

Archiving and Georeferencing Preliminary and Recorded Plats and/or Surveys for Qualitative Review and Historic Preservation

Jason George - Monroe County
Jared Eichmiller - Monroe County

9:00 - 9:45 am

Bio:

Jason George is a Survey Technician with the Monroe County Surveyor's Office. Before joining the County Surveyor team, he worked on maps and parcel management for twelve years in Marion County Assessor's Office. Currently, Jason's focus is the local preservation of the Public Land Survey System and implementing modern tools in its perpetuation.

Jared Eichmiller is the GIS Coordinator for Monroe County and has been in this role since March 2021. Jared's educational background includes Geography at Indiana University with professional experience including both GIS and social services. Jared's focus is leveraging GIS to support interdisciplinary teams in working toward their goals.

Abstract:

The Office of Monroe County Surveyor uses its GIS resources to ensure that surveys and plats being submitted to our planning department are consistent with local Public Land Survey System (PLSS) Monument Corner records. Through the creation of a geodatabase, we track the age, history, quality and consistency of this data.

Recently, we have begun using ArcGIS Pro to georeference new plats to enhance our review process. With this new georeferencing operation, the images can provide a multitude of functions. The integrity and history of our section monuments can be archived and preserved in one feature class geodatabase; while proposed easements, septic, public/private storm water infrastructure and other tentative attributes populate another geodatabase. Furthermore, when subsequent plats and surveys are recorded, they too will be added to the project, creating a unique ID and indexing method.

Our presentation outlines this workflow and the benefits of having a central location to display mapping imagery to index the history and future development of our community.

