



## Services

ROWE has worked with a wide variety of clients, including:

- Surveyors
- Engineers
- Architects
- Developers
- Utility companies

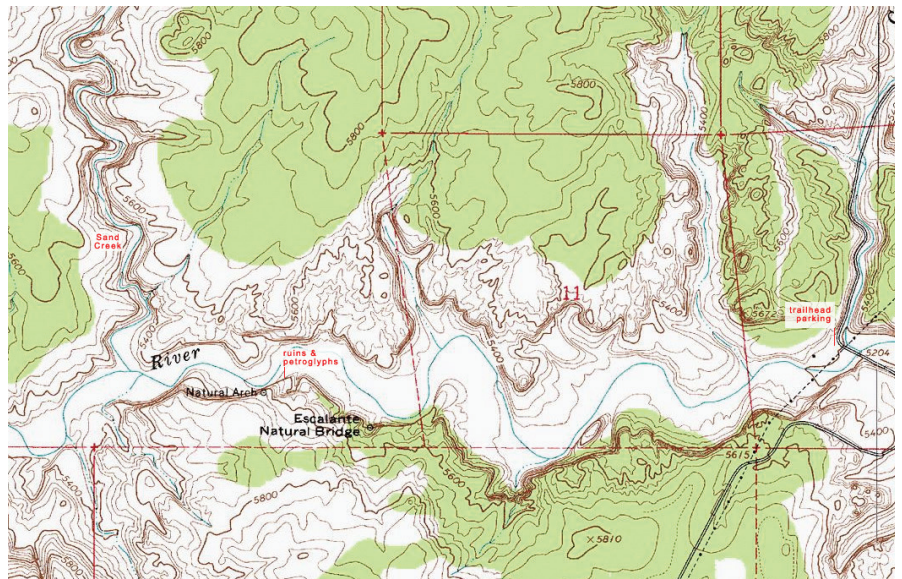
Topographic mapping is required by a wide variety of clients and is needed to show all manmade, non-terrain, and terrain features.

We have assisted these clients on a wide variety of projects, including:

- Water and sewer plants and lines
- Electrical and gas utilities
- Railroads
- Airports
- Shopping malls
- State DOTs
- Landfills
- Quarries
- Colleges
- Hospitals
- Manufacturing plants

State of the art technology including:

- Robotic total stations and GPS
- UAS Imagery and LiDAR
- Mobile LiDAR
- Stationary LiDAR
- Aerial imagery and LiDAR mapping
- Bathymetric sonar
- UTV mounted GPS



Our staff works under the direction of licensed professional surveyors and ASPRS – certified photogrammetrists to locate and compile topographic maps utilizing popular CAD platforms such as Civil3D, MicroStation and TopoDOT.

### Aerial Mapping

We complete mapping projects using both conventional manned aircraft and UAS equipped with camera's and/or LiDAR sensors. All aerial mapping, whether UAS or conventional, is overseen by our certified photogrammetrist to ensure the correct required map accuracy standards are met. Stereo photogrammetry is compiled on softcopy and analytical instruments depending on the clients required accuracy.

### Mobile Mapping

Our team owns and operates a RIEGL Mobile LiDAR system, most commonly used to map highway corridors for safety and long route mapping projects where fast data collection is important to project timeframes and budgets. Mobile mapping data is extracted in the office using TopoDOT extraction software by our experienced extraction team.

### Conventional Mapping

We have been providing traditional survey mapping for most of our 60 years in business. Our conventional mapping is completed using the Trimble robotic total stations, terrestrial scanners, and survey grade GPS equipment. Conventional mapping data is processed using MicroStation or Civil3D depending upon the clients specifications and requirements.