

# SURVEY



**FIELD DATA  
COLLECTION**  
*Des Moines, IA*

## GUIDING PROJECT SUCCESS

Survey provides the foundation for planning, design, and overall civil engineering project success. At Snyder & Associates, our goal is to exceed requirements, rather than meet them to provide long-term solutions. We focus on client satisfaction and excel at meeting challenging schedule demands, even if the needs change once we arrive. With an extensive survey staff located throughout the Midwest, we'll respond quickly and efficiently to meet your needs while expediting turnaround time.

## COMMITMENT TO PRECISION ACCURACY

State-of-the-art technology, training, continued research, and development empowers us to provide accurate, detailed data. We understand the importance of doing it right the first time and work diligently to stay at the forefront of the industry using Trimble, Leica GPS, and Leica remote control total stations. Along with hardware, we use special software created for GIS data collection, road alignment staking, precise level runs, and topographic survey work.



**LAND DEVELOPMENT**  
LAND PLANNING  
OWNER REPRESENTATION  
SITE DEVELOPMENT  
SUBDIVISION & PLATTING  
SURVEY



## BATHYMETRIC SURVEY

*Middle Raccoon River,  
Panora, IA*



## HOW WE CAN HELP

### BOUNDARY SURVEY

We work closely with owners, developers, attorneys, title companies, and governmental offices to locate original property lines.

### ALTA/NSPS LAND SURVEY

These highly detailed surveys verify zoning regulation compliance for the issuing of title insurance.

### TOPOGRAPHIC SURVEY & SUBSURFACE UTILITY MAPPING

Using current and emerging technology, we collect detailed survey information for projects ranging from simple to complex.

### PLATS & EASEMENTS

With an emphasis on maximizing stakeholder benefits, we create plats for new easements for proposed utilities, access, etc.

### CONSTRUCTION STAKING

Keen attention to detail is given to verify plan sets against digital/electronic files prior to construction staking, fostering horizontal and vertical accuracy.

### AERIAL CONTROL

We understand the need for accurate ground control targets and photo-identifiable points for top-notch results.

### TERRESTRIAL 3D SCANNING

Using terrestrial scanners, we're able to capture details that would take weeks to collect with traditional survey methods. The resulting level of detail is perfect for building additions, bridge inspections, and remodels.

### AS-BUILTS

Verifying constructed improvements in relation to design plans is an important step in construction. We pride ourselves in delivering critical, relevant information in a format the end user can understand.

### CONTROL NETWORKS

We've established control networks for sites as small as 10 acres and as large as communities over 50,000 residents.

### FLOOD MAPPING

In addition to flood mapping, we'll provide guidance on the rules and regulations affecting your site and create compliance solutions, if necessary.

### BATHYMETRIC SURVEY

Utilizing a sonar system mounted on a flat-bottom boat or remote control hydrone, we can map the underwater ground surface of rivers, lakes, and ponds.