

GEOSPATIAL SERVICES

We specialize in complex projects where various Surveying, Right of Way, Remote Sensing and Geographic Information System (GIS) services are needed. Lounsbury maintains the largest, Alaska based, professional Survey and Mapping staff available.

Our skilled professionals provide you with technical expertise gained over years of application on a diverse range of projects. Lounsbury's geospatial team has an excellent reputation for meeting our client's expectations with quality products, delivered on time and within budget.

Lounsbury has been performing geospatial services statewide since 1949.





Our Geospatial services include:

Aviation

- Primary & Secondary Airport Control Stations
- Airport Obstruction Chart Surveys
- Aeronautical Surveys
- Engineering Design and Construction Surveys for AIP Programs
- ALP Updates
- Navigational Aid Positioning

Boundary Surveys

- Cadastral Surveys
- Boundary Retracement Surveys
- Alaska State Land Surveys
- Tide Land Surveys
- Subdivision Design
- Platting

Roads, Highways, and Rail

- Right of Way Survey and Mapping
- Engineering Design and Construction Surveys
- Bridge Site Surveys
- Sign Inventories

Mining

- Volume Monitoring
- Dam Layout / Construction
- Heap Leach Layout / Construction
- Quality Control Inspections
- Tunnel Monitoring
- Haul Road Constructions

Marine

- Hydrographic Surveys
- Navigational Surveys
- Volume Calculations
- Dock and Marine Facility As-built
- Tidal Determinations

Geographic Information Systems

- 3D Mapping and Modeling
- CAD/GIS Conversions
- Cadastral Mapping
- Custom Scripting and Tools
- Document Management Systems
- Interactive Mapping
- Mobile Data Collection
- Site Selection
- Spatial Analysis
- Transportation Planning and Routing
- Training

Specialty Services

- 3D Laser Scanning and Modeling
- Ground Penetrating Radar (GPR)
- Precise Geodetic Positioning
- Aerial Photography & LiDAR Mapping
- Subsidence Studies
- Oil & Gas