

**Upper Uwchlan Township Questions  
Energy Transfer/ Sunoco Pipeline responses  
October 14, 2019**

- **Status of HDD 280 proposed major modification to open-cut**

- On August 2, 2019, Sunoco Pipeline (SPLP) submitted a revised modification request to the PA DEP for a change to the route and installation method for the 16- and 20-inch diameter pipelines for HDD 280. Partially to help coordinate with Pennsylvania Turnpike Commission on future plans they have for the area, our request is to change the installation method from an HDD to open trench installation, otherwise known as an open cut.

The proposed modifications will minimize the potential of inadvertent returns. The open-cut installation provides a more definitive timeline, barring prohibitive weather conditions, and will reduce the duration of the work at this location from 9-11 months with horizontal directional drill to an estimated 90 days from shovels in the ground to the point of restoration.

This construction modification request is currently with Pennsylvania DEP for review. The agency will make the permit modification plans available for public view when they are posted in the Pennsylvania Bulletin and on the PA DEP website. The timing for review and approval is a question that should be directed to PA DEP.

- **Work hours**

- In order to complete the pipe installation at the open-cut portion underneath Meadow Creek Lane, we will be working during work hours allowed under Upper Uwchlan's noise ordinance between 7 am – 7 pm Mondays through Fridays and 9 am – 5 pm Saturdays.

- **Construction overview**

- The project team plans on excavating and installing at least one section of pipe with length between 40ft – 60ft per day along the southern stretch of Meadow Creek Lane, which parallels the Pennsylvania Turnpike. Barring any prohibitive weather or outside factors, the construction activities in this area are anticipated to last approximately 90 days from the first trench to the point of restoration.
- Our proposed construction plan will not impact Styer Road nor access to Little Conestoga Road as we will be boring under the roadway. There will only be short-term closures as flaggers periodically help equipment cross from one side of the road to the other.
- Each evening after 7 pm, the roadway will be cleared of equipment and will be available for public use until the next working morning when the construction activities resume.
- Construction equipment will be stored or staged at an assigned temporary work space nearby, at the company-owned property, or at our construction yard.

- **Communications to impacted landowners to the north and south of the Meadow Creek Lane easement and work area**

- A dedicated land agent will be assigned to the Meadow Creek Lane for the duration of the construction in the area. There will be constant communication and coordination with each homeowner with driveways along Meadow Creek Lane that will be impacted by the pipeline construction so that they can coordinate access in and out of their homes daily.
- We will only excavate and install pipe that can be backfilled within the same day, and any open-trench areas will be covered with steel plates at the end of each day. Therefore, homeowners will not be displaced and will have access to their homes.

- **Communications to offline landowners**

- We have dedicated right-of-way agents who are already in contact with online landowners. We will also send a pre-construction notice to the homes along Meadow Creek Lane and Quail Run Lane with a point of contact for information.
- We will also continue providing Upper Uwchlan Township with updates to the construction schedules so that the township can share the information publicly on its website as officials see fit.
- **Coordination with other utilities**
  - Before construction begins, we align and coordinate with other utilities in the area including water, communications, power and sewer providers. We follow the 811 PA One Call process to ensure safe digging practices.
- **Coordination with public works**
  - Upon conversations with Upper Uwchlan Township, the township has agreed to be the main point of contact to share information and coordinate with the school district for school bus routes as well as first responders. Sunoco Pipeline and its contractor will also conduct pre-construction walk throughs with emergency responders to walk through the construction activities and any on-site adjustments that can be made.
  - Sunoco Pipeline and its contractor will coordinate trash and recycling collection with the appropriate vendors so that landowners' waste management needs will be met on a weekly basis.
- **Geological Items**
  - The excavation and installation of the pipeline underneath Meadow Creek Lane will be completed via open-trench method. Pipelines installed under roadways will be buried at a minimum 5-foot depth of cover.
  - While there is no anticipated need to blast hard rock underneath the roadway, Sunoco Pipeline will offer pre-construction baseline inspections for each property and homeowner that would like one. The reports will be sent to both Sunoco Pipeline and the homeowners as a record of pre-existing conditions.
- **Post-construction and restoration**
  - Upon completion of the pipe installation underneath Meadow Creek Lane, the roadway will be restored back to asphalt at the standards and specifications set by the Township Roadmaster.
  - Sunoco Pipeline must also meet the conditions of the DEP permits that require continued restoration efforts to reach 70% vegetation growth where applicable. Depending on the growing season, you may see environmental crews continuing their restoration work in accordance with our environmental permits.
- **Stormwater drainage easement between 36 and 38 Meadow Creek Lane**
  - There is a 20' storm water easement that straddles the property line with the neighboring parcel to the east, so 10' of the easement is on the company-owned property. The only impact to this is our access road, which is temporary. Per our project permits, we are required to restore it to preconstruction conditions.
- **Plans for company owned property**
  - Energy Transfer has been communicating and will continue to communicate with Upper Uwchlan Township to discuss the future transfer of ownership of 38 Meadow Creek Lane in-kind to the Township upon completion of the Mariner East 2 and Mariner East 2X pipeline project.
- **Pipeline Operations and Safety**
  - Energy Transfer has a comprehensive pipeline integrity program that enables us to monitor our assets 24 hours a day, 7 days a week, 365 days a year. Please see the

attached pipeline operations and safety overview handout that outlines all of the steps taken by our operations personnel, beyond aerial patrols, which meet and exceed pipeline safety regulations.

- 3<sup>rd</sup> party damage is the number 1 threat to pipelines. Specific to installed pipelines underneath roadways, there is no difference in how aerial patrols, or other inspections, are conducted in order to prevent damage to the pipeline systems. According to federal regulations, aerial inspections must be done at least 26 times per year; however, Energy Transfer conducts aerial patrols **once/week**, weather permitting.
- Keep in mind that the installed pipelines underneath Meadow Creek Lane will be backfilled with a combination of sand, stones, and flowable fill (grout). Visual inspections from above and by ground patrol will look for sunken ground, exposed pipe, land erosion unauthorized excavation and dead vegetation outside of the asphalt portion of the road.