



Join Hanson on the road to success

Hanson offers a wide array of asset management services – everything from assisting you with the development of your inventory program to providing data collection. We employ an experienced team of surveyors and GIS specialists to address your ever-changing asset management needs.

Experience matters. So let the Hanson team work for you.

Solutions you can trust

Geospatial imaging

Using a van outfitted with a Mobile Data Capture Digital Imaging System, Hanson offers geospatial imaging services. The system is able to transmit information in real time to an onboard workspace equipped with computers and servers, capturing object dimensions, position, digital imagery, latitude and longitude with survey-grade accuracy while traveling at highway speeds.

Traditional data collection

Our surveyors use current surveying technology, such as robotic total stations, laser scanning and Virtual Reference Station (VRS)-enabled global positioning technologies. These resources allow us to communicate in real time between the field and office, processing information efficiently and effectively.

Program management

In many cases, program management involves managing capital improvement programs (CIPs), assisting you in defining your project's goals, prioritizing workflow, and managing multiple projects often simultaneously. Serving as your program manager, we can help you coordinate your CIP by leveraging our experience, leadership and management skills.

Geographic Information Systems (GIS)

A GIS system will allow you to store and maintain engineering drawings, maps and other data you need in one comprehensive data source. From aerial photography, utility locations and zoning maps to survey data, facility dimensions and floodplain delineations, data can range greatly from project to project. Hanson's team can design a system to help you organize existing information or provide you with a framework for gathering and storing information in the future.

Highlights of our services

Transportation (all modes)

- design studies and planning
- pavement history and road surface inventory
- lighting, striping and sign inventory
- airport obstruction and approach surveys
- security planning and evaluation
- 911 addressing
- property assessment
- ADA compliance

Utilities and energy transmission and distribution

- asset inventory and data collection
- map preparation
- route planning
- right-of-way corridor evaluation

Survey and mapping

- pavement and rail profiles
- photo log of project area
- quality control review of plans
- supplement topographic surveys
- GIS data management

Automated processing examples

- sign detection
- pole detection
- lane marking detection
- edge detection
- CL detection
- road geometry measurements

