

Wisconsin Corner Point Identification System

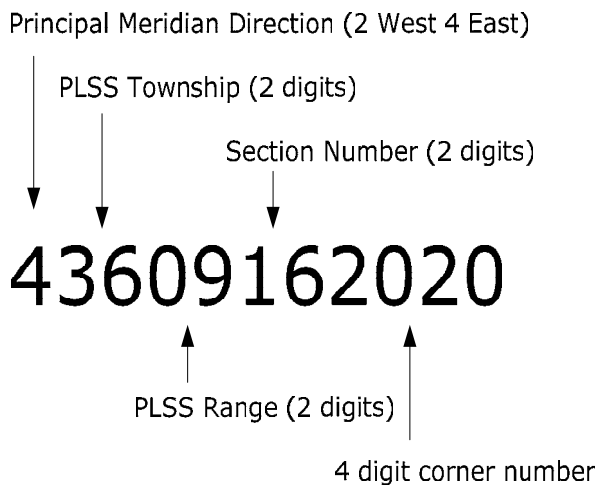
January 2006

The Wisconsin Point Identification system was developed by a special committee chaired by Mike Romportl, Oneida County Surveyor in the early 1990's. This system has been adopted by the Wisconsin Department of Natural Resources (WDNR) in their Land Net program and has been propagated by the Wisconsin Land Information Program.

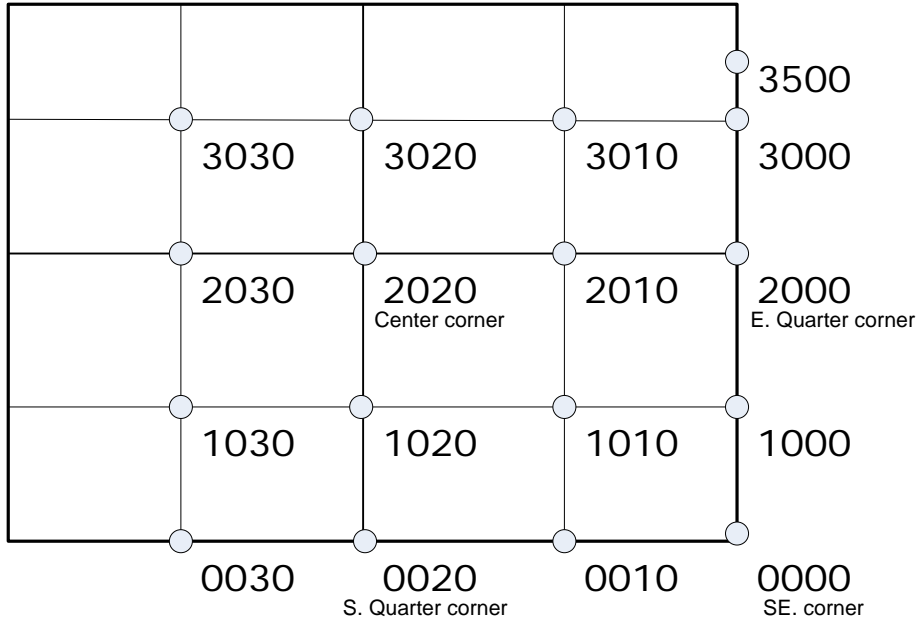
This paper is based on the original document from the Romportl special committee.

Definition

The Wisconsin Point ID is a system of numbering corners of the Public Land Survey System in Wisconsin that provides a unique number for each corner. The basic components of the Wisconsin Point ID are as shown below.



The 4 digit corner number identifies the corner based on its position within the section. A section divided in sixteenths is shown below.



This system uses the south to north approach in a section as shown above. Rows are numbered from 00-30 south to north and columns are numbered east to west 00-30. As shown in the figure above the Southeast corner of a section is always the origin of the system being 0000. Other corners are numbered as shown in the Figure, for example the South quarter corner is 0020; the center corner is 2020; and the East quarter corner is 2000.

These numbers always identify the locations listed regardless of the size of the section. The row and column number is prefixed by the principal meridian indicator, town, range, and section number that is immediately north and west of the corner or point being defined. In Wisconsin, there is only one principal meridian so there is no need for an identifier of the principal meridian itself.

To make the number unique the south and eastern most section lines always take precedence. So in the figure above the corners along the north line of the section illustrated are numbered from the section number to the North.

Special Situations

Closing Corners

Closing corners are numbered according to the section in which they close not the section above or to the west. Use row 40 and the corresponding row and/or column to assign the number.

In special cases such as a closing corner on a standard parallel (correction line), the row would be assigned 90 and the town, range, and section which the closing corner controls would be its prefix. The 40-90 row series acts as a red flag situation.

Excess

Another special case is when excess or deficiencies in sections which were put into the north and west part of the township and Government Lots were assigned resembling $\frac{1}{4}$ - $\frac{1}{4}$ sections. For these cases the rows and/or columns could continue up to 80 to accommodate this condition.

Meander Corners

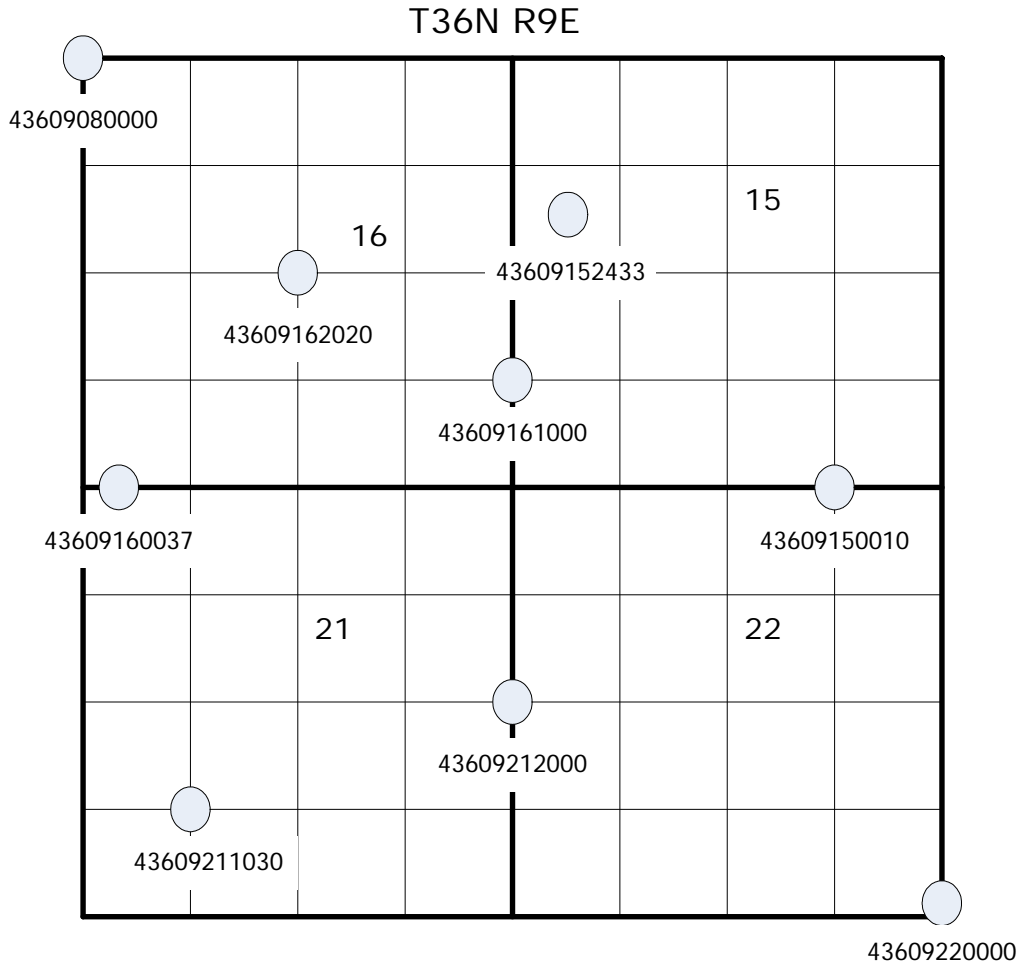
Meander Corners would be assigned identifications based on an approximation of the row and column number where it lies in the section since they do not fall in predicted locations.

Control

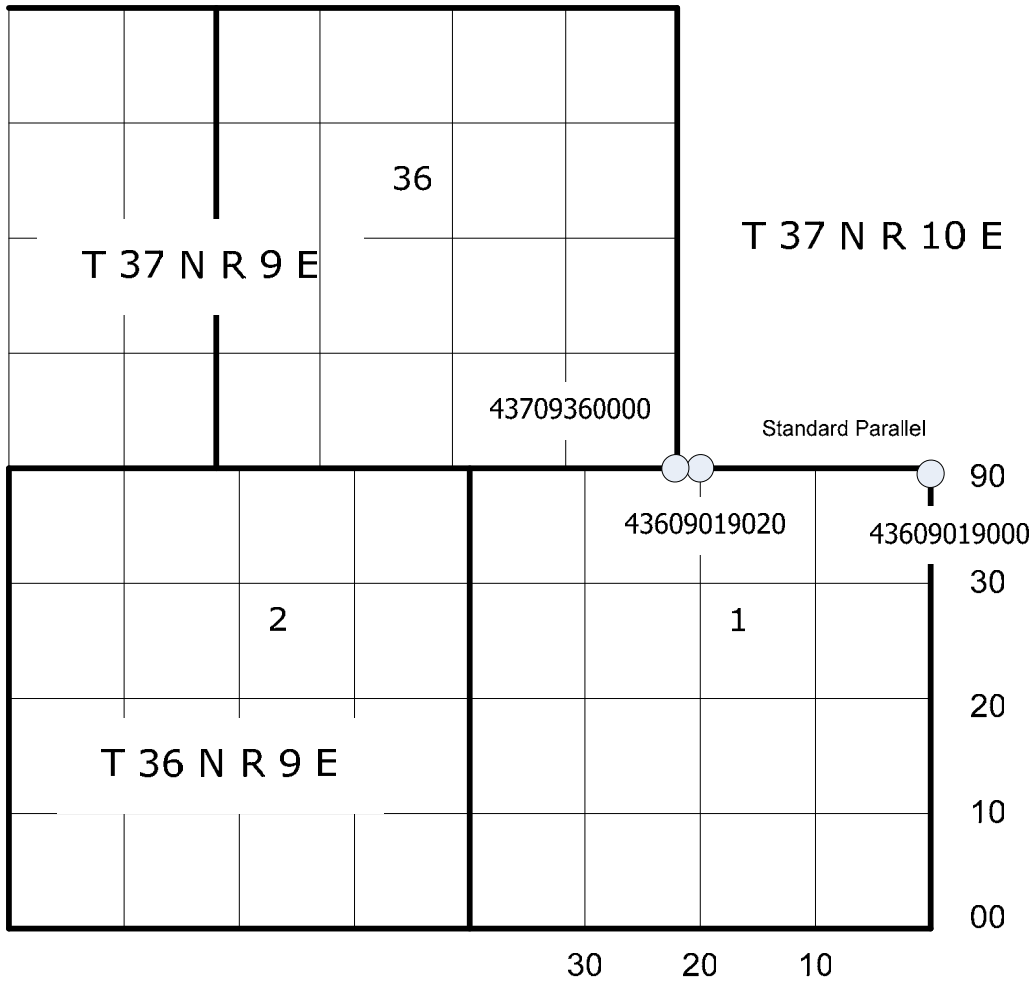
Other control points both vertical and horizontal are included in this schema by assigning identifications of an approximate row/column number. This places the control approximately inside a sixteenth area.

Some Additional Examples

The following figures describe the use of the Wisconsin ID system.



- ID 43609220000 is the SE corner of section 22 T36N R09E and the SW corner of section 23 T36N R09E and the NW corner of section 26 T36N R09E and the NE corner of section 27 T36N R09E.
- ID 43609212000 is the E $\frac{1}{4}$ corner of section 21 T36N R09E and the W $\frac{1}{4}$ of section 22 T36N R09E
- ID 43609211030 is the center 1/16 corner of the SW quarter of section 21 T36N R09E
- ID 43609150010 is the East 1/16 corner on the south line of section 15 T36N R09E
- ID 43609160037 is a meander corner on the south line of section 16 T36N R09E, approximately 37 units west of the southeast corner of section 16
- ID 43609161000 is the south 1/16 corner on east line of section 16 T36N R09E
- ID 43609162020 is the center corner of section 16 T36N R09E
- ID 43609152433 is a point in the SW $\frac{1}{4}$ -NW $\frac{1}{4}$ of section 15 T36N R09E, approximately 24 units north and 33 units west of the southeast corner of 15
- ID 43609080000 is the SE corner of section 8 T36N R09E, the SW corner of section 9 T36N R09E, the NW corner of section 16 T36N R09E and the NE corner of section 17 T36N and R09E



- ID 43709360000 is the SE corner of Section 36 T37N R09E and the SW corner of section 31 T37N R10E
- ID 43609019000 is the NE corner of section 01 T36N R09E and the NW corner of section 06 T36 R10E. The 90 series indicates corner is on a standard parallel
- ID 43609019020 is the N¼ corner of section 1 T36N R09E