

ASSET INVENTORY



Survey

Fugro Roadware provides network level surveys of all visible roadside assets. Our asset inventory surveying service 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 our HD Videolog system, ARAN surveying subsystems, and the Surveyor asset extraction software.

Images

We take image quality seriously. We use the highest quality broadcast video cameras. True High Definition (1080p) 1920 x 1080 from 3 CCD cameras is just the start. We use the highest quality optics to ensure every pixel reveals every detail. Our cameras are calibrated to give "cm" accuracy at the furthest distances.

Location

The precision of the GPS system is a key component of any asset inventory survey. Fugro Roadware uses the best inertial aided navigation system on the market. Using an inertial measurement system ensures that GPS accuracy is maintained even during long satellite blackouts. Sub-meter (3 feet) precision in real-time is standard, and 30 cm (1 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 with this code you must first identify where your signs are. Once you have this crucial information you can start the task of measuring their reflectivity, which we will be happy to help you with.

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.

Budget

Asking for additional funds for a project at any time is challenging, but in these times of austere measures, there is only one way to be certain of how much resources you will need to manage, maintain, and update your highway assets. A full asset 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

State and local governments, according to GASB 34, are to begin reporting all financial transactions, including the value of their infrastructure assets. Although a mandatory requirement, 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. Our team will work with you to define the details you want recorded. We call it the 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 it is what we say it is. All the data we collect is spatially referenced and can be exported in a variety of formats for you to view in the GIS application of your choice.

