

ENCROACHMENT SERVICES



OUR SOLUTIONS

EN Engineering's Encroachment Services engineers and project managers have the intimate knowledge and experience you need to manage external communications, collaborate with internal personnel, and limit interruption to your daily operations. We have successfully managed several third-party encroachment programs for oil and gas operators through our comprehensive engineering design services that take your project from inception to construction execution.

When managing encroachment projects, our engineers begin with third-party design assessment as we work on your behalf to avoid conflicts. When conflicts cannot be avoided, we utilize best design practices to employ protective measures or safely relocate assets out of harm's way. EN Engineering's team has the expertise you need to review all forms of infrastructure development plans including roadway, rail, waterway, agricultural, and architectural designs.



SERVICES WE PROVIDE:

- Engineering review and conflict assessment
- Third-party negotiations / Conflict avoidance
- Line lowering design
- Load bearing and finite element analysis
- Vibration analysis
- Pipeline relocation / HDD design
- In-line inspection data assessment
- Line purging and commissioning procedures
- Engineering and construction estimating
- Permitting efforts
- Survey / Inspection support
- Owner project engineering



WHO WE INTERFACE WITH:

- Federal, state and local agencies
- Residential and commercial developers
- Third-party utilities and transmission carriers
- Agricultural landowners
- Mining and blasting operators
- Railroad and airport authorities
- US Army Corps of Engineers



OUR HISTORY:

- Long-term partnerships with several oil and gas client encroachment programs
- Successful workload management, interfacing with third parties, and client engineering, land, and legal functions
- Best design practices and technical expertise in a wide range of unique applications
- Proven history of driving client cost savings through conflict avoidance and third-party negotiations
- Business in all 50 states with offices across the country to serve your local needs