



ENGINEERING AND SURVEY CAPABILITIES



1,900+

EMPLOYEES

100+

YEARS OF
EXPERIENCE

50+

LICENSED PROFESSIONAL
ENGINEERS

50+

REGISTERED
SURVEYORS

170+

PROFESSIONAL
SURVEYING STAFF

CIVIL ENGINEERING

Licensed throughout multiple service territories, Woolpert's professional engineers provide a full range of civil engineering services, from site selection and conceptual design to construction drawings and construction support services. As industry leaders in site evaluation, we know the ins and outs of project optimization, saving our clients crucial time and resources. Our decades of experience and cutting-edge technology empower us to deliver innovative, accurate, and cost-effective solutions—even for the most complex engineering challenges.

SERVICES

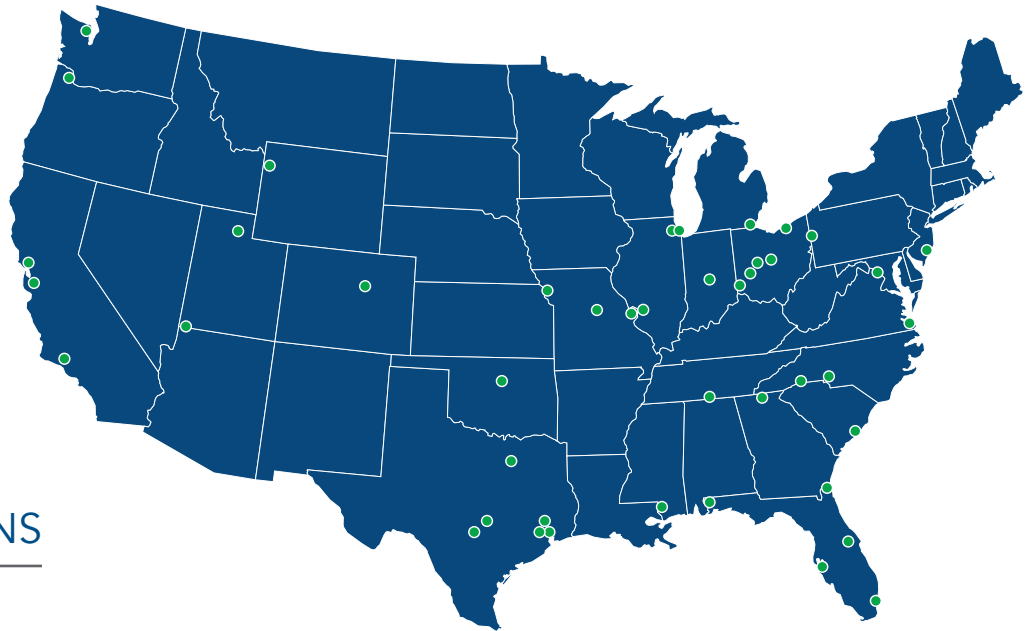
- Underground duct bank design and construction support
- Site civil design for stations
- Grading package development
- Construction inspection and monitoring
- Roadway design and assessment
- Maintenance of traffic (MOT) plans
- Bridges and retaining walls
- Landscape architecture
- Site lighting design
- SWPPP preparation
- MS4 and NPDES consulting
- Hydrologic analysis, flow monitoring, and capacity studies
- Streambed and shoreline restoration design
- Preliminary planning and zoning
- Permit drawings assembly
- Site evaluation, investigation, and due diligence
- Greenfield and brownfield projects
- Geotechnical services, wetland delineation, and cultural resources (sub)

AERIAL AND TERRESTRIAL SURVEYING

Woolpert has some of the most sophisticated aerial and ground surveying capabilities in the industry. Our fleet of aircraft is equipped with the latest sensor technology, and we maintain one of the largest inventories of advanced equipment, including GNSS, robotic total stations, laser-scanning systems, and electromagnetic and ground-penetrating radar. As a valued client, you can rely on our seasoned team of professional surveyors and technical experts to operate according to safety protocols and place adherence to your region's specifications at the forefront of every project.

SERVICES

- Property boundary surveys
- Plats, easement exhibits, and legal descriptions
- Right of way research, verification, and creation
- ALTA surveys
- Topographic survey and feature collection
- Construction staking services
- As-built surveys
- Structure photos
- Clearance and sag checks
- Conductor size/type verification
- Footing verification and movement monitoring
- Power line design surveys
- Terrestrial lidar and 3D point cloud processing/modeling
- Subsurface utility engineering (SUE) and ground penetrating radar
- Mobile mapping systems
- Unmanned aircraft systems (UAS) imagery and lidar collection
- Aerial lidar data collection
- Lidar data processing
- Orthophotography
- PLS-CADD structure, wire, and tree modeling
- Development of planimetric files
- Quality control reporting for line surveys
- Vegetation collection and health analysis
- Corridor management/monitoring surveys
- Thermal imaging inspections
- Wetland and well detection
- Water quality and quantity monitoring
- Watershed management
- Bathymetric surveys
- GIS/mapping services (certified Esri partner)



WOOLPERT U.S. OFFICE LOCATIONS



Jason Montgomery, PE, SI
Market Director, Energy
jason.montgomery@woolpert.com
614.827.6114

James Overton, GISP
Program Director
james.overton@woolpert.com
804.774.2018

