

**DEVOTED TO  
YOUR TEAM  
YOUR PROJECT  
AND YOUR FUTURE**



**NATIONWIDE  
MIDSTREAM SERVICES**

With extensive experience in all phases of midstream projects, Percheron is the right integrated partner for your project needs. At Percheron, working as a fully integrated team is the key to success. Every project requires concept development, knowing the ownership of land, who owns the surface and mineral rights, acquiring those rights, surveying the land, providing design, drawings, and schematic, and understanding the environmental impacts. Our team members stand united with one common goal – ensuring that your project succeeds. Our experts have experience working on some of the most complex interstate and intrastate pipelines across the country. We are confident that our ability to staff any project of any size nationwide coupled with our processes and proven success, makes Percheron the only choice for your pipeline project needs.



Engineering



Survey



Environmental



Land



Title



UAS



GIS

Over  
**19,040**  
miles of linear  
experience  
(within the last 10 years)

**Your Integrated  
Project Solution**

## Engineering

- Project Management
- Due Diligence Studies and Regulatory Compliance
- Route Selection
- Concept and Project Scope Development and Total Installed Cost (TIC) Cost Estimates
- Pipeline & Facility Design
  - › Transmission / Gathering Pipelines (Urban and Rural)
  - › Meter Stations
  - › Pump Stations
  - › Storage Facilities
  - › Compressor Stations
  - › Substation, Switchyard, etc. Design
- Site Grading Design
- Balance of Plant Design
- Energy Storage Layouts
- Construction Specifications
- Hydrostatic Test Procedures
- Horizontal Directional Drill (HDD) Design including Drilling Fluid Management and Hydraulic Fracture Analysis
- Purging and Commissioning Procedures
- Material Procurement
- Construction Management

## Survey

- Boundary Surveying - ALTA/NSPS Land Title
- Topographic/Design Surveys
- Right of Way Parcel Plats/Descriptions
- Navigable Waterway Inspections
- Hydrographic/Bathymetric Services
- Depth of Cover Surveys
- Professional Mapping Services
  - › Boundary and Easement Plats
  - › Plan and Profile Sheet Production
  - › Site Planning and Layout
  - › Grading and Drainage Plans
  - › Construction Alignment Sheets
  - › As-Built Alignment Sheets
  - › Construction Site Specific Exhibits
  - › Environmental and Non-Environmental Permits
- 3D Laser Scanning/ High-Definition Surveying
  - › BIM/Digital Twin Modeling
  - › Detailed Plant/Facility Surveys
  - › Construction Progress Asset Management
- Construction Staking and Support
- As-Built Surveys
- Settlement and Monitoring Surveys
- Operations and Maintenance Survey Support
- Regulatory and Compliance Surveys

## Land

- Project Management
- Feasibility Studies
- Route and Site Selection
- Due Diligence
- Oil & Gas Lease Acquisition/Amendment
- Right-of-Way Acquisition/Amendment
- Non-environmental Permitting
- Fee/Mineral Acquisition
- Geophysical Testing Permit Acquisition
- GIS/Mapping
- Lease Records/Asset Management
- Land Administration Support/Document Recording
- File Review/Assimilation & Data Entry
- Surface Site Acquisition & Settlement of Surface Damages
- State & Federal Lease Sale Representation
- Eminent Domain Support
- Construction Monitoring & Damage Settlement
- Relocation Assistance
- Operations Support & Maintenance
- Survey Permissions
- Survey Support

## Environmental

- Federal Energy Regulatory Commission Filings
- US Army Corps of Engineers Permitting
- US Fish & Wildlife Service
- Water Quality Certifications
- Wetland & Habitat Conservation/Mitigation
- Conservation Banking
- Threatened & Endangered Species Consultation
- National Historic Preservation Act Consultation
- National Environmental Policy Act (NEPA)
- Application for Permit To Drill
- Scenic River Permits
- Environmental Compliance
- Pre & Post Construction Assessments
- Constraint Mapping
- Public Outreach
- Expert Testimony

## UAS

- Traditional Photogrammetry
- Airborne LiDAR
- Airborne Topographic Surveys
- Terrestrial LiDAR/Laser Scanning
- Mobile Mapping/LiDAR Surveys
- Large- and Small-Scale Volumetric Surveys
- Route Selection Assistance
- PHMSA/Regulatory Surveys
- Tank/Facility Documentation Surveys
- Aerial Reclamation Investigation and Survey Support
- UAS Equipment Feasibility and Case Studies
- UAS BVLOS and Sensitive COA Projects
- Blue/Green/NDAA compliant data collection available
- Aerial Photo/Video Documentation
- Linear Corridor/ROW/Site Inspection
- Construction Monitoring
- Emergency and Disaster Response
- Civil Infrastructure Documentation
- Environmental Conditions Documentation
- Asset Documentation
- Pre- and Post-Construction Assessments
- Wireless Infrastructure Inspection
- Thermal Inspection
- Leak and Failure Detection
- Multi and Hyperspectral Data Acquisition

## GIS

- GIS Analysis
  - › Siting Studies for Suitability
  - › Routing Analysis and Selection
  - › Routing Summary & Detailed Reports
  - › Impact identification
  - › HCA Identification
- Webmap Applications
  - › GRID Webmap Application
  - › Project Reporting Dashboards
  - › Esri Field Maps
  - › Google Earth Pro
- Data Management
  - › GRID Database
  - › Enterprise SDE
  - › Feature Services
  - › Task Automation
  - › QA/QC Measures
- Cartography
  - › Mapbooks (Map Series)
  - › Engineering Route Maps
  - › Plotter Maps
  - › Site Maps (Siting Analysis)
  - › Preliminary Exhibits
  - › Permit Maps
  - › Environmental (NR/CR) Figures

## Title

- Lease Checks
- Mineral Title Research
- Runsheet/Certified Title Preparation
- Surface Title Research
- Limited Title Certificates
- Chain of Title Preparation
- Production Research
- Document Management
- File Review/Assimilation & Data Entry
- Project Management
- Tax Research
- Due Diligence



**PERCHERON**  
MAKING LIVES BETTER