




0100200


Feet


1:2,400





 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


 PFO Wetland


 PSS Wetland

 PEM Wetland


 Pond

 Perennial Waterbody

 Intermittent Waterbody

 Ephemeral Waterbody


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.

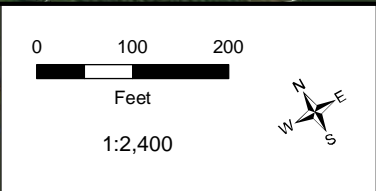
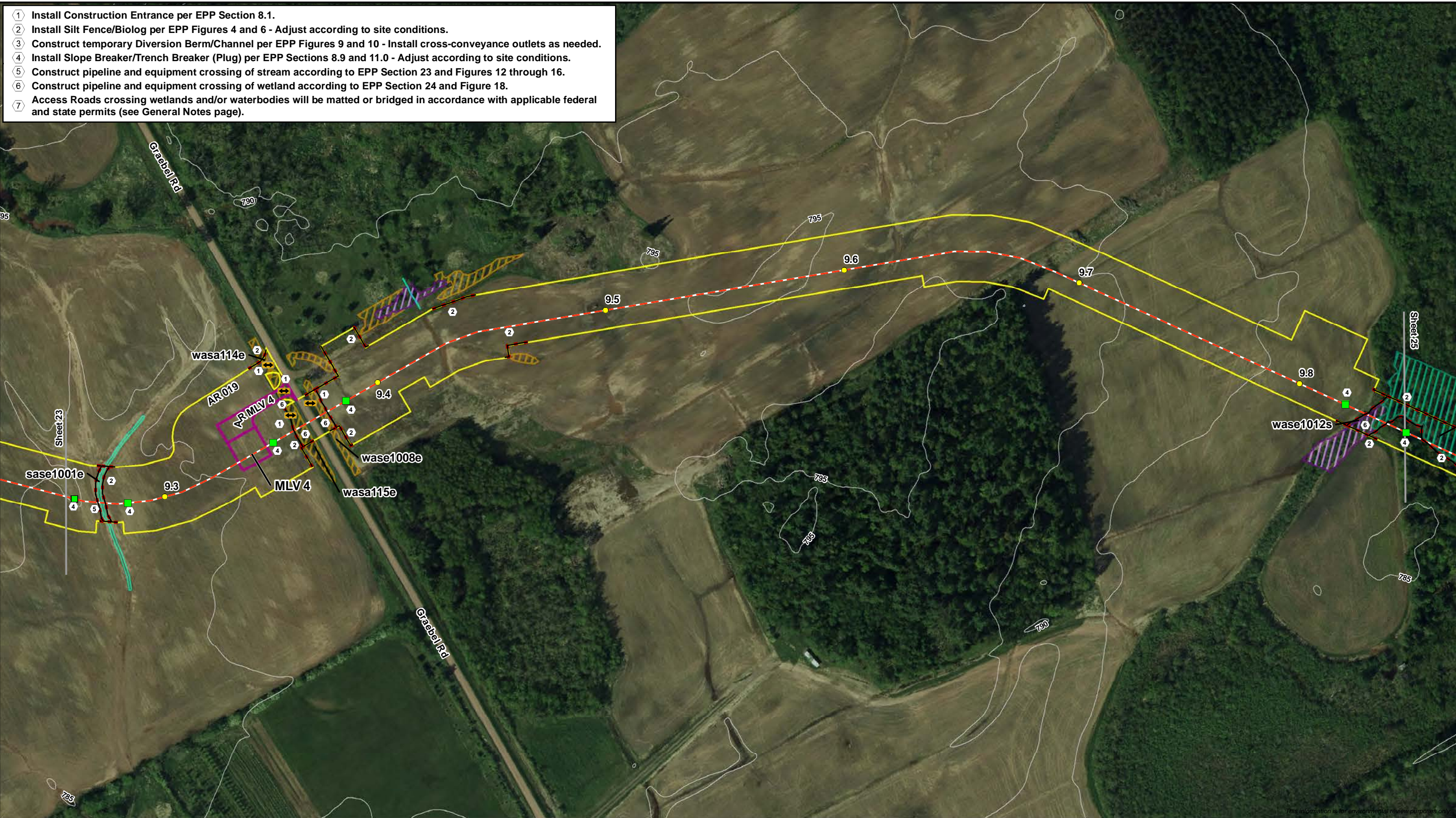


Sheet 23 of 115

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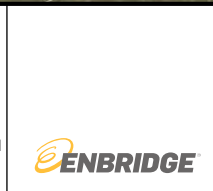
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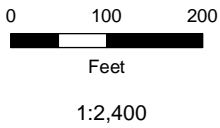
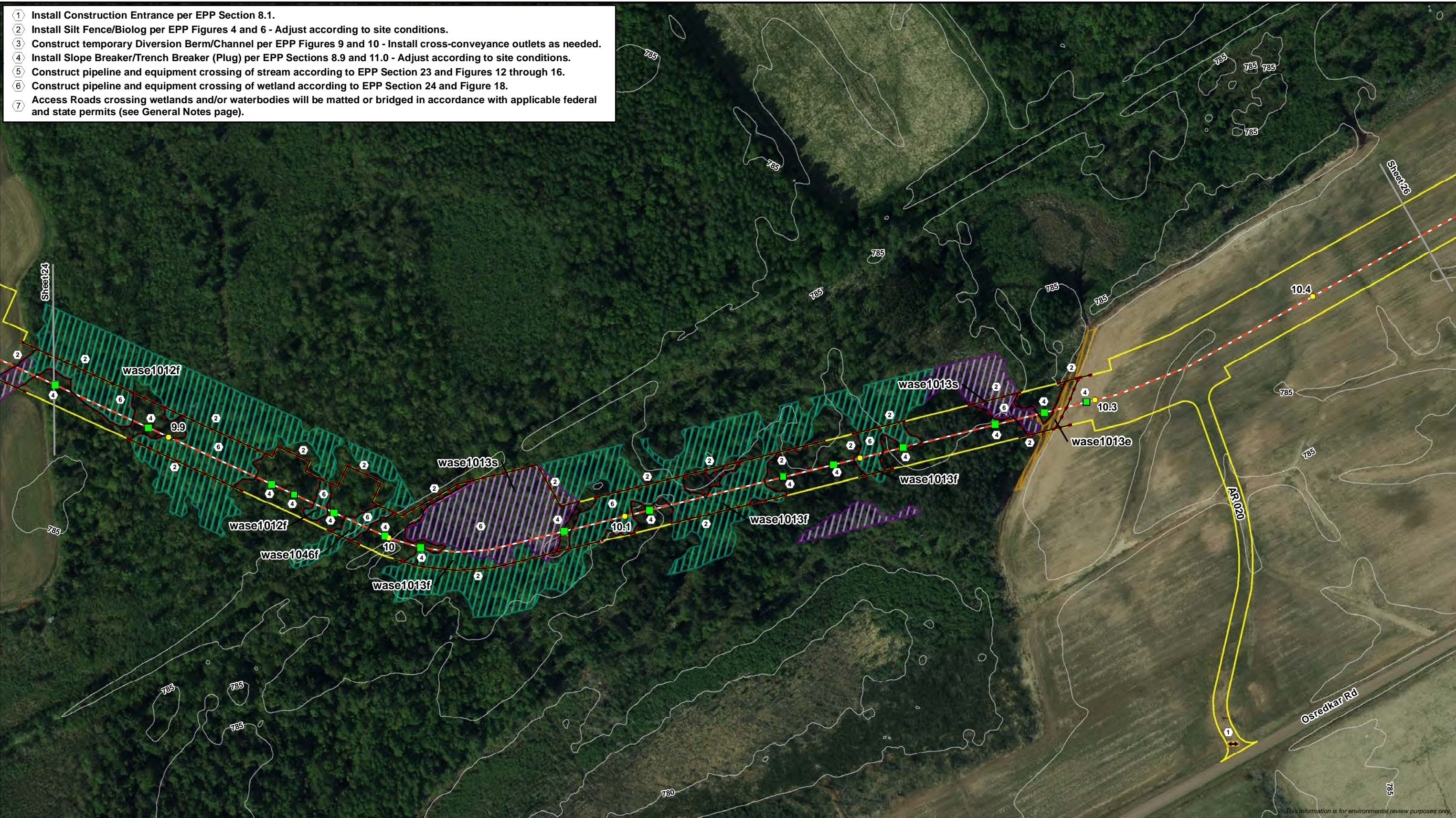


- Construction Entrance
- Trench Breaker/Plug
- Sediment Barrier
- >20% Ground Slope
- 5ft Contour
- Milepost
- Proposed Centerline
- HDD/Direct Bore
- Proposed Workspace
- Permanent Valve/Road
- Existing Enbridge Pipeline
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| Sediment Barrier | Proposed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

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| Pond | |

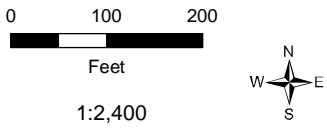
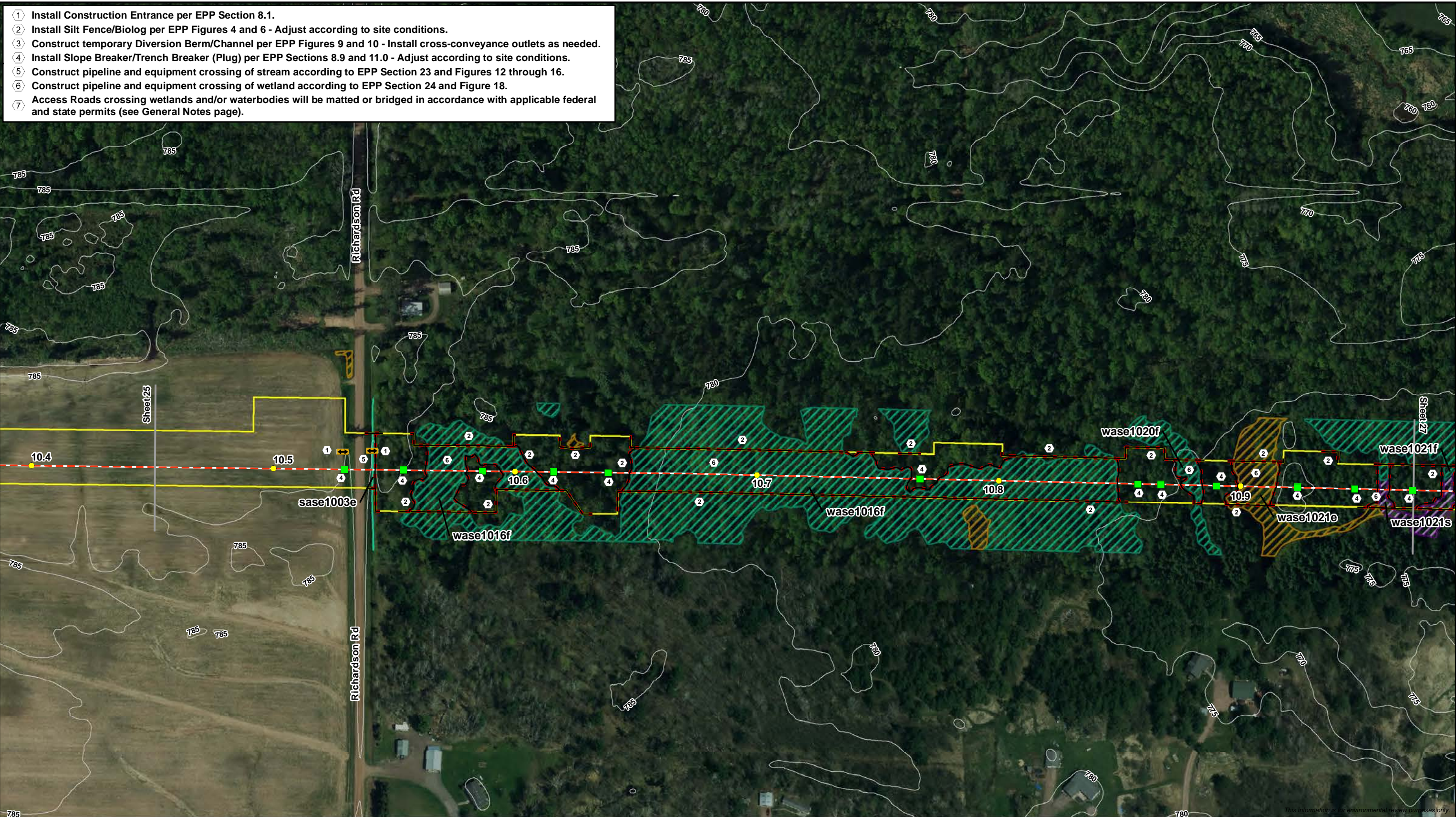
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Erosion and Sediment Control Plan
Line 5 Wisconsin Segment Relocation Project
Enbridge Energy, L.P.



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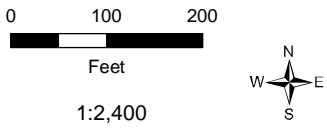
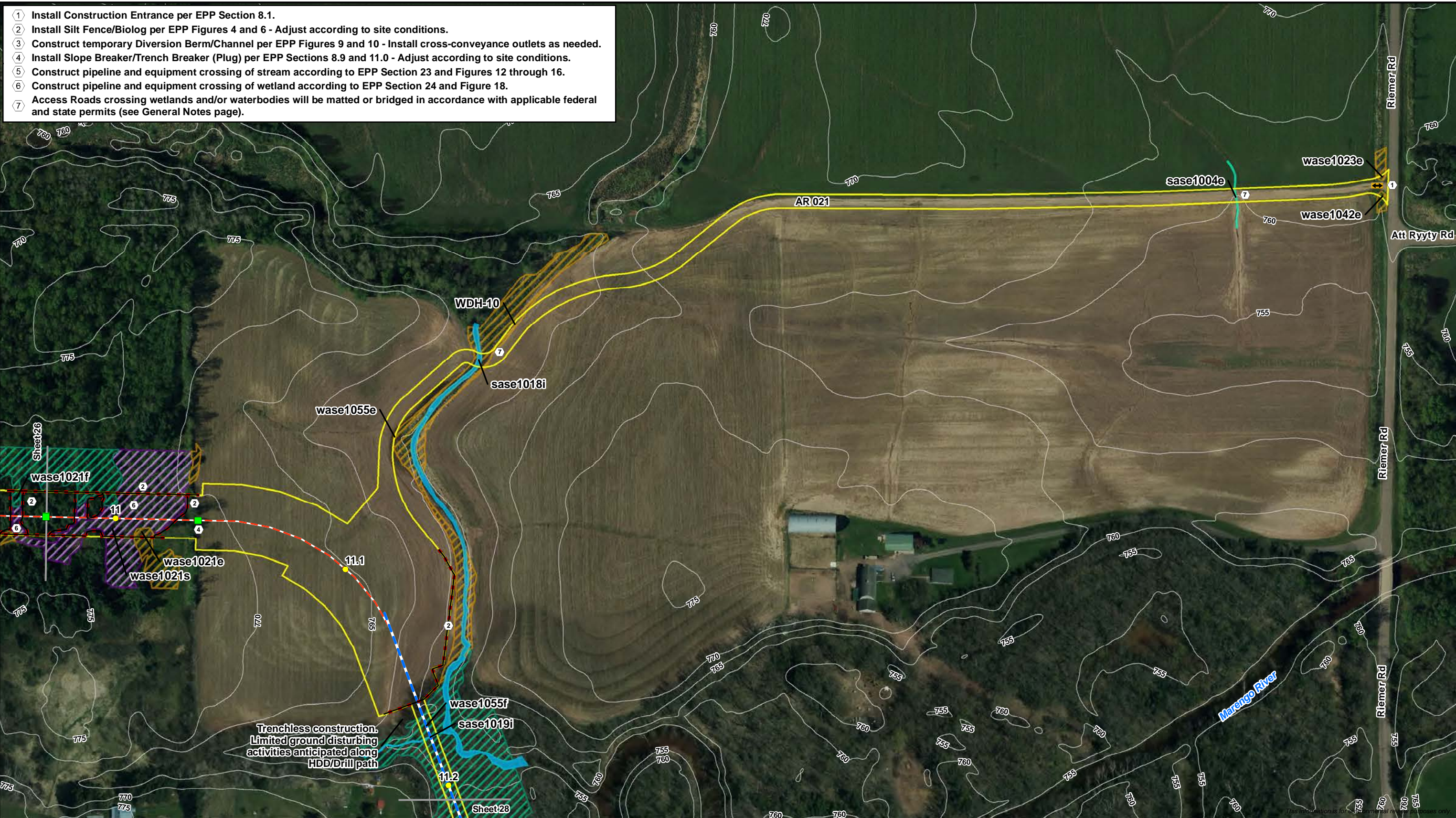
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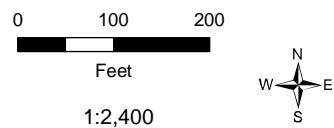
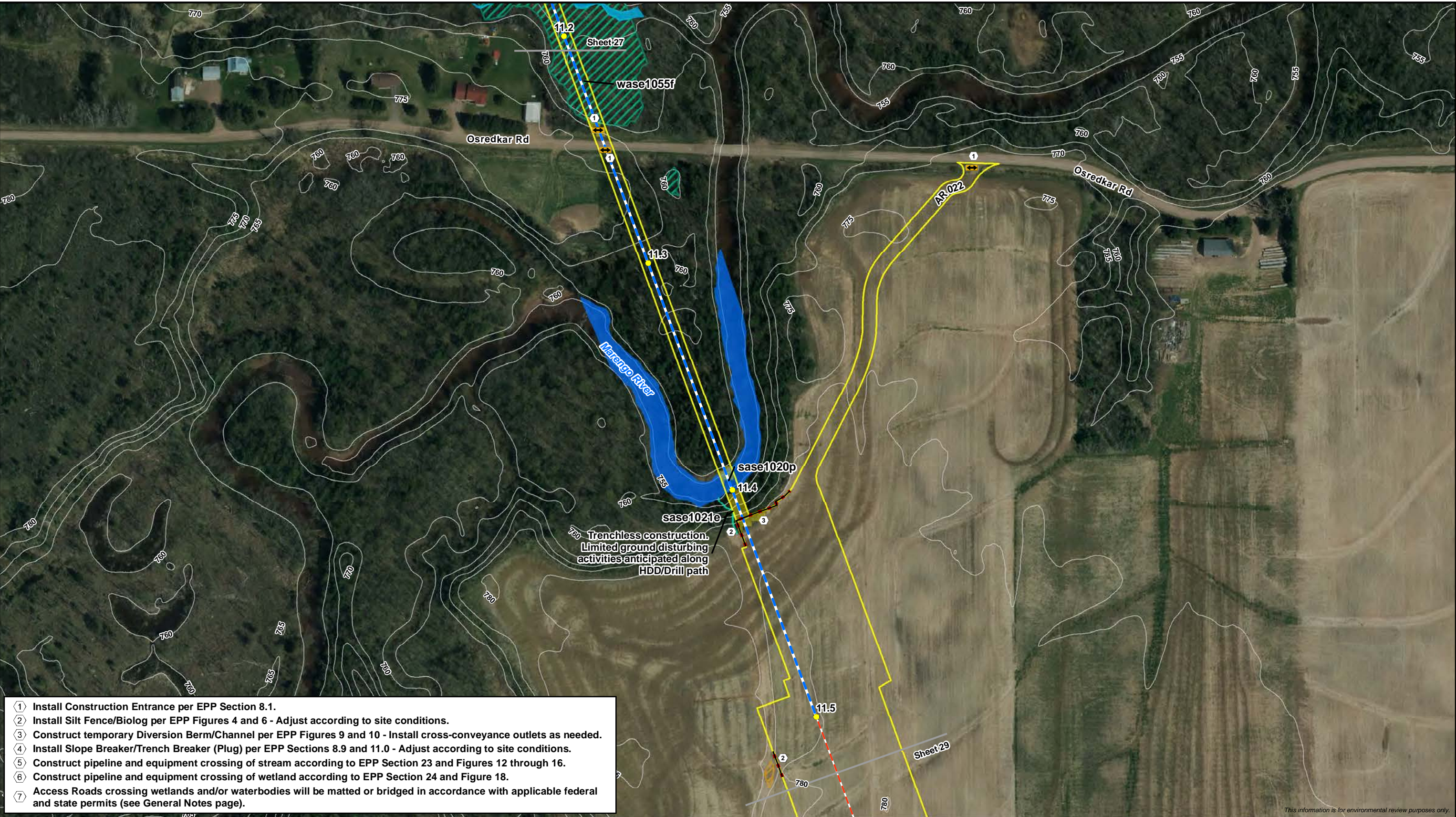
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Line 5 Wisconsin Segment Relocation Project
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	Trench Breaker/Plug		HDD/Direct Bore
	Sediment Barrier		Proposed Workspace
	>20% Ground Slope		Permanent Valve/Road
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	Milepost		

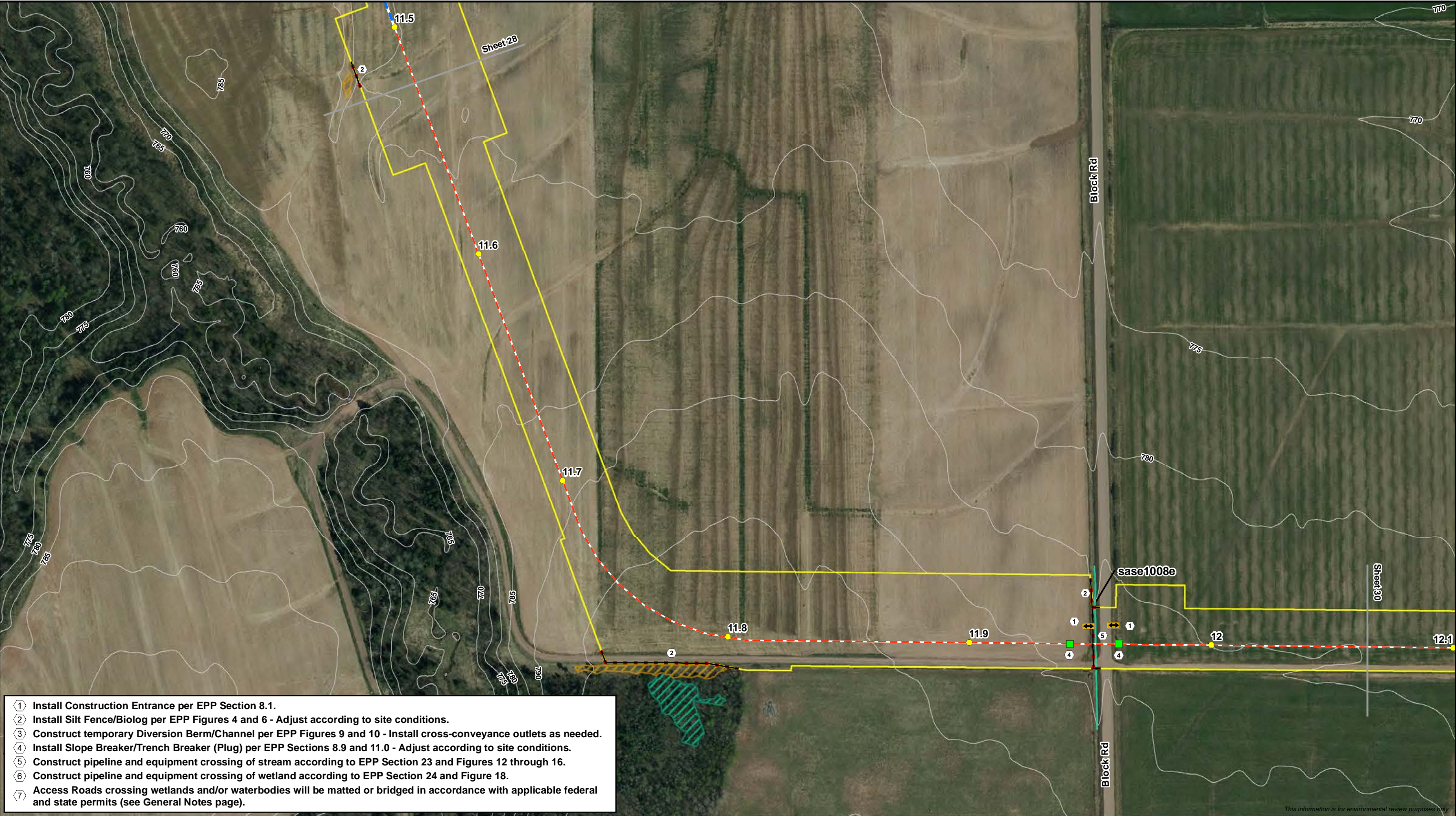
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0100200


Feet


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
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Erosion and Sediment Control Plan

Line 5 Wisconsin Segment Relocation Project

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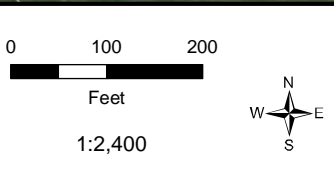
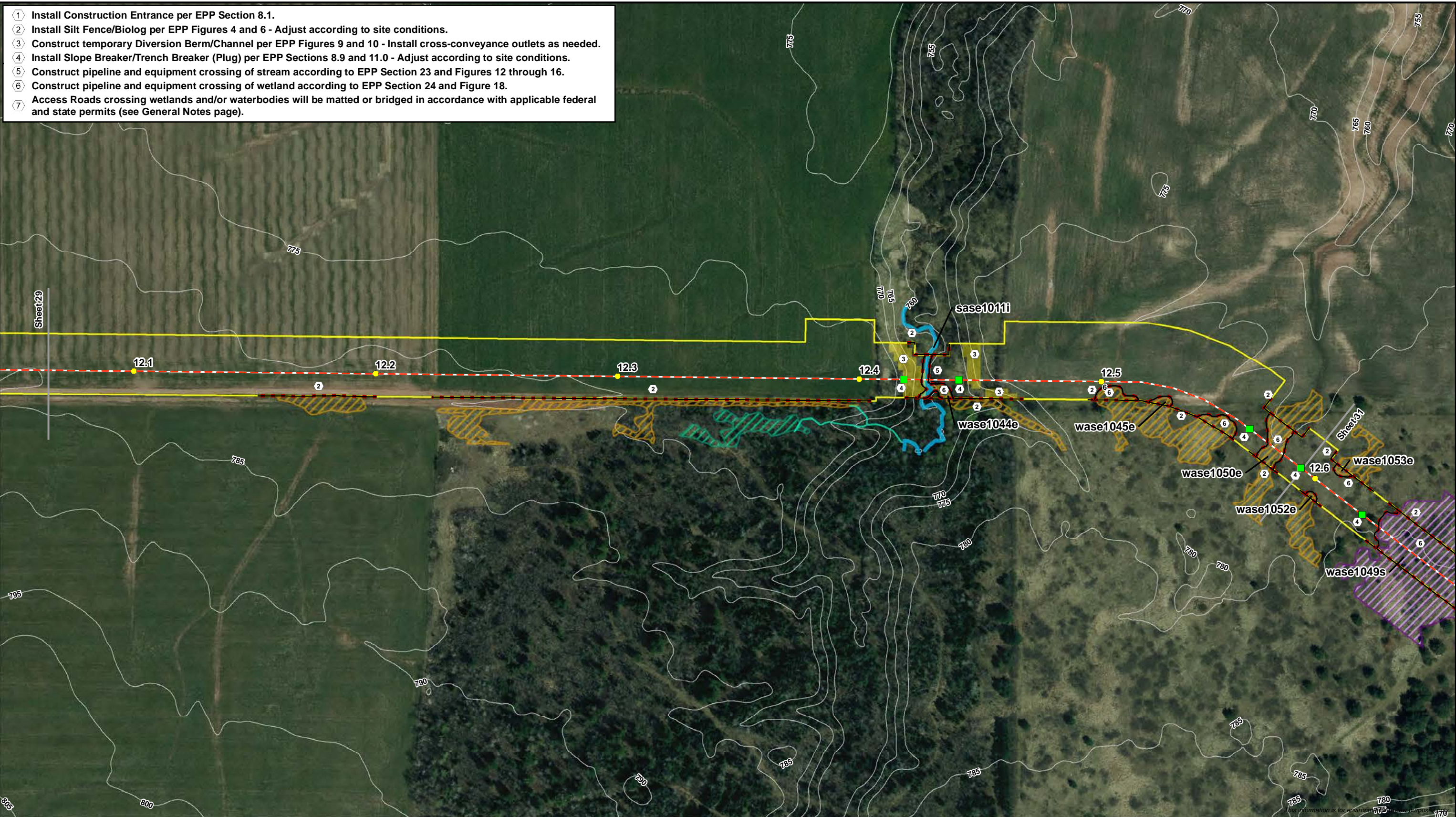
Sheet 29 of 115

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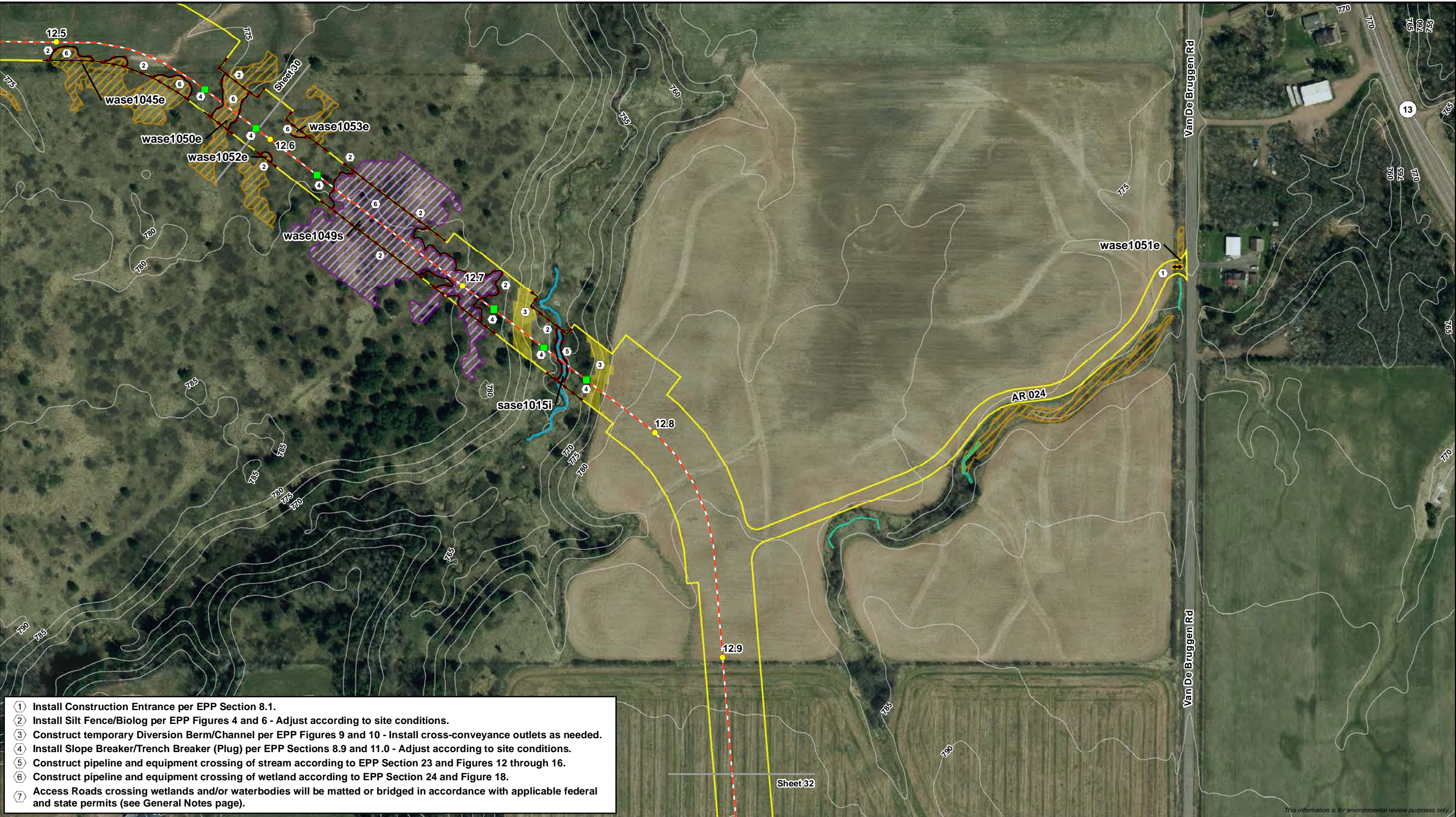


Construction Entrance	Proposed Centerline	PFO Wetland	Perennial Waterbody
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5ft Contour	Existing Enbridge Pipeline		
Milepost			

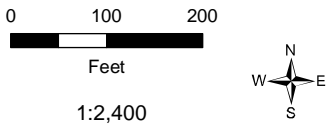
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Erosion and Sediment Control Plan
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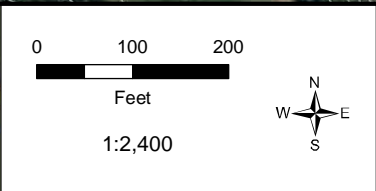
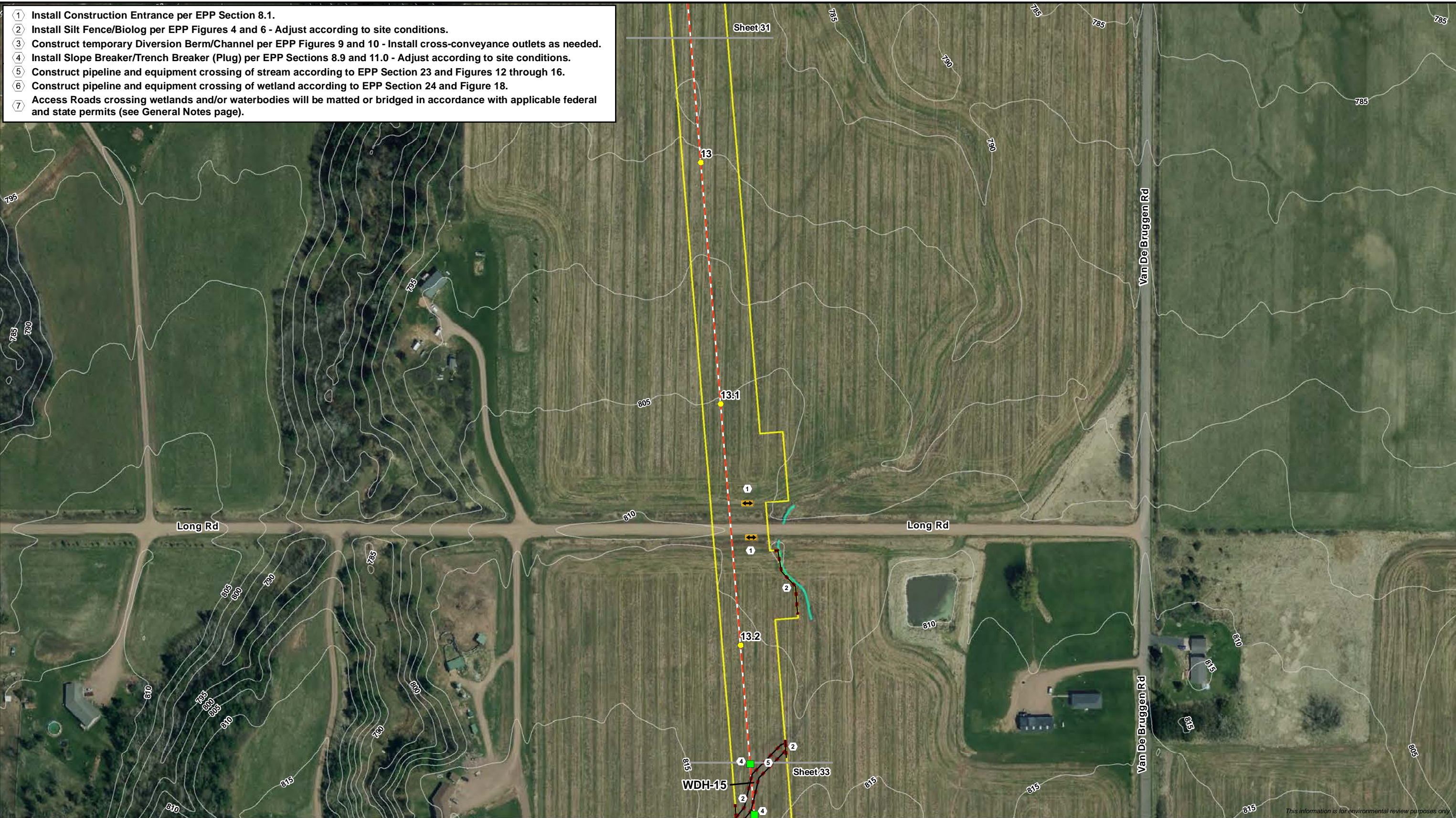
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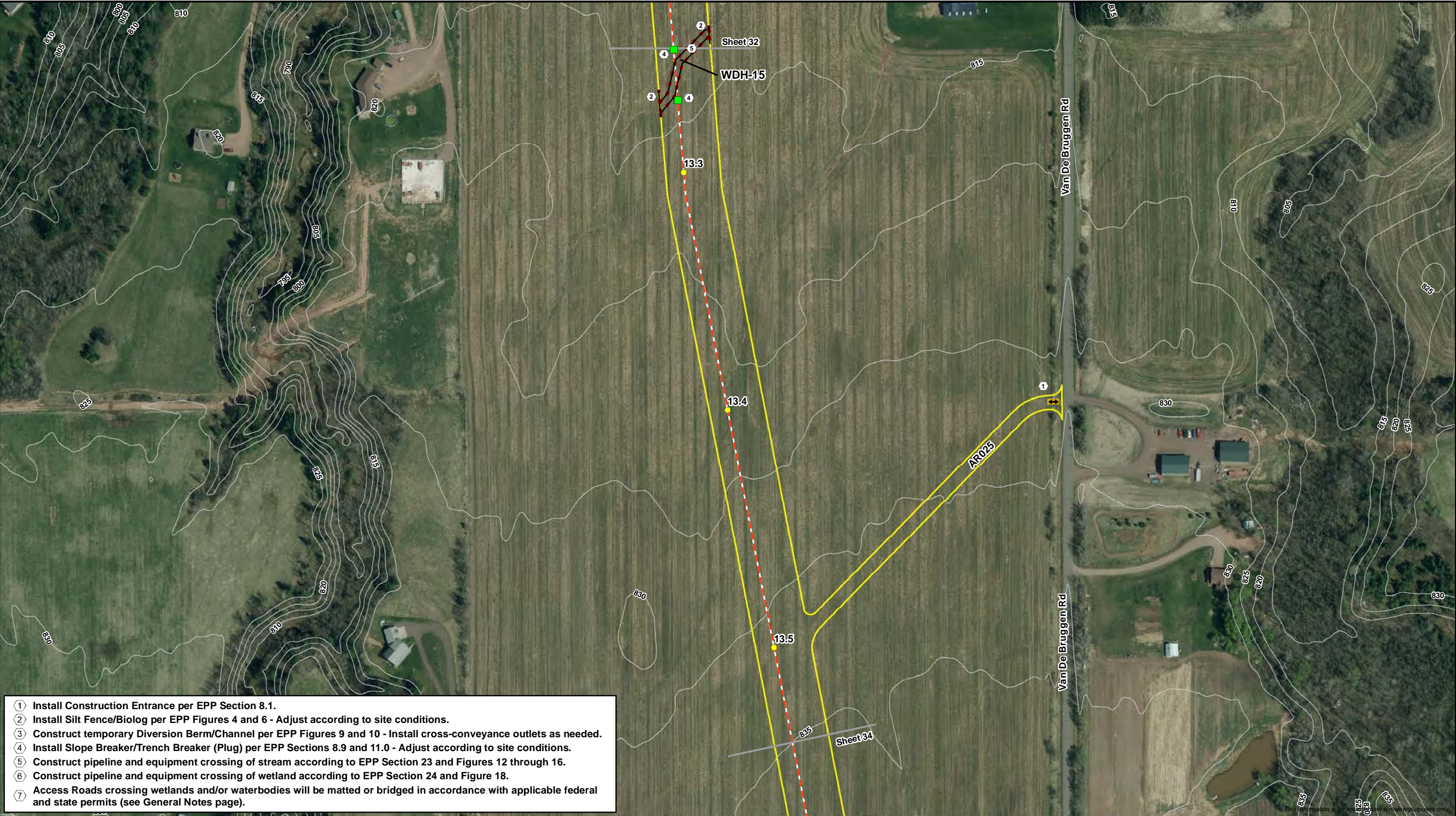
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Erosion and Sediment Control Plan

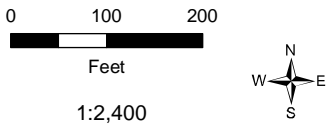
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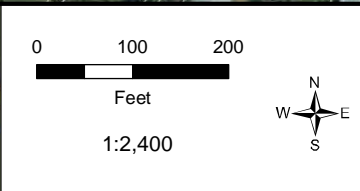
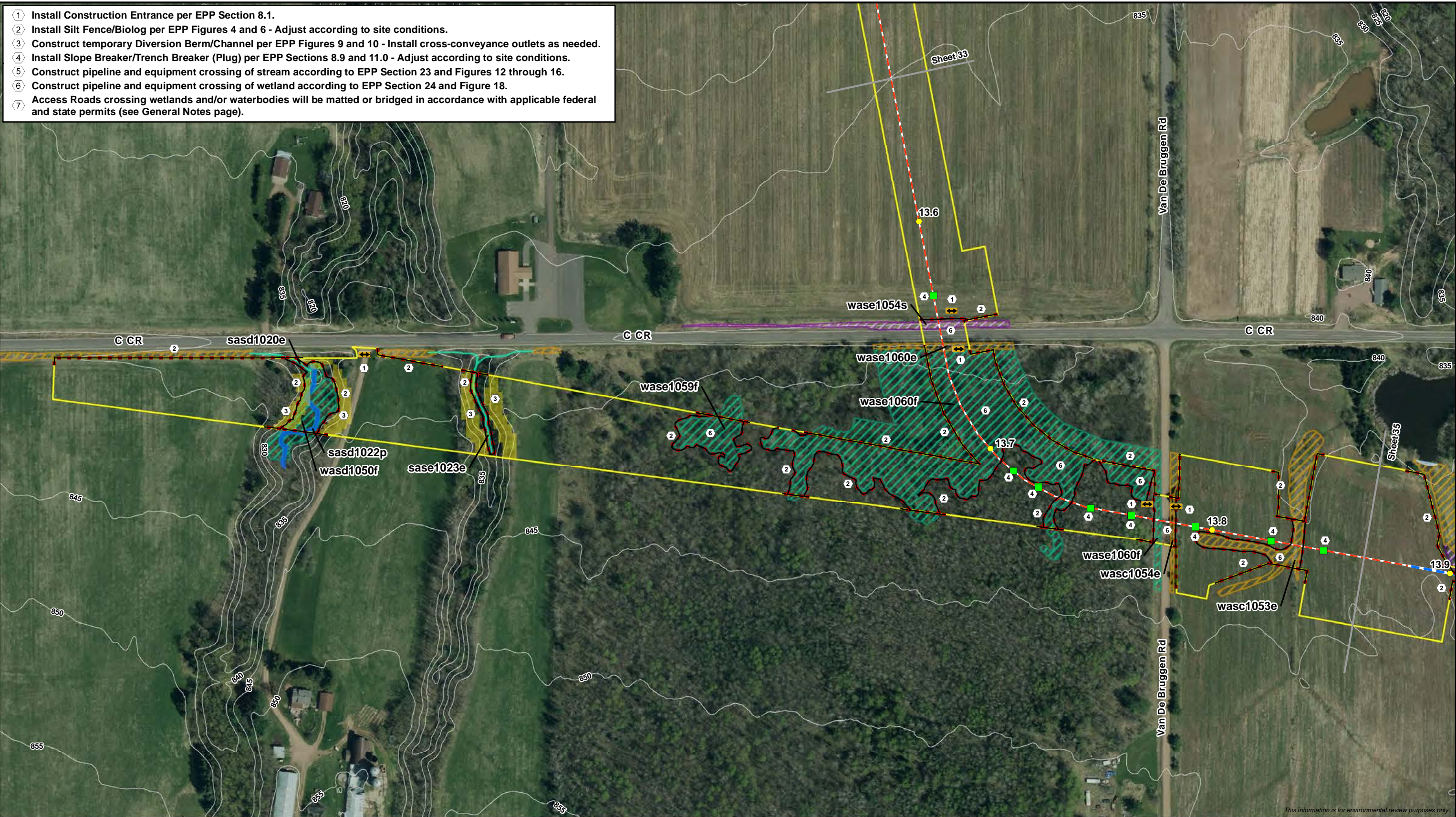
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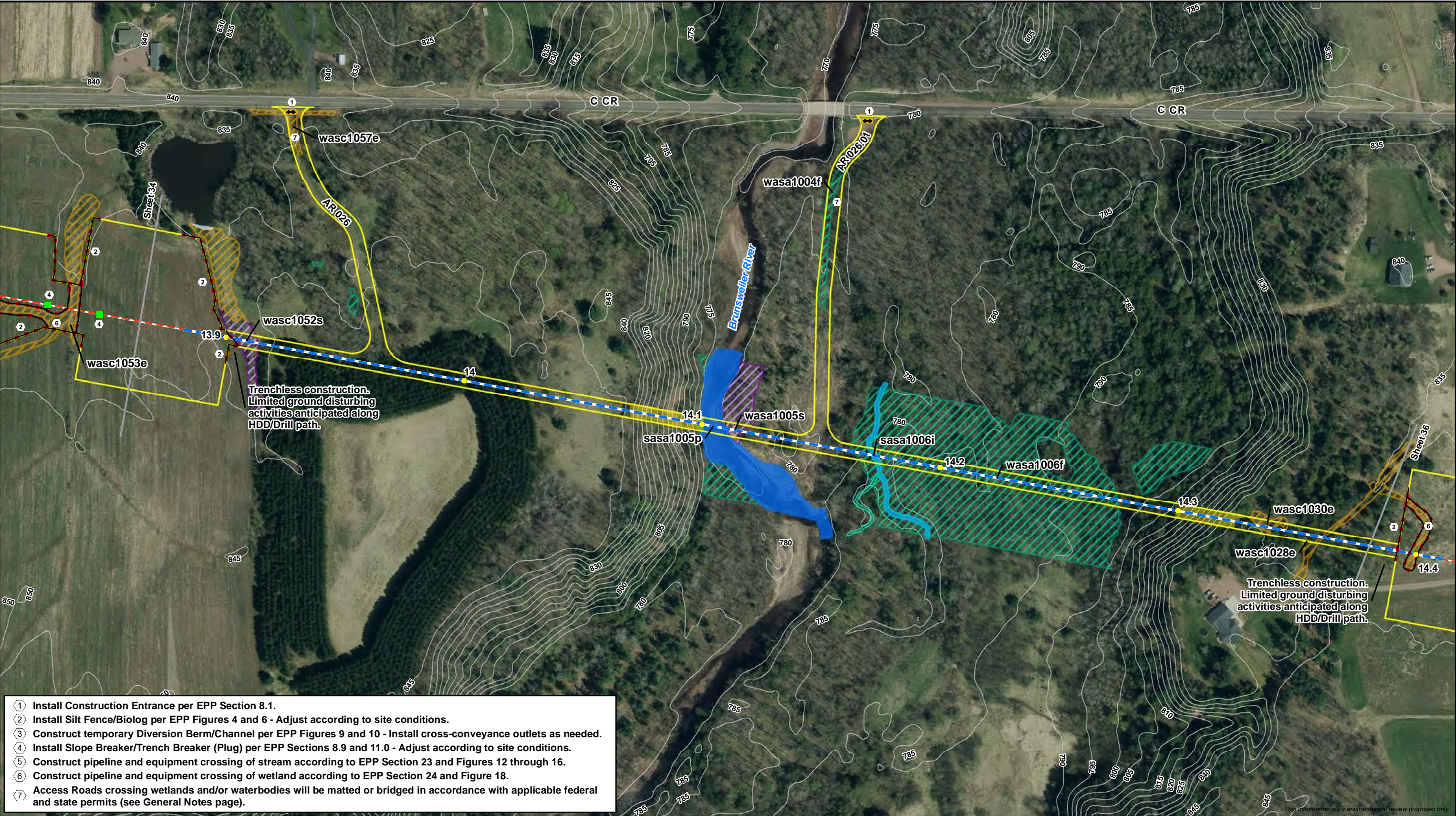
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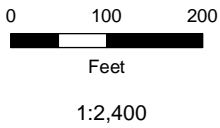
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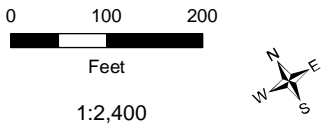
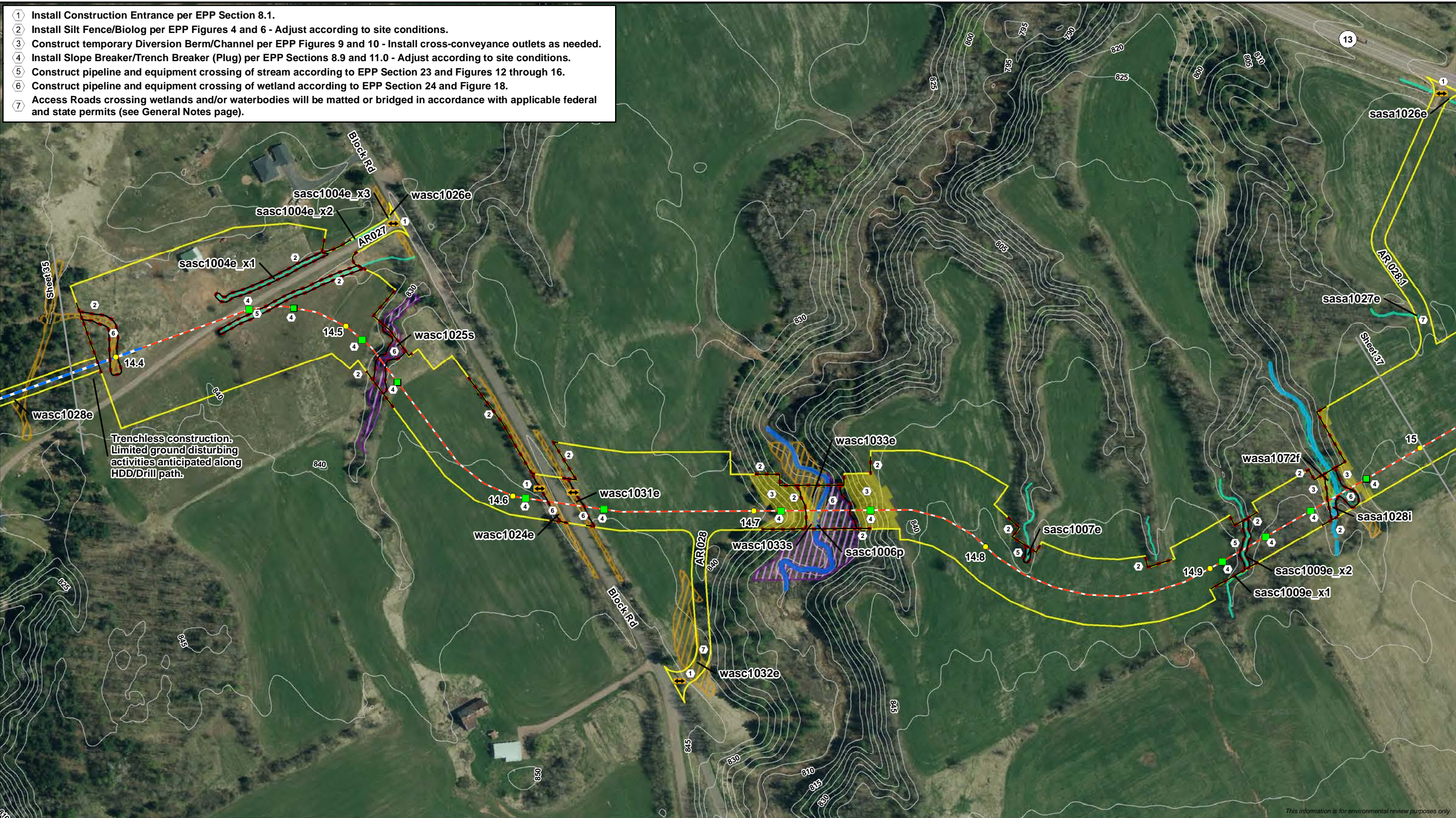
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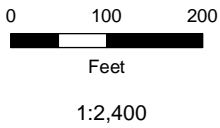
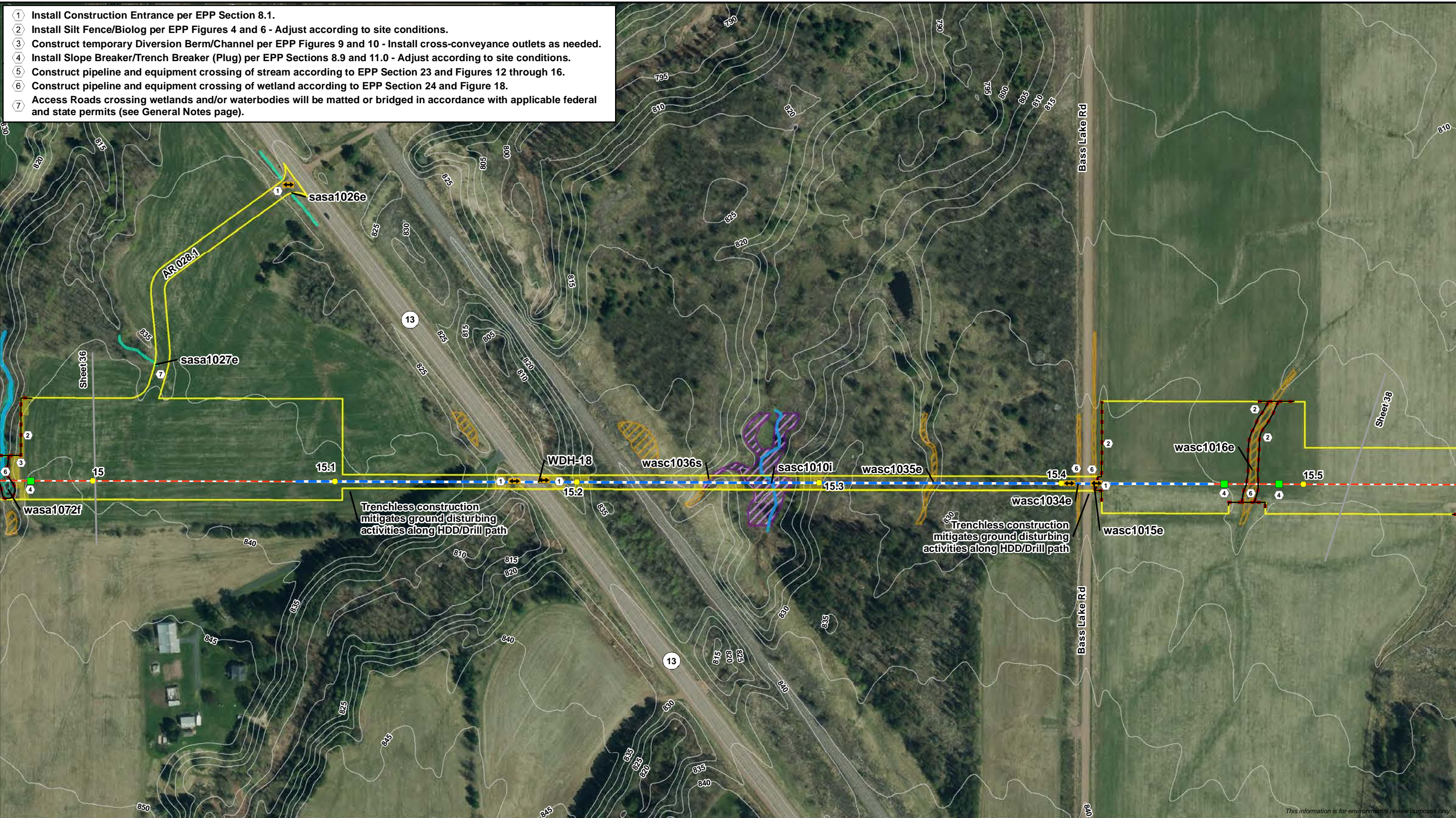
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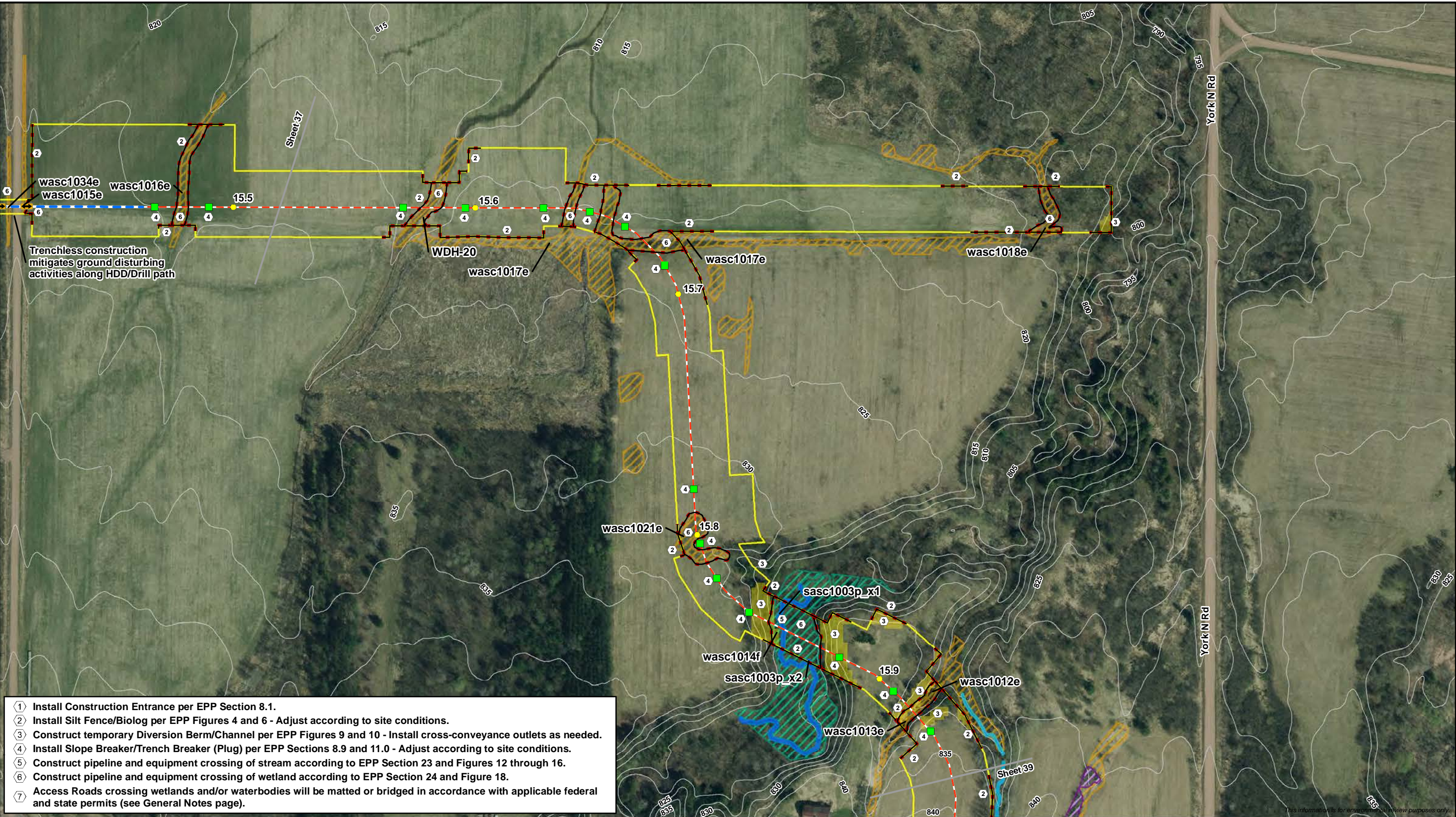
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|-----------------------|----------------------------|-------------|------------------------|
| Construction Entrance | Proposed Centerline | PFO Wetland | Perennial Waterbody |
| Trench Breaker/Plug | HDD/Direct Bore | PSS Wetland | Intermittent Waterbody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

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.

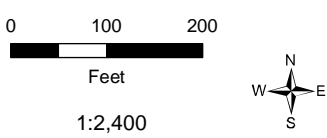


Erosion and Sediment Control Plan
Line 5 Wisconsin Segment Relocation Project
Enbridge Energy, L.P.





- 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.
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- 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).



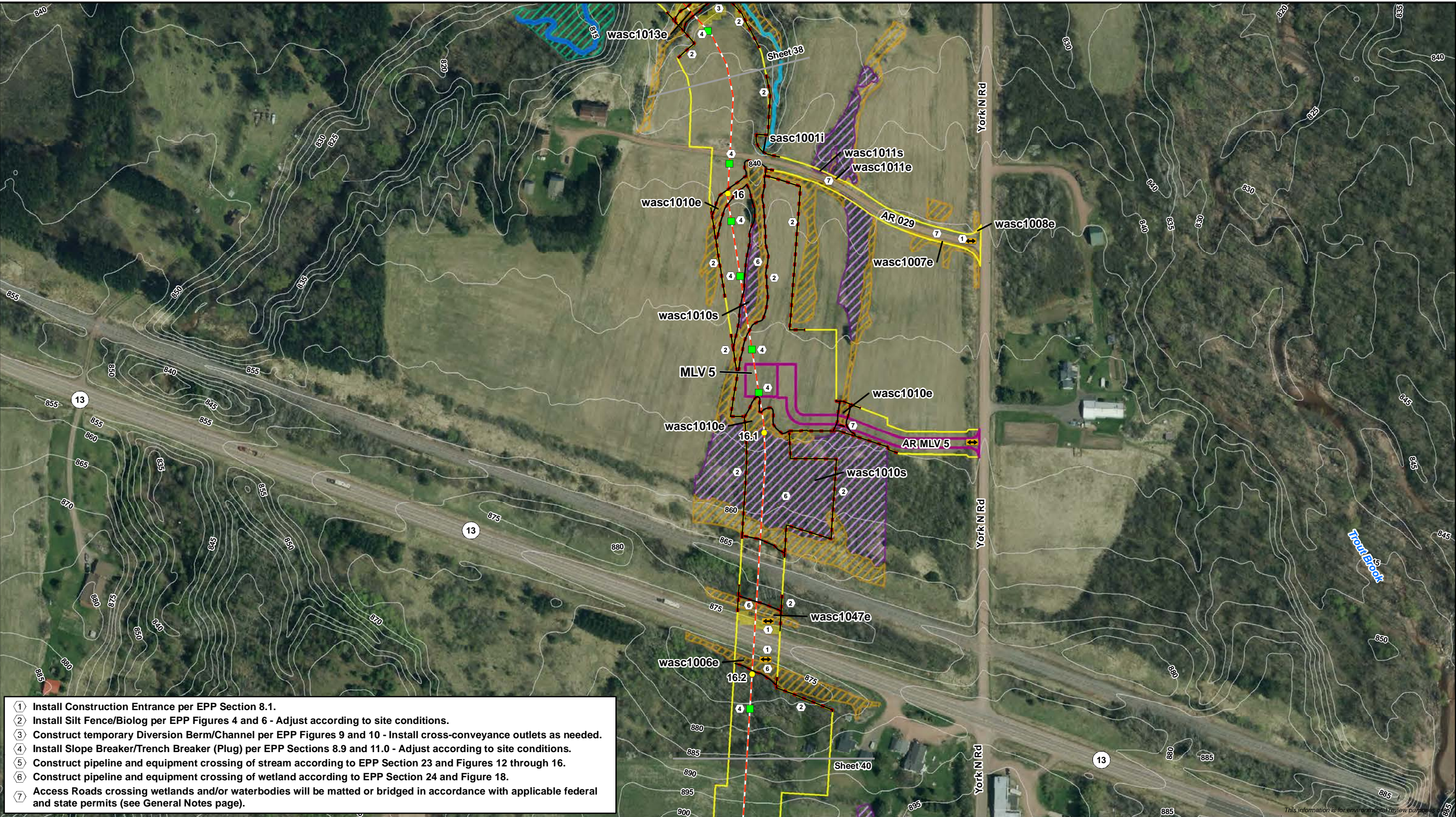
	Construction Entrance		Proposed Centerline		PFO Wetland		Perennial Waterbody
	Trench Breaker/Plug		HDD/Direct Bore		PSS Wetland		Intermittent Waterbody
	Sediment Barrier		Proposed Workspace		PEM Wetland		Ephemeral Waterbody
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	5ft Contour		Existing Enbridge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

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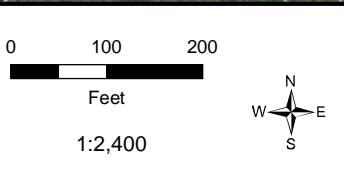


Erosion and Sediment Control Plan Line 5 Wisconsin Segment Relocation Project Enbridge Energy, L.P.





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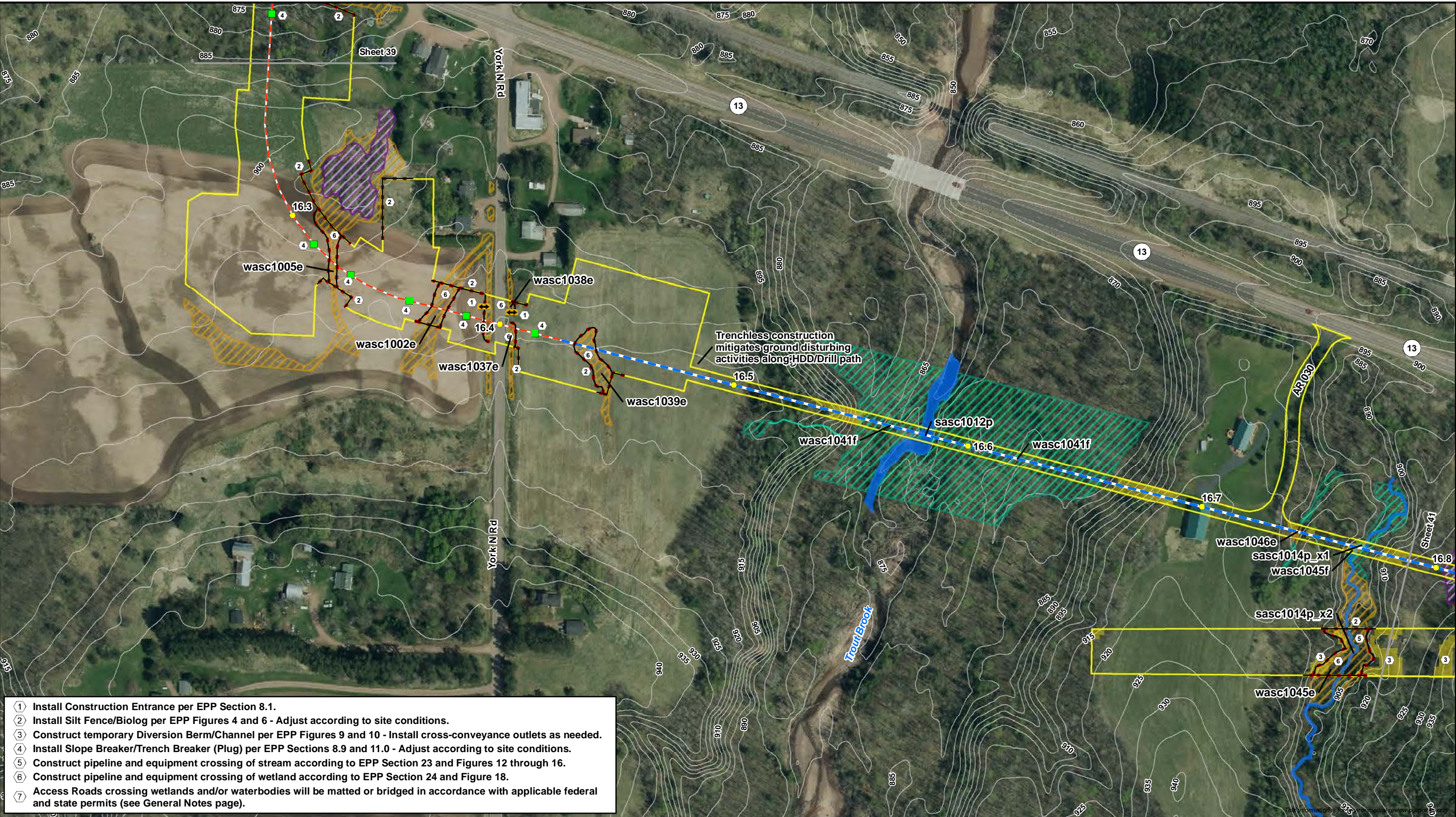
- Construction Entrance
- Trench Breaker/Plug
- Sediment Barrier
- >20% Ground Slope
- 5ft Contour
- Milepost
- Proposed Centerline
- HDD/Direct Bore
- Proposed Workspace
- Permanent Valve/Road
- Existing Enbridge Pipeline
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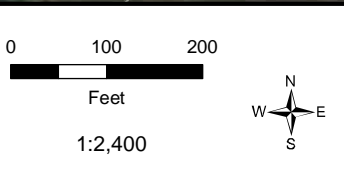


Erosion and Sediment Control Plan Line 5 Wisconsin Segment Relocation Project Enbridge Energy, L.P.





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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 | |

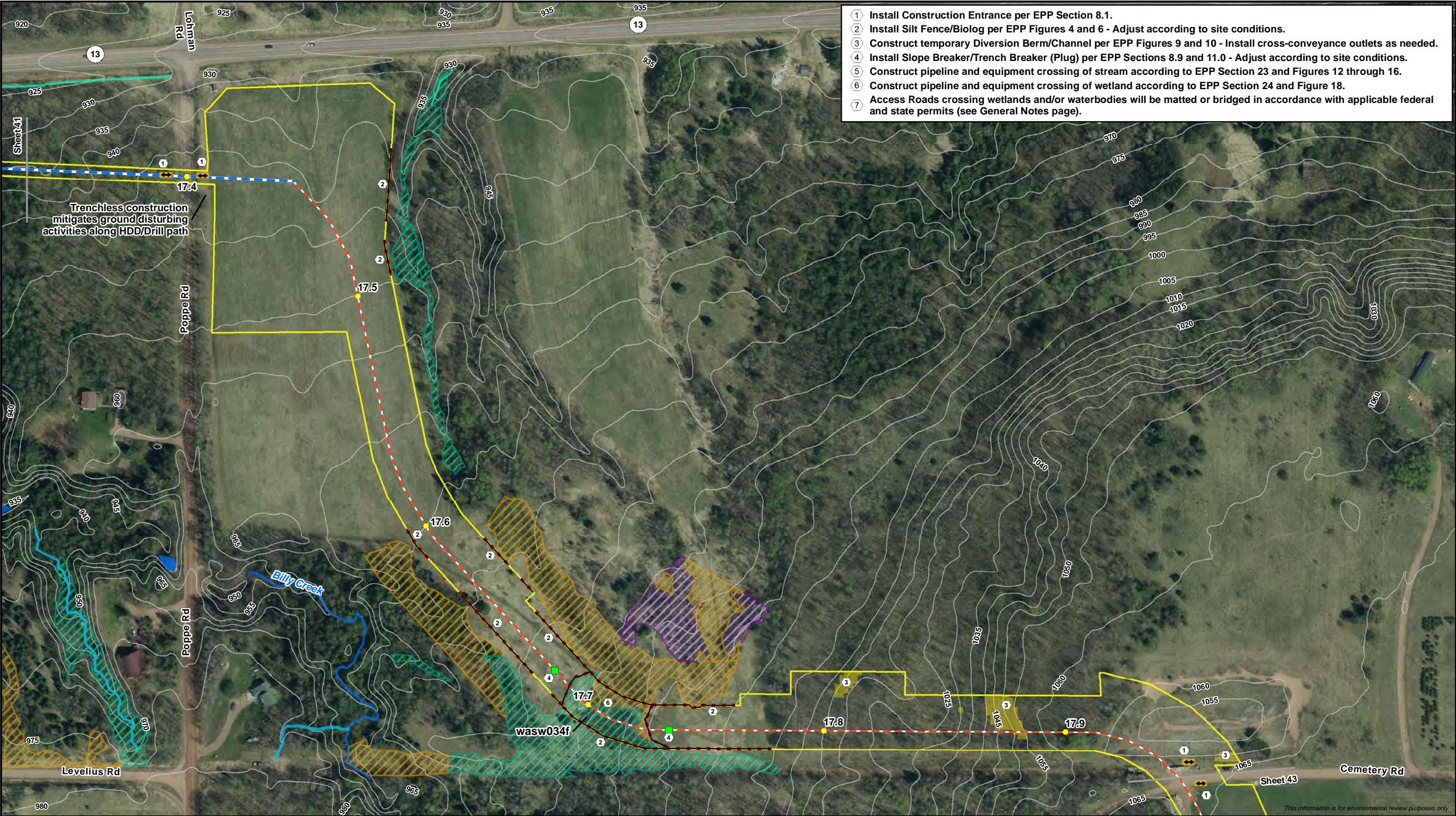
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|-------------|------------------------|
| PFO Wetland | Perennial Waterbody |
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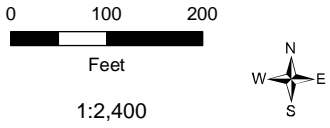


Erosion and Sediment Control Plan
Line 5 Wisconsin Segment Relocation Project
Enbridge Energy, L.P.





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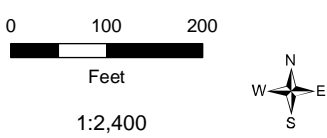
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| Milepost | | | |

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





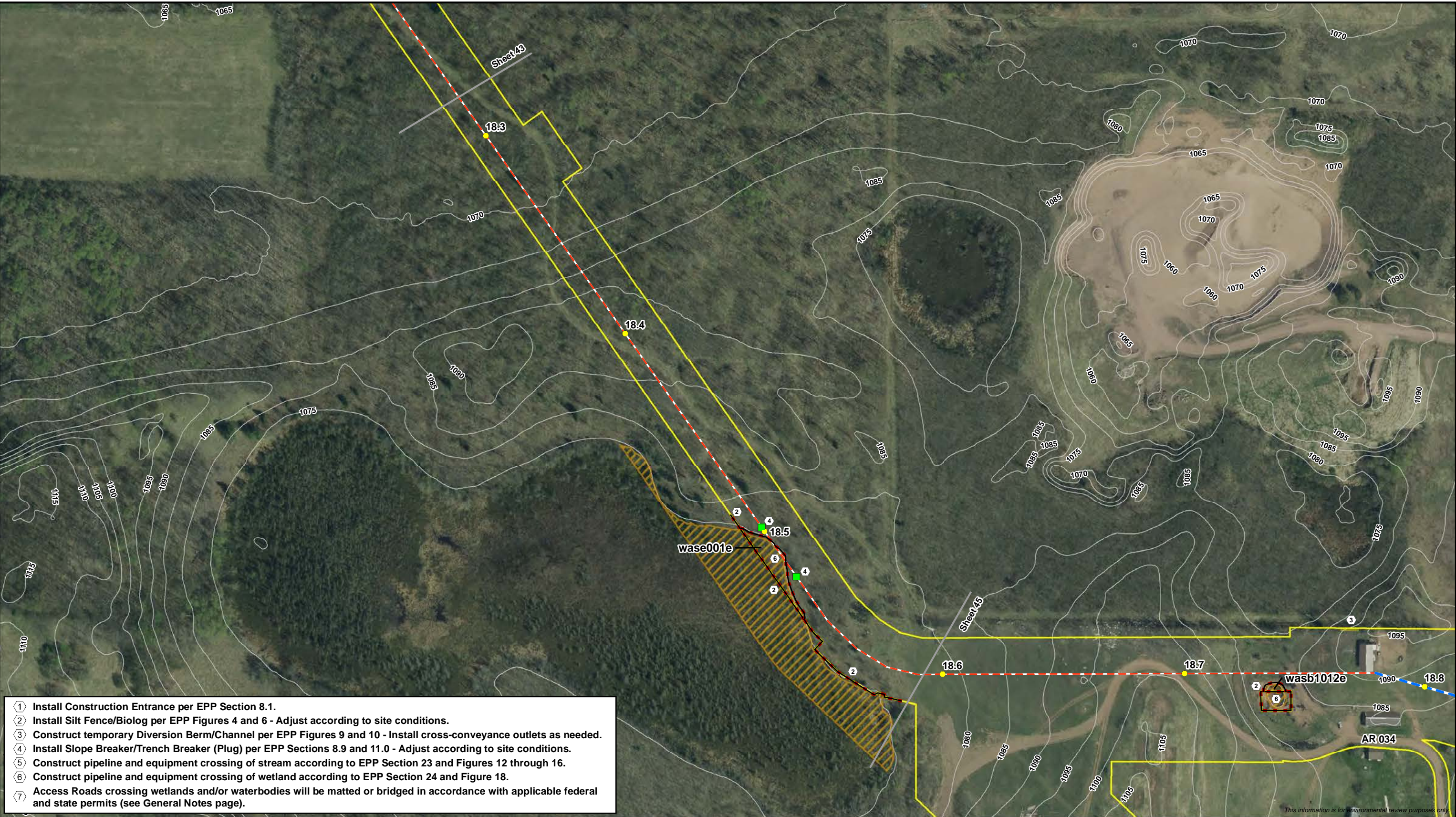
Construction Entrance	Proposed Centerline	PFO Wetland	Perennial Waterbody
Trench Breaker/Plug	HDD/Direct Bore	PSS Wetland	Intermittent Waterbody
Sediment Barrier	Proposed Workspace	PEM Wetland	Ephemeral Waterbody
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5ft Contour	Existing Enbridge Pipeline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

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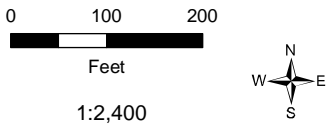


Erosion and Sediment Control Plan
Line 5 Wisconsin Segment Relocation Project
Enbridge Energy, L.P.





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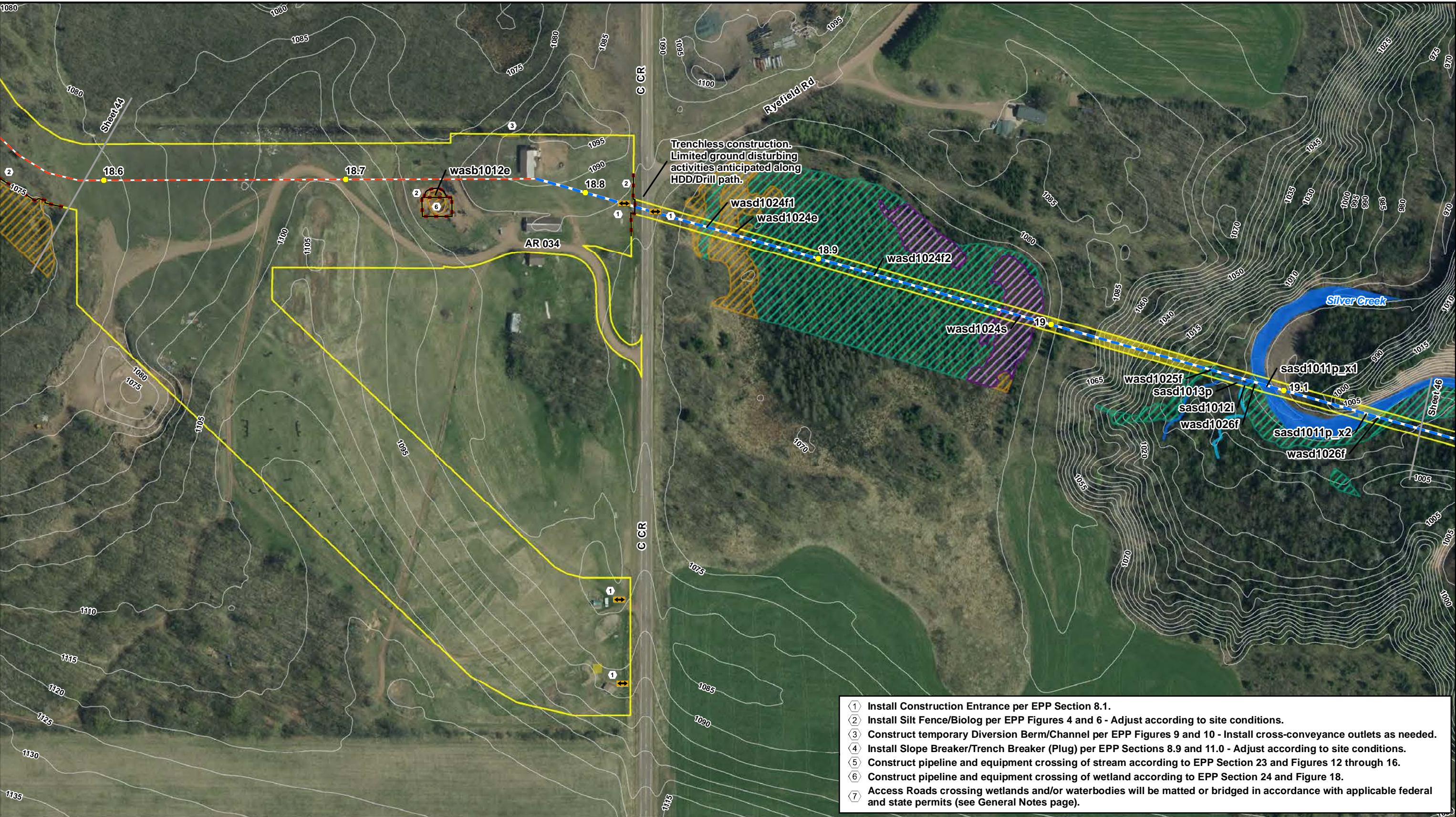
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|-----------------------|----------------------------|-------------|------------------------|
| Construction Entrance | Proposed Centerline | PFO Wetland | Perennial Waterbody |
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Erosion and Sediment Control Plan

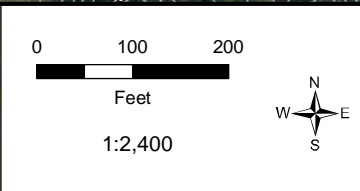
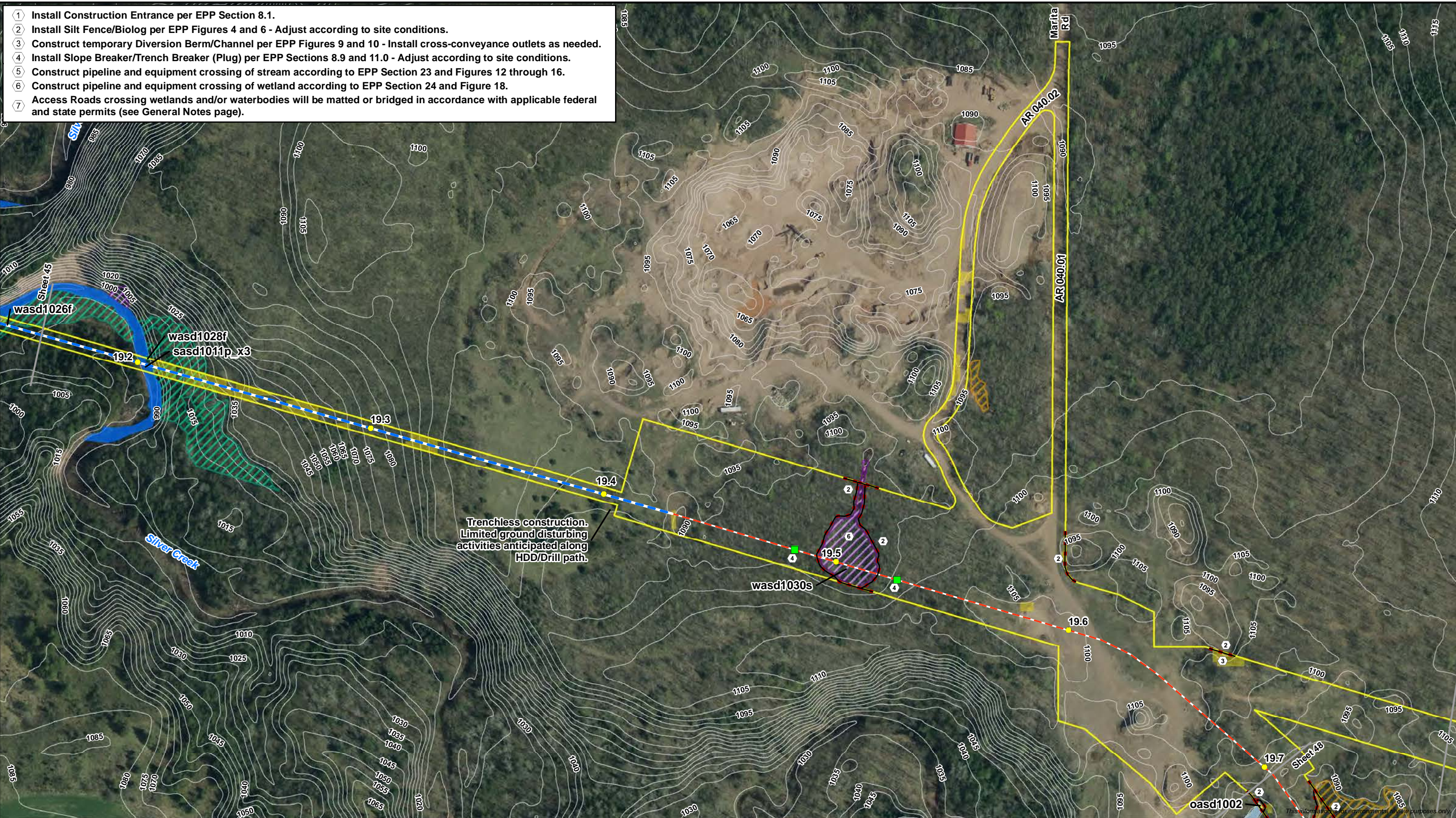
Line 5 Wisconsin Segment Relocation Project

Enbridge Energy, L.P.

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- 1 Install Construction Entrance per EPP Section 8.1.
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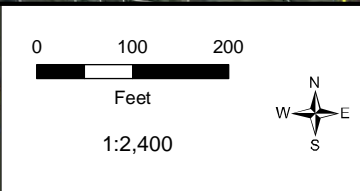
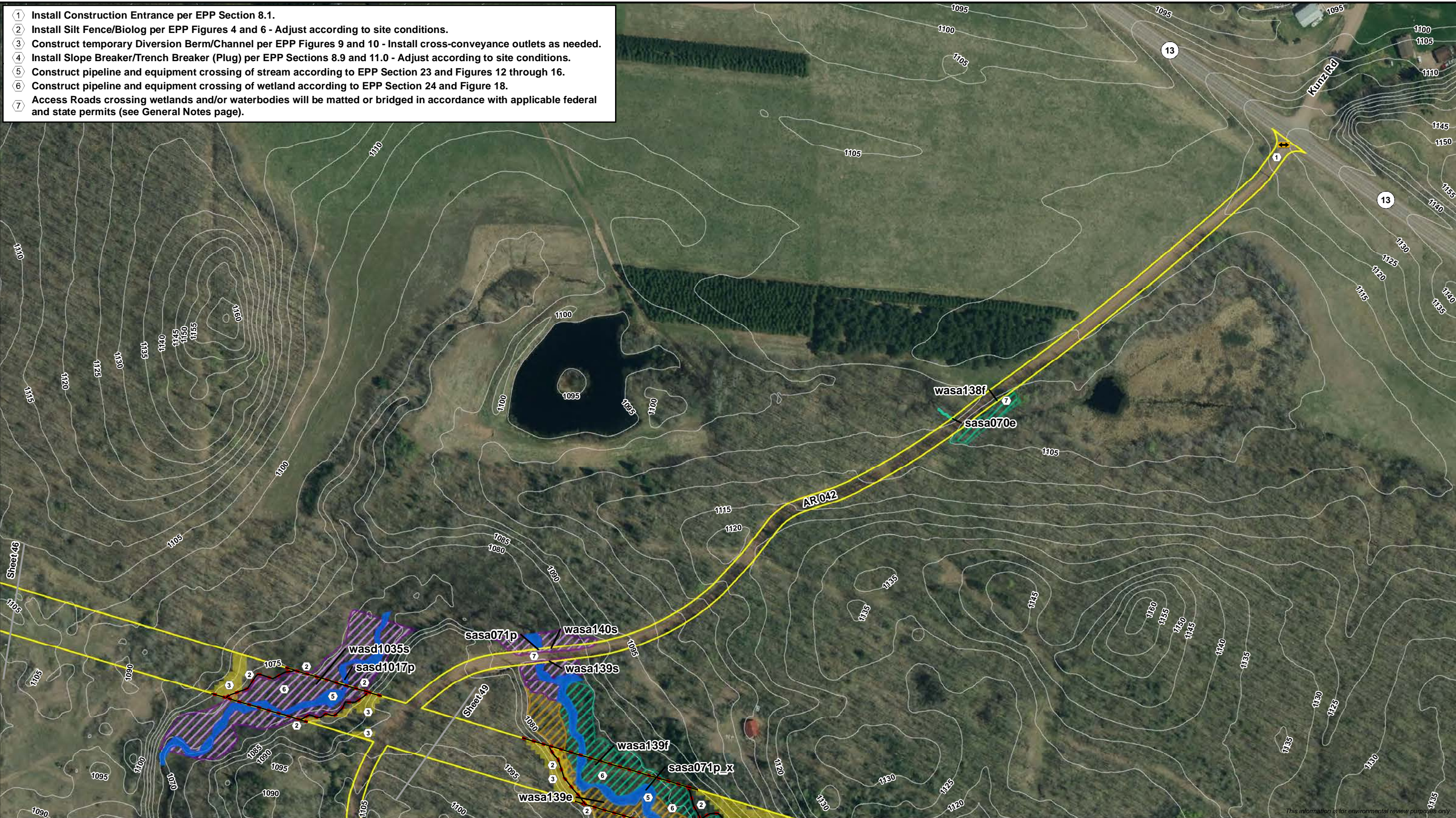
Erosion and Sediment Control Plan

Line 5 Wisconsin Segment Relocation Project

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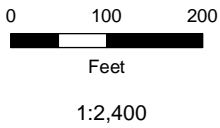
Erosion and Sediment Control Plan

Line 5 Wisconsin Segment Relocation Project

Enbridge Energy, L.P.

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- 2 Install Silt Fence/Biolog per EPP Figures 4 and 6 - Adjust according to site conditions.
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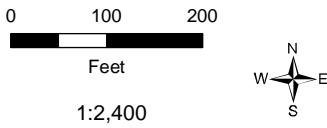
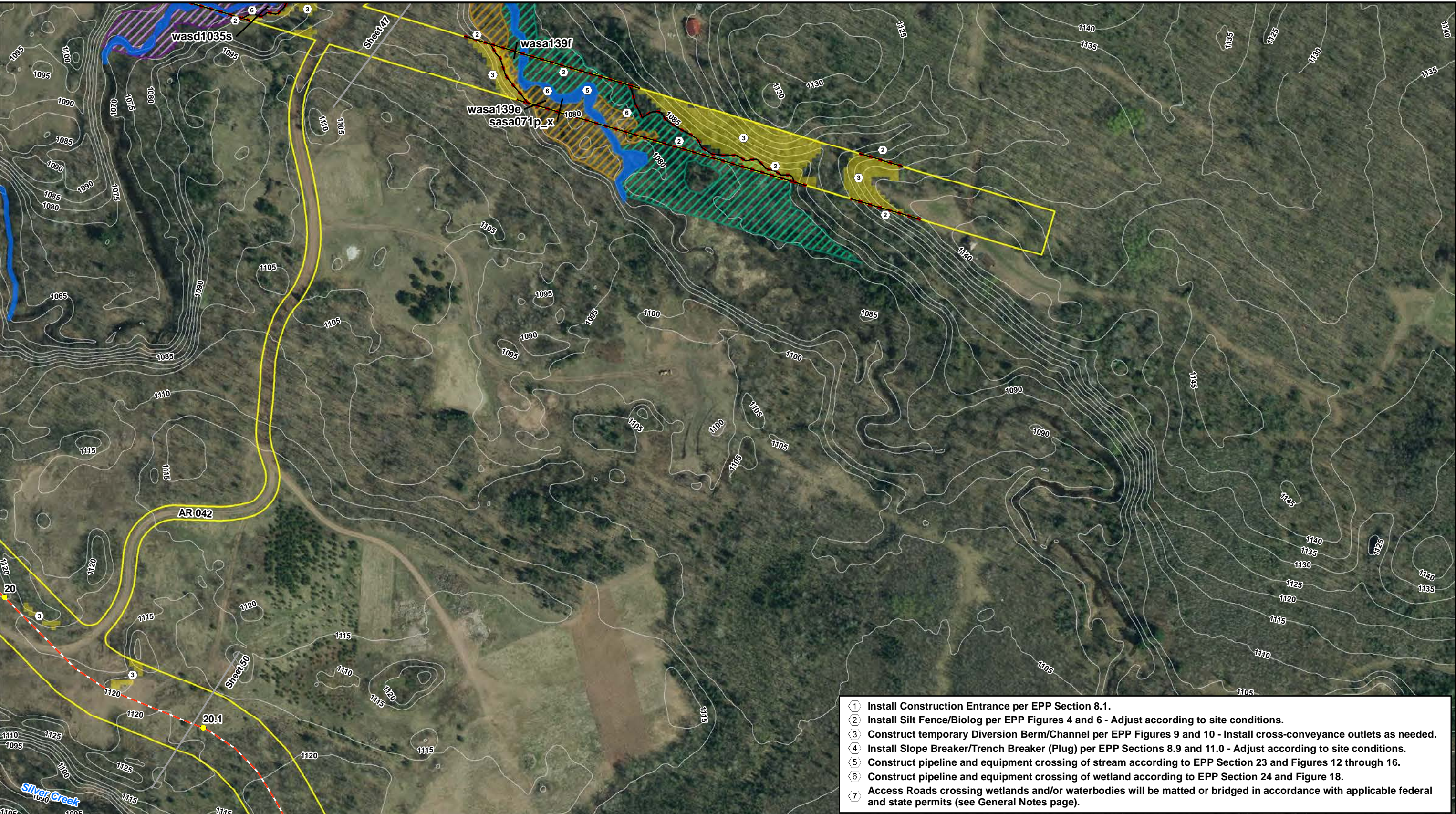
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|-----------------------|----------------------------|-------------|------------------------|
| Construction Entrance | Proposed Centerline | PFO Wetland | Perennial Waterbody |
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Erosion and Sediment Control Plan
Line 5 Wisconsin Segment Relocation Project
Enbridge Energy, L.P.



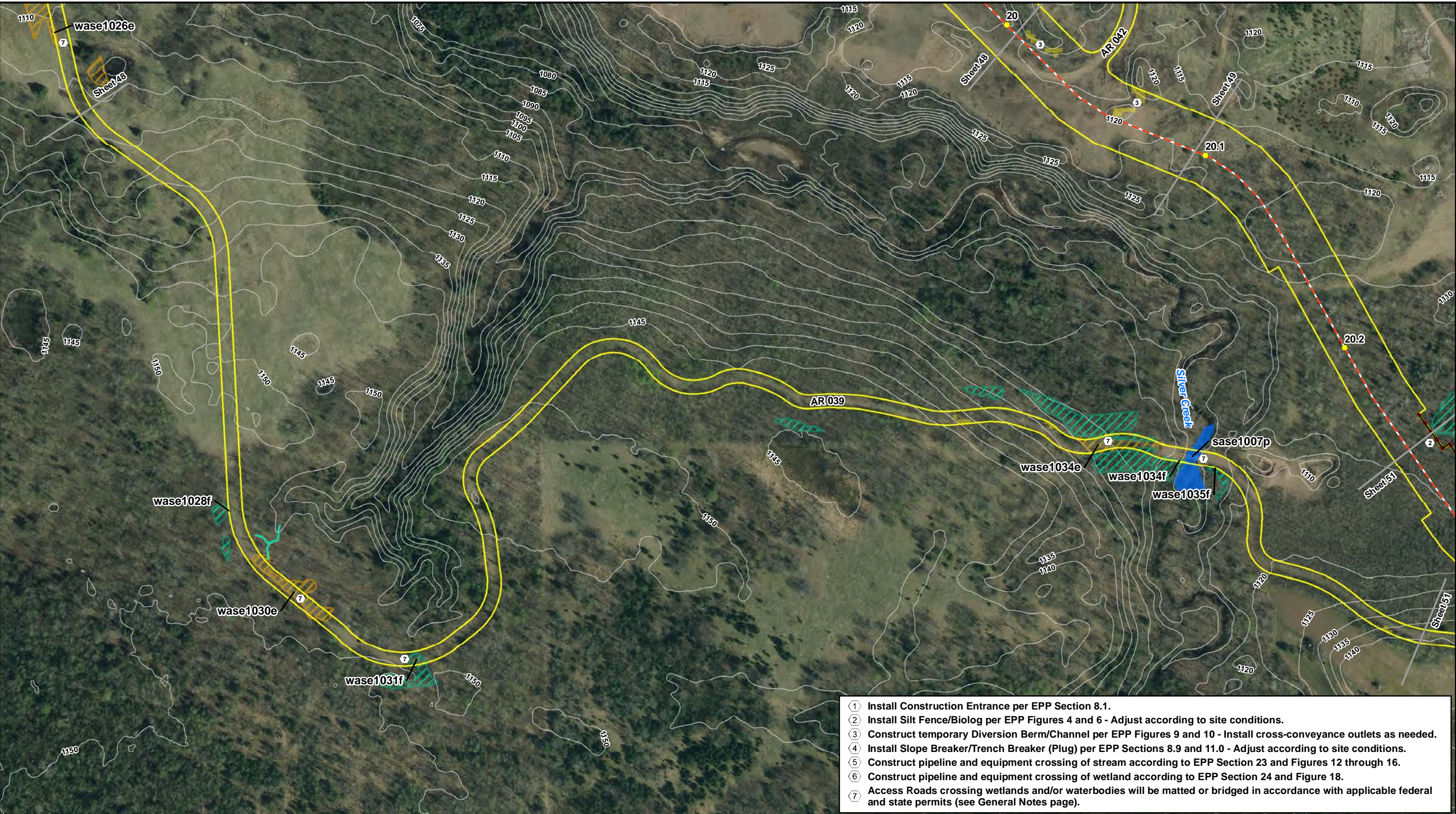


Construction Entrance	Proposed Centerline	PFO Wetland	Perennial Waterbody
Trench Breaker/Plug	HDD/Direct Bore	PSS Wetland	Intermittent Waterbody
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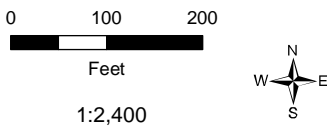
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Erosion and Sediment Control Plan
Line 5 Wisconsin Segment Relocation Project
Enbridge Energy, L.P.

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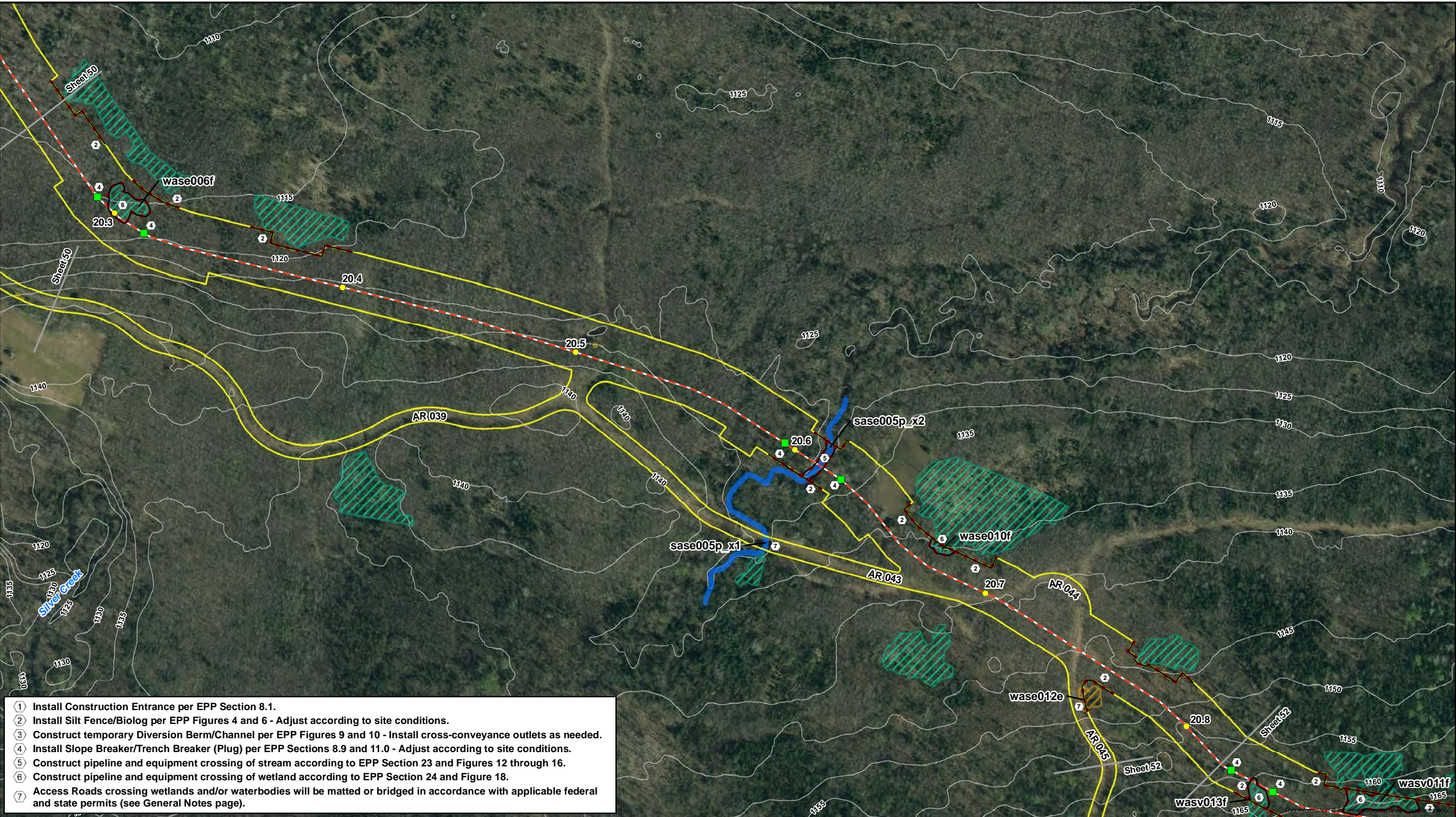


Construction Entrance	Proposed Centerline	PFO Wetland	Perennial Waterbody
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Sediment Barrier	Proposed Workspace	PEM Wetland	Ephemeral Waterbody
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5ft Contour	Existing Enbridge Pipeline		
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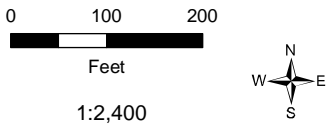
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Erosion and Sediment Control Plan
Line 5 Wisconsin Segment Relocation Project
Enbridge Energy, L.P.

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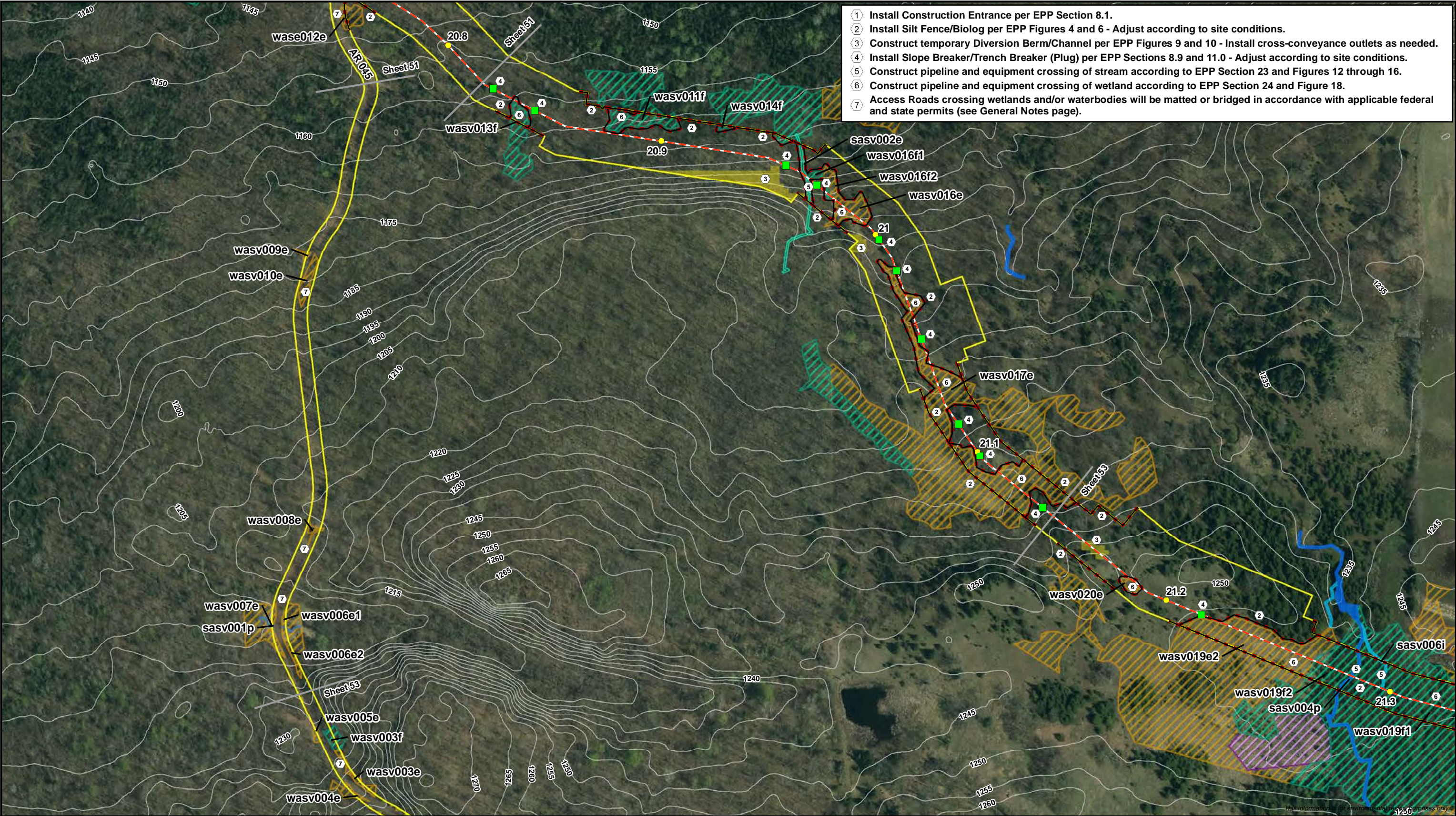
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Sediment Barrier	Proposed Workspace	PEM Wetland	Ephemeral Waterbody
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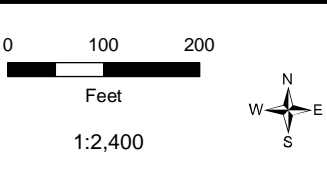


Erosion and Sediment Control Plan
Line 5 Wisconsin Segment Relocation Project
Enbridge Energy, L.P.





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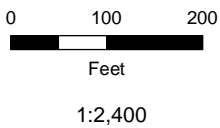
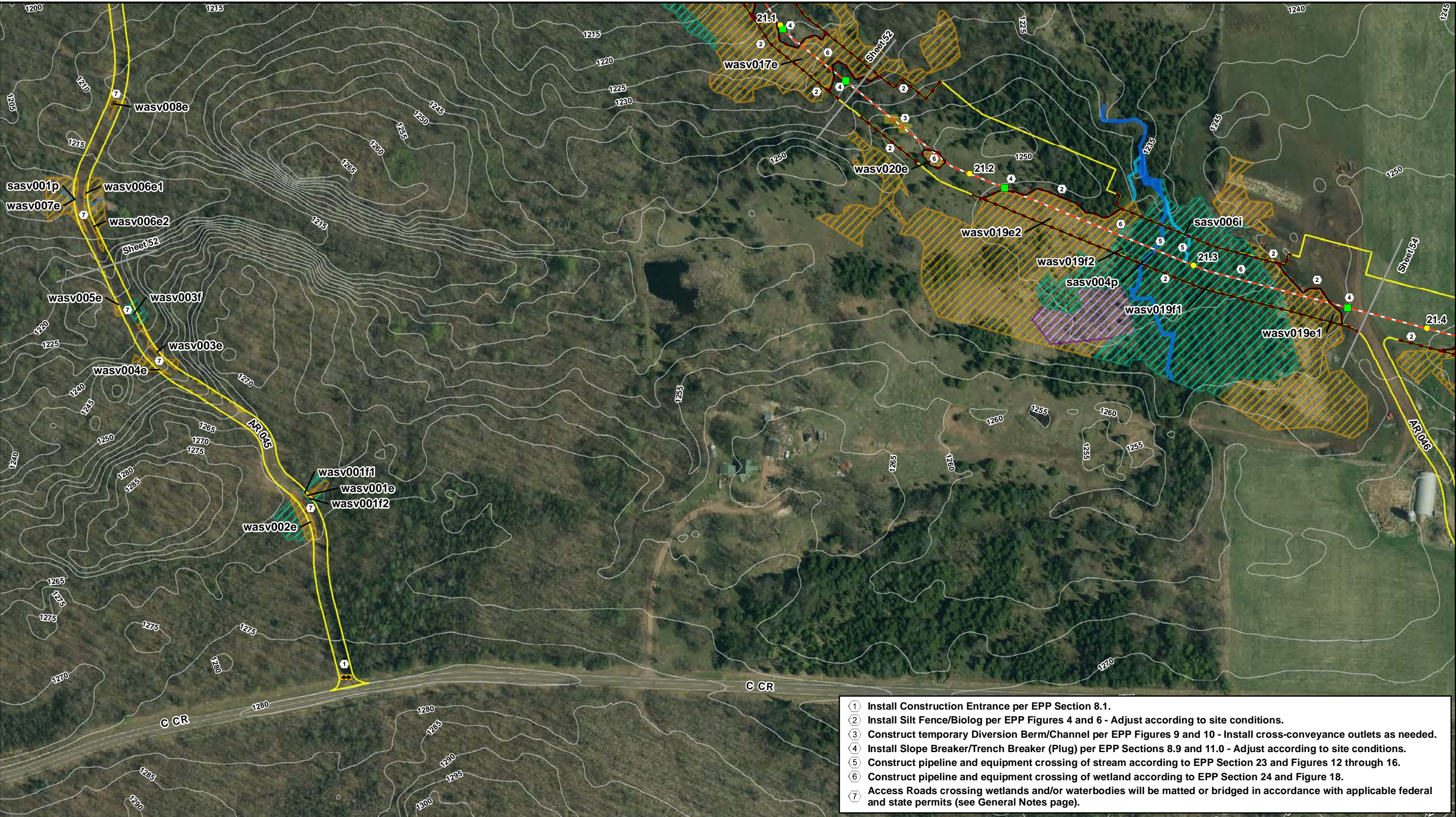
- Construction Entrance
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Erosion and Sediment Control Plan
Line 5 Wisconsin Segment Relocation Project
Enbridge Energy, L.P.





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|-----------------------|----------------------------|
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- | | |
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| Pond | |

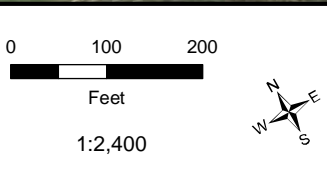
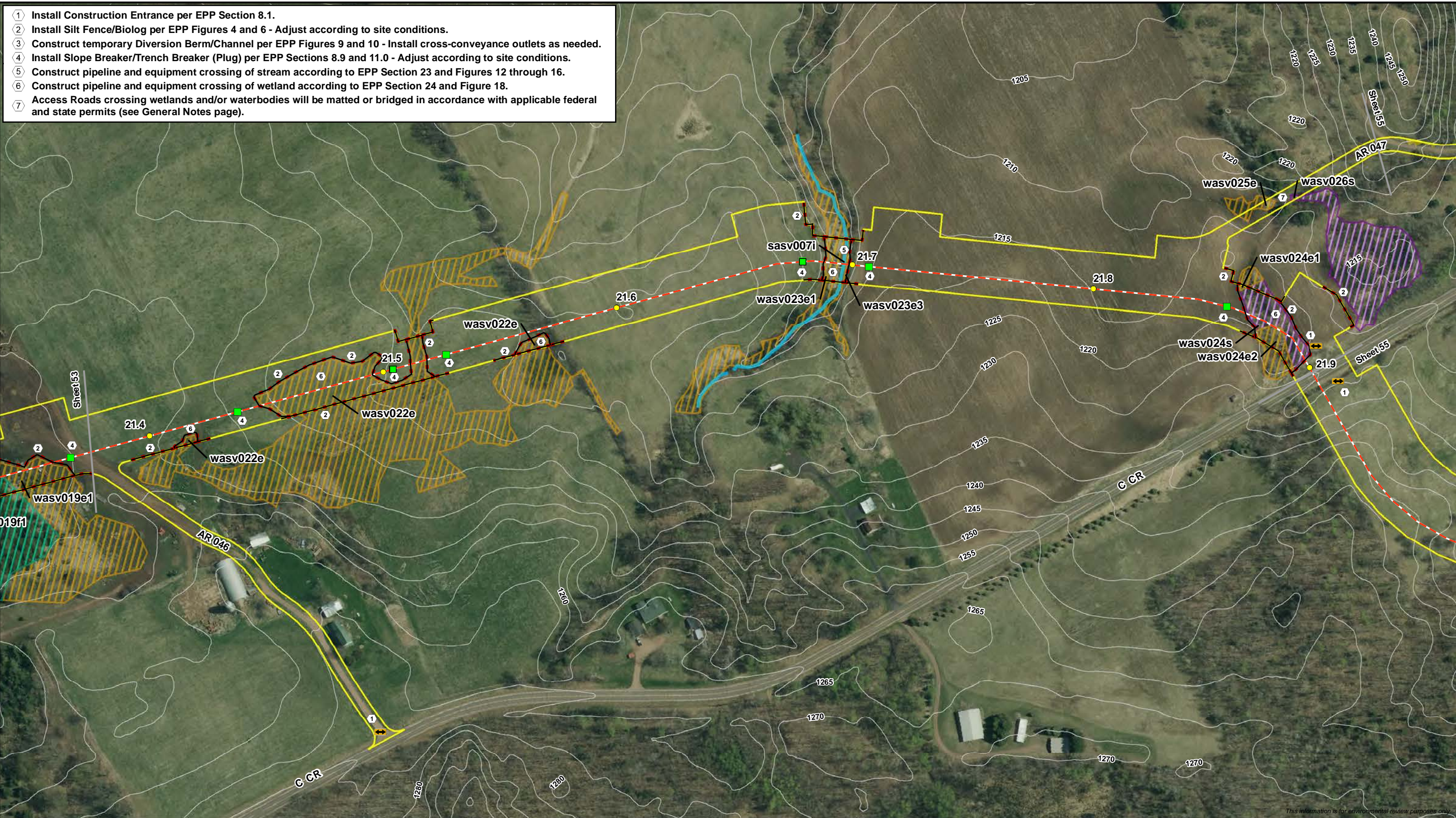
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Erosion and Sediment Control Plan
Line 5 Wisconsin Segment Relocation Project
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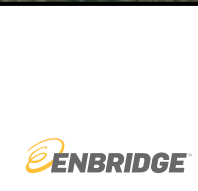


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Erosion and Sediment Control Plan
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