

Yellowstone County GCDB Enhancement Project
December 7, 2006 Meeting Notes

Discussed pilot project:

The Yellowstone County cadastral data in some areas of the county, such as Billings, Broadview and Custer, do not spatially align as well as needed with other GIS data, such as aerial imagery and data collected via GPS. Due to misalignments some GIS processing does not yield accurate results. The objective is to develop a plan that will allow the county to employ the best methodologies to adjust the GCDB and Cadastral Database according to the accuracy both the County and the City of Billings requires now and in the future.

Specifics:

Adjust three townships (t01nr26e; t01nr27e, t01nr28e) using a GCDB based adjustment.

Test an urban area alternative using the red-line area photo reference method by adjusting parcels within one section to aerial photography using a visual spatial adjustment process.

Compare the cost, time, effort, and results to a GCDB adjustment of the same area.

Participants identified particular areas of interest:

Urban Area – including the cities of Billings and Laurel

High growth area NW of Billings – T1N25E

Peaceful Plateau area – T3N27E

Broadview/ Bull Mountain area – T4N23E

Expected completion date of pilot project area is late February.

Will meet again at that time to discuss results from pilot project. Based on results and available funding, determine priorities.