



**City of Des Plaines
Bench Mark System
(Updated February, 2016)**



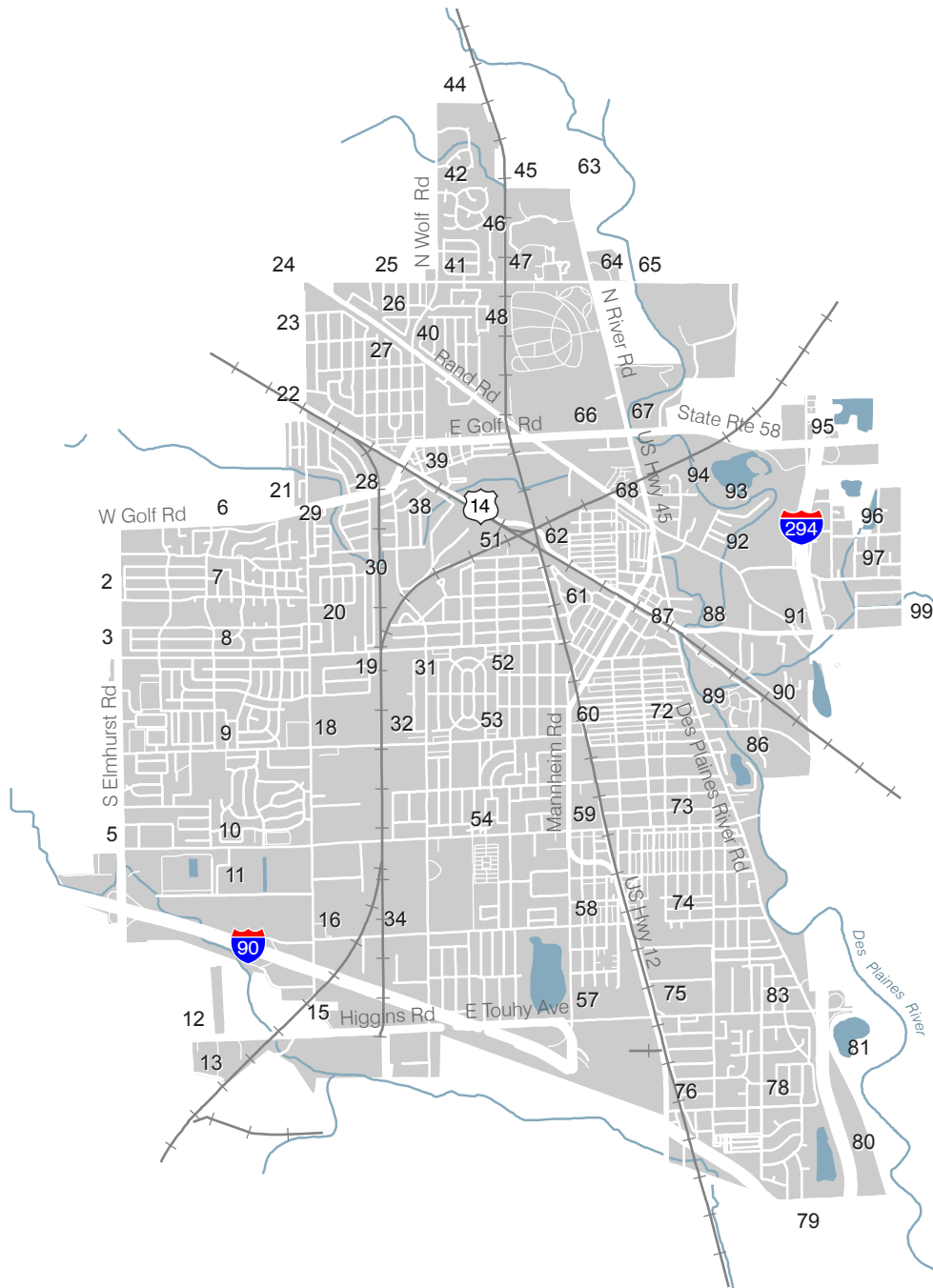
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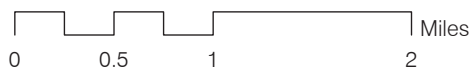


1. Benchmark System Map



LEGEND

▲ Benchmark Found



2. Benchmark Reference Table

Coordinate System- US State Plane 1983 - IL EAST 1201 Projection - US Survey feet

Horizontal Datum- NAD 1983(2011)

Vertical Datum- NAVD 1988

Ellipsoid Reference Frame – NAD 1983 (2011)

GEOID – GEOID 12A

Coordinates were established using ReLL-NET (Leica based RTK Network) run by Kara Company.

ID	Elevation	Description	Northing	Easting
2	662.31	Monument set in concrete at N.E. corner Millers and Elmhurst Roads 18' East of E/P of Elmhurst and 13' North of E/P of Millers	1,958,085.30	1,090,949.45
3	656.59	Monument set in concrete at N.E. corner of Dempster St. and Elmhurst Rd. 18' North of E/P of Dempster and 17' East of E/P of Elmhurst	1,956,519.72	1,090,969.80
5	657.88	Monument set in concrete at S.E. corner of Oakton St. and Elmhurst Rd. 40' South of E/P of Oakton and 45' East of E/P of Elmhurst	1,951,034.93	1,091,093.49
6	660.80	Monument set in concrete at S.W. corner of Golf Rd. and Marshall Dr. 12' South of E/P of Golf and 15' West of E/P of Marshall	1,960,210.11	1,093,497.33
7	654.33	Monument set in concrete at N.W. corner of Millers Rd. and Marshall Dr. 12' North of E/P of Millers and 13' West of E/P of Marshall	1,958,187.71	1,093,359.24
8	660.09	Monument set in concrete at N.E. corner of Dempster St. and Marshall Dr. 15' North of E/P of Dempster and 15' East of E/P of Marshall	1,956,496.52	1,093,615.37
9	664.00	Monument set in concrete at S.W. corner of Algonquin Rd. and Marshall Dr. 21' West of E/P of Park District Drive and 36' South of E/P of Algonquin	1,953,812.30	1,093,591.14
10	657.39	Monument set in concrete on South side of Oakton St. at Marshall Dr. 19' South of E/P of Oakton and 42' East of Power Pole across from Marshall Dr	1,951,098.60	1,093,536.56
11	656.45	Monument set in concrete at N.E. corner of Willie Rd. and Marshall Dr. 20' North of E/P of Willie and 20' East of E/P of Marshall	1,949,855.09	1,093,717.87
12	658.27	Monument set in concrete on North side of Touhy Ave. at 320 W. Touhy 28' West of E/Drive (320 West Touhy) and 15' North of E/P of Touhy	1,945,890.49	1,093,492.96
13	661.09	Monument set in concrete at N.W. corner of Higgins Rd. and C&NW Railroad 42' West of R.R. Tracks and 16' North of E/P of Old Higgins	1,944,717.22	1,093,975.56
15	651.79	Monument set in concrete at N.E. corner of Touhy Ave. and Mt. Prospect Rd. 35' North of E/P of Touhy and 38' East of E/P of Mt. Prospect	1,946,013.72	1,096,003.90
16	653.08	Monument set in concrete on W. side of Mt. Prospect Rd. at Howard Ave. 12' South of E/Drive of Metro Self Storage and 12' West of E/P of Mt Prospect	1,948,609.02	1,096,321.04
18	651.95	Monument set in concrete at N.W. corner of Algonquin and Mt. Prospect Roads 40' West of E/P of Mt Prospect and 15' North of E/P Algonquin	1,953,993.68	1,096,223.05



ID	Elevation	Description	Northing	Easting
19	652.37	Monument set in concrete on N. side of Dempster St. at Fire Station No. 3 15' West of Fire Station Drive and 24' North of E/P of Dempster	1,956,623.23	1,097,058.23
20	652.92	Monument set in concrete at N.W. corner of Millers and Mt. Prospect Roads 15' West of E/P of Mt. Prospect and 17' North of E/P of Millers	1,958,169.83	1,096,182.58
21	651.84	Chiseled square on the back of sidewalk at the S.E. corner of the bridge over Weller Creek on Mount Prospect Road	1,961,503.70	1,096,210.62
22	660.08	Monument set in concrete at S.E. corner of Miner Street/Northwest Hwy. and Mt. Prospect R 10' East of E/P of Mt. Prospect and 40.6' South of R.R. Tracks	1,963,293.89	1,096,186.64
23	658.21	Monument set in concrete at N.E. corner of Harvard St. and Mt. Prospect Rd. 15' North of E/P of Harvard and 28' East of E/P of Mt Prospect	1,965,294.16	1,096,174.03
24	657.06	Monument set in concrete at S.E. corner of Central and Mt. Prospect Roads 23' South of E/P of Central and 52' East of E/P of Mt. Prospect	1,966,920.77	1,096,049.42
25	658.55	Monument set in concrete at S.W. corner of Central and Marcella Roads 11' South of E/P of Central and 17' West of E/P of Marcella	1,966,930.03	1,097,929.57
26	659.30	Monument set in concrete on the N. side of Rand Rd. at #392 Rand 45' E. of East Drive of 392 Rand and 9' North of E/P of Rand	1,965,828.11	1,098,139.38
27	659.04	Monument set in concrete at S.W. corner of Princeton St. and Cambridge Rd. 11' West of E/P of Cambridge and 13' South of E/P of Princeton	1,964,512.11	1,097,784.14
28	647.11	Monument set in concrete at N.W. corner of Fletcher Dr. and Cumberland Ave. 27' North of E/P of Fletcher and 29' West of E/P of Cumberland	1,961,687.79	1,097,100.93
29	649.32	Monument set in concrete on the N. side of Golf Rd. at Weller Creek 15' North of E/P of Golf, 15' East of the East entrance to Blackhawk Park	1,960,873.22	1,097,033.19
30	643.84	Monument set in concrete on the S. side of Washington St. at Weller Creek 6' South of E/P of Washington and 11' West of Bridge over Weller Creek	1,959,407.91	1,097,334.40
31	648.51	Monument set in concrete at S.E. corner of Dempster St. and the C&NW Railroad 21' South of E/P of Dempster and 45' West of E/Drive of Park District Entrance	1,956,621.30	1,098,725.93
32	652.96	Monument set in concrete at N.E. corner of Algonquin Rd and the C&NW Railroad 46' North of E/P of Algonquin and 72' East of R.R. Tracks	1,954,070.09	1,098,347.39
34	653.75	Monument set in concrete at S.W. corner Howard Ave. and the C&NW Railroad 5' South of E/P of Howard and 117' West of R.R. Tracks	1,948,648.04	1,098,170.84
38	649.62	Monument set in concrete at S.W. corner of Golf and Wolf Roads 17' West of E/P of Wolf and 33' South of E/P of Golf	1,961,099.75	1,098,538.89
39	648.98	Monument set in concrete at S.W. corner of State St. and Wolf/Golf Rd. 18' South of E/P State and 28' West of E/P of Golf/Wolf Circle	1,962,391.82	1,099,018.73
40	656.49	Monument set in concrete at S.W. corner of Rand and Wolf Roads 24' South of E/P of Rand and 22' West of E/P of Wolf. 0.5 ft below grade	1,965,002.21	1,099,087.50



ID	Elevation	Description	Northing	Easting
41	655.02	Monument set in concrete at S.E. corner of Central and Wolf Roads 18' South of E/P of Central and 10' East of EIP of Wolf	1,966,893.47	1,099,867.97
42	650.61	Monument set in concrete on East side of Wolf Rd. at Kylemore Dr. 22' East of E/P of Wolf in Center Island of Kylemore Dr.	1,969,450.12	1,099,863.92
44	649.57	Monument set in concrete on the E. side of Wolf Road at #1525 Wolf 19' N. of N. B/C of Entrance to NW Water Com. (#1525 Wolf) and 20' East of E/P of Wolf	1,971,966.61	1,099,846.37
45	646.56	Monument set in concrete at Gregory Street and W.C. Railroad 41' East of Fire Hydrant across from #149 Gregory on top of berm	1,969,557.12	1,101,811.31
46	648.33	Monument set in concrete at Madelyn Dr. opposite #785 Madelyn 18' E From E/P Madelyn Across from #785 Madelyn in Craig Manor Park	1,968,044.70	1,100,932.63
47	653.35	Monument set in concrete at N.W. corner of Central Rd and W.C. Railroad 33' North of E/P of Central and 52' West of R.R. Tracks	1,967,004.75	1,101,668.79
48	650.08	Monument set in concrete at Luau Drive and Third Ave. 14' North of E/P of Third Ave Cul De Sac and 15' South of E/P of Third Ave Cul De Sac	1,965,463.08	1,101,005.62
51	643.66	Monument set in concrete at S.E. corner of North Ave and Fourth Ave. 11' East of E/P of Fourth and 10' South of E/P of North	1,959,209.34	1,100,853.80
52	645.39	Monument set in concrete on S. side of Dempster St. at Fourth Ave. 22' South of E/P of Dempster in Front of #805 Dempster	1,956,748.49	1,100,872.19
53	646.42	Monument set in concrete on N. side of Algonquin Rd. at Earl Ave. 21' North of E/P of Algonquin in front of #800 Algonquin	1,954,177.92	1,100,859.52
54	651.32	Monument set in concrete on the S. side of Oakton at Maine West H.S. 8' West of W/Drive of Maine West Parking Lot and 15' South of E/P of Oakton	1,951,415.22	1,100,582.21
57	642.83	Monument set in concrete at N.W. corner of Touhy Ave and Lee St. 33' North of E/P of Touhy and 32' West of EIP of Lee	1,946,375.58	1,103,532.22
58	644.38	Monument set in concrete at S.W. corner Howard Ave. and Lee St. 15' South of E/P of Howard and 9' West of E/P of Lee	1,948,922.79	1,103,500.66
59	645.78	Monument set in concrete at S.W. corner of Oakton Street and Lee/Mannheim 21' South of EIP of Oakton and 25' West of E/P of Lee/Mannheim	1,951,552.99	1,103,449.37
60	643.88	Monument set in concrete at N.E. corner of Algonquin Rd. and Lee/Mannheim 17' North of E/P of Algonquin and 15' East of E/P of Lee/Mannheim	1,954,341.57	1,103,548.32
61	640.23	Monument set in concrete at N.E. corner of Prairie Ave. and First Ave. 75' East of R.R. Tracks and 12' North of E/P of Prairie	1,957,657.89	1,103,255.65
62	641.03	Monument set in concrete at N.E. corner of North and First Avenues 11' from E/P in Northeast corner of intersection	1,959,335.32	1,102,680.29
63	633.52	Chiseled square on S.W. corner of concrete headwall at NW corner River Rd. and Gregory	1,969,655.07	1,103,590.35
64	640.45	Monument set in concrete at N.E. corner of Central and River Roads 20' North of E/P of Central and 3' South of R.O.W. Monument	1,967,000.68	1,104,231.39
65	639.73	Chiseled square on top of headwall on the S. side of Central Rd. and the W. side of the Des Plaines River	1,966,924.84	1,105,283.28



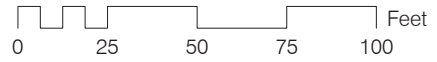
ID	Elevation	Description	Northing	Easting
66	640.50	Monument set in concrete on the N. side of Golf Rd at Holy Family Hospital 34' East of East Entrance to Driving Range and 16' North of EIP of Golf	1,962,708.79	1,103,492.19
67	640.71	Chiseled square on the south face of the concrete signal base without a mast arm located at the N.W. corner of Golf (IL 58) and River Roads (US 45)	1,962,824.71	1,105,084.98
68	631.62	Monument set in concrete on the N. side of Willow Ave. 14' North of E/P of Willow across from #1381 Willow	1,960,611.71	1,104,643.28
72	640.19	Monument set in concrete at N.W. corner of Algonquin Rd. and Cora St. 12' North of E/P of Algonquin and 11' West of E/P of Cora	1,954,426.39	1,105,613.98
73	635.03	Monument set in concrete at N.W. corner of Oakton and White Streets 10' North of EIP of Oakton and 12' West of E/P of White	1,951,778.11	1,106,182.70
74	639.90	Monument set in concrete on W. side of White St. at Howard Ave. 4' West of E/P of White and 16' South of Arndt Park Sign	1,949,086.83	1,106,205.43
75	642.47	Monument set in concrete at N.W. corner of Touhy Ave and Frontage Rd. 78' North of E/P of Touhy and 29' West of E/P of Frontage	1,946,538.56	1,105,984.83
76	638.35	Monument set in concrete at N.E. corner of Pratt Ave and Mannheim Rd. 12' North of E/P of Pratt and 18' East of E/P of Mannheim	1,943,821.29	1,106,283.35
78	634.63	Monument set in concrete at N.W. corner of Pratt Ave and Scott St. 8' North of E/P of Pratt and 14' West of E/P of Scott	1,943,919.87	1,108,856.29
79	635.24	Monument set in concrete at N.W. corner of Devon Ave and Stillwell Dr. 28' North of E/P of Devon and 208' West of E/P of Stillwell	1,941,332.60	1,109,376.30
80	632.52	Monument set in concrete on E. side of River Rd. N. of Devon Ave 24' East of E/P of River and 48' South of entrance to # 3000 River	1,942,398.05	1,112,174.14
81	636.08	Monument set in concrete at River Road and Chippewa Woods Forest Preserve 33' East of E/P of River and 7' South of Drive to Chippewa Woods Forest Preserve	1,945,034.77	1,111,128.28
83	635.34	Monument set in concrete at S.W. corner of Touhy Ave and Scott St. 16' South of E/P of Touhy and 13' West of E/P of Scott	1,946,498.32	1,108,851.39
86	637.02	Chiseled square on bridge abutment on the S. side of Algonquin Rd. and the E. side of the Des Plaines River	1,954,438.65	1,108,003.17
87	636.91	Chiseled square on the S.W. corner of concrete mast arm base on the E. side of River Rd. at Ellinwood Street	1,957,140.48	1,106,530.15
88	631.64	Monument set in concrete at S.E. corner of Dempster St. and Busse Rd. 25' South of E/P of Dempster and 11' East of E/P of Busse	1,957,165.89	1,107,071.25
90	630.91	Monument set in concrete on the S. side of Busse Rd. at Farmers Creek 87' East of C of Farmers Creek and 12' South of E/P of Busse. 15.70' SE of end of guard rail, 1.5' N of face of walk. 4" below grade	1,955,868.06	1,108,656.95
91	632.15	Monument set in concrete at S.W. corner of Dempster St. and Acres Lane 18' South of E/P of Dempster and 9' West of E/P of Acres	1,957,101.94	1,109,351.46
92	635.57	Chiseled square on sidewalk at S.W. corner of Bridge on Rand Rd at Des Plaines River	1,959,175.37	1,107,730.34
93	631.20	2.2' South of guard rail at the end of Hawthorn Ln. 9' E of west end of Hawthorne Ln.	1,960,574.72	1,107,689.63



ID	Elevation	Description	Northing	Easting
94	633.86	Monument set in concrete at N.E. corner of Woodland Ave at Grove Ave. 5' East of E/P of Grove and 19' North of E/P of Woodland	1,961,050.98	1,106,643.47
95	638.83	Chiseled "X" on traffic signal vault at S.W. corner of Golf and East River Roads 2' West of E/P of East River and 10' South of E/P of Golf	1,962,384.33	1,110,102.01
96	631.40	Monument set in concrete at N.E. corner of Church Street and Lyman Ave. 7' North of EIP of Church and 7' East of E/P of Lyman next to stop sign	1,959,887.32	1,111,496.42
97	629.41	Monument set in concrete at Ballard Road and Farmers Creek 18' North of E/P of Ballard and 36' East of E/P of Lyman	1,958,699.34	1,111,530.45
99	637.71	Monument set in concrete at S.E. corner of Dempster St. and Potter Rd. 25' South of E/P of Dempster and 19' East of E/P of Potter	1,957,223.87	1,112,870.33
103	632.84	Monument set in concrete at Emerson Street and Farmers Creek 12' South of E/P of Emerson and 11' West of E/P of Good	1,961,203.08	1,112,142.04

3. Benchmark Photos

Benchmark No. 2

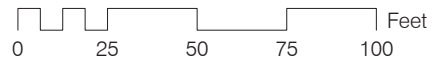


Scale: 1" = 50'

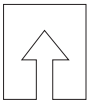


ID	Elevation	Description	Northing	Easting
2	662.31	Monument set in concrete at N.E. corner Millers and Elmhurst Roads 18' East of E/P of Elmhurst and 13' North of E/P of Millers	1,958,085.30	1,090,949.45

Benchmark No. 3

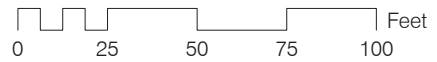


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
3	656.59	Monument set in concrete at N.E. corner of Dempster St. and Elmhurst Rd. 18' North of E/P of Dempster and 17' East of E/P of Elmhurst	1,956,519.72	1,090,969.80

Benchmark No. 5



Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
5	657.88	Monument set in concrete at S.E. corner of Oakton St. and Elmhurst Rd. 40' South of E/P of Oakton and 45' East of E/P of Elmhurst	1,951,034.93	1,091,093.49

Benchmark No. 6

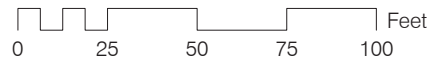


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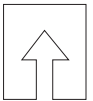


ID	Elevation	Description	Northing	Easting
6	660.80	Monument set in concrete at S.W. corner of Golf Rd. and Marshall Dr. 12' South of E/P of Golf and 15' West of E/P of Marshall	1,960,210.11	1,093,497.33

Benchmark No. 7

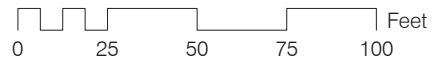


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
7	654.33	Monument set in concrete at N.W. corner of Millers Rd. and Marshall Dr. 12' North of E/P of Millers and 13' West of E/P of Marshall	1,958,187.71	1,093,359.24

Benchmark No. 8

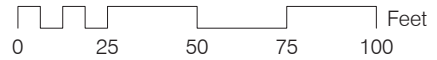


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
8	660.09	Monument set in concrete at N.E. corner of Dempster St. and Marshall Dr. 15' North of E/P of Dempster and 15' East of E/P of Marshall	1,956,496.52	1,093,615.37

Benchmark No. 9



Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
9	664.00	Monument set in concrete at S.W. corner of Algonquin Rd. and Marshall Dr. 21' West of E/P of Park District Drive and 36' South of E/P of Algonquin	1,953,812.30	1,093,591.14

Benchmark No. 10

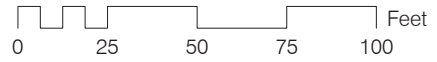


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
10	657.39	Monument set in concrete on South side of Oakton St. at Marshall Dr. 19' South of E/P of Oakton and 42' East of Power Pole across from Marshall Dr	1,951,098.60	1,093,536.56

Benchmark No. 11

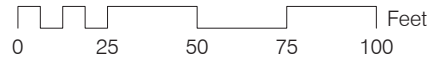


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
11	656.45	Monument set in concrete at N.E. corner of Willie Rd. and Marshall Dr. 20' North of E/P of Willie and 20' East of E/P of Marshall	1,949,855.09	1,093,717.87

Benchmark No. 12

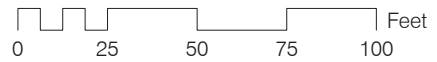


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ID	Elevation	Description	Northing	Easting
12	658.27	Monument set in concrete on North side of Touhy Ave. at 320 W. Touhy 28' West of E/Drive (320 West Touhy) and 15' North of E/P of Touhy	1,945,890.49	1,093,492.96

Benchmark No. 13

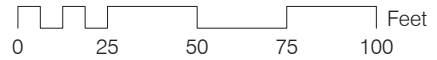


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
13	661.09	Monument set in concrete at N.W. corner of Higgins Rd. and C&NW Railroad 42' West of R.R. Tracks and 16' North of E/P of Old Higgins	1,944,717.22	1,093,975.56

Benchmark No. 15

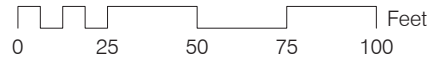


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ID	Elevation	Description	Northing	Easting
15	651.79	Monument set in concrete at N.E. corner of Touhy Ave. and Mt. Prospect Rd. 35' North of E/P of Touhy and 38' East of E/P of Mt. Prospect	1,946,013.72	1,096,003.90

Benchmark No. 16

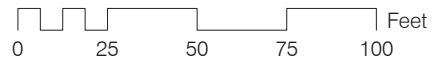


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ID	Elevation	Description	Northing	Easting
16	653.08	Monument set in concrete on W. side of Mt. Prospect Rd. at Howard Ave. 12' South of E/Drive of Metro Self Storage and 12' West of E/P of Mt Prospect	1,948,609.02	1,096,321.04

Benchmark No. 18

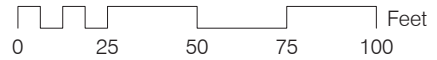


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ID	Elevation	Description	Northing	Easting
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Benchmark No. 19

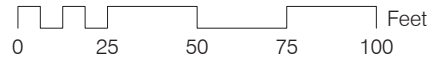


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
19	652.37	Monument set in concrete on N. side of Dempster St. at Fire Station No. 3 15' West of Fire Station Drive and 24' North of E/P of Dempster	1,956,623.23	1,097,058.23

Benchmark No. 20

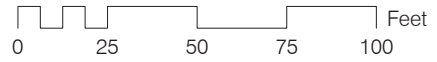


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
20	652.92	Monument set in concrete at N.W. corner of Millers and Mt. Prospect Roads 15' West of E/P of Mt. Prospect and 17' North of E/P of Millers	1,958,169.83	1,096,182.58

Benchmark No. 21

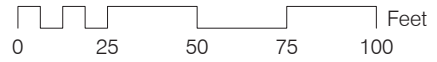


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
21	651.84	Chiseled square on the back of sidewalk at the S.E. corner of the bridge over Weller Creek on Mount Prospect Road	1,961,503.70	1,096,210.62

Benchmark No. 22

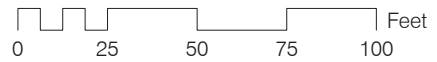


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
22	660.08	Monument set in concrete at S.E. corner of Miner Street/Northwest Hwy. and Mt. Prospect R 10' East of E/P of Mt. Prospect and 40.6' South of R.R. Tracks	1,963,293.89	1,096,186.64

Benchmark No. 23

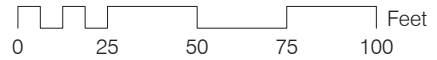


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
23	658.21	Monument set in concrete at N.E. corner of Harvard St. and Mt. Prospect Rd. 15' North of E/P of Harvard and 28' East of E/P of Mt Prospect	1,965,294.16	1,096,174.03

Benchmark No. 24

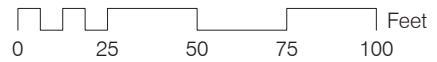


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
24	657.06	Monument set in concrete at S.E. corner of Central and Mt. Prospect Roads 23' South of E/P of Central and 52' East of E/P of Mt. Prospect	1,966,920.77	1,096,049.42

Benchmark No. 25

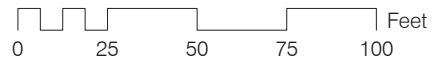


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
25	658.55	Monument set in concrete at S.W. corner of Central and Marcella Roads 11' South of E/P of Central and 17' West of E/P of Marcella	1,966,930.03	1,097,929.57

Benchmark No. 26

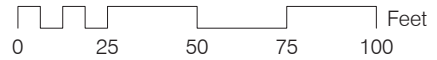


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
26	659.30	Monument set in concrete on the N. side of Rand Rd. at #392 Rand 45' E. of East Drive of 392 Rand and 9' North of E/P of Rand	1,965,828.11	1,098,139.38

Benchmark No. 27



Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
27	659.04	Monument set in concrete at S.W. corner of Princeton St. and Cambridge Rd. 11' West of E/P of Cambridge and 13' South of E/P of Princeton	1,964,512.11	1,097,784.14

Benchmark No. 28

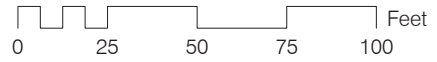


Scale: 1" = 50'

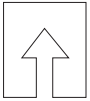


ID	Elevation	Description	Northing	Easting
28	647.11	Monument set in concrete at N.W. corner of Fletcher Dr. and Cumberland Ave. 27' North of E/P of Fletcher and 29' West of E/P of Cumberland	1,961,687.79	1,097,100.93

Benchmark No. 29

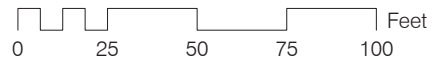


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
29	649.32	Monument set in concrete on the N. side of Golf Rd. at Weller Creek 15' North of E/P of Golf, 15' East of the East entrance to Blackhawk Park	1,960,873.22	1,097,033.19

Benchmark No. 30

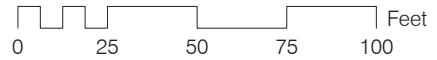
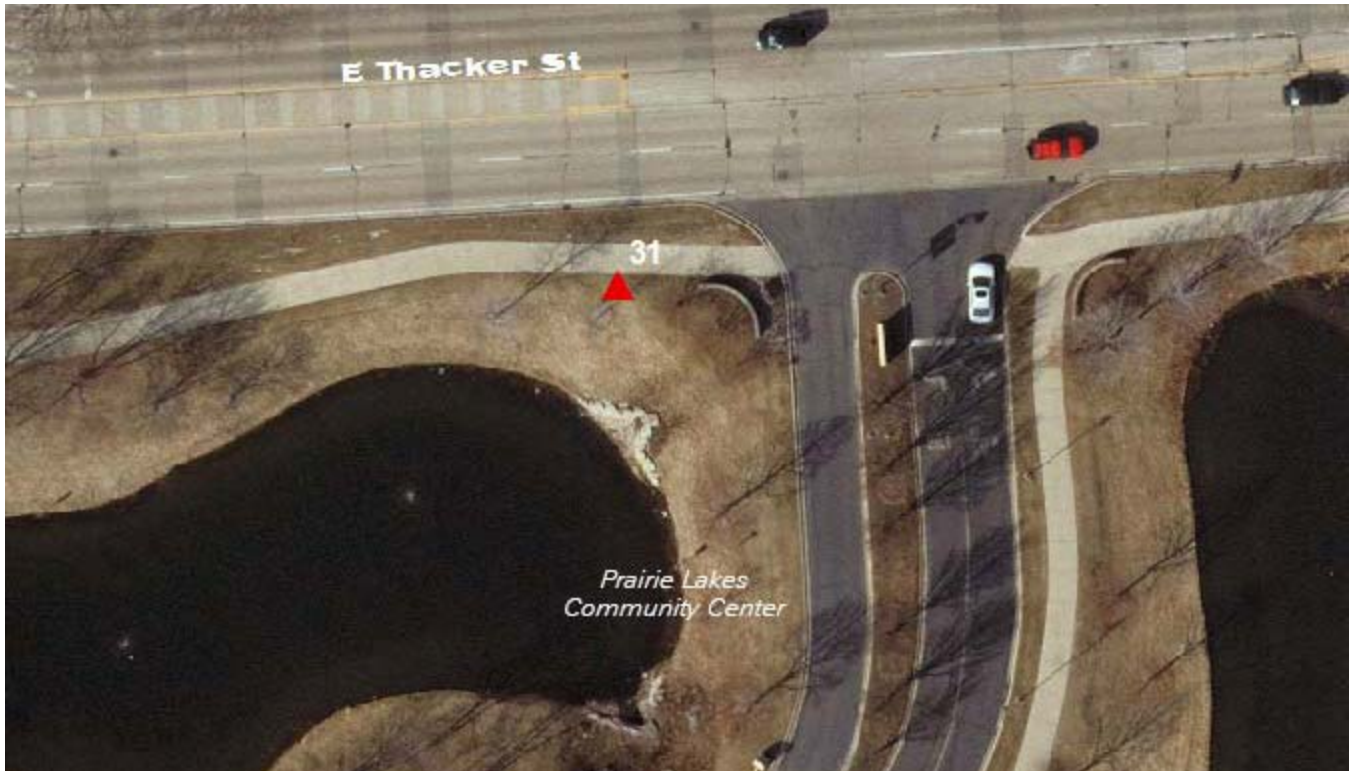


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
30	643.84	Monument set in concrete on the S. side of Washington St. at Weller Creek 6' South of E/P of Washington and 11' West of Bridge over Weller Creek	1,959,407.91	1,097,334.40

Benchmark No. 31

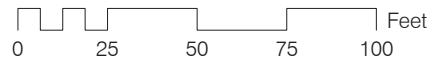


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
31	648.51	Monument set in concrete at S.E. corner of Dempster St. and the C&NW Railroad 21' South of E/P of Dempster and 45' West of E/Drive of Park District Entrance	1,956,621.30	1,098,725.93

Benchmark No. 32

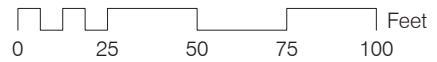


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
32	652.96	Monument set in concrete at N.E. corner of Algonquin Rd and the C&NW Railroad 46' North of E/P of Algonquin and 72' East of R.R. Tracks	1,954,070.09	1,098,347.39

Benchmark No. 34

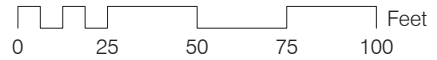


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
34	653.75	Monument set in concrete at S.W. corner Howard Ave. and the C&NW Railroad 5' South of E/P of Howard and 117' West of R.R. Tracks	1,948,648.04	1,098,170.84

Benchmark No. 38

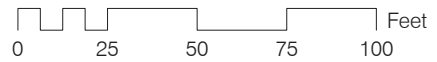


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
38	649.62	Monument set in concrete at S.W. corner of Golf and Wolf Roads 17' West of E/P of Wolf and 33' South of E/P of Golf	1,961,099.75	1,098,538.89

Benchmark No. 39

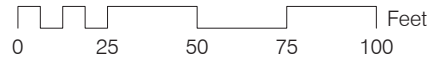


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
39	648.98	Monument set in concrete at S.W. corner of State St. and Wolf/Golf Rd. 18' South of E/P State and 28' West of E/P of Golf/Wolf Circle	1,962,391.82	1,099,018.73

Benchmark No. 40

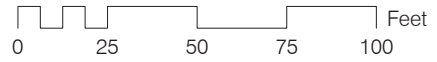


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
40	656.49	Monument set in concrete at S.W. corner of Rand and Wolf Roads 24' South of E/P of Rand and 22' West of E/P of Wolf. 0.5 ft below grade	1,965,002.21	1,099,087.50

Benchmark No. 41

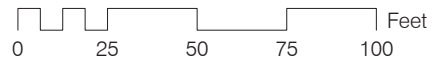


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
41	655.02	Monument set in concrete at S.E. corner of Central and Wolf Roads 18' South of E/P of Central and 10' East of EIP of Wolf	1,966,893.47	1,099,867.97

Benchmark No. 42

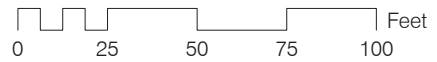


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
42	650.61	Monument set in concrete on East side of Wolf Rd. at Kylemore Dr. 22' East of E/P of Wolf in Center Island of Kylemore Dr.	1,969,450.12	1,099,863.92

Benchmark No. 44

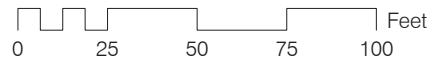


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
44	649.57	Monument set in concrete on the E. side of Wolf Road at #1525 Wolf 19' N. of N. B/C of Entrance to NW Water Com. (#1525 Wolf) and 20' East of E/P of Wolf	1,971,966.61	1,099,846.37

Benchmark No. 45

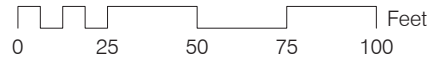


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
45	646.56	Monument set in concrete at Gregory Street and W.C. Railroad 41' East of Fire Hydrant across from #149 Gregory on top of berm	1,969,557.12	1,101,811.31

Benchmark No. 46

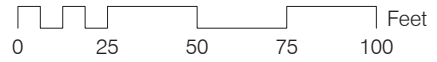


Scale: 1" = 50'

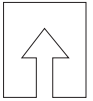


ID	Elevation	Description	Northing	Easting
46	648.33	Monument set in concrete at Madelyn Dr. opposite #785 Madelyn 18' E From E/P Madelyn Across from #785 Madelyn in Craig Manor Park	1,968,044.70	1,100,932.63

Benchmark No. 47

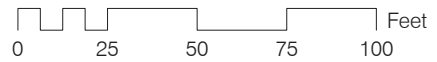


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
47	653.35	Monument set in concrete at N.W. corner of Central Rd and W.C. Railroad 33' North of E/P of Central and 52' West of R.R. Tracks	1,967,004.75	1,101,668.79

Benchmark No. 48



Scale: 1" = 50'

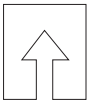


ID	Elevation	Description	Northing	Easting
48	650.08	Monument set in concrete at Luau Drive and Third Ave. 14' North of E/P of Third Ave Cul De Sac and 15' South of E/P of Third Ave Cul De Sac	1,965,463.08	1,101,005.62

Benchmark No. 51

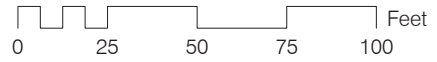


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
51	643.66	Monument set in concrete at S.E. corner of North Ave and Fourth Ave. 11' East of E/P of Fourth and 10' South of E/P of North	1,959,209.34	1,100,853.80

Benchmark No. 52

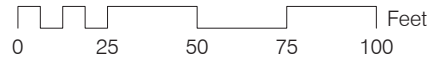


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
52	645.39	Monument set in concrete on S. side of Dempster St. at Fourth Ave. 22' South of E/P of Dempster in Front of #805 Dempster	1,956,748.49	1,100,872.19

Benchmark No. 53

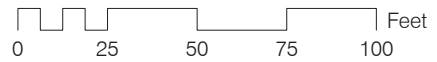


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
53	646.42	Monument set in concrete on N. side of Algonquin Rd. at Earl Ave. 21' North of E/P of Algonquin in front of #800 Algonquin	1,954,177.92	1,100,859.52

Benchmark No. 54

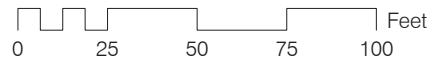


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
54	651.32	Monument set in concrete on the S. side of Oakton at Maine West H.S. 8' West of W/Drive of Maine West Parking Lot and 15' South of E/P of Oakton	1,951,415.22	1,100,582.21

Benchmark No. 57

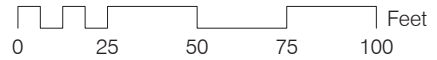


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
57	642.83	Monument set in concrete at N.W. corner of Touhy Ave and Lee St. 33' North of E/P of Touhy and 32' West of EIP of Lee	1,946,375.58	1,103,532.22

Benchmark No. 58

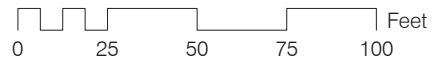


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
58	644.38	Monument set in concrete at S.W. corner Howard Ave. and Lee St. 15' South of E/P of Howard and 9' West of E/P of Lee	1,948,922.79	1,103,500.66

Benchmark No. 59

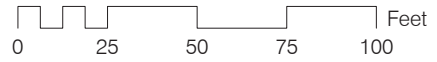


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
59	645.78	Monument set in concrete at S.W. corner of Oakton Street and Lee/Mannheim 21' South of EIP of Oakton and 25' West of E/P of Lee/Mannheim	1,951,552.99	1,103,449.37

Benchmark No. 60



Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
60	643.88	Monument set in concrete at N.E. corner of Algonquin Rd. and Lee/Mannheim 17' North of E/P of Algonquin and 15' East of E/P of Lee/Mannheim	1,954,341.57	1,103,548.32

Benchmark No. 61

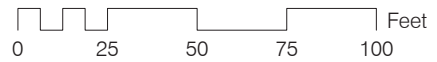


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
61	640.23	Monument set in concrete at N.E. corner of Prairie Ave. and First Ave. 75' East of R.R. Tracks and 12' North of E/P of Prairie	1,957,657.89	1,103,255.65

Benchmark No. 62

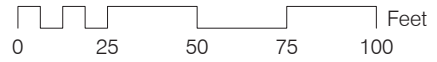


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
62	641.03	Monument set in concrete at N.E. corner of North and First Avenues 11' from E/P in Northeast corner of intersection	1,959,335.32	1,102,680.29

Benchmark No. 63

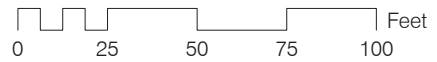


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
63	633.52	Chiseled square on S.W. corner of concrete headwall at NW corner River Rd. and Gregory	1,969,655.07	1,103,590.35

Benchmark No. 64

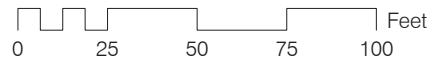


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
64	640.45	Monument set in concrete at N.E. corner of Central and River Roads 20' North of E/P of Central and 3' South of R.O.W. Monument	1,967,000.68	1,104,231.39

Benchmark No. 65

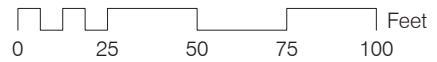


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
65	639.73	Chiseled square on top of headwall on the S. side of Central Rd. and the W. side of the Des Plaines River	1,966,924.84	1,105,283.28

Benchmark No. 66

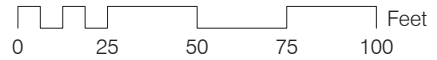


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
66	640.50	Monument set in concrete on the N. side of Golf Rd at Holy Family Hospital 34' East of East Entrance to Driving Range and 16' North of EIP of Golf	1,962,708.79	1,103,492.19

Benchmark No. 67

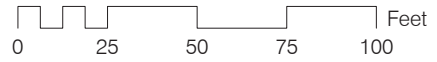


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
67	640.71	Chiseled square on the south face of the concrete signal base without a mast arm located at the N.W. corner of Golf (IL 58) and River Roads (US 45)	1,962,824.71	1,105,084.98

Benchmark No. 68



Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
68	631.62	Monument set in concrete on the N. side of Willow Ave. 14' North of E/P of Willow across from #1381 Willow	1,960,611.71	1,104,643.28

Benchmark No. 72

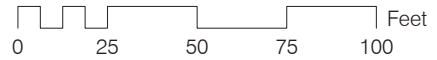


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
72	640.19	Monument set in concrete at N.W. corner of Algonquin Rd. and Cora St. 12' North of E/P of Algonquin and 11' West of E/P of Cora	1,954,426.39	1,105,613.98

Benchmark No. 73

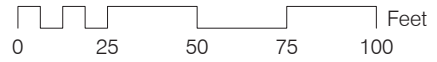


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
73	635.03	Monument set in concrete at N.W. corner of Oakton and White Streets 10' North of EIP of Oakton and 12' West of E/P of White	1,951,778.11	1,106,182.70

Benchmark No. 74

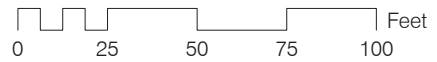


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
74	639.90	Monument set in concrete on W. side of White St. at Howard Ave. 4' West of E/P of White and 16' South of Arndt Park Sign	1,949,086.83	1,106,205.43

Benchmark No. 75

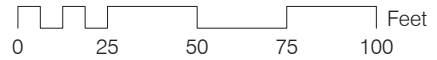


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
75	642.47	Monument set in concrete at N.W. corner of Touhy Ave and Frontage Rd. 78' North of E/P of Touhy and 29' West of E/P of Frontage	1,946,538.56	1,105,984.83

Benchmark No. 76

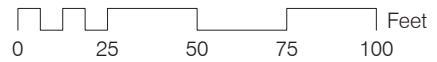


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
76	638.35	Monument set in concrete at N.E. corner of Pratt Ave and Mannheim Rd. 12' North of E/P of Pratt and 18' East of E/P of Mannheim	1,943,821.29	1,106,283.35

Benchmark No. 78

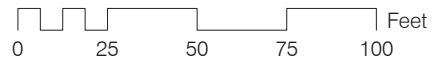


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
78	634.63	Monument set in concrete at N.W. corner of Pratt Ave and Scott St. 8' North of E/P of Pratt and 14' West of E/P of Scott	1,943,919.87	1,108,856.29

Benchmark No. 79

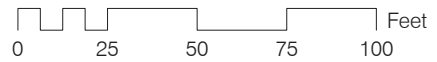


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
79	635.24	Monument set in concrete at N.W. corner of Devon Ave and Stillwell Dr. 28' North of E/P of Devon and 208' West of E/P of Stillwell	1,941,332.60	1,109,376.30

Benchmark No. 80

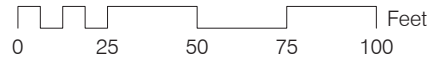


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
80	632.52	Monument set in concrete on E. side of River Rd. N. of Devon Ave 24' East of E/P of River and 48' South of entrance to # 3000 River	1,942,398.05	1,112,174.14

Benchmark No. 81

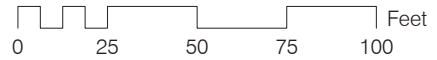


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
81	636.08	Monument set in concrete at River Road and Chippewa Woods Forest Preserve 33' East of E/P of River and 7' South of Drive to Chippewa Woods Forest Preserve	1,945,034.77	1,111,128.28

Benchmark No. 83

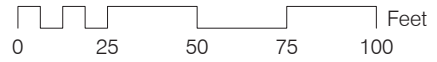


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
83	635.34	Monument set in concrete at S.W. corner of Touhy Ave and Scott St. 16' South of E/P of Touhy and 13' West of E/P of Scott	1,946,498.32	1,108,851.39

Benchmark No. 86

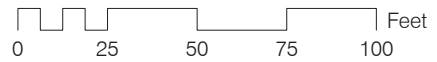


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
86	637.02	Chiseled square on bridge abutment on the S. side of Algonquin Rd. and the E. side of the Des Plaines River	1,954,438.65	1,108,003.17

Benchmark No. 87

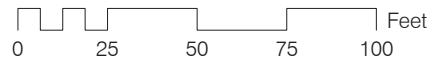


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
87	636.91	Chiseled square on the S.W. corner of concrete mast arm base on the E. side of River Rd. at Ellinwood Street	1,957,140.48	1,106,530.15

Benchmark No. 88

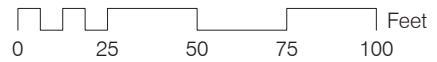


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
88	631.64	Monument set in concrete at S.E. corner of Dempster St. and Busse Rd. 25' South of E/P of Dempster and 11' East of E/P of Busse	1,957,165.89	1,107,071.25

Benchmark No. 90

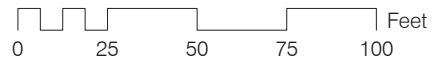


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
90	630.91	Monument set in concrete on the S. side of Busse Rd. at Farmers Creek 87' East of C of Farmers Creek and 12' South of E/P of Busse. 15.70' SE of end of guard rail, 1.5' N of face of walk. 4" below grade	1,955,868.06	1,108,656.95

Benchmark No. 91

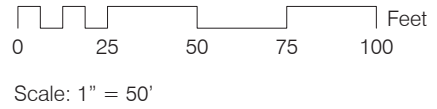


Scale: 1" = 50'



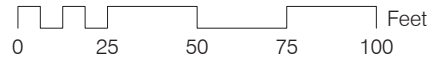
ID	Elevation	Description	Northing	Easting
91	632.15	Monument set in concrete at S.W. corner of Dempster St. and Acres Lane 18' South of E/P of Dempster and 9' West of E/P of Acres	1,957,101.94	1,109,351.46

Benchmark No. 92



ID	Elevation	Description	Northing	Easting
92	635.57	Chiseled square on sidewalk at S.W. corner of Bridge on Rand Rd at Des Plaines River	1,959,175.37	1,107,730.34

Benchmark No. 93

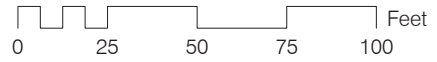


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
93	631.20	2.2' South of guard rail at the end of Hawthorn Ln. 9' E of west end of Hawthorne Ln.	1,960,574.72	1,107,689.63

Benchmark No. 94

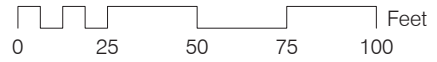


Scale: 1" = 50'

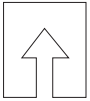


ID	Elevation	Description	Northing	Easting
94	633.86	Monument set in concrete at N.E. corner of Woodland Ave at Grove Ave. 5' East of E/P of Grove and 19' North of E/P of Woodland	1,961,050.98	1,106,643.47

Benchmark No. 95

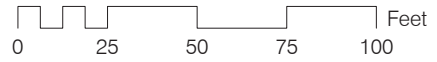


Scale: 1" = 50'

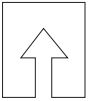


ID	Elevation	Description	Northing	Easting
95	638.83	Chiseled "X" on traffic signal vault at S.W. corner of Golf and East River Roads 2' West of E/P of East River and 10' South of E/P of Golf	1,962,384.33	1,110,102.01

Benchmark No. 96

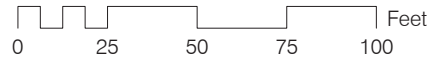


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
96	631.40	Monument set in concrete at N.E. corner of Church Street and Lyman Ave. 7' North of EIP of Church and 7' East of E/P of Lyman next to stop sign	1,959,887.32	1,111,496.42

Benchmark No. 97

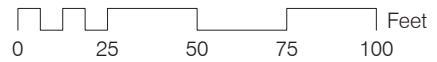


Scale: 1" = 50'

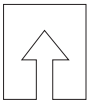


ID	Elevation	Description	Northing	Easting
97	629.41	Monument set in concrete at Ballard Road and Farmers Creek 18' North of E/P of Ballard and 36' East of E/P of Lyman	1,958,699.34	1,111,530.45

Benchmark No. 99

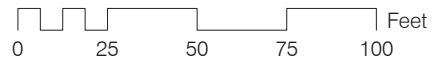


Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
99	637.71	Monument set in concrete at S.E. corner of Dempster St. and Potter Rd. 25' South of E/P of Dempster and 19' East of E/P of Potter	1,957,223.87	1,112,870.33

Benchmark No. 103



Scale: 1" = 50'



ID	Elevation	Description	Northing	Easting
103	632.84	Monument set in concrete at Emerson Street and Farmers Creek 12' South of E/P of Emerson and 11' West of E/P of Good	1,961,203.08	1,112,142.04