

LiDAR: Practical Uses for a Powerful Product

Our engineering staff here in Clinton County Ohio has incorporated LiDAR data into countless projects involving elevation studies. Using that data has proven time and again to save money and provide information that is invaluable to finishing projects that require precision and accuracy. Alongside engineering projects, we have created and continue to create an endless array of maps showcasing elevation data, all of which have proven beneficial to the public at large and to multiple federal, state, and local governments. We have gone to great lengths to disseminate elevation data in map form and to make those maps available in both online interactive map format as well as static, geo-enabled, portable, digital intelligent PDF maps.

This presentation will focus on how we have processed LiDAR data for inclusion into engineering projects, and how the GIS Department, the Engineers Office, and the County Map Department work together to create quality finished products. We will provide examples of elevation data incorporated into everyday maps and discuss the processes used therein, all with minimal cost and small staff.