

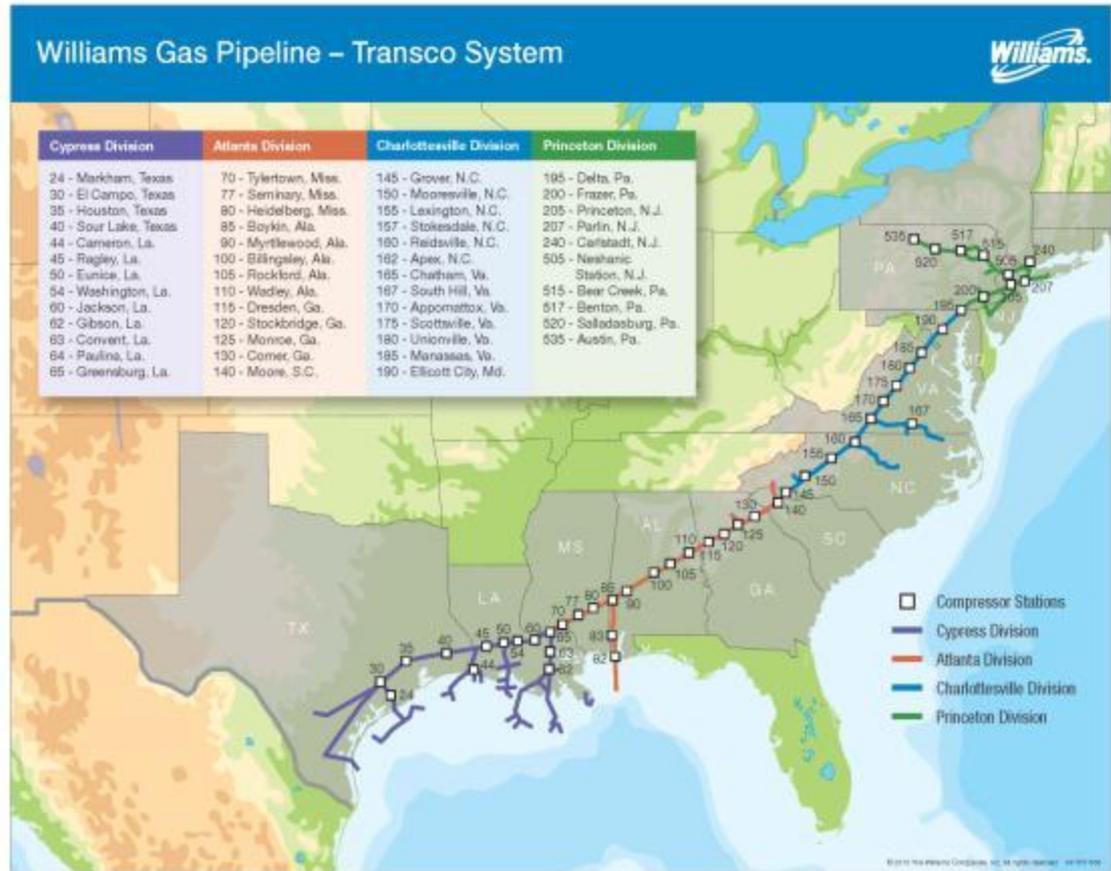
Williams Transcontinental Gas Pipeline Company Leidy Southeast Project

March 24, 2015

Who is Williams... Who is Transco...



- > Williams owns & operates the Transco interstate natural gas pipeline.
- > Transco pipeline system consists of 10,200 miles of pipeline and 52 compressor stations and storage facilities.
- > System design capacity of 9.8 bcf/day.
 - Enough energy to heat approximately 42 million homes every day.
- > Transports 8% of the natural gas consumed in the U.S.



Leidy Southeast: Project Overview

> LSE will transport 525,000 Dekatherms of gas per day, enough energy to heat approximately 2 million homes

> Project Components

– Four pipeline loops

- Dorrance (Luzerne County, Pennsylvania)
- Franklin (Monroe and Luzerne Counties, Pennsylvania)
- Pleasant Run (Somerset and Hunterdon Counties, New Jersey)
- **Skillman (Mercer and Somerset Counties, New Jersey)**

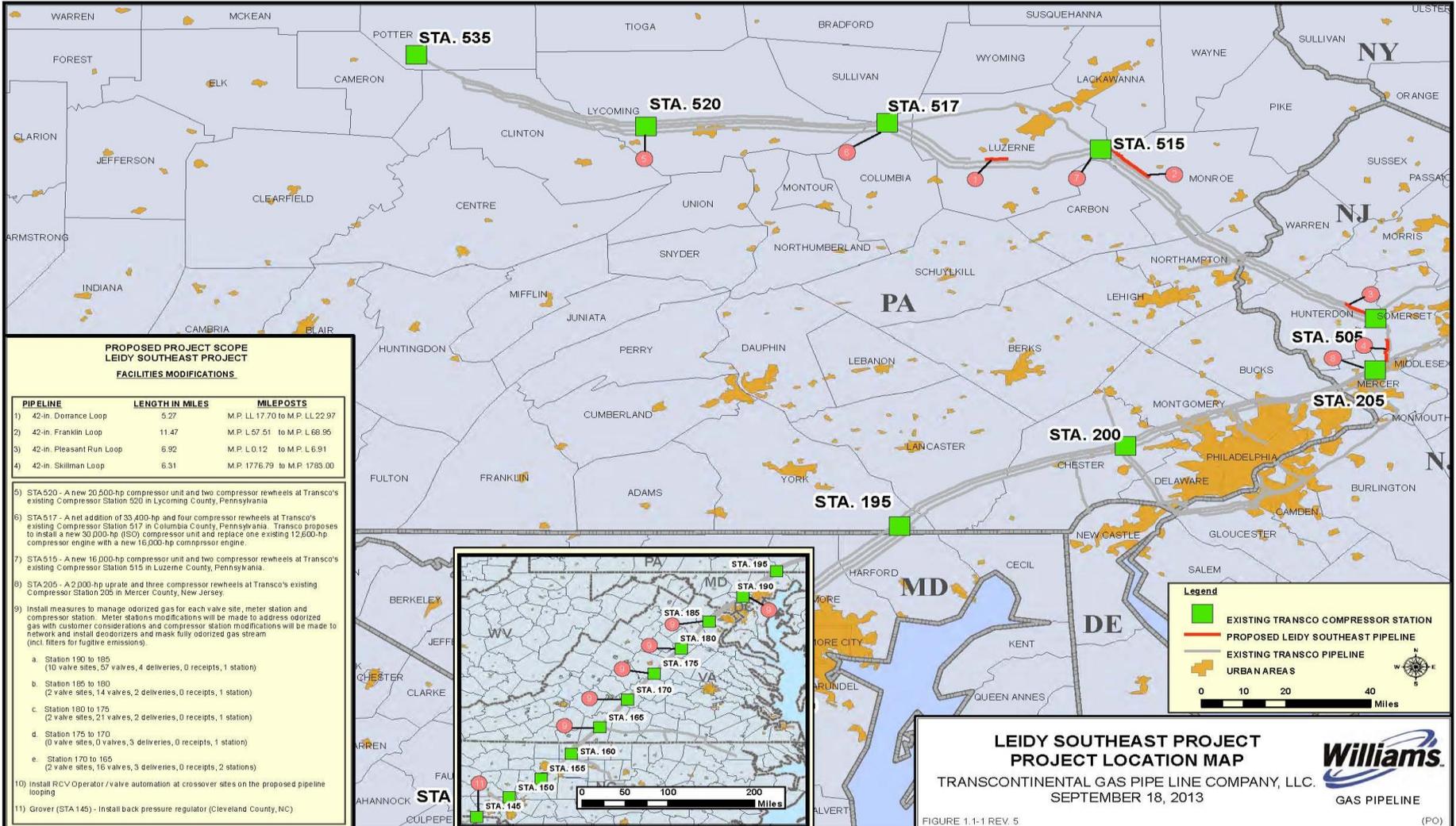
– Aboveground Facilities

- HP additions to existing facilities
 - Compressor Station 520 (Lycoming County, PA)
 - Compressor Station 517 (Columbia County, PA)
 - Compressor Station 515 (Luzerne County, PA)

> What is a pipeline loop?

- A segment of pipeline installed adjacent to an existing pipeline and connected to it at both ends
- A loop allows more gas to be moved through the system

Leidy Southeast: Project Overview



The FERC Regulatory Process



- > FERC is the governing body that determines whether the project is needed and in the public's best interest
- > Transco seeks approval for pipeline expansion projects by filing an application for a Certificate of Public Convenience and Necessity
- > Transco filed the FERC Application for the Leidy Southeast project, which includes the proposed Pleasant Run and Skillman Loops, in September, 2013 and is now working under docket number CP13-551
- > Environmental Assessment was issued August 2014
- > FERC Order authorizing the project was issued December 2014

Princeton Schedule

Work to be completed prior to May 1st

- > Tree clearing (Regulated areas dependent on NJDEP permit approval)
- > Potholing existing pipeline by hand
- > Investigative test coring (over proposed pipeline)
- > Install erosion control devices
- > Install safety perimeter fence

Work to be completed after May 1st (Start of existing line outage)

- > Installation of air gap work bridge
- > Waterbody/Wetland boring
- > Trench excavation
- > Pipe installation
- > Backfill new pipeline

Work Hours



- > Monday through Friday 7:00AM to Dark
- > Saturday 8:00AM to Dark
- > Sunday 8:00AM to Dark when needed
 - (requires Municipality prior notification)

Construction Safety



- > Construction and Safety will be inspected by the following
 - OSHA
 - FERC
 - DOT PHMSA
 - NJDEP
 - County Conservation Districts
 - Williams Inspection Teams
 - H&M Inspection Teams

Road Crossings



- > Road crossing permits are being processed by Princeton

- > The following roads are scheduled to be Open Cut
 - Stuart Road
 - White Oak Dr.
 - Ridgeview Road

- > Police will be onsite for traffic control during road crossings and pipeline work (including night security)

- > Cherry Valley Road is to be bored under

Construction Process



> Review of KMZ Google Earth

Construction Commitments



- > Transco has limited the width of the construction right-of-way to 50 feet for the majority of the 1.3-mile-long segment.
- > Transco will discontinue the flow of natural gas in the existing pipeline prior to removal of any large rocks and place a wooden mat bridge over the existing pipeline as an added measure and continue this outage through the installation and backfill of the new 42-inch pipeline. During this time, the pipeline segment will be filled with water and pressurized in order to maintain pipeline stiffness.

Construction Commitments

- > The outage will continue through the installation and backfill of the proposed pipeline. Once the pipeline installation, backfill, and a successful hydrostatic test is complete, Transco will return the existing line to service and will then initiate rough cleanup, wooden mat bridge removal, final cleanup and restoration operations.
- > Prior to the matting installation, Transco will perform pot-holing to verify the location of the existing pipeline in order to ensure that the air-gapped bridge is centered over the existing pipeline.
- > Transco will utilize non-blasting techniques to remove large boulders and excavate bedrock from the new trench. Rock hammer equipment, if necessary, will be stationed and operated only over the trench, and not over the existing pipeline.

Construction Commitments

- > Upon completion of the installation of the new pipeline, the existing pipeline will be hydrostatically tested for 8 hours at a pressure of 1,200 psi, or 1.5 times the Maximum Allowable Operating Pressure (MAOP) of 800 psi.
- > After successful hydrostatic testing and returning the existing pipeline to service, Transco will perform another inline inspection of the existing pipeline with a geometry inspection tool.
- > Upon completion of construction, the Skillman Loop will be hydrostatically tested to ensure the integrity of the new pipeline prior to placement in service.

Construction Commitments



- > Transco will implement site-specific restoration measures in the Princeton Ridge including, but not limited to, the testing for and treatment of compacted soils; topsoil replacement; planting of seed mixtures in consultation with the NJDEP, Mercer County, and Natural Resource Conservation Service (NRCS);

Land POCs



- > For questions or concerns during construction please contact Transco's project Land Office at (610) 419-9145
- > Should you not receive a satisfactory response to your question/concern, you should call Transco's Project Hotline at (866) 455-9103. A response to your call can be expected within 24 to 48 business hours. If a satisfactory response to your concern still has not been provided, you may call the FERC'S Enforcement Hotline at (888) 889-8030, or e-mail at hotline@ferc.gov. Please include the docket number CP13-551-000 when communicating with the FERC.

New Jersey Department of Environmental Protection Division of Land Use Regulation



- > For the Skillman loop the runs through Princeton Transco has applied for:
 - Freshwater Wetlands Individual Permit
 - Freshwater Wetlands Special Activity Transition Area Waiver
 - Flood Hazard Area Individual Permit including request for Hardship Exception:

- > Comments from NJDEP staff
 - Comments have been received from NJDEP on the applications
 - The majority of comments focus on reductions of impacts to regulated areas
 - Transco currently addressing comments and incorporating into revised drawings