

energy infrastructure development

engineering & design | survey & mapping | row acquisition | project management



SURVEY & MAPPING

- GPS Control Networks
- Digital Orthophotography Generation
- Traverse & Detail Surveys
- Property Line Surveys
- Quad/Aerial Photo Based Overview Maps
- Alignment Sheet Generation
- Site Specific Drawing Generation

FEASIBILITY STUDIES

- Land and Utility Research
- Field Investigations
- Environmental Database Searches
- Conceptual Base Plan Development
- Engineering/Environmental Permit Requirement Identification

RIGHT-OF-WAY

- Lands / Title Research
- Access Permissions
- Easement / Fee Negotiations
- Plat Production
- Stakeholder Outreach
- Damage Evaluation & Settlement

PERMITTING

- Federal DOT, State and Local Highway & Railroads
- Local Building Permits
- Zoning Variances
- Stormwater and Erosion Control Plans

ENERGY FACILITIES DESIGN

- Meter & Regulation Stations
- LNG / CNG Facilities
- Compressors
- Material Specifications & Procurement
- Power Plant Fuel Gas Boost Compressors
- LNG Pumping, Vaporization & Boiloff Compression

PIPELINE ALIGNMENT

- Engineering Route Analysis
- Workspace Configurations
- Access Road Analysis
- Contractor/Pipeyard Analysis

PIPELINE DESIGN

- Directional Drills
- Road & Railroad Crossings
- Cathodic Protection
- Mainline Valves, Launcher/Receivers

PUBLIC RELATIONS & PROPERTY RIGHTS

- FERC – Public Scoping Hearings
- State & Local Outreach Programs
- Property Easement Procurement
- Construction Damages Evaluation & Settlements

CONSTRUCTION SERVICES

- Construction Bid Package Preparation
- Construction Bid Evaluation
- Shop & Field Inspection
- As-Built Facility Drawings
- As-Built Pipeline Mapping



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