



Construction Surveying Services

TRANSPORTATION CONSTRUCTION STAKING
INDUSTRIAL | COMMERCIAL CONSTRUCTION STAKING
UTILITY COORDINATION | DECONFLICTION
BIM MODELING | DIMENSIONAL ANALYSIS
3D MACHINE CONTROL | VDC MODELING
ROUTE SURVEYING | SUE | PHOTOGRAMMETRY
AERIAL | TERRESTRIAL | BATHYMETRIC | MOBILE
LIDAR SCANNING



There is nothing more expensive than cheap surveying.

Wilson & Associates, PC, is the trusted partner for transportation engineering firms seeking precision, speed, and innovation in surveying.

As an industry pioneer in technology, we've consistently led the way in adopting cutting-edge technology.

Our advanced survey collection methods deliver more robust data and more precise accuracy needed for modern infrastructure projects. We've supported transportation engineers, DOTs, and contractors for route surveys, construction staking, CM/GC, DB, and PDB projects over the past 50 years.

By combining post-processed GPS positions and advanced-leveling protocols, we eliminate control issues and reduce costly errors—there's nothing more expensive than cheap surveying. WA ensures you never have to find that out the hard way.

We lead the industry in technology —

WA was the first to employ RTK GPS and create Machine Control Models in the 1990s, use Cell RTK GPS in the early 2000s, invest in LiDAR Scanning in 2010, receive FAA 0330 exemption and begin UAS Photogrammetry in 2014, and expand Aerial LiDAR in 2015 under FAA Part 107—now with 15 licenses. In 2023, WA hired a Trimble expert to assist with field-crew training, including established multiple companywide programs, and in 2025, we rolled out a new Mobile LiDAR Scanning vehicle.

We lead the industry in innovation —

WA was an early adopter of UAS LiDAR in 2015, is one of two survey/engineer companies in Tennessee to employ Mobile LiDAR Mapping, has the most projects completed in ORD – supplying industry support to DOTs and engineers, and pioneered in-depth 3D Constructability Analysis, which led to the current TDOT Utility Deconfliction On-Call contracts.

We lead the industry in speed and precision —

WA delivers faster, more robust survey data through the use of industry-leading technology and proven GPS and leveling methodologies—ensuring accuracy with zero control issues. From complex construction staking and route surveys to accelerated bridge construction and emergency repair work, WA brings unmatched experience and precision to every project. We've successfully completed over 20 ABC projects and continue to lead the way in supporting alternative delivery methods with reliable data and rapid turnaround. As the largest geomatics firm in Tennessee, with over 90 employees, WA is your trusted team partner for transportation, commercial, and industrial projects when precision, speed, and expertise matter most.

