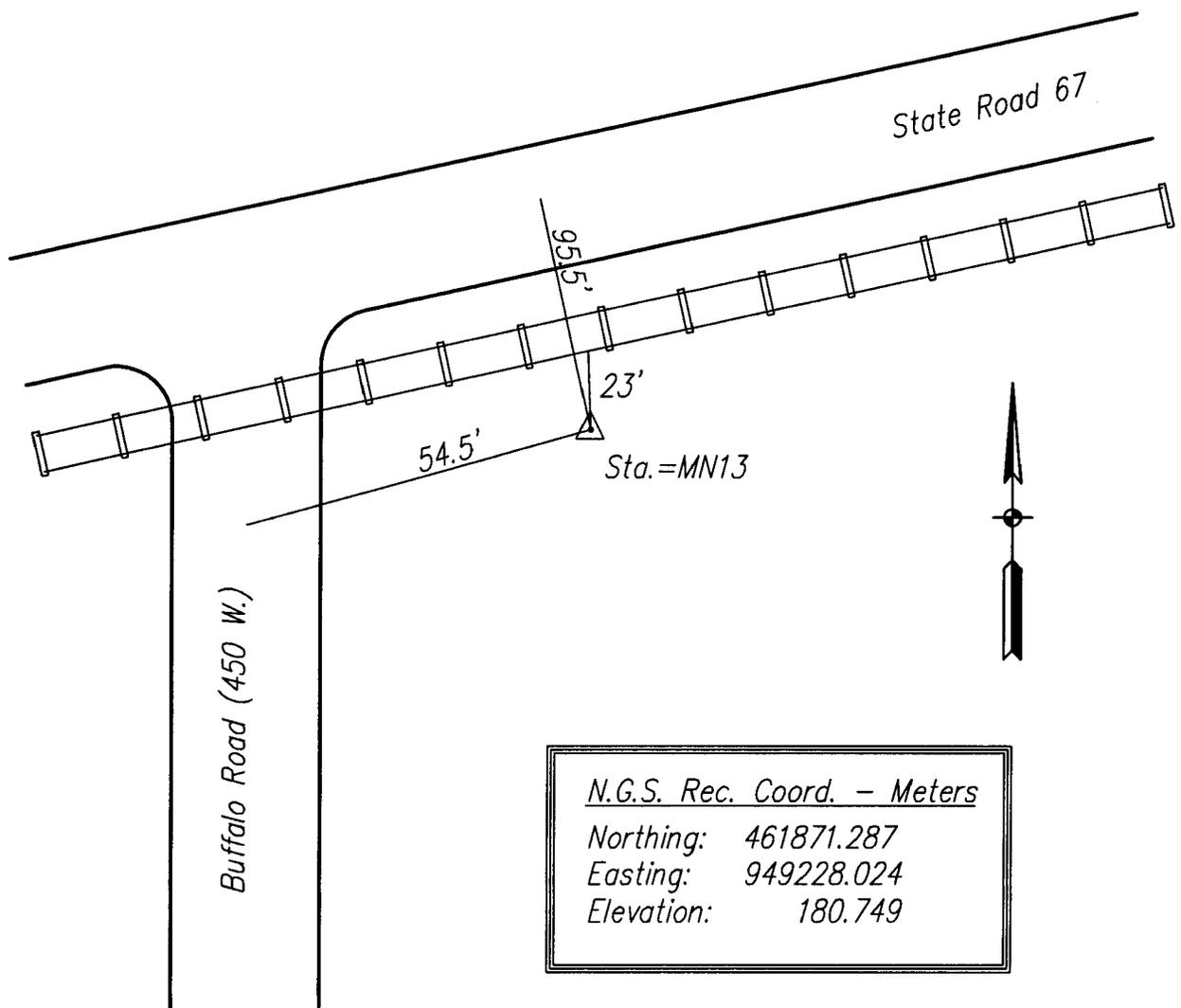
Elevation: 592.767

Meters

Northing: 461871.273

Easting: 949228.009

Elevation: 180.676



Morgan County, Indiana - GPS Control Network Reference & Information Sheet Point ID - MG30

General Location:

Section: 23 Twp. 11N Range 1W

Monument is a standard U.S.G.S. bronze disk in a concrete base 2 inches above ground surface in the northeast quadrant of the intersection of Godsey and Cramer Roads. Monument is stamped "TT14 TDA 1945 700" and approx. 50 feet N-NE of the cl-cl of the road intersection. Monument is a third order benchmark with a record elevation of 699.565 NVD29.

Indiana State Plane Coordinates

Indiana West Zone - NAD 83 / NAVD 88

U.S. Survey Feet

Northing: 1502843.139

Easting: 3117581.322

Elevation: 698.879

Meters

Northing: 458067.505

Easting: 950240.688

Elevation: 213.019

