



Pennsylvania
Department of Transportation



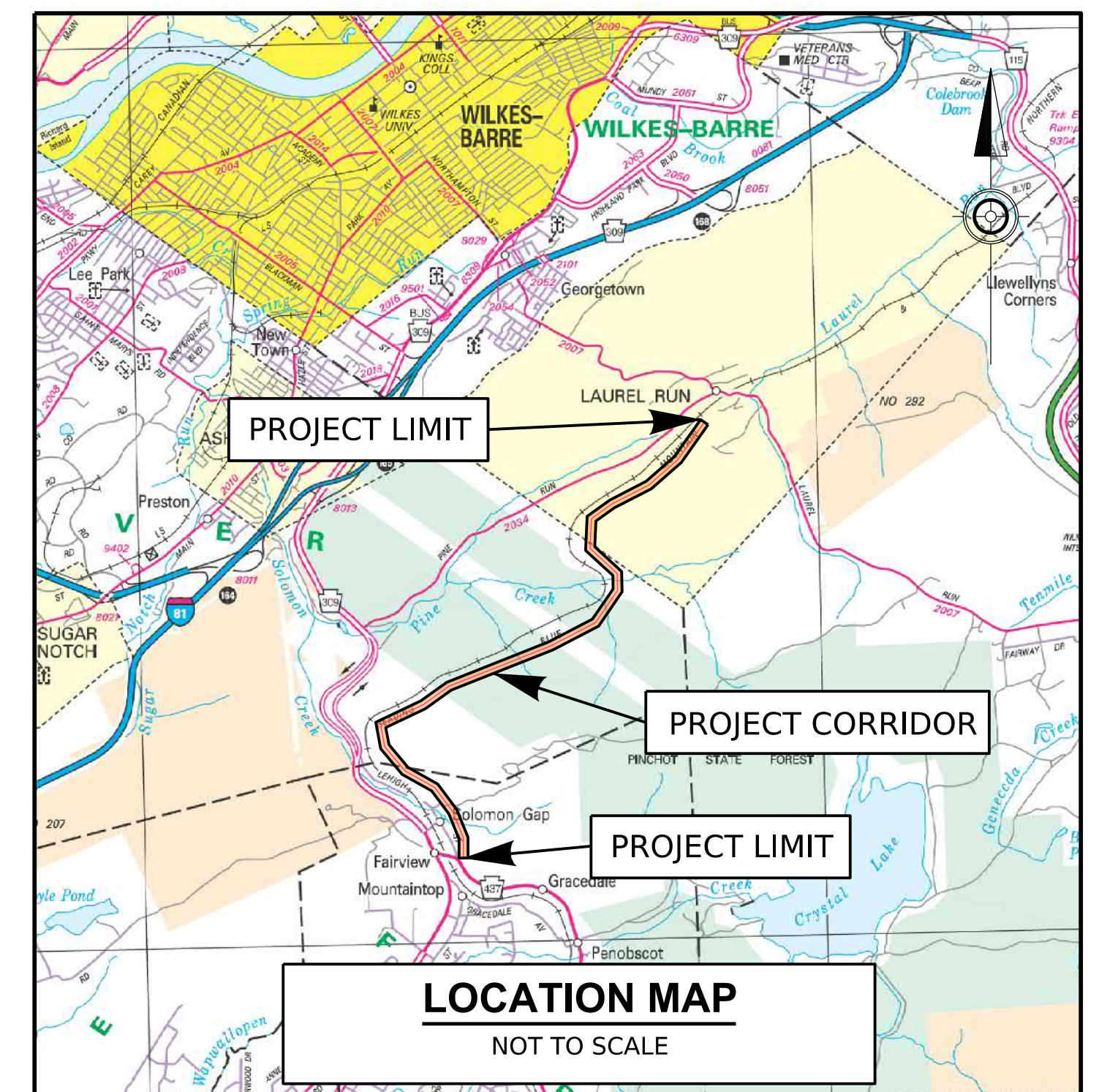
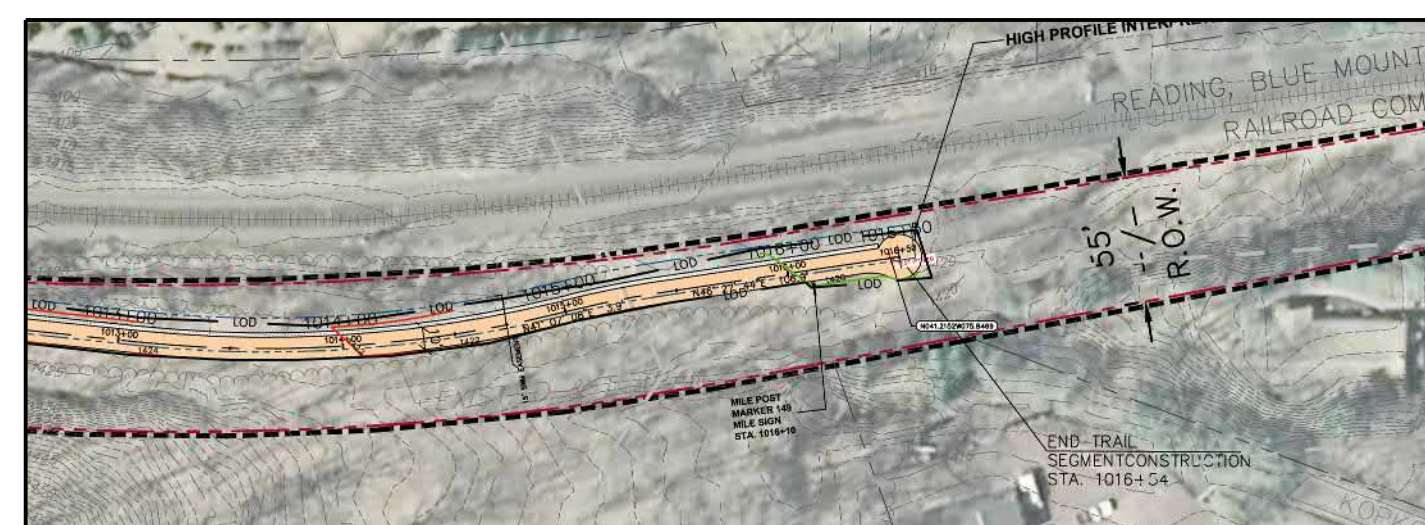
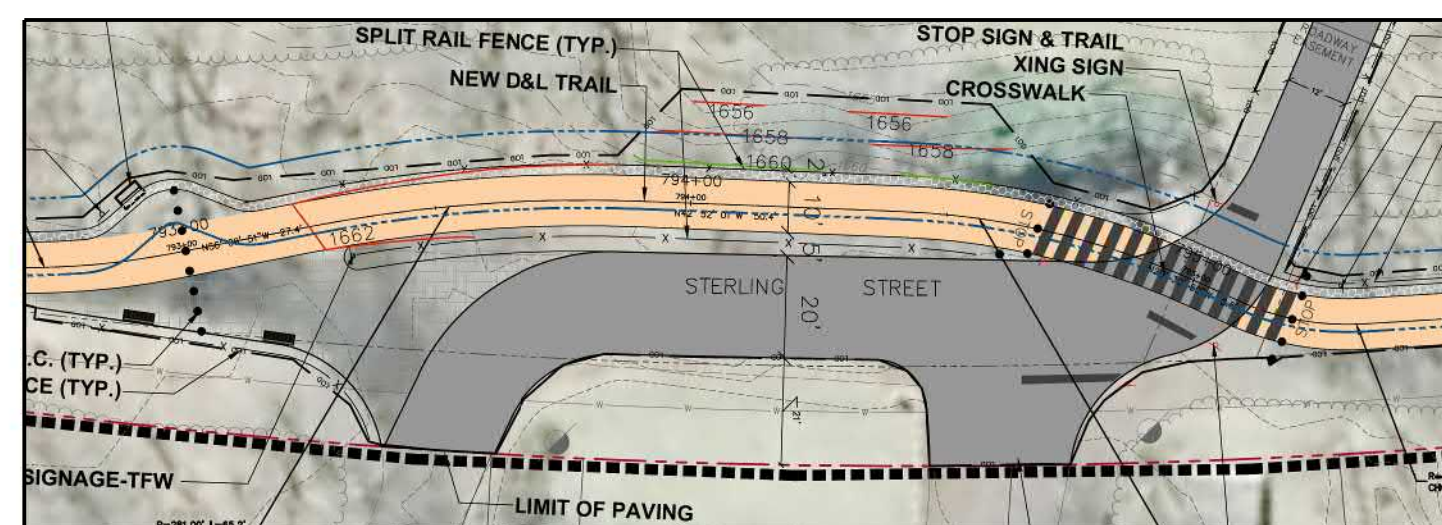
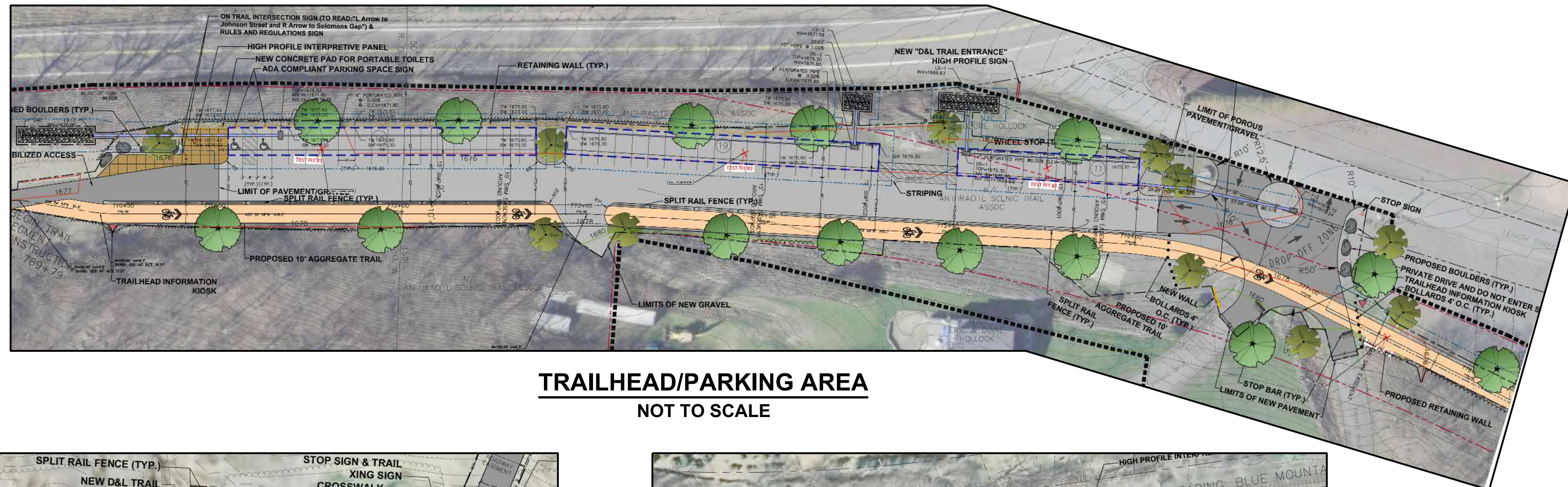
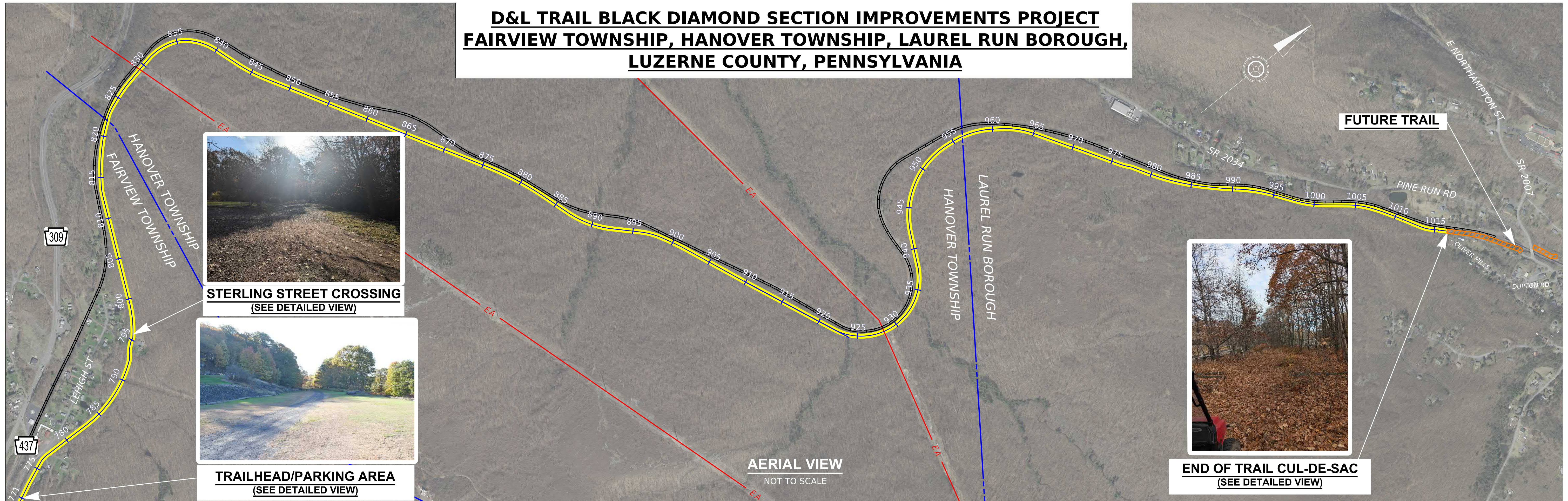
pennsylvania
DEPARTMENT OF CONSERVATION
AND NATURAL RESOURCES



pennsylvania
DEPARTMENT OF COMMUNITY
& ECONOMIC DEVELOPMENT

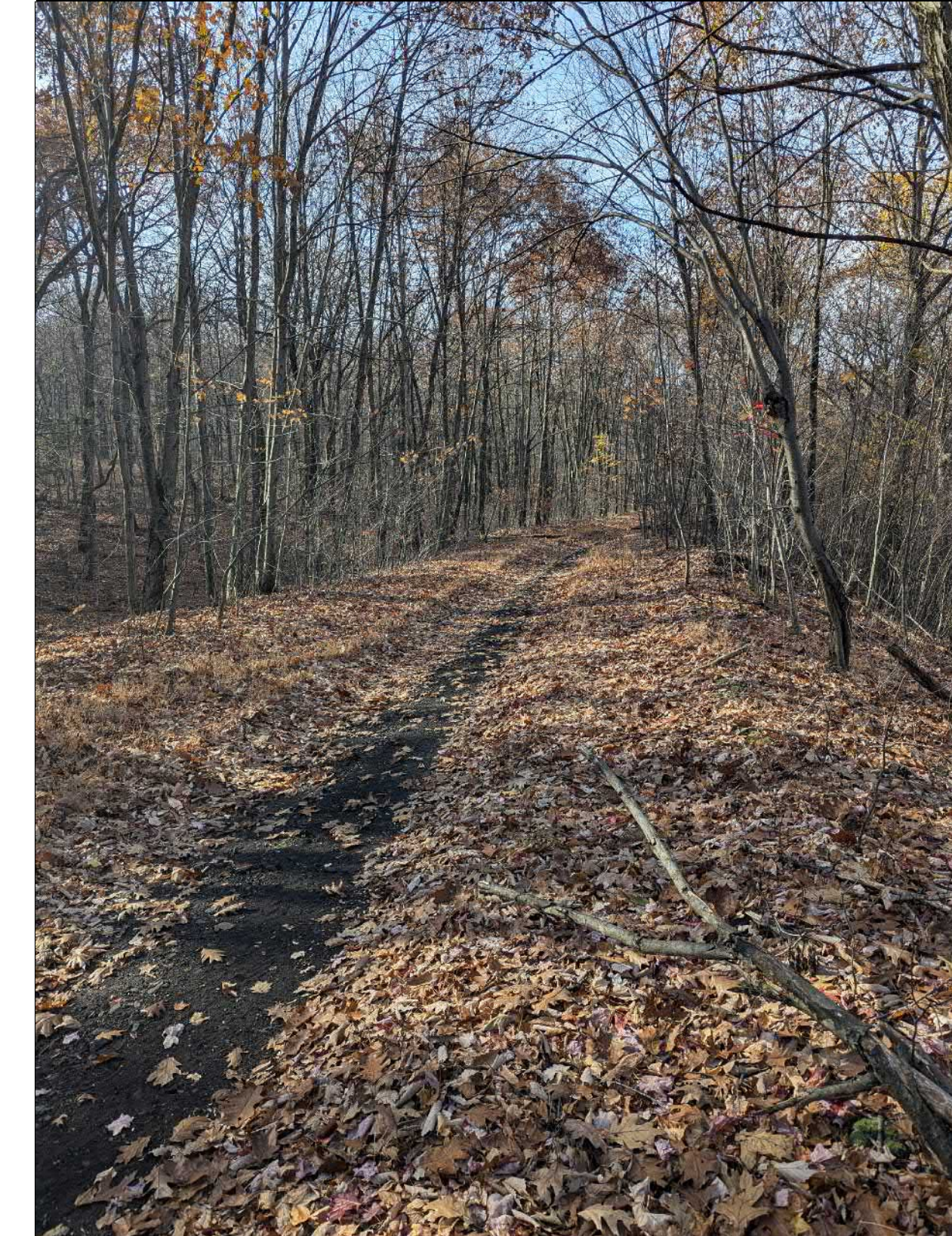
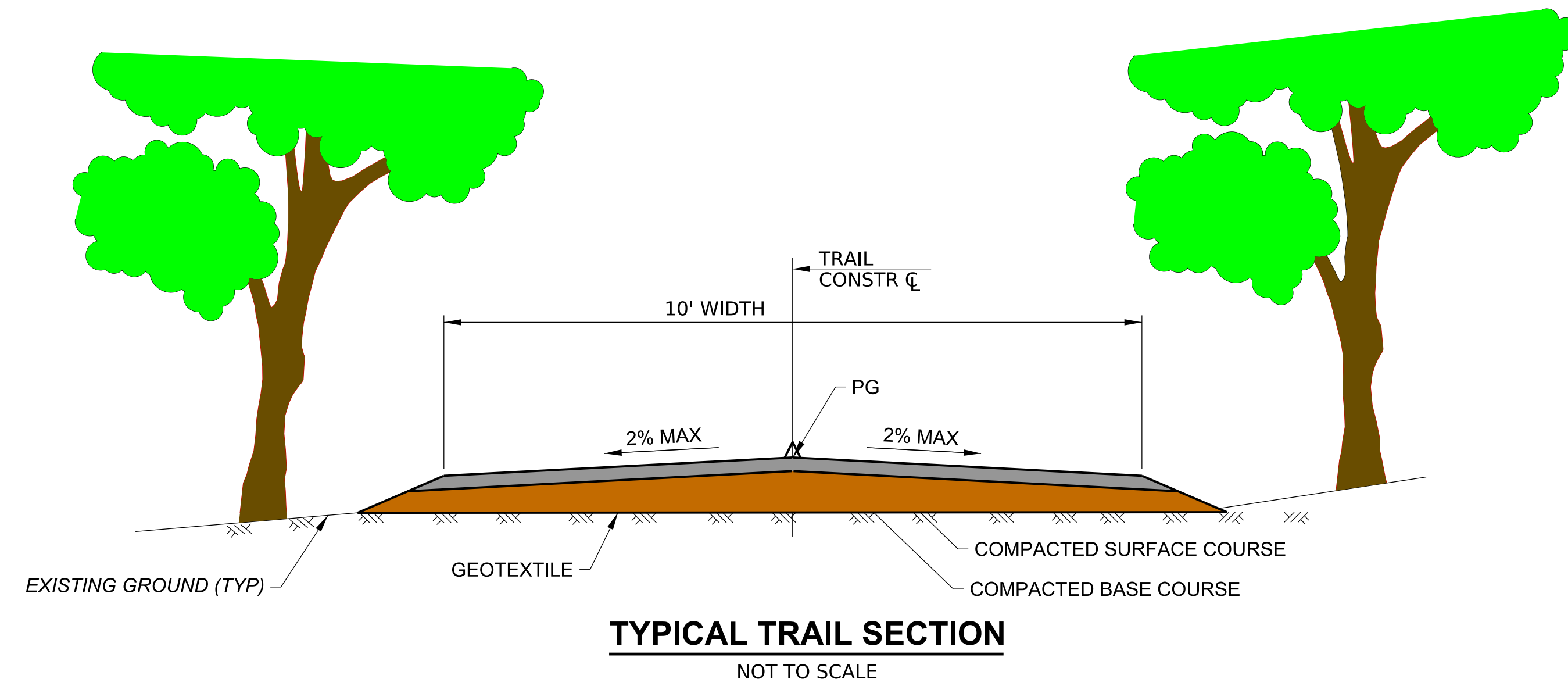


**D&L TRAIL BLACK DIAMOND SECTION IMPROVEMENTS PROJECT
FAIRVIEW TOWNSHIP, HANOVER TOWNSHIP, LAUREL RUN BOROUGH,
LUZERNE COUNTY, PENNSYLVANIA**

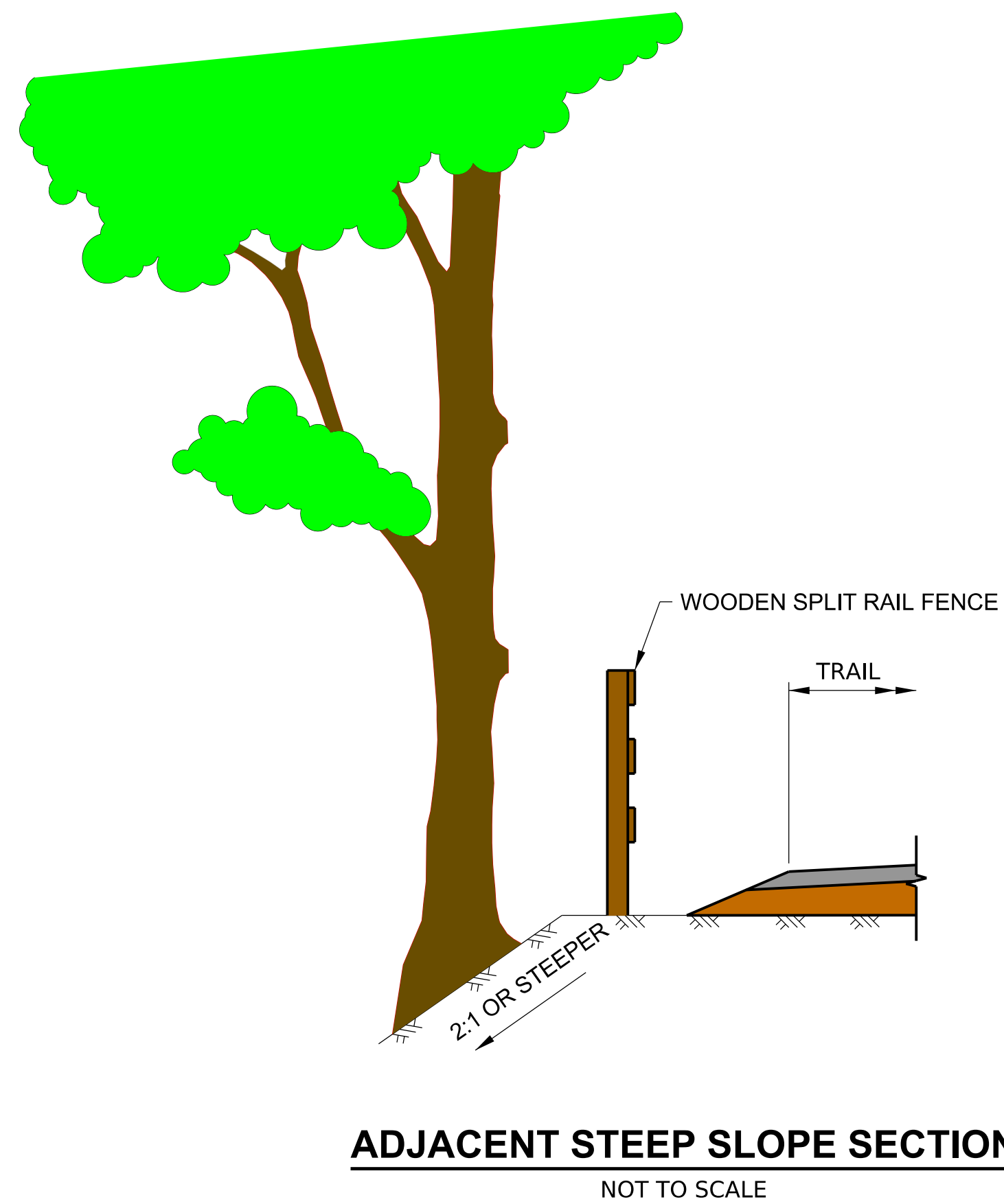




D&L TRAIL BLACK DIAMOND SECTION IMPROVEMENTS PROJECT
FAIRVIEW TOWNSHIP, HANOVER TOWNSHIP, LAUREL RUN BOROUGH,
LUZERNE COUNTY, PENNSYLVANIA



TYPICAL TRAIL SECTION



ADJACENT STEEP SLOPE SECTION

DISTRICT	COUNTY	BOROUGH	ROUTE	SECTION	TOTAL SHEETS
4-0	LUZERNE	HANOVER TOWNSHIP	0000	TAP	#
		FAIRVIEW TOWNSHIP			
		LAURAL RUN BOROUGH			

ECMS NO.

ALSO INCLUDED

EROSION AND SEDIMENT POLLUTION CONTROL PLAN
CROSS SECTIONS

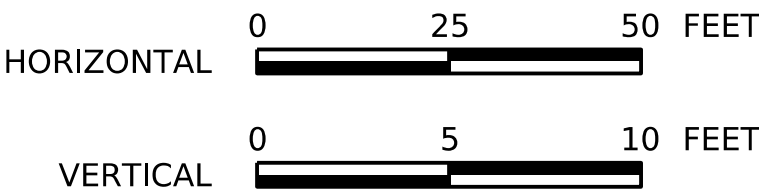
X SHEETS
X SHEETS

ANTHRACITE SCENIC TRAILS ASSOCIATION
DRAWINGS
FOR
CONSTRUCTION
OF
MOUNTAIN TOP D&L TRAILHEAD
IN LUZERNE COUNTY

FROM STA. 770+50.00 TO STA. 1016+51.52 LENGTH 24,601.52 FT. 4.659 MI.

CONCEPTUAL

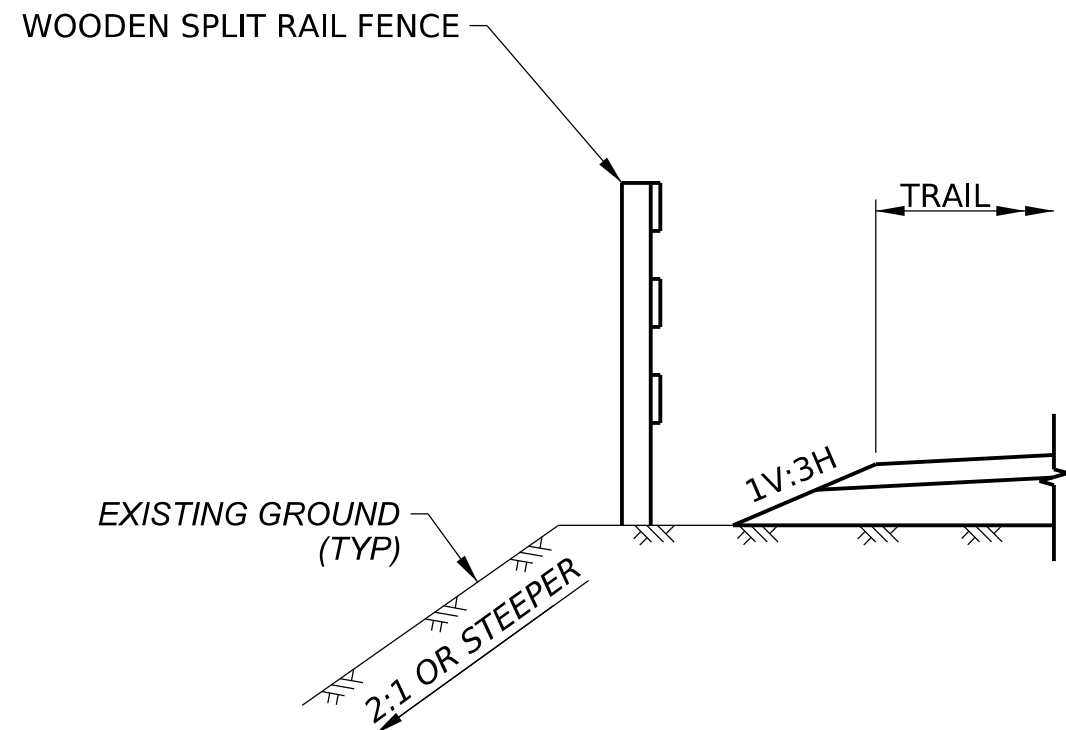
SCALE



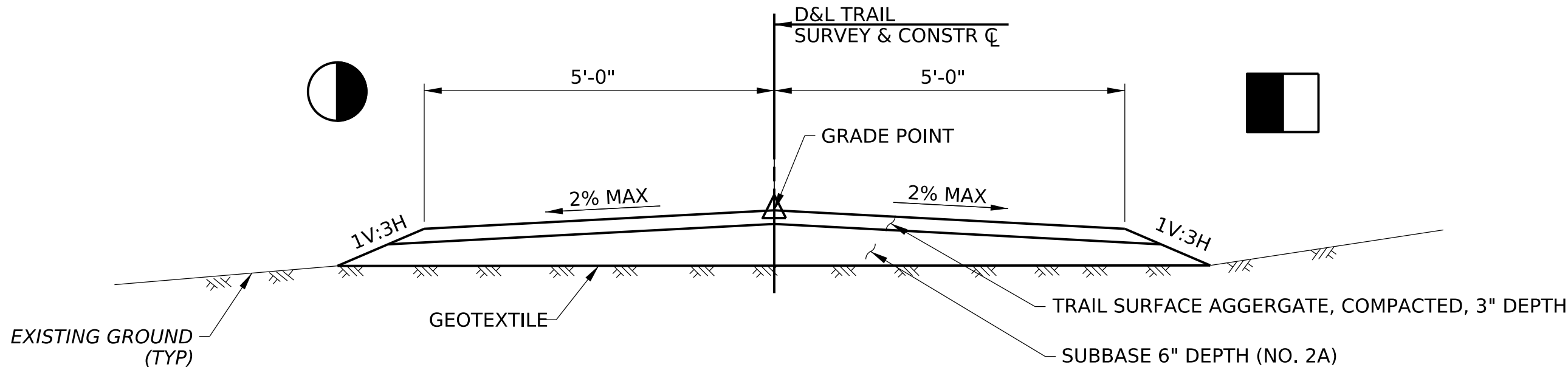
PREPARED BY: Greenman-Pedersen, Inc. 52 GLENMAURA NATIONAL BLVD SUITE 302 SCRANTON, PA 18507	RECOMMENDED DATE: _____
	_____ DISTRICT EXECUTIVE
REGISTERED PROFESSIONAL ENGINEER	APPROVED DATE: _____
	_____ ANTHRACITE SCENIC TRAILS ASSOCIATION CHAIRPERSON
DATE: _____	

FILE NAME: X:\SCR-2015402.01_ASTA Trail-Mile 7\03_Oliver Mills Trail\Oliver Mills Trail\Plans\01_Constr\40A5TA_C01-005-TYP.dgn
PLOTTED: 11-MAR-2025 15:36
GREENMAN-PEDERSEN, INC.

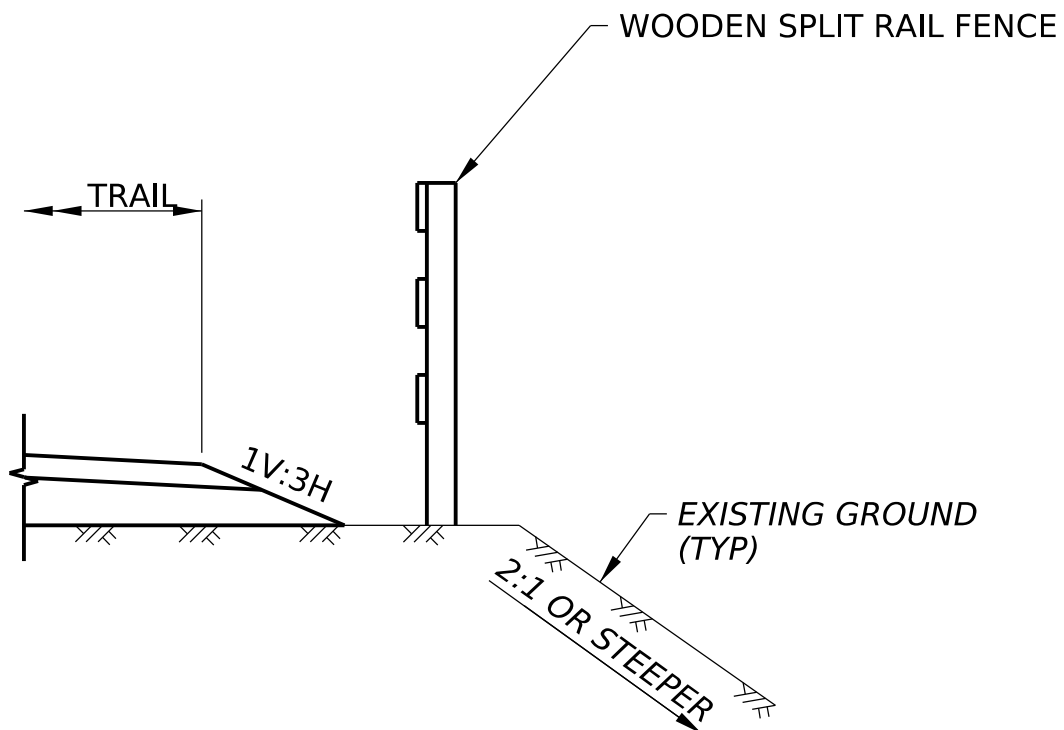
DISTRICT	COUNTY	ROUTE	SECTION	SHEET		
4-0	LUZERNE	0000	MTM	OF		
FAIRVIEW TOWNSHIP/HANOVER TOWNSHIP/LAUREL RUN BOROUGH						
REV NO	REVISIONS			DATE	BY	APPD



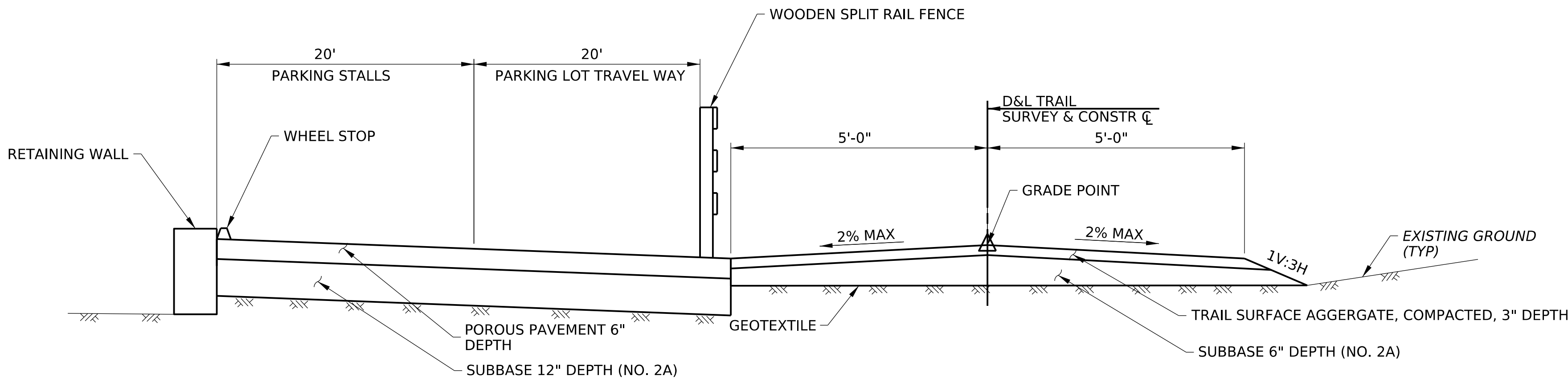
ALTERNATE SECTION
NOT TO SCALE
STA XXX+XX.XX TO XXX+XX.XX LT



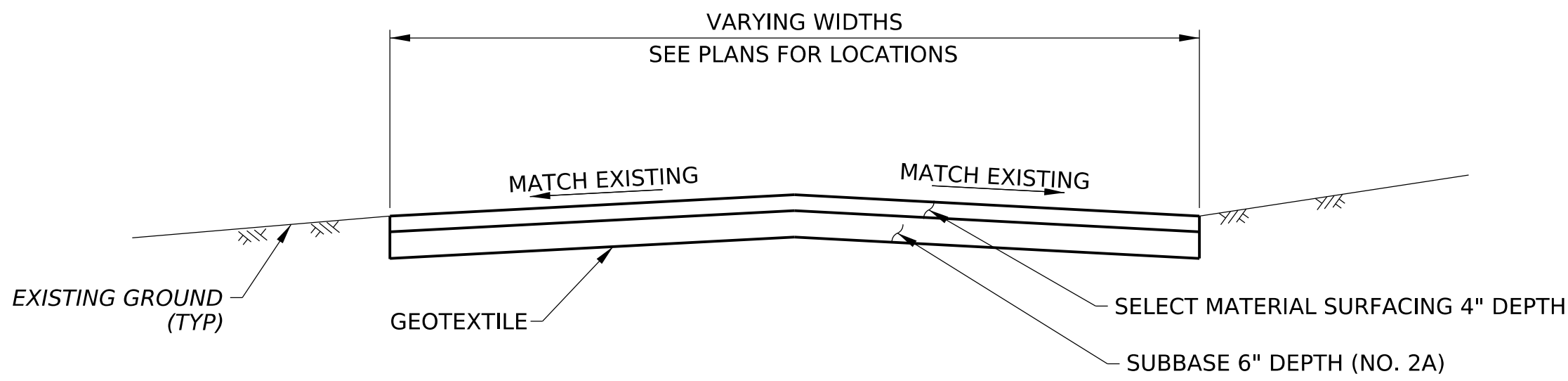
TYPICAL TRAIL SECTION
NOT TO SCALE
STA 770+35.00 TO STA 792+72.00
STA 799+61.46 TO STA 1016+51.52



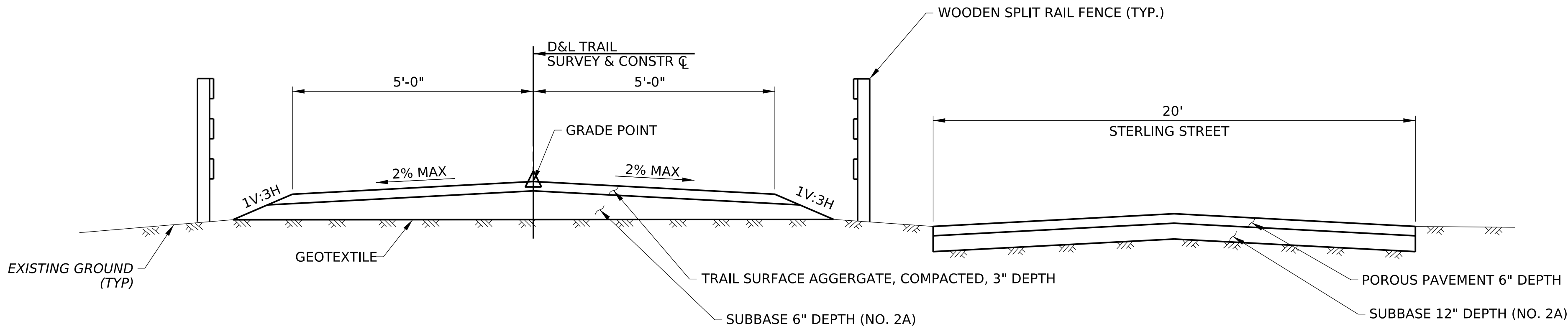
ALTERNATE SECTION
NOT TO SCALE
STA XXX+XX.XX TO XXX+XX.XX RT



TYPICAL TRAILHEAD PARKING LOT SECTION
NOT TO SCALE
STA 771+00.00 TO STA 776+25.00



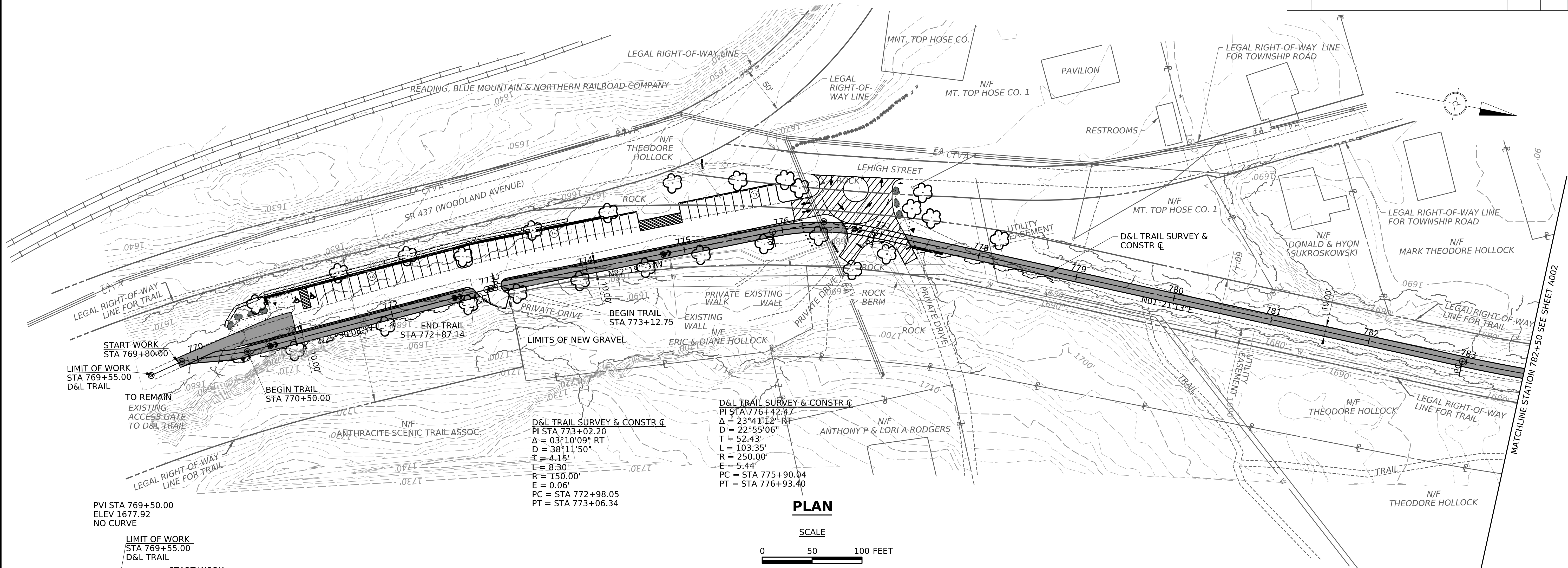
GRAVEL DRIVEWAY SECTION
NOT TO SCALE



TYPICAL TRAIL SECTION AT STERLING STREET
NOT TO SCALE
STA 793+50.00 TO STA 794+75.00

OPERATOR: scosta@ioli
FILE NAME: X:\SCR-2015402.01_ASTA Trail-Mile 71.03_Oliver Mills Trail\Oliver Mills Trail\Plans\01_Constr\40ASTA_C01-007-PLAN.dgn
PLOTED: 11-MAR-2025 16:12

DISTRICT	COUNTY	ROUTE	SECTION	SHEET	
4-0	LUZERNE	0000	MTM	1 OF	
FAIRVIEW TOWNSHIP/HANOVER TOWNSHIP/LAUREL RUN BOROUGH					
REV NO	REVISIONS			DATE	BY APPD



D&L TRAIL SURVEY & CONSTR C
PI STA 776+42.47
 $\Delta = 23^{\circ}41'12''$ RT
D = 22°55'06"
T = 52.43'
L = 103.35'
R = 250.00'
E = 5.44'
PC = STA 775+90.04
PT = STA 776+93.40

D&L TRAIL SURVEY & CONSTR C
PI STA 773+02.20
 $\Delta = 03^{\circ}10'09''$ RT
D = 38°11'50"
T = 4.15'
L = 8.30'
R = 150.00'
E = 0.06'
PC = STA 772+98.05
PT = STA 773+06.34

PLAN

SCALE

0 50 100 FEET

PVI STA 776+41.13
ELEV 1677.15
NO CURVE

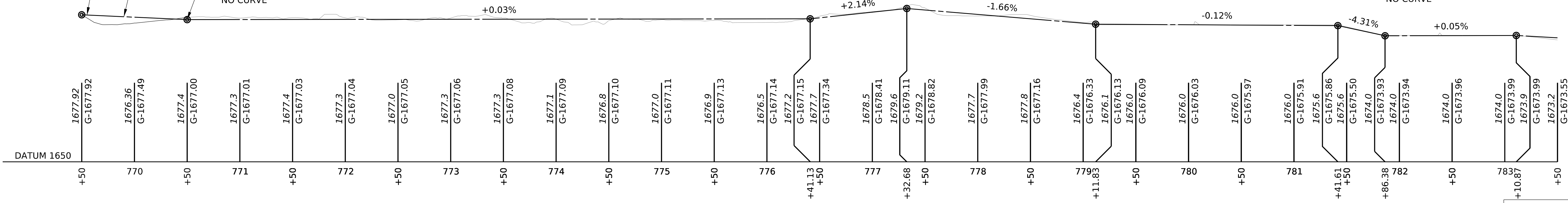
PVI STA 777+32.68
ELEV 1679.11
NO CURVE

PVI STA 779+11.83
ELEV 1676.13
NO CURVE

PVI STA 781+41.61
ELEV 1675.86
NO CURVE

PVI STA 783+10.87
ELEV 1673.99
NO CURVE

PVI STA 781+86.38
ELEV 1673.93
NO CURVE



LEGEND

- PROPOSED TRAIL
- CONCRETE PAD
- RETAINING WALL
- PROPOSED TREE
- SPLIT RAIL FENCE
- POROUS PAVE

PROFILE

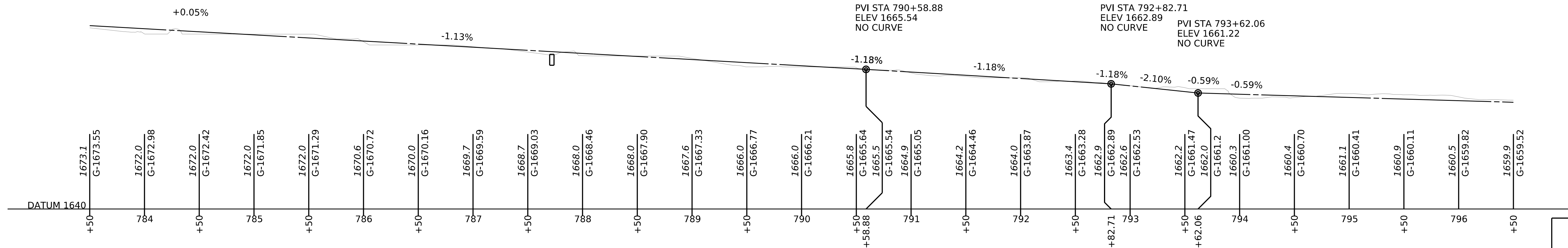
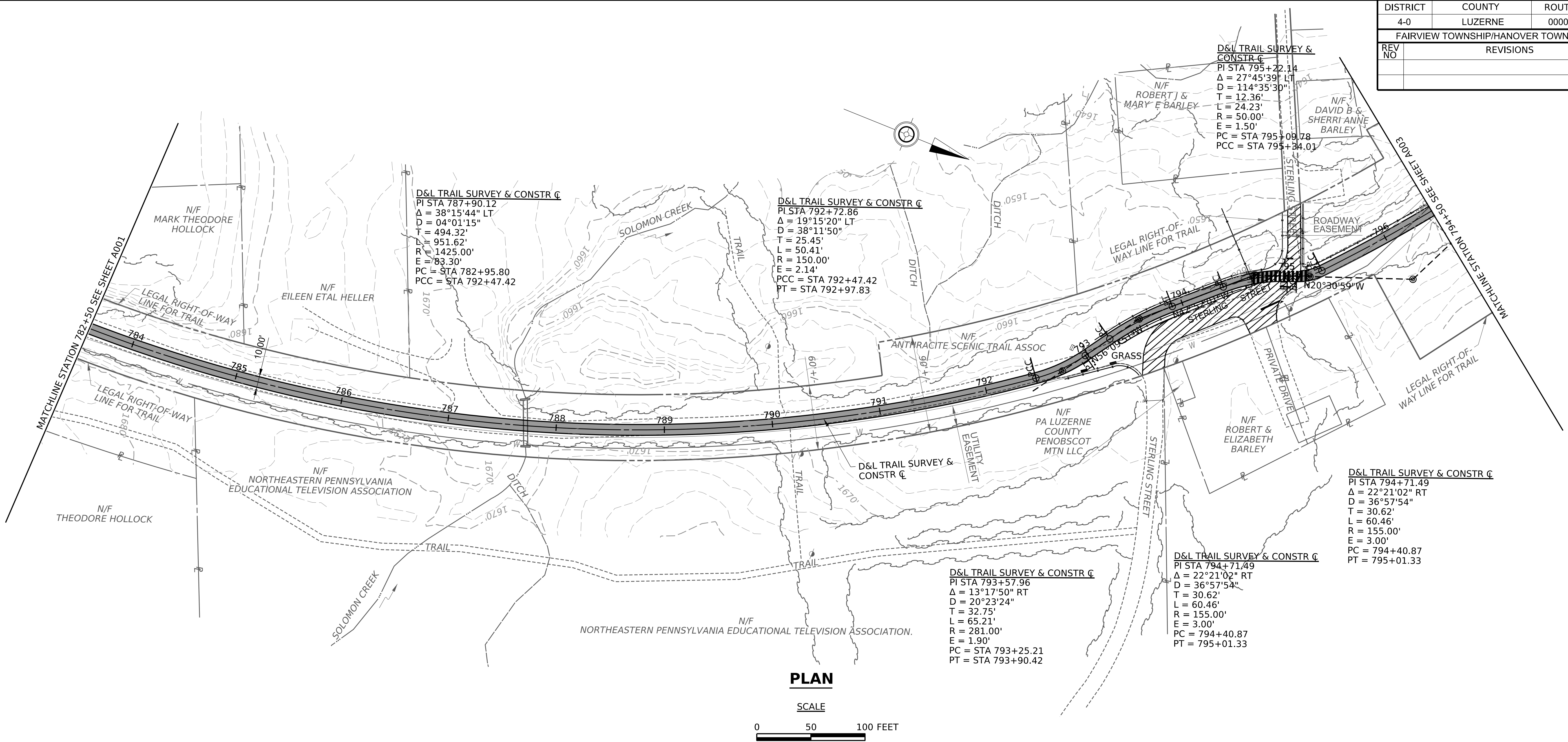
SCALE

0 50 100 FEET

0 5 10 FEET

OPERATOR: scostadilola
FILE NAME: X:\SCR-2015402.01_ASTA Trail-Mile 71.03_Oliver Mills Trail\Oliver Mills Trail\Plans\01_Constr\40ASTA_C01-007-PLAN.dgn
FILE NAME: X:\SCR-2015402.01_ASTA Trail-Mile 71.03_Oliver Mills Trail\Oliver Mills Trail\Plans\01_Constr\40ASTA_C01-007-PLAN.dgn
PLOTTER: 11-MAR-2025 15:36

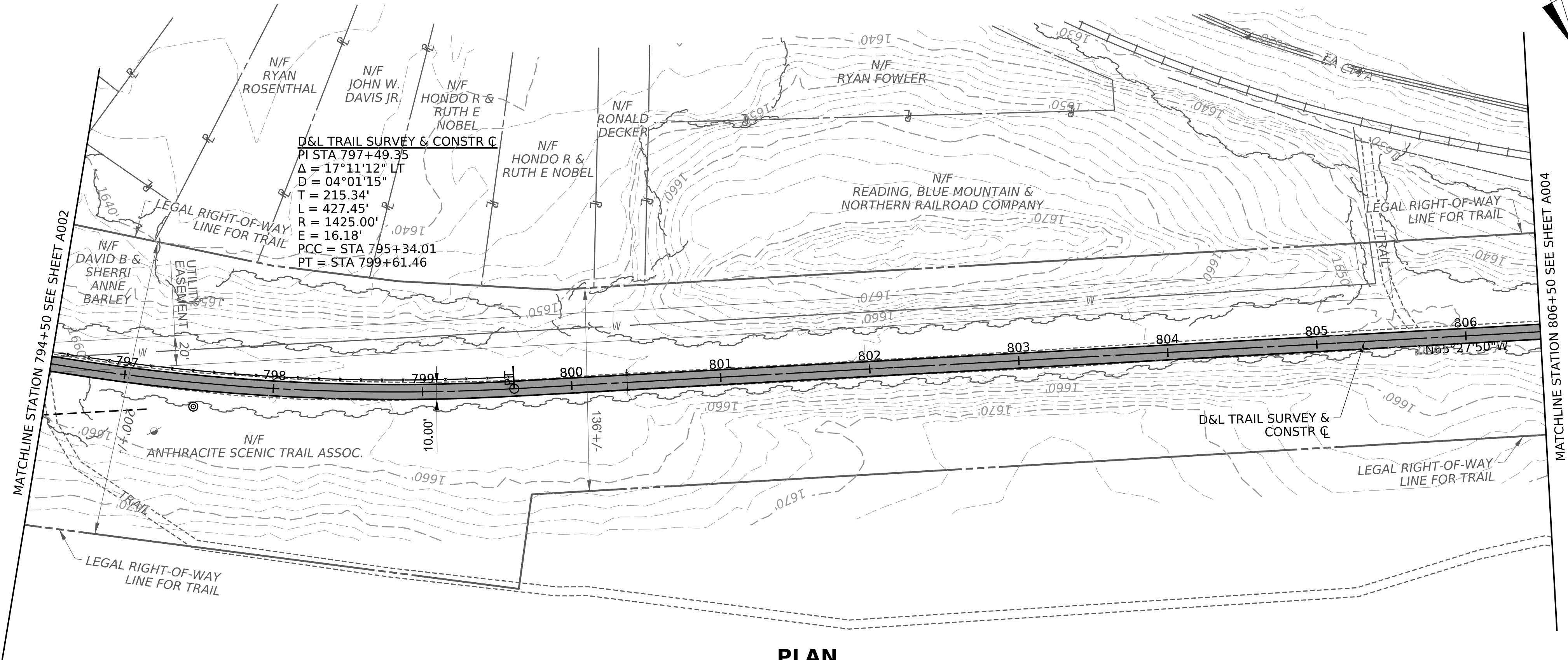
DISTRICT	COUNTY	ROUTE	SECTION	SHEET		
4-0	LUZERNE	0000	MTM	2 OF		
FAIRVIEW TOWNSHIP/HANOVER TOWNSHIP/LAUREL RUN BOROUGH						
REV NO	REVISIONS			DATE	BY	APPD



- LEGEND**
- PROPOSED TRAIL
 - SPLIT RAIL FENCE
 - POROUS PAVE

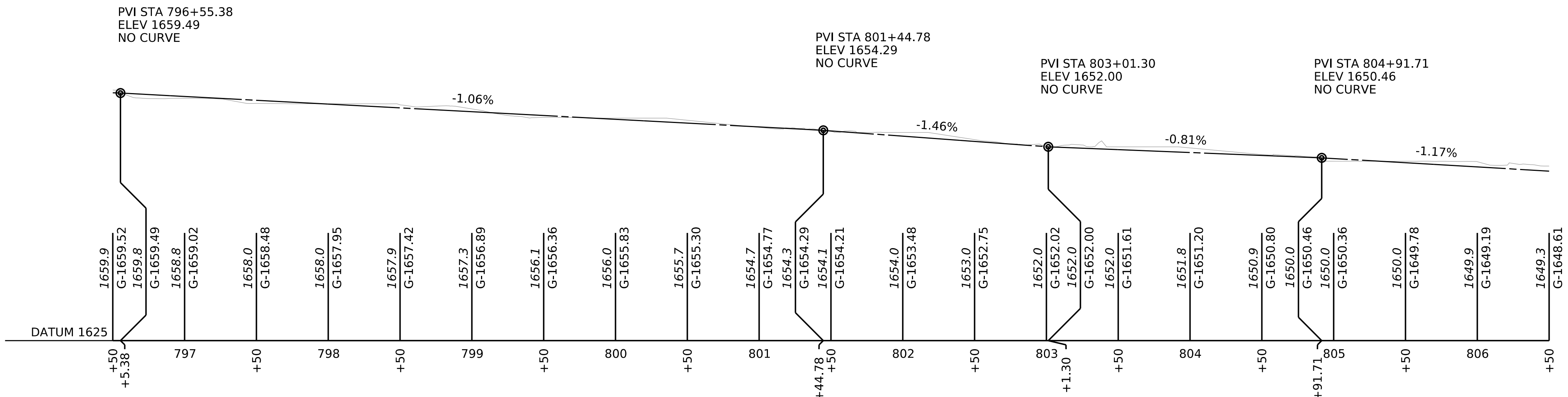
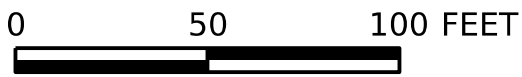
OPERATOR: scostajliola
FILE NAME: X:\SCR-2015402.01_ASTA Trail-Mile 7\03_Oliver Mills Trail\Oliver Mills Trail\Plans\01_Constr\40ASTA_C01-007-PLAN.dgn
PLOTTED: 11-MAR-2025 15:36
FILE NAME: X:\SCR-2015402.01_ASTA Trail-Mile 7\03_Oliver Mills Trail\Oliver Mills Trail\Plans\01_Constr\40ASTA_C01-007-PLAN.dgn

DISTRICT	COUNTY	ROUTE	SECTION	SHEET		
4-0	LUZERNE	0000	MTM	3 OF		
FAIRVIEW TOWNSHIP/HANOVER TOWNSHIP/LAUREL RUN BOROUGH						
REV NO	REVISIONS			DATE	BY	APPD



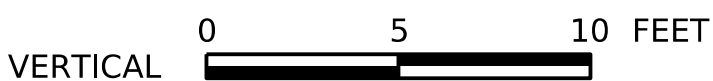
PLAN

SCALE



PROFILE

SCALE

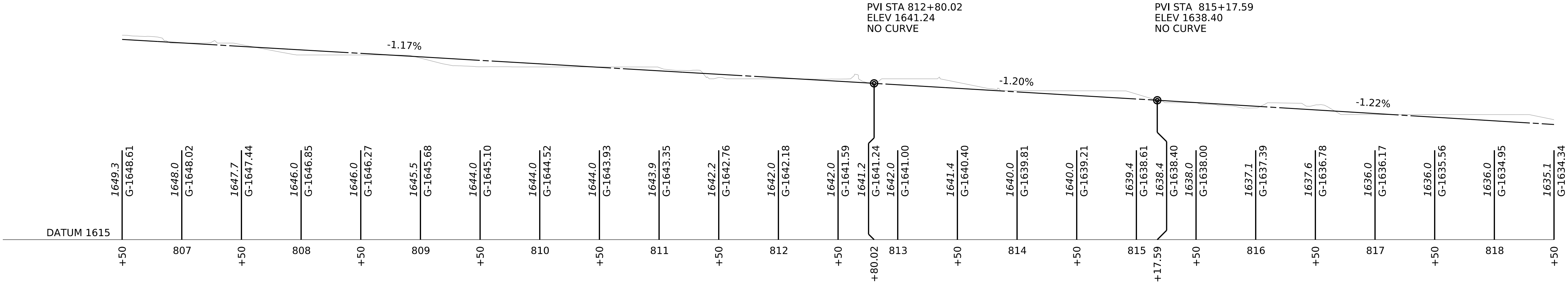
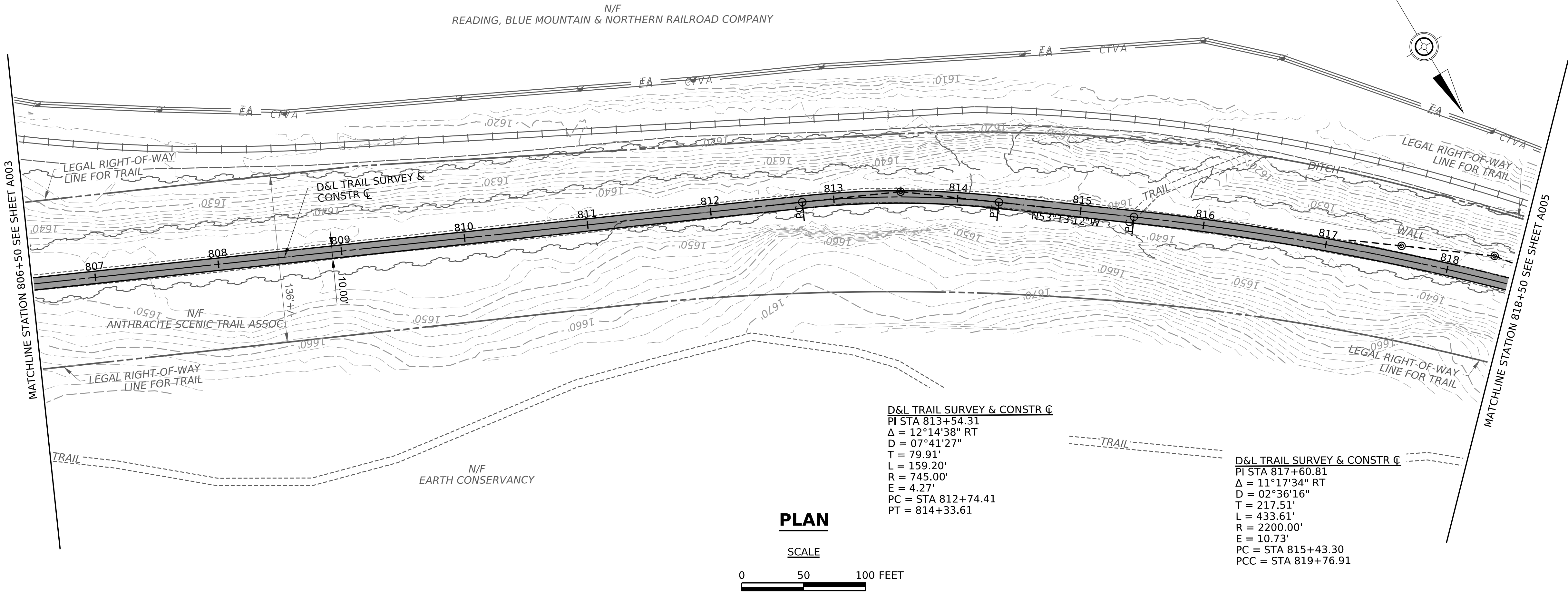


LEGEND

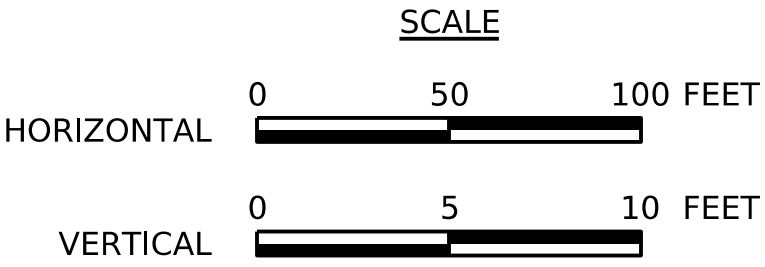
- PROPOSED TRAIL
- SPLIT RAIL FENCE

OPERATOR: scostadjiola
FILE NAME: X:\SCR-2015402.01_ASTA Trail-Mile 7\03_Oliver Mills Trail\Oliver Mills Trail\Plans\01_Constr\40ASTA_C01-007-PLAN.dgn
PLOTTED: 11-MAR-2025 15:36
FILE NAME: X:\SCR-2015402.01_ASTA Trail-Mile 7\03_Oliver Mills Trail\Oliver Mills Trail\Plans\01_Constr\40ASTA_C01-007-PLAN.dgn

DISTRICT	COUNTY	ROUTE	SECTION	SHEET		
4-0	LUZERNE	0000	MTM	4 OF		
FAIRVIEW TOWNSHIP/HANOVER TOWNSHIP/LAUREL RUN BOROUGH						
REV NO	REVISIONS			DATE	BY	APPD

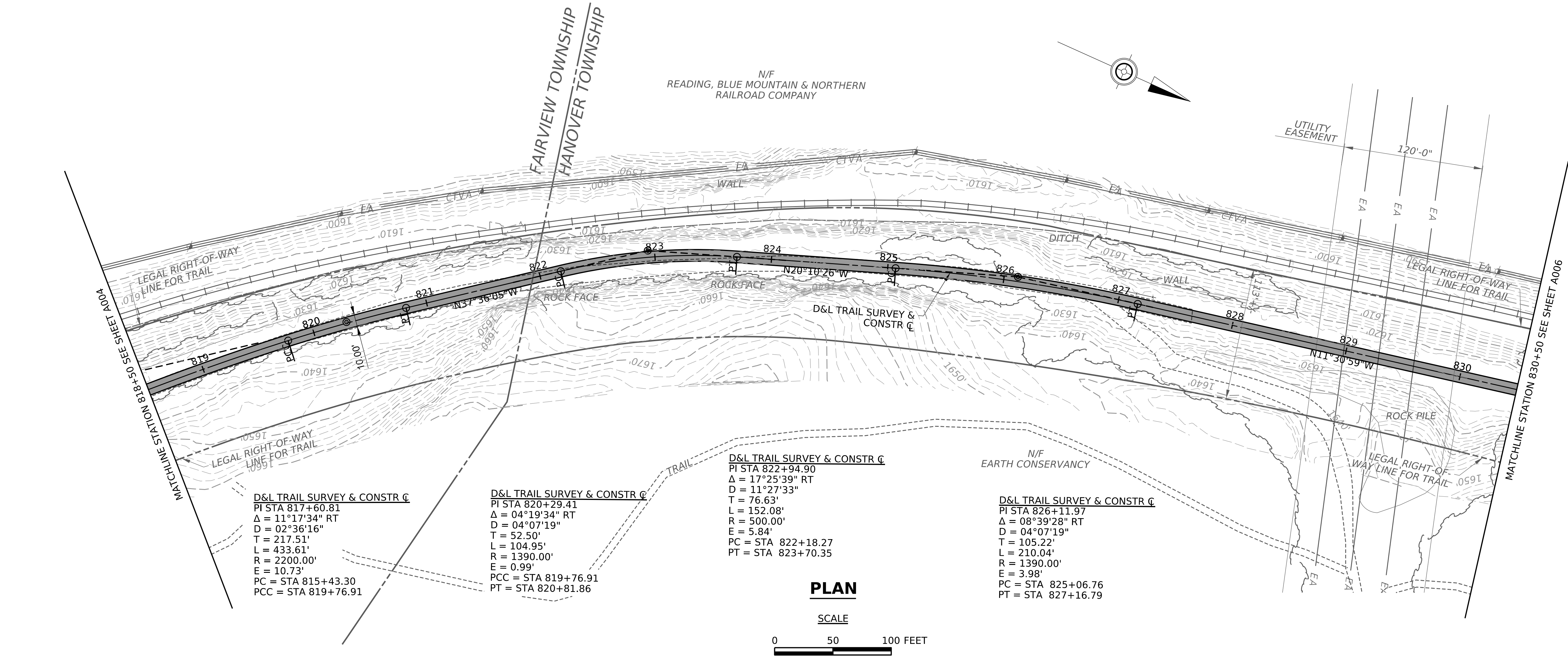


- LEGEND
- PROPOSED TRAIL
 - SPLIT RAIL FENCE



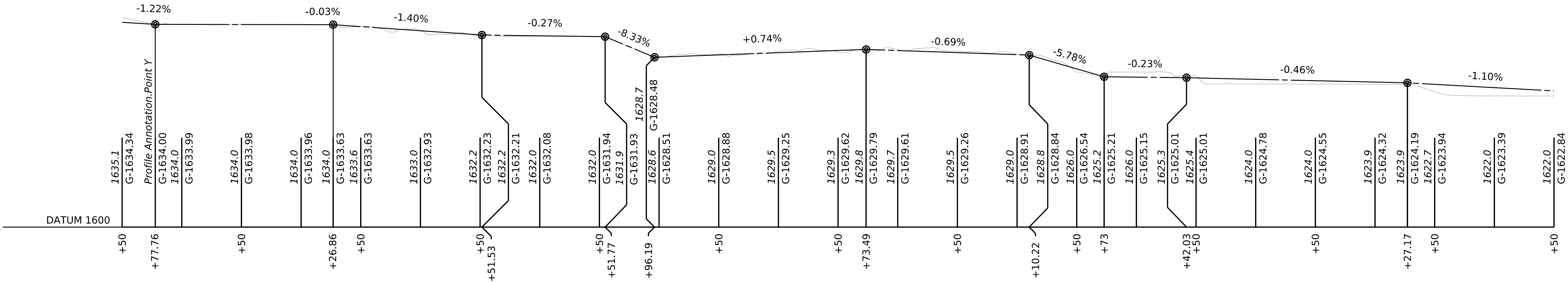
OPERATOR: scosta@ioliola
FILE NAME: X:\SCR-2015402.01_ASTA Trail-Mile 7\03_Oliver Mills Trail\Oliver Mills Trail\Plans\01_Constr\40ASTA_C01-007-PLAN.dgn
PLOTED: 11-MAR-2025 15:36
FILE NAME: X:\SCR-2015402.01_ASTA Trail-Mile 7\03_Oliver Mills Trail\Oliver Mills Trail\Plans\01_Constr\40ASTA_C01-007-PLAN.dgn

DISTRICT	COUNTY	ROUTE	SECTION	SHEET		
4-0	LUZERNE	0000	MTM	5 OF		
FAIRVIEW TOWNSHIP/HANOVER TOWNSHIP/LAUREL RUN BOROUGH						
REV NO	REVISIONS			DATE	BY	APPD



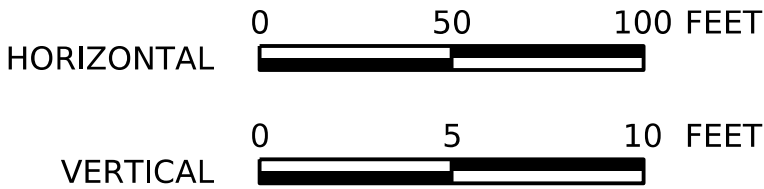
PLAN

SCALE



PROFILE

SCALE

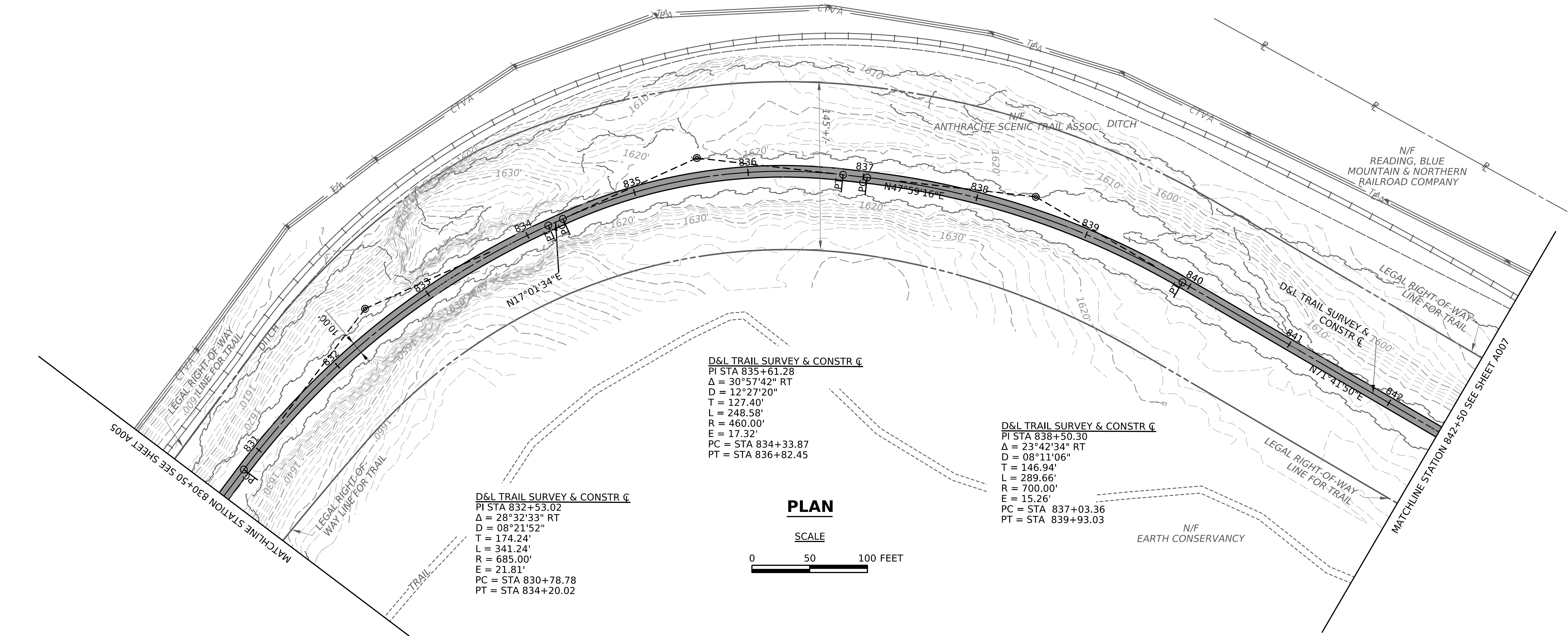


LEGEND

- PROPOSED TRAIL
- SPLIT RAIL FENCE

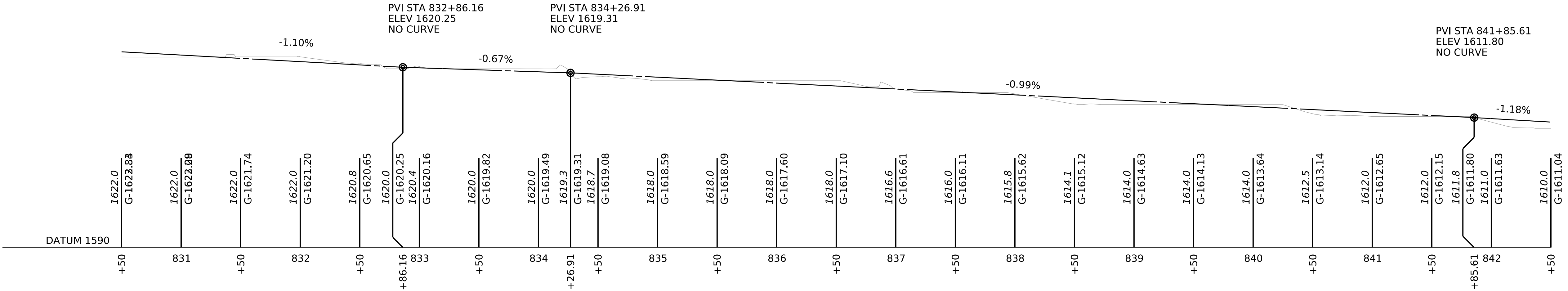
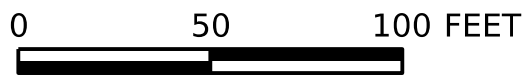
OPERATOR: scostajliola
FILE NAME: X:\SCR-2015402.01_ASTA Trail-Mile 7\03_Oliver Mills Trail\Oliver Mills Trail\Plans\01_Constr\40ASTA_C01-007-PLAN.dgn
PLOT: 11-MAR-2025 15:36
FILE NAME: X:\SCR-2015402.01_ASTA Trail-Mile 7\03_Oliver Mills Trail\Oliver Mills Trail\Plans\01_Constr\40ASTA_C01-007-PLAN.dgn

DISTRICT	COUNTY	ROUTE	SECTION	SHEET	
4-0	LUZERNE	0000	MTM	6 OF	
FAIRVIEW TOWNSHIP/HANOVER TOWNSHIP/LAUREL RUN BOROUGH					
REV NO	REVISIONS			DATE	BY APPD



PLAN

SCALE



PROFILE

SCALE

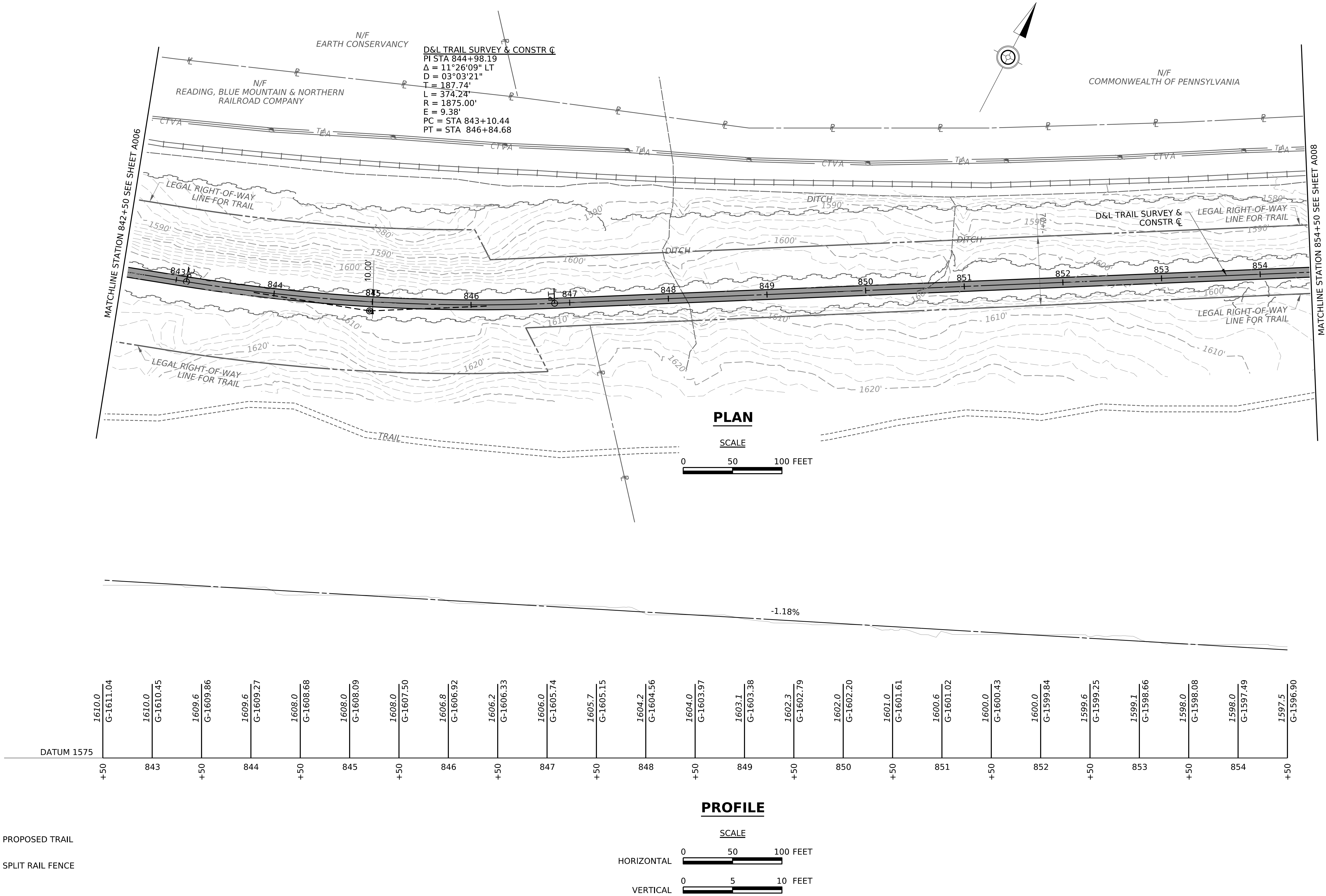


LEGEND

- PROPOSED TRAIL
- SPLIT RAIL FENCE

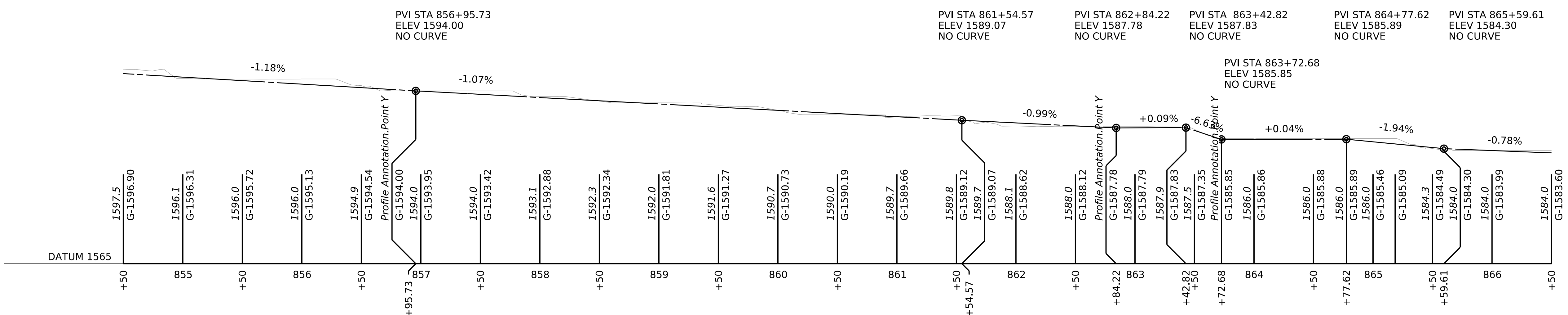
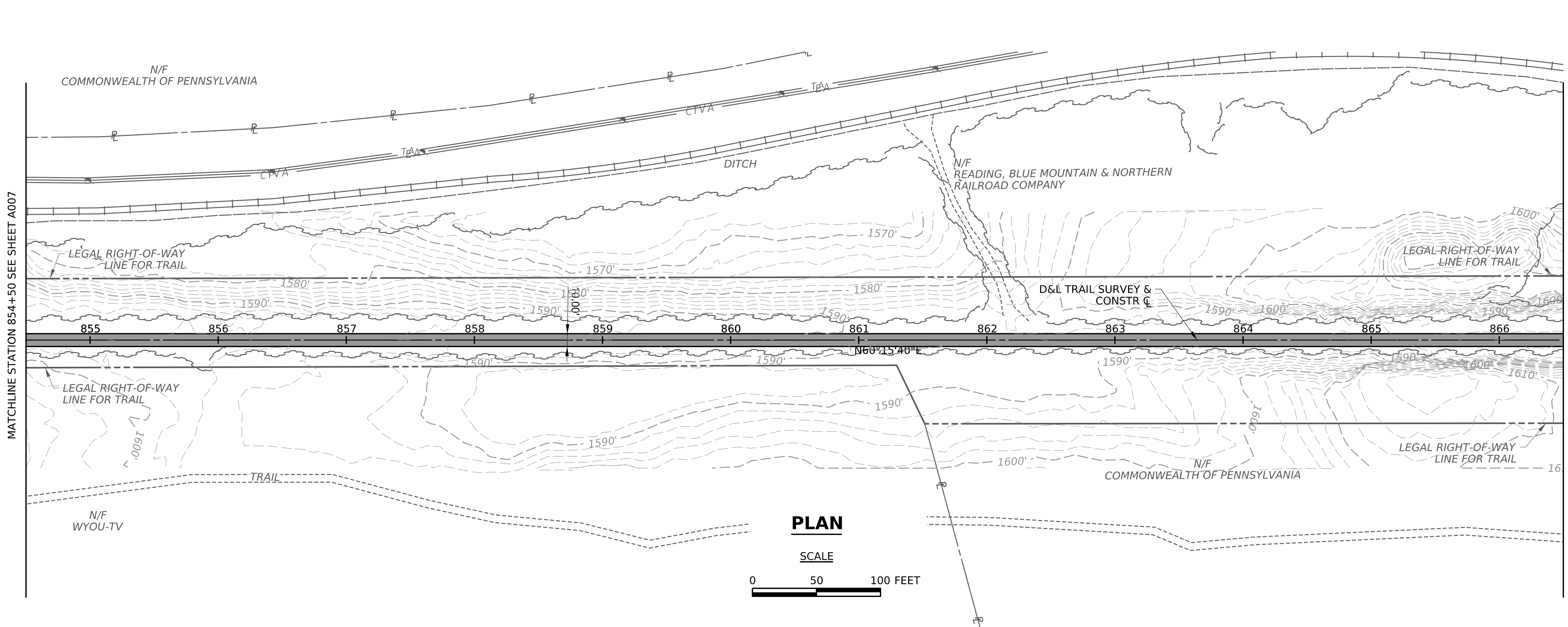
OPERATOR: scosta@ioliola
FILE NAME: X:\SCR-2015402.01_ASTA Trail-Mile 7\03_Oliver Mills Trail\Oliver Mills Trail\Plans\01_Constr\40ASTA_C01-007-PLAN.dgn
PLOTTER: 11-MAR-2025 15:36
FILE NAME: X:\SCR-2015402.01_ASTA Trail-Mile 7\03_Oliver Mills Trail\Oliver Mills Trail\Plans\01_Constr\40ASTA_C01-007-PLAN.dgn

DISTRICT	COUNTY	ROUTE	SECTION	SHEET		
4-0	LUZERNE	0000	MTM	7 OF		
FAIRVIEW TOWNSHIP/HANOVER TOWNSHIP/LAUREL RUN BOROUGH						
REV NO	REVISIONS			DATE	BY	APPD



OPERATOR: scostadjiola
FILE NAME: X:\SCR-2015402.01_ASTA Trail-Mile 7\03_Oliver Mills Trail\Oliver Mills Trail\Plans\01_Constr\40ASTA_C01-007-PLAN.dgn
PLOTTED: 11-MAR-2025 15:36
FILE NAME: X:\SCR-2015402.01_ASTA Trail-Mile 7\03_Oliver Mills Trail\Oliver Mills Trail\Plans\01_Constr\40ASTA_C01-007-PLAN.dgn

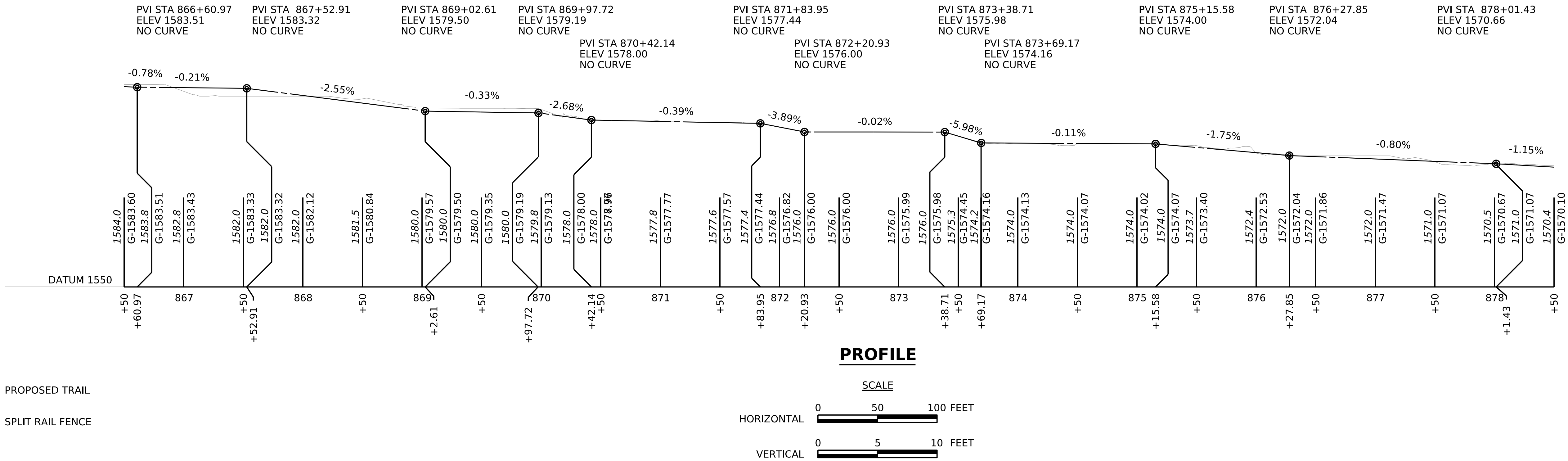
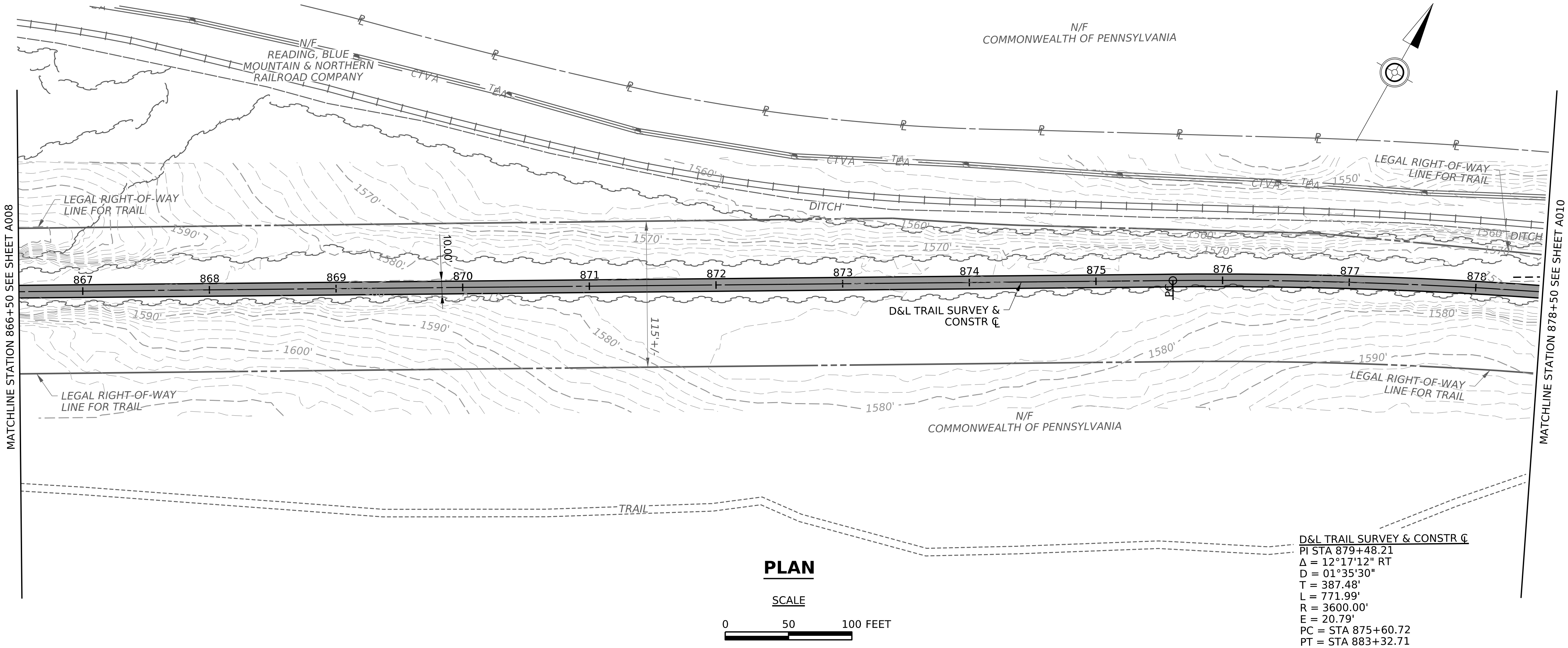
DISTRICT	COUNTY	ROUTE	SECTION	SHEET		
4-0	LUZERNE	0000	MTM	8 OF		
FAIRVIEW TOWNSHIP/HANOVER TOWNSHIP/LAUREL RUN BOROUGH						
REV NO	REVISIONS			DATE	BY	APPD



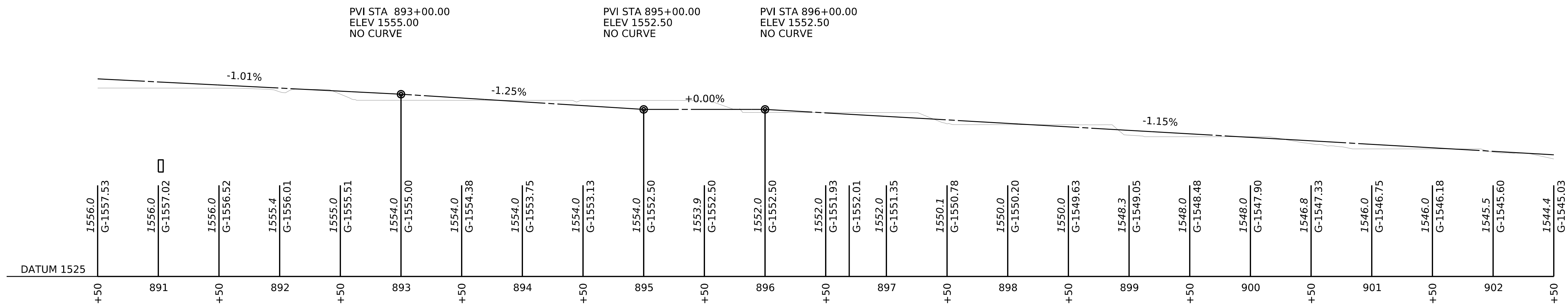
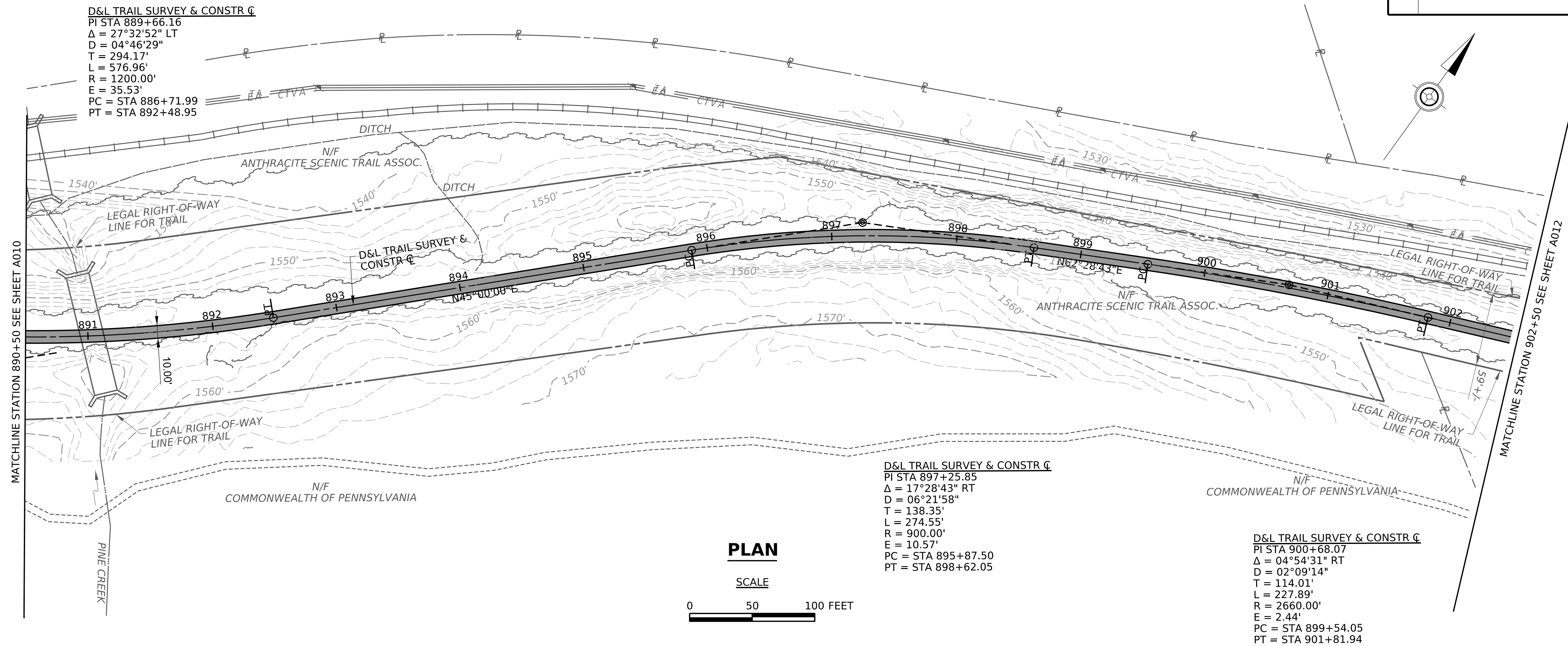
- LEGEND**
- PROPOSED TRAIL
 - SPLIT RAIL FENCE

OPERATOR: scosta@ioliola
FILE NAME: X:\SCR-2015402.01_ASTA Trail-Mile 7\03_Oliver Mills Trail\Oliver Mills Trail\Plans\01_Constr\40ASTA_C01-007-PLAN.dgn
FILE NAME: X:\SCR-2015402.01_ASTA Trail-Mile 7\03_Oliver Mills Trail\Oliver Mills Trail\Plans\01_Constr\40ASTA_C01-007-PLAN.dgn
PLOTTED: 11-MAR-2025 15:36

DISTRICT	COUNTY	ROUTE	SECTION	SHEET		
4-0	LUZERNE	0000	MTM	9 OF		
FAIRVIEW TOWNSHIP/HANOVER TOWNSHIP/LAUREL RUN BOROUGH						
REV NO	REVISIONS			DATE	BY	APPD

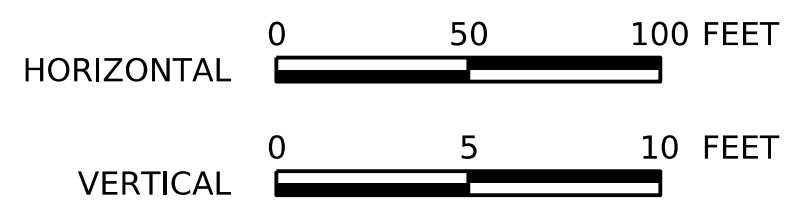


DISTRICT	COUNTY	ROUTE	SECTION	SHEET	
4-0	LUZERNE	0000	MTM	11	OF
FAIRVIEW TOWNSHIP/HANOVER TOWNSHIP/LAUREL RUN BOROUGH					
REV NO	REVISIONS		DATE	BY	APPD



PROFILE

SCALE



LEGEND

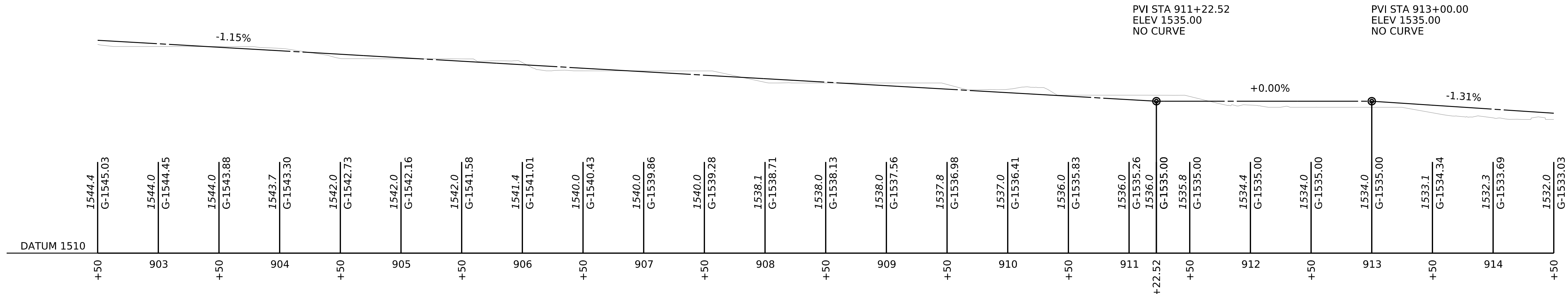
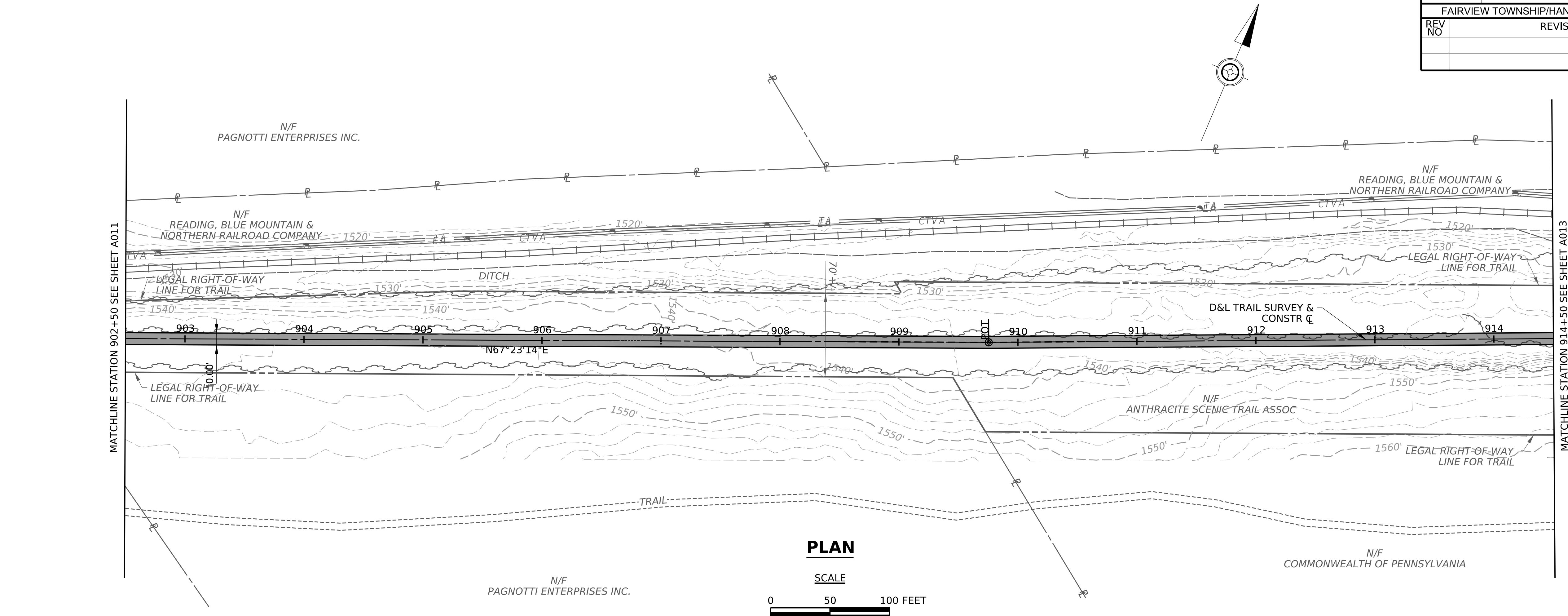
 PROPOSED TRAIL

—x—x— SPLIT RAIL FENCE

OPERATOR: scostagliola
FILE NAME: X:\ISCR-2015402.01_ASTA Trail-Mile 71.03_Oliver Mills Trail\Plans\01_Constr\40ASTA_C01-007-PLAN.dgn
FILE NAME: X:\ISCR-2015402.01_ASTA Trail-Mile 71.03_Oliver Mills Trail\Plans\01_Constr\40ASTA_C01-007-PLAN.dgn
PLOTTED: 11-MAR-2025 15:36
GREENMAN-PEDERSEN, INC.

OPERATOR: scosta@ioliola
FILE NAME: X:\SCR-2015402.01_ASTA Trail-Mile 7\03_Oliver Mills Trail\Oliver Mills Trail\Plans\01_Constr\40ASTA_C01-007-PLAN.dgn
PLOTTED: 11-MAR-2025 15:36
FILE NAME: X:\SCR-2015402.01_ASTA Trail-Mile 7\03_Oliver Mills Trail\Oliver Mills Trail\Plans\01_Constr\40ASTA_C01-007-PLAN.dgn

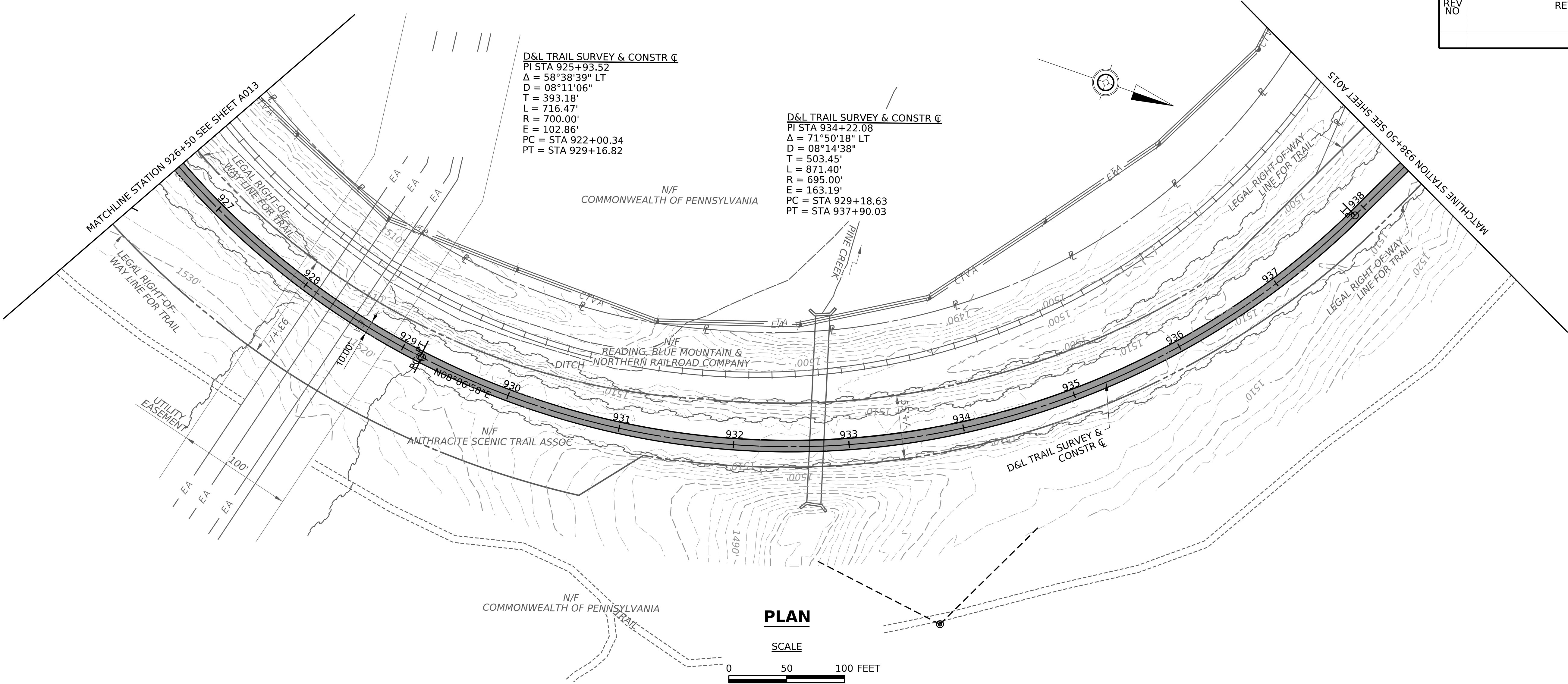
DISTRICT	COUNTY	ROUTE	SECTION	SHEET		
4-0	LUZERNE	0000	MTM	12 OF		
FAIRVIEW TOWNSHIP/HANOVER TOWNSHIP/LAUREL RUN BOROUGH						
REV NO	REVISIONS			DATE	BY	APPD



- LEGEND**
- PROPOSED TRAIL
 - SPLIT RAIL FENCE

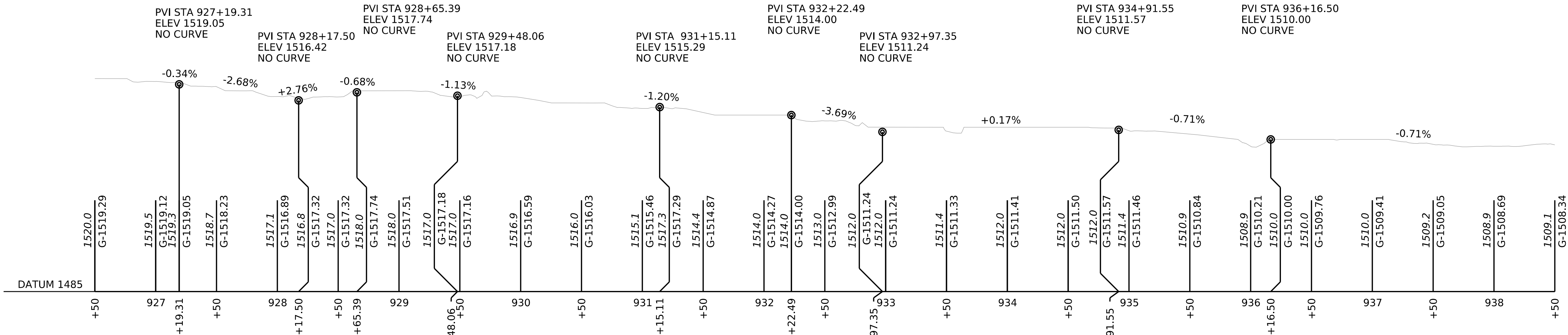
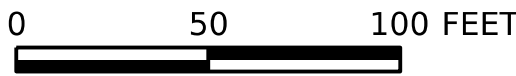
OPERATOR: scostadjiola
FILE NAME: X:\SCR-2015402.01_ASTA Trail-Mile 7\03_Oliver Mills Trail\Oliver Mills Trail\Plans\01_Constr\40ASTA_C01-007-PLAN.dgn
PLOTTED: 11-MAR-2025 15:36

DISTRICT	COUNTY	ROUTE	SECTION	SHEET		
4-0	LUZERNE	0000	MTM	14 OF		
FAIRVIEW TOWNSHIP/HANOVER TOWNSHIP/LAUREL RUN BOROUGH						
REV NO	REVISIONS			DATE	BY	APPD



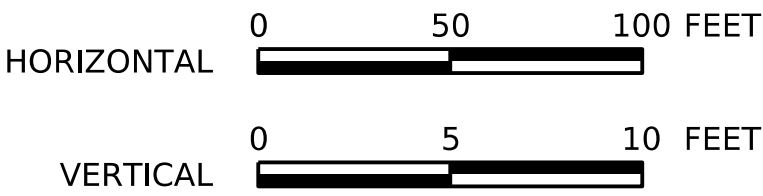
PLAN

SCALE



PROFILE

SCALE

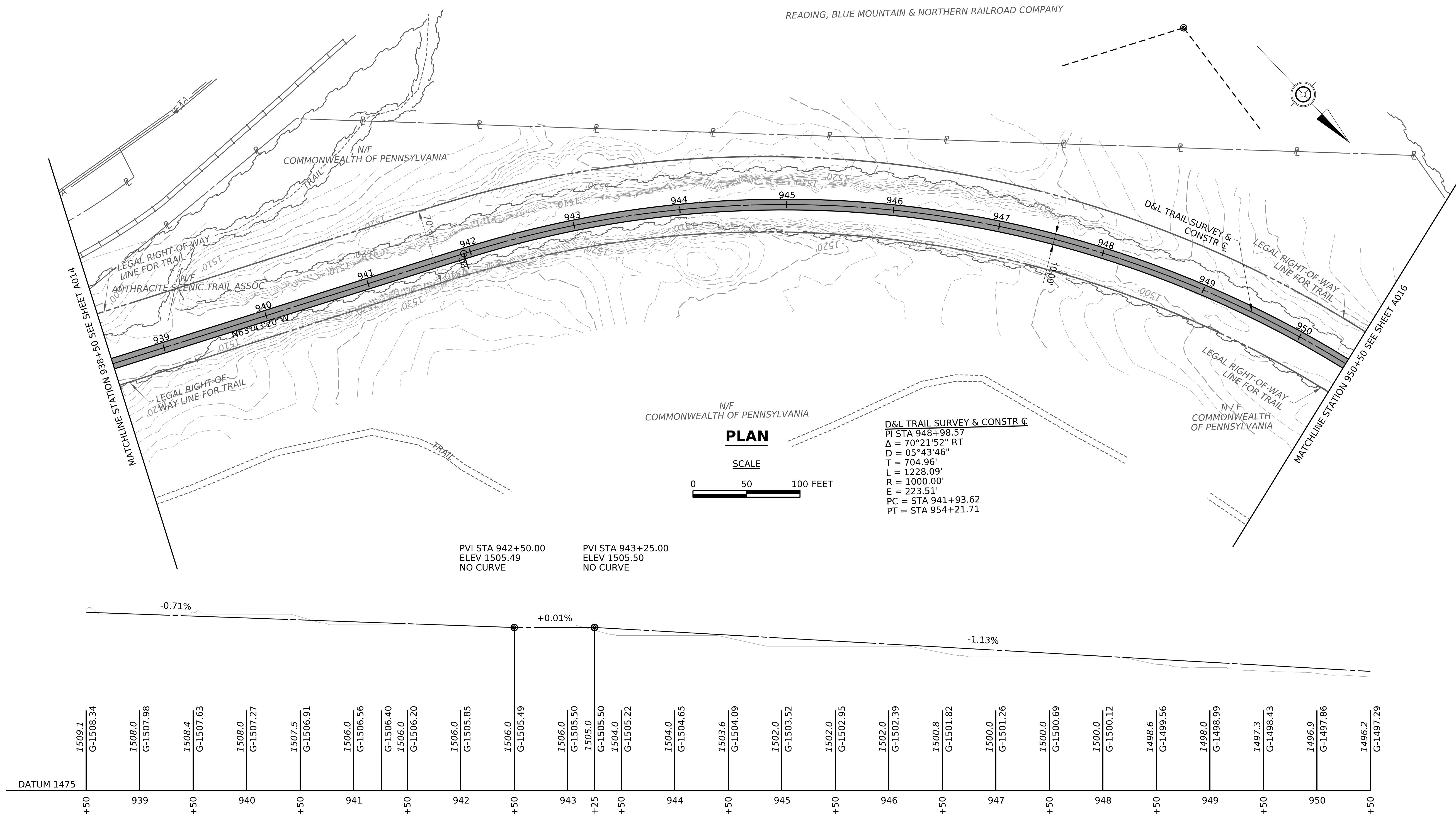


LEGEND

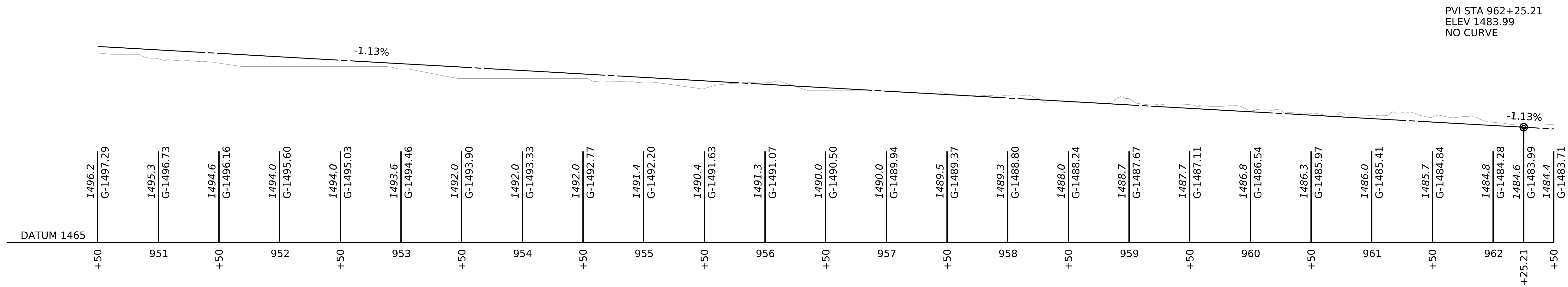
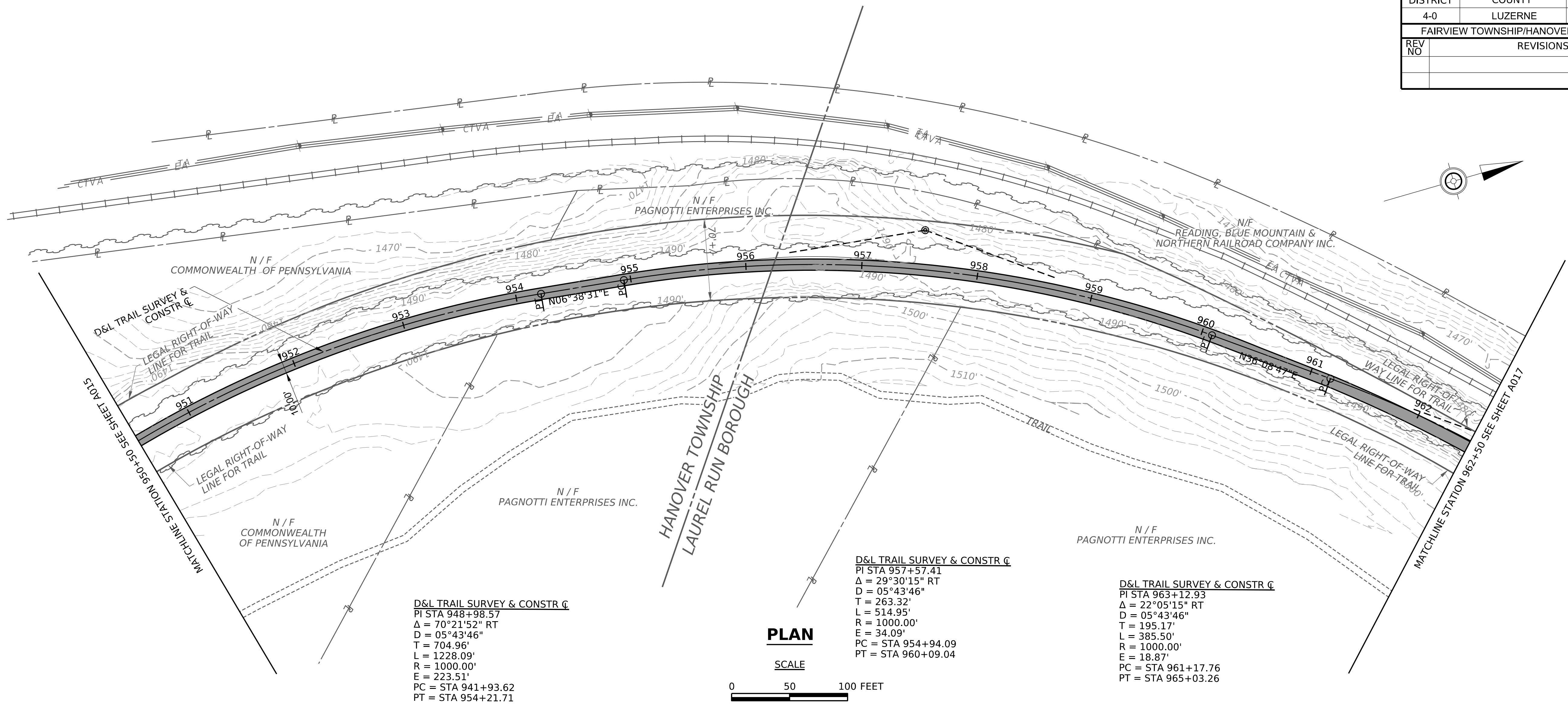
- PROPOSED TRAIL
- SPLIT RAIL FENCE

OPERATOR: scostadjiola
FILE NAME: X:\SCR-2015402.01_ASTA Trail\Mile 7\03_Oliver Mills Trail\Oliver Mills Trail\Plans\01_Constr\40ASTA_C01-007-PLAN.dgn
PLOTTED: 11-MAR-2025 15:37
FILE NAME: X:\SCR-2015402.01_ASTA Trail\Mile 7\03_Oliver Mills Trail\Oliver Mills Trail\Plans\01_Constr\40ASTA_C01-007-PLAN.dgn

DISTRICT	COUNTY	ROUTE	SECTION	SHEET		
4-0	LUZERNE	0000	MTM	15 OF		
FAIRVIEW TOWNSHIP/HANOVER TOWNSHIP/LAUREL RUN BOROUGH						
REV NO	REVISIONS			DATE	BY	APPD



DISTRICT	COUNTY	ROUTE	SECTION	SHEET	
4-0	LUZERNE	0000	MTM	16 OF	
FAIRVIEW TOWNSHIP/HANOVER TOWNSHIP/LAUREL RUN BOROUGH					
REV NO	REVISIONS			DATE	BY APPD



LEGEND

 PROPOSED TRAIL

 SPLIT RAIL FENCE

PROFILE

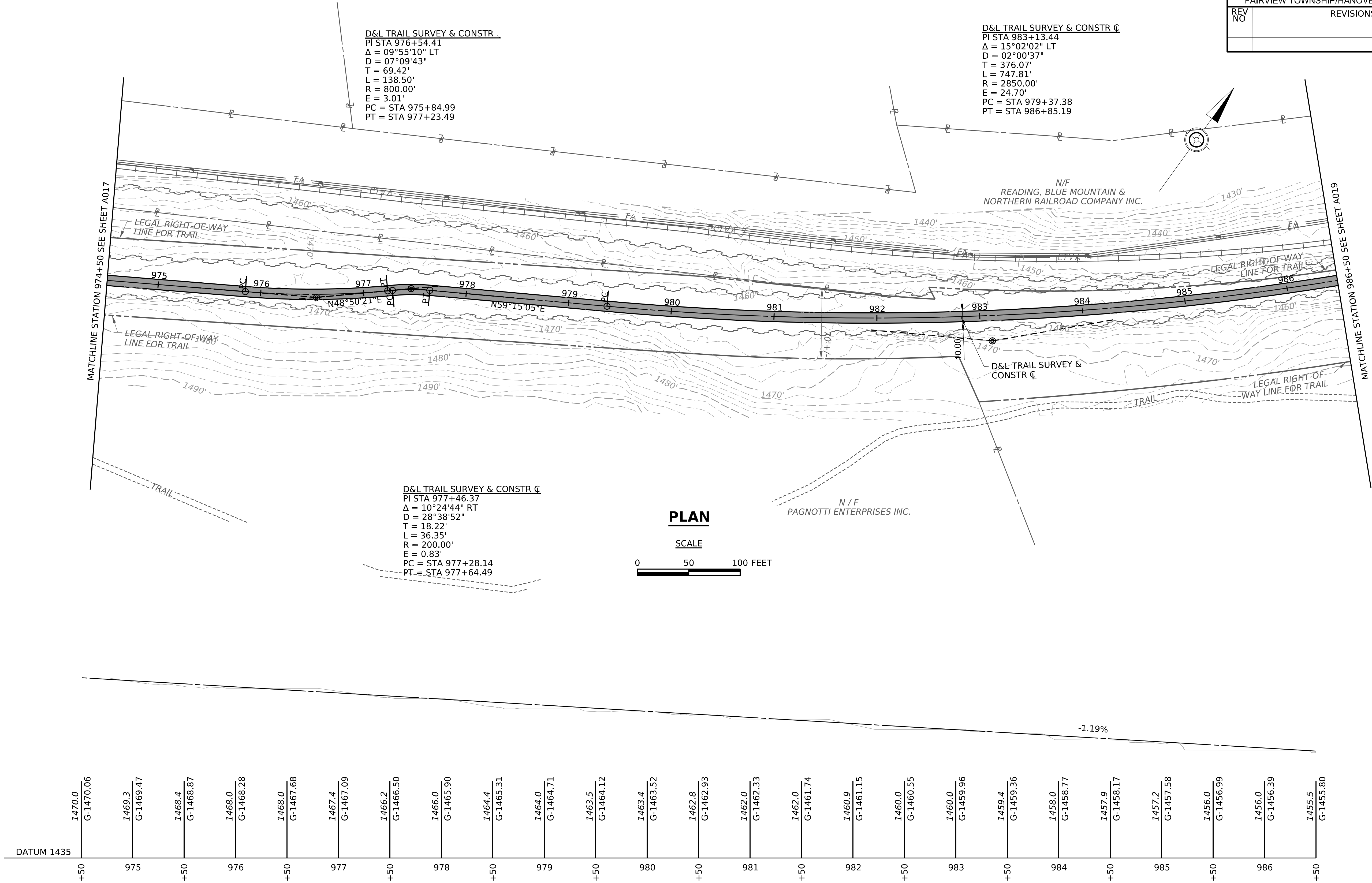
SCALE

HORIZONTAL 0 50 100 FEET

VERTICAL 0 5 10 FEET

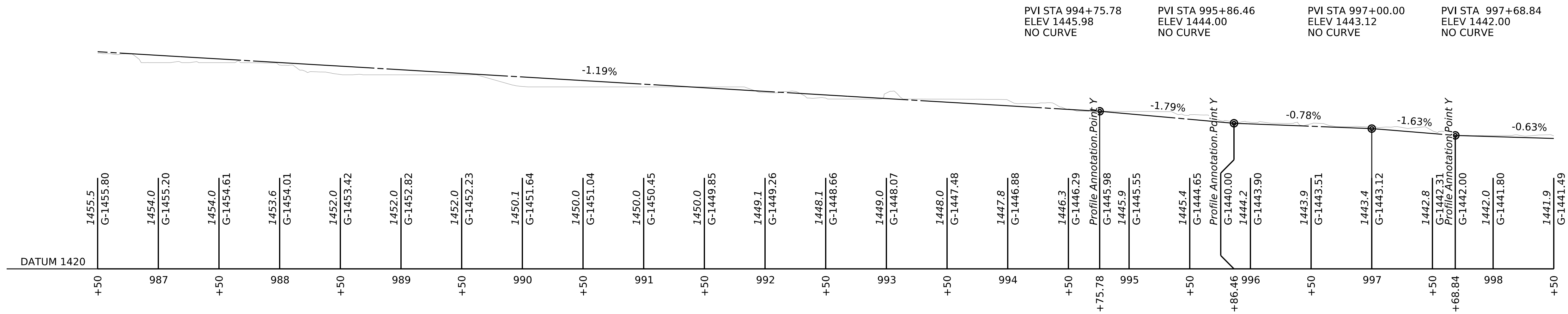
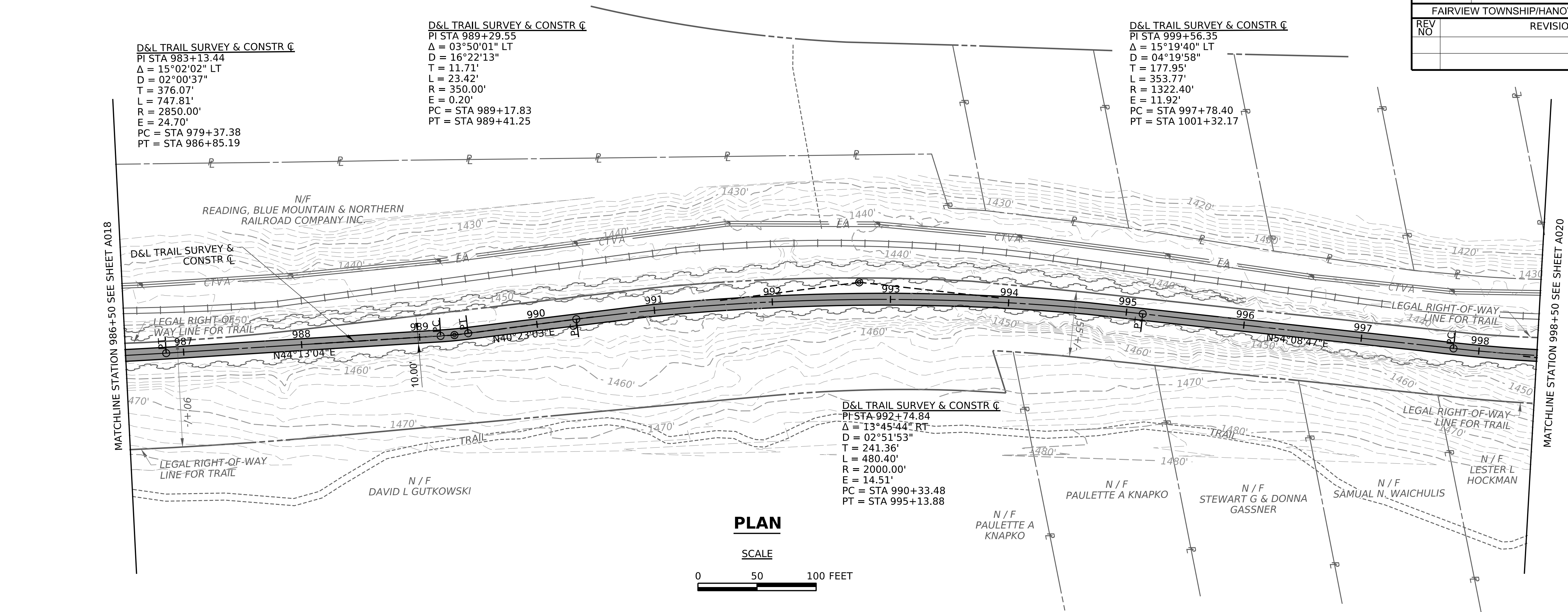
OPERATOR: scosta@ioliola
FILE NAME: X:\SCR-2015402.01_ASTA Trail-Mile 7\03_Oliver Mills Trail\Oliver Mills Trail\Plans\01_Constr\40ASTA_C01-007-PLAN.dgn
PLOTTED: 11-MAR-2025 15:37
FILE NAME: X:\SCR-2015402.01_ASTA Trail-Mile 7\03_Oliver Mills Trail\Oliver Mills Trail\Plans\01_Constr\40ASTA_C01-007-PLAN.dgn

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
4-0	LUZERNE	0000	MTM	18 OF
FAIRVIEW TOWNSHIP/HANOVER TOWNSHIP/LAUREL RUN BOROUGH				
REV NO	REVISIONS	DATE	BY	APPD



OPERATOR: scosta@jola
FILE NAME: X:\SCR-2015402.01_ASTA Trail-Mile 7\03_Oliver Mills Trail\Oliver Mills Trail\Plans\01_Constr\40ASTA_C01-007-PLAN.dgn
PLOTTED: 11-MAR-2025 15:37
FILE NAME: X:\SCR-2015402.01_ASTA Trail-Mile 7\03_Oliver Mills Trail\Oliver Mills Trail\Plans\01_Constr\40ASTA_C01-007-PLAN.dgn

DISTRICT	COUNTY	ROUTE	SECTION	SHEET		
4-0	LUZERNE	0000	MTM	19 OF		
FAIRVIEW TOWNSHIP/HANOVER TOWNSHIP/LAUREL RUN BOROUGH						
REV NO	REVISIONS			DATE	BY	APPD

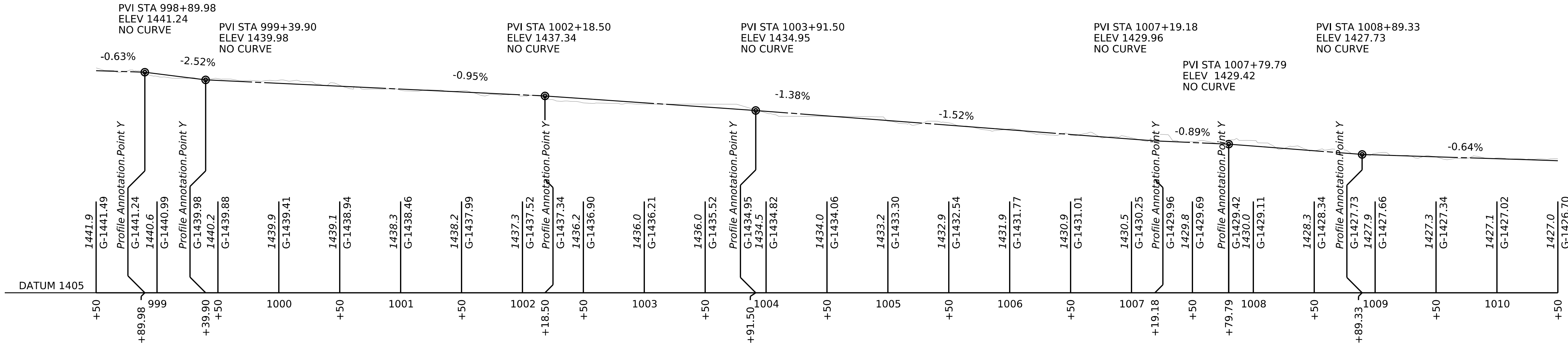
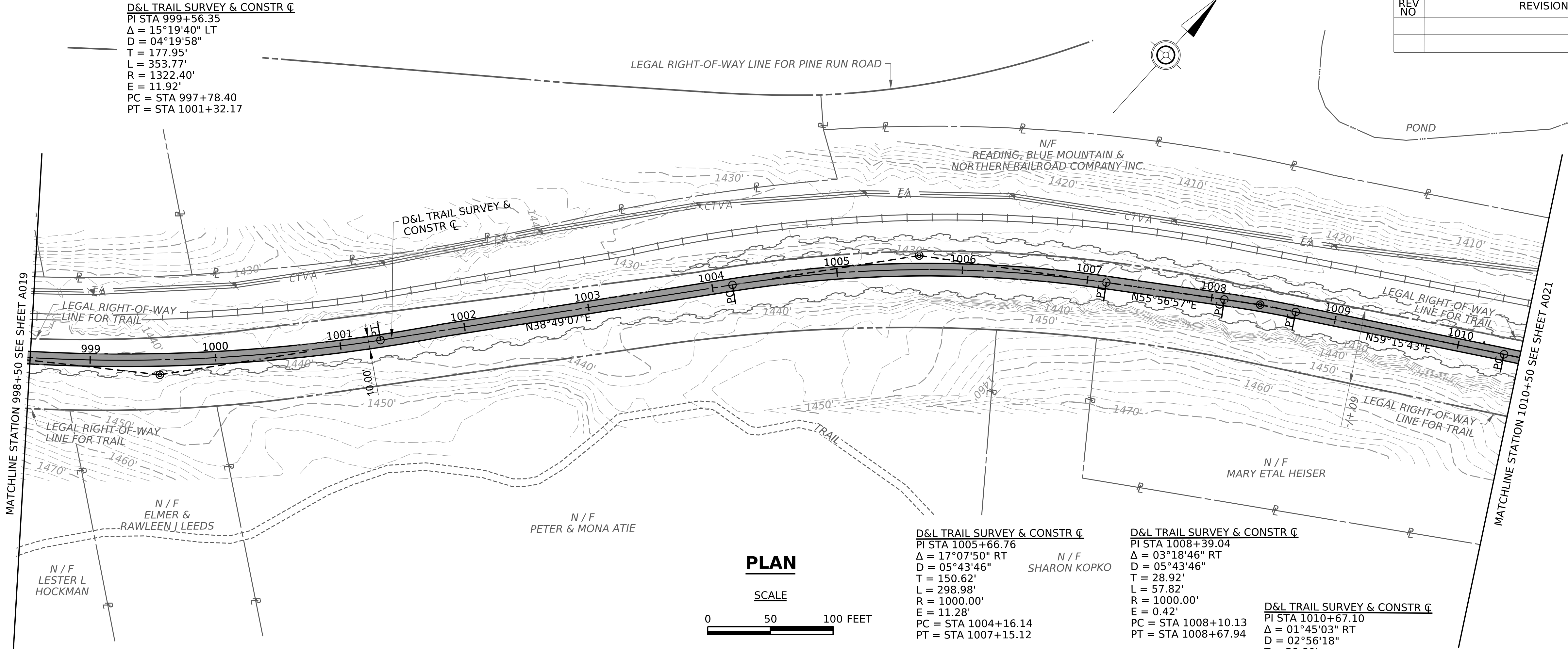


LEGEND

PROPOSED TRAIL

SPLIT RAIL FENCE

DISTRICT	COUNTY	ROUTE	SECTION	SHEET		
4-0	LUZERNE	0000	MTM	20	OF	
FAIRVIEW TOWNSHIP/HANOVER TOWNSHIP/LAUREL RUN BOROUGH						
REV NO	REVISIONS			DATE	BY	APPD



LEGEND

A horizontal number line with two points marked. The point on the left is labeled 'x' and the point on the right is labeled 'y'.

PROFILE

SCALE

HORIZONTAL

VERTICAL



0 5 10 FEET

OPERATOR: scostajdola
FILE NAME: X:\SCR-2015402.01_ASTA Trail\Mile 7\03_Oliver Mills Trail\Oliver Mills Trail\Plans\01 Constr\40ASTA_C01-007-PLAN.dgn
FILE NAME: X:\SCR-2015402.01_ASTA Trail\Mile 7\03_Oliver Mills Trail\Oliver Mills Trail\Plans\01 Constr\40ASTA_C01-007-PLAN.dgn
PLOTTED: 11-MAR-2025 15:37
GREENMAN-PEDERSEN, INC.

OPERATOR: scostaqliola

OPERATOR: scosta@ioliola
FILE NAME: X:\SCR-2015402.01_ASTA Trail-Mile 7\03_Oliver Mills Trail\Oliver Mills Trail\Plans\01_Constr\40ASTA_C01-007-PLAN.dgn
PLOTTED: 11-MAR-2025 15:37
FILE NAME: X:\SCR-2015402.01_ASTA Trail-Mile 7\03_Oliver Mills Trail\Oliver Mills Trail\Plans\01_Constr\40ASTA_C01-007-PLAN.dgn

DISTRICT	COUNTY	ROUTE	SECTION	SHEET	
4-0	LUZERNE	0000	MTM	21 OF	
FAIRVIEW TOWNSHIP/HANOVER TOWNSHIP/LAUREL RUN BOROUGH					
REV NO	REVISIONS			DATE	BY APPD

