

## MANAGE PIPELINE CROSSINGS ACROSS THEIR ENTIRE LIFECYCLE

The Technical Toolboxes Crossings Suite provides engineering teams focused on pipeline crossings with the GIS integrated tools they need to manage pipeline crossings from design, through operation and integrity, to record keeping and encroachment management. Through the HUB platform's value-added tools, each of these software solutions can share data and entities between each other through one centralized data repository, so the need for repetitive manual data input is greatly reduced when compared to standalone point solutions or internal spreadsheets, and all engineers are aligned using the same data and calculations across the organization.

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### WHY USE THE CROSSINGS SUITE

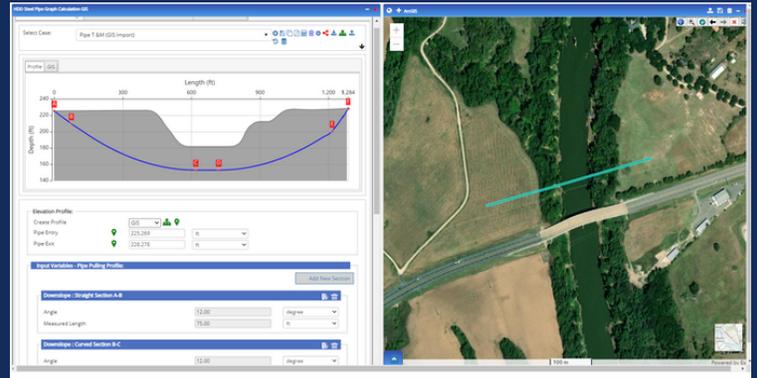
The Crossings Suite combines solutions to the most pressing challenges involved in pipeline crossings into one point of access for all engineering teams, allowing them to:

- Configure asset data once and plug it into any application
- Reduce time spent on data mining and entry
- Minimize the risk of calculation and data entry errors
- Perform calculations based on industry standards and best practices
- Visually depict pipeline assets on a global scale using GIS
- Automate reporting with the click of a button
- Streamline workflows to optimize productivity
- Better collaborate and share information as a team to work faster and safer



## WHAT'S INSIDE

- **Pipeline Toolbox:** Over 230 pipeline engineering calculations used by engineering teams on a consistent basis with several crossings-specific modules
- **Crossings Workflow:** Automated iteration of wheel and track load analysis capable of addressing multiple vehicles crossing over multiple pipelines
- **HDD Powertool:** Advanced HDD tools for borehole stability, pipe pull through, cables in conduits, and more
- **Encroachment Manager:** A dedicated tool for encroachments that centralizes all their associated calculations and reports into one indexed repository with



*The HDD Powertool paired with GIS in the Pipeline HUB*

## TYING IT ALL TOGETHER WITH THE PIPELINE HUB

- A centralized data repository for all Crossings Suite applications and reports, shareable across teams
- All tools are GIS integrated to provide visual representations of pipeline assets and automated elevation import
- Automated report generation with a click of a button to fulfill TVC (traceable, verifiable, complete) documentation.



**TECHNICAL  
TOOLBOXES**

[www.technicaltoolboxes.com](http://www.technicaltoolboxes.com)

