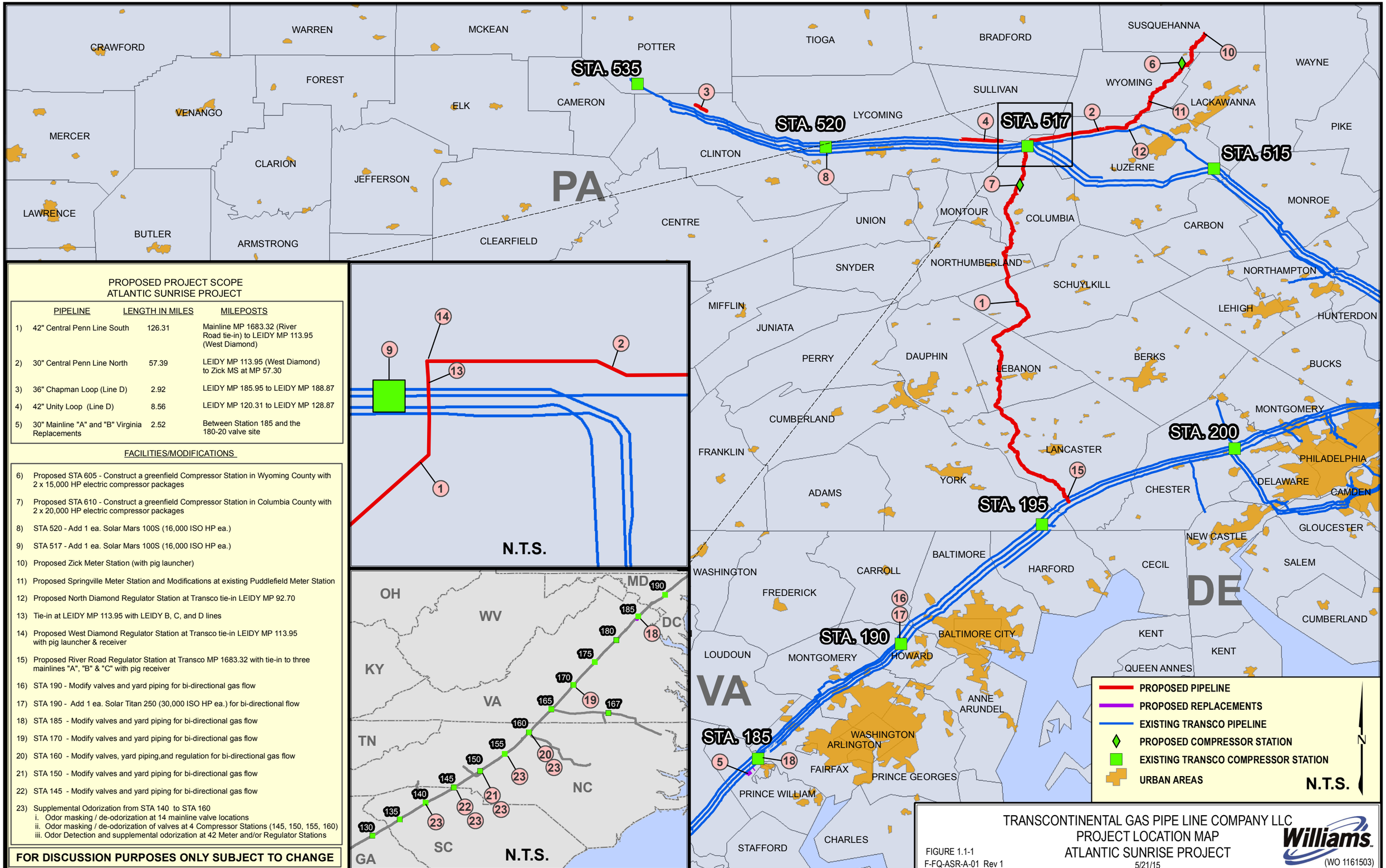


PROPOSED PROJECT SCOPE
ATLANTIC SUNRISE PROJECT

| | PIPELINE | LENGTH IN MILES | MILEPOSTS |
|---|---|---|---|
| 1) | 42" Central Penn Line South | 126.31 | Mainline MP 1683.32 (River Road tie-in) to LEIDY MP 113.95 (West Diamond) |
| 2) | 30" Central Penn Line North | 57.39 | LEIDY MP 113.95 (West Diamond) to Zick MS at MP 57.30 |
| 3) | 36" Chapman Loop (Line D) | 2.92 | LEIDY MP 185.95 to LEIDY MP 188.87 |
| 4) | 42" Unity Loop (Line D) | 8.56 | LEIDY MP 120.31 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 14 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**

TRANSCONTINENTAL GAS PIPE LINE COMPANY LLC
PROJECT LOCATION MAP
ATLANTIC SUNRISE PROJECT

FIGURE 1.1-1
F-FQ-ASR-A-01 Rev 1
5/21/15

Williams
(WO 1161503)