

ATTACHMENT 10

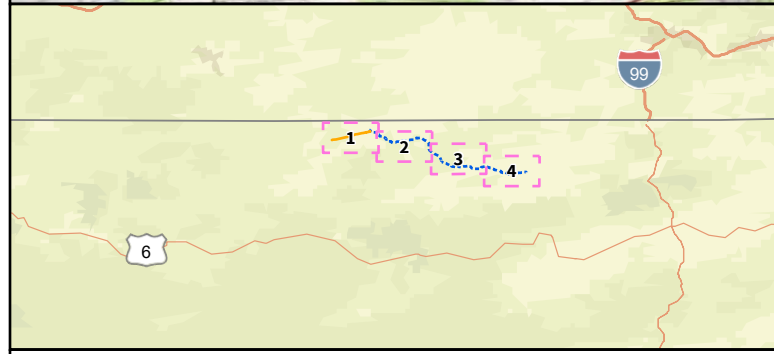
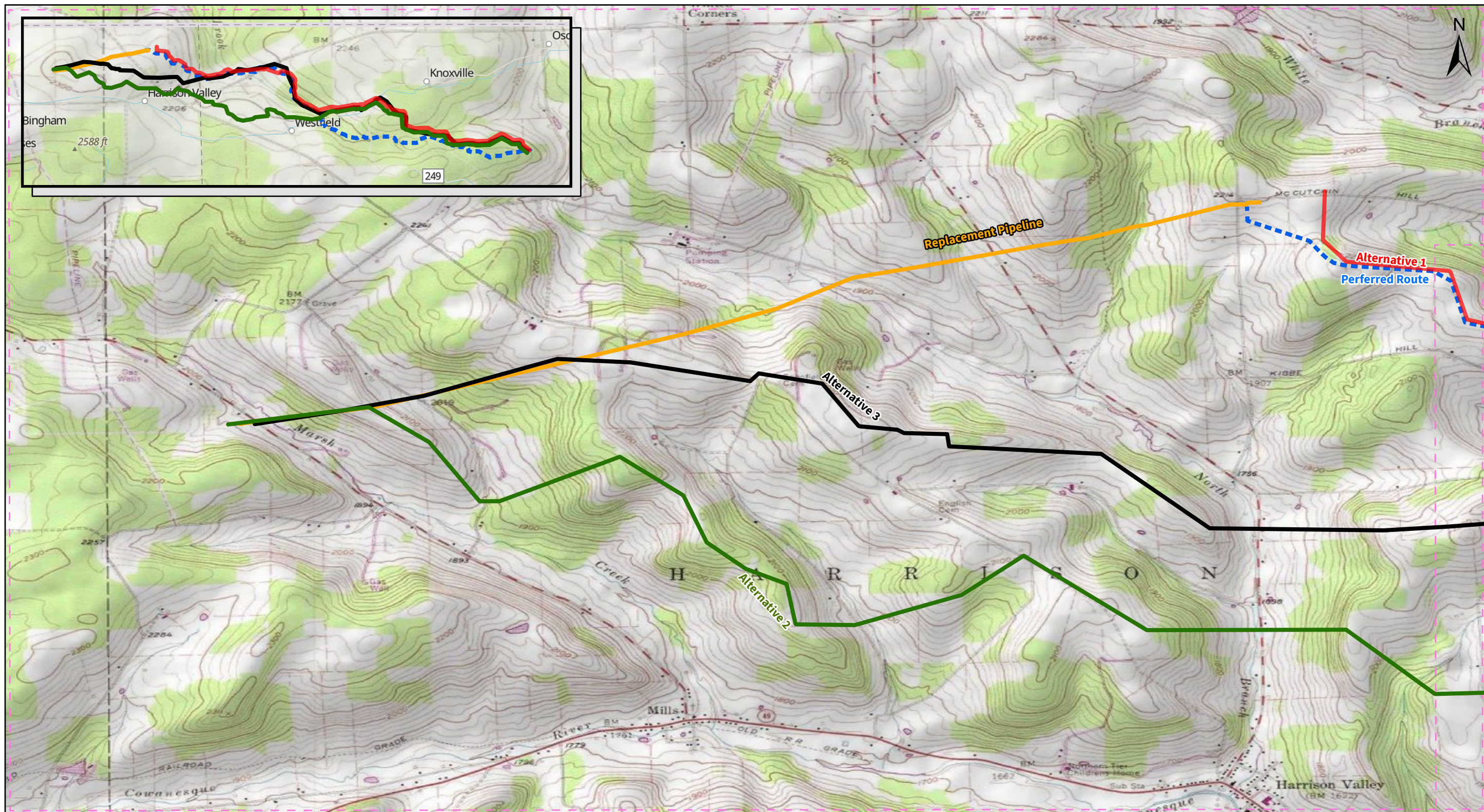
ENVIRONMENTAL ASSESSMENT FORM

Appendix C: Figures

Figure S3.F-1 Major Alternatives

Figure S3.F-2 Minor Route Variations and Deviations

Figure S4.B Riparian Planting Areas



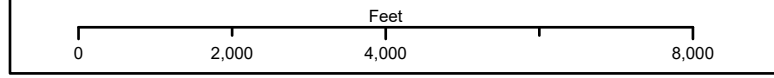
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- — — Preferred Route
- Replacement Pipeline
- Alternative 1
- Alternative 2
- Alternative 3
- Sheet Boundary

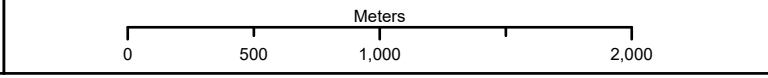
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Major Alternatives
Sheet 1 of 4
Potter and Tioga Counties, Pennsylvania

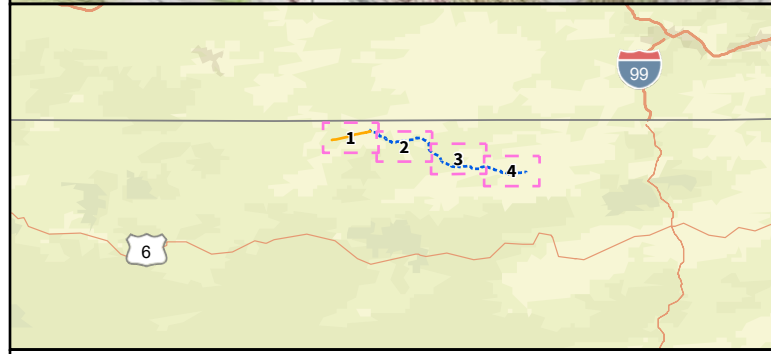
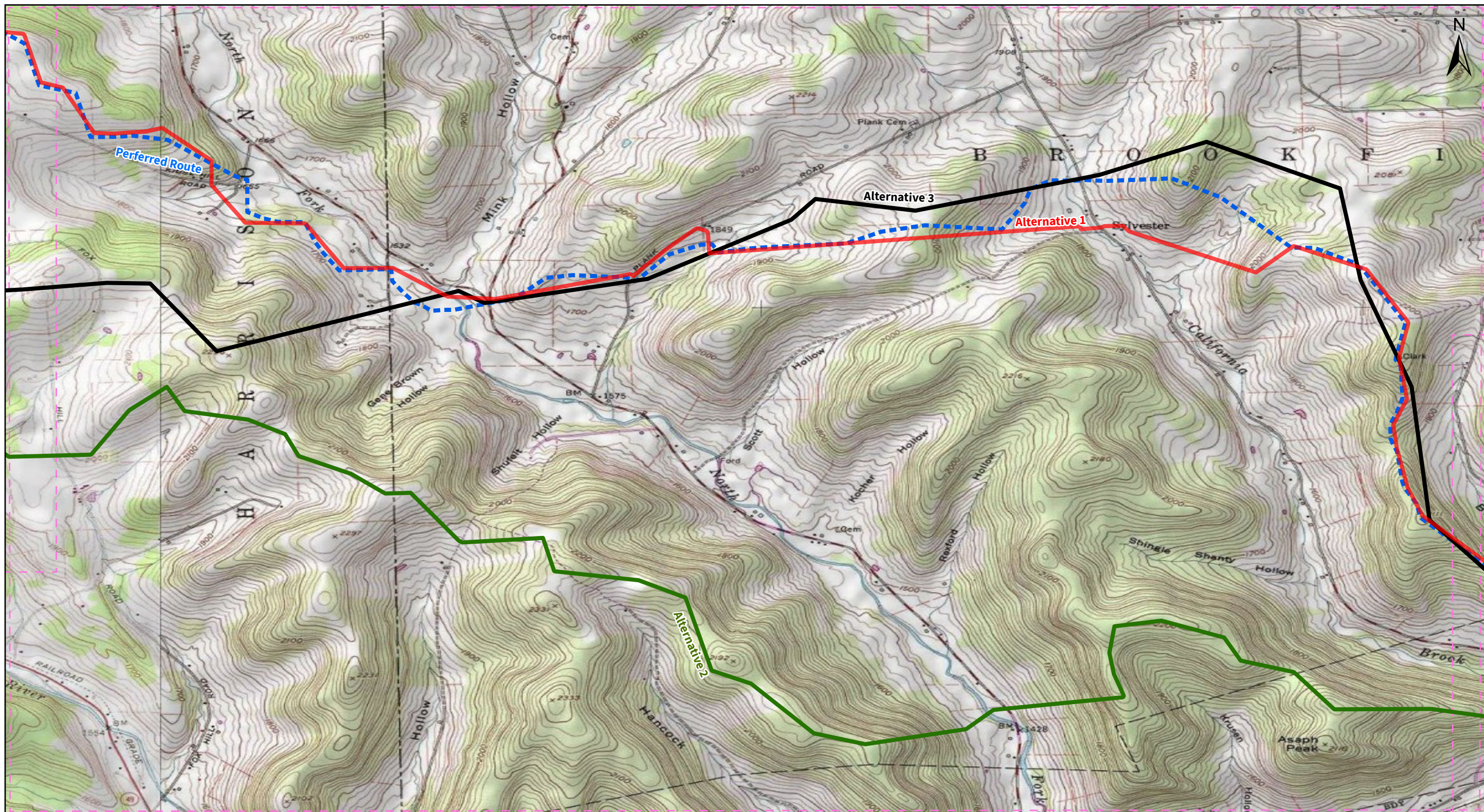
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Supply Corporation

Prepared By: **TETRA TECH**



Basemap: ESRI, USGS Topographic (2023)





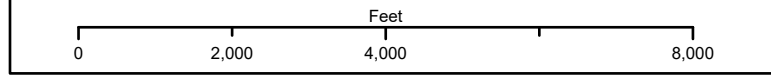
Legend

- ▬▬▬ Preferred Route
- ▬▬▬ Alternative 1
- ▬▬▬ Alternative 2
- ▬▬▬ Alternative 3
- ▬▬▬ Sheet Boundary

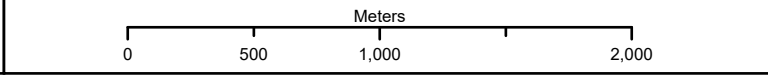
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Major Alternatives
Sheet 2 of 4
Potter and Tioga Counties, Pennsylvania

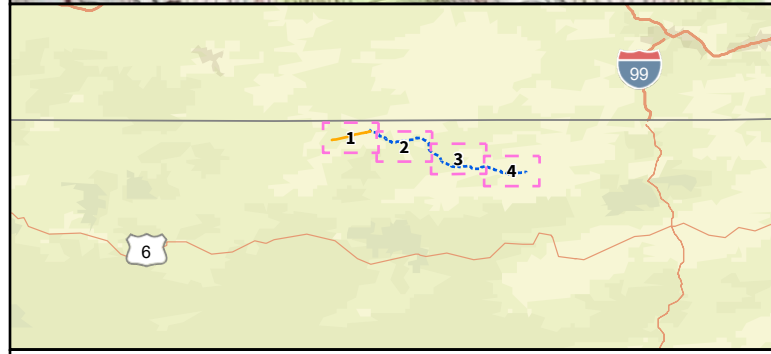
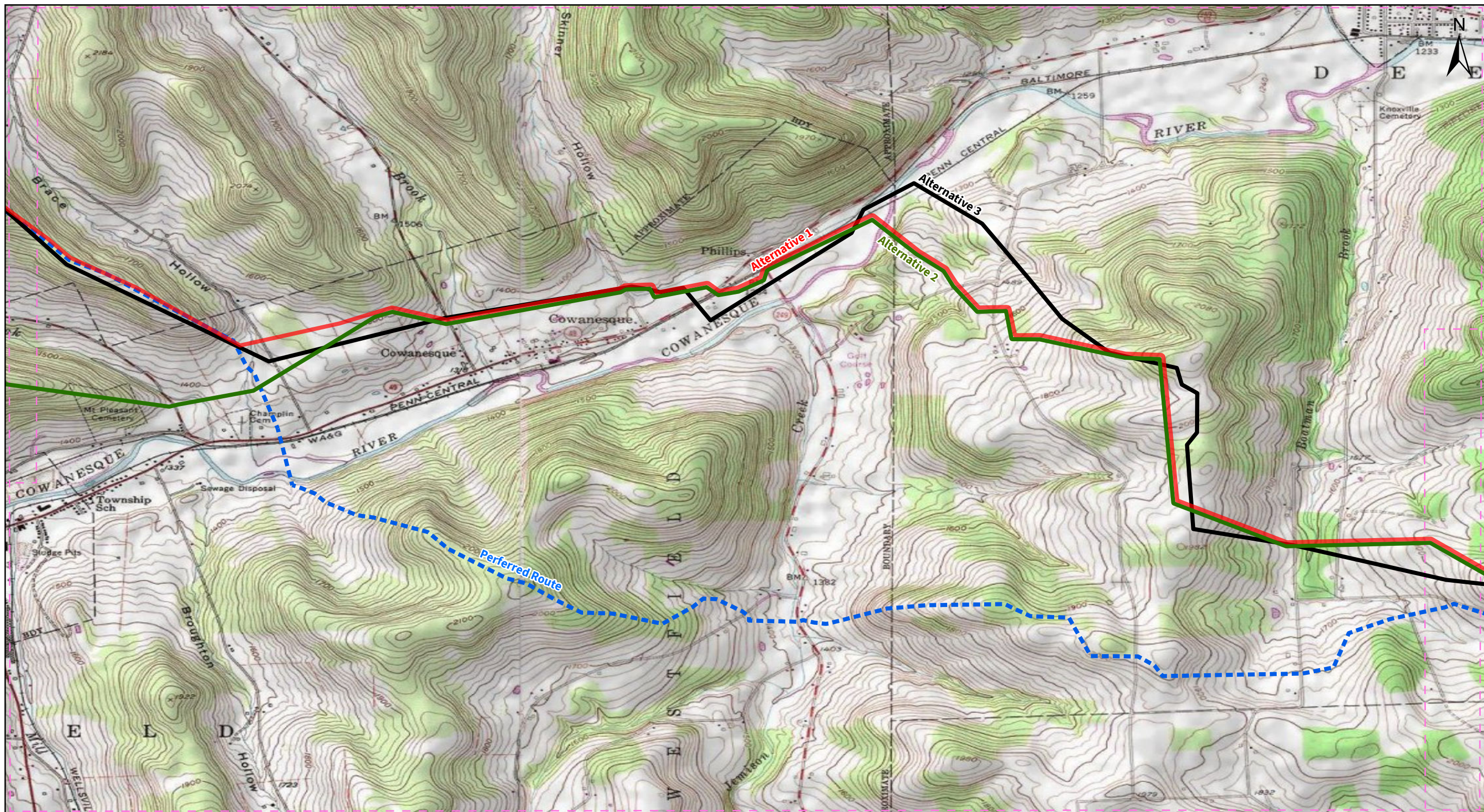
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Basemap: ESRI, USGS Topographic (2023)





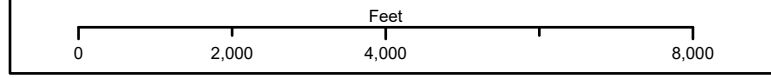
Legend

- - - Preferred Route
- Alternative 1
- Alternative 2
- Alternative 3
- - - Sheet Boundary

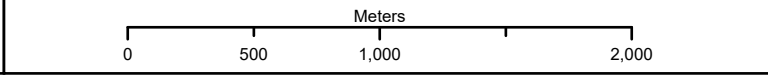
Figure S3.F-1
Major Alternatives
Sheet 3 of 4
Potter and Tioga Counties, Pennsylvania

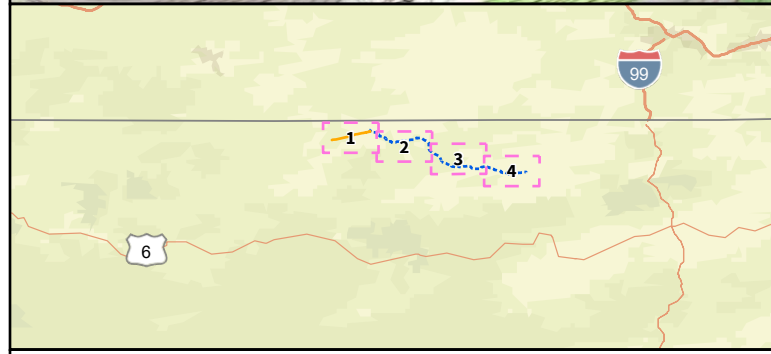
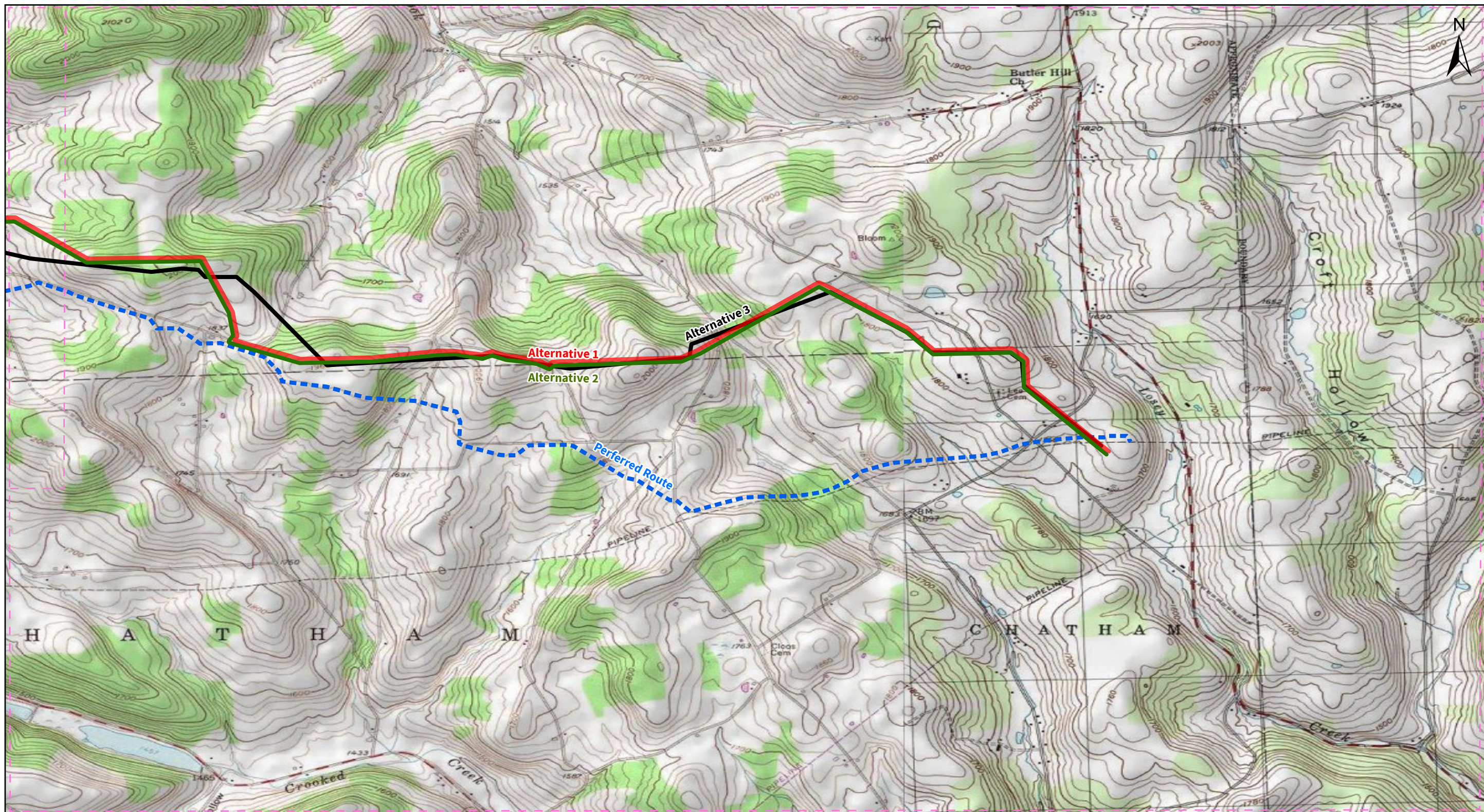
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Basemap: ESRI, USGS Topographic (2023)





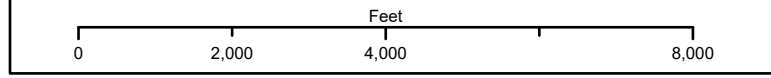
Legend

- - - Preferred Route
- Alternative 1
- Alternative 2
- Alternative 3
- - - Sheet Boundary

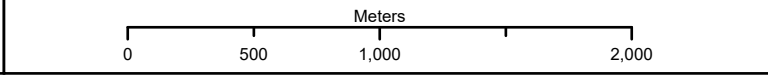
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Major Alternatives
Sheet 4 of 4
Potter and Tioga Counties, Pennsylvania

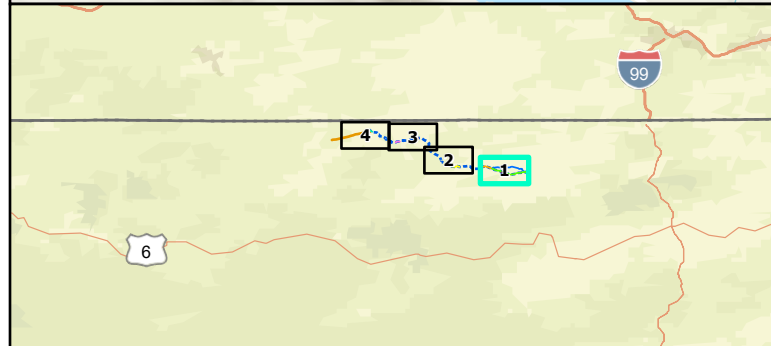
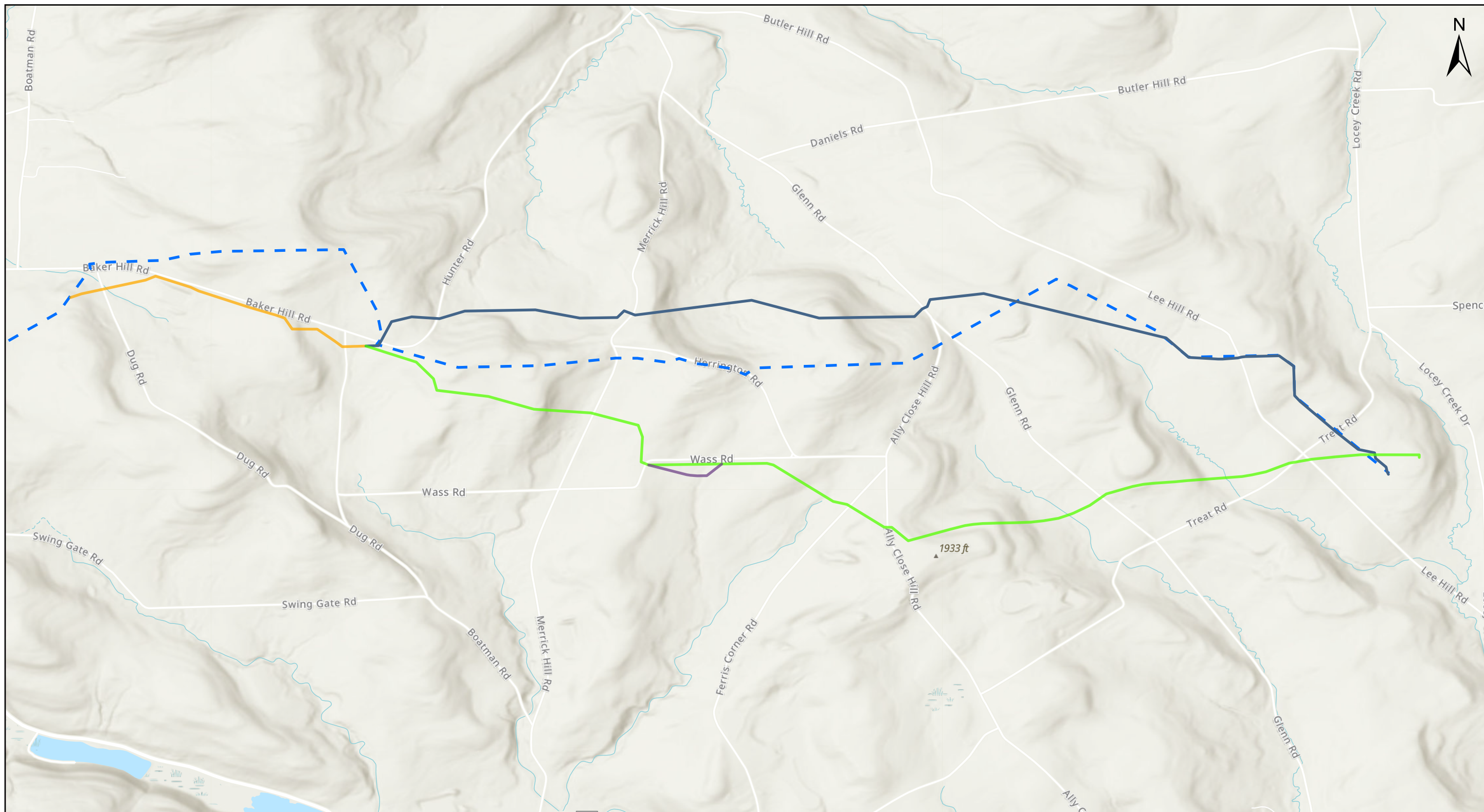
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Basemap: ESRI, USGS Topographic (2023)





Legend











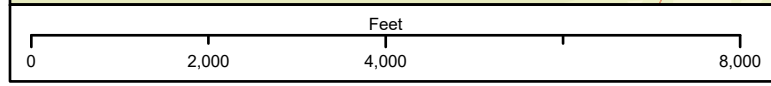
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 Route Variation 2	 Route Variation 8
 Route Variation 3	 Preliminary YM59 Route
 Route Variation 4	 Sheet Boundary
 Route Variation 5	
 Route Variation 6	

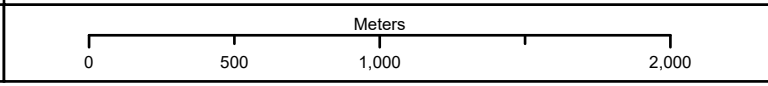
Figure S3.F-2
Route Variations and Deviations
Sheet 1 of 4
Potter and Tioga Counties, Pennsylvania

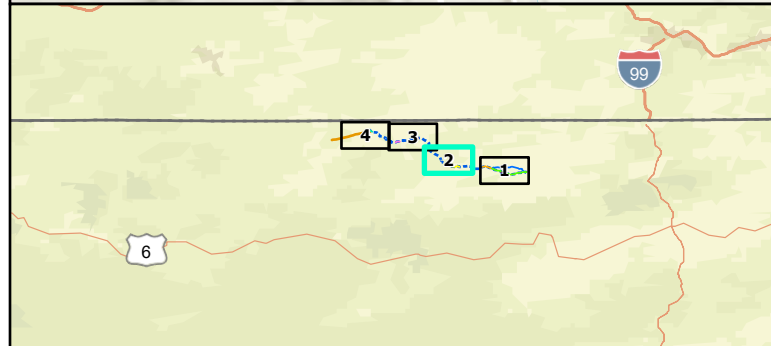
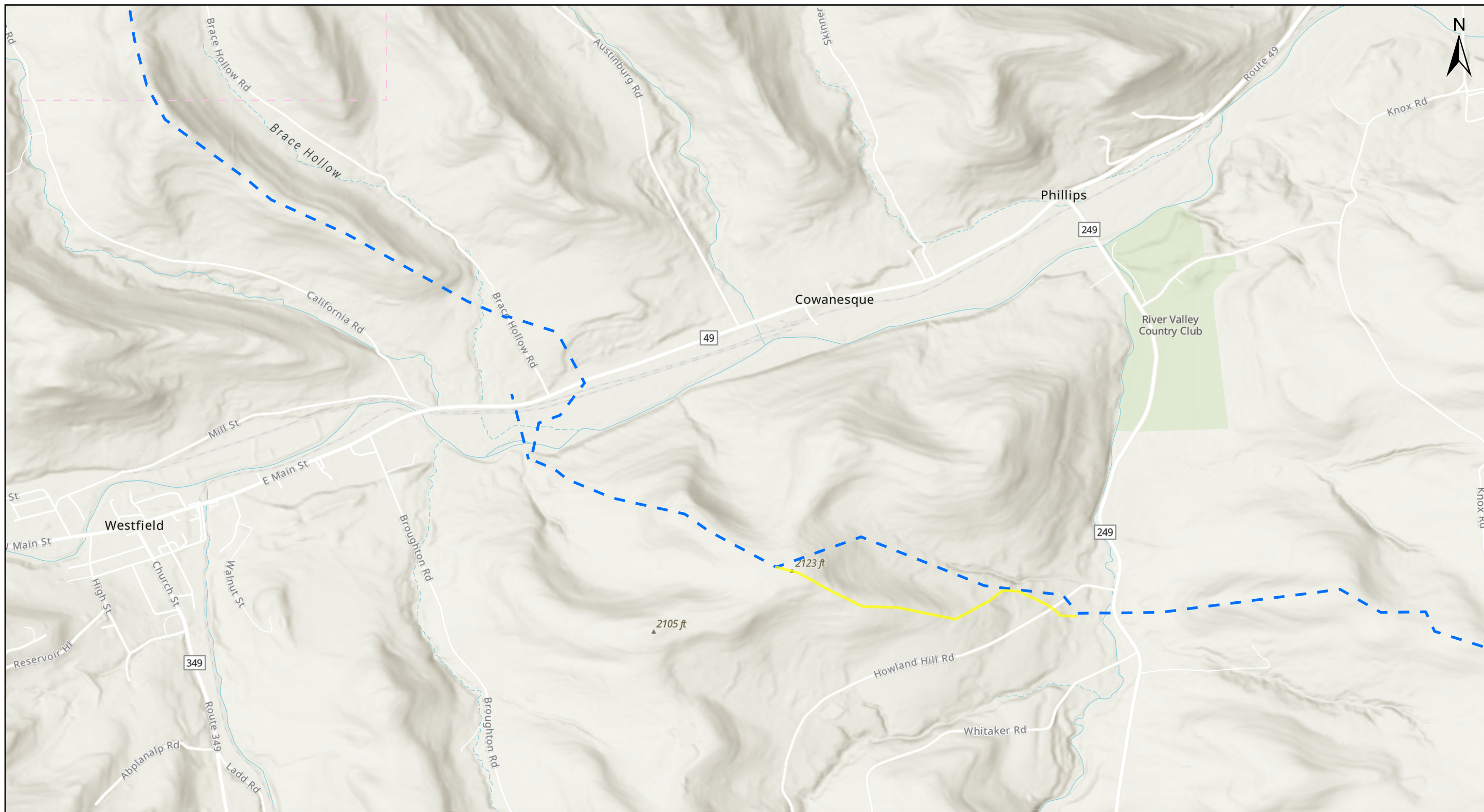
Prepared For: 

Prepared By: 



Basemap: ESRI, World Topographic (2023)





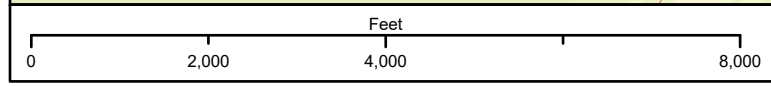
Legend

Route Variation 1	Route Variation 7
Route Variation 2	Route Variation 8
Route Variation 3	Proposed YM59 Pipeline
Route Variation 4	Preliminary YM59 Route
Route Variation 5	Sheet Boundary
Route Variation 6	

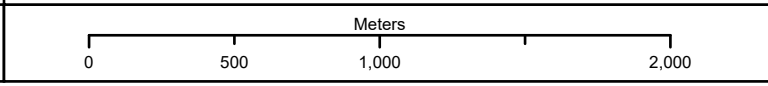
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Route Variations and Deviations
Sheet 2 of 4
Potter and Tioga Counties, Pennsylvania

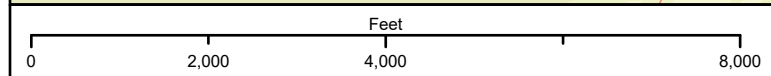
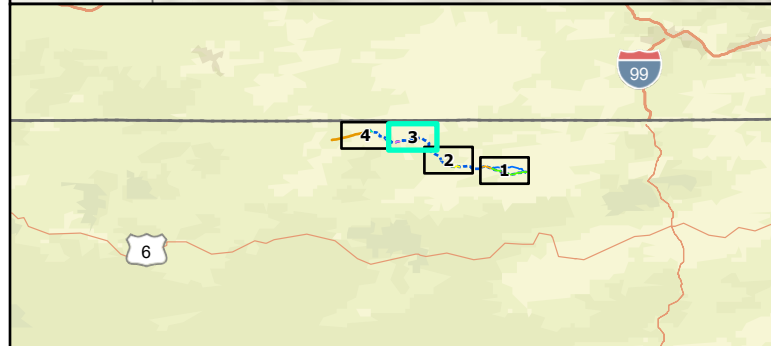
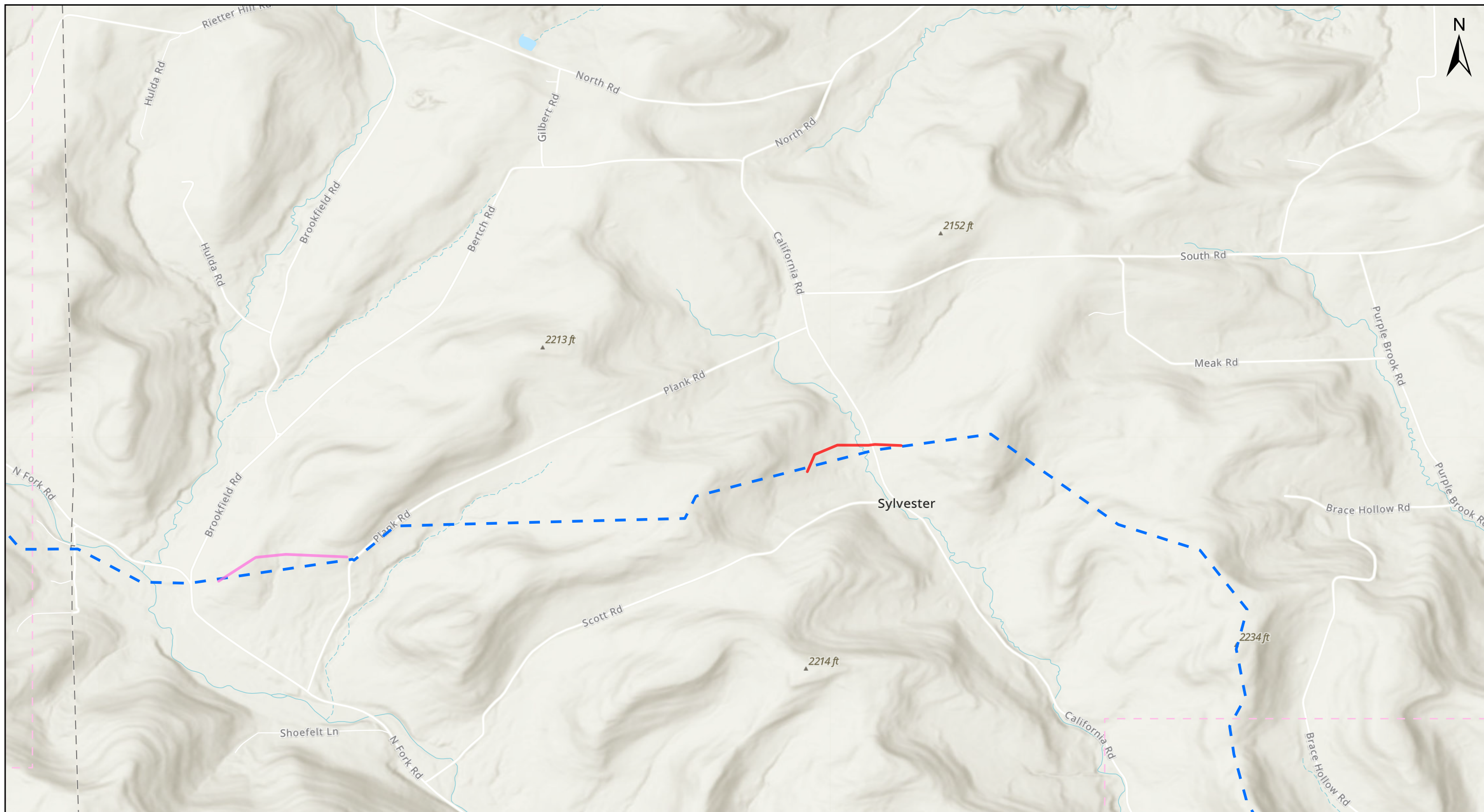
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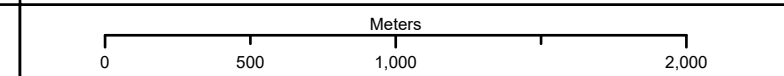
Legend	
— Route Variation 1	— Route Variation 7
— Route Variation 2	— Route Variation 8
— Route Variation 3	- - - Preliminary YM59 Route
— Route Variation 4	 Sheet Boundary
— Route Variation 5	
— Route Variation 6	

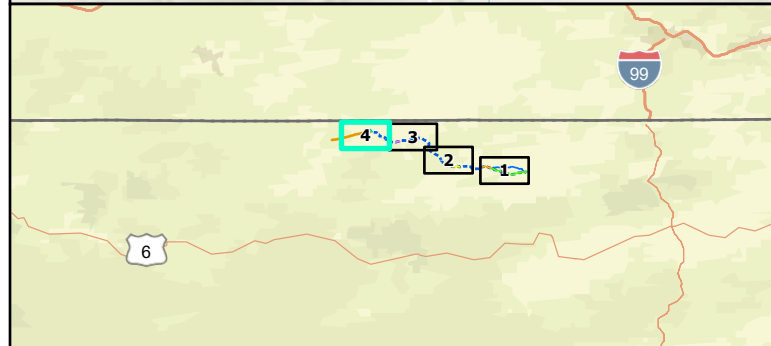
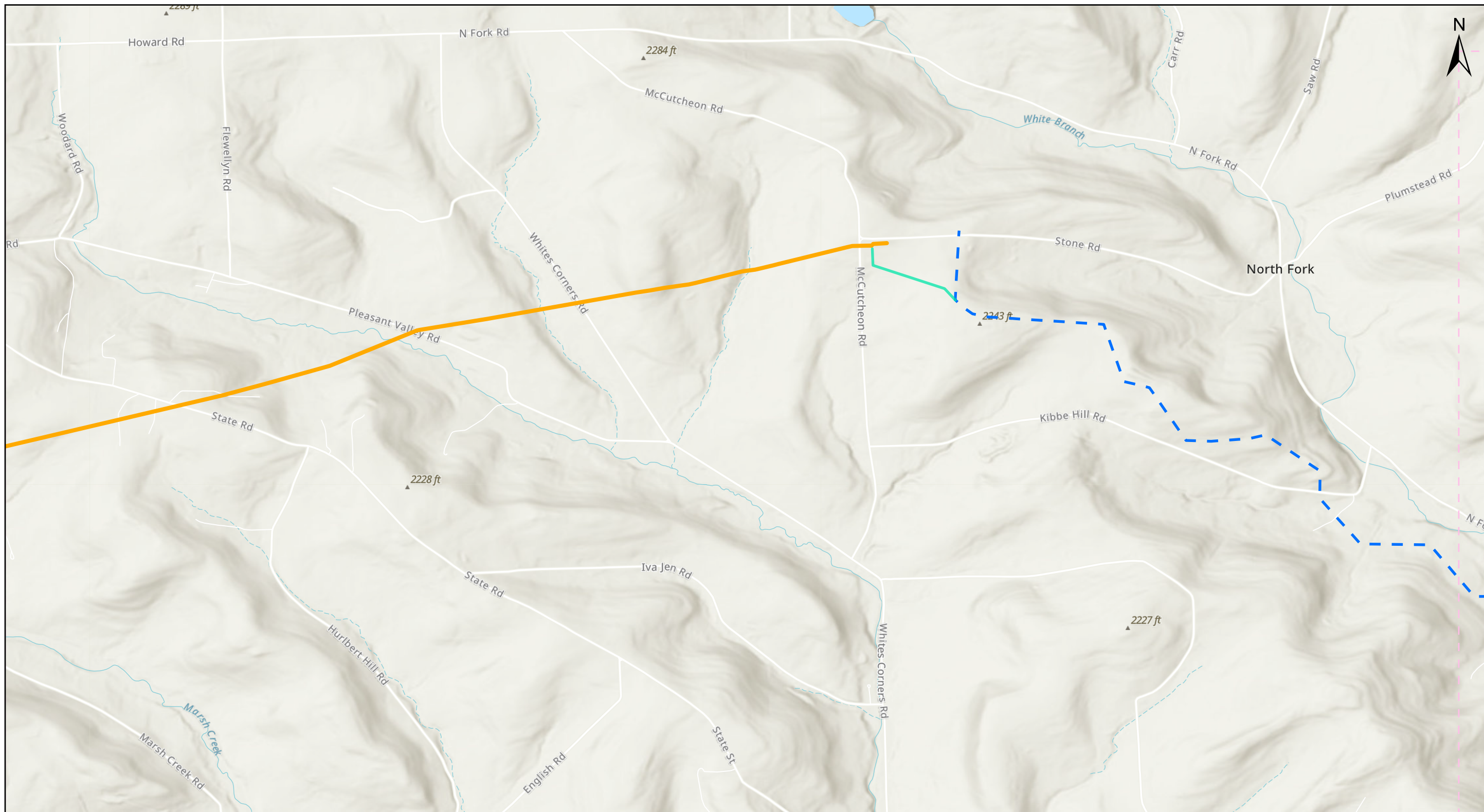
Basemap: ESRI, World Topographic (2023)

Figure S3.F-2
Route Variations and Deviations
Sheet 3 of 4
Potter and Tioga Counties, Pennsylvania

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Legend












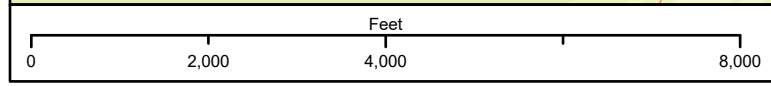
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 Route Variation 2	 Route Variation 8
 Route Variation 3	 Replacement Pipeline
 Route Variation 4	 Preliminary YM59 Route
 Route Variation 5	 Sheet Boundary
 Route Variation 6	

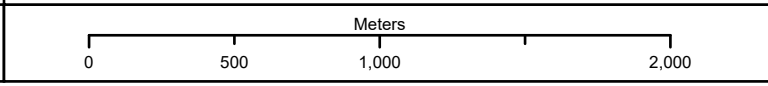
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Route Variations and Deviations
Sheet 4 of 4
Potter and Tioga Counties, Pennsylvania

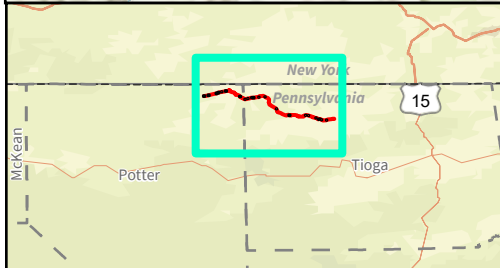
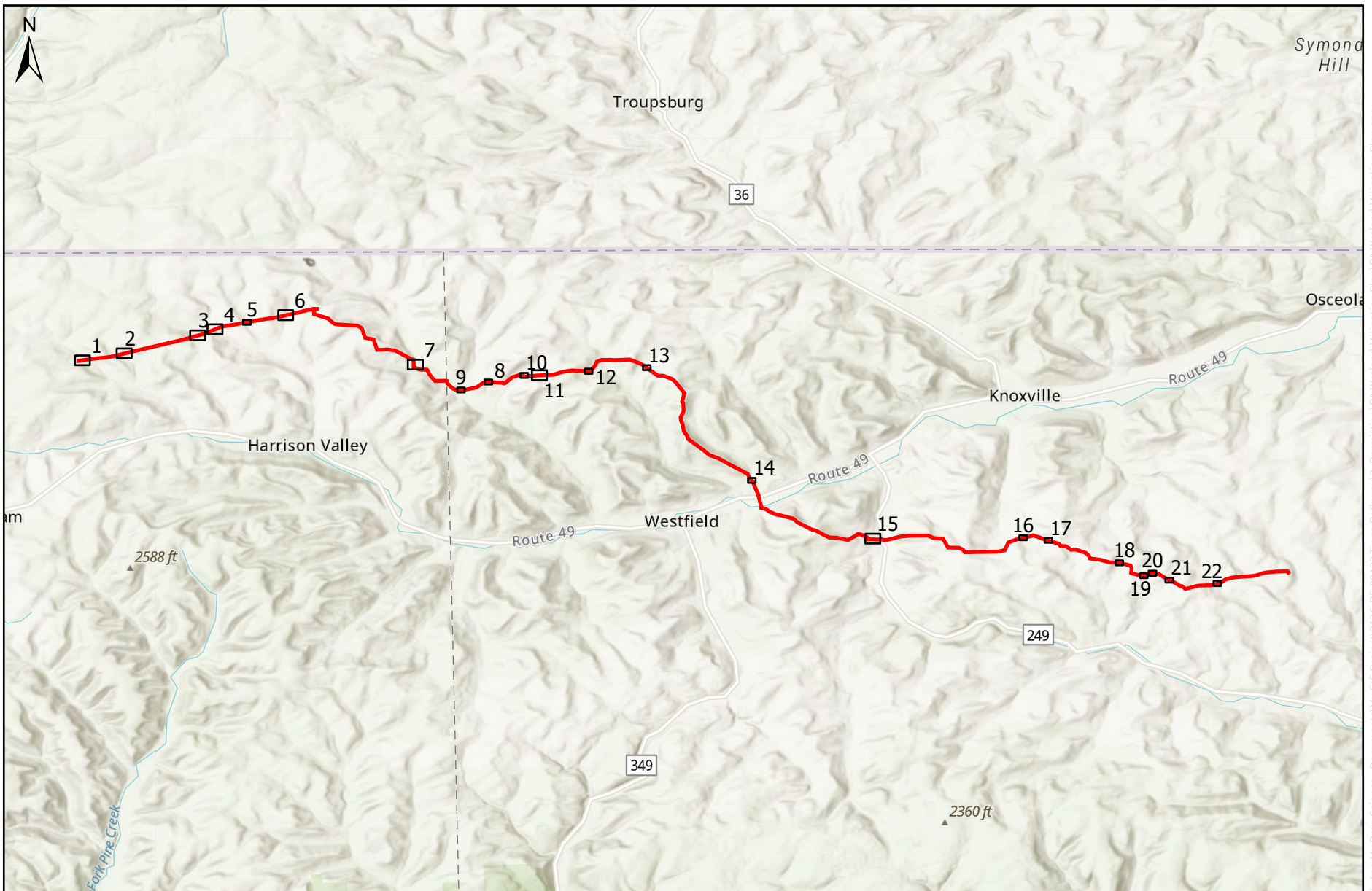
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Prepared By: 



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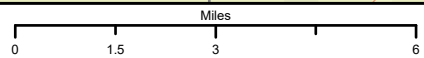
Legend

- Pipeline Centerline
- Sheet Boundary

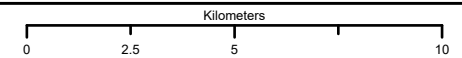
Figure S4.B
Tioga Pathway Project
Riparian Planting Areas
Page Key
 Potter and Tioga Counties, PA

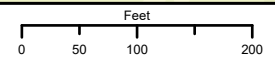
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Basemap: ESRI, USGS Topographic (2023)





Legend			
	Milestone		
	Limit of Disturbance		
	Pipeline Centerline		
	Intermittent Stream		
	Perennial Stream		
Planting Type		Wetland Classification	
	Wetland		PEM
	Wetland Riparian		PFO
	Upland Riparian		PSS

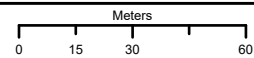
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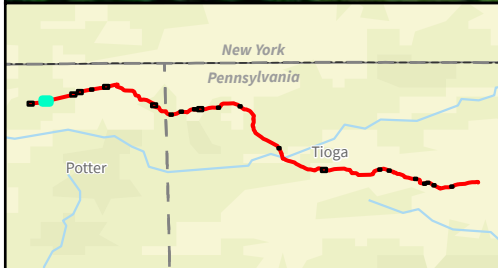
Figure S4.B
Tioga Pathway Project
Riparian Planting Areas
S01, S02, S73z
 Potter County, Pennsylvania

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1 of 25





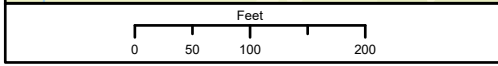
Legend		
Milepost	Wetland Classification PEM	Planting Type Wetland
Limit of Disturbance	PSS	Wetland Riparian
Pipeline Centerline		Upland Riparian
Ephemeral Stream		
Perennial Stream		

Figure S4.B
Tioga Pathway Project
Riparian Planting Areas
S03, S04, S05
 Potter County, Pennsylvania

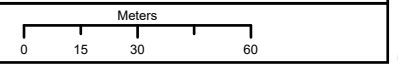
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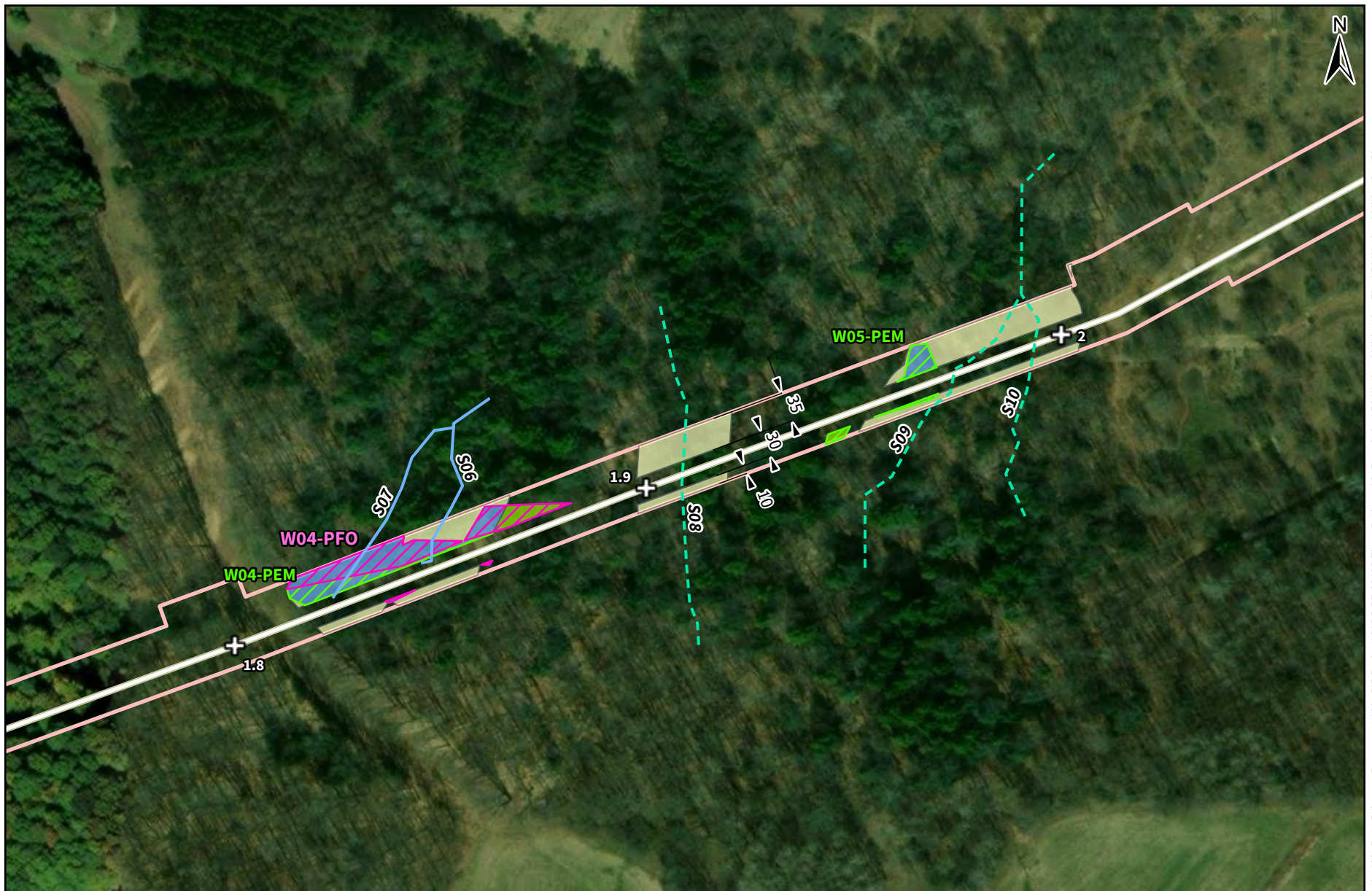
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2 of 25



Basemap: ESRI, USGS Topographic (2023)





Legend		
Milepost	Wetland Classification	Planting Type
Limit of Disturbance	PEM	Wetland
Pipeline Centerline	PFO	Wetland Riparian
Ephemeral Stream		Upland Riparian
Intermittent Stream		

Figure S4.B
Tioga Pathway Project
Riparian Planting Areas
S06, S07, S08, S09, S10
 Potter County, Pennsylvania

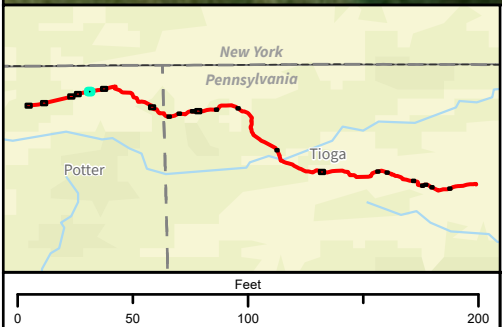
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Page Number: 3 of 25

Basemap: ESRI, USGS Topographic (2023)

Meters: 0, 15, 30, 60



Legend		
	Milepost	
	Limit of Disturbance	
	Pipeline Centerline	
	Perennial Stream	
	Wetland Classification	
	PFO	
	Planting Type	Wetland Riparian
	Upland Riparian	

Figure S4.B
Tioga Pathway Project
Riparian Planting Areas
S14
 Potter County, Pennsylvania

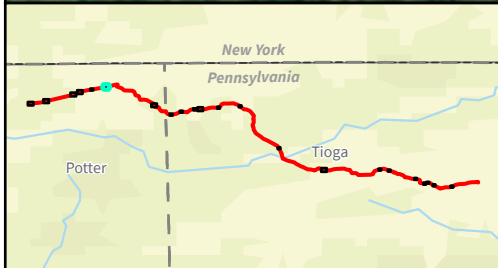
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Prepared By:

Page Number: 5 of 25

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Meters: 0, 15, 30, 60



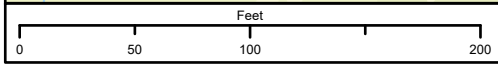
Legend		
Milepost	Wetland Classification	Planting Type
Limit of Disturbance	PEM	Wetland Riparian
Pipeline Centerline		Upland Riparian
Ephemeral Stream		
Perennial Stream		

Figure S4.B
Tioga Pathway Project
Riparian Planting Areas
S15, S16
 Potter County, Pennsylvania

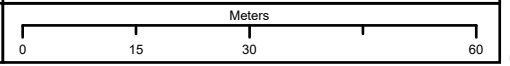
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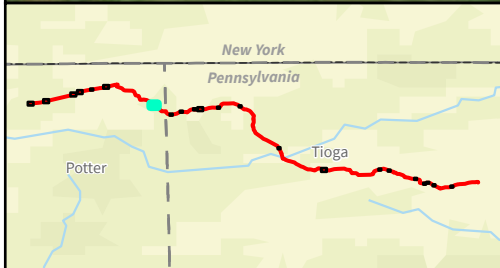
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6 of 25



Basemap: ESRI, USGS Topographic (2023)





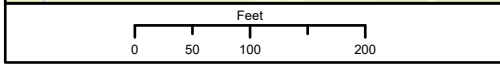
Legend	
Milepost	Upland Riparian
Limit of Disturbance	Pipeline Centerline
Perennial Stream	

Figure S4.B
Tioga Pathway Project
Riparian Planting Areas
S17, S18a
 Potter County, Pennsylvania

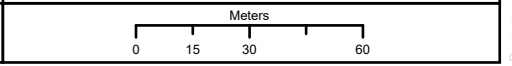
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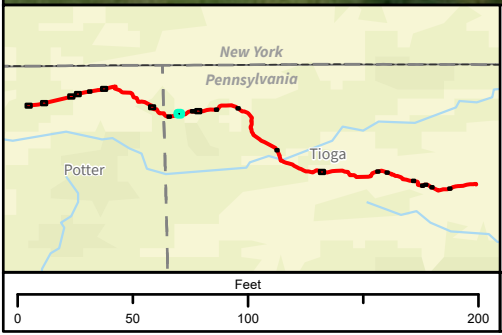
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Basemap: ESRI, USGS Topographic (2023)





Legend

Milepost	Wetland Classification	Planting Type
Limit of Disturbance	PEM	Wetland Riparian
Pipeline Centerline		Upland Riparian
Perennial Stream		

Basemap: ESRI, USGS Topographic (2023)

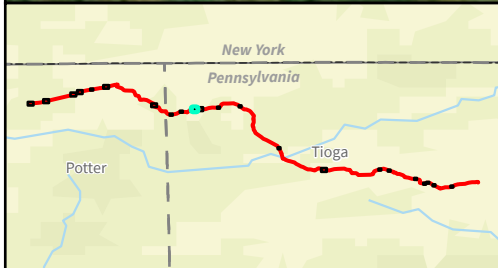
Figure S4.B
Tioga Pathway Project
Riparian Planting Areas
S21
 Tioga County, Pennsylvania

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0 15 30 60
Meters



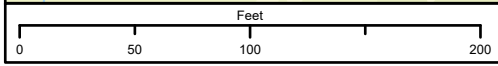
Legend	
Milepost	Upland Riparian
Limit of Disturbance	Pipeline Centerline
Perennial Stream	

Figure S4.B
Tioga Pathway Project
Riparian Planting Areas
S23
 Tioga County, Pennsylvania

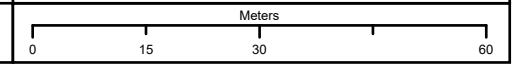
Prepared For: National Fuel Supply Corporation

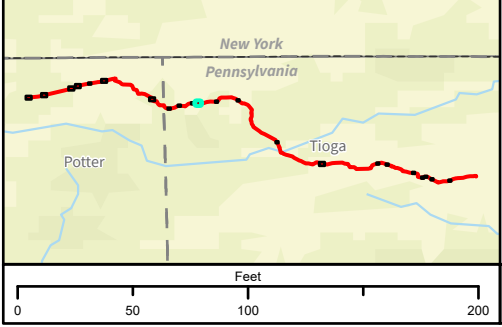
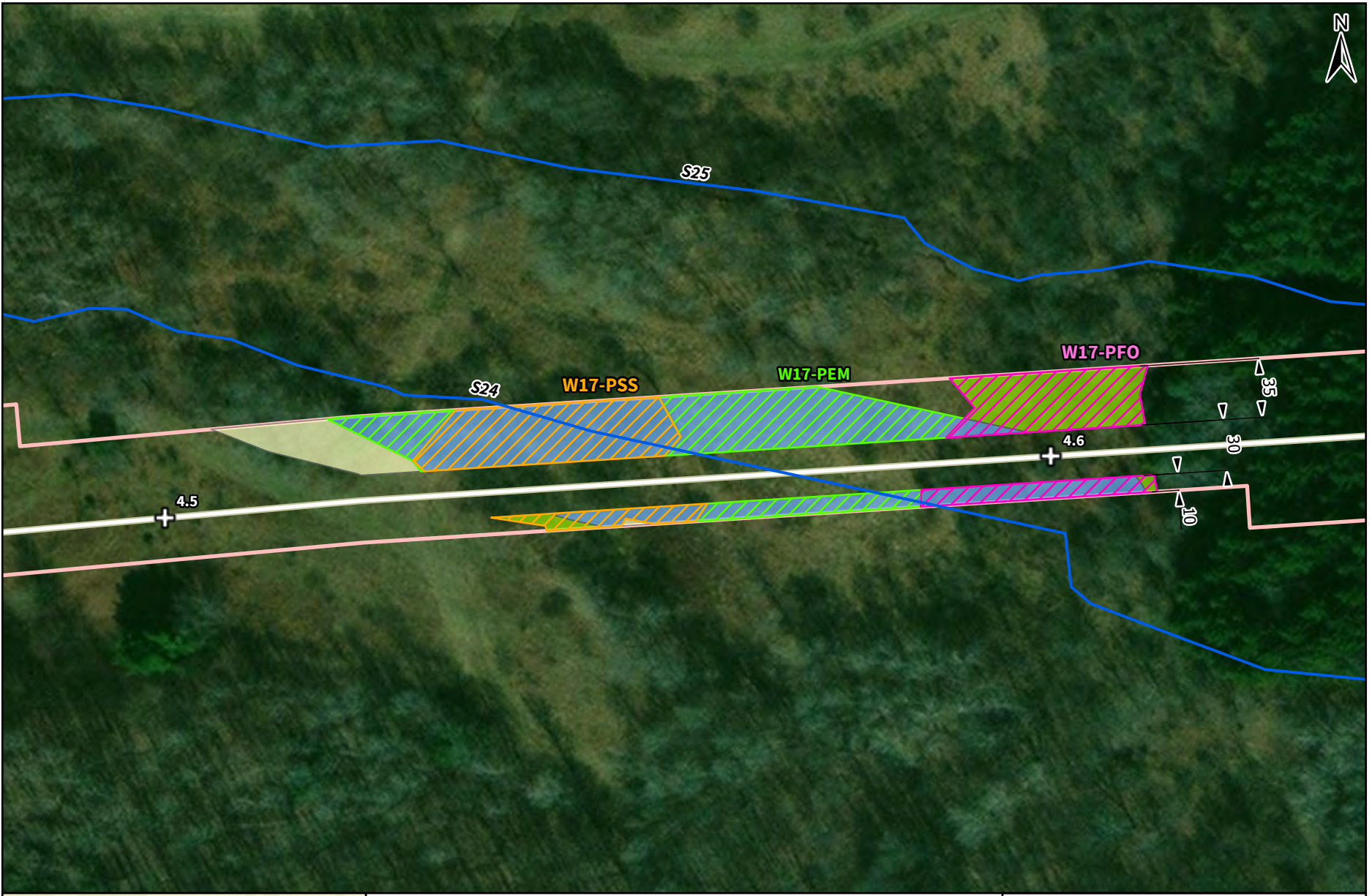
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Basemap: ESRI, USGS Topographic (2023)





Legend		
Milepost	Wetland Classification	Planting Type
Limit of Disturbance	PEM	Wetland
Pipeline Centerline	PFO	Wetland Riparian
Perennial Stream	PSS	Upland Riparian

Figure S4.B
Tioga Pathway Project
Riparian Planting Areas
S24
 Tioga County, Pennsylvania

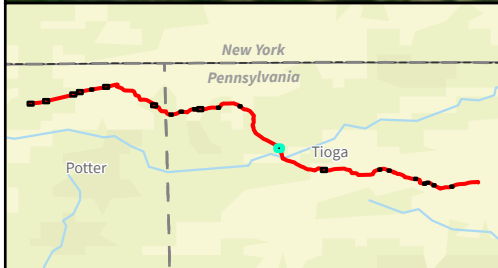
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Basemap: ESRI, USGS Topographic (2023)

Meters
0 15 30 60



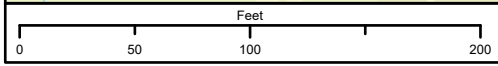
Legend		
	Milepost	
	Limit of Disturbance	
	Pipeline Centerline	
	Perennial Stream	
	Wetland Classification	
	PFO	
	Planting Type	
	Wetland	
	Wetland Riparian	
	Upland Riparian	

Figure S4.B
Tioga Pathway Project
Riparian Planting Areas
S62
 Tioga County, Pennsylvania

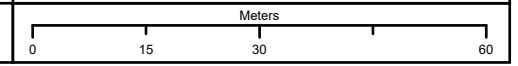
Prepared For:

Prepared By:

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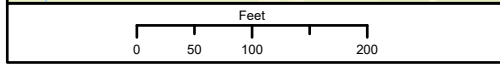
Legend	
Milepost	Upland Riparian
Limit of Disturbance	Perennial Stream
Pipeline Centerline	Ephemeral Stream
Ephemeral Stream	
Perennial Stream	

Figure S4.B
Tioga Pathway Project
Riparian Planting Areas
S36, S39
 Tioga County, Pennsylvania

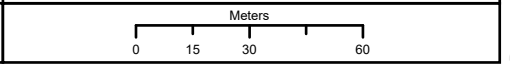
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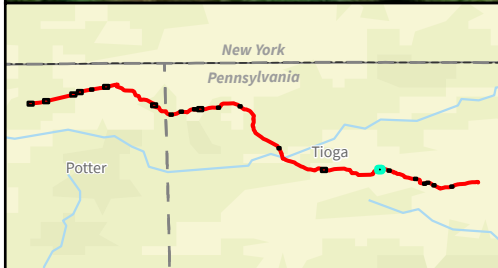
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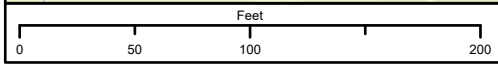
Legend		
	Milepost	
	Limit of Disturbance	
	Pipeline Centerline	
	Perennial Stream	
	Wetland Classification	
	PSS	
	Planting Type	
	Wetland	
	Wetland Riparian	
	Upland Riparian	

Figure S4.B
Tioga Pathway Project
Riparian Planting Areas
S40
 Tioga County, Pennsylvania

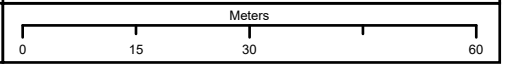
Prepared For: National Fuel Supply Corporation

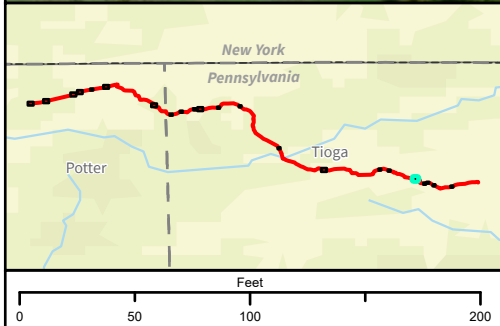
Prepared By: TETRA TECH

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Basemap: ESRI, USGS Topographic (2023)





Legend		
Milepost	Wetland Classification PEM	Planting Type Wetland Riparian
Limit of Disturbance	Pipeline Centerline	Upland Riparian
Intermittent Stream		

Basemap: ESRI, USGS Topographic (2023)

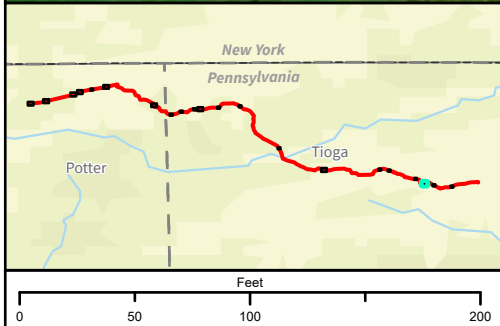
Figure S4.B
Tioga Pathway Project
Riparian Planting Areas
S45
 Tioga County, Pennsylvania

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Meters: 0, 15, 30, 60



Legend	
Milepost	Upland Riparian
Limit of Disturbance	
Pipeline Centerline	
Perennial Stream	

Basemap: ESRI, USGS Topographic (2023)

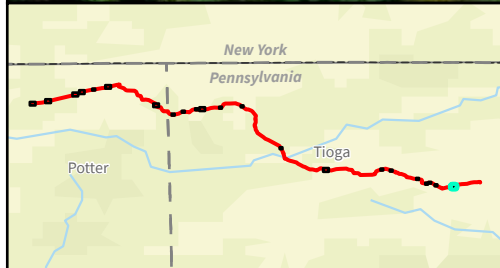
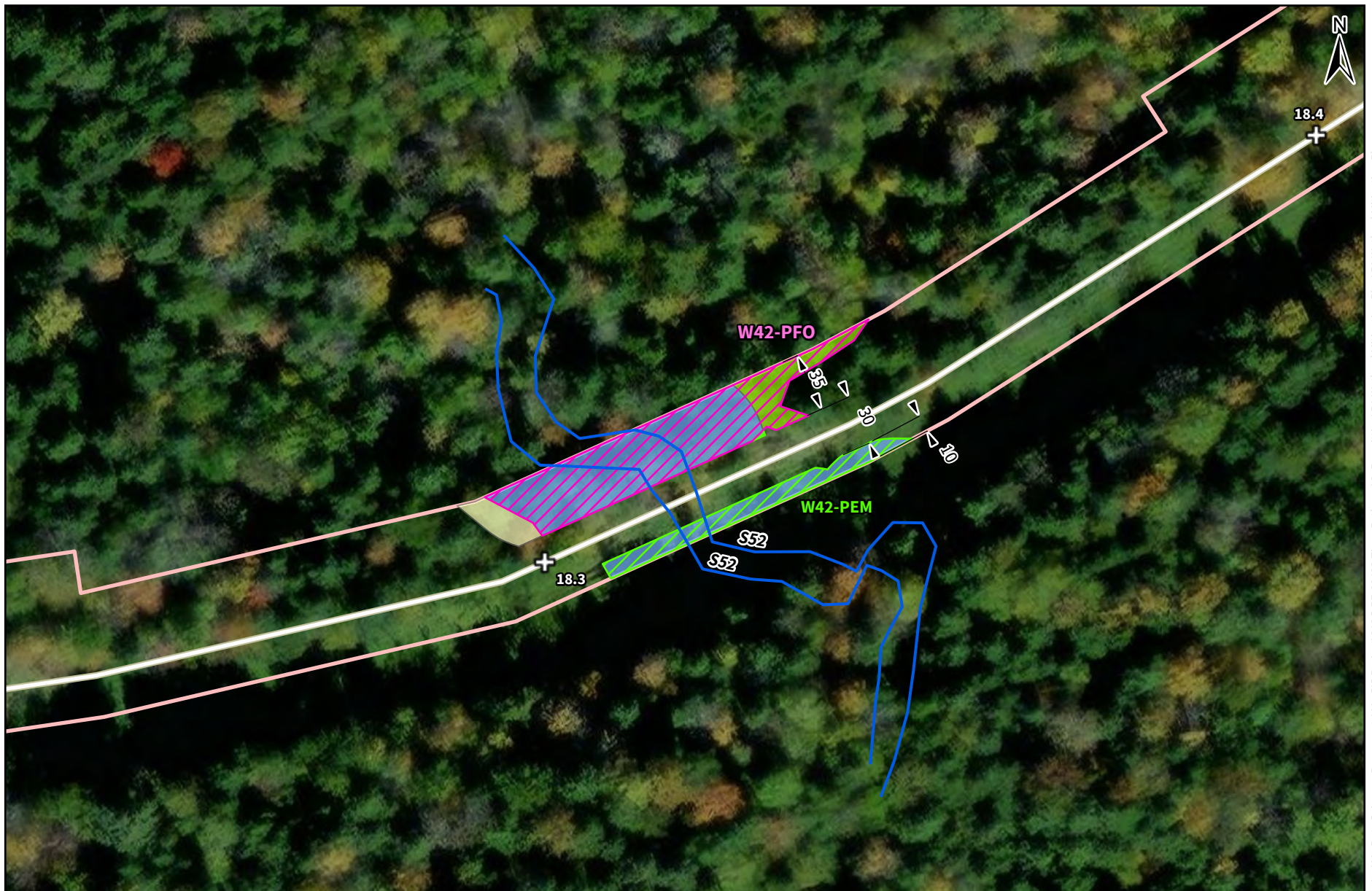
Figure S4.B
Tioga Pathway Project
Riparian Planting Areas
S47
 Tioga County, Pennsylvania

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Meters



Legend		
Milepost	Wetland Classification	Planting Type
Limit of Disturbance	PEM	Wetland
Pipeline Centerline	PFO	Wetland Riparian
Perennial Stream		Upland Riparian

Figure S4.B
Tioga Pathway Project
Riparian Planting Areas
S52
 Tioga County, Pennsylvania

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Basemap: ESRI, USGS Topographic (2023)

Scale: 0, 15, 30, 60 Meters