Mariner East 2 Project Modification – HDD 290 Upper Uwchlan Township, Chester County

Sunoco Pipeline, a subsidiary of Energy Transfer, is seeking approval from the Pennsylvania Department of Environmental Protection to change the installation method for a portion of the 20-inch pipeline located in Upper Uwchlan Township, Chester County.

The company proposes to change from a horizontal directional drill (HDD) to an **open cut** on a section of the route spanning approximately 2,700 feet, south of and parallel to Little Conestoga Road and through the intersection of Little Conestoga and Milford Roads.

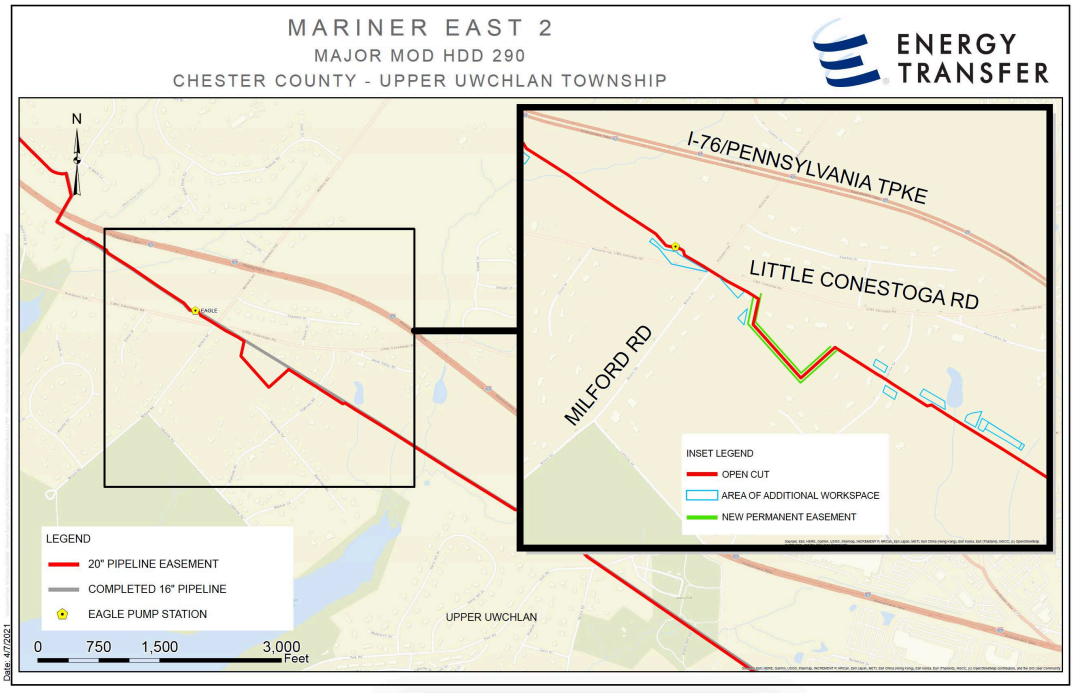
The modification would also change the pipeline route slightly on a 1,400-foot section of the route, running south of the original path.

See below for a map of the route.
See the next page for a diagram and description of the open cut construction method.

The proposed change to the Mariner East 2 pipeline installation method adapts to the local geology and maximizes public and environmental safety. This change would **eliminate the potential for inadvertent returns** of water and clay drilling fluid. Once work begins, installation will take approximately 5 to 10 weeks.

NOTE: *Construction methods, completion times and exact locations are subject to change due to the inherent fluidity of the construction process and outside factors. The 16-inch Mariner East 2X pipeline is already installed in this area.*

Additional information and updates can be found at:
www.marinerpipelinefacts.com/majormod290

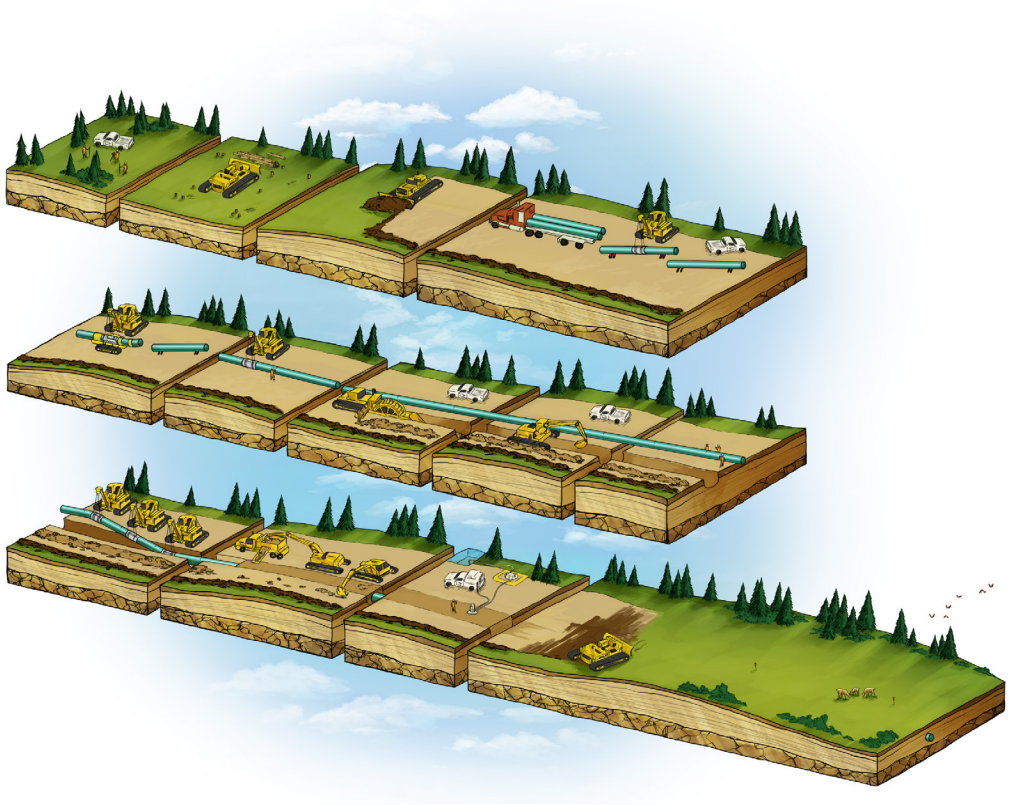


WHAT IS A MAJOR MODIFICATION?

This change is classified as a "major modification," which is a change to an existing environmental permit issued for pipeline construction that exceeds a minor revision. It could be a change of the construction method, the specific pipeline route or workspace within the right-of-way. In the case of Mariner East 2, such environmental permits are issued by the Pennsylvania Department of Environmental Protection (DEP).

Graphics should be used as general references. Specific tools and execution in the field may vary.

Open Cut/Open Trench Installation



Where workspace and enough land access are available, open trench installation is the typical method used for construction, repair and replacement of various utilities, such as pipelines and sewer and water lines. Open trench installation excavation consists of: digging a trench with backhoes or wheel ditchers; lowering the pipe into the trench; and backfilling the subsoil and separated topsoil, where applicable.

Information and Inquiries

Energy Transfer
Mariner East
Pipeline Project
3807 West Chester Pike
Newtown Square, PA 19073
855.430.4491
marinerpipelinefacts.com

ENERGY TRANSFER