

WASECA COUNTY

DISCREPANCIES REASONS PARCEL GIS LAYER

WHY ARE MY PARCEL LINES OFF?

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" °W 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.