

Asset Inventory



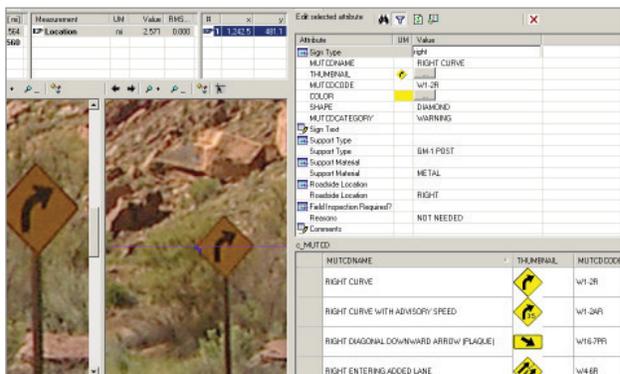
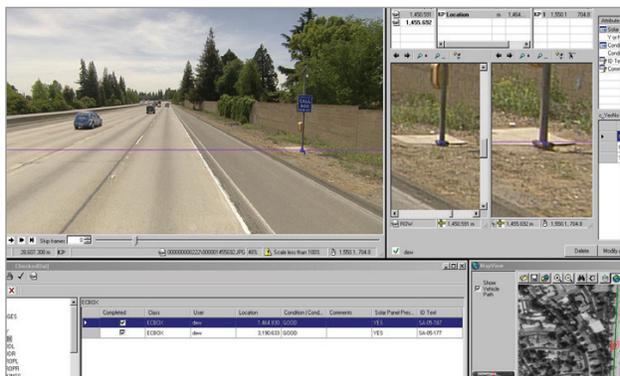
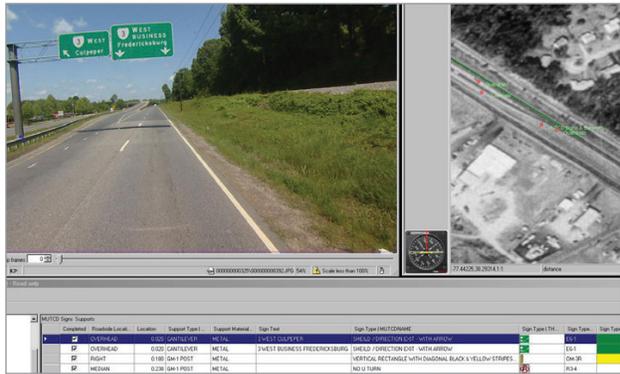
Survey: Fugro provides network level surveys of all visible roadside assets. Asset inventory surveying is fully customizable and can range in scale from municipal to state level road networks. An asset survey can be completed quickly and accurately using the ARAN surveying vehicle in combination with the HD Videolog system and the Surveyor asset extraction software.

Images: We take image quality seriously. Using the highest quality broadcast video cameras with true high definition (1080p) 1920 x 1080 from three CCD cameras is just the start. Highest quality optics ensure every pixel can see every detail. Our cameras are calibrated to give "cm" accuracy at the furthest distances.

Locations: As the precision of the GPS system is a key component of any asset inventory survey, Fugro uses the best inertial aided navigation system on the market. This system ensures that GPS accuracy is maintained even during long satellite blackouts. Sub-meter (three feet) precision in real-time is standard, and 30 cm (one foot) accuracy is achievable by post processing using local base station data.

Reflectivity: The new standards set by FHWA in the MUTCD state that all agencies that maintain roadways open to public travel must comply with its new requirements. In order to comply, you must first identify where your signs are before starting the task of measuring their reflectivity, which Fugro can provide.

Maintenance: Whether its street cleaning, drain cleaning, grass cutting or electricity usage, if your agency does not have an accurate and up to date asset inventory then you are paying too much for one of those services. The potential savings on just one of these services each year could pay for your asset inventory survey.





Asset Inventory

Budget: Asking for additional funds for a project at any time is challenging, but in these times of austere measures, a full asset inventory is critical in knowing how much money is needed to manage, maintain, and update your highway assets. This inventory can accurately define the value of simple step to create an asset management plan to communicate the needs of the region in the most efficient economic terms.

GASB 34: According to GASB 34, state and local governments are to begin reporting all financial transactions, including the value of their infrastructure assets. Although mandatory, the return on investment from such a program cannot be ignored. Whether your strategy is to do more with less money or to gain approval for additional funding, a full and accurate asset inventory is a necessary first step.

Details: If it can be seen, it can be recorded and measured. Fugro will work with you to define your organization's data dictionary. We will record it exactly the way you want it so that all the data goes straight into your asset management system. Every asset is associated with an image so that you can verify the location and collected information. Data collected is spatially referenced and can be exported in a variety of formats for you to view in the GIS application of your choice.

Assets and Attributes

- Signs
- Roadside barriers
- Median barriers
- Guard rails
- Linear pavement markings
- Point pavement markings
- Impact attenuators
- Delineator guide posts

Assets and Miles Surveyed

- Since 2008, Fugro has surveyed and delivered over 2.6 million assets over 111,000 miles.
- We have extracted up to 22 unique asset types, at the same time, on network level surveys.
- In total we have captured 61 different asset types for clients.

Support and Maintenance

Fugro is committed to ensuring that you get the support you need in order to utilize delivered asset inventory data. In choosing to have an asset inventory survey conducted by us, you are committing yourself and your organization to world class service.

Features of our support program include:

- Phone support (Mon to Fri, 6:00a.m.-6:00p.m. EST)
- Onsite technical support and training
- 24 hour online customer support web portal

Premier Services Group (PSG):

PSG provides services to enhance the project-specific knowledge of key clients and to help them innovate at the top of their industries, including:

- Installation and support services
- Managing plug-in development
- Writing productivity scripts and high-end work flows
- Optimizing hardware
- Customized training and documentation

Fugro Roadware

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