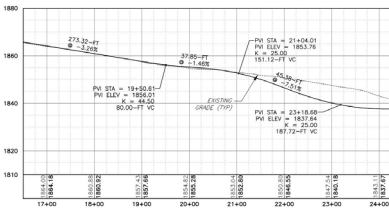


## ROAD EVALUATION SERVICES FOR YOUR PROJECT

With new development impacting new and existing roadways, it can be a challenge to gather accurate real-time road profile data for use in design and construction. Fisher Associates has developed a custom-built road survey system designed to gather data on roadways. The system is built on the software and technology platform of an inertial profiler to gather profile data for analysis of the vertical geometry.



## Advantages



**Safety:** No need for personnel to be on the roadways; data is collected by the unit while driving.



**No traffic disruption:** Data can be gathered at driving speeds, eliminating the need for traffic control.



**Speed:** Can be done efficiently and effectively with one person and a vehicle, saving time and manhours.



**Localization of the data to the site:** Can be paired with a survey base station for added accuracy.

## Applications

- Determine existing public and private road profiles to confirm existing grades and K-values.
- Confirmation of the road profile of constructed roadways to ensure contract document compliance.
- Roadway evaluation prior to component deliveries.
- As-constructed documentation of the roadway profile.
- Survey of railroad crossings to ensure proper clearance for delivery vehicles.

## Analysis

Preliminary analysis of the profile data can be performed in the field utilizing a virtual straightedge. Additional analysis can be performed by exporting the field data to be imported into AutoCAD Civil 3D™ to produce profiles. The profiles can then be modeled utilizing AutoTURN™ software with the truck configurations from transportation providers.

## VALUE PROPOSITION

You asked, “Does Fisher have a more efficient, accurate and cost-effective method for evaluating roads to accommodate the passage of specialized delivery vehicles?” We answered, “We do now.”

We understand the importance of the successful delivery of materials to your construction site to keep your project on schedule and within budget. We developed a new technology that will provide quick and accurate gathering of profile data to determine if the road meets transporter requirements to minimize down time and keep your project on track.

## LEARN MORE



*Edward Kostowniak, P.E.*  
Vice President / Director of Energy  
ekostowniak@fisherassoc.com  
716.319.7563