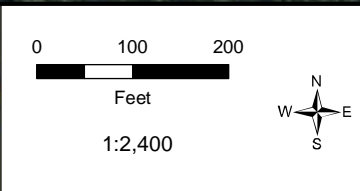
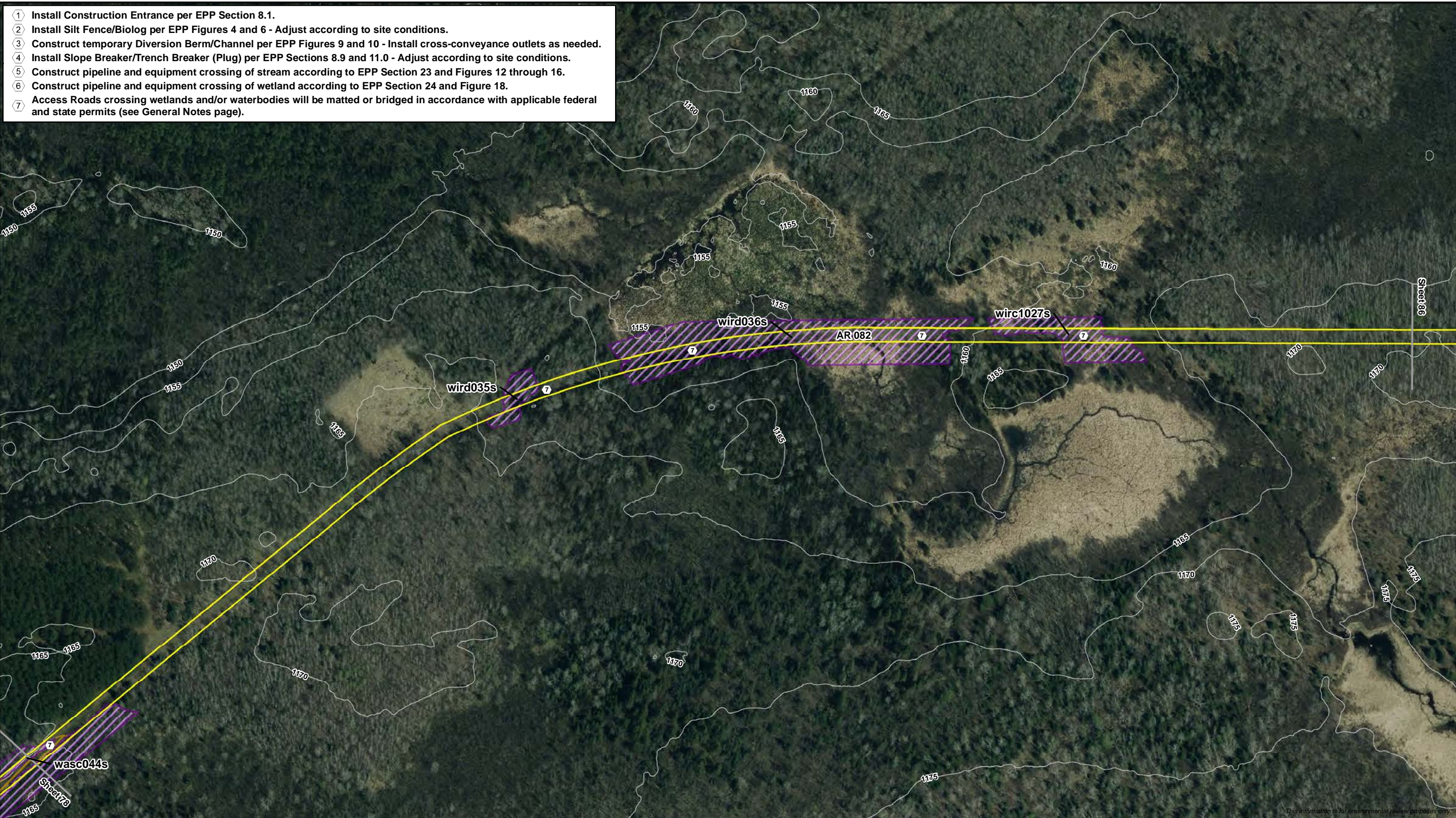


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- | | |
|-----------------------|----------------------------|
| Construction Entrance | Proposed Centerline |
| Trench Breaker/Plug | HDD/Direct Bore |
| Sediment Barrier | Proposed Workspace |
| >20% Ground Slope | Permanent Valve/Road |
| 5ft Contour | Existing Enbridge Pipeline |
| Milepost | |

- | | |
|-------------|------------------------|
| PFO Wetland | Perennial Waterbody |
| PSS Wetland | Intermittent Waterbody |
| PEM Wetland | Ephemeral Waterbody |
| Pond | |

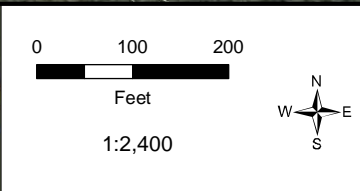
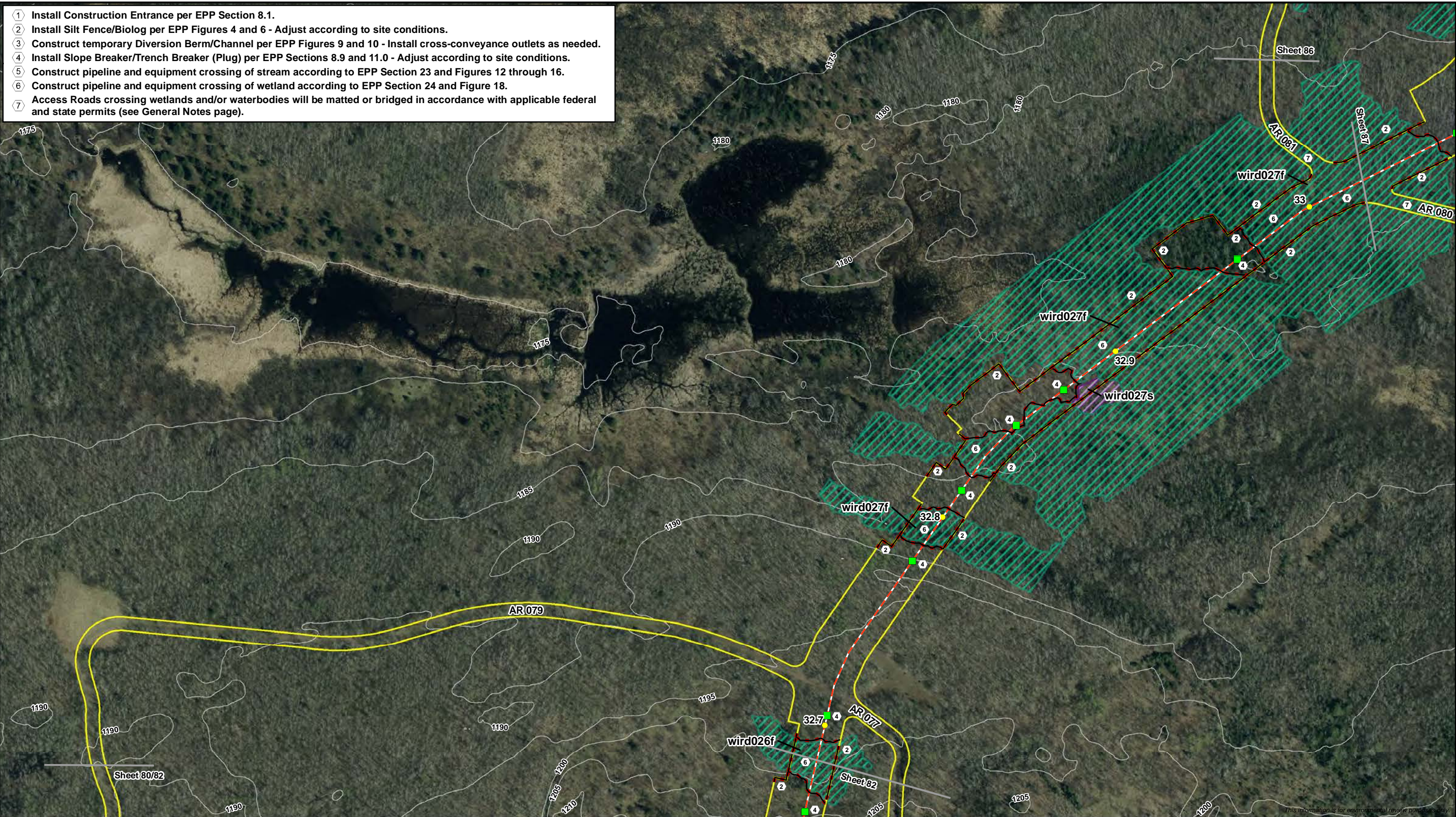
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Erosion and Sediment Control Plan
Line 5 Wisconsin Segment Relocation Project
Enbridge Energy, L.P.



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Trench Breaker/Plug	HDD/Direct Bore	PSS Wetland	Intermittent Waterbody
Sediment Barrier	Proposed Workspace	PEM Wetland	Ephemeral Waterbody
>20% Ground Slope	Permanent Valve/Road	Pond	
5ft Contour	Existing Enbridge Pipeline		
Milepost			

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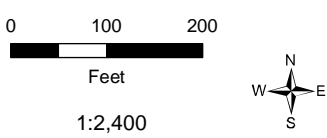
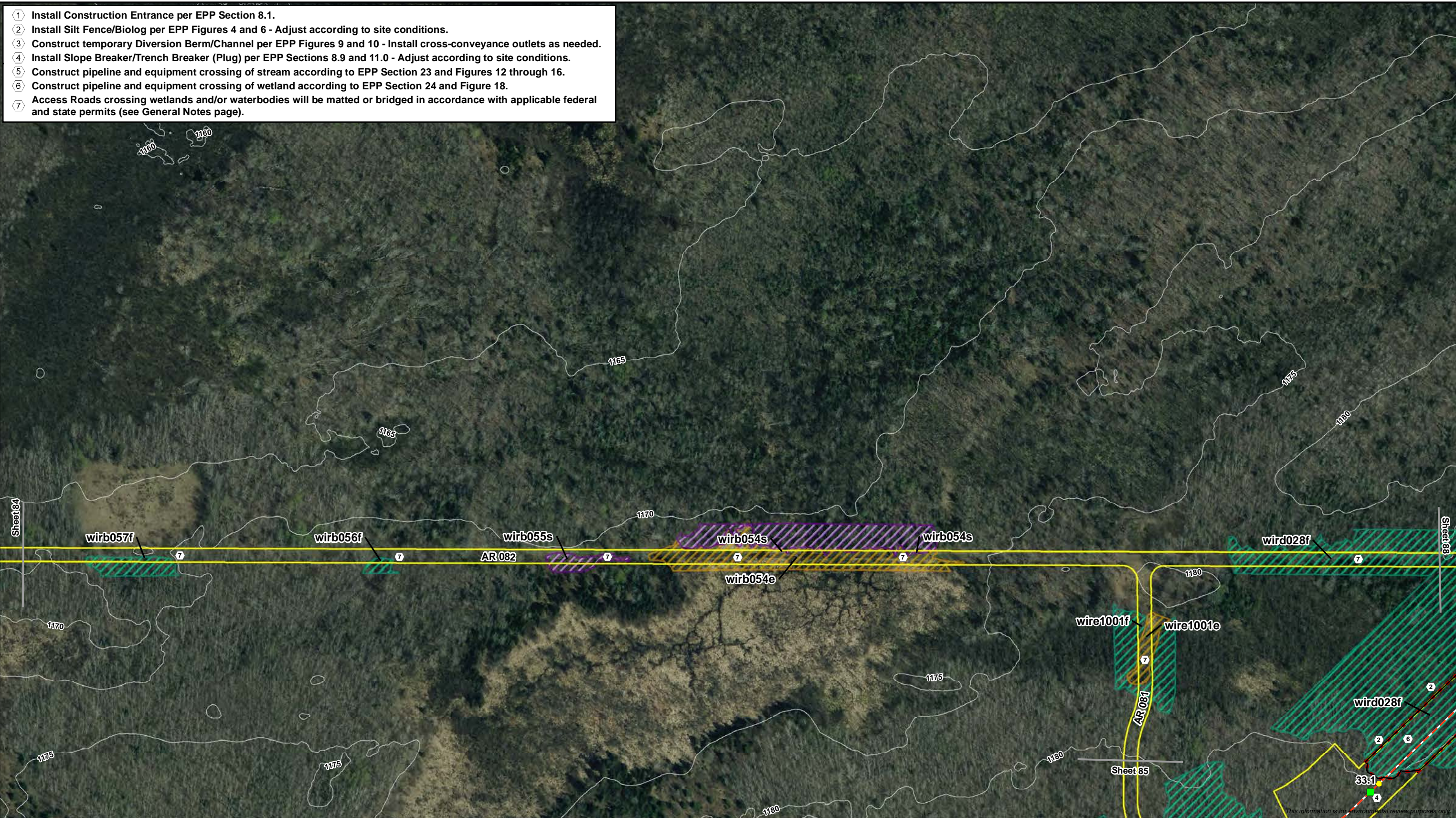
Erosion and Sediment Control Plan

Line 5 Wisconsin Segment Relocation Project

Enbridge Energy, L.P.

Sheet 85 of 115

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Milepost			

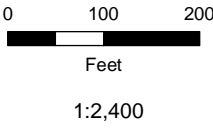
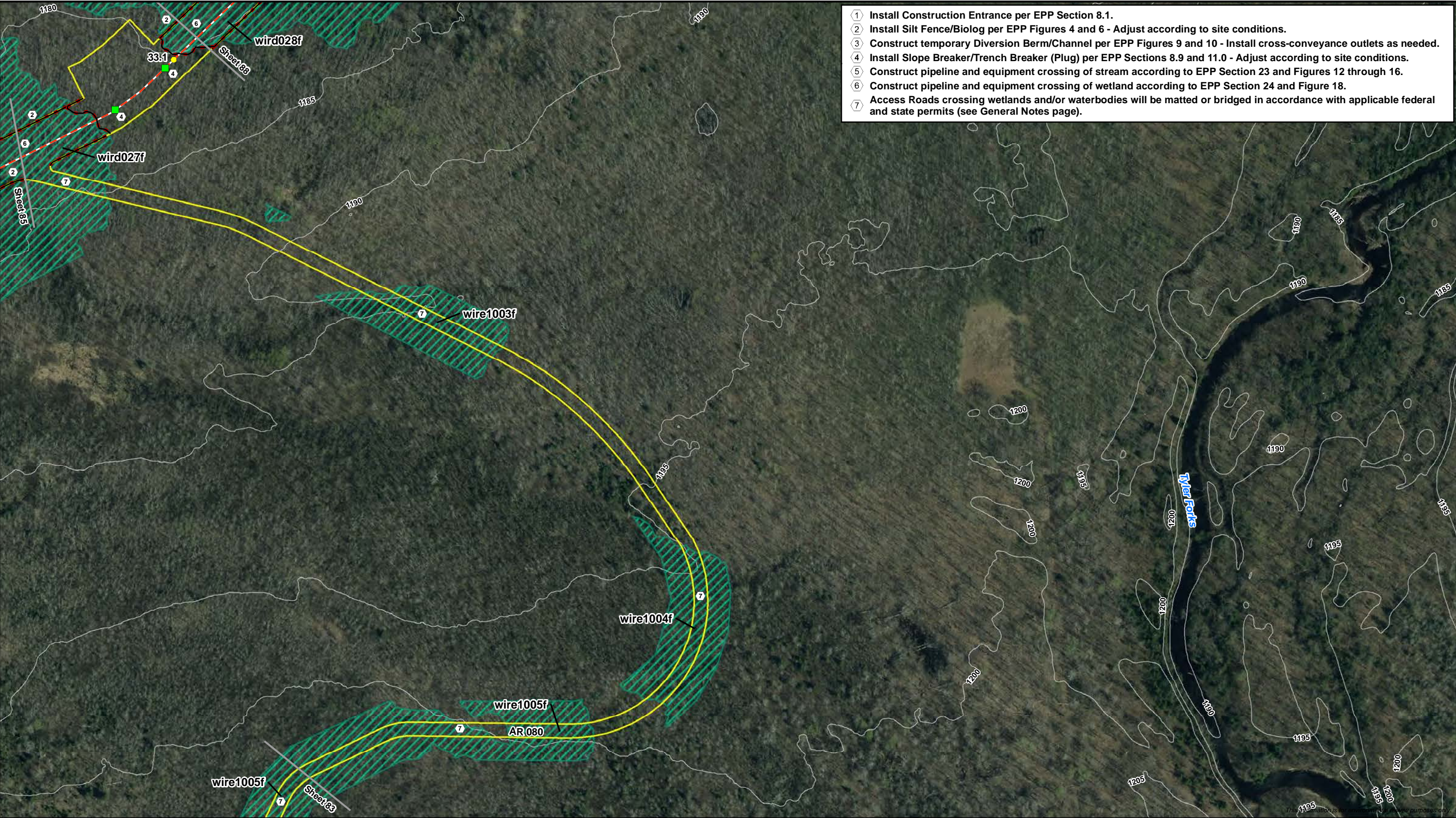
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Erosion and Sediment Control Plan
Line 5 Wisconsin Segment Relocation Project
Enbridge Energy, L.P.

Sheet 86 of 115

ERM logo



	Construction Entrance		Proposed Centerline
	Trench Breaker/Plug		HDD/Direct Bore
	Sediment Barrier		Proposed Workspace
	>20% Ground Slope		Permanent Valve/Road
	5ft Contour		Existing Enbridge Pipeline
	Milepost		

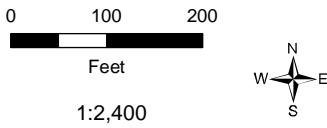
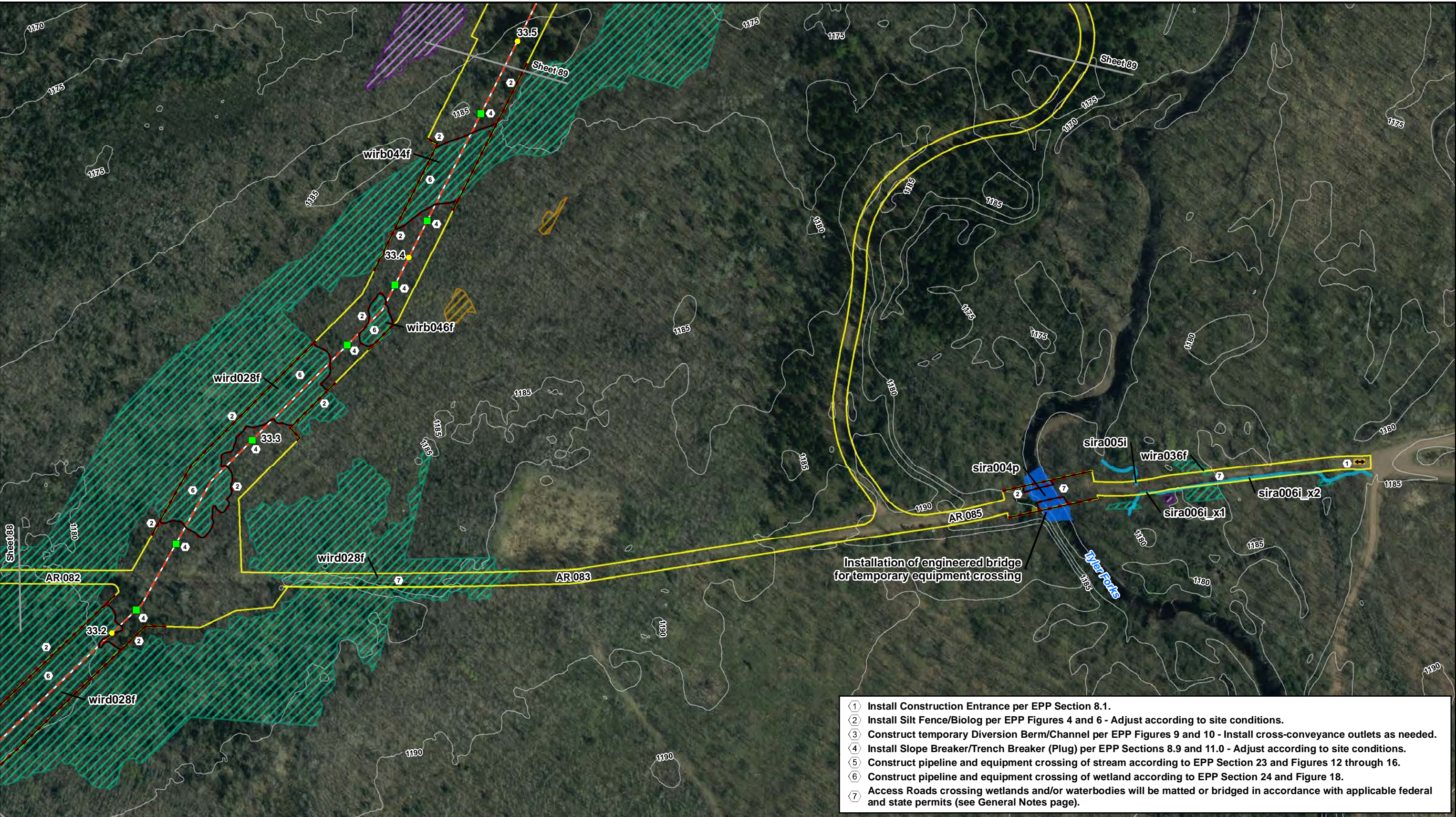
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	PSS Wetland		Intermittent Waterbody
	PEM Wetland		Ephemeral Waterbody
	Pond		

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Erosion and Sediment Control Plan
Line 5 Wisconsin Segment Relocation Project
Enbridge Energy, L.P.





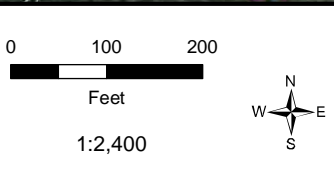
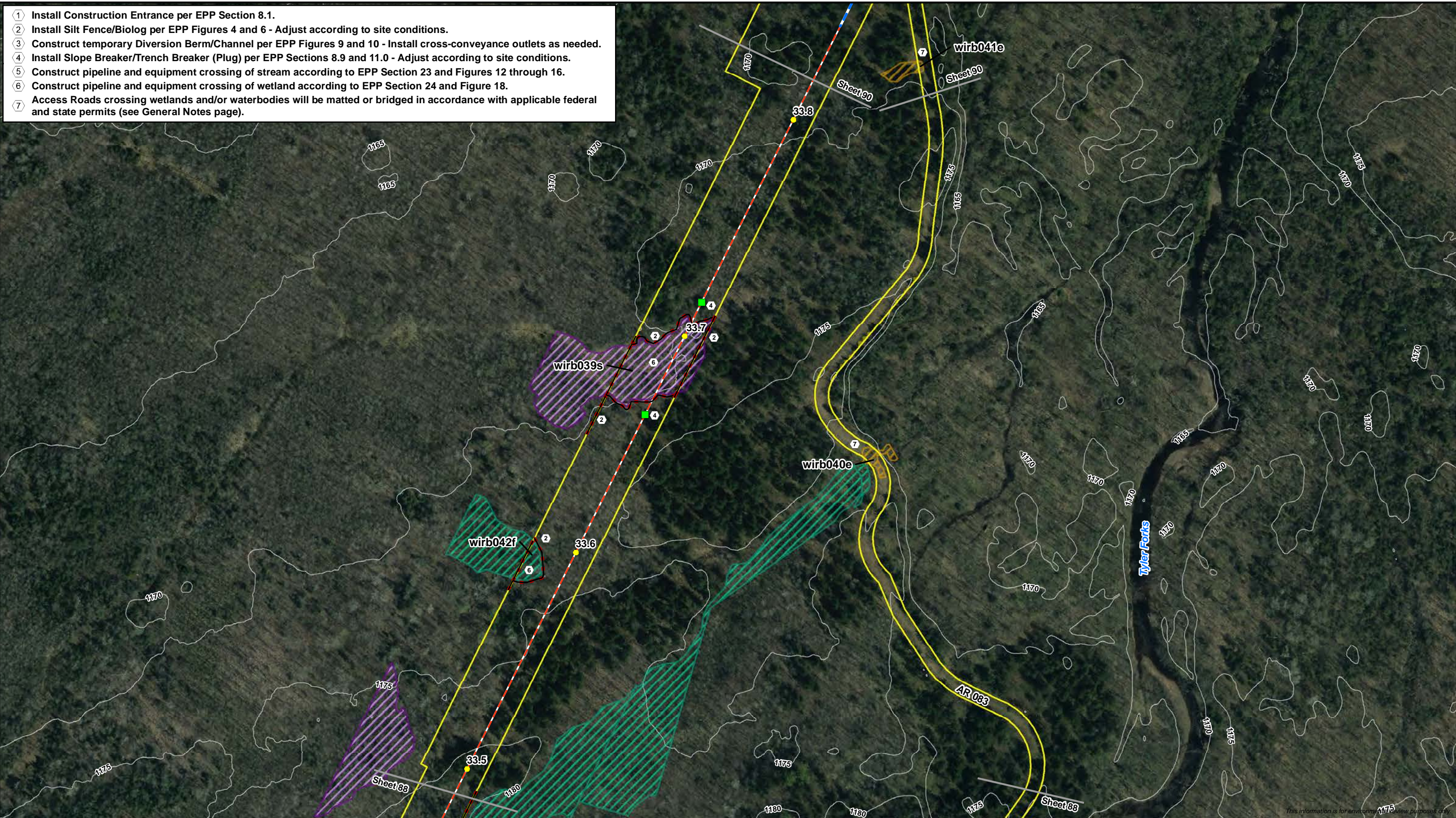
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Erosion and Sediment Control Plan
Line 5 Wisconsin Segment Relocation Project
Enbridge Energy, L.P.

Sheet 88 of 115

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5ft Contour	Existing Enbridge Pipeline		
Milepost			

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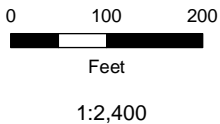
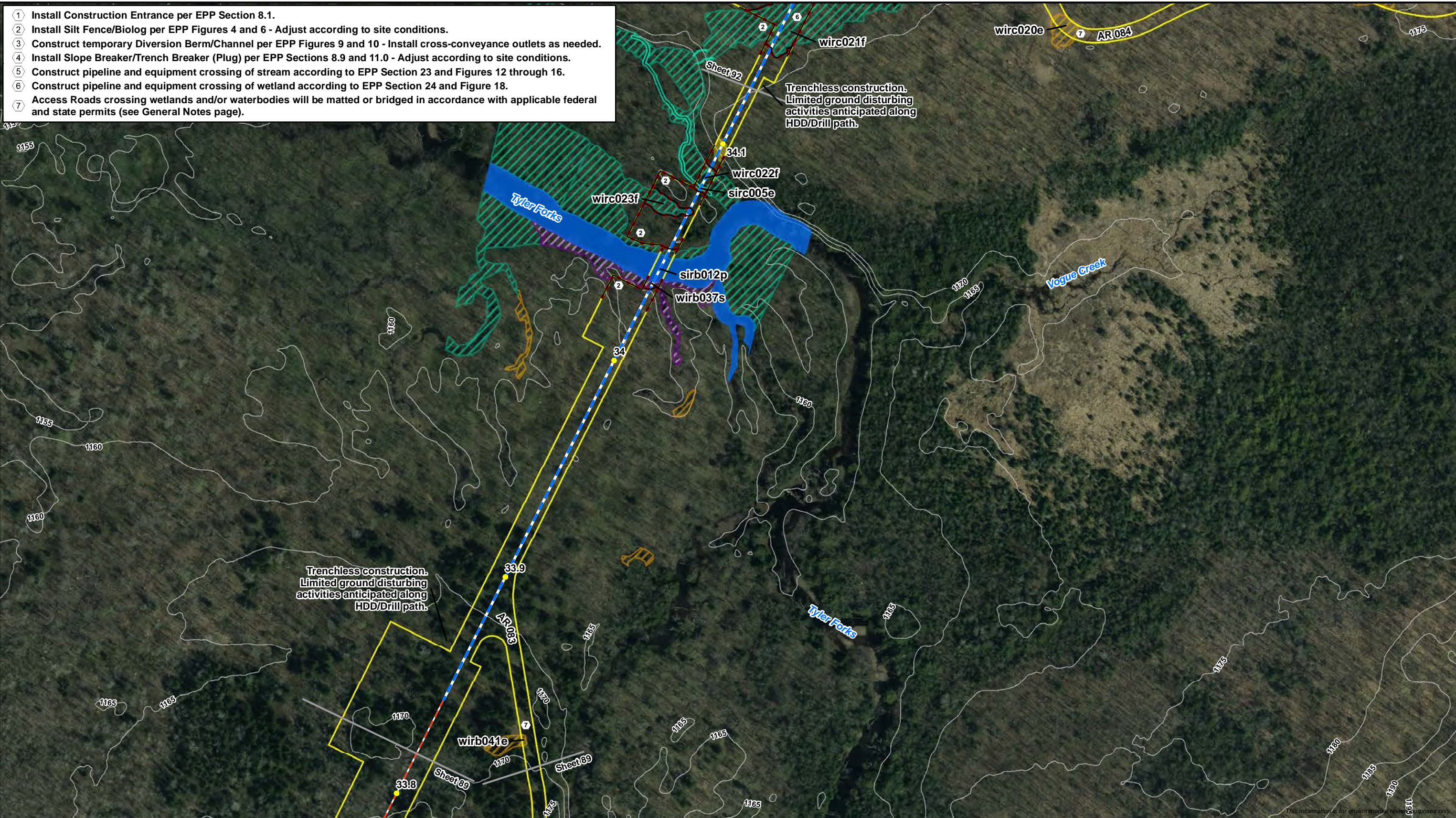


Erosion and Sediment Control Plan
Line 5 Wisconsin Segment Relocation Project
Enbridge Energy, L.P.

Sheet 89 of 115

ERM

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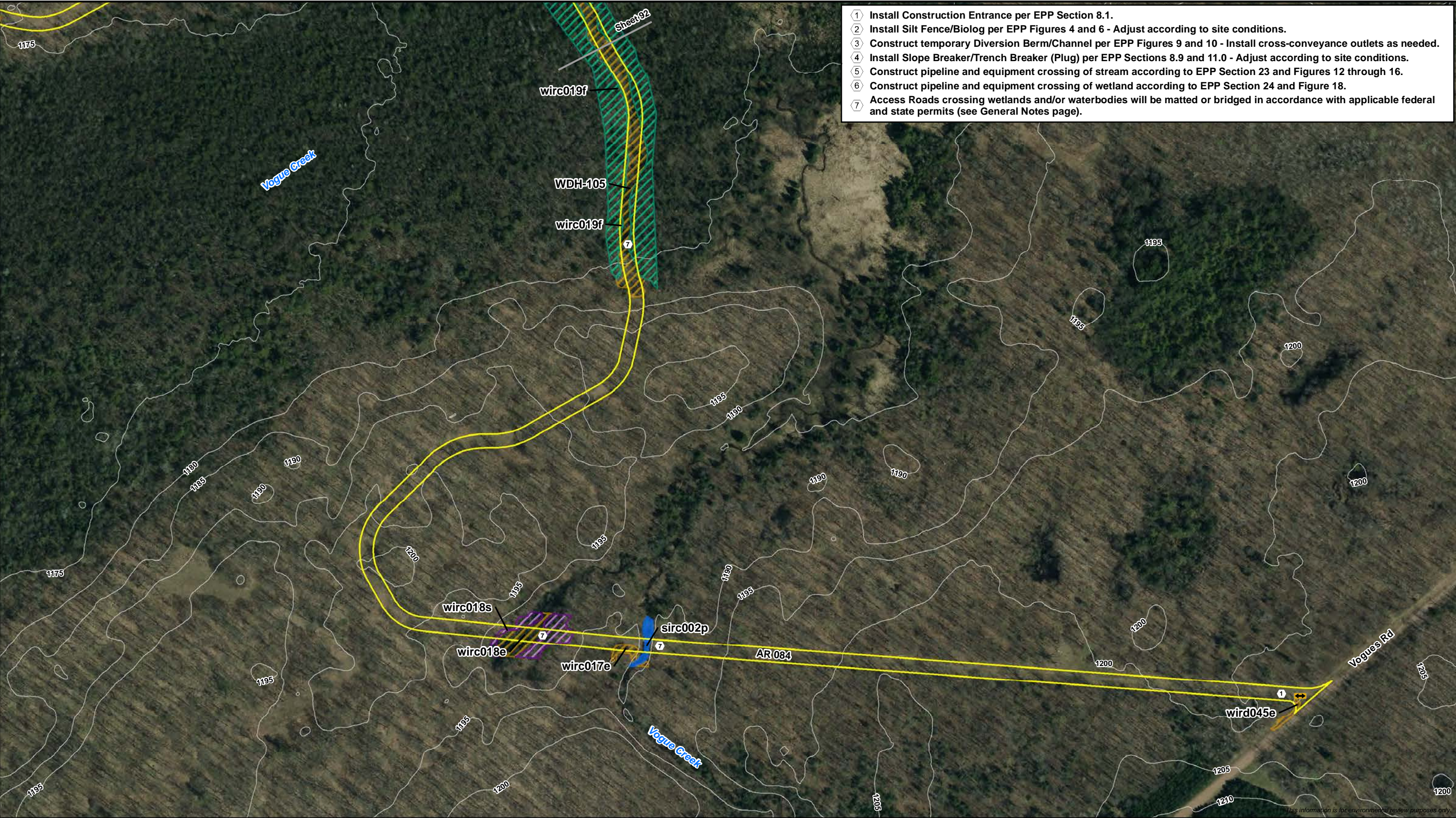
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|-----------------------|----------------------------|-------------|------------------------|
| Construction Entrance | Proposed Centerline | PFO Wetland | Perennial Waterbody |
| Trench Breaker/Plug | HDD/Direct Bore | PSS Wetland | Intermittent Waterbody |
| Sediment Barrier | Proposed Workspace | PEM Wetland | Ephemeral Waterbody |
| >20% Ground Slope | Permanent Valve/Road | Pond | |
| 5ft Contour | Existing Enbridge Pipeline | | |
| Milepost | | | |

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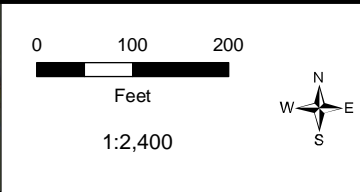


Erosion and Sediment Control Plan
Line 5 Wisconsin Segment Relocation Project
Enbridge Energy, L.P.





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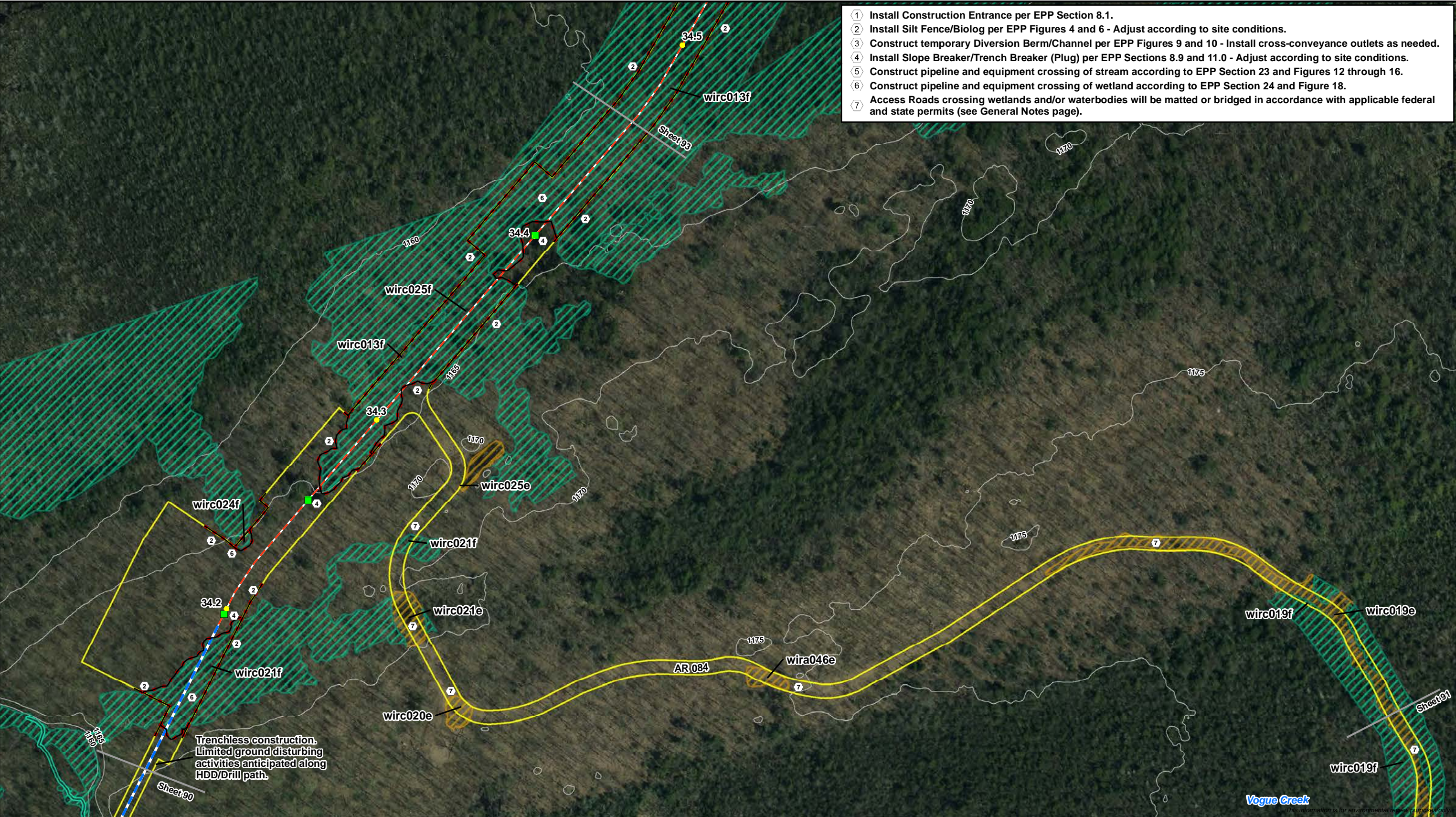
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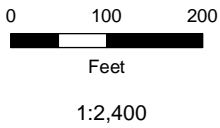


Erosion and Sediment Control Plan
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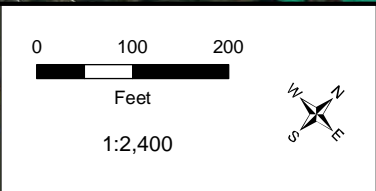
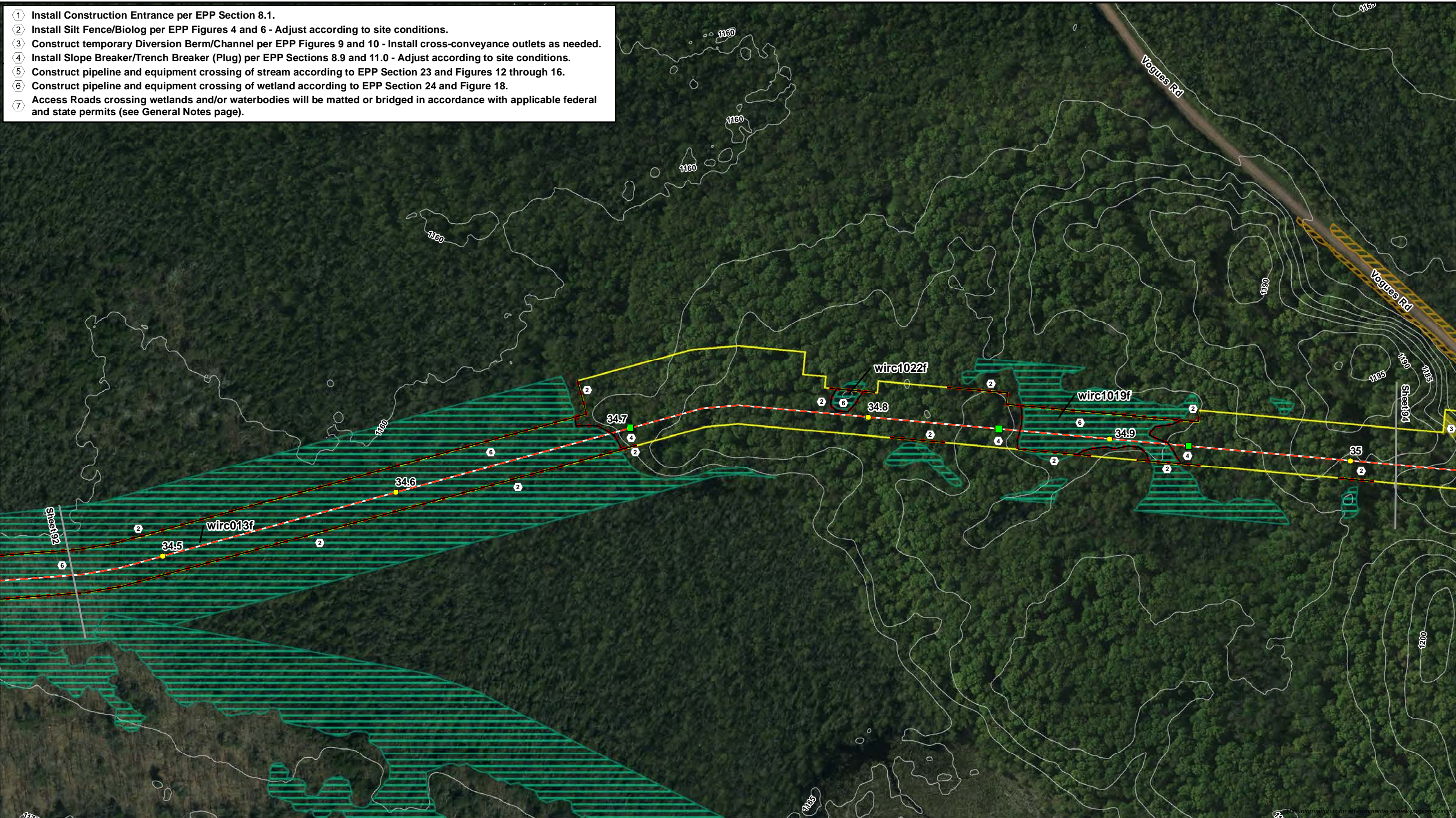
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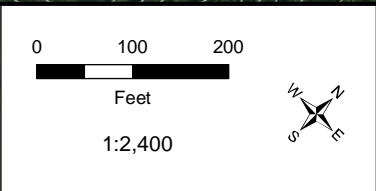
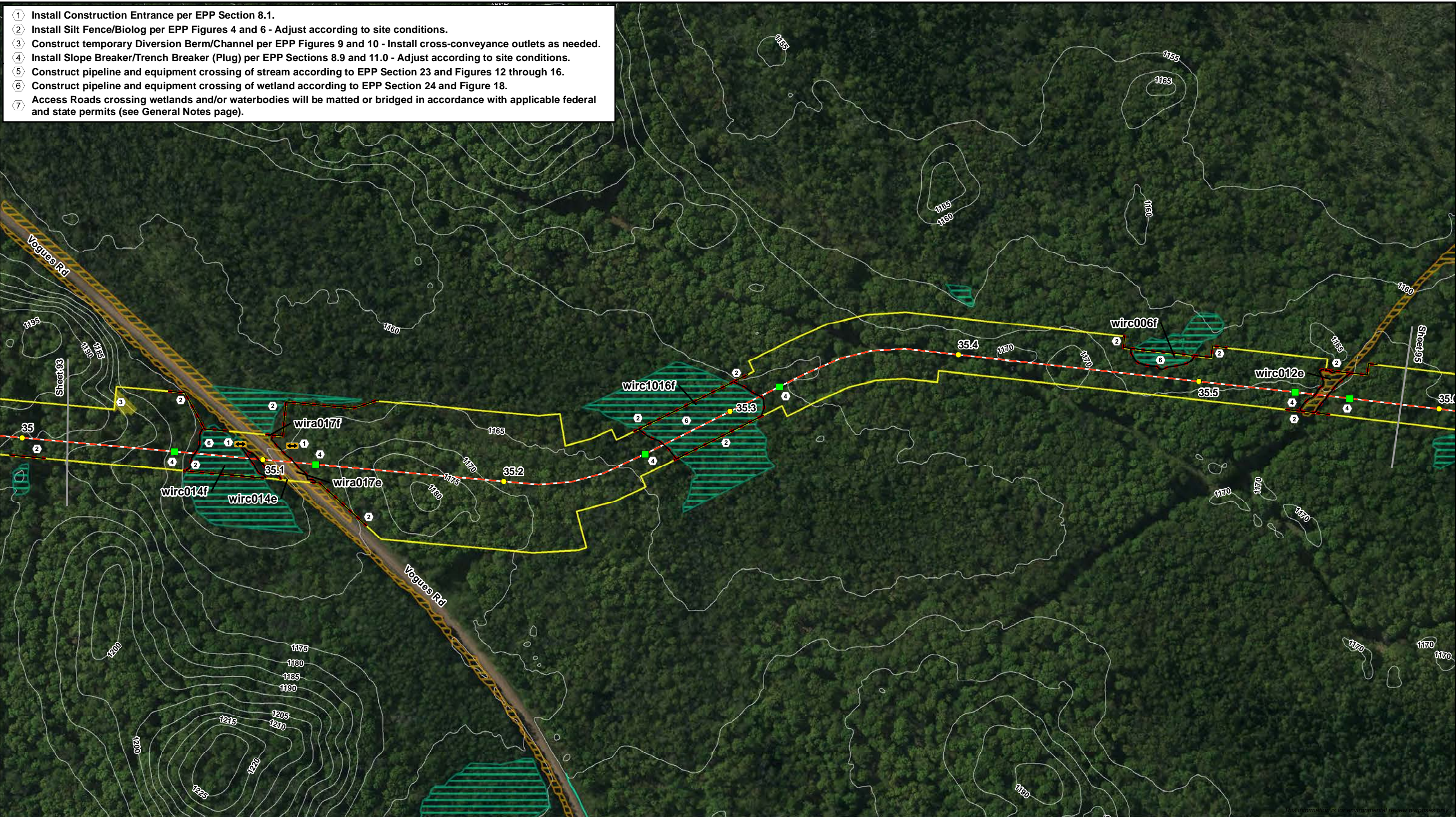
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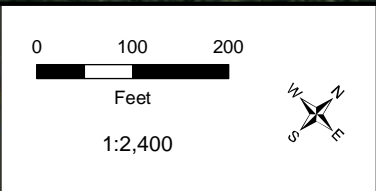
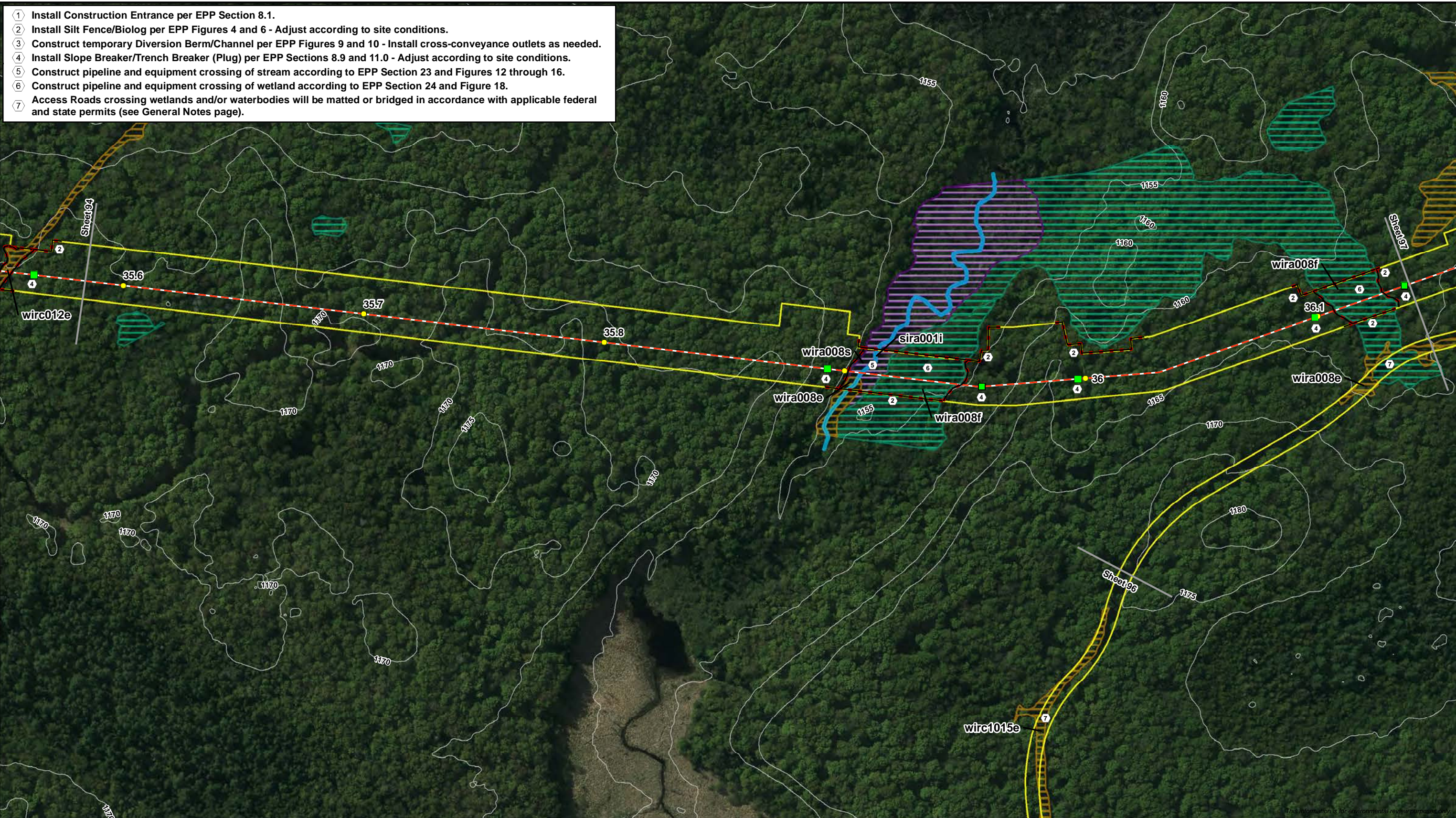


Erosion and Sediment Control Plan
Line 5 Wisconsin Segment Relocation Project
Enbridge Energy, L.P.



Sheet 94 of 115

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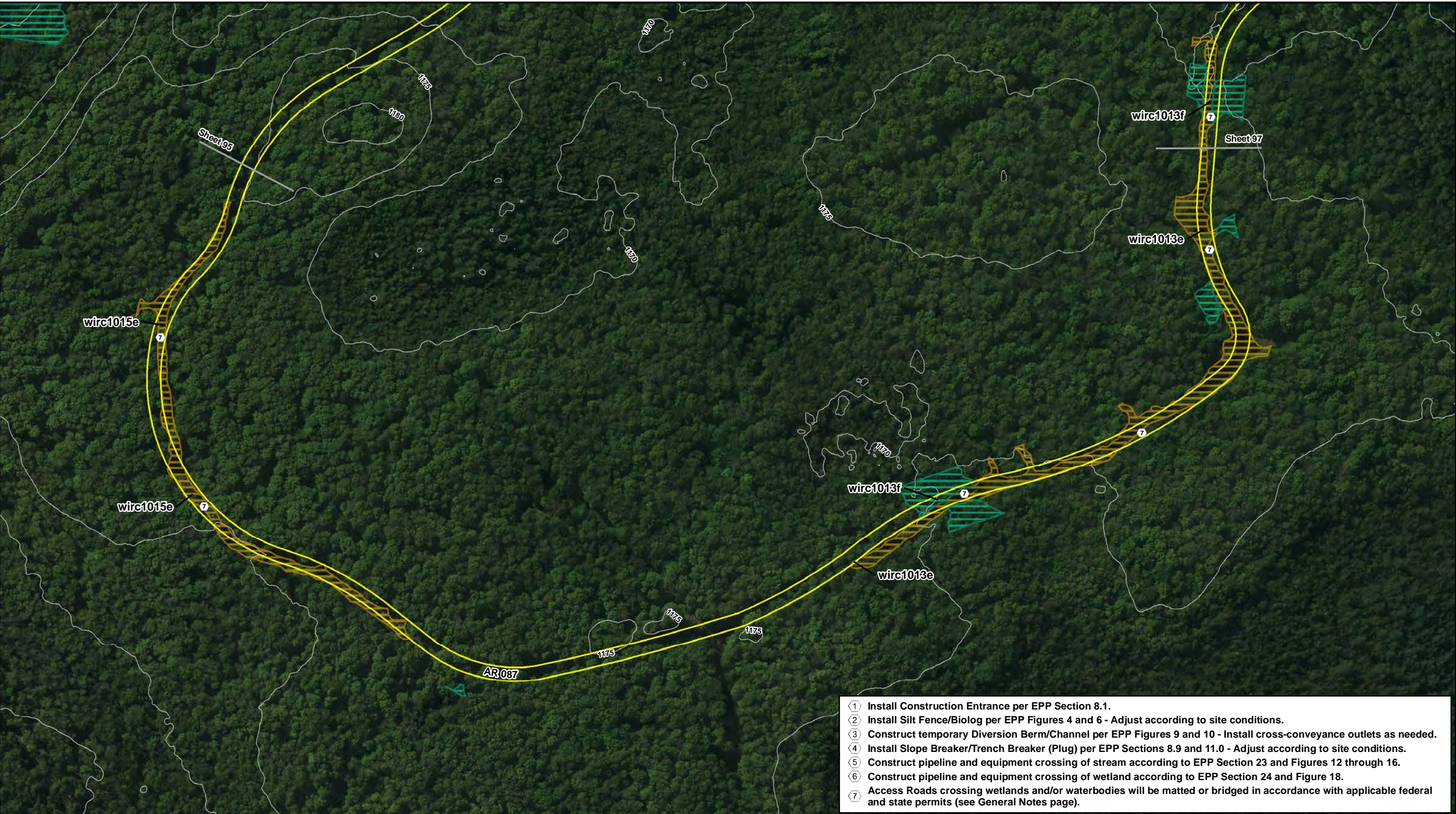


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|-----------------------|----------------------------|-------------|------------------------|
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| Milepost | | | |

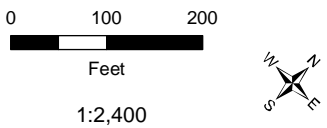
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Erosion and Sediment Control Plan
Line 5 Wisconsin Segment Relocation Project
Enbridge Energy, L.P.

Sheet 95 of 115



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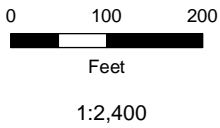
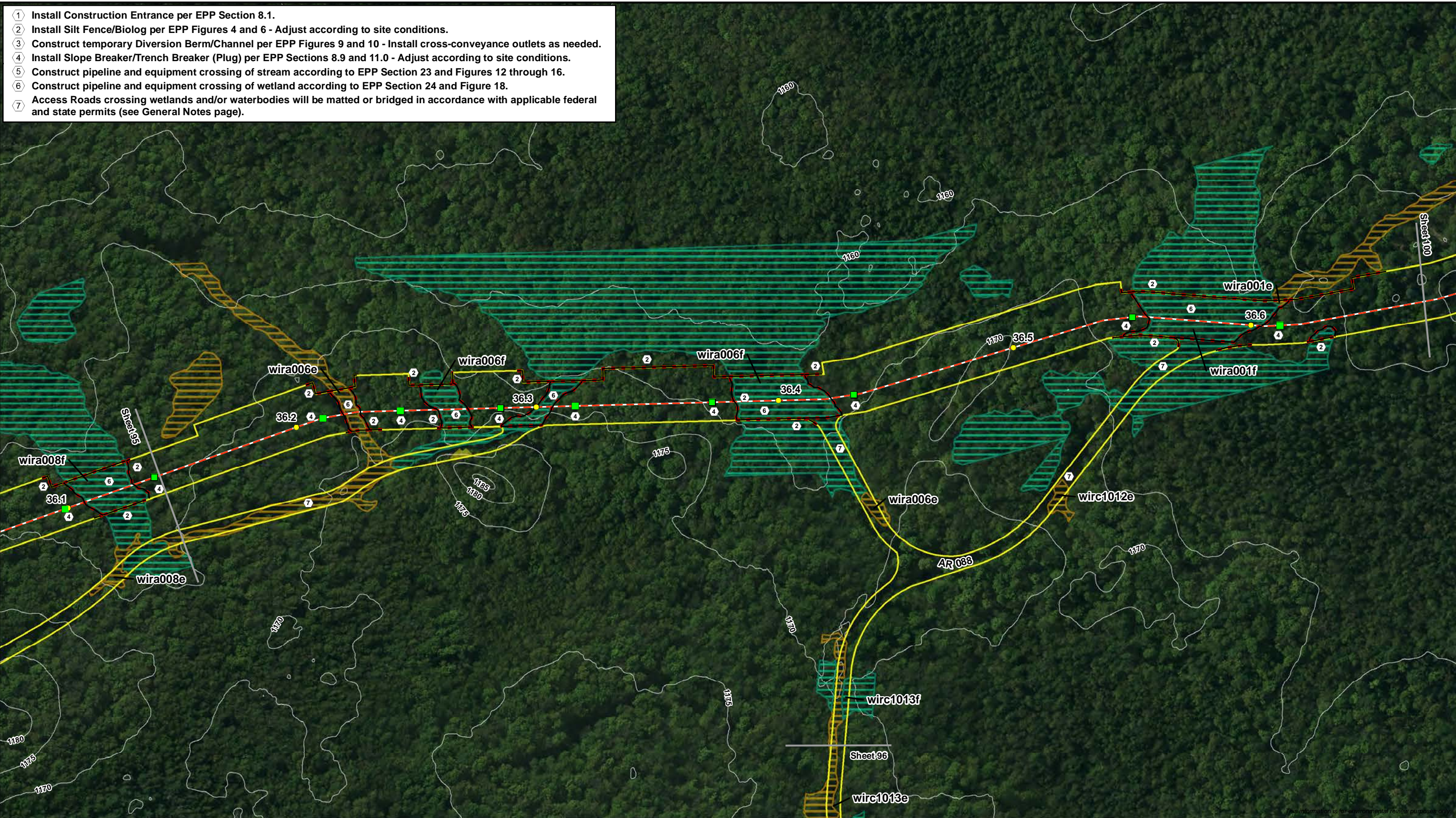
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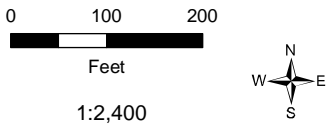
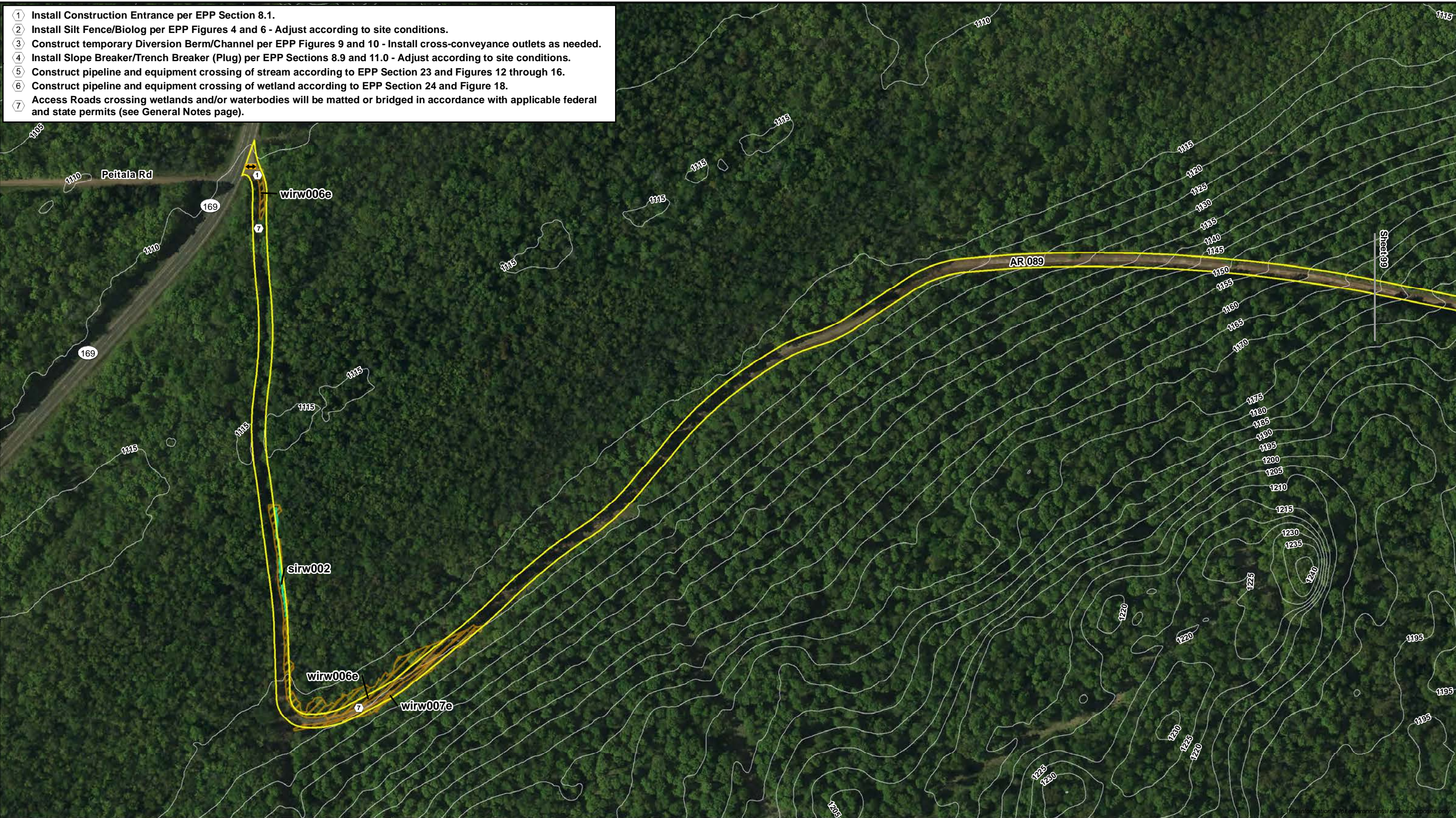
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Sediment Barrier	Proposed Workspace	PEM Wetland	Ephemeral Waterbody
>20% Ground Slope	Permanent Valve/Road	Pond	
5ft Contour	Existing Enbridge Pipeline		
Milepost			

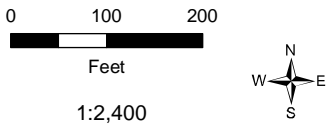
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Erosion and Sediment Control Plan
Line 5 Wisconsin Segment Relocation Project
Enbridge Energy, L.P.



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Construction Entrance	Proposed Centerline	PFO Wetland	Perennial Waterbody
Trench Breaker/Plug	HDD/Direct Bore	PSS Wetland	Intermittent Waterbody
Sediment Barrier	Proposed Workspace	PEM Wetland	Ephemeral Waterbody
>20% Ground Slope	Permanent Valve/Road	Pond	
5ft Contour	Existing Enbridge Pipeline		
Milepost			

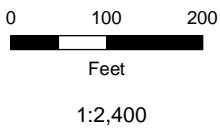
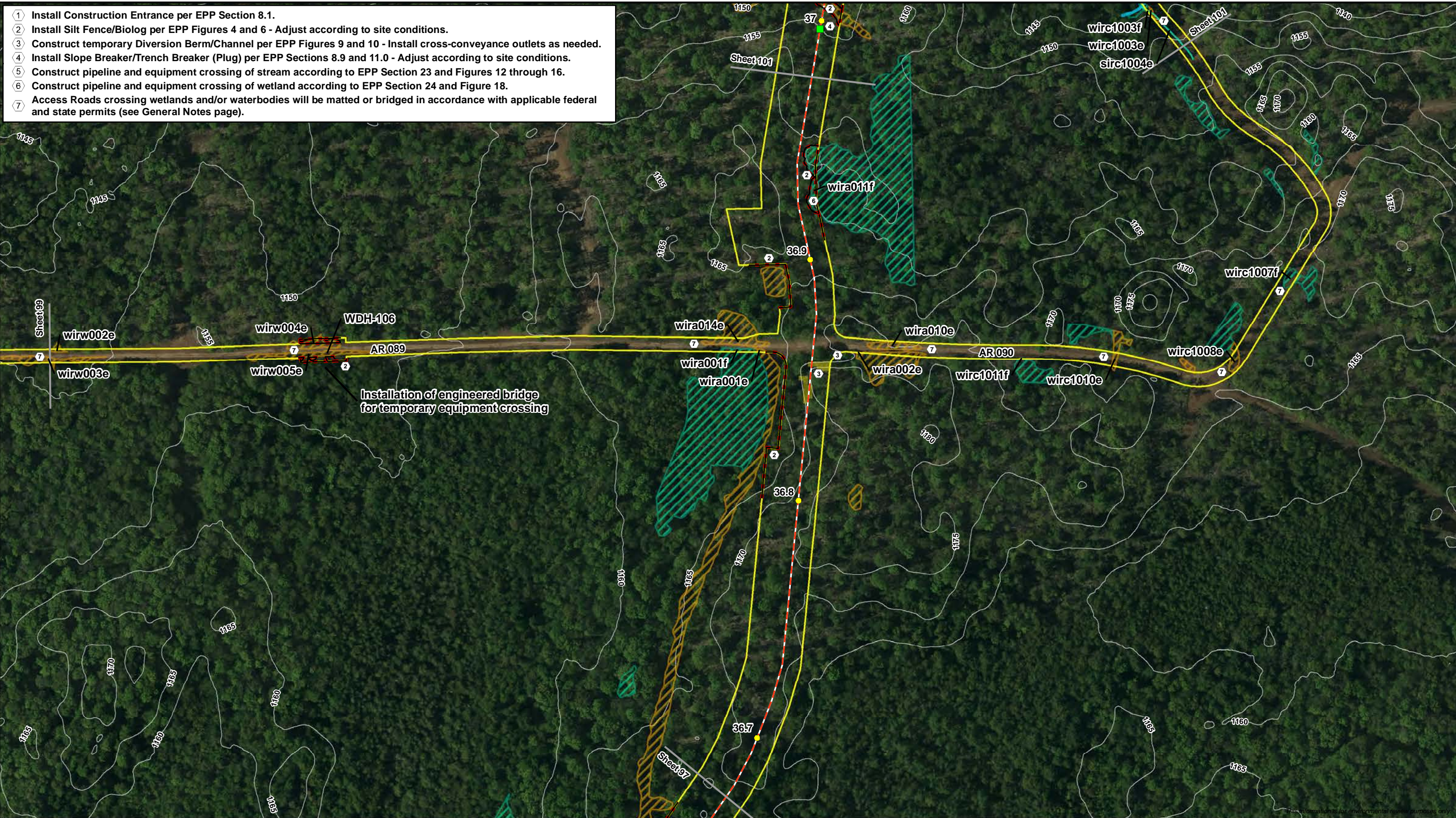
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Line 5 Wisconsin Segment Relocation Project
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- | | | | |
|-----------------------|----------------------------|-------------|------------------------|
| Construction Entrance | Proposed Centerline | PFO Wetland | Perennial Waterbody |
| Trench Breaker/Plug | HDD/Direct Bore | PSS Wetland | Intermittent Waterbody |
| Sediment Barrier | Proposed Workspace | PEM Wetland | Ephemeral Waterbody |
| >20% Ground Slope | Permanent Valve/Road | Pond | |
| 5ft Contour | Existing Enbridge Pipeline | | |
| Milepost | | | |

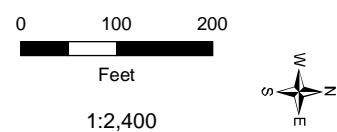
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Erosion and Sediment Control Plan
Line 5 Wisconsin Segment Relocation Project
Enbridge Energy, L.P.



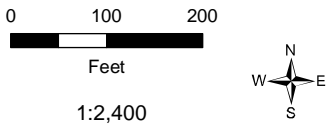
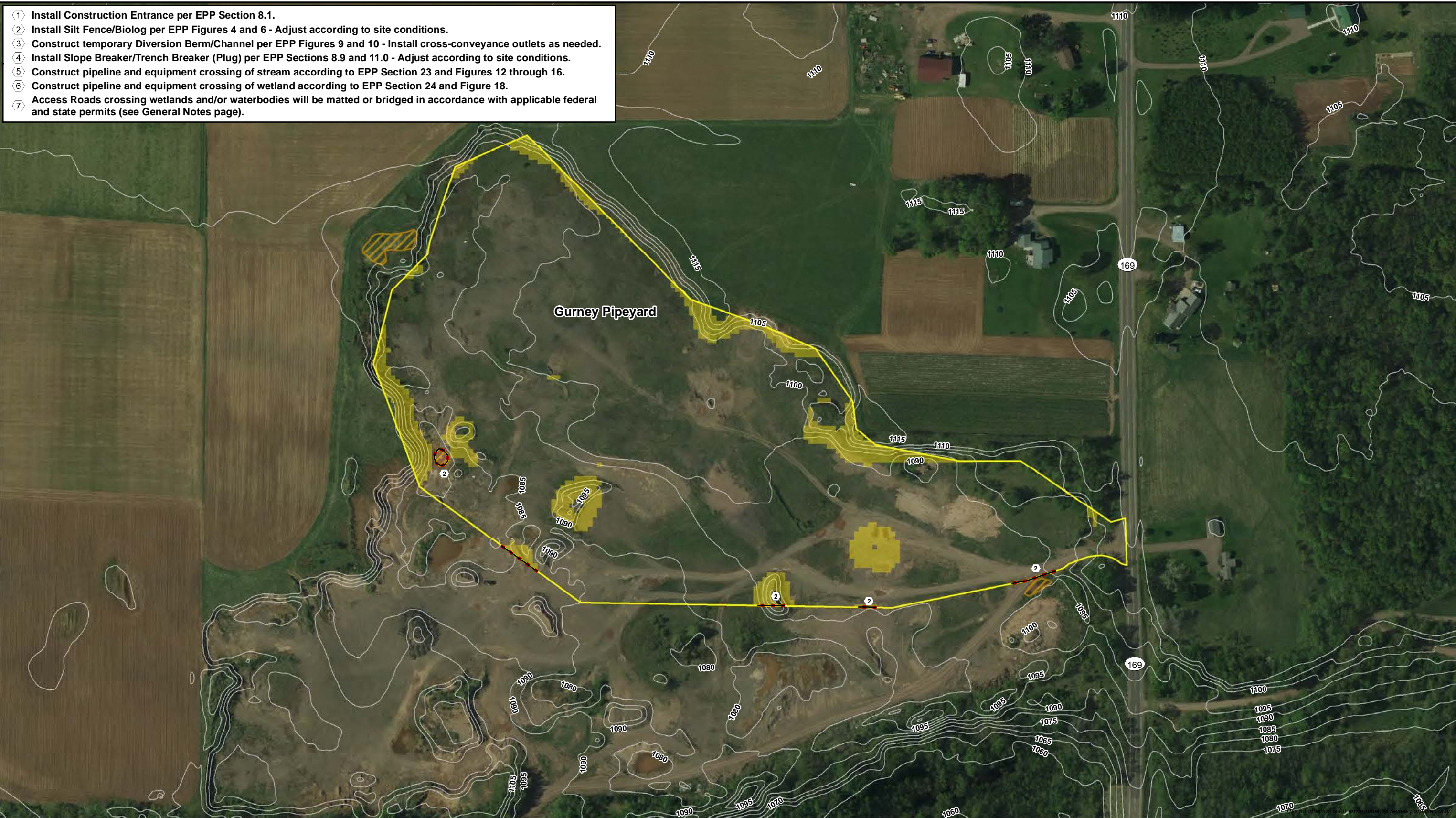
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- wira012e
 wira013f
 wira014f
 wirc1002f
 sirc1003i
 wirc1003f
 wirc1003e
 sirc1004e
- AR090
 AR091
- Sheet 100
 Sheet 103
- Potato River
- Trenchless construction. Limited ground disturbing activities anticipated along HDD/Drill path.



-  PFO Wetland
  Perennial Waterbody
 PSS Wetland
  Intermittent Waterbody
 PEM Wetland
  Ephemeral Waterbody
 Pond
  Modeled best management practices (BMP)



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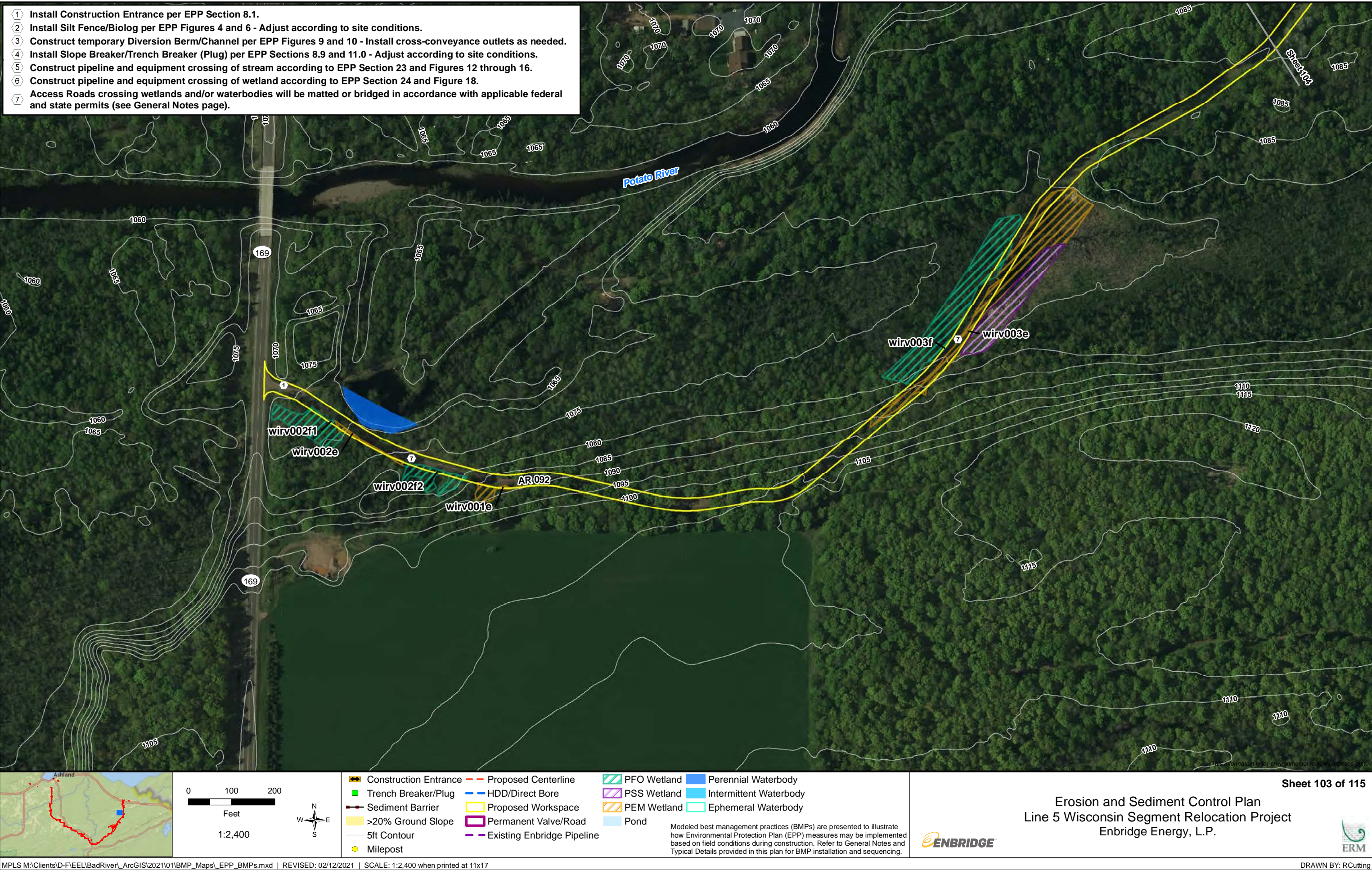
Construction Entrance	Proposed Centerline	PFO Wetland	Perennial Waterbody
Trench Breaker/Plug	HDD/Direct Bore	PSS Wetland	Intermittent Waterbody
Sediment Barrier	Proposed Workspace	PEM Wetland	Ephemeral Waterbody
>20% Ground Slope	Permanent Valve/Road	Pond	
5ft Contour	Existing Enbridge Pipeline		
Milepost			

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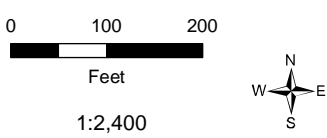
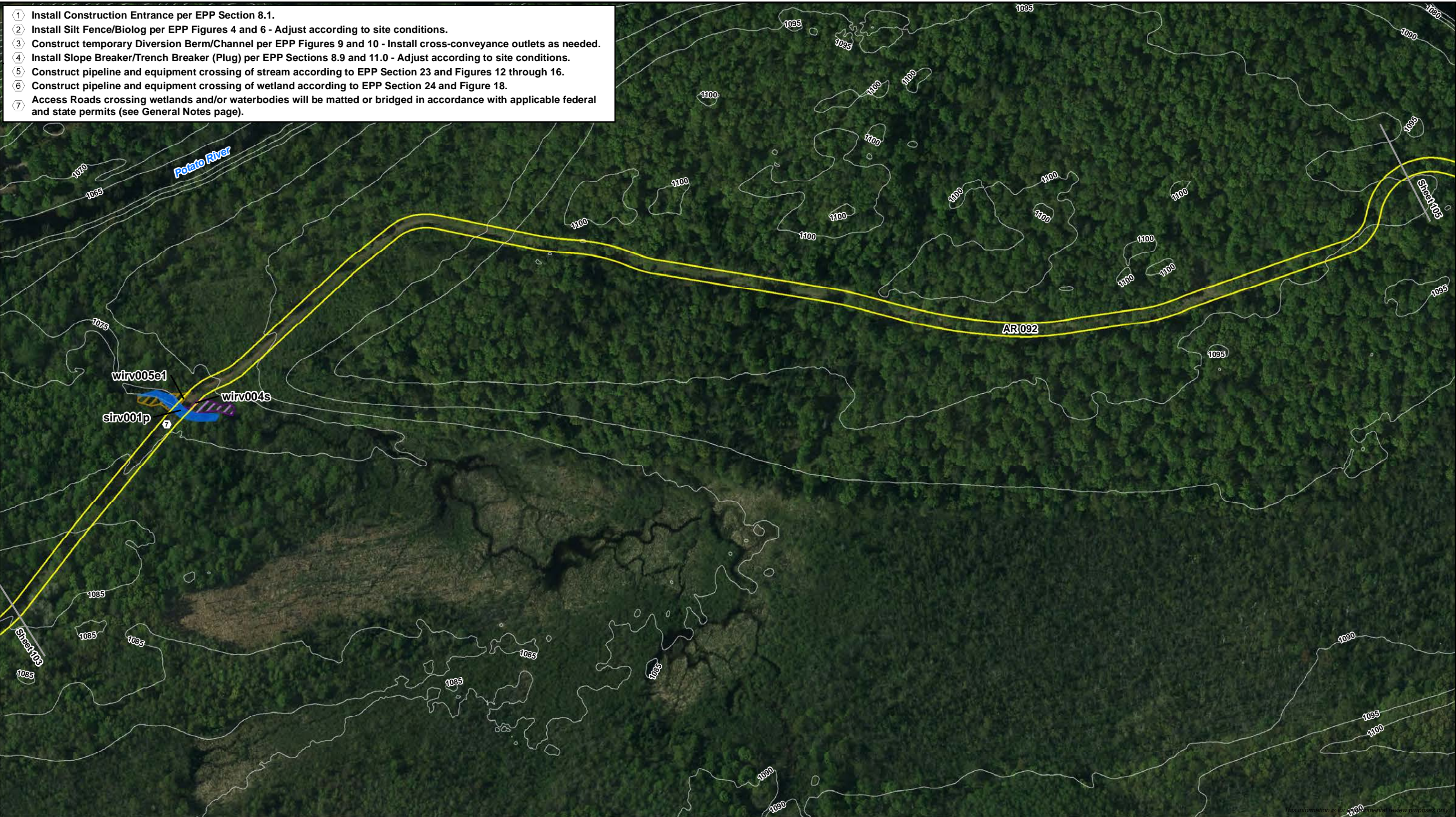


Erosion and Sediment Control Plan
Line 5 Wisconsin Segment Relocation Project
Enbridge Energy, L.P.





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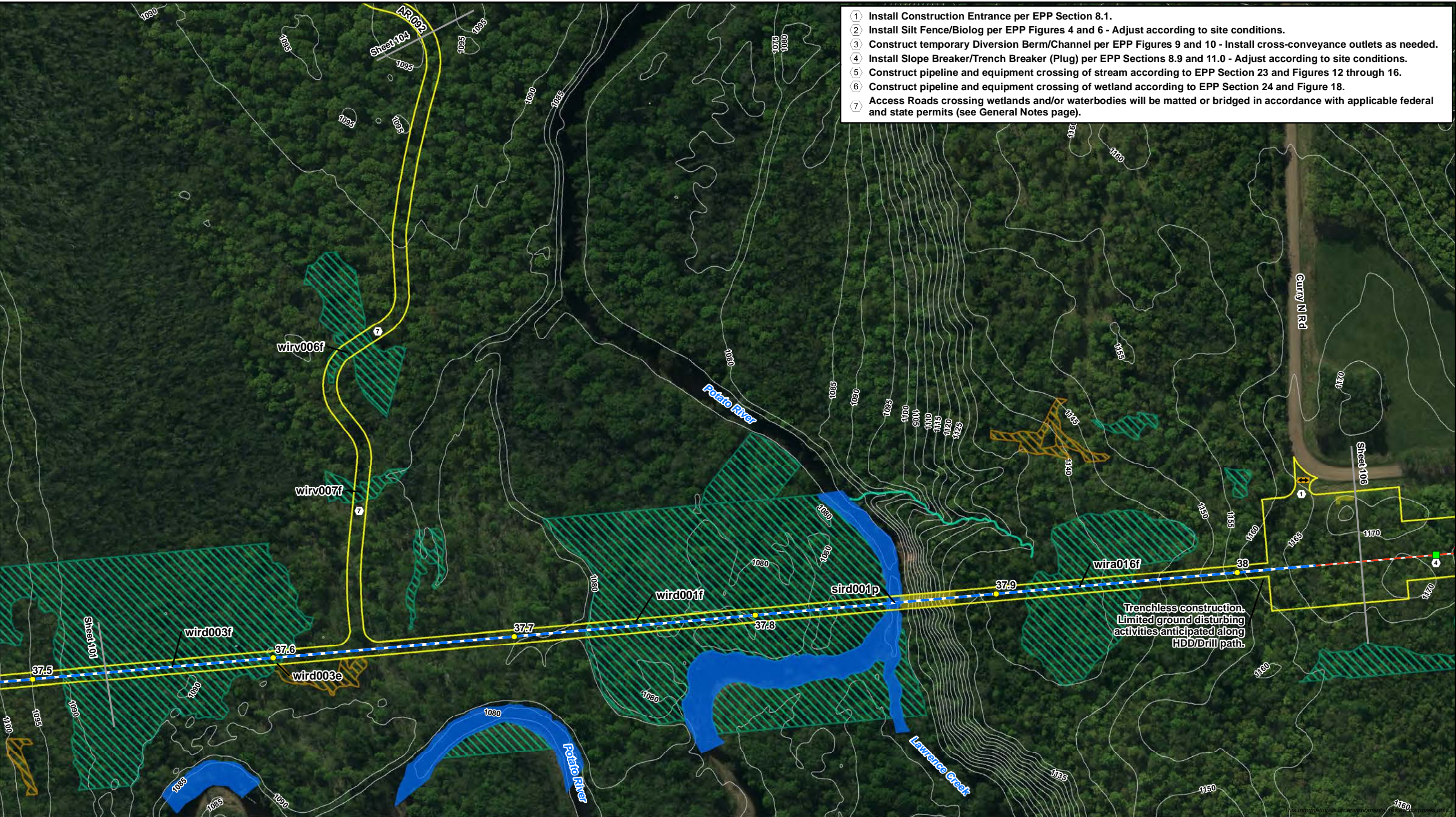
Construction Entrance	Proposed Centerline	PFO Wetland	Perennial Waterbody
Trench Breaker/Plug	HDD/Direct Bore	PSS Wetland	Intermittent Waterbody
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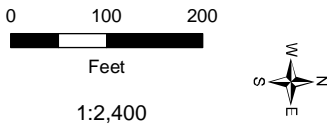
Erosion and Sediment Control Plan
Line 5 Wisconsin Segment Relocation Project
Enbridge Energy, L.P.





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Trenchless construction.
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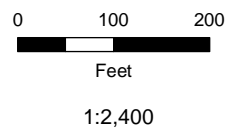
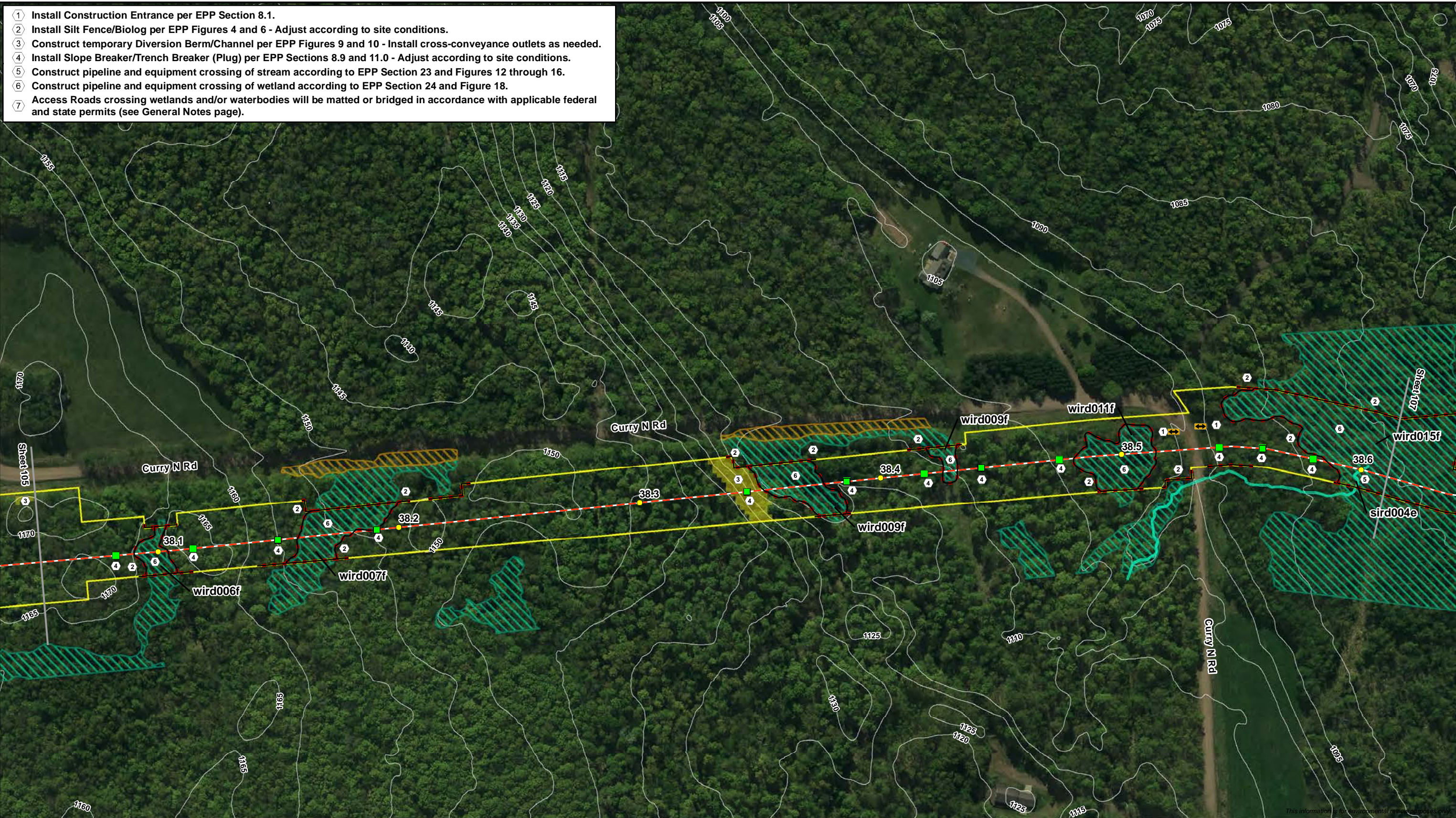
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Erosion and Sediment Control Plan
Line 5 Wisconsin Segment Relocation Project
Enbridge Energy, L.P.

Sheet 105 of 115

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- | | |
|-----------------------|----------------------------|
| Construction Entrance | Proposed Centerline |
| Trench Breaker/Plug | HDD/Direct Bore |
| Sediment Barrier | Proposed Workspace |
| >20% Ground Slope | Permanent Valve/Road |
| 5ft Contour | Existing Enbridge Pipeline |
| Milepost | |

- | | |
|-------------|------------------------|
| PFO Wetland | Perennial Waterbody |
| PSS Wetland | Intermittent Waterbody |
| PEM Wetland | Ephemeral Waterbody |
| Pond | |

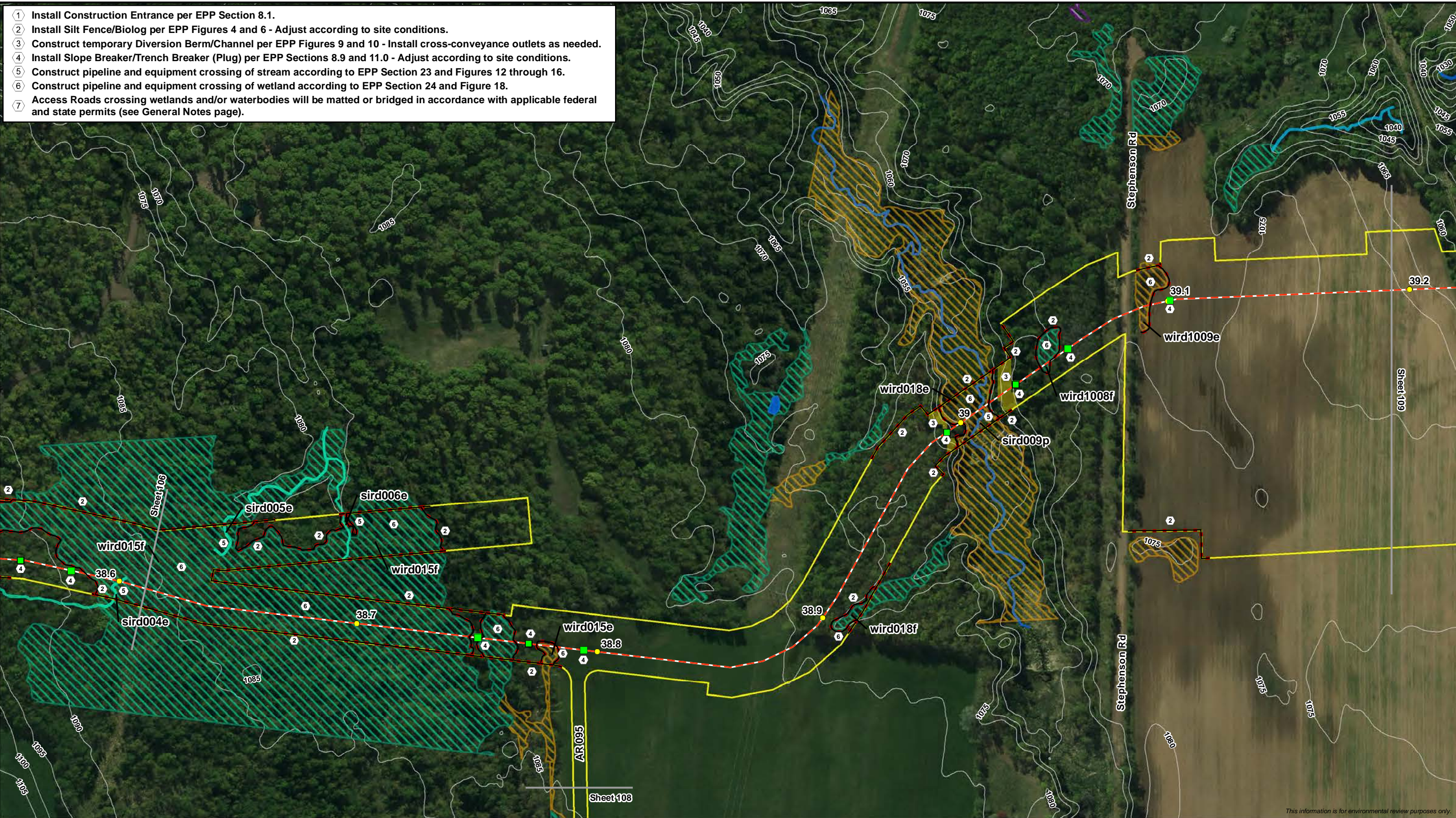
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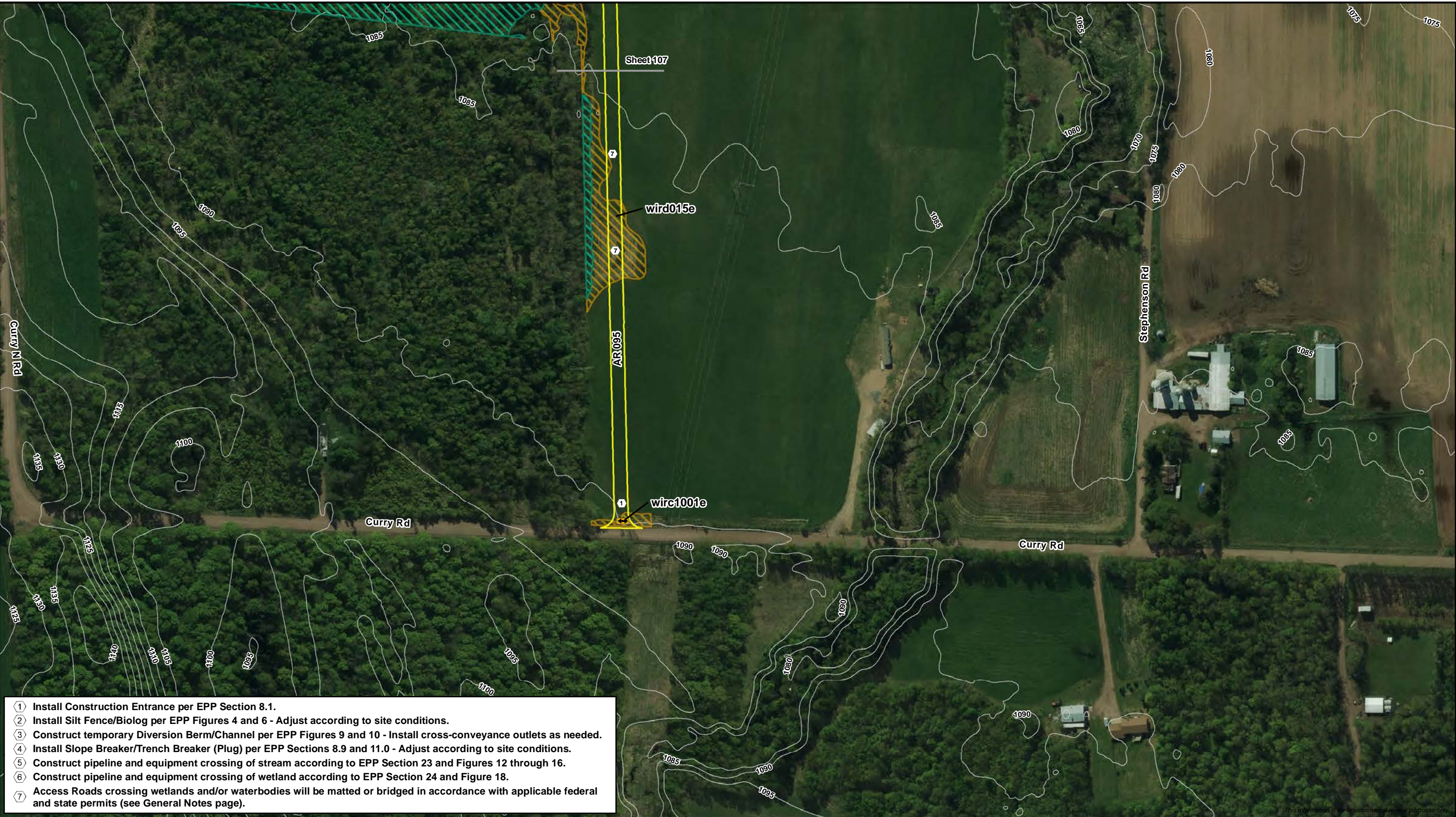


Erosion and Sediment Control Plan
Line 5 Wisconsin Segment Relocation Project
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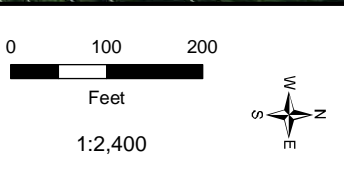


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- Construction Entrance
- Trench Breaker/Plug
- Sediment Barrier
- >20% Ground Slope
- 5ft Contour
- Milepost
- Proposed Centerline
- HDD/Direct Bore
- Proposed Workspace
- Permanent Valve/Road
- Existing Enbridge Pipeline
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- PEM Wetland
- Pond
- Perennial Waterbody
- Intermittent Waterbody
- Ephemeral Waterbody

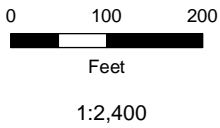
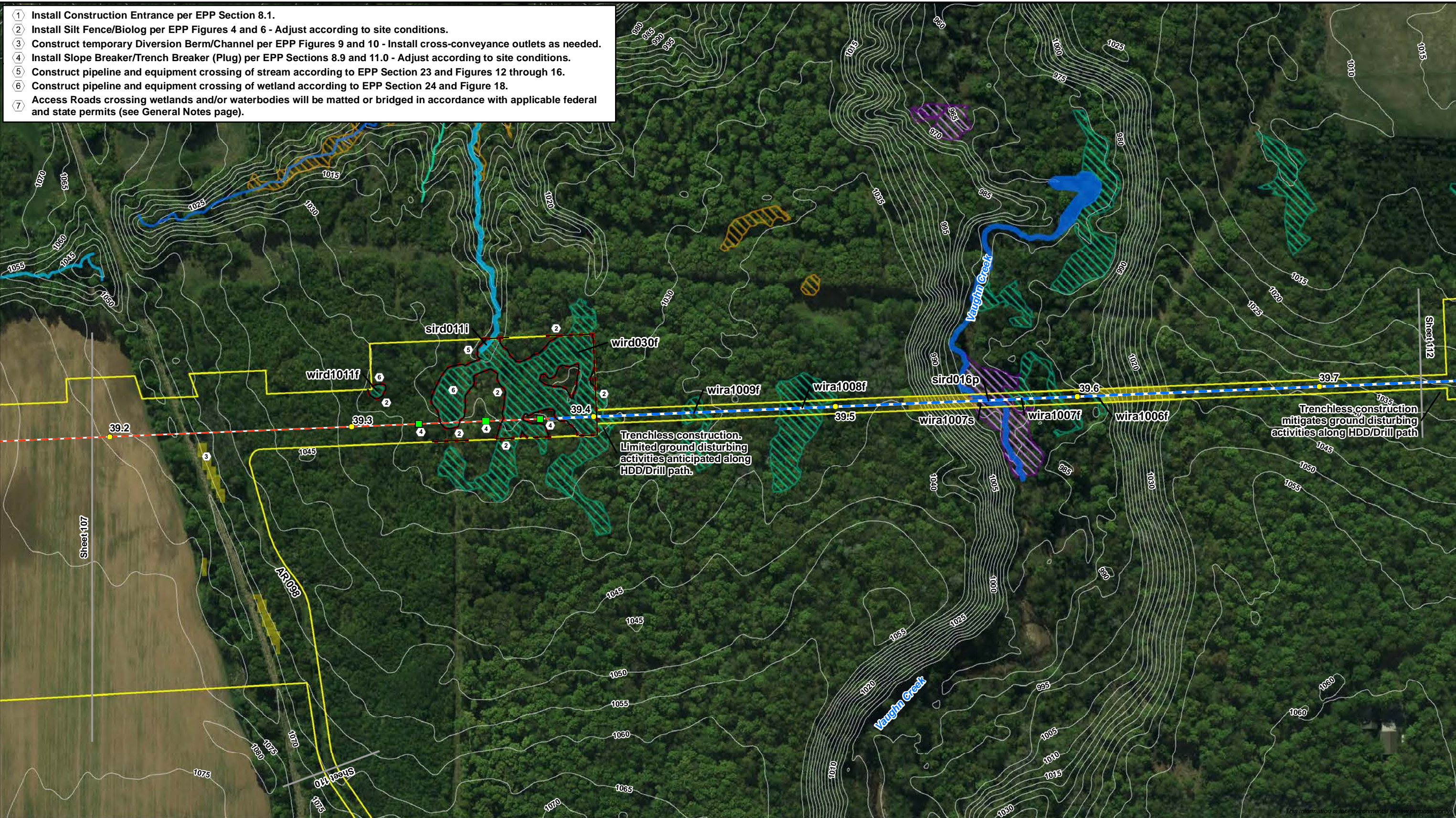
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Erosion and Sediment Control Plan Line 5 Wisconsin Segment Relocation Project Enbridge Energy, L.P.



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- | | |
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| Trench Breaker/Plug | HDD/Direct Bore |
| Sediment Barrier | Proposed Workspace |
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| 5ft Contour | Existing Enbridge Pipeline |
| Milepost | |

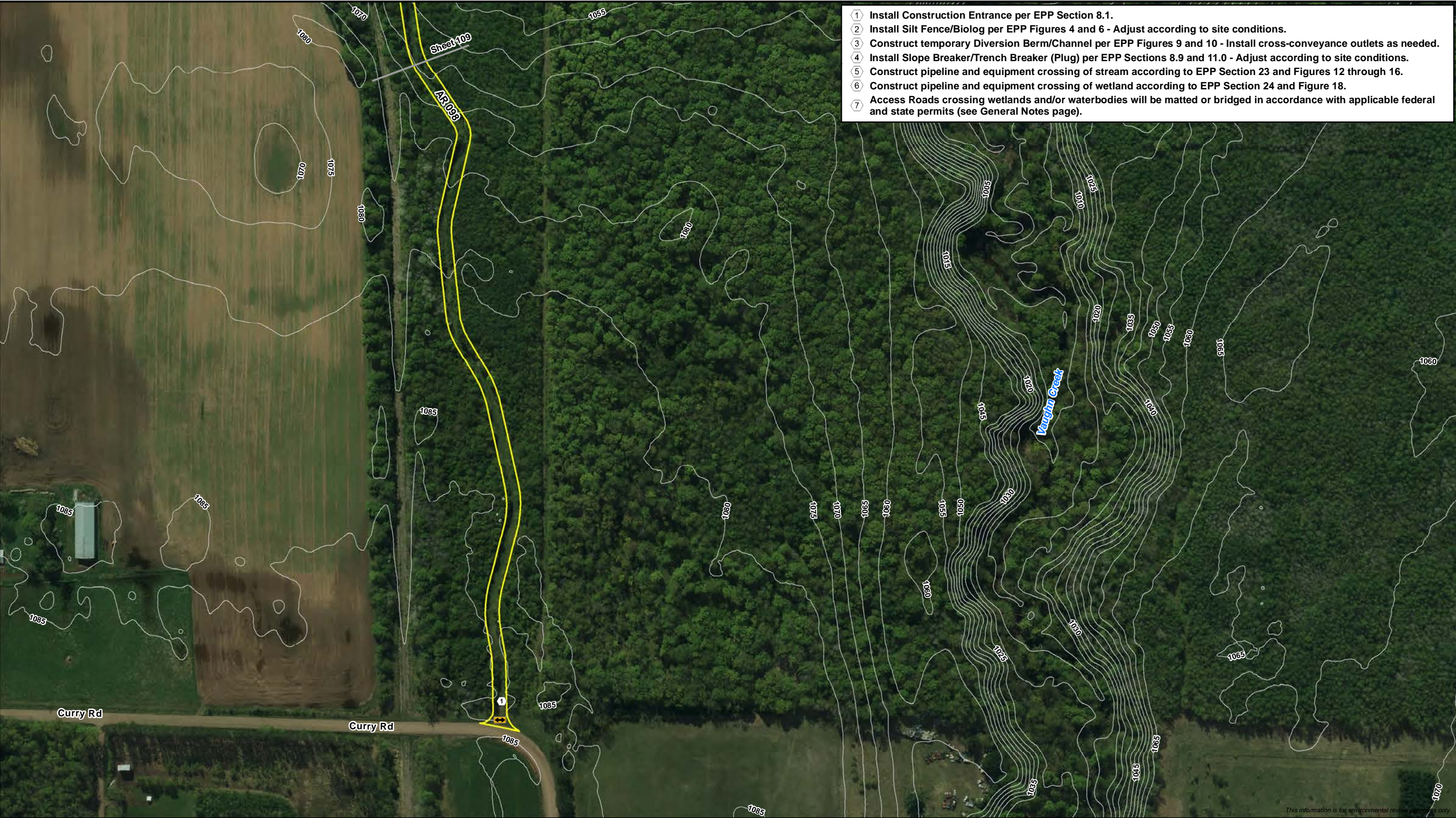
- | | |
|-------------|------------------------|
| PFO Wetland | Perennial Waterbody |
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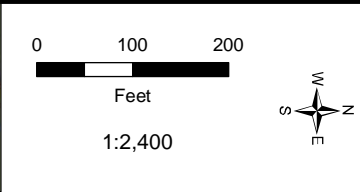


Erosion and Sediment Control Plan
Line 5 Wisconsin Segment Relocation Project
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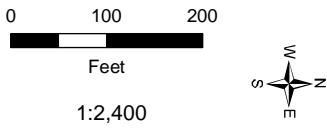
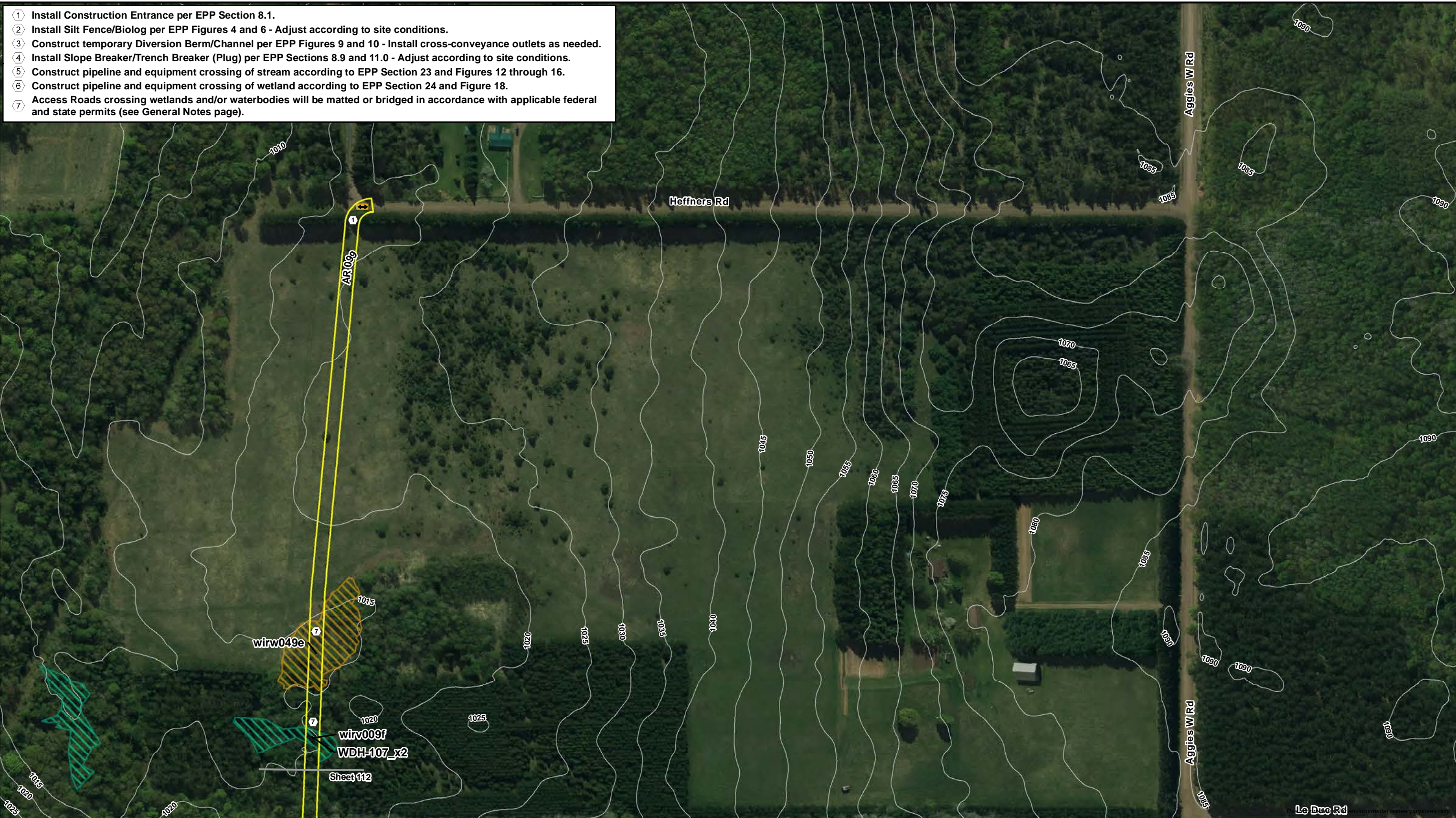
- Construction Entrance
- Trench Breaker/Plug
- Sediment Barrier
- >20% Ground Slope
- 5ft Contour
- Milepost
- Proposed Centerline
- HDD/Direct Bore
- Proposed Workspace
- Permanent Valve/Road
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Erosion and Sediment Control Plan
Line 5 Wisconsin Segment Relocation Project
Enbridge Energy, L.P.

Sheet 110 of 115

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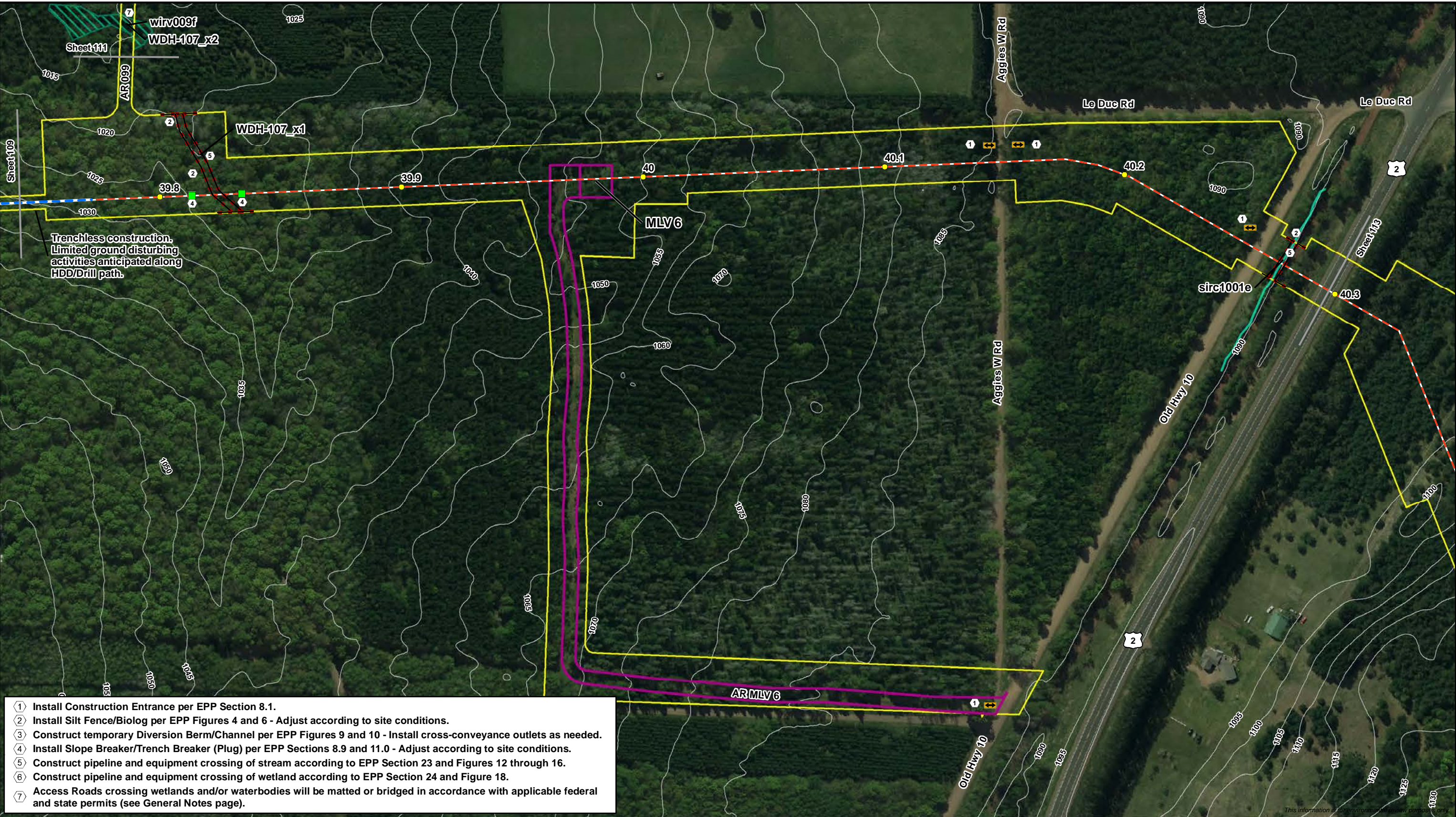
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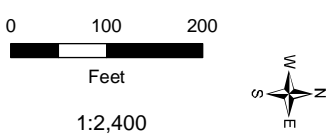


Erosion and Sediment Control Plan
Line 5 Wisconsin Segment Relocation Project
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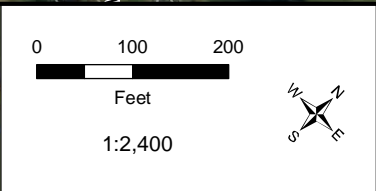
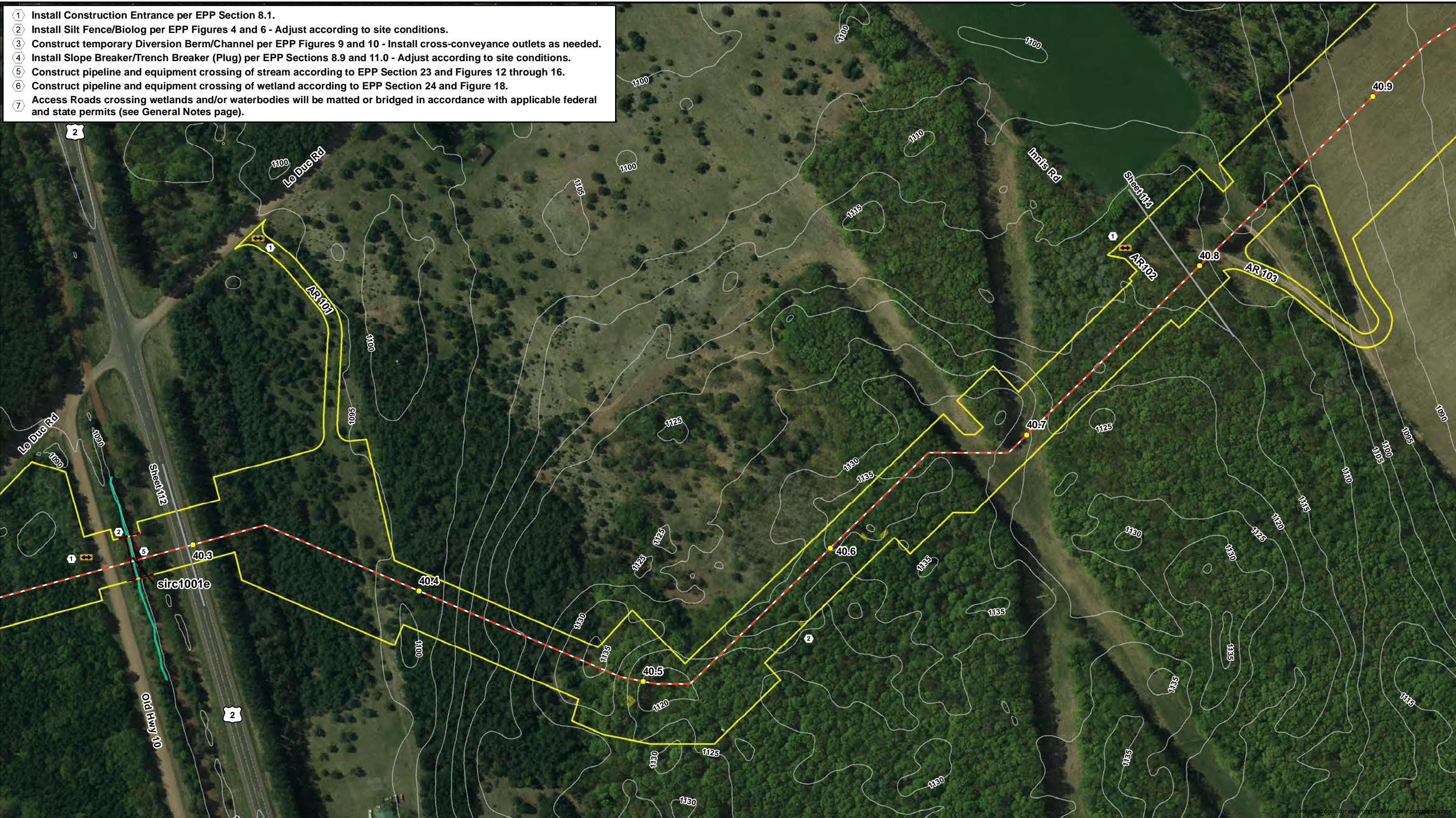
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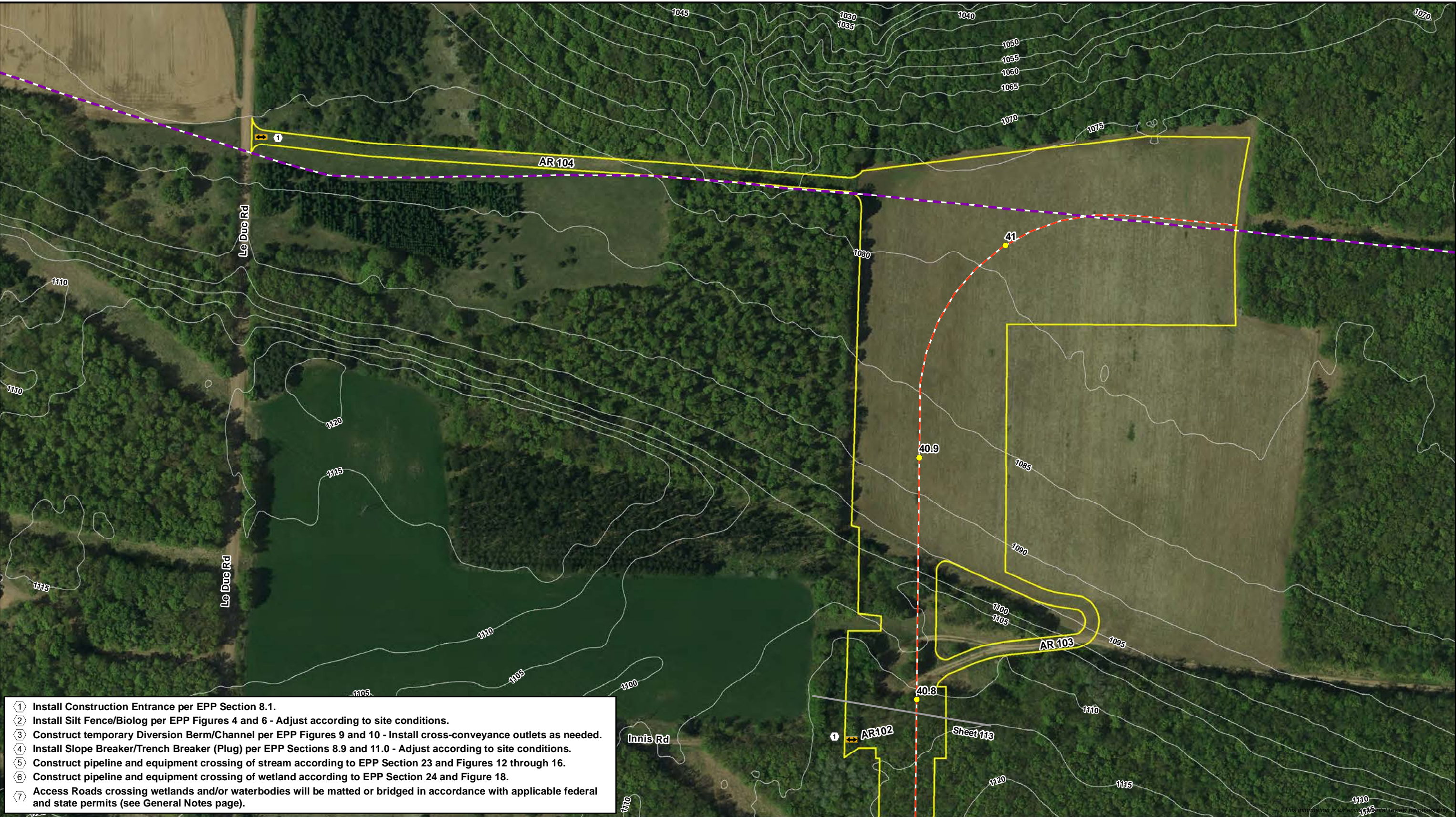


Construction Entrance	Proposed Centerline	PFO Wetland	Perennial Waterbody
Trench Breaker/Plug	HDD/Direct Bore	PSS Wetland	Intermittent Waterbody
Sediment Barrier	Proposed Workspace	PEM Wetland	Ephemeral Waterbody
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5ft Contour	Existing Enbridge Pipeline		
Milepost			

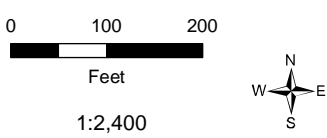
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Erosion and Sediment Control Plan
Line 5 Wisconsin Segment Relocation Project
Enbridge Energy, L.P.

Sheet 113 of 115



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5ft Contour	Existing Enbridge Pipeline		
Milepost			

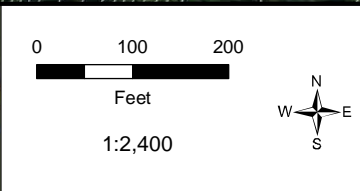
Modeled best management practices (BMPs) are presented to illustrate how Environmental Protection Plan (EPP) measures may be implemented based on field conditions during construction. Refer to General Notes and Typical Details provided in this plan for BMP installation and sequencing.



Erosion and Sediment Control Plan
Line 5 Wisconsin Segment Relocation Project
Enbridge Energy, L.P.



- 1 Install Construction Entrance per EPP Section 8.1.
- 2 Install Silt Fence/Biolog per EPP Figures 4 and 6 - Adjust according to site conditions.
- 3 Construct temporary Diversion Berm/Channel per EPP Figures 9 and 10 - Install cross-conveyance outlets as needed.
- 4 Install Slope Breaker/Trench Breaker (Plug) per EPP Sections 8.9 and 11.0 - Adjust according to site conditions.
- 5 Construct pipeline and equipment crossing of stream according to EPP Section 23 and Figures 12 through 16.
- 6 Construct pipeline and equipment crossing of wetland according to EPP Section 24 and Figure 18.
- 7 Access Roads crossing wetlands and/or waterbodies will be matted or bridged in accordance with applicable federal and state permits (see General Notes page).



Construction Entrance	Proposed Centerline	PFO Wetland	Perennial Waterbody
Trench Breaker/Plug	HDD/Direct Bore	PSS Wetland	Intermittent Waterbody
Sediment Barrier	Proposed Workspace	PEM Wetland	Ephemeral Waterbody
>20% Ground Slope	Permanent Valve/Road	Pond	
5ft Contour	Existing Enbridge Pipeline		
Milepost			

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Erosion and Sediment Control Plan

Line 5 Wisconsin Segment Relocation Project

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Sheet 115 of 115