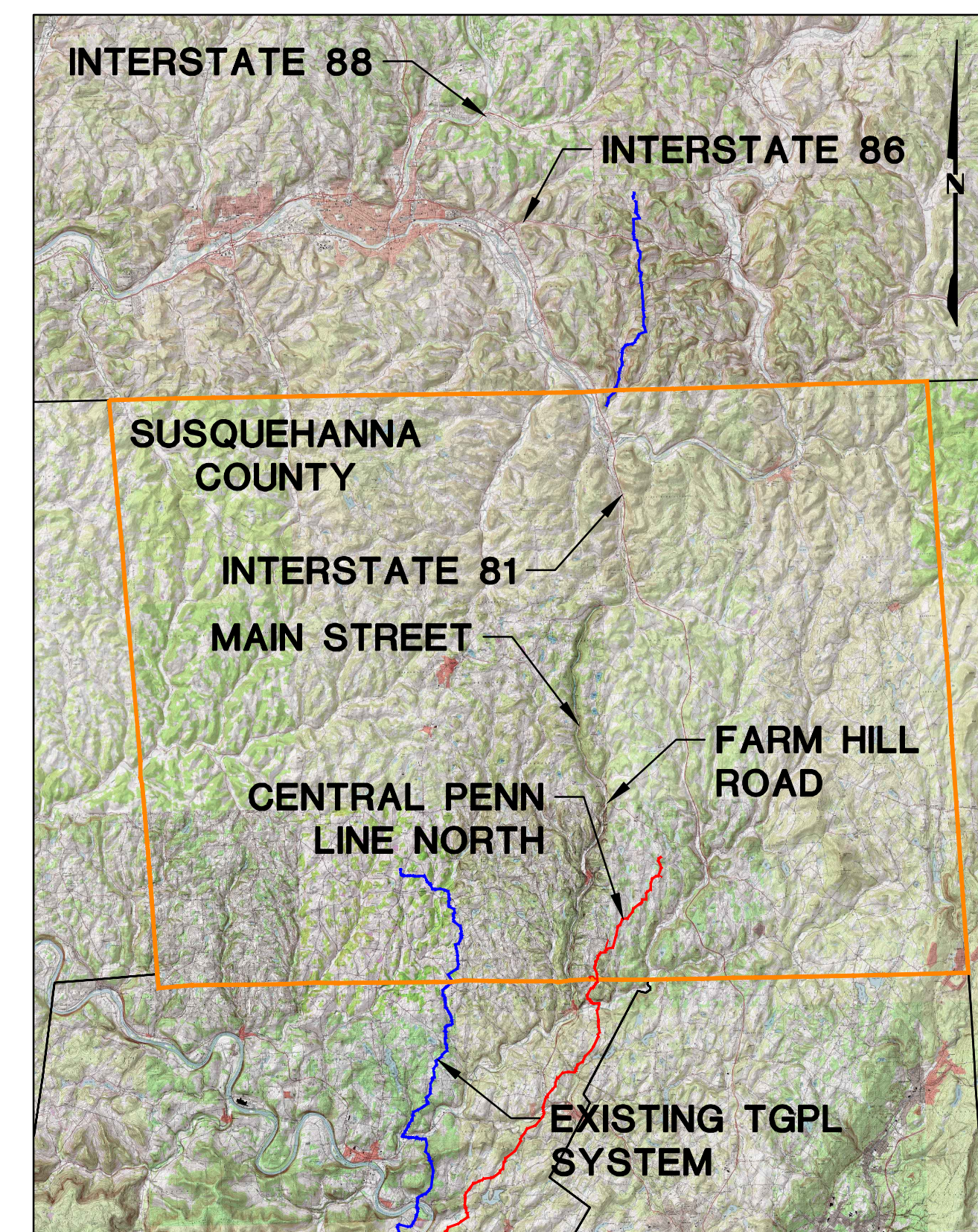


# TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC EROSION & SEDIMENT CONTROL AND LAYOUT PLANS FOR ACCESS ROADS ATLANTIC SUNRISE PROJECT PROPOSED 30" CENTRAL PENN LINE NORTH

LENOX TOWNSHIP  
SUSQUEHANNA COUNTY, PENNSYLVANIA

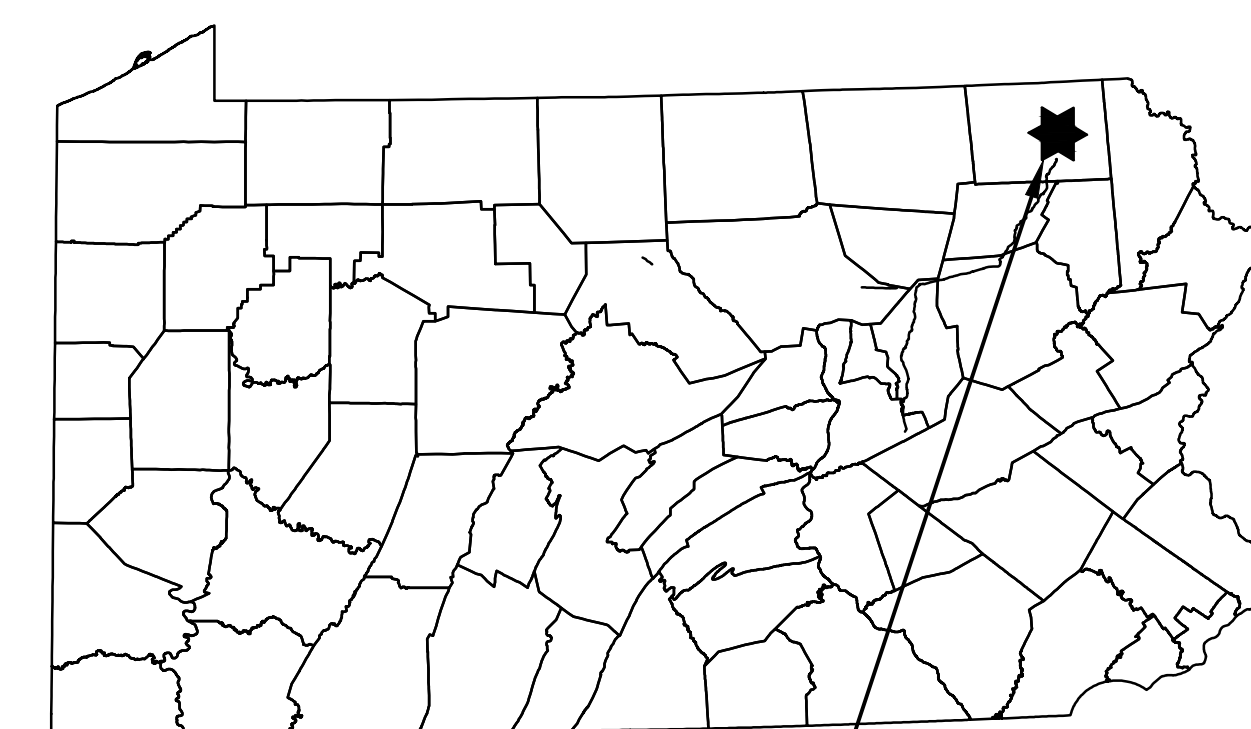


USGS YOUNG WOMAN'S CREEK AND LENOXVILLE QUADRANGLE  
**VICINITY MAP**  
SCALE: 1"=3,000'

ROAD NAME & TYPE	DRAWING NO.	SHEET NO.	DRAWING NAME
GENERAL OVERALL	24-1601-70-28-A/1683_3-AR-SU	1 of 3	COVER SHEET <span style="color: red;">REVISED</span>
		2 of 3	LOCATION MAP & ACCESS ROAD INDEX
		3 of 3	TYPICAL SECTIONS AND NOTES
AR-SU-041 Proposed Permanent	24-1601-70-28-A/1683_3-AR-SU-041	1 of 5	ACCESS ROADS - ROADWAY LAYOUT AND PROFILE
		2 of 5	ACCESS ROADS - ROADWAY LAYOUT AND PROFILE
		3 of 5	ACCESS ROADS - ROADWAY LAYOUT AND PROFILE
		4 of 5	ACCESS ROADS - SOIL EROSION CONTROL <span style="color: red;">REVISED</span>
		5 of 5	ACCESS ROADS - SITE RESTORATION PLAN
AR-SU-044 Proposed Temporary	24-1601-70-28-A/1683_3-AR-SU-044	1 of 5	ACCESS ROADS - ROADWAY LAYOUT AND PROFILE
		2 of 5	ACCESS ROADS - ROADWAY LAYOUT AND PROFILE
		3 of 5	ACCESS ROADS - ROADWAY LAYOUT AND PROFILE
		4 of 5	ACCESS ROADS - SOIL EROSION CONTROL PLAN
		5 of 5	ACCESS ROADS - SITE RESTORATION PLAN
AR-SU-045 Proposed Temporary	24-1601-70-28-A/1683_3-AR-SU-045	1 of 3	ACCESS ROADS - ROADWAY LAYOUT AND PROFILE
		2 of 3	ACCESS ROADS - SOIL EROSION CONTROL PLAN
		3 of 3	ACCESS ROADS - SITE RESTORATION PLAN
AR-SU-046 Proposed Permanent	24-1601-70-28-A/1683_3-AR-SU-046	1 of 3	ACCESS ROADS - ROADWAY LAYOUT AND PROFILE
		2 of 3	ACCESS ROADS - SOIL EROSION CONTROL PLAN
		3 of 3	ACCESS ROADS - SITE RESTORATION PLAN

MAP UNIT NAME	MAP UNIT DESIGNATION	CUTBANKS CAVE	CORROSIVE TO CONCRETE/STEEL	DROUGHTY	EASILY ERODIBLE	FLOODING	DEPTH TO SATURATED ZONE/SEASONAL HIGH WATER TABLE	HYDRIC/HYRIC INCLUSIONS	LOW STRENGTH/LANDSLIDE PRONE	SLOW PERCOLATION	PIPING	POOR SOURCE OF TOPSOIL	FROST ACTION	SHRINK - SWELL	POTENTIAL SINKHOLE	PONDING	WETNESS
Hw	HOLLY SILT LOAM, 0 TO 3 PERCENT SLOPES	X	C/S			X	X	X	X	X	X	X	X				X
Lk2	LORDSTOWN AND OQUAGA CHANNERY SILT LOAMS, 3 TO 12 PERCENT SLOPES, MODERATELY ERODED	X	C	X	X			X	X	X	X	X	X				X
LoB	LORDSTOWN AND OQUAGA FLAGGY SILT LOAMS, 3 TO 12 PERCENT SLOPES	X	C	X	X			X	X	X	X	X	X				X
LoB	LORDSTOWN AND OQUAGA FLAGGY SILT LOAMS, 3 TO 12 PERCENT SLOPES	X	C	X	X			X	X	X	X	X	X				X
LoB	LORDSTOWN AND OQUAGA VERY STONY SILT LOAMS, 0 TO 12 PERCENT SLOPES	X	C	X	X			X	X	X	X	X	X				X
LoD	LORDSTOWN AND OQUAGA VERY STONY SILT LOAMS, 12 TO 30 PERCENT SLOPES	X	C	X	X			X	X	X	X	X	X				X
LoD	LORDSTOWN AND OQUAGA VERY STONY SILT LOAMS, 12 TO 30 PERCENT SLOPES	X	C	X	X			X	X	X	X	X	X				X
LoF	LORDSTOWN AND OQUAGA VERY STONY SILT LOAMS, 30 TO 70 PERCENT SLOPES	X	C	X	X			X	X	X	X	X	X				X
McB2	MARDIN CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES, ERODED	X	S	X	X		X	X	X	X	X	X	X				X
MgB	MARDIN CHANNERY SILT LOAM, 0 TO 8 PERCENT SLOPES	X	S	X	X		X	X	X	X	X	X	X				X
MgD	MARDIN CHANNERY SILT LOAM, 8 TO 25 PERCENT SLOPES	X	S	X	X		X	X	X	X	X	X	X				X
MoB2	MORRIS CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES, ERODED	X	C/S	X	X		X	X	X	X	X	X	X				X
MrD2	MORRIS FLAGGY SILT LOAM, 15 TO 25 PERCENT SLOPES, ERODED	X	C/S	X	X		X	X	X	X	X	X	X				X
NcB	NORWICH AND CHIPPEWA SOILS, 3 TO 8 PERCENT SLOPES	X	C/S	X	X		X	X	X	X	X	X	X				X
VcB2	VOLUSIA CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES, ERODED	X	C/S	X	X		X	X	X	X	X	X	X				X
VcC2	VOLUSIA CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES, ERODED	X	C/S	X	X		X	X	X	X	X	X	X				X
VsB	VOLUSIA CHANNERY SILT LOAM, 0 TO 8 PERCENT SLOPES, EXTREMELY STONY	X	C/S	X	X		X	X	X	X	X	X	X				X
WeB2	WELLSBORO CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	X	C/S	X	X		X	X	X	X	X	X	X				X
WeC2	WELLSBORO CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES, ERODED	X	C/S	X	X		X	X	X	X	X	X	X				X
WIC2	WELLSBORO FLAGGY SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	X	C/S	X	X		X	X	X	X	X	X	X				X

LEGEND  
 X APPLIES TO SOIL  
 S CORROSIVE TO STEEL  
 C CORROSIVE TO CONCRETE  
 C/S CORROSIVE TO STEEL AND CONCRETE



PROJECT LOCATION

ABBREVIATIONS		
AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS	INV INVERT
ABACT	ANTIDEGRADATION BEST AVAILABLE COMBINATION OF TECHNOLOGIES	L LENGTH, LEFT
APPROX.	APPROXIMATE	LOD LIMIT OF DISTURBANCE
AR	ACCESS ROAD	MF MIGRATORY FISHES
AC.	ACRE/ACRES	MLV MAIN LINE VALVE
BMP	BEST MANAGEMENT PRACTICES	N/A NOT APPLICABLE
CWF	COLDWATER FISHES	PADEP PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION
D	DEPTH	PR PROPOSED
D.I.P.	DUCTILE IRON PIPE	R RIGHT
E&S	EROSION AND SEDIMENT CONTROL	RCP REINFORCED CONCRETE PIPE
ESCGP-2	EROSION AND SEDIMENT CONTROL GENERAL PERMIT - 2	STA STATION
EV	EXCEPTIONAL VALUE	TGPL TRANSCONTINENTAL GAS PIPE LINE
EX	EXISTING	TSF TROUT STOCKED FISHERY
GTD	GRADE TO DRAIN	TYP. TYPICAL
H	HORIZONTAL	UNK UNKNOWN
HQ	HIGH QUALITY	UNT UNNAMED TRIBUTARY
		V VERTICAL
		W WIDTH
		WWF WARMWATER FISHES

**ENGINEER OF RECORD**  
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 CAMP HILL, PA 17011  
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REVISIONS			
NO.	DATE	BY	DESCRIPTION
0	08/26/2015	BL	ISSUED FOR PADEP SUBMITTAL
1	12/02/2015	BL	ISSUED FOR PADEP RESUBMITTAL
2	02/04/2016	BL	ISSUED FOR PADEP RESUBMITTAL
3	OCT. 2016	BL	PADEP TECHNICAL DEFICIENCY RESPONSE #1
4	APRIL 2017	BL	PADEP TECHNICAL DEFICIENCY RESPONSE #2
5	AUG. 2017	BL	PADEP TECHNICAL DEFICIENCY RESPONSE #3

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC			
ATLANTIC SUNRISE PROJECT - PROPOSED 30" CENTRAL PENN LINE NORTH			
ACCESS ROADS SUSQUEHANNA COUNTY, PENNSYLVANIA			
COVER SHEET			
DRAWN BY:	OLC	DATE:	3/2015
CHECKED BY:	DAK	DATE:	06/09/15
APPROVED BY:	SMK	DATE:	07/07/15
W.O. NO.	W01161481	ISSUED FOR CONSTRUCTION:	REVISION:
		NUMBER:	5
		DRAWING NUMBER:	SHEET 1
			OF 3



PENNSYLVANIA ACT 287 (1974) AS AMENDED BY PENNSYLVANIA ACT 199 (2004) REQUIRES NO LESS THAN THREE (3) WORKING DAYS AND NO MORE THAN (10) WORKING DAYS NOTICE TO UTILITIES BEFORE YOU EXCAVATE, DRILL, BLAST OR DEMOLISH.