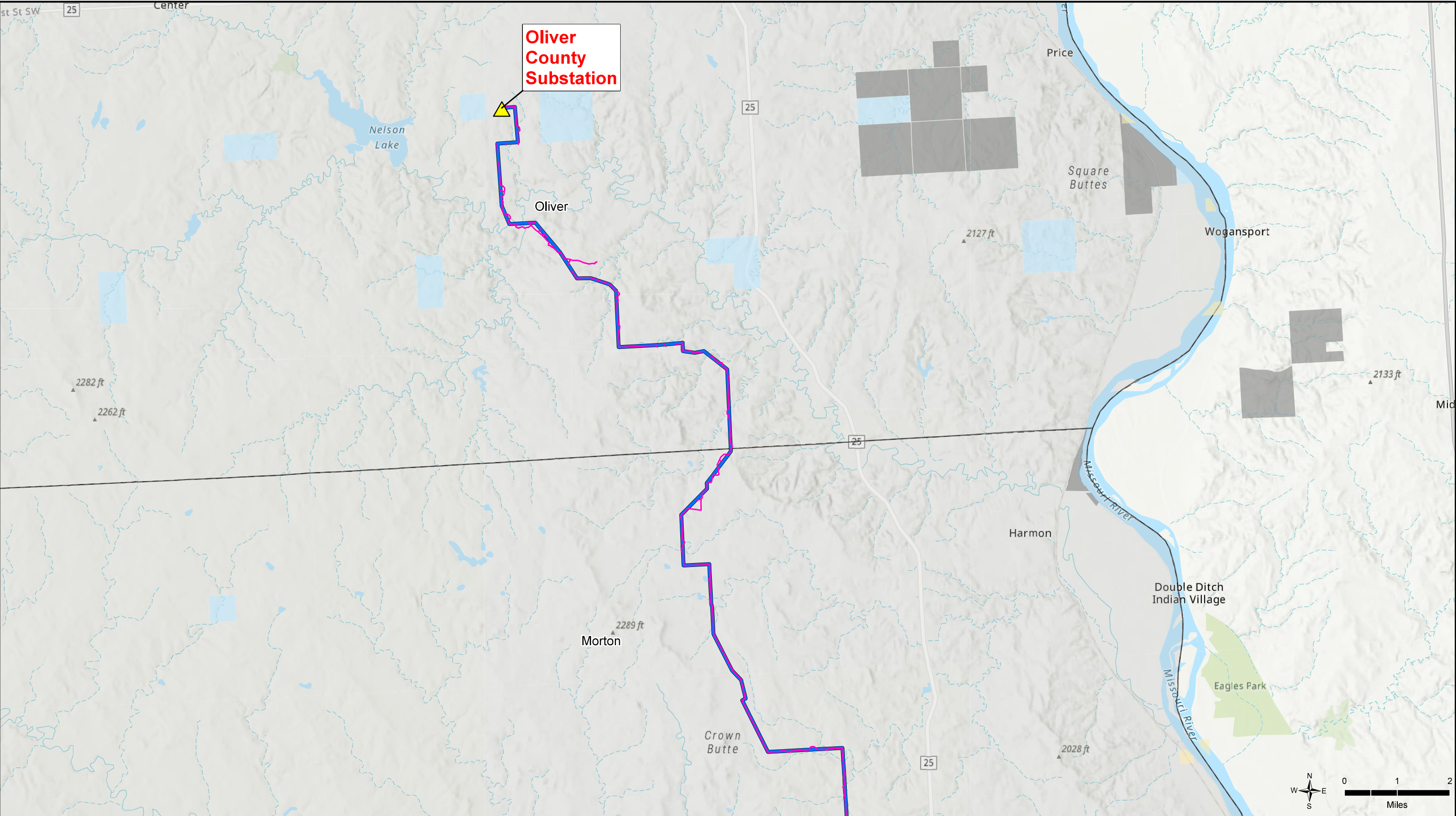


 Interconnection Location
(Not Part of Project)

Proposed Alternative

 Oliver Transmission Line
(345-kV)

 Access Road

 County Boundary

Federal/State Land Owner

 Bureau of Land
Management

 Montana State
Conservation Easement

 State



Figure 2.3-1
Proposed Alternative
North Plains Connector
Montana and North Dakota
Page 14 of 14



Page Intentionally Left Blank

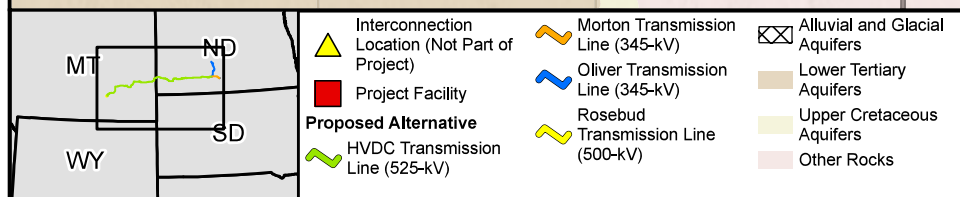
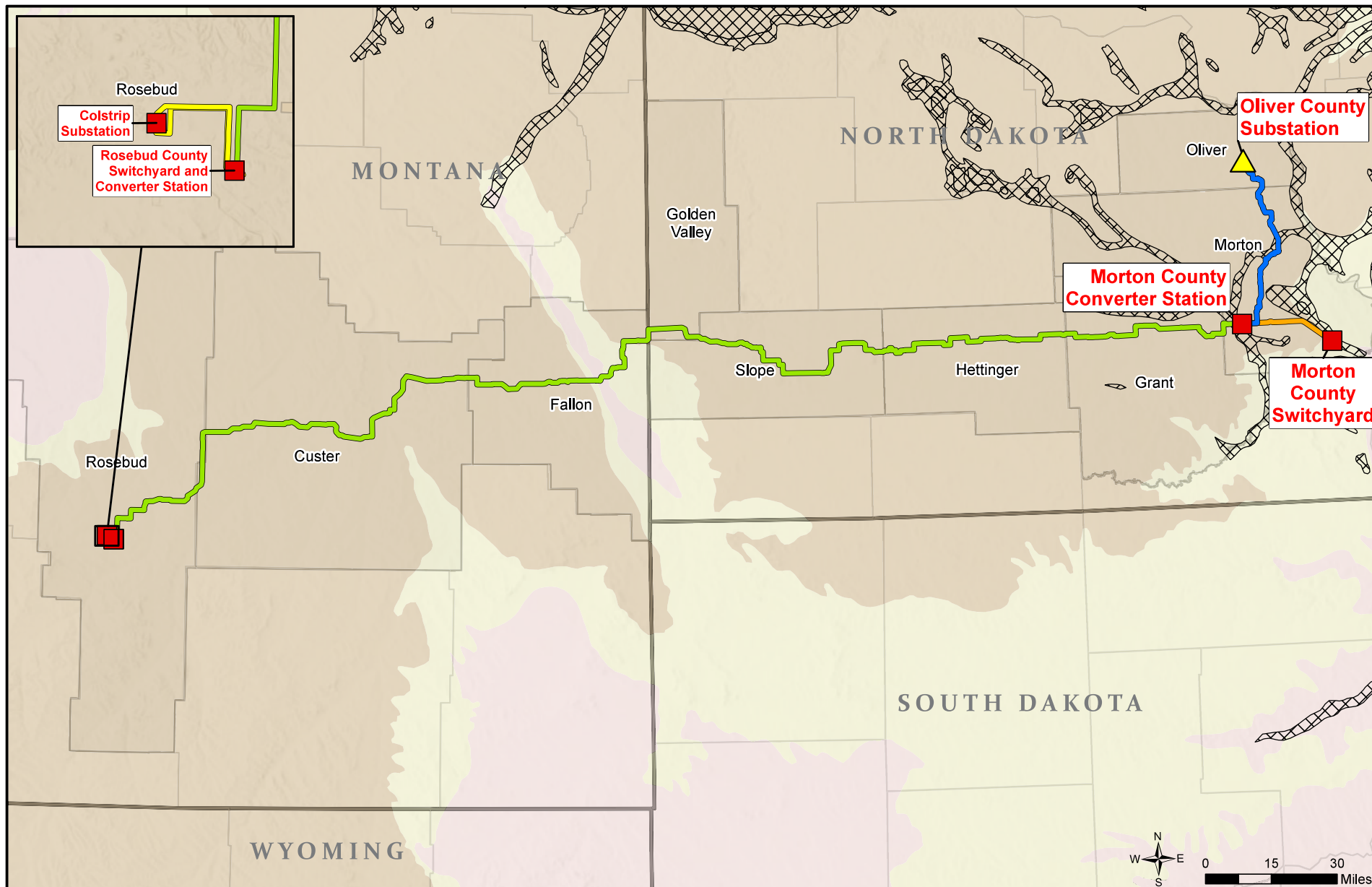


Figure 3.5-1
Principal Aquifers Crossed
 North Plains Connector
 Montana and North Dakota

DEQ
 Montana Department of Environmental Quality

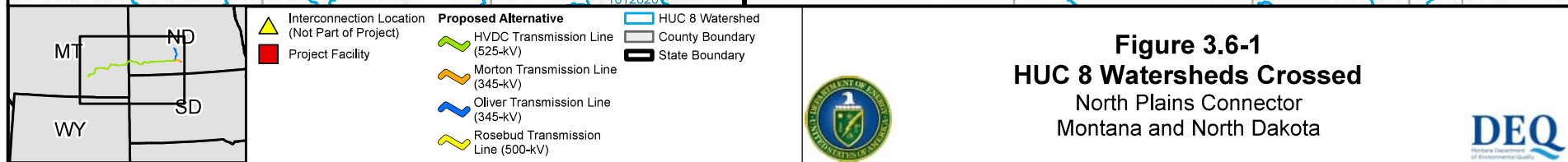
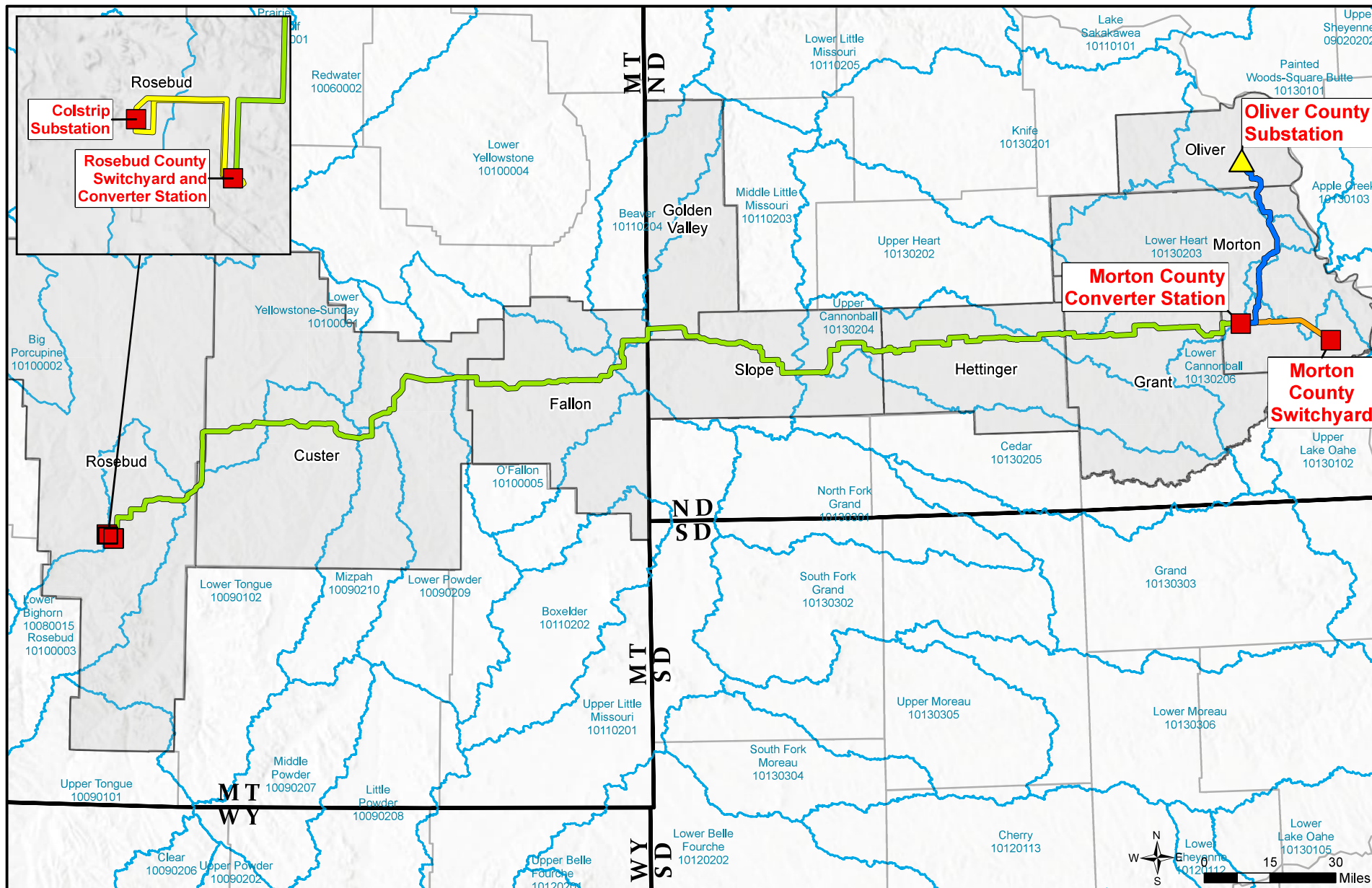
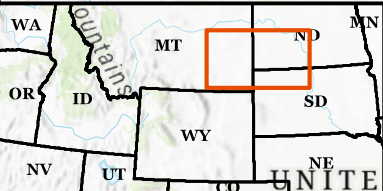
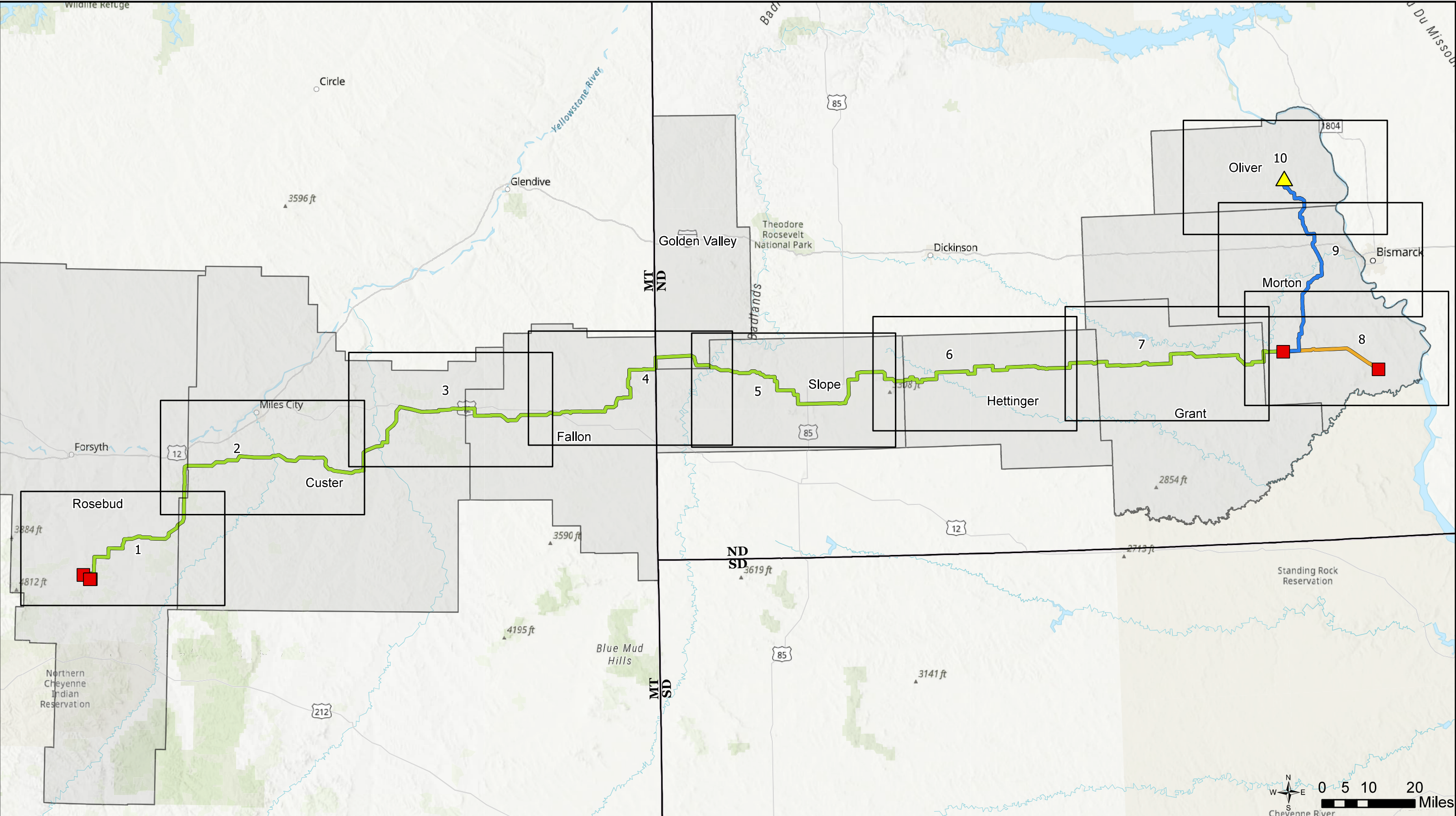


Figure 3.6-1
HUC 8 Watersheds Crossed
 North Plains Connector
 Montana and North Dakota



- Interconnection Location (Not Part of Project)
- Project Facility

- Proposed Alternative**
- HVDC Transmission Line (525-kV)
 - Morton Transmission Line (345-kV)

- Oliver Transmission Line (345-kV)

- Page Index
- County Boundary
- State Boundary



Figure 3.6-2
Surface Water Hydrology
North Plains Connector
Montana and North Dakota
Page Index



Page Intentionally Left Blank

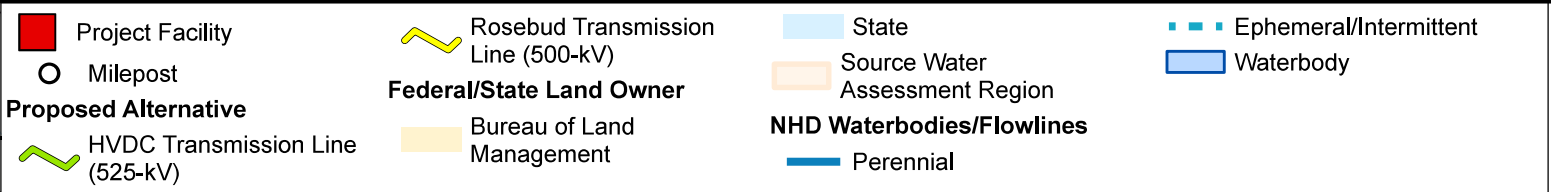
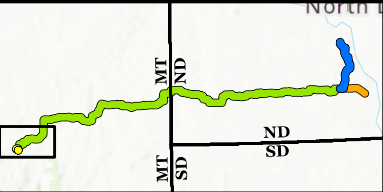
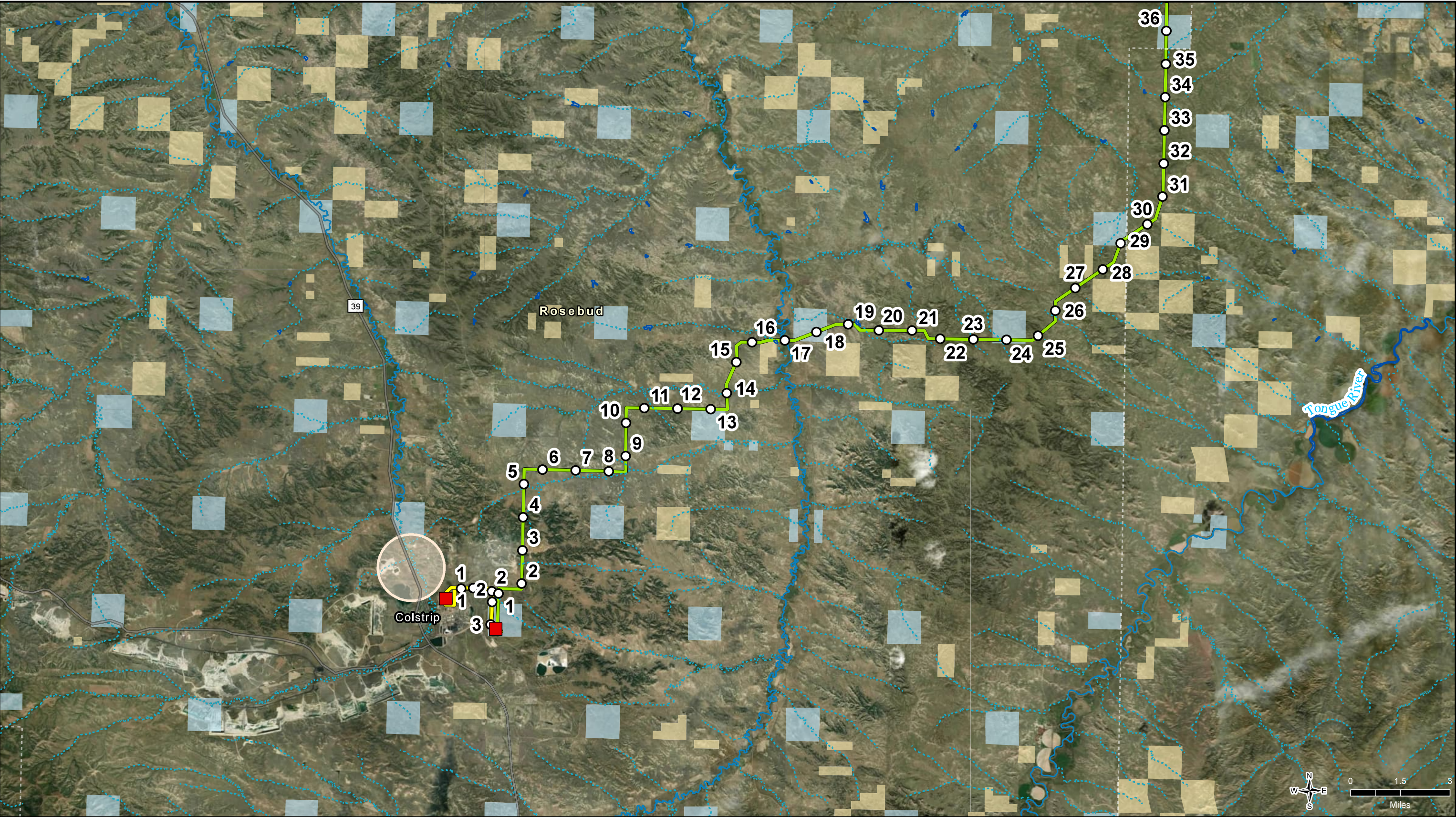
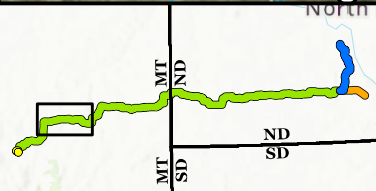
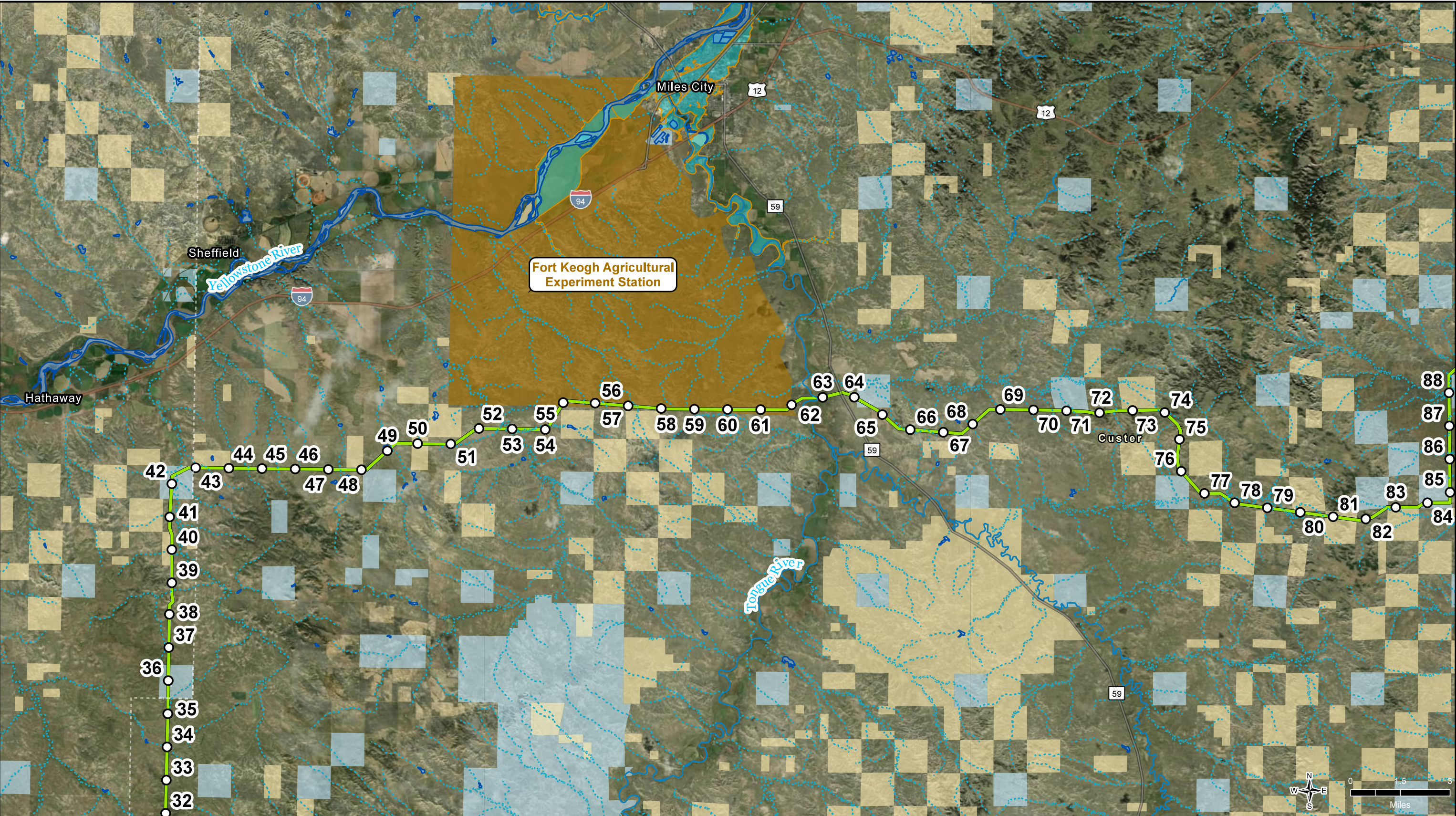




Figure 3.6-2
Surface Water Hydrology
North Plains Connector
Montana and North Dakota
Page 1 of 10



Page Intentionally Left Blank



○ Milepost	Federal/State Land Owner	State	Waterbody
Proposed Alternative	Agriculture Research Service	NHD Waterbodies/Flowlines	FEMA Floodplain
HVDC Transmission Line (525-kV)	Bureau of Land Management	Perennial	100-Year Floodplain (1% Annual Chance Flood Hazard)
		Ephemeral/Intermittent	

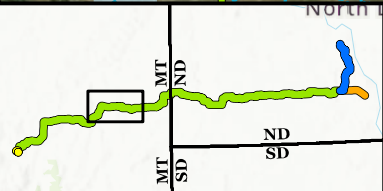


Figure 3.6-2
Surface Water Hydrology
North Plains Connector
Montana and North Dakota
Page 2 of 10



DRAWN BY: EMH

Page Intentionally Left Blank



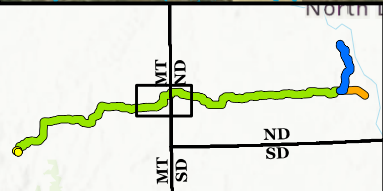
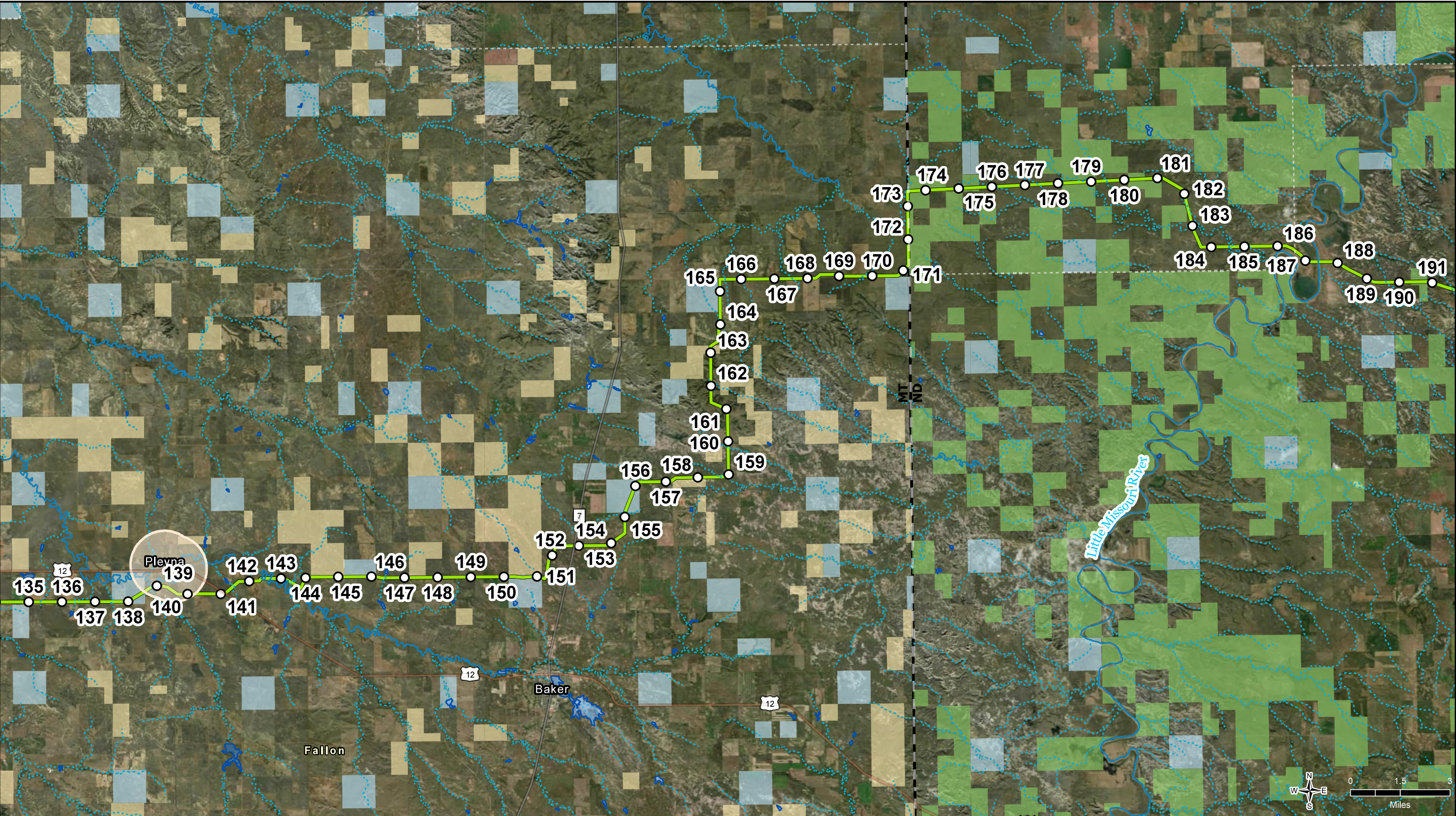
Milepost	Federal/State Land Owner	Source Water Assessment Region	Ephemeral/Intermittent
Proposed Alternative	Bureau of Land Management	NHD Waterbodies/Flowlines	Waterbody
HVDC Transmission Line (525-kV)	State	Perennial	

Figure 3.6-2
Surface Water Hydrology
North Plains Connector
Montana and North Dakota
Page 3 of 10

Montana Department of Environmental Quality

DRAWN BY: EMH

Page Intentionally Left Blank

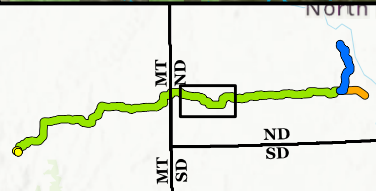
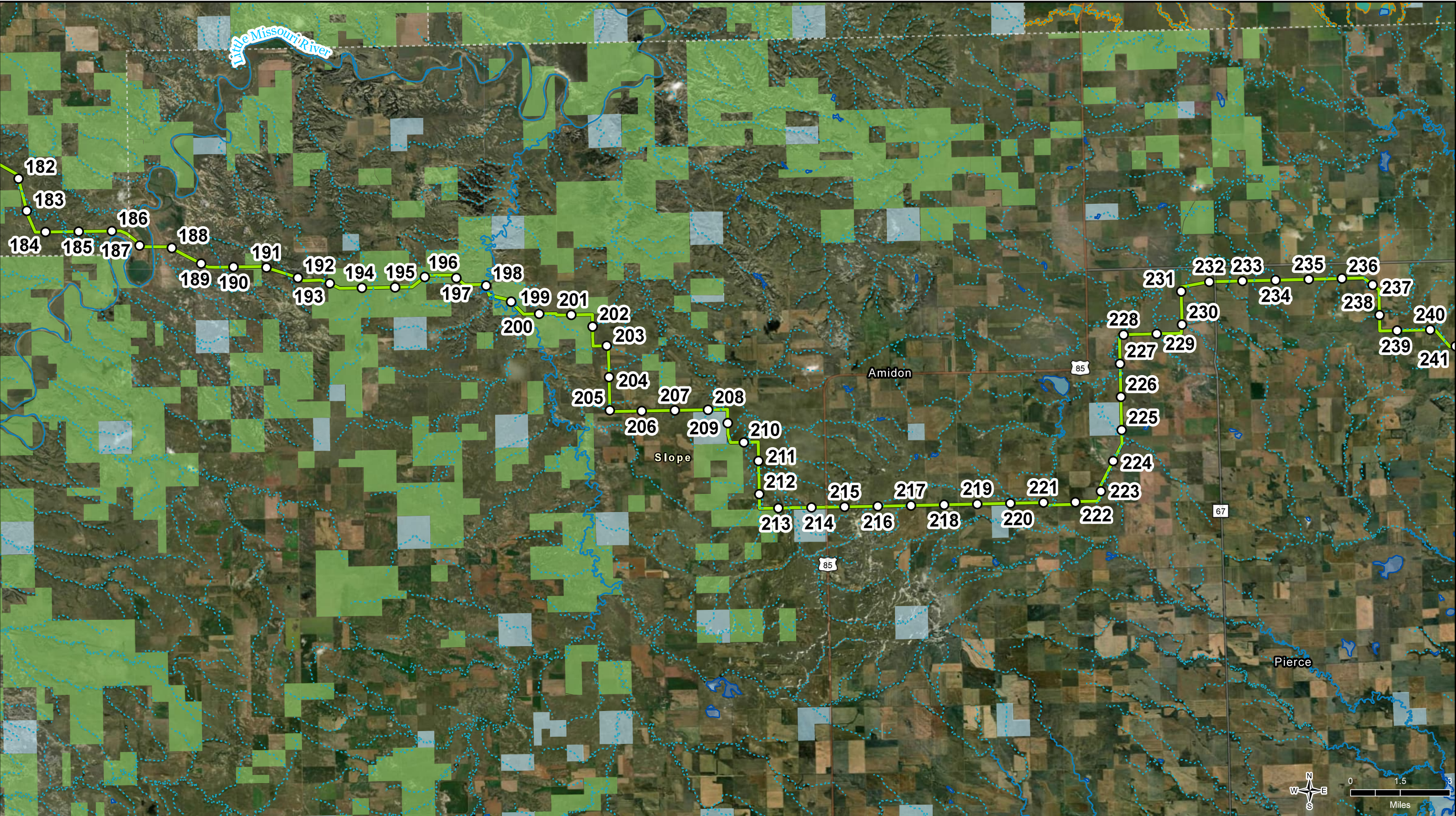


Milepost	Federal/State Land Owner	US Forest Service	NHD Waterbodies/Flowlines
Proposed Alternative HVDC Transmission Line (525-kV)	Bureau of Land Management	Source Water Assessment Region	Perennial
	State		Ephemeral/Intermittent
			Waterbody

Figure 3.6-2
Surface Water Hydrology
North Plains Connector
Montana and North Dakota
Page 4 of 10

DRAWN BY: EMH

Page Intentionally Left Blank



○ Milepost Proposed Alternative HVDC Transmission Line (525-kV)	Federal/State Land Owner State US Forest Service	NHD Waterbodies/Flowlines Perennial Ephemeral/Intermittent Waterbody	FEMA Floodplain 100-Year Floodplain (1% Annual Chance Flood Hazard)
---	--	---	--



Figure 3.6-2

Surface Water Hydrology

North Plains Connector

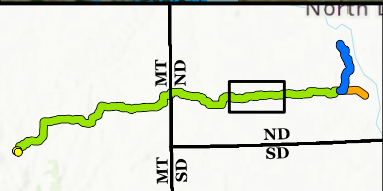
Montana and North Dakota

Page 5 of 10



DRAWN BY: EMH

Page Intentionally Left Blank



○ Milepost Proposed Alternative HVDC Transmission Line (525-kV)	Federal/State Land Owner State NHD Waterbodies/Flowlines Perennial	Ephemeral/Intermittent Waterbody	FEMA Floodplain 100-Year Floodplain (1% Annual Chance Flood Hazard)
--	--	--	---



Figure 3.6-2
Surface Water Hydrology
North Plains Connector
Montana and North Dakota
Page 6 of 10



Page Intentionally Left Blank

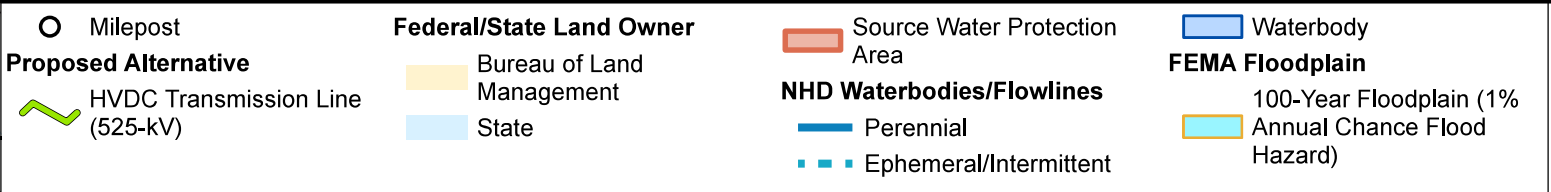
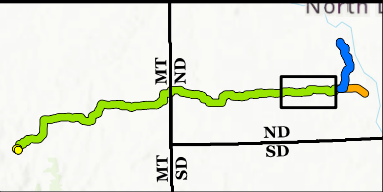
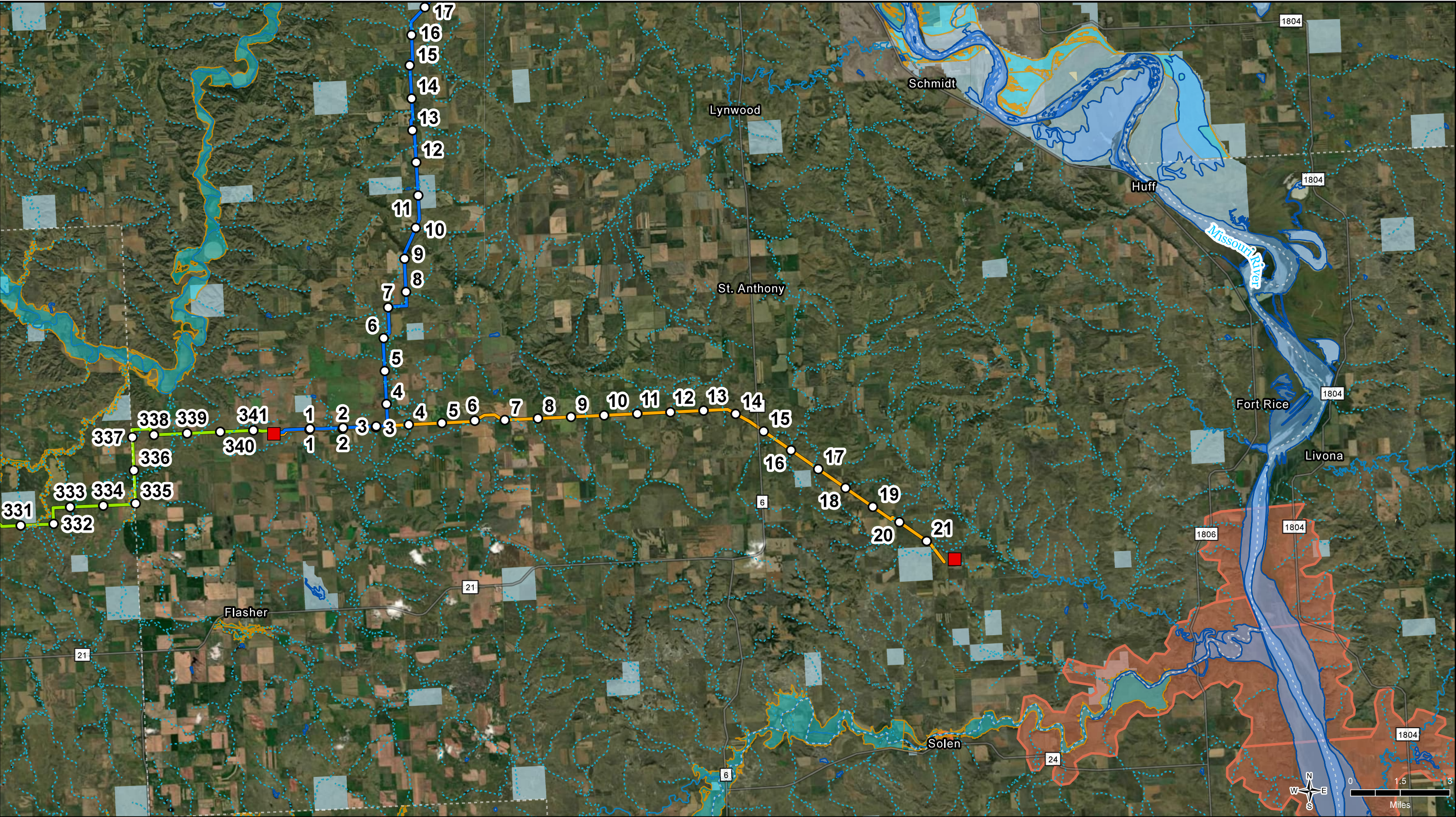


Figure 3.6-2
Surface Water Hydrology
North Plains Connector
Montana and North Dakota
Page 7 of 10

DRAWN BY: EMH

Page Intentionally Left Blank



MT ND
SD SD

Project Facility

Milepost

Proposed Alternative

HVDC Transmission Line (525-kV)

Morton Transmission Line (345-kV)

Oliver Transmission Line (345-kV)

Federal/State Land Owner

Bureau of Land Management

State

Source Water Protection Area

NHD Waterbodies/Flowlines

Perennial

Ephemeral/Intermittent

Waterbody

FEMA Floodplain

100-Year Floodplain (1%)

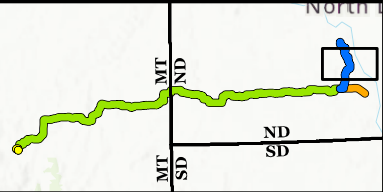
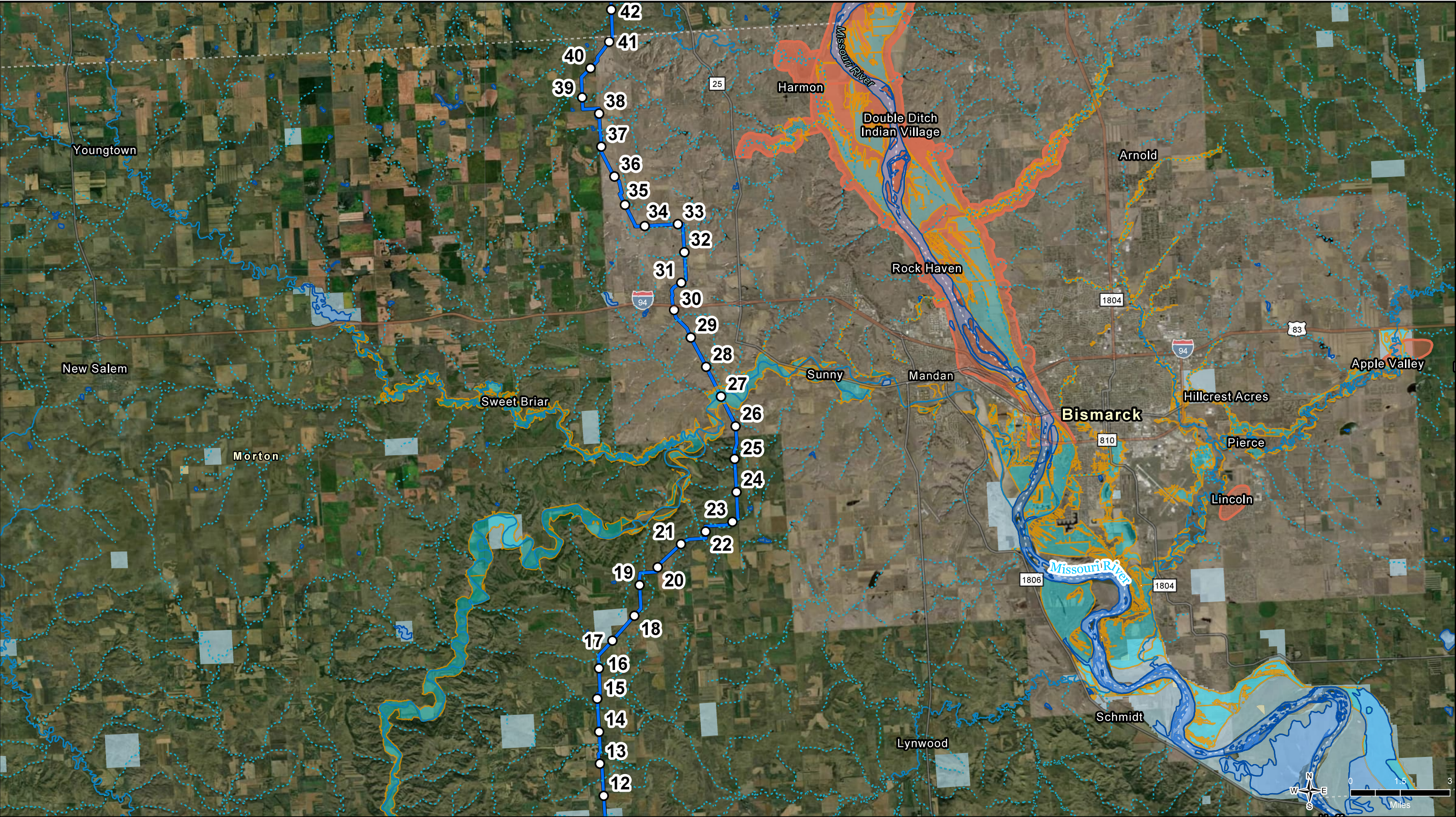
Annual Chance Flood Hazard

Figure 3.6-2
Surface Water Hydrology
North Plains Connector
Montana and North Dakota
Page 8 of 10

DRAWN BY: EMH

MPLS M:\US\Projects\G-L\Grid United\Montana 3rd Party Supt\ArcGIS\Section 3.aprx\Surface_Waters_NHD_Series | REVISED: 08/13/2025 | SCALE: 1:175,000 when printed at 11x17

Page Intentionally Left Blank



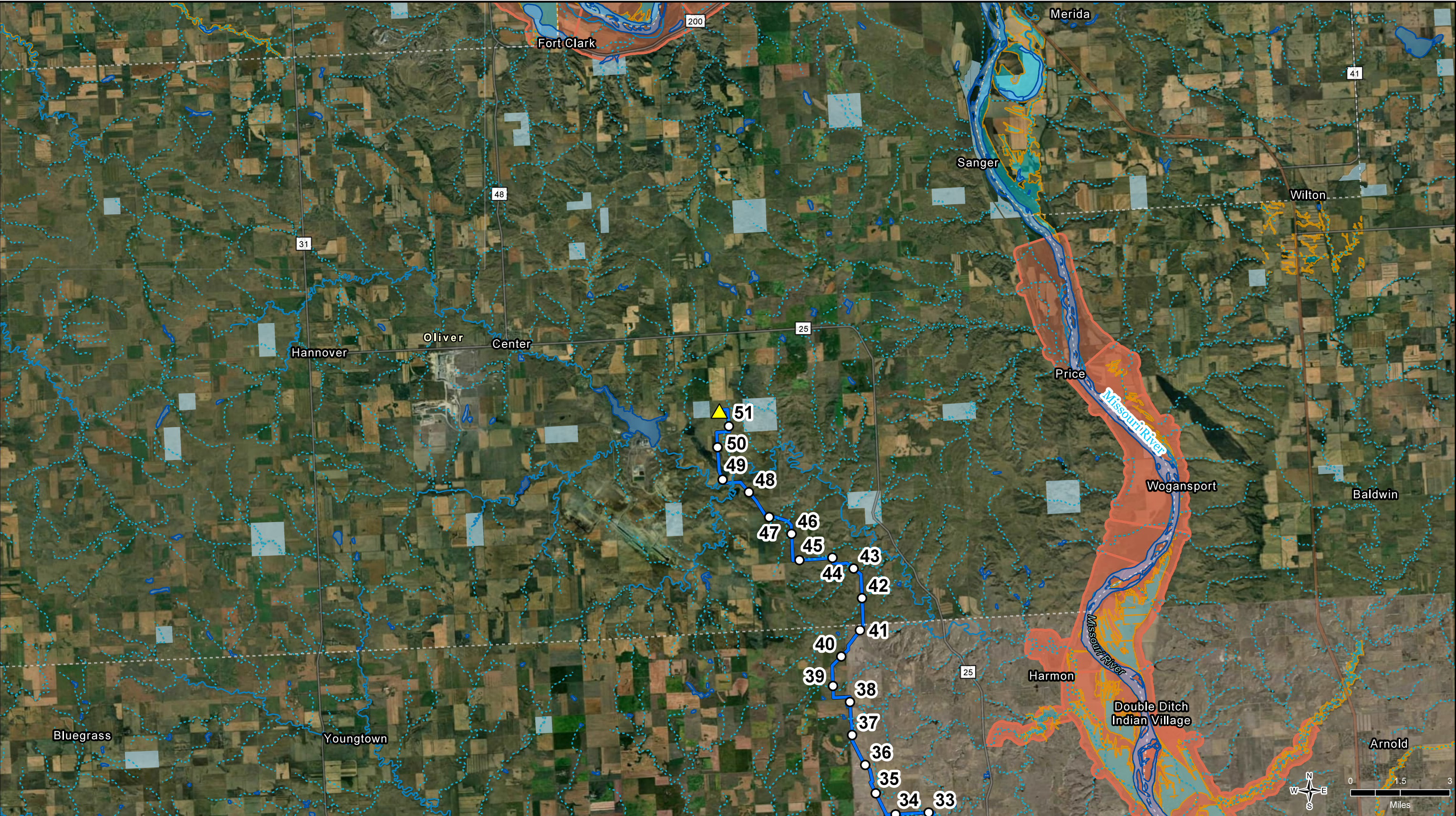
Milepost	Federal/State Land Owner	Source Water Protection Area	Waterbody
Proposed Alternative	Bureau of Land Management	NHD Waterbodies/Flowlines	FEMA Floodplain
Oliver Transmission Line (345-kV)	State	Perennial	100-Year Floodplain (1%)
		Ephemeral/Intermittent	Annual Chance Flood Hazard

Figure 3.6-2
Surface Water Hydrology
North Plains Connector
Montana and North Dakota
Page 9 of 10

Montana Department of Environmental Quality

DRAWN BY: EMH

Page Intentionally Left Blank



MT ND
MT SD ND SD

Interconnection Location (Not Part of Project)

Milepost

Proposed Alternative

Oliver Transmission Line (345-kV)

Federal/State Land Owner

Bureau of Land Management

State

Source Water Protection Area

NHD Waterbodies/Flowlines

Perennial

Ephemeral/Intermittent

Waterbody

FEMA Floodplain

100-Year Floodplain (1% Annual Chance Flood Hazard)

Figure 3.6-2

Surface Water Hydrology

North Plains Connector

Montana and North Dakota

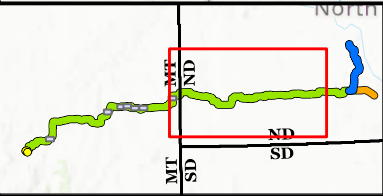
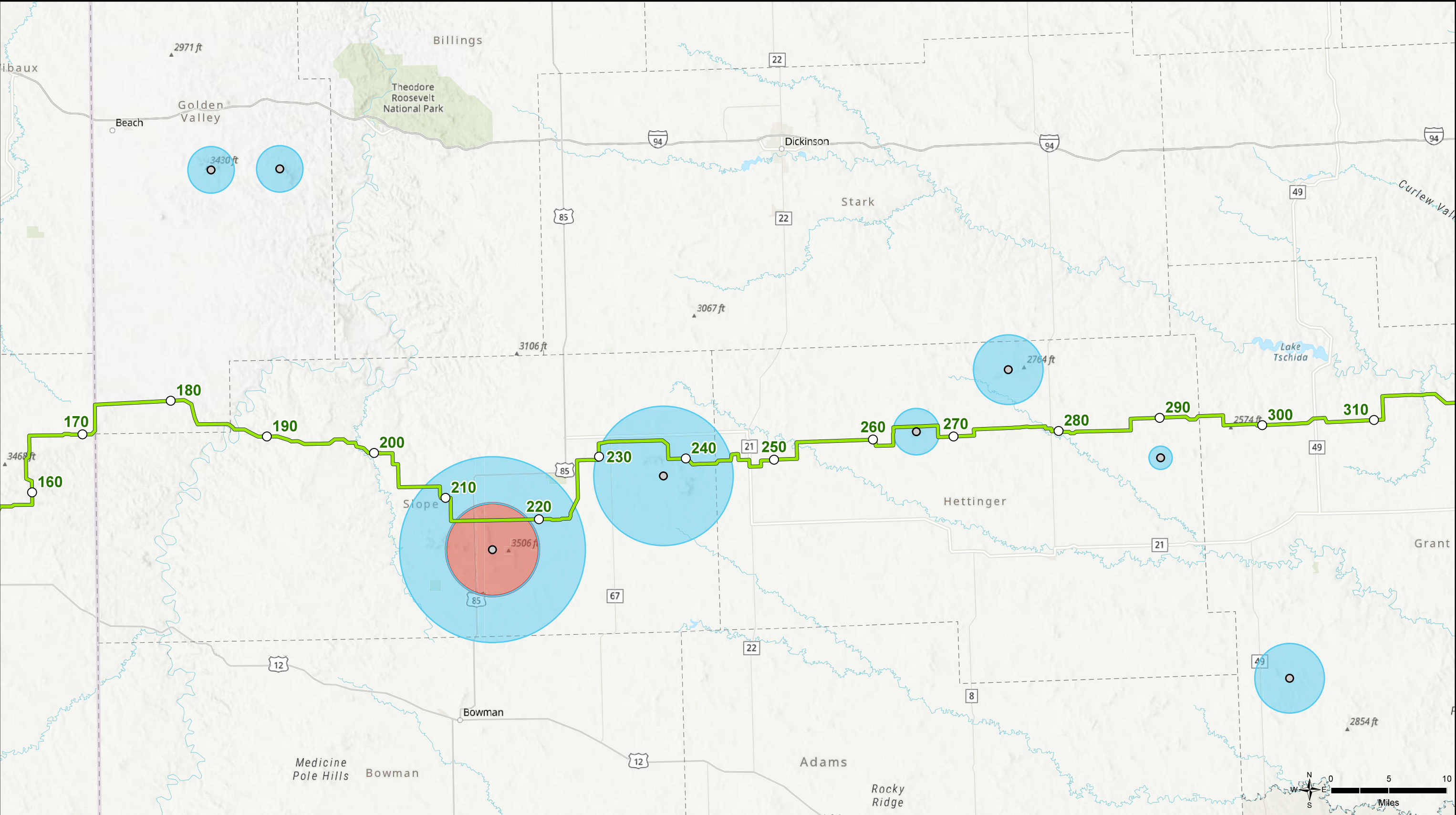
Page 10 of 10

DEQ
Montana Department of Environmental Quality

MPLS M:\US\Projects\G-L\Grid United\Montana 3rd Party Supt\ArcGIS\Section 3.aprx\Surface_Waters_NHD_Series | REVISED: 08/13/2025 | SCALE: 1:175,000 when printed at 11x17

DRAWN BY: EMH

Page Intentionally Left Blank



Milepost

Township Section

Do Not Use

Written Approval Needed

HVDC Transmission Line (525-kV)

Morton Transmission Line (345-kV)

Oliver Transmission Line (345-kV)

Rosebud Transmission Line (500-kV)

Proposed Alternative



Figure 3.7-1

Aggregate Source Limitations

North Plains Connector

North Dakota

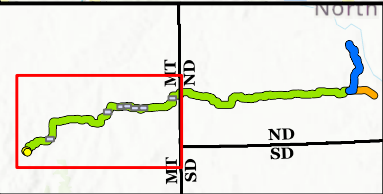
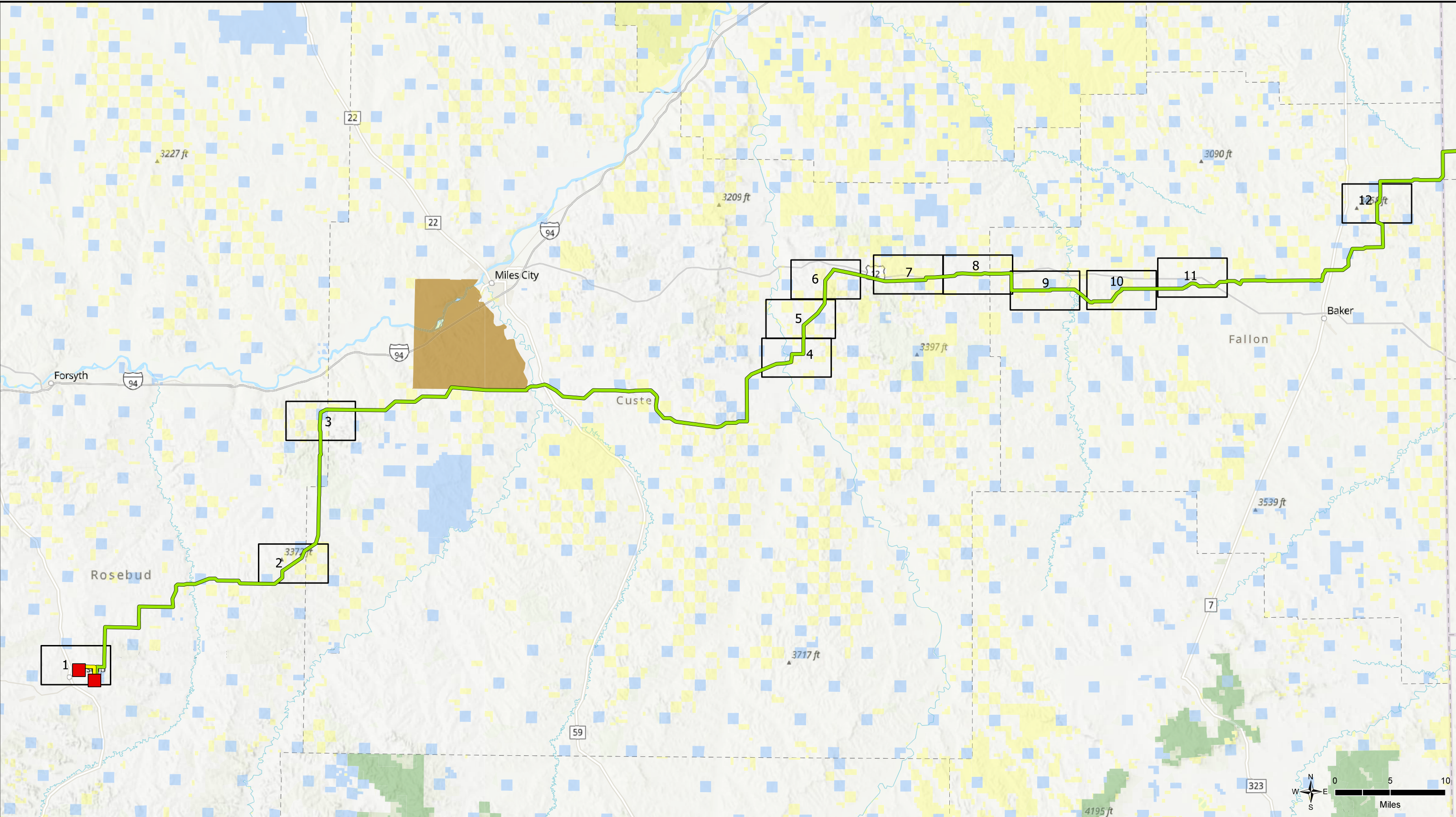


North Dakota
Department of
Environmental Quality

MPLS M:\US\Projects\G-L\Grid United\Montana 3rd Party Supt\ArcGIS\20250806_Aggregate_Limitations\NPC_Aggregate_Limitations\NPC_Aggregate_Limitations.aprx\NPC_Aggregate_Limitation | REVISED: 08/13/2025 | SCALE: 1:500,000 when printed at 11x17

DRAWN BY: EMH

Page Intentionally Left Blank



Project Facility
Proposed Alternative
HVDC Transmission Line (525-kV)

Rosebud Transmission Line (500-kV)
Page Index

Land Ownership
Montana State Trust Lands
US Bureau of Land Management

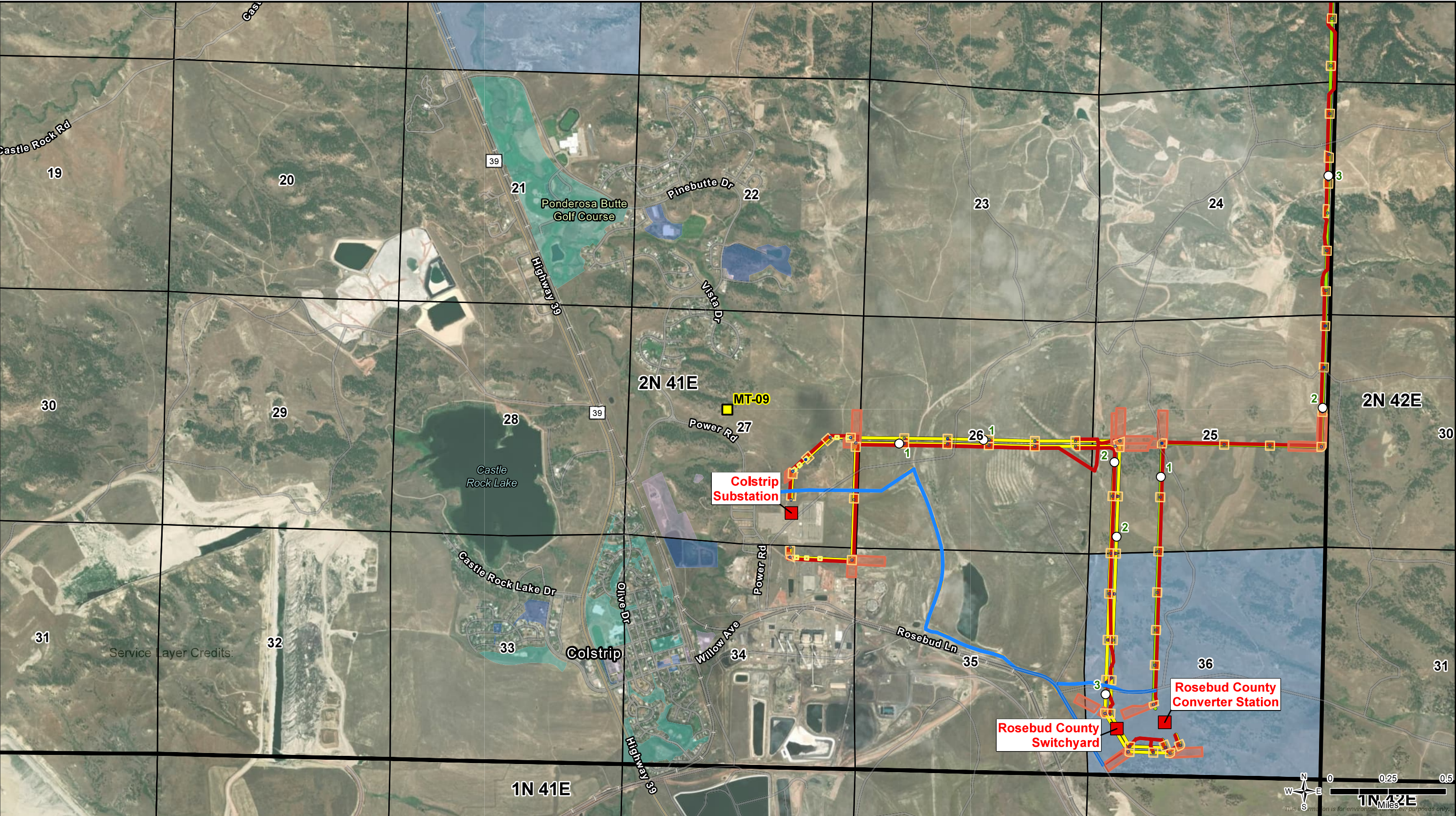
US Forest Service
USDA Agriculture Research Service

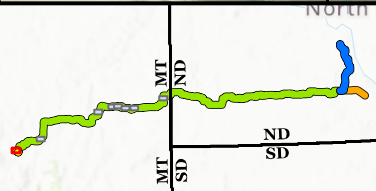


Figure 3.9-1
BLM Visual Resource Management Crossings
North Plains Connector
Montana
Page Index



Page Intentionally Left Blank





 Project Facility	 Proposed Alternative HVDC Transmission Line (525-kV)	 County Government	 Permanent Access Road	 Temporary Access Road
 Key Observation Point (KOP)	 Rosebud Transmission Line (500-kV)	 Local Government	 Guard Structure Pad	 PLSS
 Milepost	Land Ownership	 Montana State Trust Lands	 Structure Pad	 Township
	 City Government	Permanent Impact	 Access Turnaround	 Section
		 Structure Footprint	 Pulling Site	

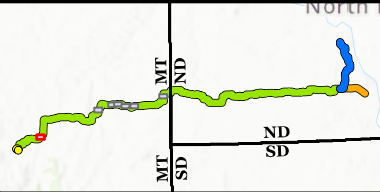
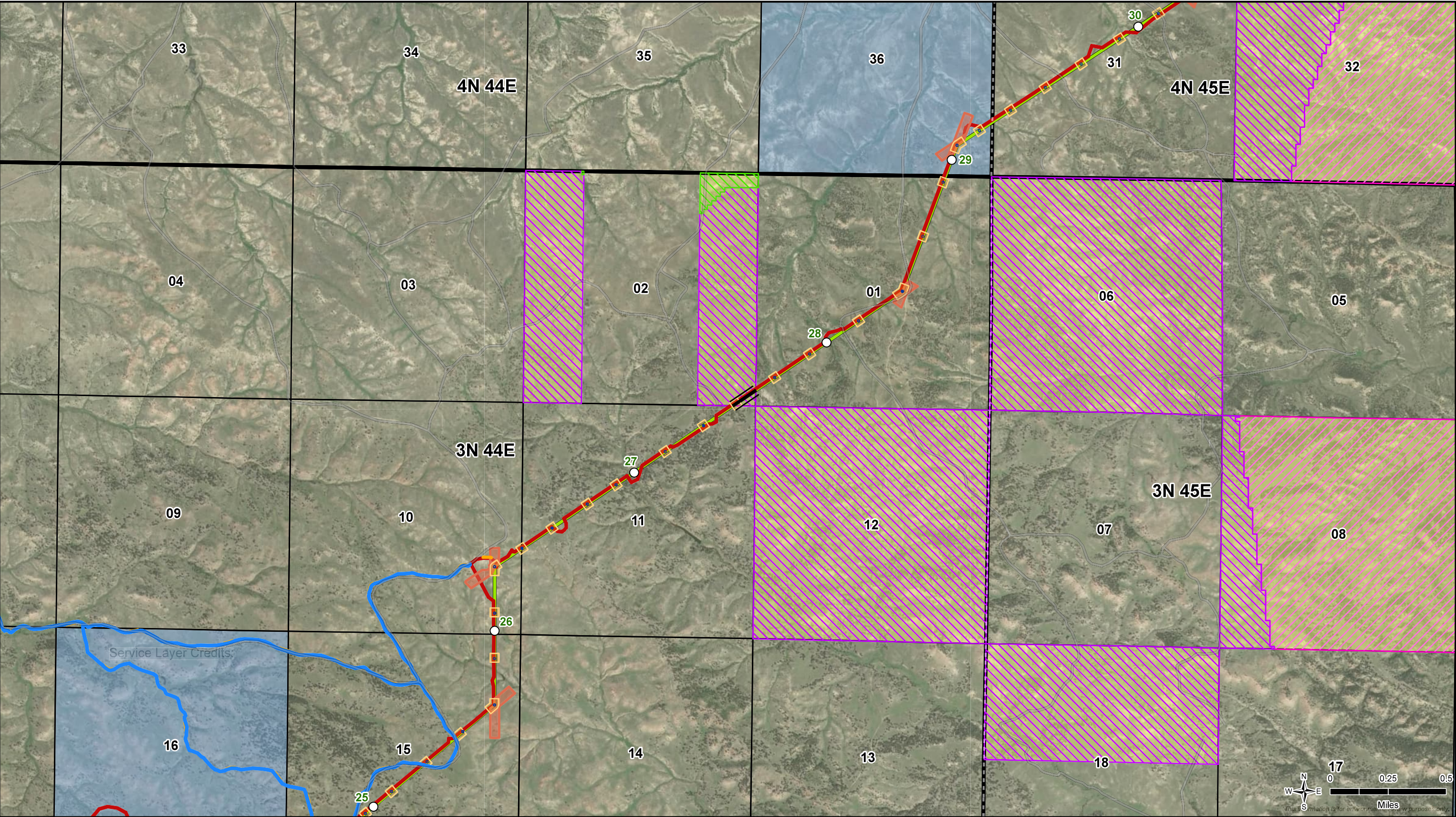


Figure 3.9-1
BLM Visual Resource Management Crossings
North Plains Connector
Montana
Page 1 of 12



DRAWN BY: EMH

Page Intentionally Left Blank



○ Milepost Proposed Alternative - HVDC Transmission Line (525-kV) - Route Segment Crossing - BLM Land	Land Ownership - Montana State Trust Lands - US Bureau of Land Management	Permanent Impact - Structure Footprint - Permanent Access Road Temporary Impact - Structure Pad	- Access Turnaround - Pulling Site - Temporary Access Road BLM VRM Class - Class II - Class III	- Class IV PLSS - Township - Section
--	--	---	--	---



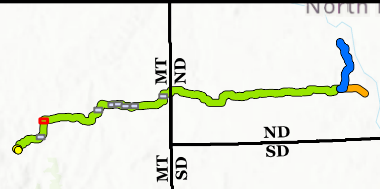
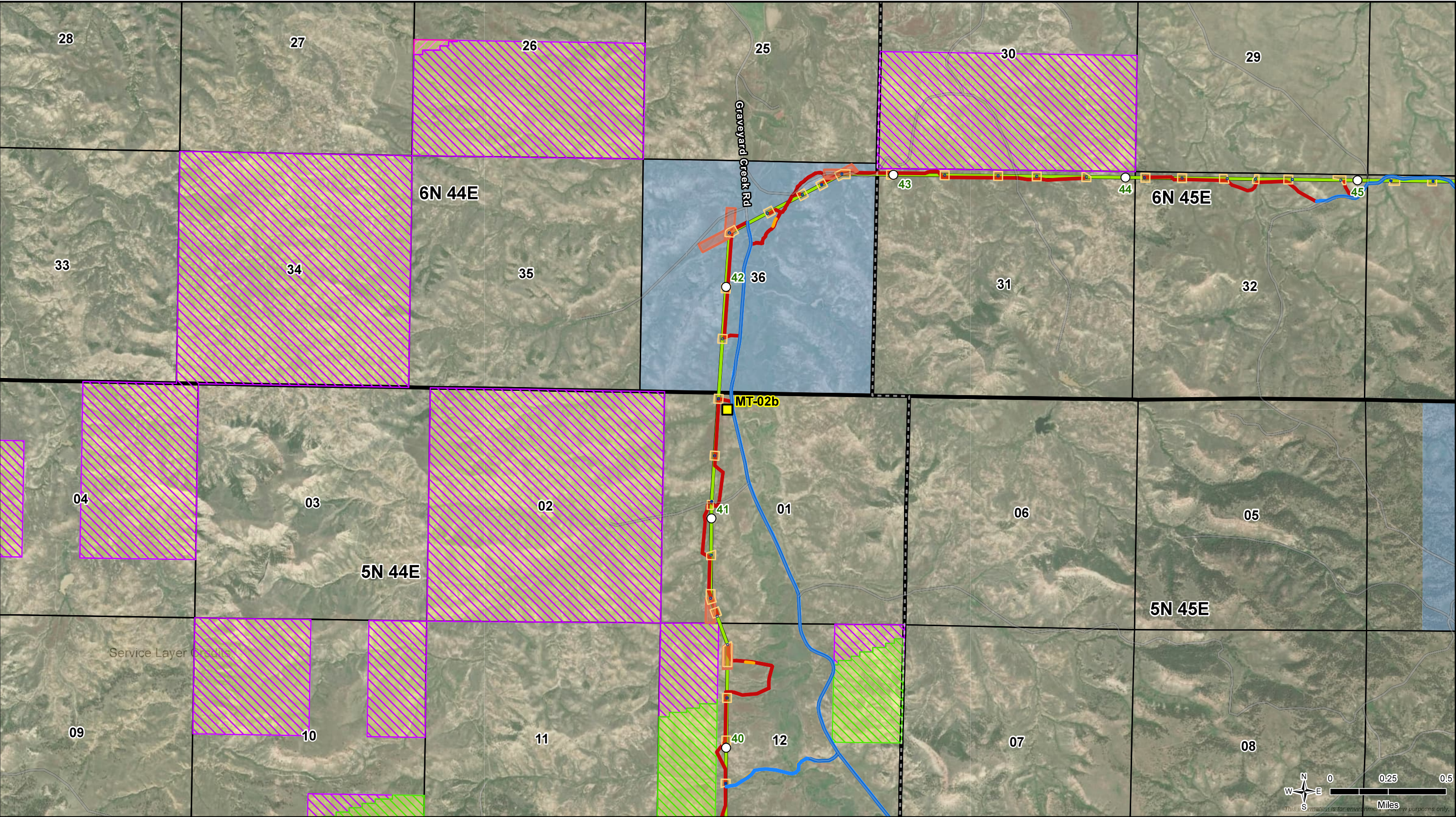
Figure 3.9-1
BLM Visual Resource Management Crossings
North Plains Connector
Montana
Page 2 of 12



REVISOR: 09/24/2025 | SCALE: 1:25,000 when printed at 11x17

DRAWN BY: EMH

Page Intentionally Left Blank



- Key Observation Point (KOP)
- Milepost
- Proposed Alternative
- HVDC Transmission Line (525-kV)

- Land Ownership
- Montana State Trust Lands
- US Bureau of Land Management

- Permanent Impact
- Structure Footprint
- Permanent Access Road
- Temporary Impact
- Structure Pad

- Access Turnaround
- Pulling Site
- Temporary Access Road
- BLM VRM Class
- Class II
- Class III

- Class IV
- PLSS
- Township
- Section



Figure 3.9-1
BLM Visual Resource Management Crossings
North Plains Connector
Montana
Page 3 of 12



Page Intentionally Left Blank