



## WASECA COUNTY GIS

### Discrepancies Reasons Waseca County Parcel GIS Layer

1. Inaccurate base data
  - a. Examples include Section Corner that were incorrectly located or computed in the wrong place. No survey data existing for a section corner or section line.
  - b. Section Lines have an assumed instead of precise bearing.
    - i. Ex. Describe a line bearing S00 00'00"°E when the line is actually bearing S00° 10' 00" E can lead to a difference of approximately 15ft over 1 mile distance from the same starting point.
2. Buildings in aerial imagery appears angled
  - a. Our aerial imagery is stitched together from many tiles of overhead pictures.
  - b. This causes buildings to appear to lean in one direction and possibly appear closer to property lines.
3. Mapping a round surface to a flat surface
  - a. Mapping a round surface such as the earth to a flat surface will bring errors into the system.
  - b. This does occur over an area the size of Waseca County.
4. Poorly written legal descriptions or inaccurate legal descriptions
  - a. When these issues occur, sometimes drawings are slightly altered to get them to fit into the overall system based on the existing data.
    - i. Existing Public Land Survey lines are not modified to fit a parcel; the parcel is modified to following our existing public land survey lines.
5. User Input Error
  - a. The user responsible for drawing parcels into the system makes a mistake that is not caught at the time of editing.

**\*Please Remember the GIS system is meant as a guide to what is there and not meant to replace a legal survey.**

