

from this scan. During the process, the Leica Pegasus 2 Mobile LiDAR picks up data that provides survey grade information on curbs, manhole and storm inlet locations, signage locations and condition, paint striping locations, along with all above ground utilities.

RESULTS

Brent Buerck, city administrator for the city of Perryville was a driving force in putting this new approach to work. "Our town fathers began requiring concrete curbs, guttering, and streets many years ago but, even now, about one-third of the streets remain asphalt (although they have concrete curbing)," said Buerck. "We started looking for a way to quickly prioritize repairs and schedule street projects for the upcoming years. The team at Zahners put this information together very quickly and turned the raw data over to us, along with an associated score for all of the streets. It will help focus our direction for many years to come."

In addition to the use of Mobile LiDAR for the evaluation of the city streets, the LiDAR technology played a part in managing recent flooding in the Perry County, Missouri, area.

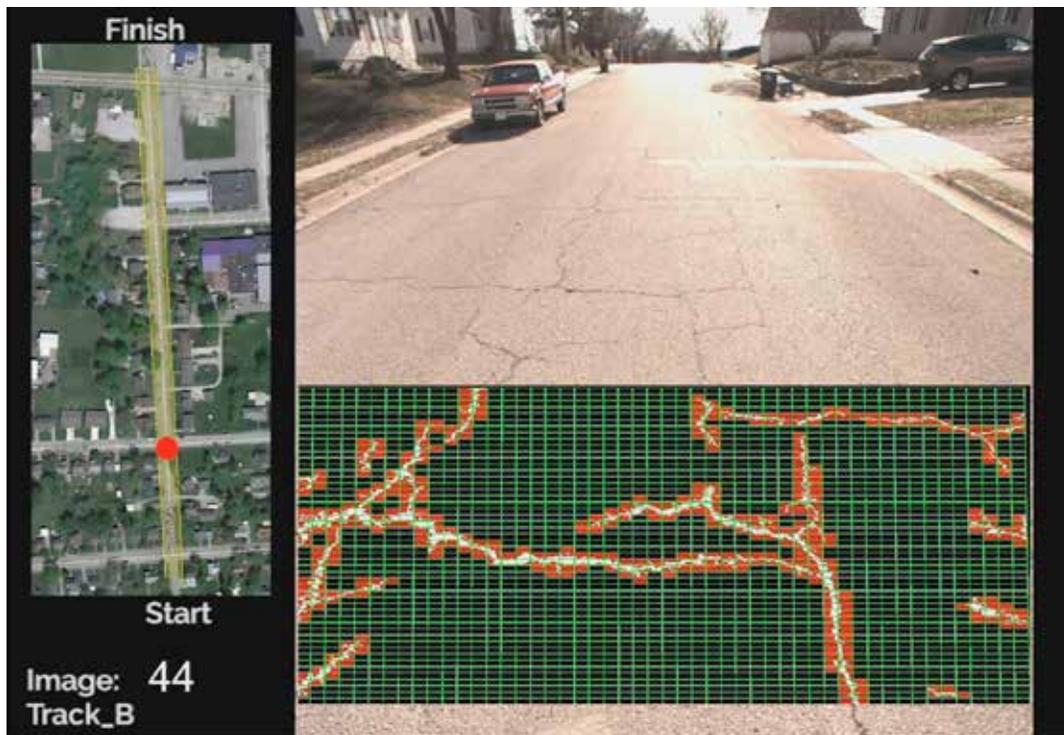
"During the past New Year's flooding, our emergency management team needed a way to review our levee.



The LiDAR technology helped to survey the entire levee and pinpoint low spots so we could identify the areas that most needed focus. It was extremely helpful to survey the levee to focus repair efforts before the flood waters arrived," said Buerck. □

been in the surveying business since 1997. He was an early integrator of GPS solutions at Zahner & Associates and has a vast amount of experience with project management, route surveys, construction staking, laser scanning, and design build projects. Denninger is a member of the Missouri Society of Professional Surveyors and the National Society of Professional Surveyors.

Stanley Denninger is a professional land surveyor. Licensed in Missouri in 2003, Denninger studied surveying at Jefferson College and has



The data provided the City with an analysis of all the selected roads and an overall rating system of the roads. Based on the condition of a road, a choice could be made between repairing or replacing the surface.