

ATTACHMENT 10

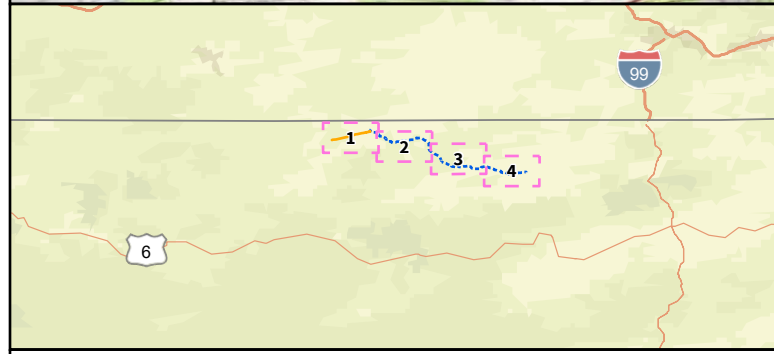
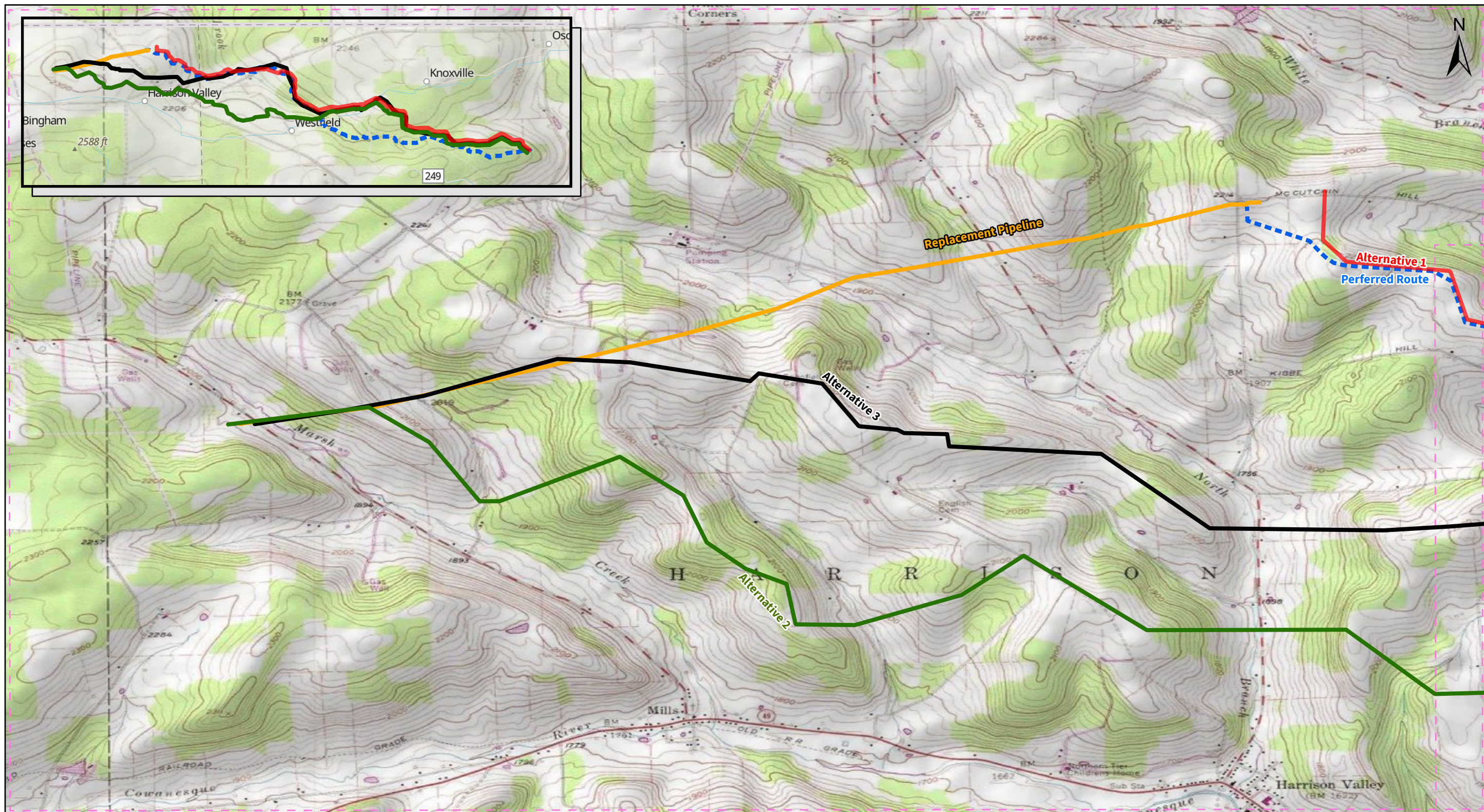
ENVIRONMENTAL ASSESSMENT FORM

Appendix C: Figures

Figure S3.F-1 Major Alternatives

Figure S3.F-2 Minor Route Variations and Deviations

Figure S4.B Riparian Planting Areas



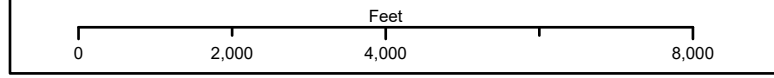
Legend

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

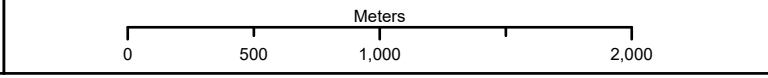
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Major Alternatives
Sheet 1 of 4
Potter and Tioga Counties, Pennsylvania

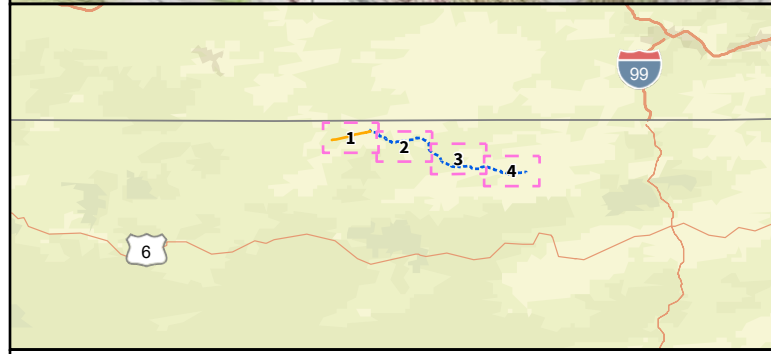
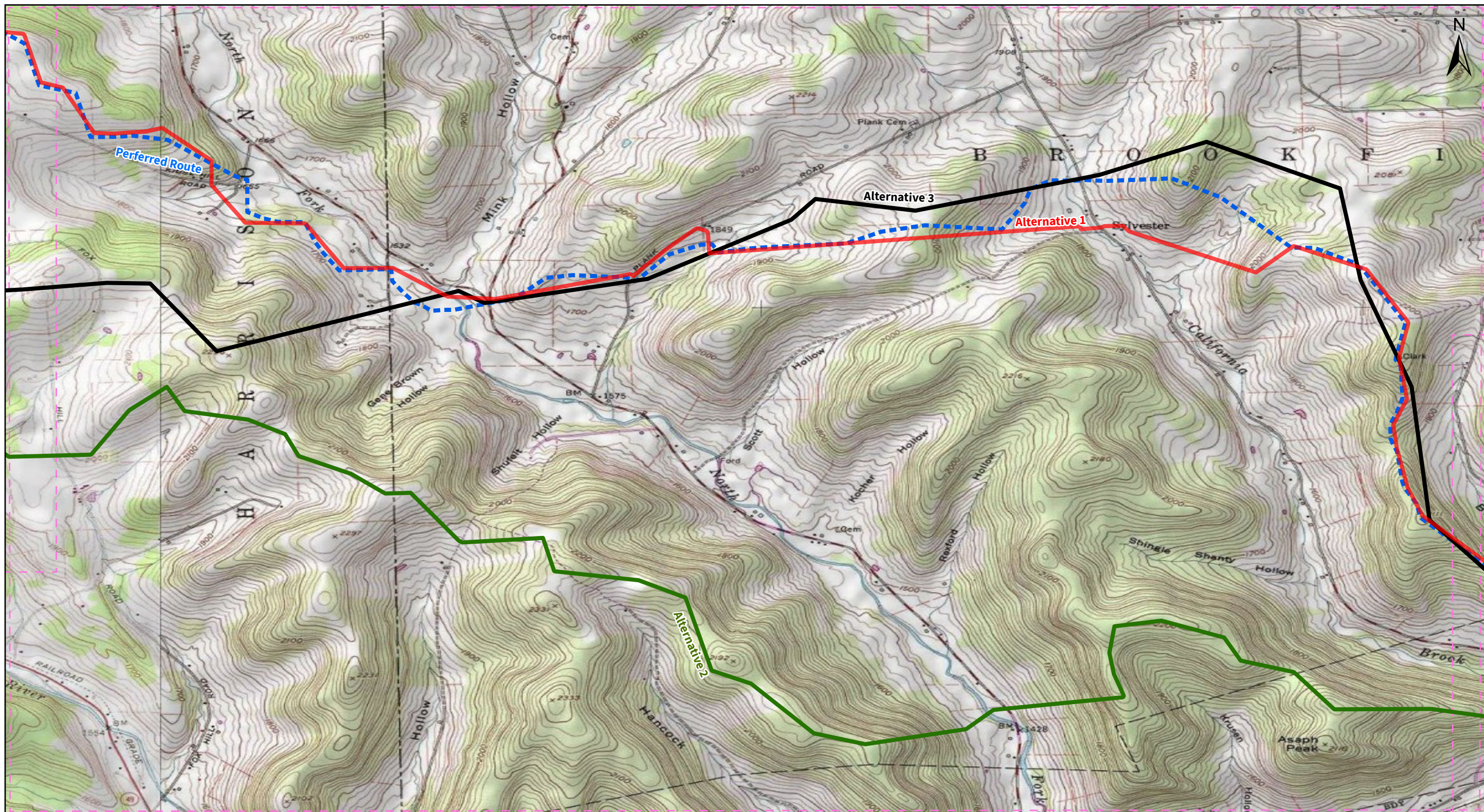
Prepared For: **National Fuel**
Supply Corporation

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Basemap: ESRI, USGS Topographic (2023)





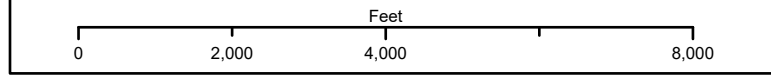
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- ▬▬▬ Preferred Route
- ▬▬▬ Alternative 1
- ▬▬▬ Alternative 2
- ▬▬▬ Alternative 3
- ▬▬▬ Sheet Boundary

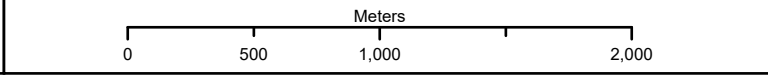
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Major Alternatives
Sheet 2 of 4
Potter and Tioga Counties, Pennsylvania

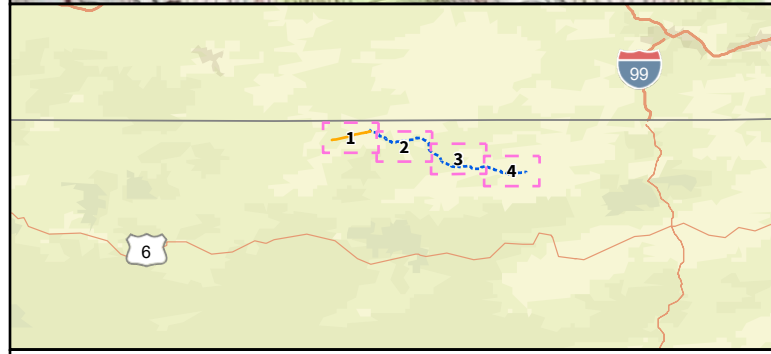
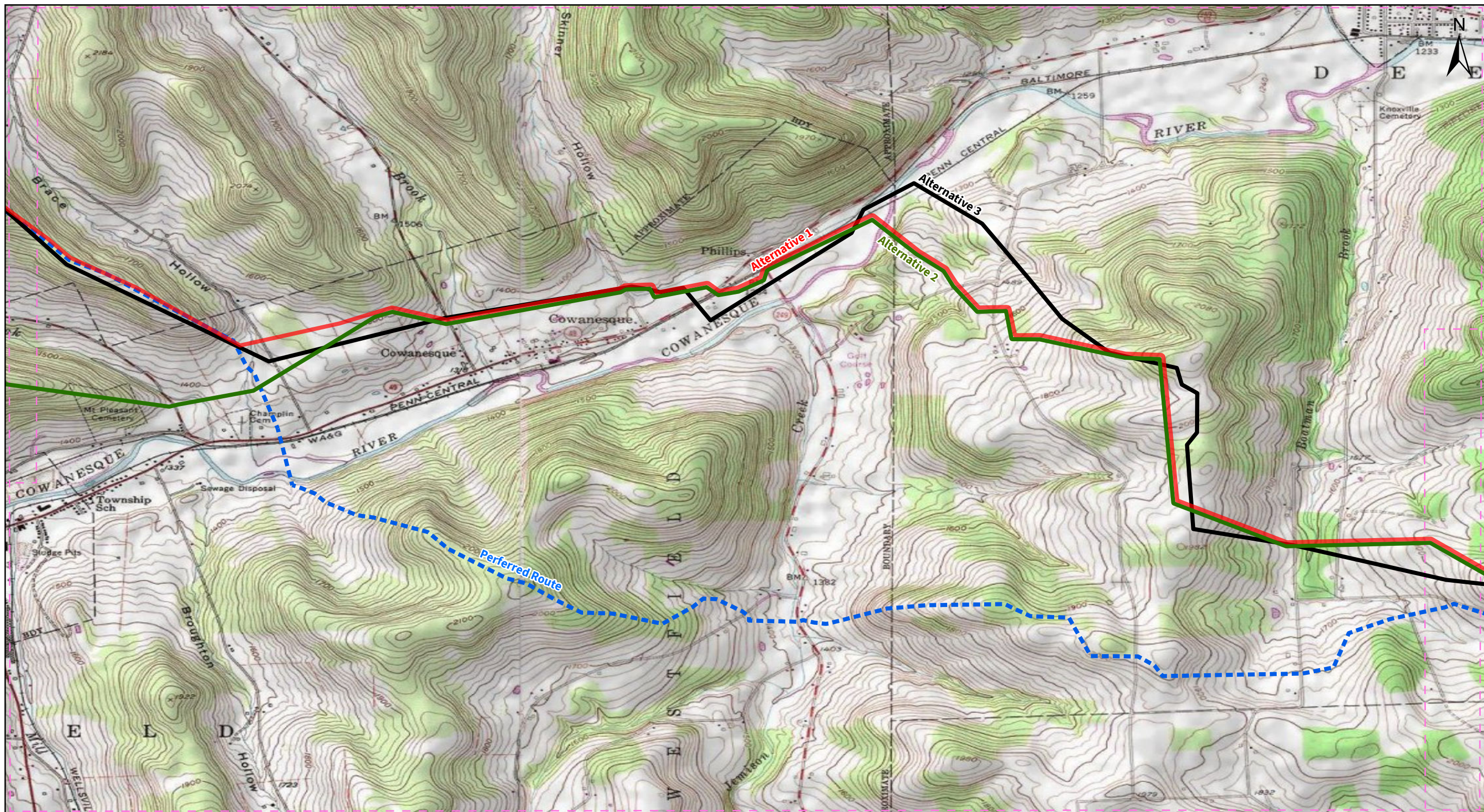
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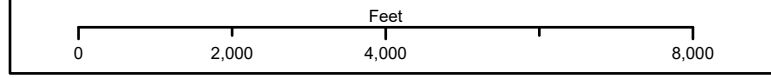
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- - - Preferred Route
- Alternative 1
- Alternative 2
- Alternative 3
- - - Sheet Boundary

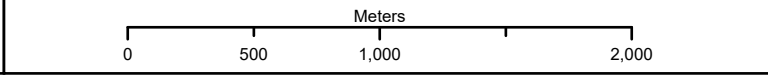
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Major Alternatives
Sheet 3 of 4
Potter and Tioga Counties, Pennsylvania

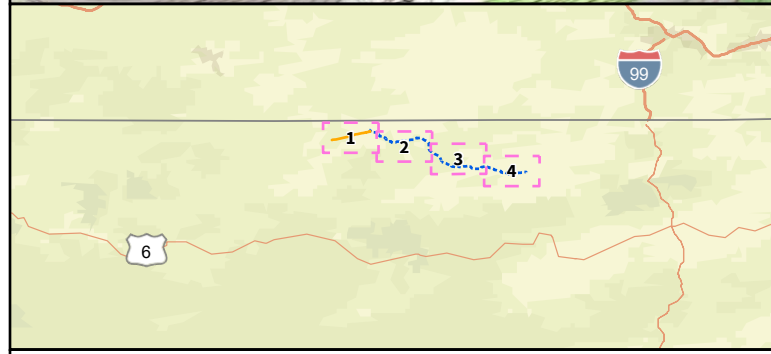
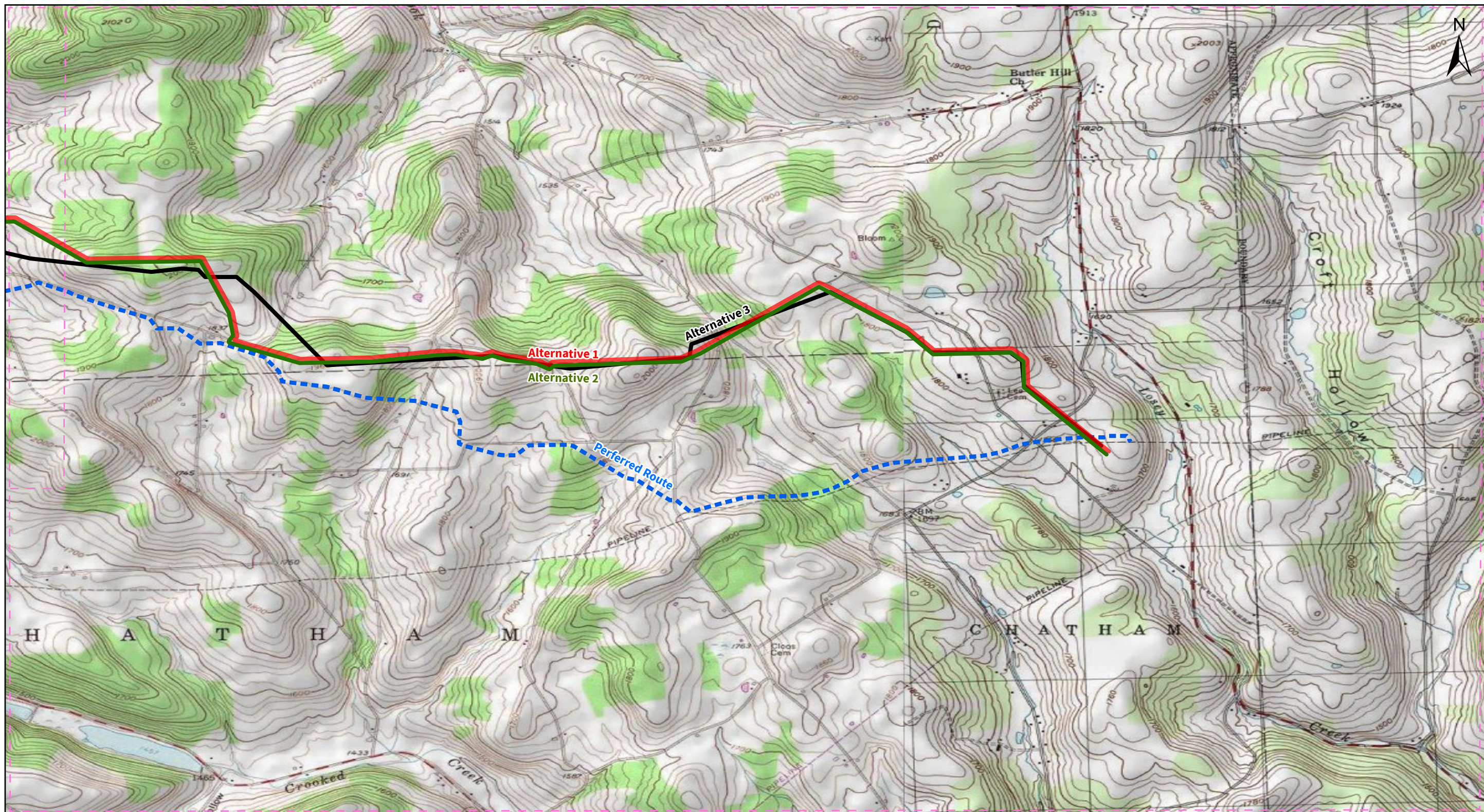
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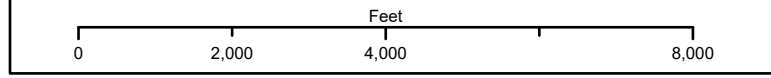
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- - - Preferred Route
- Alternative 1
- Alternative 2
- Alternative 3
- - - Sheet Boundary

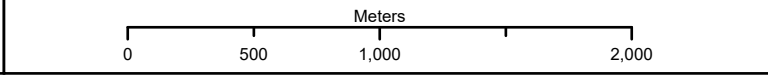
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Major Alternatives
Sheet 4 of 4
Potter and Tioga Counties, Pennsylvania

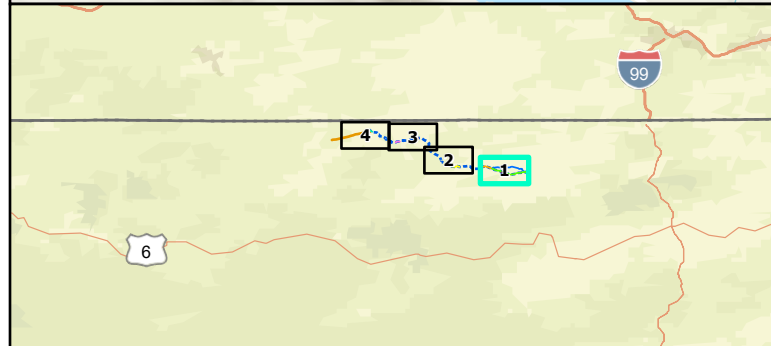
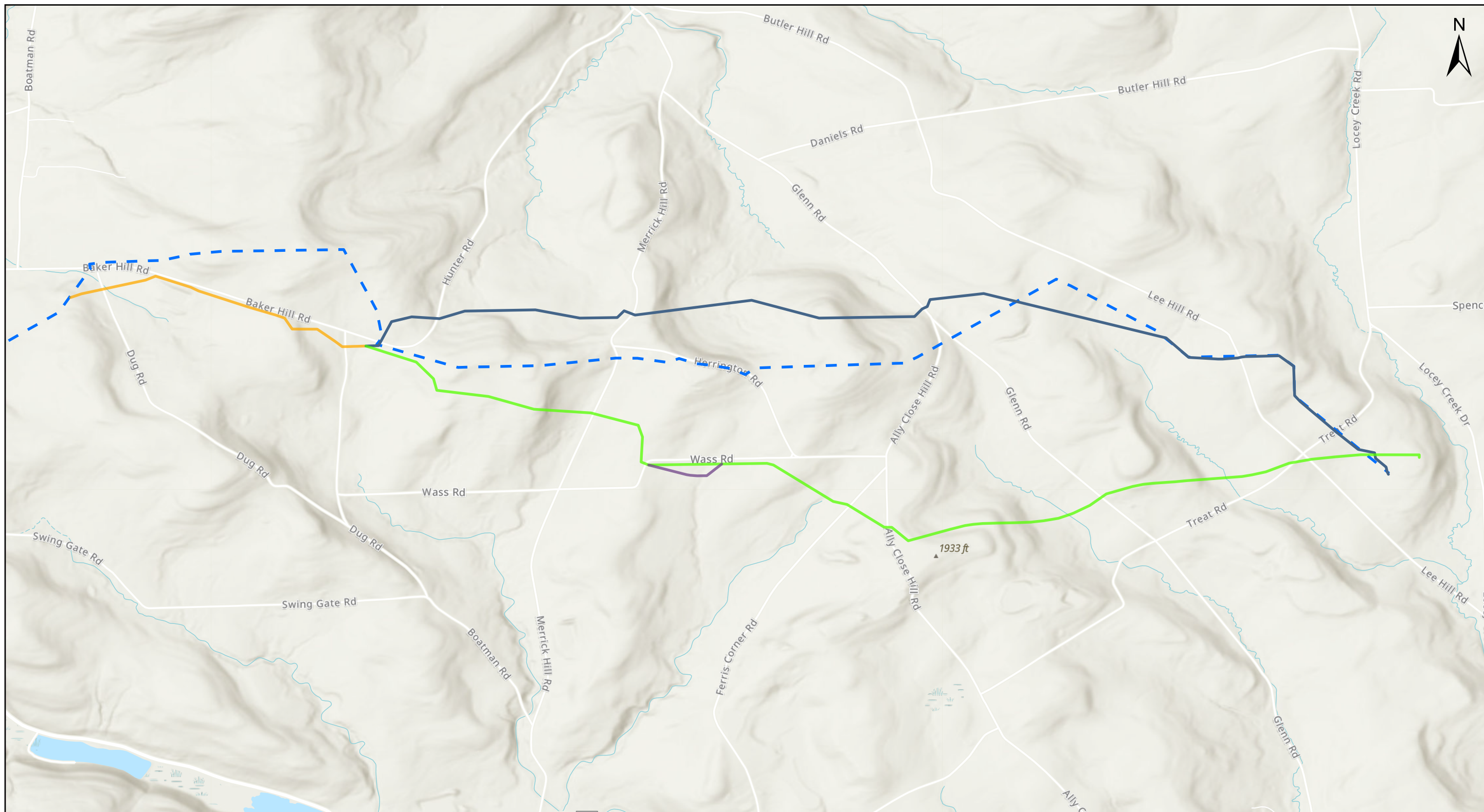
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Basemap: ESRI, USGS Topographic (2023)





Legend











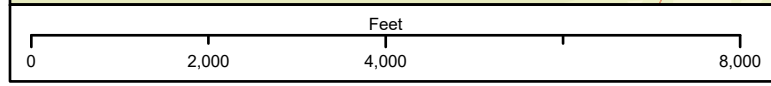
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 Route Variation 2	 Route Variation 8
 Route Variation 3	 Preliminary YM59 Route
 Route Variation 4	 Sheet Boundary
 Route Variation 5	
 Route Variation 6	

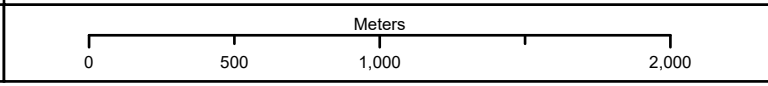
Figure S3.F-2
Route Variations and Deviations
Sheet 1 of 4
Potter and Tioga Counties, Pennsylvania

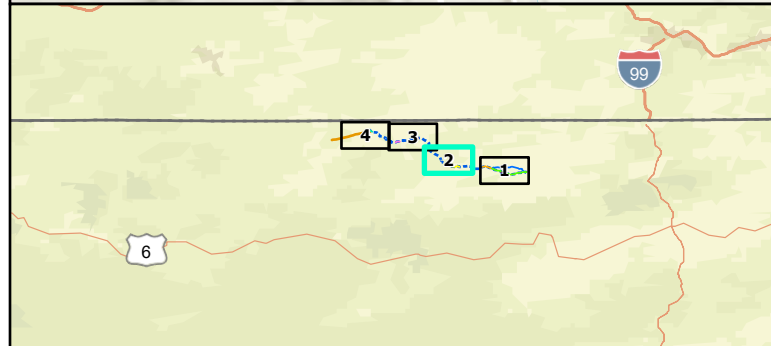
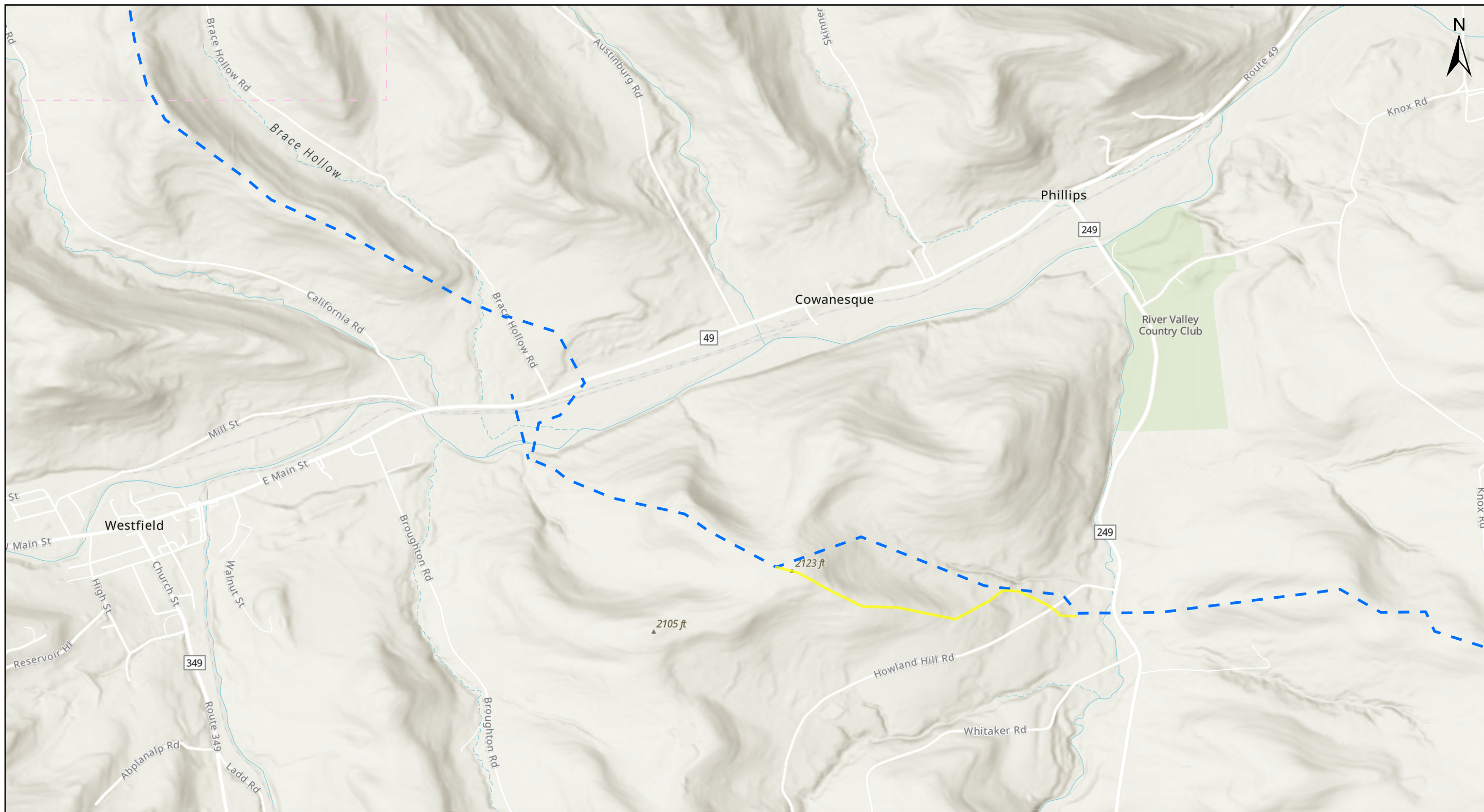
Prepared For: 

Prepared By: 



Basemap: ESRI, World Topographic (2023)





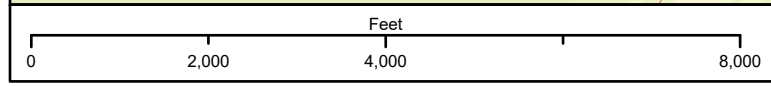
Legend

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	

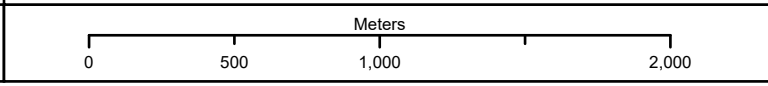
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Route Variations and Deviations
Sheet 2 of 4
Potter and Tioga Counties, Pennsylvania

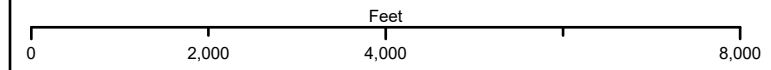
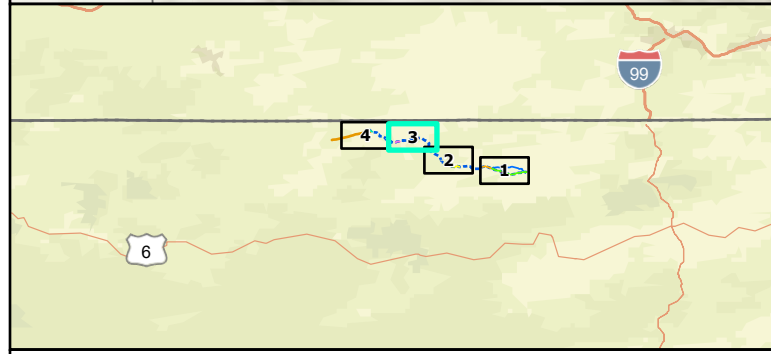
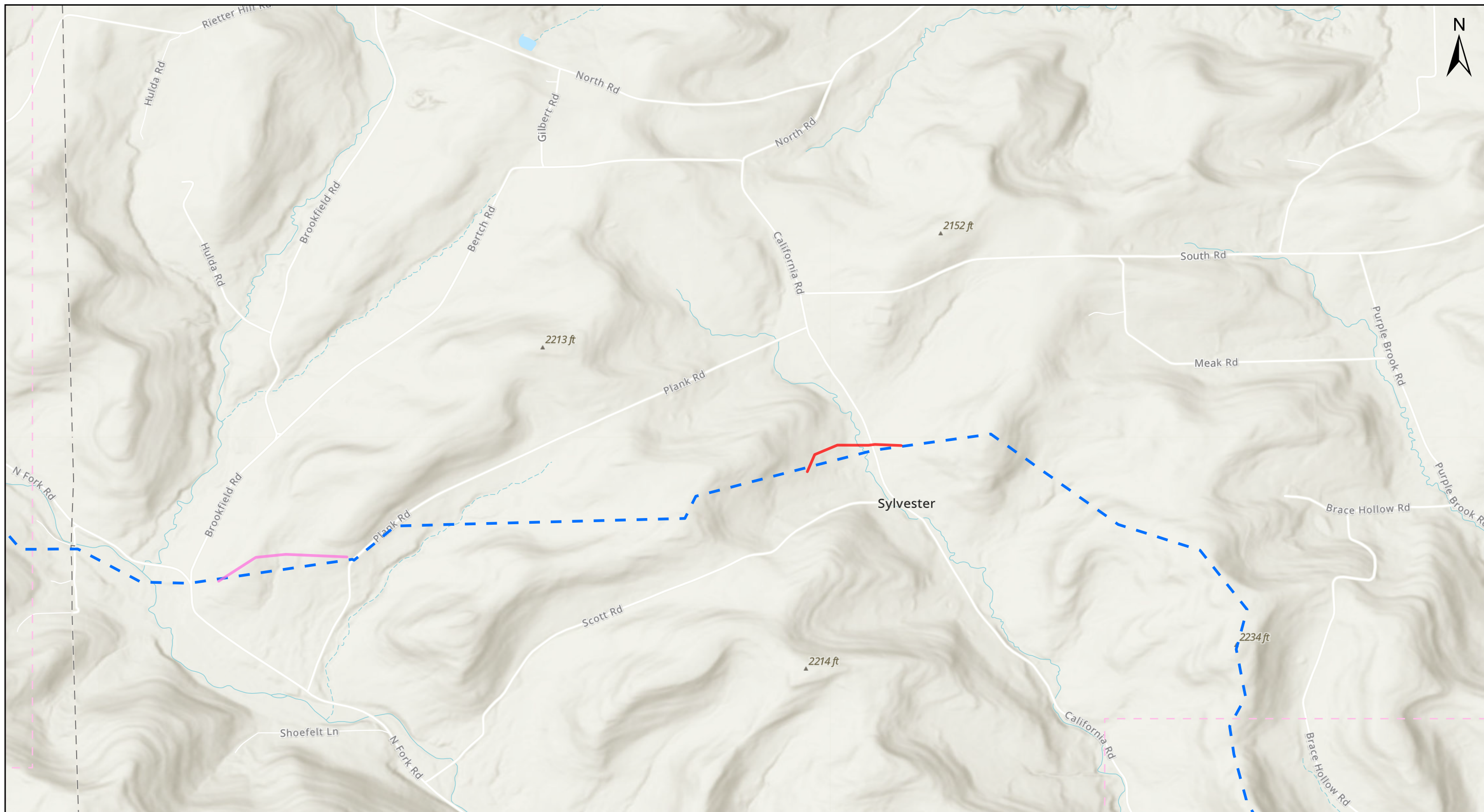
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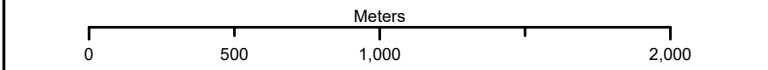
Legend	
— Route Variation 1	— Route Variation 7
— Route Variation 2	— Route Variation 8
— Route Variation 3	- - - Preliminary YM59 Route
— Route Variation 4	□ Sheet Boundary
— Route Variation 5	
— Route Variation 6	

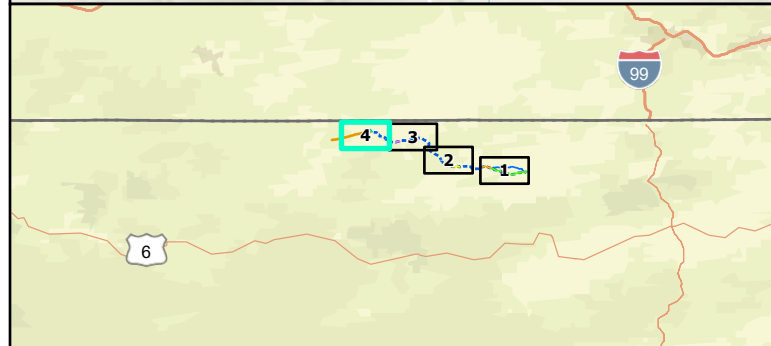
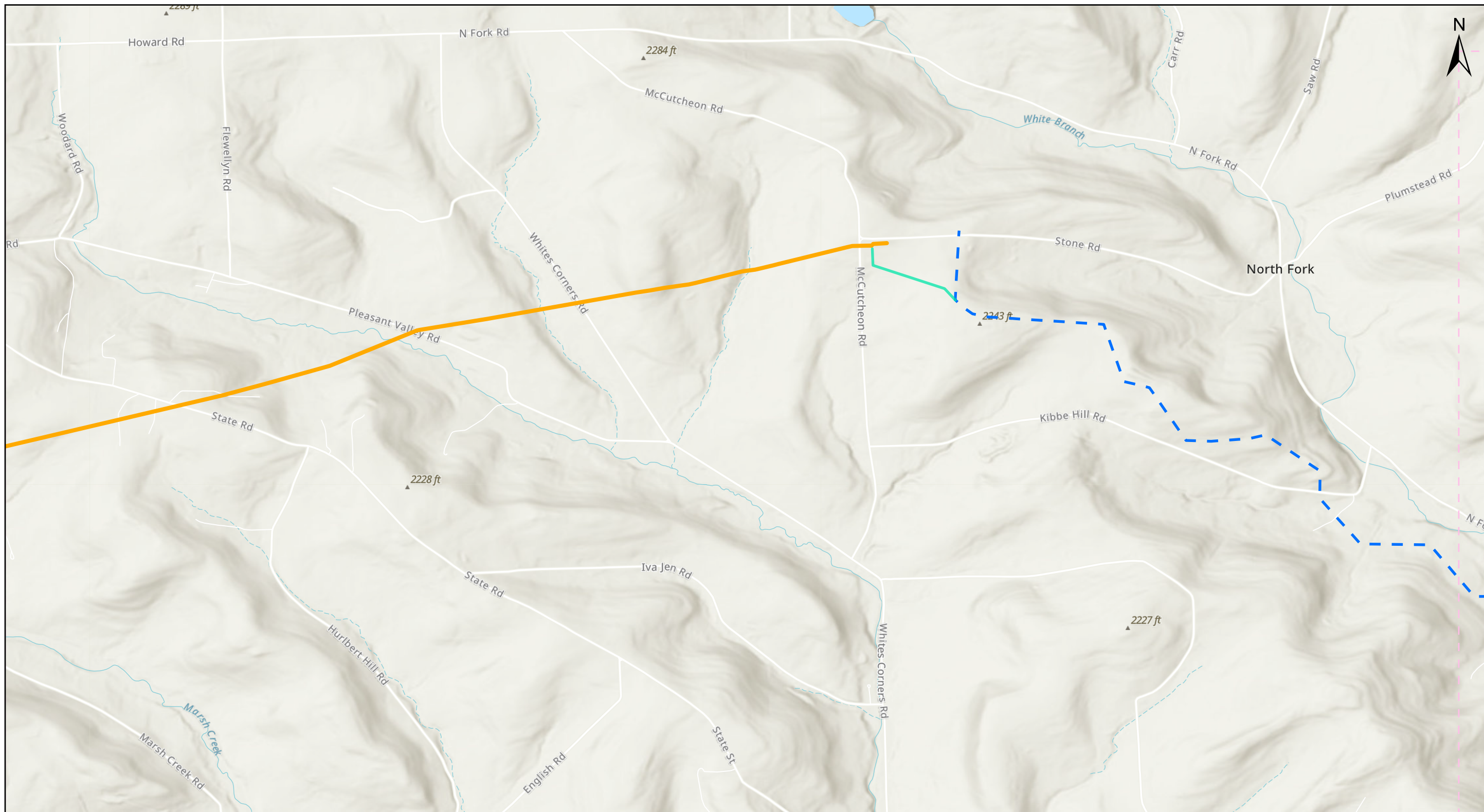
Basemap: ESRI, World Topographic (2023)

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

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Legend












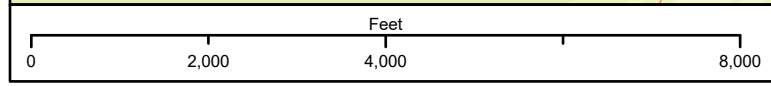
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 Route Variation 2	 Route Variation 8
 Route Variation 3	 Replacement Pipeline
 Route Variation 4	 Preliminary YM59 Route
 Route Variation 5	 Sheet Boundary
 Route Variation 6	

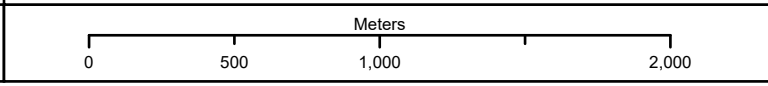
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Route Variations and Deviations
Sheet 4 of 4
Potter and Tioga Counties, Pennsylvania

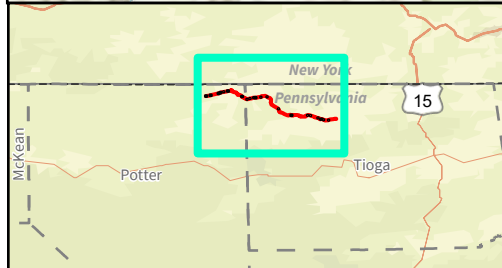
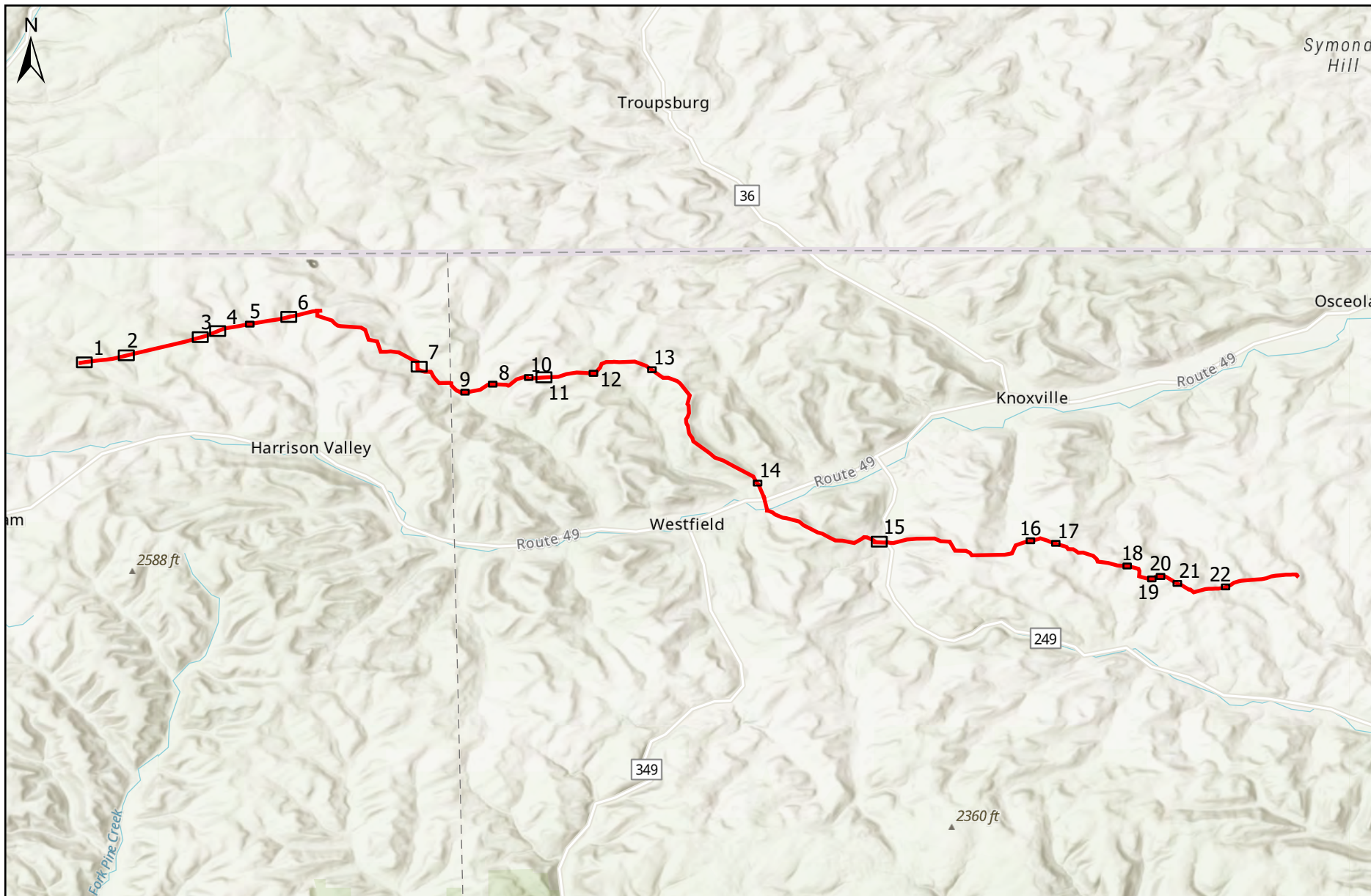
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Prepared By: 



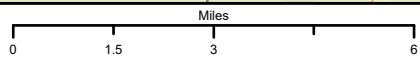
Basemap: ESRI, World Topographic (2023)





Legend

- Pipeline Centerline
- Sheet Boundary

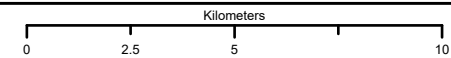


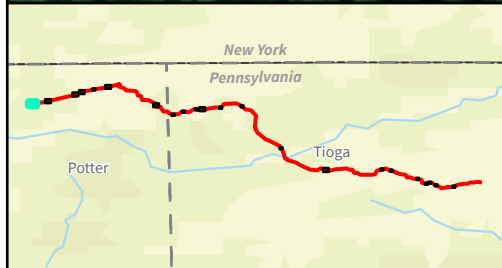
Basemap: ESRI, USGS Topographic (2023)

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

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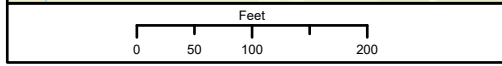
Legend		
Milepost	Planting Type	Wetland Classification
Limit of Disturbance	Wetland	PEM
Pipeline Centerline	Wetland Riparian	PFO
Intermittent Stream	Upland Riparian	PSS
Perennial Stream		

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

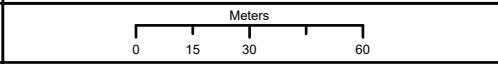
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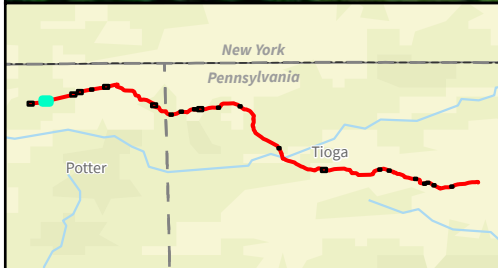
Prepared By: **TETRA TECH**

Page Number:
1 of 25



Basemap: ESRI, USGS Topographic (2023)





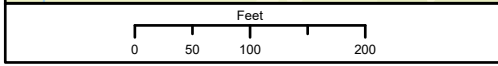
Legend		
Milepost	Wetland Classification PEM	Planting Type Wetland
Limit of Disturbance	PSS	Wetland Riparian
Pipeline Centerline		Upland Riparian
Ephemeral Stream		
Perennial Stream		

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

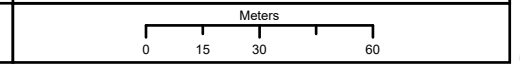
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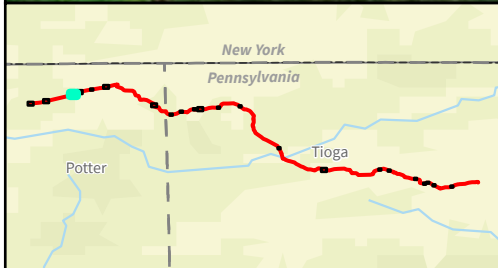
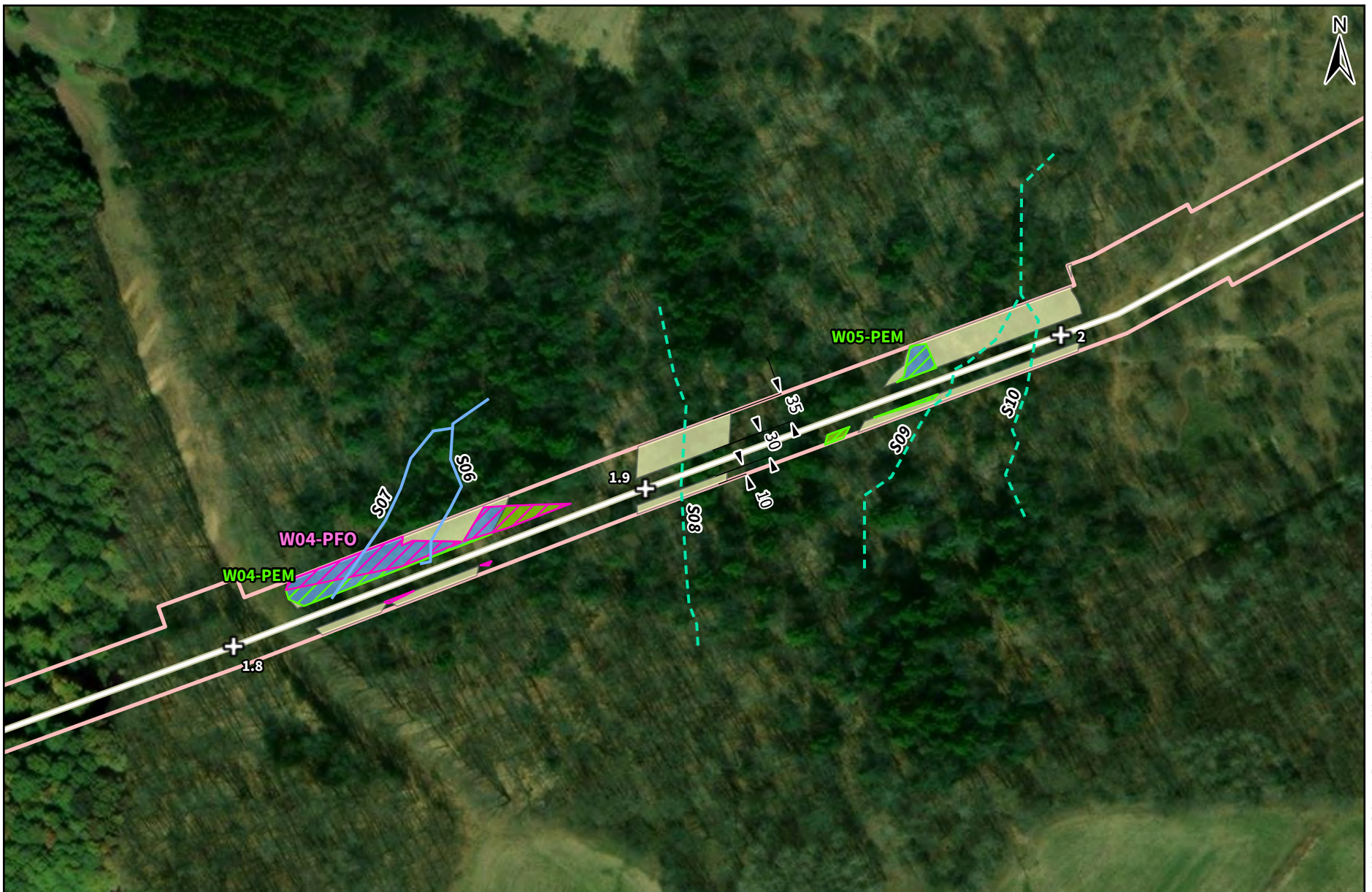
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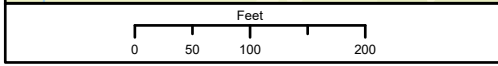
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	Milepost		
	Limit of Disturbance		
	Pipeline Centerline		
	Ephemeral Stream		
	Intermittent Stream		
Wetland Classification		Planting Type	
	PEM		Wetland
	PFO		Wetland Riparian
			Upland Riparian

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

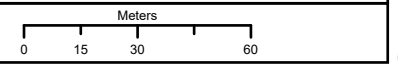
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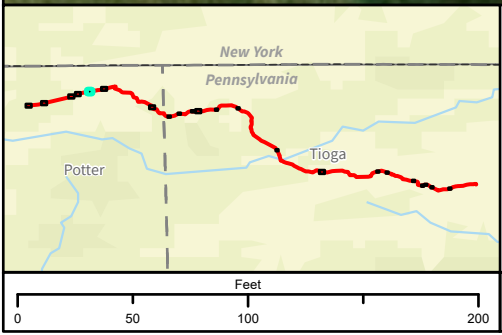
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Page Number:
3 of 25



Basemap: ESRI, USGS Topographic (2023)





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

Basemap: ESRI, USGS Topographic (2023)

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

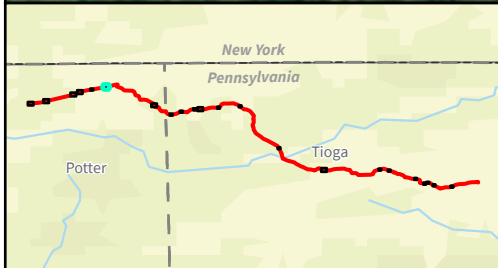
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Prepared By:

Page Number: 5 of 25

Meters

0 15 30 60



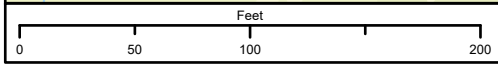
Legend		
Milepost	Wetland Classification PEM	Planting Type Wetland Riparian
Limit of Disturbance	Upland Riparian	
Pipeline Centerline		
Ephemeral Stream		
Perennial Stream		

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

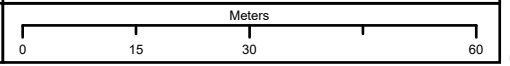
Prepared For: National Fuel Supply Corporation

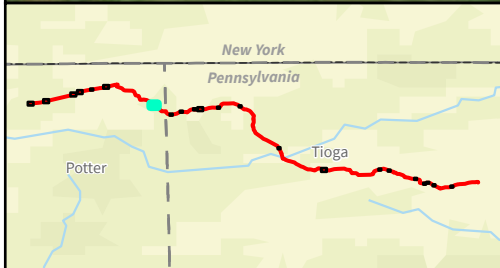
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Basemap: ESRI, USGS Topographic (2023)





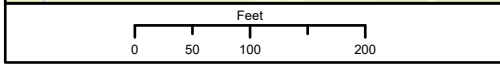
Legend	
Milepost	Upland Riparian
Limit of Disturbance	Pipeline Centerline
Perennial Stream	

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

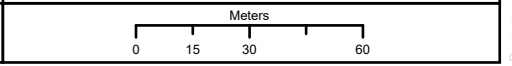
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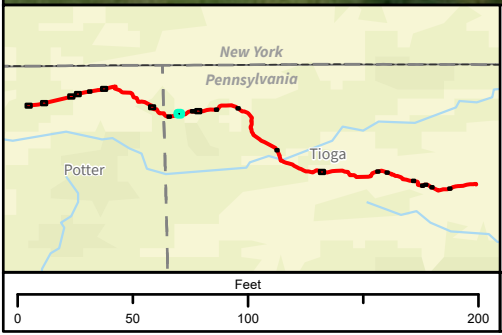
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Basemap: ESRI, USGS Topographic (2023)





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

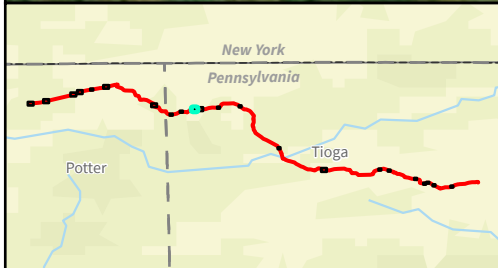
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Prepared By:

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Meters

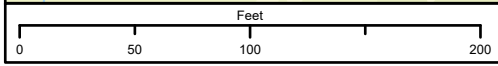
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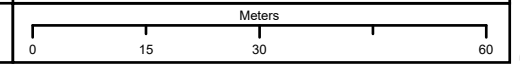
Legend	
	Milepost
	Limit of Disturbance
	Pipeline Centerline
	Perennial Stream
	Upland Riparian

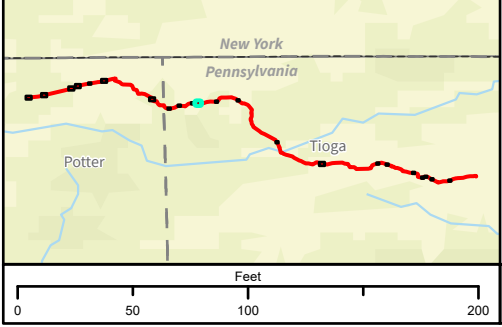
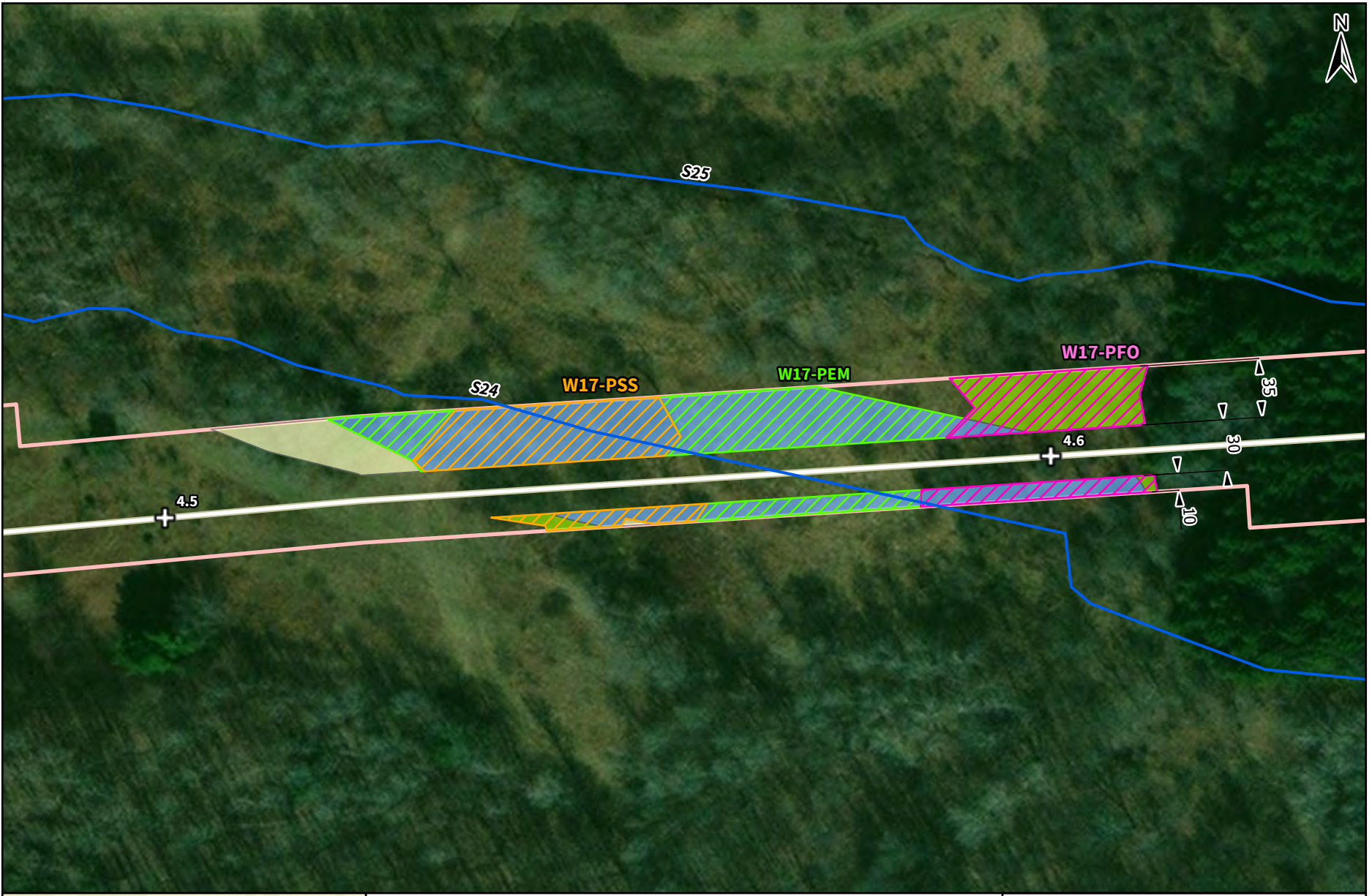
Figure S4.B
Tioga Pathway Project
Riparian Planting Areas
S23
 Tioga County, Pennsylvania

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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

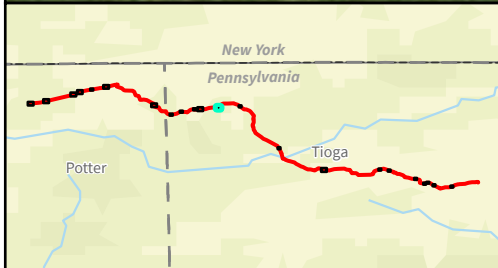
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Basemap: ESRI, USGS Topographic (2023)

Meters
0 15 30 60



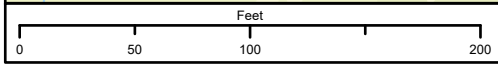
Legend	
Milepost	Upland Riparian
Limit of Disturbance	
Pipeline Centerline	
Perennial Stream	

Figure S4.B
Tioga Pathway Project
Riparian Planting Areas
S28
 Tioga County, Pennsylvania

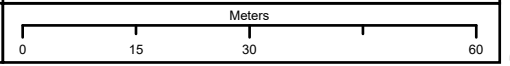
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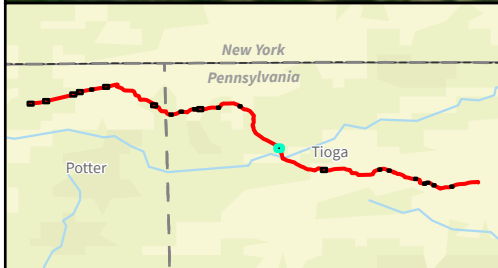
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Basemap: ESRI, USGS Topographic (2023)





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

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Scale: 0, 15, 30, 60 Meters

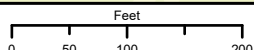
Cartographer: JULIE.GIBSON

Basemap: ESRI, USGS Topographic (2023)

NOT FOR CONSTRUCTION

Date: 10/25/2024 5:02 PM

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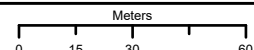


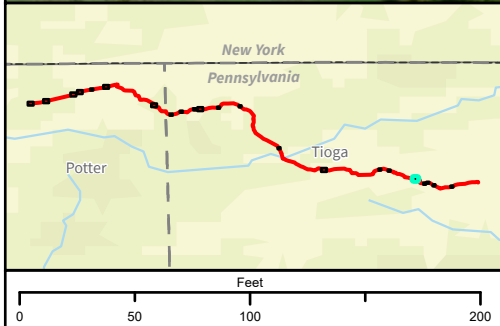
Legend	
Milepost	Upland Riparian
Limit of Disturbance	Perennial Stream
Pipeline Centerline	Ephemeral Stream
Ephemeral Stream	
Perennial Stream	

Basemap: ESRI, USGS Topographic (2023)

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

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

Basemap: ESRI, USGS Topographic (2023)

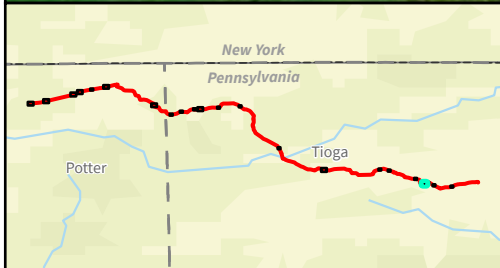
Figure S4.B
Tioga Pathway Project
Riparian Planting Areas
S45
 Tioga County, Pennsylvania

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Meters
0 15 30 60



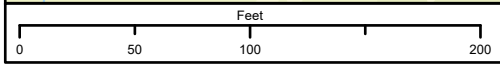
Legend	
Milepost	Upland Riparian
Limit of Disturbance	Pipeline Centerline
Perennial Stream	

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

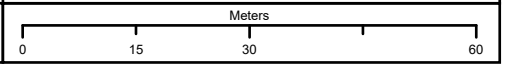
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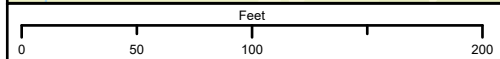
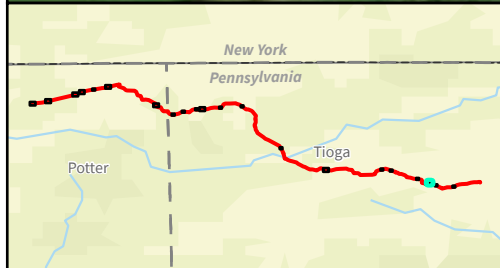
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Basemap: ESRI, USGS Topographic (2023)





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

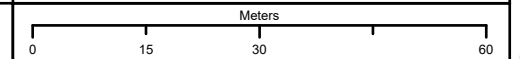
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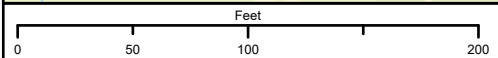
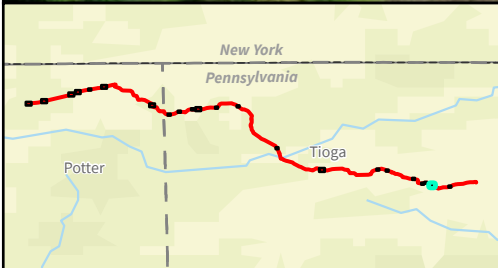
Figure S4.B
Tioga Pathway Project
Riparian Planting Areas
S48, S49
 Tioga County, Pennsylvania

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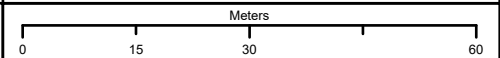
Legend		
Milepost	Wetland Classification	Planting Type
Limit of Disturbance	PEM	Wetland Riparian
Pipeline Centerline		Upland Riparian
Intermittent Stream		

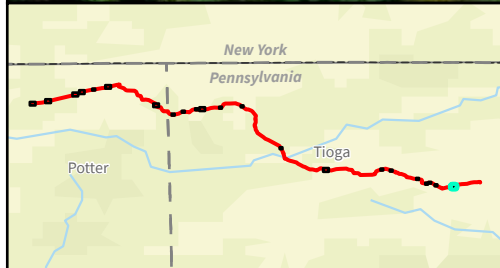
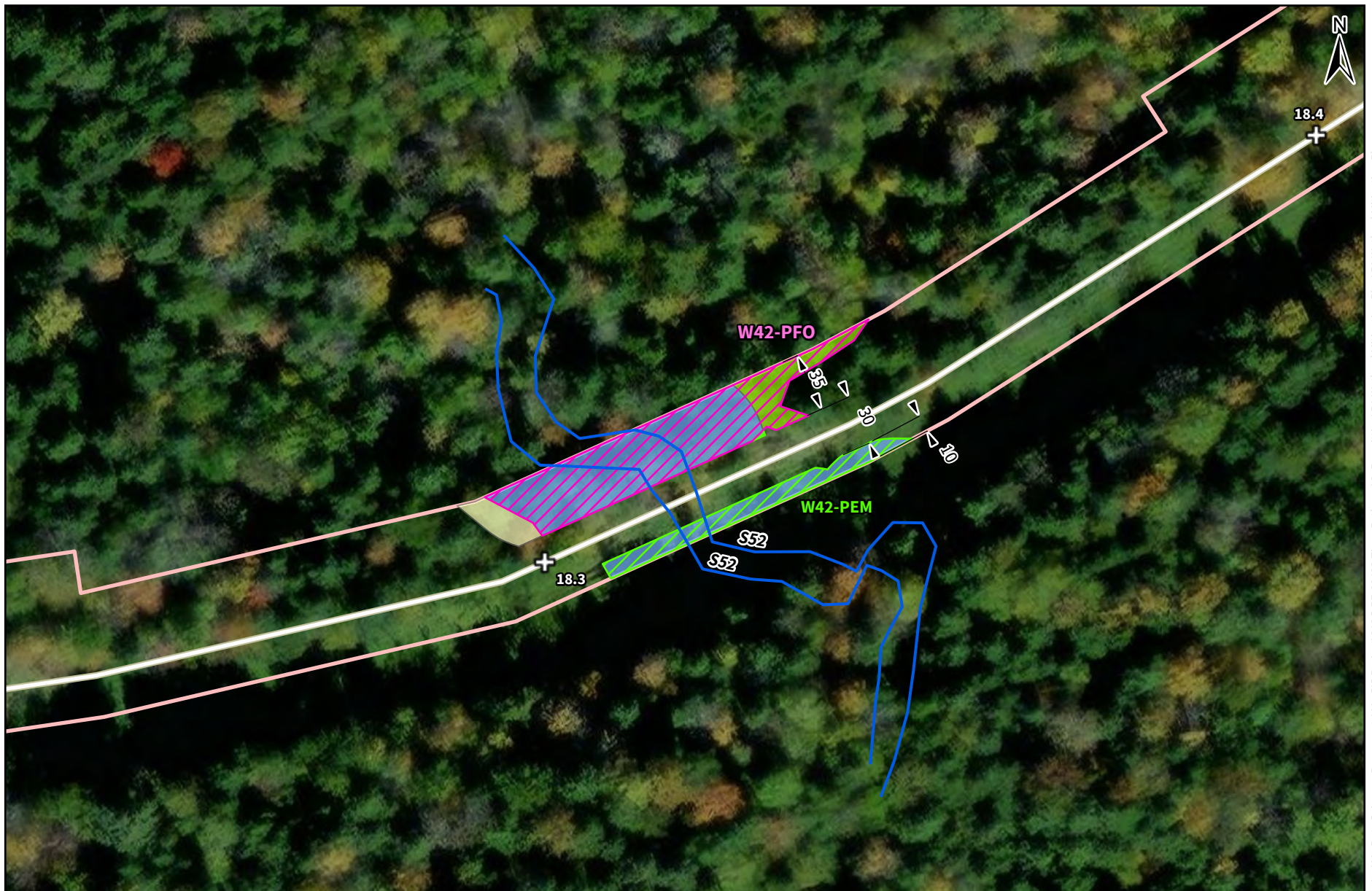
Basemap: ESRI, USGS Topographic (2023)

Figure S4.B
Tioga Pathway Project
Riparian Planting Areas
S50, S51
 Tioga County, Pennsylvania

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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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 Supply Corporation

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Basemap: ESRI, USGS Topographic (2023)

Meters
0 15 30 60