

# Imperial Waterdown to Finch Project



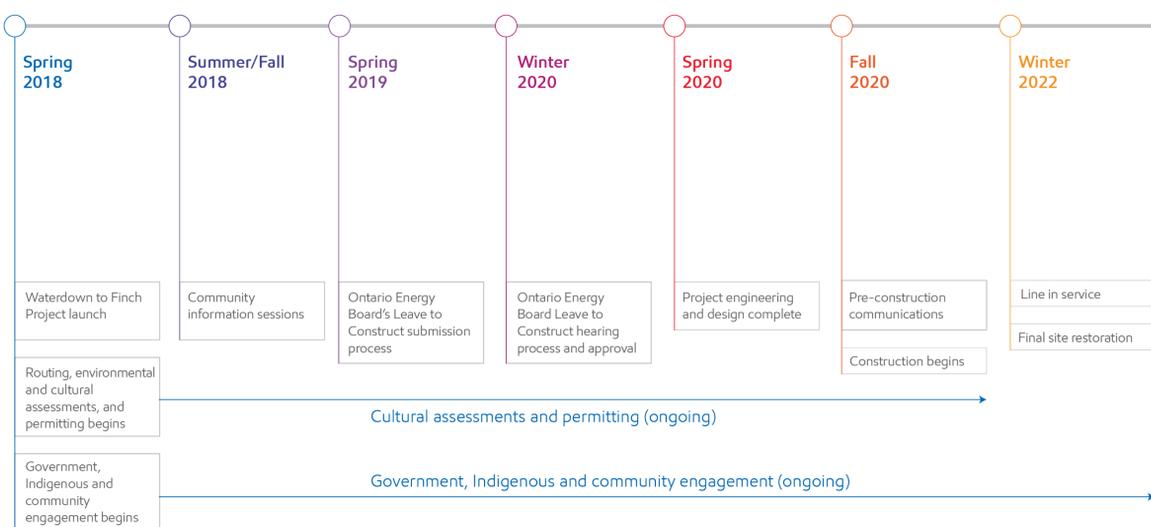
Imperial's Sarnia Products Pipeline has been operating safely for many years. The Project is a proactive measure to ensure continued safe and reliable fuels supply for the Greater Toronto and Hamilton Area.

Imperial is replacing 63-kilometres of the Sarnia Products Pipeline, from our Waterdown pump station in rural Hamilton to our terminal storage facility in Toronto's North York area.



## Construction timeline

With the required approvals and permits in-place, construction activities began in December 2020. The Project will progress from west to east with the new line in service by Winter 2022.



## Minimizing construction impacts

Imperial has been working closely with the regulator and different levels of government to minimize construction impacts throughout the duration of the Waterdown to Finch Project.

**Planning the route**  
Throughout the planning process, Imperial worked with subject matter experts to minimize impacts to the environment and surrounding communities.

**Preparing for construction**  
Imperial will clear the pipeline route and create temporary workspaces which include the installation of safety barricades.

**Activating the new line**  
In keeping with industry best practices, the new pipeline's integrity will be tested prior to being filled with products.

**Deactivating the current line**  
To minimize impacts and ensure upmost safety, the existing pipeline will be deactivated, filled with nitrogen gas and safely left in place to minimize impacts.

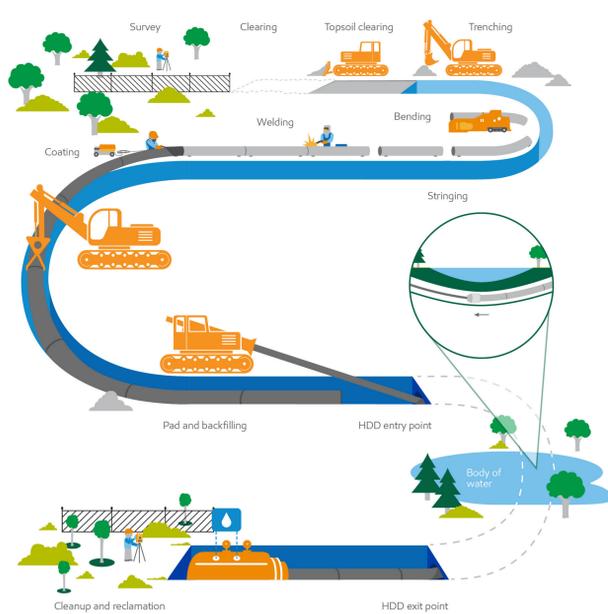
## Did you know?

Canada was only 13 years old when Imperial was established in London, Ontario.

Today, Imperial is an integrated products company, exploring for, producing, refining, and marketing products essential to society.

## Construction process

Imperial builds safety and integrity into its pipelines from the outset of construction. Our pipeline projects have rigorous material, design and construction standards that comply with or exceed all applicable government and industry standards.

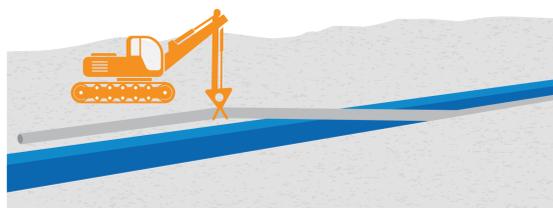


## Did you know?

Imperial's safety performance is among the best in the Canadian energy industry. We attribute our record of safe and reliable operations to our preventative maintenance and proactive pipeline inspection programs.

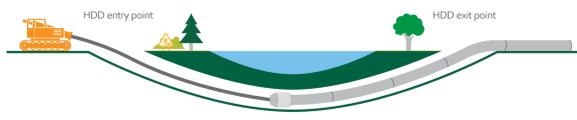
## Construction methods

We aim to minimize our impact on the environment, local communities and Indigenous groups by routing pipelines around sensitive areas and adopting construction practices that decrease disruptions. During the Waterdown to Finch Project, Imperial will use two construction techniques.



**Open cut construction**  
Open cut construction is the fastest method for pipeline installation.

- Lay and bend the pipe to the contours of the land
- Weld, test and inspect the pipe
- Lower pipe into the trench and cover it for protection



**Trenchless construction**  
Horizontal directional drilling (HDD) is a method of installing underground pipe using a directional rig at the surface level.

- Drill along a designed directional path
- Enlarge the pilot hole to fit the pipeline
- Pull the pipeline back through the hole

## Where will we deploy trenchless construction?

Imperial will deploy trenchless construction known as HDD to minimize impacts to sensitive or congested areas like water bodies, significant wetlands, highways and sensitive archaeological or cultural heritage sites.



## Working with the local community

Imperial is committed to meaningful community engagement throughout the construction period. We will continue to work with local community members to help inform solutions to minimize the impact of any disruptions.

**?** Onsite representative will be available to address any questions during construction

**🎤** Public information sessions will be held in communities along the Project footprint

**🔨** Archeological assessments and monitoring led by Indigenous community partners will continue through construction

