PPRO is a GIS-enabled tool that analyzes engineering, environment, land and constructability factors to generate least cost, minimal impact pipeline routes.

PPRO can create multiple pipeline routes quickly and efficiently, allowing the project to understand different routing scenarios in even the most complex routing circumstances. The PPRO route(s) can then be overlaid with the PPRO database during the route review process.

The PPRO database shows the broad range of pipeline routing risks and opportunities within the project study area based on the GIS data required to generate the route.

TRC owns and maintains a proprietary PPRO database that is specific to pipeline routing.

PPRO generates impact analysis reports not only based on the pipeline route, but also a potential workspace layout, environmental study area, or even a specified buffer around the pipeline route. Impact analysis reports can be generated off of a PPRO route or an existing pipeline route.

PPRO integrates with TRC’s Integra Link™ data management solution, which easily connects stakeholders members to the data and systems that provide the insight they need to develop, operate and maintain critical infrastructure accurately and efficiently.

During a FEED study, a client had an existing pipeline route that was selected for the project. The client requested that we run PPRO to analyze their route and verify their route selection. PPRO analyzed their route and generated a new route that saved the client $70 million on construction costs and was a better route in terms of permitting and overall schedule for the project.
About TRC

A pioneer in groundbreaking scientific and engineering developments since the 1960s, TRC is a national engineering, environmental consulting and construction management firm that provides integrated services to the energy, environmental and infrastructure markets. We serve a broad range of commercial, industrial and government clients, implementing complex projects from initial concept to delivery and operation. TRC delivers results that enable clients to achieve success in a complex and changing world.

A publicly-held corporation listed on the New York Stock Exchange (NYSE:TRR) – NYSE’s oldest environmental firm – TRC includes over 4,000 technical professionals and support personnel in more than 120 offices throughout the U.S. Our clients depend on TRC’s multidisciplinary teams to design solutions to their toughest business challenges.

TRC’s Pipeline Services team provides engineering, procurement, EPC, project management, integrity and field services to the oil and gas and electric utility industries. Our history of managing and executing complex projects has positioned us to be a full-service provider in the emerging integrity market.

Representative Clients

- Boardwalk Pipeline Partners
- Columbia Pipeline Group
- Energy Transfer
- PSNC Energy
- Kinder Morgan
- Williams

For more information contact:
integrity@trcsolutions.com | 816-398-4500

www.trcsolutions.com