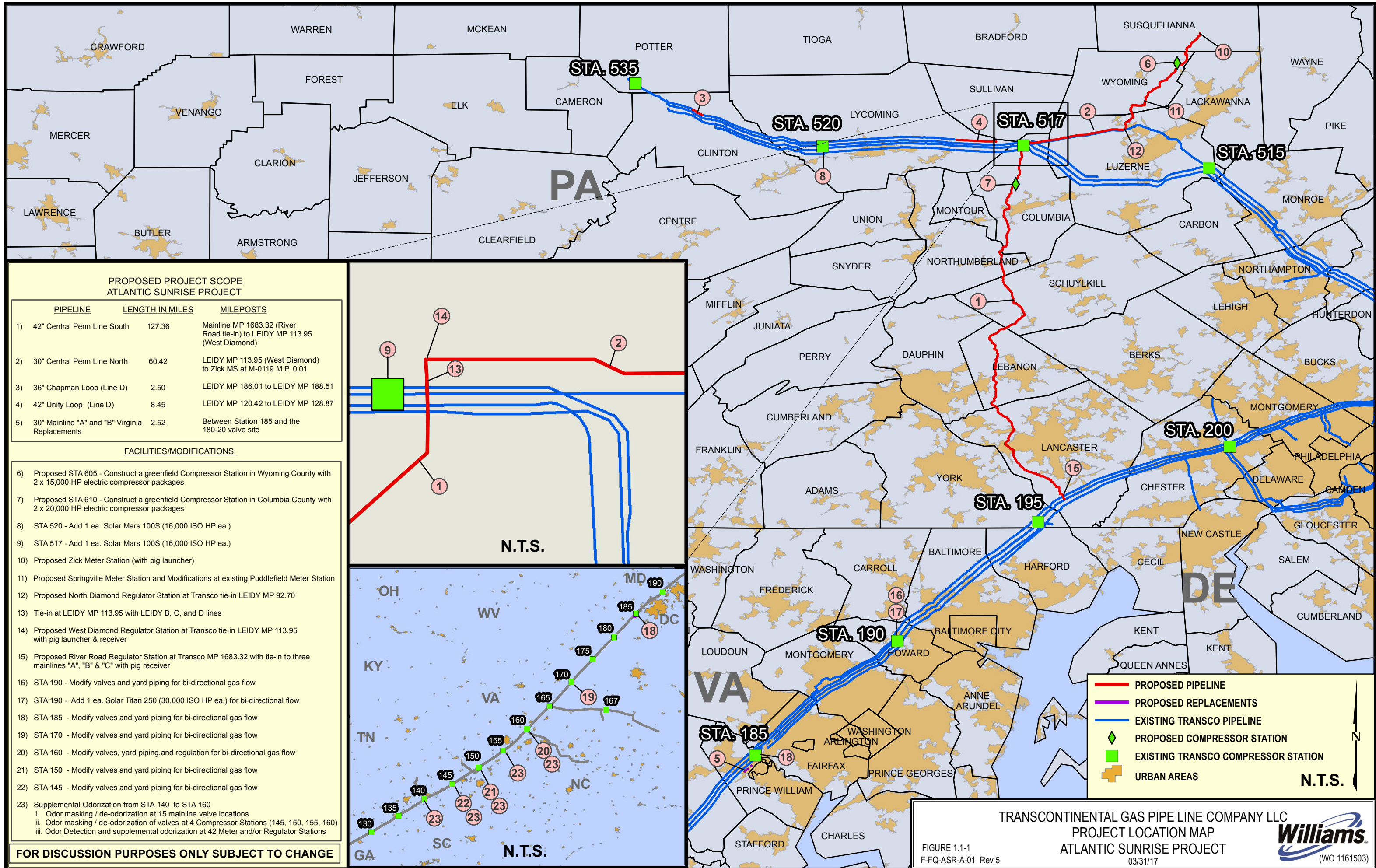


*Atlantic Sunrise Project – PA DEP Chapter 105 Joint Permit Application
Transcontinental Gas Pipe Line Company, LLC
Northumberland County*

**ATTACHMENT I-1
ATLANTIC SUNRISE PROJECT LOCATION MAP**

Revised April 2017



**PROPOSED PROJECT SCOPE
ATLANTIC SUNRISE PROJECT**

PIPELINE	LENGTH IN MILES	MILEPOSTS
1) 42" Central Penn Line South	127.36	Mainline MP 1683.32 (River Road tie-in) to LEIDY MP 113.95 (West Diamond)
2) 30" Central Penn Line North	60.42	LEIDY MP 113.95 (West Diamond) to Zick MS at M-0119 M.P. 0.01
3) 36" Chapman Loop (Line D)	2.50	LEIDY MP 186.01 to LEIDY MP 188.51
4) 42" Unity Loop (Line D)	8.45	LEIDY MP 120.42 to LEIDY MP 128.87
5) 30" Mainline "A" and "B" Virginia Replacements	2.52	Between Station 185 and the 180-20 valve site

FACILITIES/MODIFICATIONS

- 6) Proposed STA 605 - Construct a greenfield Compressor Station in Wyoming County with 2 x 15,000 HP electric compressor packages
- 7) Proposed STA 610 - Construct a greenfield Compressor Station in Columbia County with 2 x 20,000 HP electric compressor packages
- 8) STA 520 - Add 1 ea. Solar Mars 100S (16,000 ISO HP ea.)
- 9) STA 517 - Add 1 ea. Solar Mars 100S (16,000 ISO HP ea.)
- 10) Proposed Zick Meter Station (with pig launcher)
- 11) Proposed Springville Meter Station and Modifications at existing Puddlefield Meter Station
- 12) Proposed North Diamond Regulator Station at Transco tie-in LEIDY MP 92.70
- 13) Tie-in at LEIDY MP 113.95 with LEIDY B, C, and D lines
- 14) Proposed West Diamond Regulator Station at Transco tie-in LEIDY MP 113.95 with pig launcher & receiver
- 15) Proposed River Road Regulator Station at Transco MP 1683.32 with tie-in to three mainlines "A", "B" & "C" with pig receiver
- 16) STA 190 - Modify valves and yard piping for bi-directional gas flow
- 17) STA 190 - Add 1 ea. Solar Titan 250 (30,000 ISO HP ea.) for bi-directional flow
- 18) STA 185 - Modify valves and yard piping for bi-directional gas flow
- 19) STA 170 - Modify valves and yard piping for bi-directional gas flow
- 20) STA 160 - Modify valves, yard piping, and regulation for bi-directional gas flow
- 21) STA 150 - Modify valves and yard piping for bi-directional gas flow
- 22) STA 145 - Modify valves and yard piping for bi-directional gas flow
- 23) Supplemental Odorization from STA 140 to STA 160
 - i. Odor masking / de-odorization at 15 mainline valve locations
 - ii. Odor masking / de-odorization of valves at 4 Compressor Stations (145, 150, 155, 160)
 - iii. Odor Detection and supplemental odorization at 42 Meter and/or Regulator Stations

FOR DISCUSSION PURPOSES ONLY SUBJECT TO CHANGE

LEGEND

- PROPOSED PIPELINE
- PROPOSED REPLACEMENTS
- EXISTING TRANSCO PIPELINE
- ◆ PROPOSED COMPRESSOR STATION
- EXISTING TRANSCO COMPRESSOR STATION
- URBAN AREAS

N.T.S.