

Isac W. Shelton, PLS
Crew Leader

BIO

Isac's true beginning in the surveying world was with his parent's family construction company. He was exposed to site grading, building and site layout, as well as small sewer and waterline projects. This is where Isac learned the basics of construction layout.

In 2001, he left the family business to work for a small surveying firm that specialized in rural boundary surveys and later went to work with a larger firm where he gained experience with ALTA/ACSM surveys, construction staking, laser scanning, control networks and aerial mapping. In early 2009 Isac joined Powell and Associates.

Isac's current responsibilities as Survey Crew Leader is project management and managing field operations and survey crews. Isac works closely with contractors and clients to insure that projects are completed quickly and with a high degree of accuracy.

PROJECT EXPERIENCE

135th Street Survey, City of Kansas City, Missouri

Managed and performed the field work of a topographic and right-of-way survey for the improvement of 135th street from Holmes Road to Missouri Route 150. All work was done using GPS and robotic total stations. The work included locating all improvements, intersections and driveways, utilities and vegetation.

Little Blue Parkway, City of Independence Missouri

Performed a topographic survey for a divided four lane arterial street spanning across several miles of rural farm land. A project control network was established using GPS and digital levels. The proposed road alignment crossed railroad tracks, Little Blue interceptor sewer and several creeks and streams. The design and construction of this project was divided into nine phases.

Missouri Highway 210, D.M.&E. Railroad Bridge, Kansas City, Missouri

Performed a topographic survey for a bridge expansion project. Conventional and 3D laser scanning equipment was used to complete this project. Existing train and vehicle traffic safety had to be coordinated with Modot and Railroad officers.

WORK EXPERIENCE

2009 to Present Powell and Associates, LLC
Crew Leader

2006-2009 Missouri Valley Engineering & Surveying
Crew Leader

2001-2006 Bowers Survey Company
Instrument Man

EDUCATION

Longview Community College
Land Surveying

University of Missouri-Rolla
General Studies

AFFILIATIONS

Missouri Society of Professional Surveyors
Kansas City Metro Surveyors Association

REGISTRATIONS

Professional Land Surveyor
Missouri

