

*Atlantic Sunrise Project – PA DEP Chapter 105 Joint Permit Application  
Transcontinental Gas Pipe Line Company, LLC  
Lancaster County*

**APPENDIX L -4**  
**RECREATIONAL TRAIL CROSSING PLANS**

# Atlantic Sunrise Project Enola Low Grade Trail Crossing Plan

June 2016

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## Introduction and Background

Transcontinental Gas Pipe Line Company, LLC (Transco) proposes to construct the Atlantic Sunrise Project (Project), which is an expansion of the existing Transco natural gas transmission system that will enable Transco to provide natural gas from northern Pennsylvania to its existing market areas in the southeastern United States. The Project includes installation of approximately 198.2 miles of new pipeline, including two new greenfield pipelines (Central Penn Line [CPL] North and CPL South), two pipeline loops (Chapman and Unity), and noncontiguous pipeline replacements.

The proposed route for CPL South crosses the Enola Low-Grade Trail at milepost (MP) 7.1 in Martic Township, Lancaster County, Pennsylvania, along an existing overhead transmission line right-of-way (ROW). The Enola Low-Grade Trail is an approximately 29-mile-long, noncontiguous trail, extending from the Susquehanna River to Atglen, Pennsylvania. The trail passes through wooded and open areas and consists of portions of the former (abandoned) ROW of the Enola Low-Grade Railroad. It was developed as a Rails-to-Trails project through negotiations with the owner of the abandoned ROW, Lancaster County, and municipalities along the trail. The sections of the trail that are currently open for use can be accessed from dawn to dusk, and are used for various recreation activities, including biking, walking, horseback riding, and cross-country skiing.

Transco met with Martic Township officials on February 19, 2015 to identify suitable measures to minimize disturbance to the trail and its visitors during construction. This crossing plan addresses the Martic Township officials' concerns and outlines the special procedures proposed to minimize disturbance to the trail and its users.

## Construction

Transco is proposing to cross the trail using conventional pipeline construction methods. Construction activities across the trail and in the immediate vicinity will last approximately 12 weeks and include mobilization, ROW clearing, trenching, pipe installation, backfilling, and site restoration. This estimate is based on construction progress, weather, land access, and

environmental permits, and is therefore, subject to change. Transco will file weekly construction reports with the Federal Energy Regulatory Commission (FERC) indicating, among other things, changes to construction schedules, and these reports will be available online through the FERC website ([www.ferc.gov](http://www.ferc.gov)) under the Project Docket No. CP15-138.

Transco intends to close the trail for a total duration of approximately two weeks. Transco determined that establishing an alternate route for trail users during construction was infeasible. As described below, two temporary trail closures will be necessary.

### **Notifications and Safety Measures**

Once construction timing is decided, and at least two months prior to construction, Transco will notify Martic Township officials of the construction schedule. Two weeks prior to construction, Transco will post signage at the nearest trail access point, the intersection of Red Hill Road and State Route 324 in Providence Township, and at the crossing location to alert trail users of the construction work ahead and the trail closure.

Transco will install chain-link safety fencing on each side of the trail and across the pipeline ROW to keep trail users out of the work area during construction periods. Gates will be erected across the travel lane, and these gates will be opened to allow equipment to cross the trail. Construction monitors or flagmen will also be present when construction equipment traverses the trail during periods outside of the scheduled temporary trail closures.

The first temporary trail closure, lasting approximately 4 to 5 days, will involve excavation across the trail. Once the excavation is completed, the contractor will install bridging with hand rails across the trench. Construction fencing will direct recreational users of the trail to cross the pipeline trench at the bridge crossing. Once the bridge and security fencing is installed, use of the trail will be permitted.

The second temporary trail closure, lasting approximately 5 to 6 days, is for tie-in construction activities. During this temporary trail closure, the contractor will install the pipeline section across the trail. After the pipeline section is installed, the contractor will make tie-in welds to the mainline section. The contractor will then commence with back-filling the trench, compaction, and final dress-up. The trail will be graded prior to final restoration to allow continued use of the trail. Construction fencing will be re-erected to direct the recreational users to the graded trail.

**Restoration**

Following construction, Transco will restore the trail to its preconstruction condition. The disturbed area surrounding the trail will be prepared for seeding, fertilizing, and mulching after construction has been completed. The final temporary trail closure will occur during asphalt repairs following the conclusion of trail-related construction activities.

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# Atlantic Sunrise Project Conestoga Trail Crossing Plan

June 2016

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## Introduction and Background

Transcontinental Gas Pipe Line Company, LLC (Transco) proposes to construct the Atlantic Sunrise Project (Project), which is an expansion of the existing Transco natural gas transmission system that will enable Transco to provide natural gas from northern Pennsylvania to its existing market areas in the southeastern United States. The Project includes installation of approximately 198.2 miles of new pipeline, including two new greenfield pipelines (Central Penn Line [CPL] North and CPL South), two pipeline loops (Chapman and Unity), and noncontiguous pipeline replacements.

The proposed route for CPL South crosses the Conestoga Trail at milepost (MP) 8.2 in Conestoga Township, Lancaster County, Pennsylvania. The Conestoga Trail is a 63-mile-long hiking trail located primarily on private land that is developed, maintained, and protected by the Lancaster Hiking Club. The trail crosses a variety of land uses and provides a view of the varied natural terrain of Lancaster County. Portions of the trail are co-located with roads, and the Conestoga Trail is co-located with Pequea Creek Road at the pipeline crossing.

Transco met with members of the Lancaster Hiking Club on December 10, 2014 to discuss the Project's crossing of the trail. This crossing plan was prepared to address the concerns expressed by members of the Lancaster Hiking Club and outlines the special procedures proposed to minimize disturbance to the trail and its users.

## Construction

Transco is proposing to cross the trail using conventional pipeline construction methods. Construction activities across the trail and in the immediate vicinity will last approximately 12 weeks and include mobilization, ROW clearing, trenching, pipe installation, backfilling, and site restoration. This estimate is based on construction progress, weather, land access, and environmental permits, and is therefore, subject to change. Transco will file weekly construction reports with the Federal Energy Regulatory Commission (FERC) indicating, among other things, changes to construction schedules, and these reports will be available online through the FERC website ([www.ferc.gov](http://www.ferc.gov)) under the Project Docket No. CP15-138.

Transco intends to close the trail for approximately two weeks. Transco determined that establishing an alternate route for trail users during construction was infeasible. As described below, two temporary trail closures will be necessary

### **Notifications and Safety Measures**

Once construction timing is decided, and at least two months prior to construction, Transco will notify members of the Lancaster Hiking Club of the construction schedule. Two weeks prior to construction, Transco will post signage at access points and along both sides of the trail leading up to the construction site to alert trail users of the construction work ahead and the trail closure. Warning signs will be posted at access points and along the trail on both sides of the proposed crossing once construction has begun.

Transco will install chain-link safety fencing will be installed on each side of the trail and across the pipeline ROW to keep trail users out of the work area during construction periods. Gates will be erected across the travel lane, and these gates will be opened to allow equipment to cross the trail. Construction monitors or flagmen will also be present when construction equipment traverses the trail during periods outside of the scheduled temporary trail closures.

The first temporary trail closures, lasting approximately 4 to 5 days, will involve excavation across the trail. Once the excavation is completed, the contractor will install bridging with hand rails across the trench. Construction fencing will direct recreational users of the trail to cross the pipeline trench at the bridge crossing. Once the bridge and security fencing is installed, use of the trail will be permitted.

The second temporary trail closures, lasting approximately 5 to 6 days, is for tie-in construction activities. During this temporary trail closures, the contractor will install the pipeline section across the trail. After the pipeline section is installed, the contractor will make tie-in welds to the mainline section. The contractor will then commence with back-filling the trench, compaction, and final dress-up. The trail will be graded prior to final restoration to allow continued use of the trail. Construction fencing will be re-erected to direct the recreational users to the graded area of the trail.

**Restoration**

Following construction, Transco will restore the trail to its preconstruction condition. The disturbed area surrounding the trail will be prepared for seeding, fertilizing, and mulching after construction has been completed.

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