

TRENCHLESS CONSTRUCTION

Michels Trenchless believes safe, unobtrusive underground construction is essential to the future of infrastructure. We use an array of trenchless methods to construct utility lines in places where open-trench installations would not be feasible or desirable. We have been performing trenchless construction for decades and it shows. Our leaders, managers and field personnel have amassed an extensive resume of successful projects. Regardless of whether we are working close to home or thousands of miles away, our trained crews deliver consistent quality, safety and performance.



DIRECT PIPE

Direct Pipe[®] is a single-pass method combining the best of horizontal directional drilling and microtunneling. After a microtunnel boring machine coupled with the prefabricated, pre-welded and pre-inspected pipe is launched from the surface or a shallow pit, we use tooling to track orientation and location.

- Water crossings
- Levee crossings
- Rail crossings
- Road crossings
- Underground utility crossings

HORIZONTAL DIRECTIONAL DRILLING

Horizontal directional drilling (HDD) is an established trenchless utility line installation technique. We have become a world leader in HDD by designing, building and mastering the use of powerful rigs to place utility lines substantially deeper than conventional trench construction, providing significant cover for crossings under waterways, existing utilities and underground structures.

- Land-to-land crossings
- Land-to-water crossings
- Water-to-water crossings
- Crossings in any ground condition

Infrastructure. **Delivered.**



HORIZONTAL DIRECTIONAL DRILLING

Williams County, ND, USA

- 4,701-meter drill
- 24-inch steel pipe
- Pilot hole intersect method
- Record length for 24-inch pipe

Williston County, ND, USA

- 4,037-meter drill
- 20-inch steel pipe
- Pilot hole intersect method
- Trenchless Technology Project of the Year (2021)

Burlington, ON, Canada

- 3,540-meter drill
- 12-inch steel pipe
- Pilot hole intersect method
- Longest HDD installation (Canada)

Fort MacKay, AB, Canada

- 2,195-meter drill
- 42-inch steel pipe
- Pilot hole intersect method
- Pipe thrust support on pullback



DIRECT PIPE

Brazoria, TX, USA

- 1,227-meter drive
- 48-inch casing pipe
- North America record for length

Texas, USA to Tamaulipas, Mexico

- 750-meter drive
- 48-inch natural gas pipe
- International border crossing

An overview of the collective strength of the **MICHELS** Family of Companies



8,000 people
strong



17,000 pieces
of equipment

1959

founded in



50+ offices
globally



ENR's Top 400
Contractor's List

Michels Trenchless is proud to be a member of the Michels Family of Companies. Established by Dale and Ruth Michels in 1959, Michels is owned and operated by the Michels family.

Our global operations are guided by our Core Values, starting with our profound commitment to ensuring the health and safety of our people, those who work with us, and the communities in which we live and work.

From our senior leaders and project managers to our crews in the field, we share a universal belief in performing at the highest level on all projects, regardless of size, location or scope of work.



WATCH ME

MICHELS[®]
TRENCHLESS PTY. LTD.

MichelsTrenchless.com.au