

OWNERSHIP & TRACT NUMBER

PROFILE (MIN. PIPE DEPTH)

COVER TYPE

RECEIVING WATERS

SSE31-VA-PI-0024

N/A

OPEN LANDFORESTWETLANDFORESTWETLANDFORESTWETLANDFOREST

TROTTERS CREEK-DAN RIVER

PRE-CONSTRUCTION LAND COVER PLAN

SOIL TYPE

17B23C3B

1.6	4.4	-5.0	-7.6	-5.8	-6.3	-4.9	-5.6	-3.0	-3.1	-2.4	-5.1	-2.2	-1.5	-0.3	0.1	-0.1	2.0	1.4	-0.2	-1.5	-0.7	2.1
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POST-CONSTRUCTION LAND COVER PLAN

LEGEND

PROPERTY LINE

LIMITS OF DISTURBANCE

EXISTING FENCE

EXISTING STRUCTURE

EXISTING EDGE OF ROAD

EXISTING GRADE MAJOR CONTOURS (10' C.I.)

EXISTING GRADE MINOR CONTOURS (2' C.I.)

ENVIRONMENTAL SURVEY CORRIDOR

DELINEATED WETLAND

STREAM FLOW DIRECTION

FEMA FLOODWAY

FEMA 100-YEAR FLOODPLAIN

EXISTING TREELINE/TREE/SHRUB

EXISTING TGPL PIPELINES

EXISTING GUIDELINE

EXISTING CULVERT

EXISTING WATERBAR

EXISTING ELECTRIC LINE

EXISTING UNDERGROUND ELECTRIC LINE

EXISTING GAS LINE

EXISTING WATER LINE

EXISTING SANITARY SEWER

EXISTING STORM SEWER

EXISTING TELEPHONE LINE

EXISTING FIBER OPTIC LINE

EXISTING UNDERGROUND CABLE LINE

EXISTING STORM INLET

EXISTING SANITARY MANHOLE

EXISTING COMMUNICATION/ELECTRIC MANHOLE

EXISTING FIRE HYDRANT

EXISTING UTILITY POLE

FINAL GRADE MAJOR CONTOURS (10' C.I.)

FINAL GRADE MINOR CONTOURS (2' C.I.)

PROPOSED PIPELINE

PERMANENT RIGHT-OF-WAY

PERMANENT WATERBAR

MONITORING WELL

GROUND TESTING VALVE

PRIVATE WATER WELL

PREF-CONSTRUCTION LAND USE LEGEND

AGRICULTURAL

BRUSH

FOREST

LAWN

MEADOW

IMPERVIOUS

POST-CONSTRUCTION LAND USE LEGEND

AGRICULTURAL

BRUSH

FOREST TO BRUSH/FOREST MIX CONVERSION

LAWN

MEADOW

IMPERVIOUS

FOREST TO MEADOW CONVERSION

BRUSH TO MEADOW CONVERSION

FOREST TO BRUSH CONVERSION

BRUSH SEED MIX WITH TREE SEEDINGS

SOILS LEGEND

3B DELANCO FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES

17B YADKIN LOAM, 2 TO 7 PERCENT SLOPES

23C CLOVER FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES

SCALE 1" = 100'

100 50 0 50 100

R. CRAIG MURPHY, P.E.

COMMONWEALTH OF VIRGINIA

RICHARD C. MURPHY

Lic. No. 041898

09/09/25

PROFESSIONAL ENGINEER

REVISIONS				W.O. NO.	CHK.	APP.
NO.	DATE	BY	DESCRIPTION			

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

SOUTHEAST SUPPLY ENHANCEMENT PROJECT

EDEN LOOP

POST CONSTRUCTION STORMWATER MANAGEMENT / WATER QUANTITY LAND COVER

SITE PLAN

PITTSYLVANIA COUNTY, VIRGINIA

DRAWN BY: CMK DATE: 5-30-25 ISSUED FOR BID: SCALE: AS NOTED

CHECKED BY: JML DATE: 5-30-25 ISSUED FOR CONSTRUCTION: REVISION:

APPROVED BY: RCM DATE: 5-30-25

WO: C1009554 RID: 500 DRAWING NUMBER: VA-EDEN-SMQUAN-050

SHEET 50 OF 66

OWNERSHIP & TRACT NUMBER

PROFILE (MIN. PIPE DEPTH)

COVER TYPE

RECEIVING WATERS

N/A

OPEN LAND
FOREST
OPEN LAND
COMMERCIAL/INDUSTRIAL
FOREST
FOREST
OPEN LAND
OPEN LAND

TROTTERS CREEK-DAN RIVER

PRE-CONSTRUCTION LAND COVER PLAN

SOIL TYPE

34B

17B

18C3

17B

23D

18C3

3B

AVERAGE % SLOPE

4.2

5.2

1.5

-1.6

-3.0

-5.5

-5.3

0.6

-2.0

-1.2

-1.2

-1.8

-4.9

-8.7

-11.1

-5.5

-1.3

-4.1

-3.0

-2.0

-3.5

-1.8

-4.0

-10.3

-3.7

POST-CONSTRUCTION LAND COVER PLAN

LEGEND

PRE-CONSTRUCTION LAND USE LEGEND

SOILS LEGEND

POST-CONSTRUCTION LAND USE LEGEND

LEGEND

REVISIONS

NO.	DATE	BY	DESCRIPTION	W.O. NO.	CHK.	APP.

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

SOUTHEAST SUPPLY ENHANCEMENT PROJECT

EDEN LOOP

POST CONSTRUCTION STORMWATER MANAGEMENT / WATER QUANTITY LAND COVER

SITE PLAN

PITTSYLVANIA COUNTY, VIRGINIA

DRWN BY: CMK DATE: 5-30-25 ISSUED FOR BID: SCALE: AS NOTED

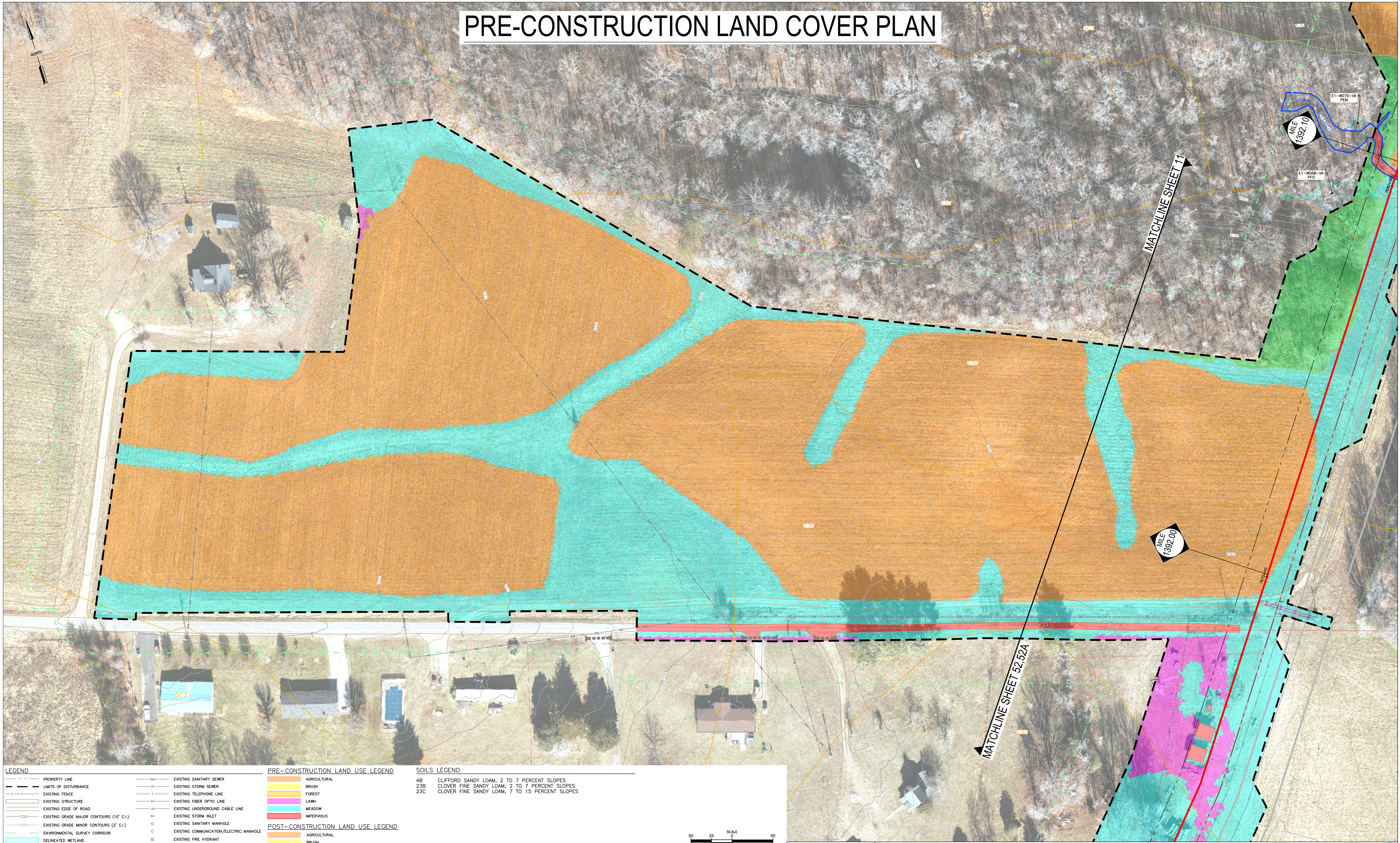
CHKD BY: JML DATE: 5-30-25 ISSUED FOR CONSTRUCTION: REVISION:

APPROVED BY: RCM DATE: 5-30-25

WO: C1009554 RID: 500 DRAWING NUMBER: VA-EDEN-SMQUAN-051

SHEET 51 OF 66

PRE-CONSTRUCTION LAND COVER PLAN

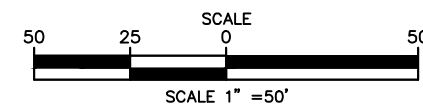


- LEGEND**
- PROPERTY LINE
 - LIMITS OF DISTURBANCE
 - EXISTING FENCE
 - EXISTING STRUCTURE
 - EXISTING EDGE OF ROAD
 - EXISTING GRADE MAJOR CONTOURS (10' C.I.)
 - EXISTING GRADE MINOR CONTOURS (2' C.I.)
 - ENVIRONMENTAL SURVEY CORRIDOR
 - DELINEATED WETLAND
 - DELINEATED STREAM
 - STREAM FLOW DIRECTION
 - FEMA FLOODWAY
 - FEMA 100-YEAR FLOODPLAIN
 - EXISTING TREELINE/TREE/SHRUB
 - EXISTING TGPL PIPELINES
 - EXISTING GUIDERAIL
 - EXISTING CULVERT
 - EXISTING WATERBAR
 - EXISTING ELECTRIC LINE
 - EXISTING UNDERGROUND ELECTRIC LINE
 - EXISTING GAS LINE
 - EXISTING WATER LINE

- EXISTING SANITARY SEWER
- EXISTING STORM SEWER
- EXISTING TELEPHONE LINE
- EXISTING FIBER OPTIC LINE
- EXISTING UNDERGROUND CABLE LINE
- EXISTING STORM INLET
- EXISTING SANITARY MANHOLE
- EXISTING COMMUNICATION/ELECTRIC MANHOLE
- EXISTING FIRE HYDRANT
- EXISTING UTILITY POLE
- FINAL GRADE MAJOR CONTOURS (10' C.I.)
- FINAL GRADE MINOR CONTOURS (2' C.I.)
- PROPOSED PIPELINE
- PERMANENT RIGHT-OF-WAY
- PERMANENT WATERBAR
- MONITORING WELL
- GROUND TESTING VALVE
- PRIVATE WATER WELL

- PRE-CONSTRUCTION LAND USE LEGEND**
- AGRICULTURAL
 - BRUSH
 - FOREST
 - LAWN
 - MEADOW
 - IMPERVIOUS
- POST-CONSTRUCTION LAND USE LEGEND**
- AGRICULTURAL
 - BRUSH
 - FOREST TO BRUSH/FOREST MIX CONVERSION *
 - LAWN
 - MEADOW
 - IMPERVIOUS
 - FOREST TO MEADOW CONVERSION
 - BRUSH TO MEADOW CONVERSION
 - FOREST TO BRUSH CONVERSION
 - * BRUSH SEED MIX WITH TREE SEEDLINGS

- SOILS LEGEND**
- 4B CLIFFORD SANDY LOAM, 2 TO 7 PERCENT SLOPES
 - 23B CLOVER FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES
 - 23C CLOVER FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES



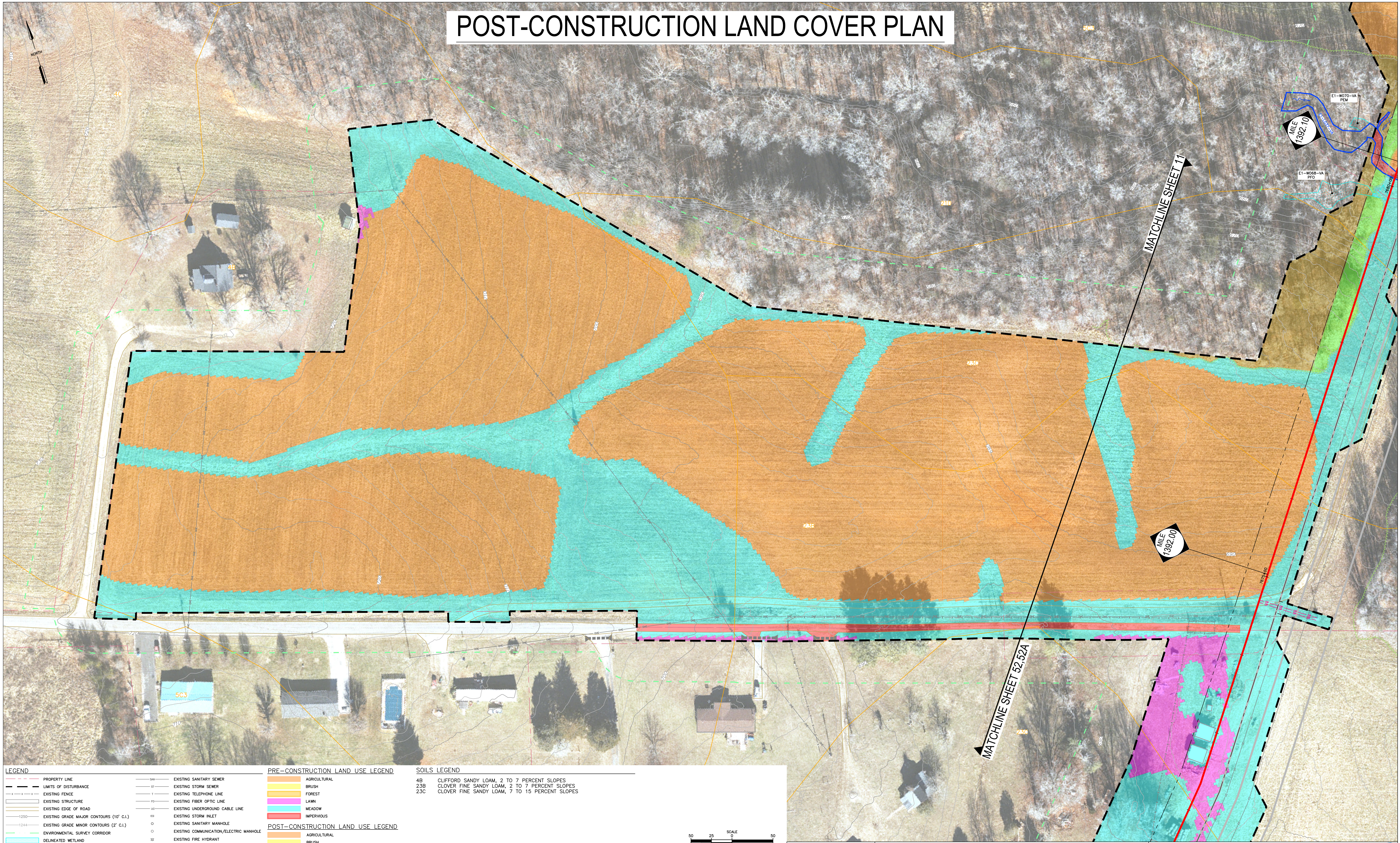
REVISIONS					W.O. NO.	CHK.	APP.
NO.	DATE	BY	DESCRIPTION				

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC
SOUTHEAST SUPPLY ENHANCEMENT PROJECT
EDEN LOOP
POST CONSTRUCTION STORMWATER MANAGEMENT / WATER QUANTITY LAND COVER

SITE PLAN
PITTSYLVANIA COUNTY, VIRGINIA

DRAWN BY: CMK	DATE: 5-30-25	ISSUED FOR BID:	SCALE: AS NOTED
CHECKED BY: JML	DATE: 5-30-25	ISSUED FOR CONSTRUCTION:	REVISION:
APPROVED BY: RCM	DATE: 5-30-25	DRAWING NUMBER: VA-EDEN-SMQUAN-052	SHEET 52 OF 66

POST-CONSTRUCTION LAND COVER PLAN



- LEGEND**
- PROPERTY LINE
 - LIMITS OF DISTURBANCE
 - EXISTING FENCE
 - EXISTING STRUCTURE
 - EXISTING EDGE OF ROAD
 - EXISTING GRADE MAJOR CONTOURS (10' C.I.)
 - EXISTING GRADE MINOR CONTOURS (2' C.I.)
 - ENVIRONMENTAL SURVEY CORRIDOR
 - DELINEATED WETLAND
 - DELINEATED STREAM
 - STREAM FLOW DIRECTION
 - FEMA FLOODWAY
 - FEMA 100-YEAR FLOODPLAIN
 - EXISTING TREELINE/TREE/SHRUB
 - EXISTING TGPL PIPELINES
 - EXISTING GUIDERAIL
 - EXISTING CULVERT
 - EXISTING WATERBAR
 - EXISTING ELECTRIC LINE
 - EXISTING UNDERGROUND ELECTRIC LINE
 - EXISTING GAS LINE
 - EXISTING WATER LINE
 - EXISTING SANITARY SEWER
 - EXISTING STORM SEWER
 - EXISTING TELEPHONE LINE
 - EXISTING FIBER OPTIC LINE
 - EXISTING UNDERGROUND CABLE LINE
 - EXISTING STORM INLET
 - EXISTING SANITARY MANHOLE
 - EXISTING COMMUNICATION/ELECTRIC MANHOLE
 - EXISTING FIRE HYDRANT
 - EXISTING UTILITY POLE
 - FINAL GRADE MAJOR CONTOURS (10' C.I.)
 - FINAL GRADE MINOR CONTOURS (2' C.I.)
 - PROPOSED PIPELINE
 - PERMANENT RIGHT-OF-WAY
 - PERMANENT WATERBAR
 - MONITORING WELL
 - GROUND TESTING VALVE
 - PRIVATE WATER WELL

- PRE-CONSTRUCTION LAND USE LEGEND**
- AGRICULTURAL
 - BRUSH
 - FOREST
 - LAWN
 - MEADOW
 - IMPERVIOUS
- POST-CONSTRUCTION LAND USE LEGEND**
- AGRICULTURAL
 - BRUSH
 - FOREST TO BRUSH/FOREST MIX CONVERSION *
 - LAWN
 - MEADOW
 - IMPERVIOUS
 - FOREST TO MEADOW CONVERSION
 - BRUSH TO MEADOW CONVERSION
 - FOREST TO BRUSH CONVERSION
 - * BRUSH SEED MIX WITH TREE SEEDLINGS

- SOILS LEGEND**
- 4B CLIFFORD SANDY LOAM, 2 TO 7 PERCENT SLOPES
 - 23B CLOVER FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES
 - 23C CLOVER FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES

50 25 0 SCALE 1" = 50'



REVISIONS					W.O. NO.	CHK.	APP.
NO.	DATE	BY	DESCRIPTION				

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC
SOUTHEAST SUPPLY ENHANCEMENT PROJECT
EDEN LOOP
POST CONSTRUCTION STORMWATER MANAGEMENT / WATER QUANTITY LAND COVER

SITE PLAN
PITTSYLVANIA COUNTY, VIRGINIA

DRAWN BY: CMK	DATE: 5-30-25	ISSUED FOR BID:	SCALE: AS NOTED
CHECKED BY: JML	DATE: 5-30-25	ISSUED FOR CONSTRUCTION:	REVISION:
APPROVED BY: RCM	DATE: 5-30-25	DRAWING NUMBER: VA-EDEN-SMQUAN-052A	SHEET 52A OF 66
WO: C1009554	RID: 500		

OWNERSHIP & TRACT NUMBER

SSE31-VA-PI-0049

PROFILE (MIN. PIPE DEPTH)

N/A

COVER TYPE

AGRICULTURAL

AGRICULTURAL

COMMERCIAL/INDUSTRIAL

AGRICULTURAL

RECEIVING WATERS

TROTTERS CREEK-DAN RIVER

PRE-CONSTRUCTION LAND COVER PLAN

SOIL TYPE	5B3	5C3	9B	23C	23B	23C					
AVERAGE % SLOPE	-7.0	-13.1	-6.0	2.6	8.3	-2.4	5.1	8.2	3.4	2.8	-2.3

POST-CONSTRUCTION LAND COVER PLAN

LEGEND

PROPERTY LINE

LIMITS OF DISTURBANCE

EXISTING FENCE

EXISTING STRUCTURE

EXISTING EDGE OF ROAD

EXISTING GRADE MAJOR CONTOURS (10' C.I.)

EXISTING GRADE MINOR CONTOURS (2' C.I.)

ENVIRONMENTAL SURVEY CORRIDOR

DELINEATED WETLAND

STREAM FLOW DIRECTION

FEMA FLOODPLAIN

FEMA 100-YEAR FLOODPLAIN

EXISTING TREELINE/TREE/SHRUB

EXISTING TGPL PIPELINES

EXISTING GUIDERAIL

EXISTING CULVERT

EXISTING WATERBAR

EXISTING ELECTRIC LINE

EXISTING UNDERGROUND ELECTRIC LINE

EXISTING GAS LINE

EXISTING WATER LINE

EXISTING SANITARY SEWER

EXISTING STORM SEWER

EXISTING TELEPHONE LINE

EXISTING FIBER OPTIC LINE

EXISTING UNDERGROUND CABLE LINE

EXISTING STORM INLET

EXISTING SANITARY MANHOLE

EXISTING COMMUNICATION/ELECTRIC MANHOLE

EXISTING FIRE HYDRANT

EXISTING UTILITY POLE

FINAL GRADE MAJOR CONTOURS (10' C.I.)

FINAL GRADE MINOR CONTOURS (2' C.I.)

PROPOSED PIPELINE

PERMANENT RIGHT-OF-WAY

PERMANENT WATERBAR

MONITORING WELL

GROUND TESTING VALVE

PRIVATE WATER WELL

AGRICULTURAL

BRUSH

FOREST

LAWN

MEADOW

IMPERVIOUS

AGRICULTURAL

BRUSH

FOREST TO BRUSH/FOREST MIX CONVERSION *

LAWN

MEADOW

IMPERVIOUS

FOREST TO MEADOW CONVERSION

BRUSH TO MEADOW CONVERSION

FOREST TO BRUSH CONVERSION

* BRUSH SEED MIX WITH TREE SEEDINGS

5B3 CLIFFORD SANDY LOAM, 2 TO 7 PERCENT SLOPES

5C3 CLIFFORD SANDY LOAM, 7 TO 15 PERCENT SLOPES

9B LACKTOWN FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES

23B CLOVER FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES

23C CLOVER FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES

SCALE 1" = 100'

R. CRAIG MURPHY, P.E.

COMMONWEALTH OF VIRGINIA

RICHARD C. MURPHY

Lic. No. 041898

09/09/25

PROFESSIONAL ENGINEER

REVISIONS			
NO.	DATE	BY	DESCRIPTION

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

SOUTHEAST SUPPLY ENHANCEMENT PROJECT

EDEN LOOP

POST CONSTRUCTION STORMWATER MANAGEMENT / WATER QUANTITY LAND COVER

SITE PLAN

PITTSYLVANIA COUNTY, VIRGINIA

DRAWN BY: CMK DATE: 5-30-25 ISSUED FOR BID: SCALE: AS NOTED

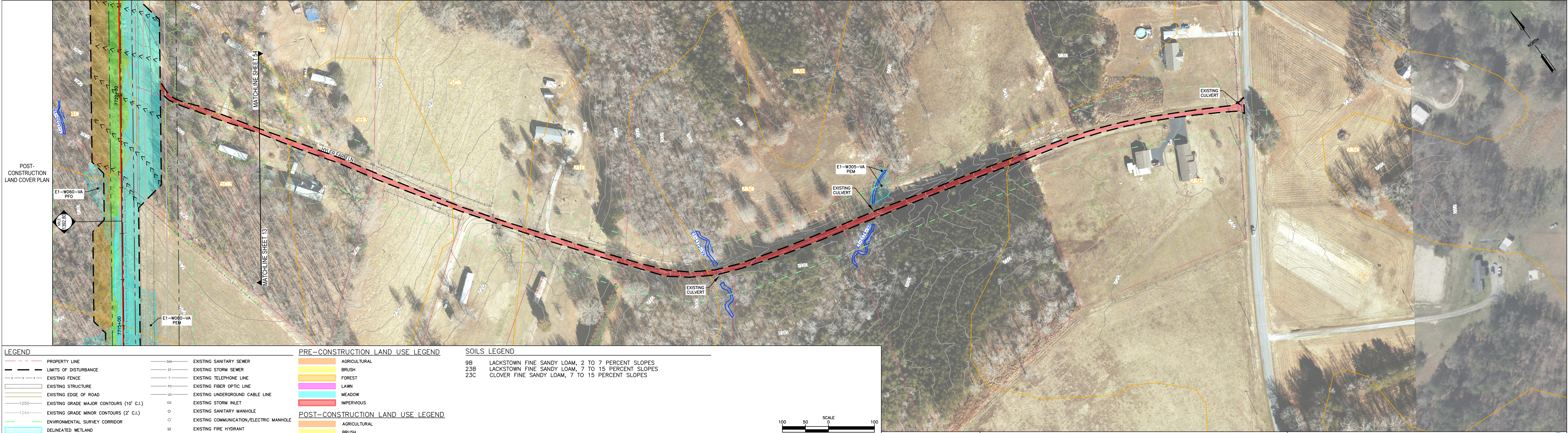
CHECKED BY: JML DATE: 5-30-25 ISSUED FOR CONSTRUCTION: REVISION:

APPROVED BY: RCM DATE: 5-30-25

WO: C1009554 RID: 500 DRAWING NUMBER: VA-EDEN-SMQUAN-053

SHEET 53 OF 66

OWNERSHIP & TRACT NUMBER	SSE31-VA-PI-0051	SSE31-VA-PI-0053		SSE31-VA-PI-0053.1	SSE31-VA-PI-0053.3		SSE31-VA-PI-0053.8		SSE31-VA-PI-0053.13		SSE31-VA-PI-0053.13		PROFILE (MIN. PIPE DEPTH)	N/A		
		SSE31-VA-PI-0052		SSE31-VA-PI-0053.2	SSE31-VA-PI-0053.4	SSE31-VA-PI-0053.5	SSE31-VA-PI-0053.6	SSE31-VA-PI-0053.7	SSE31-VA-PI-0053.9	SSE31-VA-PI-0053.10		SSE31-VA-PI-0053.12			SSE31-VA-PI-0053.12	
COVER TYPE	OPEN LAND	FOREST	RESIDENTIAL	COMMERCIAL/ INDUSTRIAL		RESIDENTIAL		COMMERCIAL/ INDUSTRIAL	OPEN WATER	COMMERCIAL/ INDUSTRIAL	OPEN WATER	COMMERCIAL/ INDUSTRIAL	RESIDENTIAL			
RECEIVING WATERS	TROTTERS CREEK-DAN RIVER															
PRE- CONSTRUCTION LAND COVER PLAN																
SOIL TYPE	4C	5C3		5B3		5C3	21D		23C				23B			
AVERAGE % SLOPE		2.5	1.5	-0.6	-3.7	7.6		NEED TOPO								




LEGEND	
	PROPERTY LINE
	LIMITS OF DISTURBANCE
	EXISTING FENCE
	EXISTING STRUCTURE
	EXISTING EDGE OF ROAD
	EXISTING GRADE MAJOR CONTOURS (10' C.I.)
	EXISTING GRADE MINOR CONTOURS (2' C.I.)
	ENVIRONMENTAL SURVEY CORRIDOR
	DELINEATED WETLAND
	DELINEATED STREAM
	STREAM FLOW DIRECTION
	FEMA FLOODWAY
	FEMA 100-YEAR FLOODPLAIN
	EXISTING TREELINE/TREE/SHRUB
	EXISTING TGPL PIPELINES
	EXISTING GUIDRAIL
	EXISTING CULVERT
	EXISTING WATERBAR
	EXISTING ELECTRIC LINE
	EXISTING UNDERGROUND ELECTRIC LINE
	EXISTING GAS LINE
	EXISTING WATER LINE
	EXISTING SANITARY SEWER
	EXISTING STORM SEWER
	EXISTING TELEPHONE LINE
	EXISTING FIBER OPTIC LINE
	EXISTING UNDERGROUND CABLE LINE
	EXISTING STORM INLET
	EXISTING SANITARY MANHOLE
	EXISTING COMMUNICATION/ELECTRIC MANHOLE
	EXISTING FIRE HYDRANT
	EXISTING UTILITY POLE
	FINAL GRADE MAJOR CONTOURS (10' C.I.)
	FINAL GRADE MINOR CONTOURS (2' C.I.)
	PROPOSED PIPELINE
	PERMANENT RIGHT-OF-WAY
	PERMANENT WATERBAR
	MONITORING WELL
	GROUND TESTING VALVE
	PRIVATE WATER WELL

PRE-CONSTRUCTION LAND USE LEGEND	
	AGRICULTURAL
	BRUSH
	FOREST
	LAWN
	MEADOW
	IMPERVIOUS
POST-CONSTRUCTION LAND USE LEGEND	
	AGRICULTURAL
	BRUSH
	FOREST TO BRUSH/FOREST MIX CONVERSION *
	LAWN
	MEADOW
	IMPERVIOUS
	FOREST TO MEADOW CONVERSION
	BRUSH TO MEADOW CONVERSION
	FOREST TO BRUSH CONVERSION
	* BRUSH SEED MIX WITH TREE SEEDLINGS

SOILS LEGEND	
9B	LACKTOWN FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES
23B	LACKTOWN FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES
23C	CLOVER FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES



REVISIONS					W.O. NO.	CHK.	APP.
NO.	DATE	BY	DESCRIPTION				

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC SOUTHEAST SUPPLY ENHANCEMENT PROJECT EDEN LOOP POST CONSTRUCTION STORMWATER MANAGEMENT / WATER QUANTITY LAND COVER					
SITE PLAN					
PITTSYLVANIA COUNTY, VIRGINIA					
DRAWN BY: CMK		DATE: 5-30-25		ISSUED FOR BID: SCALE: AS NOTED	
CHECKED BY: JML		DATE: 5-30-25		ISSUED FOR CONSTRUCTION: REVISION:	
APPROVED BY: RCM		DATE: 5-30-25		SHEET 54	
WO: C1009554		RID: 500		DRAWING NUMBER: VA-EDEN-SMQUAN-054 OF 66	

