



Transcontinental Gas Pipe Line Company, LLC

Southeast Supply Enhancement Project

Individual Permit Application

Submitted to:

United States Army Corps of Engineers – Wilmington District

United States Army Corps of Engineers – Norfolk District

North Carolina Department of Environmental Quality

Virginia Department of Environmental Quality

Virginia Marine Resources Commission

June 2025

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1 PROJECT INFORMATION

Transcontinental Gas Pipe Line Company, LLC (Transco¹) is proposing to construct the Southeast Supply Enhancement Project (SSE or Project). The following information details a request to authorize proposed impacts to jurisdictional wetlands and other Waters of the United States (WOTUS) through the issuance of Individual Permits from the U.S. Army Corps of Engineers (USACE) Wilmington and Norfolk Districts and authorizations from the North Carolina Department of Environmental Quality (NC DEQ) and Virginia Department of Environmental Quality (VA DEQ), including Clean Water Act (CWA) § 401 Water Quality Certifications (WQC). The Wilmington District Permit Application along with the NC DEQ Permit Application is provided in Attachment 1 and the Norfolk District/VA DEQ Joint Permit application is provided within Attachment 2.

The NC DEQ WQC Permit Application includes an Authorization for Riparian Buffer Uses in the Jordan Lake Watershed and the Randleman Lake Watershed.

Also enclosed is a request for a Virginia Marine Resources Commission (VMRC) General Permit for Utility Line Encroachments Beneath or Over State-Owned Subaqueous Beds for the utility crossings associated with the Banister and Sandy River crossings.

Additionally, under separate cover, Transco is concurrently requesting from VA DEQ Additional Upland Conditions for Water Quality Certification (Upland 401).

2 OVERALL PROJECT DESCRIPTION

The Project is an expansion of Transco's existing natural gas transmission system that will enable Transco to provide 1,596,900 dekatherms per day (Dth/d) of incremental firm transportation capacity to remove pipeline capacity constraints between Virginia and Alabama on Transco's existing Mainline System and to meet growing natural gas-fired power generation, commercial, residential, and industrial demand in the southeast United States. Transco is proposing to collocate the proposed Project within or adjacent to the existing Transco Mainline System to the extent practicable. This collocation design will help reduce the overall operational

¹ Transco is an indirect, wholly owned subsidiary of The Williams Companies, Inc. (Williams)

footprint of the Project, minimizing new disturbances to the extent practicable. The Project will consist of the following components:

Pipeline Facilities

- Approximately 31.2 miles of 42-inch-diameter pipeline in Pittsylvania County, Virginia (VA) and Rockingham County, North Carolina (NC), designated as the Eden Loop;
 - Regulator installation in Rockingham County, NC near milepost (MP) 1382.53, designated as the Eden Regulator Station;
 - Approximately 294 feet of 30-inch-diameter pipeline and ancillary valves in Rockingham County, NC, designated as the Dan River Inlet Piping; and,
- Approximately 24.1 miles of 42-inch-diameter pipeline in Guilford, Forsyth, and Davidson Counties, NC, designated as the Salem Loop.

Compression Facilities

- The addition of two (33,000 horsepower (HP) each) electric motor-driven (EMD) compressor units at Transco's existing Compressor Station 165 located in Pittsylvania County, VA. Compressor Station 165 will be limited to a total incremental output of 45,000 HP, thereby increasing the total certificated station output to 96,930 HP;
- The addition of one (23,465 International Standardization Organization (ISO) HP) Solar Titan 130 Turbine and two (31,871 ISO HP each) Solar Titan 250 Turbine driven compressor units at Transco's existing Compressor Station 155 located in Davidson County, NC. Compressor Station 155 will have a total incremental output of 87,207 HP, thereby increasing the total certificated station output to 110,709 HP;
- The addition of one (15,900 ISO HP) Solar Mars 100 Turbine driven compressor unit at Transco's existing Compressor Station 150 in Iredell County, NC. Compressor Station 150 will have a total incremental output of 15,900 HP, thereby increasing the total certificated station output to 77,830 HP; and
- The addition of three (33,000 HP each) EMD compressor units at Transco's existing Compressor Station 145 in Cleveland County, NC, to provide the incremental HP required by the Project and accommodate the abandonment (in-place) of three (12,500 HP each)

existing EMD Compressor Units. Compressor Station 145 will have a total incremental output of 61,500 HP, thereby increasing the total certificated station output to 99,000 HP.

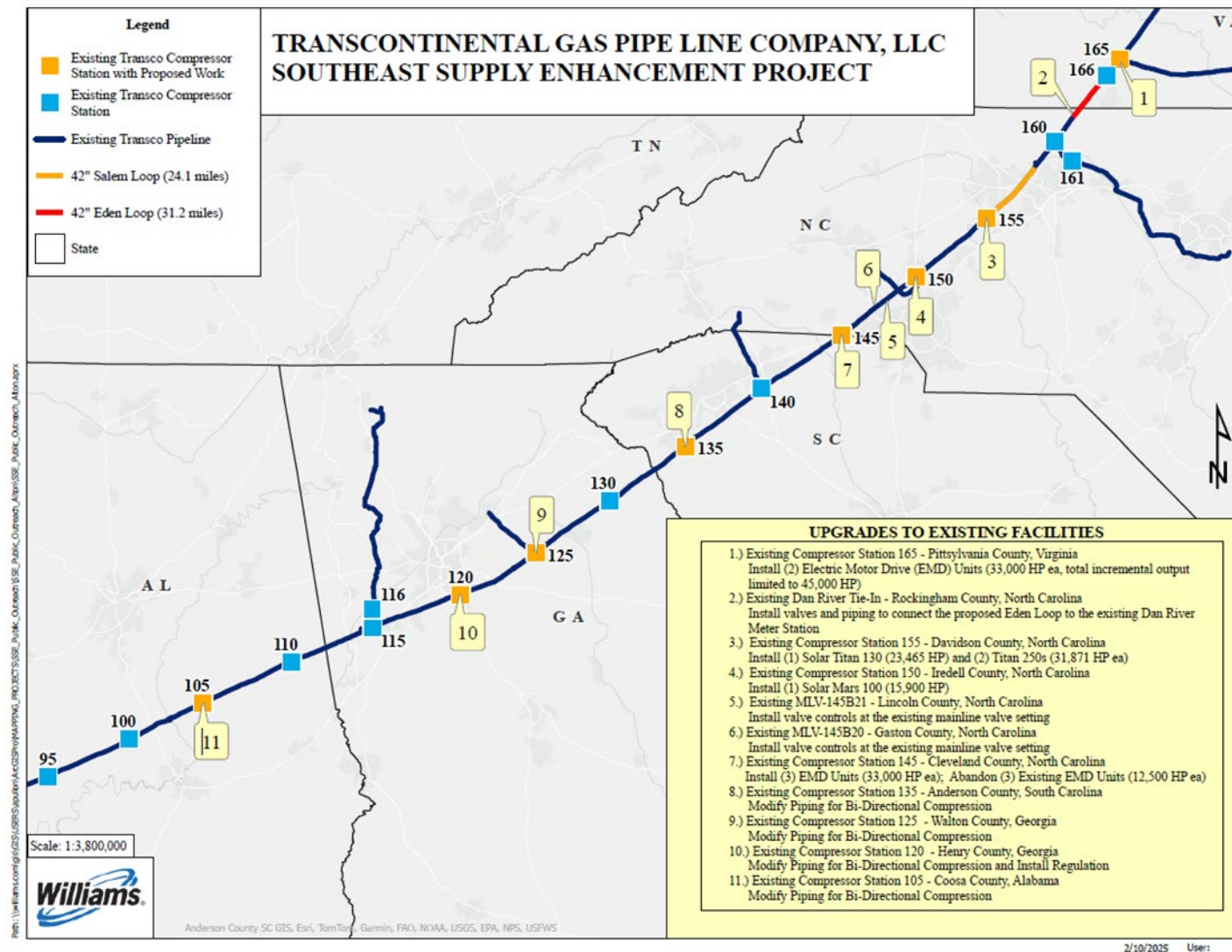
Facility Modifications

- Modifications to valve controls at existing mainline valve (MLV) setting MLV-145B21 in Lincoln County, NC
- Modifications to valve controls at existing MLV setting MLV-145B20 in Gaston County, NC;
- Piping modifications at Transco's existing Compressor Station 135 in Anderson County, South Carolina (SC) to make the station bi-directional;
- Piping modifications at Transco's existing Compressor Station 125 in Walton County, Georgia (GA) to make the station bi-directional;
- Regulator installation and piping modifications at Transco's existing Compressor Station 120 in Henry County, GA to make the station bi-directional; and
- Piping modifications at Transco's existing Compressor Station 105 in Coosa County, Alabama (AL) to make the station bi-directional.

The use of existing, improved, and new access roads, and contractor yards will also be required for the Project. Additional ancillary facilities and piping, such as MLVs, cathodic protection, communication facilities, and internal inspection devices (e.g., pig launchers and receivers) will be necessary to support the Project.

A website has been developed for the Project at <https://www.williams.com/expansion-project/southeast-supply-enhancement/> and the Project components are depicted in Figure 1, below.

Figure 1: Southeast Supply Enhancement Project Overall Map



On October 29, 2024, Transco filed a request for authorization from the Federal Energy Regulatory Commission (FERC) under Sections 7(b) and 7(c) of the Natural Gas Act for appropriate abandonment and a Certificate of Public Convenience and Necessity (Certificate) to construct, own, operate, and maintain the proposed Project facilities (Docket No. CP25-10).

On March 13, 2024, Transco began holding pre-application meetings with the USACE and the state agencies regarding the Project. Informal meetings continued thereafter. On February 14, 2025, Transco requested a pre-filing meeting for the 401 WQC and Upland 401 with VA DEQ, which was held on February 20, 2025. On February 14, 2025, Transco requested a 401 WQC pre-filing meeting with NC DEQ which was held on February 26, 2025.

Subject to FERC's certification of the Project and receipt of other necessary permits and authorizations, Transco anticipates that construction of the Project would commence in March 2026 to meet a proposed partial in-service date for the pipeline components in December 2026 with a full project proposed in-service date of November 1, 2027.

Transco understands the USACE will evaluate this application under the Executive Order 14156 Energy Emergency. However, based on the above Project timeline, Transco requests that, where practical, the application be processed under standard permitting procedures. Transco requests the USACE use the full 30-day public notice to ensure the opportunity for public participation. Additionally, to the extent the USACE determines that a public hearing would be appropriate, Transco believes given the Project timeline, such a hearing could be held in the normal course of the USACE's review.

A breakdown of the application's Project components by District is outlined in Table 1, below:

Table 1: Project Components by District

Component	Wilmington District	Norfolk District	Total
Eden Loop Pipeline	4.4 miles	26.8 miles	31.2 miles
Salem Loop Pipeline	24.1 miles	N/A	24.1 miles
Compressor Stations	3 (CS 155, CS 150, CS 145)	1 (CS 165)	4

Table 2, below, outlines the proposed impacts to jurisdictional wetlands and streams. These impacts are further detailed within each Permit Application.

Table 2: Overall WOTUS Impact Summary Table

Proposed Project/Impacts	Wilmington District	Norfolk District	Overall Total
Stream - temporary impacts	11,652 LF ¹	5,971 LF ²	17,623 LF
Stream – permanent impacts	0	0	0
Wetland - temporary	<i>11.19 acres^a</i>	<i>10.62 acres^a</i>	<i>21.81 acres^a</i>
Wetland - conversion	<i>1.29 acres^a</i>	1.13 acre	<i>2.42 acres^a</i>
Wetland – permanent	0	0	0

¹HUCs include the Deep, Haw, Lower Yadkin, Upper Yadkin, and Upper Dan

²HUCs include Dan River/Cascade Creek, Sandy River, Sandy Creek (West), Upper Banister River, Cherrystone Creek, Middle Banister River/Elkhorn Creek

^a***Bold and italics indicate updates on 6/20/2025.***

LIST OF ATTACHMENTS

Attachment 1 – Wilmington District Permit Application and NC DEQ Permit Application

Attachment 2 – Norfolk District Joint Permit Application