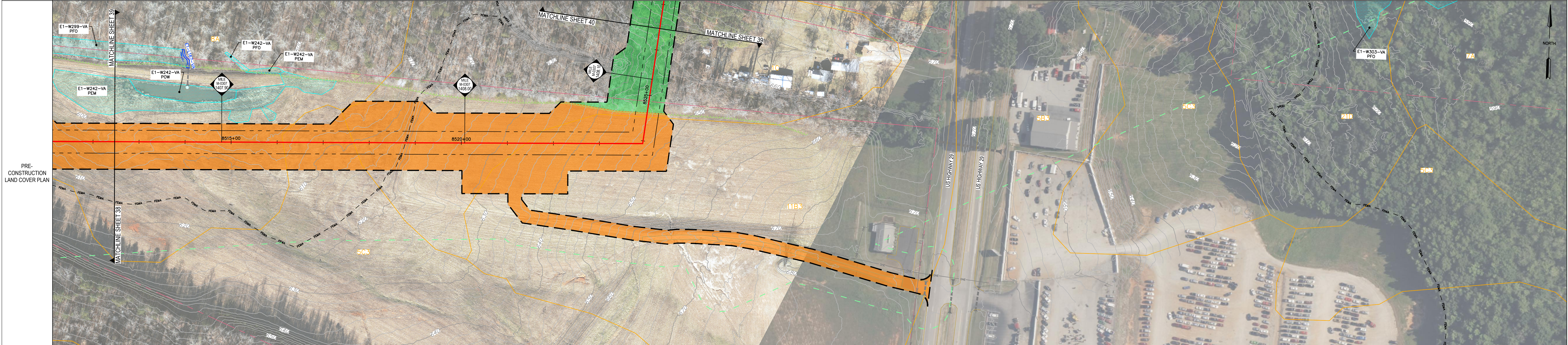
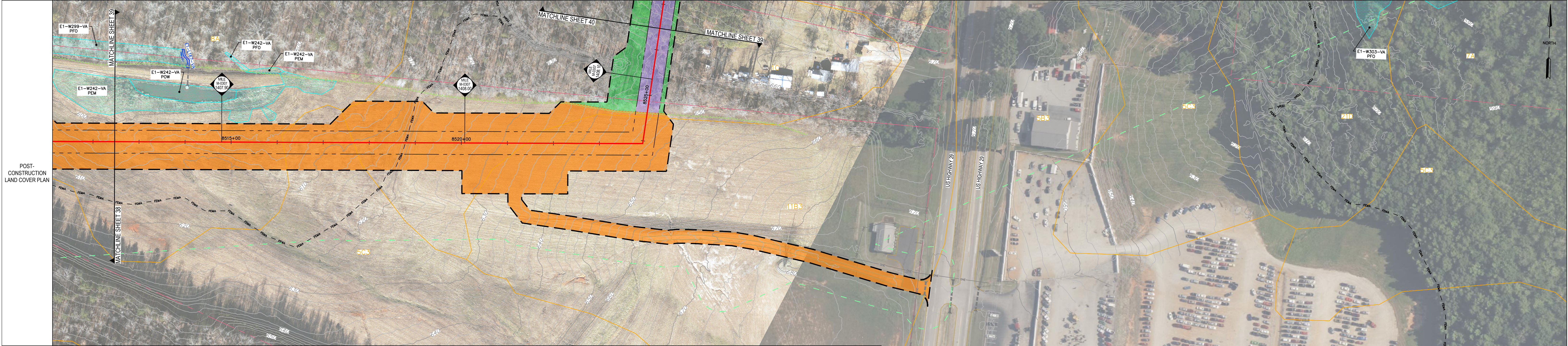


OWNERSHIP & TRACT NUMBER	SSE31-VA-PI-0231.2	SSE31-VA-PI-0231.3
PROFILE (MIN. PIPE DEPTH)	3'	4'
COVER TYPE	OPEN LAND	FOREST
RECEIVING WATERS	WHITE OAK CREEK-BANISTER RIVER	



SOIL TYPE	8A					5C3		1C				11B3			1C																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
AVERAGE % SLOPE	-4.2	3.1	-5.3	-1.3	3.1	5.2	2.1	3.2	8.6	26.8			-2.8	3.8	-3.8	2.9	-1.8	2.8	13.6	7.1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												



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
- PROPOSED PIPELINE
- PERMANENT RIGHT-OF-WAY
- PERMANENT WATERBAR
- MONITORING WELL
- GROUND TESTING VALVE
- PRIVATE WATER WELL

PRE-CONSTRUCTION LAND USE LEGEND

- STORMWATER WAIVER AREAS¹
- FOREST

POST-CONSTRUCTION LAND USE LEGEND

- STORMWATER WAIVER AREAS¹
- FOREST (BRUSH SEED MIX W/TREE SEEDLINGS)
- FOREST TO MIXED OPEN CONVERSION

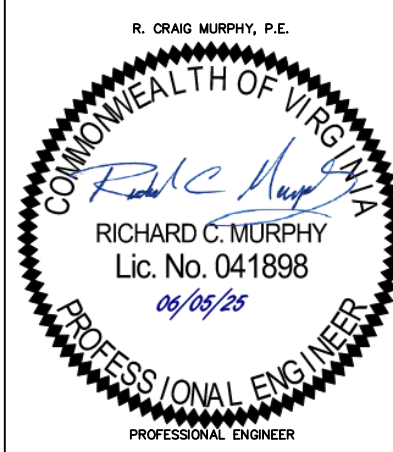
SOILS LEGEND

- 5B3 CLIFFORD SANDY CLAY LOAM, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED
- 5C3 CLIFFORD SANDY CLAY LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED
- 8A CODORUS-COMUS COMPLEX, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED

NOTE:

¹ STORMWATER WAIVER AREAS ARE THOSE THAT WILL RETURN TO EXISTING CONDITIONS. SEE PCSM/WATER QUANTITY PLANS FOR SPECIFIC LAND COVER.

SCALE 1" = 100'



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

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC
SOUTHEAST SUPPLY ENHANCEMENT PROJECT
EDEN LOOP
WATER QUALITY 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-SMQUAL-039	SHEET 39 OF 66

OWNERSHIP & TRACT NUMBER

SSE31-VA-PI-0231.2

SSE31-VA-PI-0231.3

SSE31-VA-PI-0231.4

SSE31-VA-PI-0231.5

SSE31-VA-PI-0231.13

SSE31-VA-PI-0231.23

SSE31-VA-PI-0236

SSE31-VA-PI-0231.25

PROFILE (MIN. PIPE DEPTH)

4'

3'

4'

3'

5'

3'

HDD

COVER TYPE

OPEN LAND

FOREST

RESIDENTIAL

FOREST

OPEN LAND

COMMERCIAL/INDUSTRIAL

OPEN LAND

COMMERCIAL/INDUSTRIAL

OPEN LAND

RESIDENTIAL

OPEN LAND

RECEIVING WATERS

WHITE OAK CREEK-BANISTER RIVER

PRE-CONSTRUCTION LAND COVER PLAN

SOIL TYPE	11B3	1C							11B3										5B3	11B3	1C	5B3			4B				1C		8A													
AVERAGE % SLOPE	5.1	-2.8	3.8	-3.8	2.9	-1.8	2.8	13.6	7.1	4.9	2.9	-4.0	-5.5	13.0	3.3	1.4	-1.1	1.4	-4.3	-7.3	0.2	11.4	38.4	6.9	-17.5	8.8	-9.7	4.4	-0.1	2.0	-1.6	-5.4	-1.3	-3.1	-1.4	-5.8	5.2	-7.4	-2.3	-4.9	-9.6	-15.1	-9.5	-1.9

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

PROPOSED PIPELINE

PERMANENT RIGHT-OF-WAY

PERMANENT WATERBAR

MONITORING WELL

GROUND TESTING VALVE

PRIVATE WATER WELL

PRE-CONSTRUCTION LAND USE LEGEND

STORMWATER WAIVER AREAS 1

FOREST

POST-CONSTRUCTION LAND USE LEGEND

STORMWATER WAIVER AREAS 1

FOREST (BRUSH SEED MIX W/TREE SEEDLINGS)

FOREST TO MIXED OPEN CONVERSION

NOTE:

1. STORMWATER WAIVER AREAS ARE THOSE THAT WILL RETURN TO EXISTING CONDITIONS. SEE PCSM/WATER QUANTITY PLANS FOR SPECIFIC LAND COVER.

SCALE 1"=100'

SCALE 1"=100'

R. CRAIG MURPHY, P.E.

COMMONWEALTH OF VIRGINIA

RICHARD C. MURPHY

Lic. No. 041898

06/05/25

PROFESSIONAL ENGINEER

PROFESSIONAL DESIGNER

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

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

SOUTHEAST SUPPLY ENHANCEMENT PROJECT

EDEN LOOP

WATER QUALITY LAND COVER

SITE PLAN

PITTSYLVANIA COUNTY, VIRGINIA

DRAWN BY: CMK

CHECKED BY: JML

APPROVED BY: RCM

W.O. C1009554

DATE: 5-30-25

ISSUED FOR BID:

ISSUED FOR CONSTRUCTION:

SCALE: AS NOTED

REVISION:

DRAWING NUMBER: VA-EDEN-SMQUAL-040

SHEET 40 OF 66

OWNERSHIP & TRACT NUMBER

SSE31-VA-PI-0231.25

BANISTER RIVER

SSE31-VA-PI-0231.27

SSE31-VA-PI-0243

SSE31-VA-PI-0231.26

SSE31-VA-PI-0260

PROFILE (MIN. PIPE DEPTH)

HDD

4'

COVER TYPE

OPEN LAND

FOREST

WETLAND

FOREST

OPEN WATER

FOREST

AGRICULTURAL

RECEIVING WATERS

WHITE OAK CREEK-BANISTER RIVER

PRE-CONSTRUCTION LAND COVER PLAN

SOIL TYPE	1C	8A										5B3				5C3				5B3						5C3		5B3		
AVERAGE % SLOPE	-15.1	-9.5	-1.9	-18.9	15.1	0.1	-115.5	0.0	59.0	3.8	-3.0	8.3	6.5	3.0	6.3	7.0	5.4	2.1	-2.2	-7.7	7.1	10.8	5.9	-3.3	-1.1	1.5	-4.5	-12.3	-4.3	

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

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

PROPOSED PIPELINE

PERMANENT RIGHT-OF-WAY

PERMANENT WATERBAR

MONITORING WELL

GROUND TESTING VALVE

PRIVATE WATER WELL

PRE-CONSTRUCTION LAND USE LEGEND

STORMWATER WAIVER AREAS¹

FOREST

POST-CONSTRUCTION LAND USE LEGEND

STORMWATER WAIVER AREAS¹

FOREST (BRUSH SEED MIX W/TREE SEEDLINGS)

FOREST TO MIXED OPEN CONVERSION

NOTE:

1. STORMWATER WAIVER AREAS ARE THOSE THAT WILL RETURN TO EXISTING CONDITIONS. SEE PCSM/WATER QUANTITY PLANS FOR SPECIFIC LAND COVER.

SCALE 1"=100'

R. CRAIG MURPHY, P.E.
COMMONWEALTH OF VIRGINIA
Richard C. Murphy
Lic. No. 041898
Professional Engineer

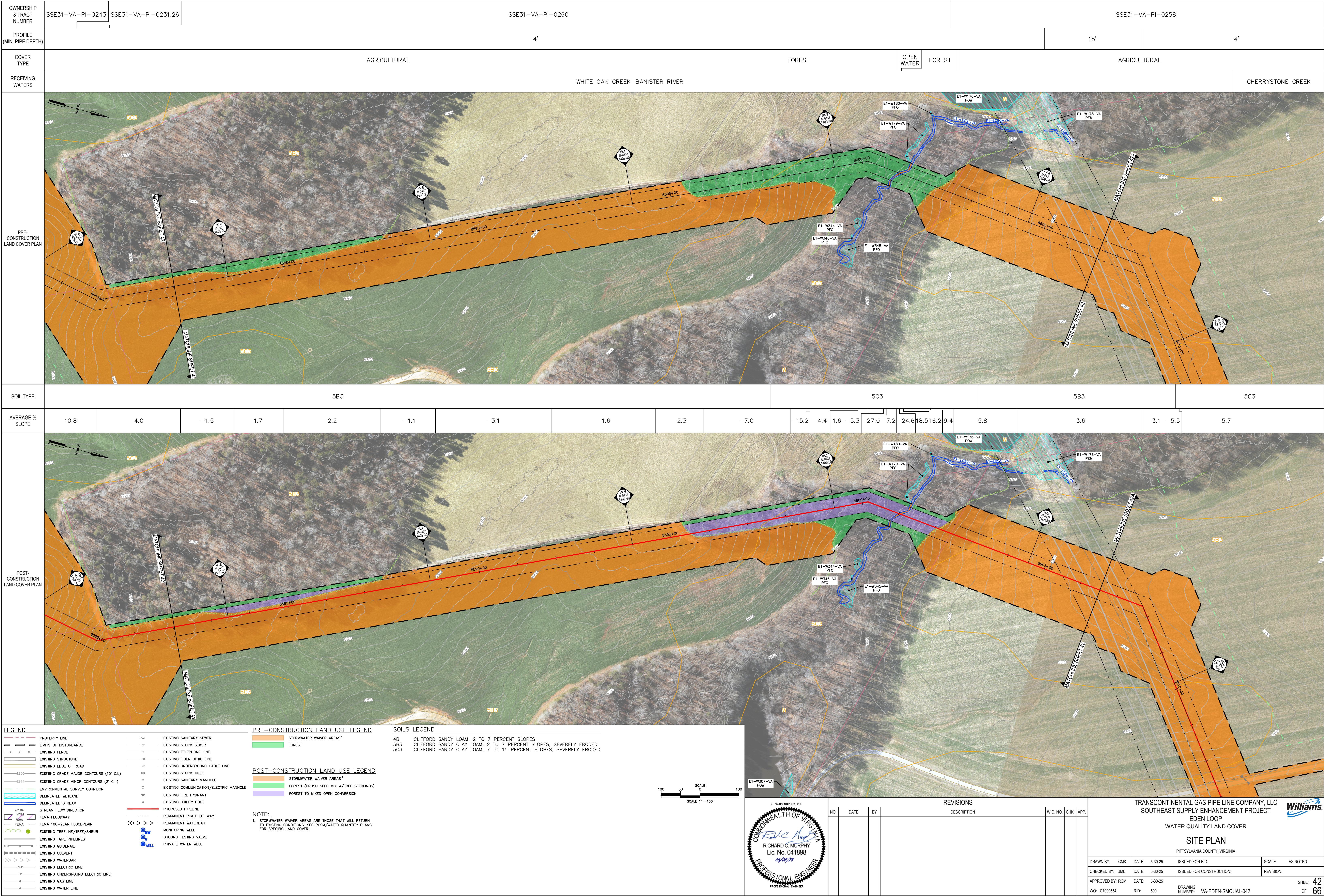
REVISIONS					
NO.	DATE	BY	DESCRIPTION	W.O. NO.	CHK. APP.

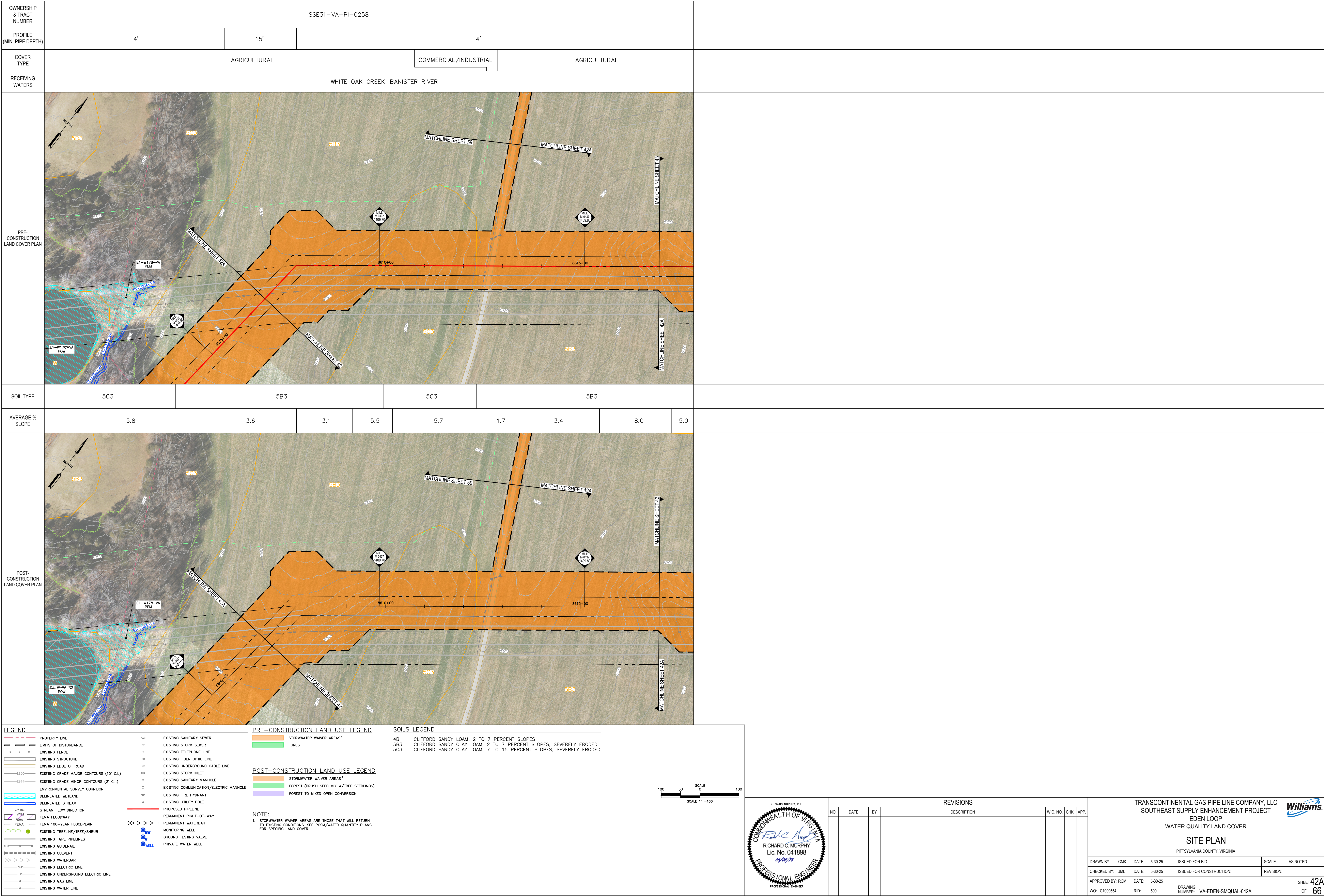
TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC
SOUTHEAST SUPPLY ENHANCEMENT PROJECT
EDEN LOOP
WATER QUALITY LAND COVER

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-SMQUAL-041	SHEET 41 OF 66





100

50

0

SCALE

1"=100'

R. CRAIG MURPHY, P.E.

COMMONWEALTH OF VIRGINIA

RICHARD C. MURPHY

Lic. No. 041898

05/05/25

PROFESSIONAL ENGINEER

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

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

SOUTHEAST SUPPLY ENHANCEMENT PROJECT

EDEN LOOP

WATER QUALITY LAND COVER

SITE PLAN

PITTSYLVANIA COUNTY, VIRGINIA

DRAWN BY: CMK

CHECKED BY: JML

APPROVED BY: RCM

DATE: 5-30-25

DATE: 5-30-25

DATE: 5-30-25

ISSUED FOR BID:

ISSUED FOR CONSTRUCTION:

SCALE: AS NOTED

REVISION:

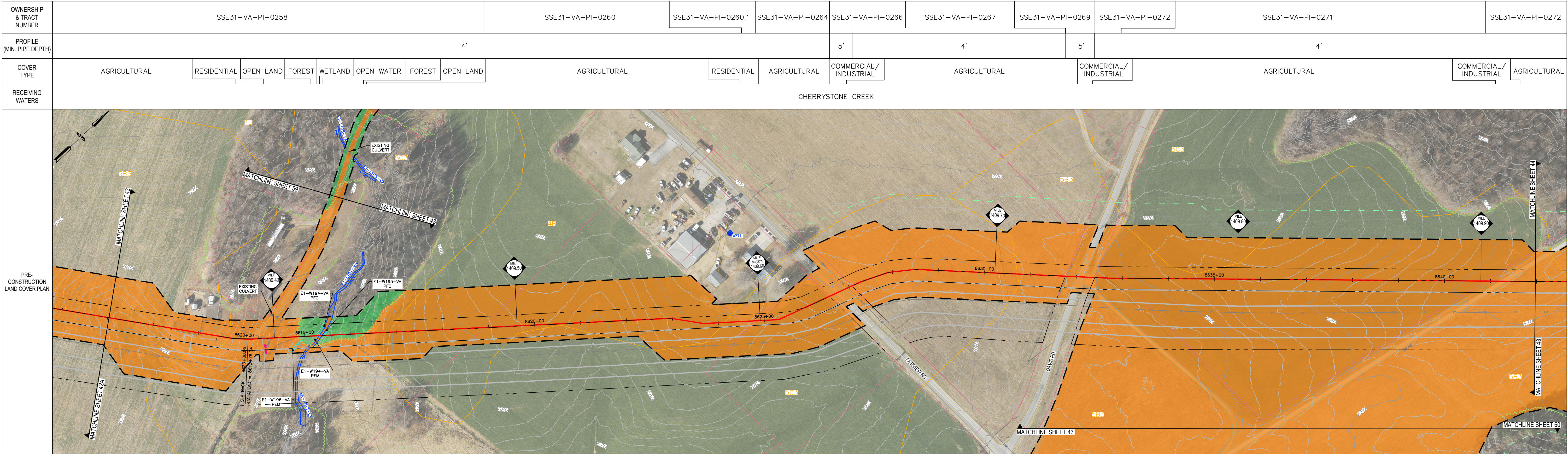
WO: C1009554

RID: 500

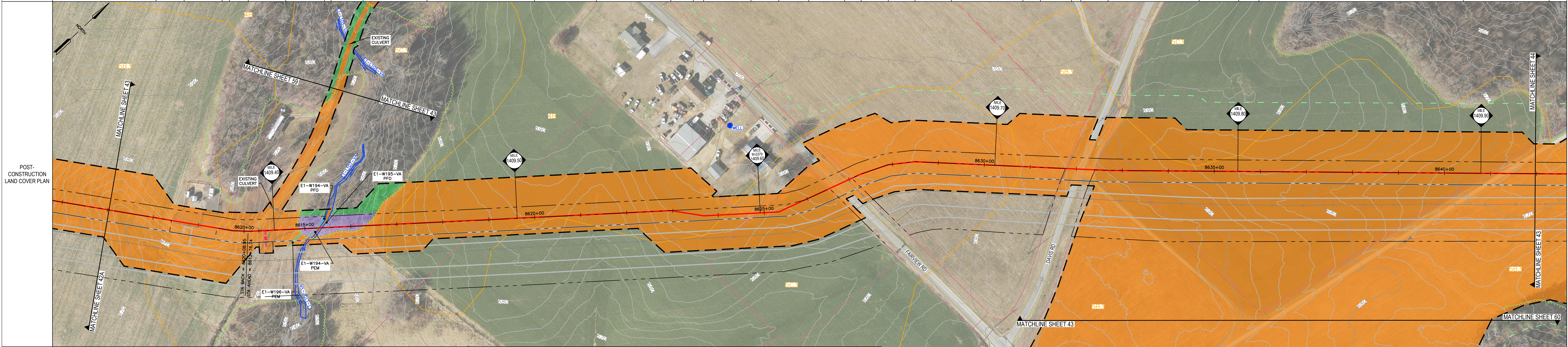
DRAWING NUMBER: VA-EDEN-SMQUAL-042A

SHEET 42A

OF 66



SOIL TYPE	5B3		5C3						4B						5C3						5B3													
AVERAGE % SLOPE	-0.9	-4.7	9.7	1.8	-4.7	-16.3	-4.8	28.4	11.4	8.7	3.6	-3.7	5.6	3.5	-1.6	-1.8	-4.1	3.5	2.3	6.0	1.2	-2.6	-3.0	3.1	2.6	-1.4	1.5	-4.2	-2.9	-2.3	0.7	-3.2	-2.0	3.2



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

PRE-CONSTRUCTION LAND USE LEGEND

- STORMWATER WAIVER AREAS¹
- FOREST

POST-CONSTRUCTION LAND USE LEGEND

- STORMWATER WAIVER AREAS¹
- FOREST (BRUSH SEED MIX W/TREE SEEDLINGS)
- FOREST TO MIXED OPEN CONVERSION

SOILS LEGEND

- 5B3 CLIFFORD SANDY CLAY LOAM, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED
- 5C3 CLIFFORD SANDY CLAY LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED

NOTE:

1. STORMWATER WAIVER AREAS ARE THOSE THAT WILL RETURN TO EXISTING CONDITIONS. SEE PCSM/WATER QUANTITY PLANS FOR SPECIFIC LAND COVER.

SCALE 1" = 100'

R. CRAIG MURPHY, P.E.

COMMONWEALTH OF VIRGINIA

RICHARD C. MURPHY

Lic. No. 041898

05/05/25

PROFESSIONAL ENGINEER

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

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

SOUTHEAST SUPPLY ENHANCEMENT PROJECT

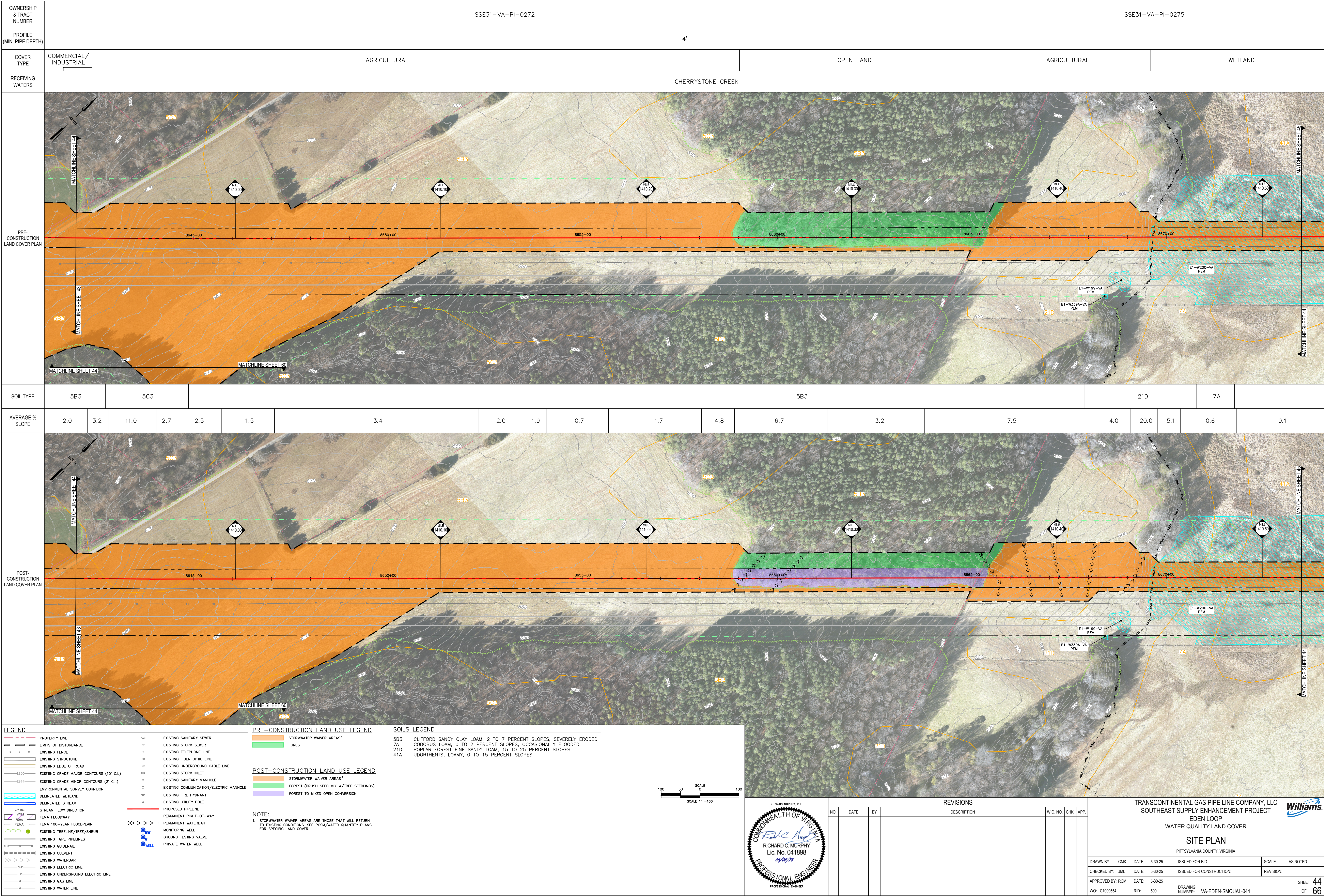
EDEN LOOP

WATER QUALITY 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-SMQUAL-043	SHEET 43 OF 66



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

PROPOSED PIPELINE

PERMANENT RIGHT-OF-WAY

PERMANENT WATERBAR

MONITORING WELL

GROUND TESTING VALVE

PRIVATE WATER WELL

PRE-CONSTRUCTION LAND USE LEGEND

STORMWATER WAIVER AREAS¹

FOREST

POST-CONSTRUCTION LAND USE LEGEND

STORMWATER WAIVER AREAS¹

FOREST (BRUSH SEED MIX W/TREE SEEDLINGS)

FOREST TO MIXED OPEN CONVERSION

NOTE:

1. STORMWATER WAIVER AREAS ARE THOSE THAT WILL RETURN TO EXISTING CONDITIONS. SEE PCSM/WATER QUANTITY PLANS FOR SPECIFIC LAND COVER.

SCALE 1"=100'

SCALE 1"=100'

R. CRAIG MURPHY, P.E.

COMMONWEALTH OF VIRGINIA

PROFESSIONAL ENGINEER

06/05/25

RICHARD C. MURPHY

Lic. No. 041898

PROFESSIONAL ENGINEER

REVISIONS

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

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

SOUTHEAST SUPPLY ENHANCEMENT PROJECT

EDEN LOOP

WATER QUALITY 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-SMQUAL-044

W.O. C1009554

RID: 500

SHEET 44 OF 66