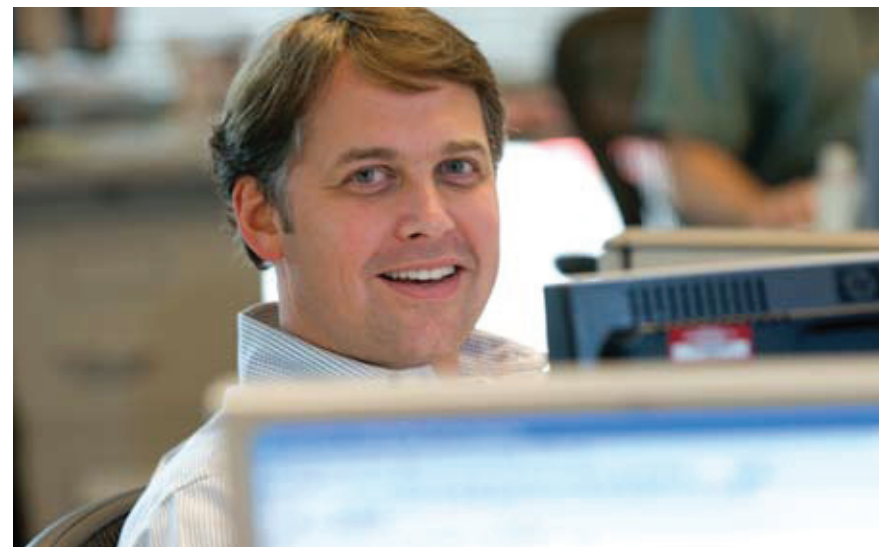




**Enbridge Energy, Limited Partnership**

Before the North Dakota Public Service Commission  
Case No. PU-07-108

# Application for a Corridor Certificate and Route Permit for a Crude Oil Pipeline

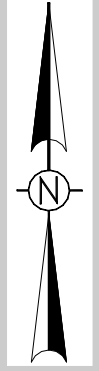
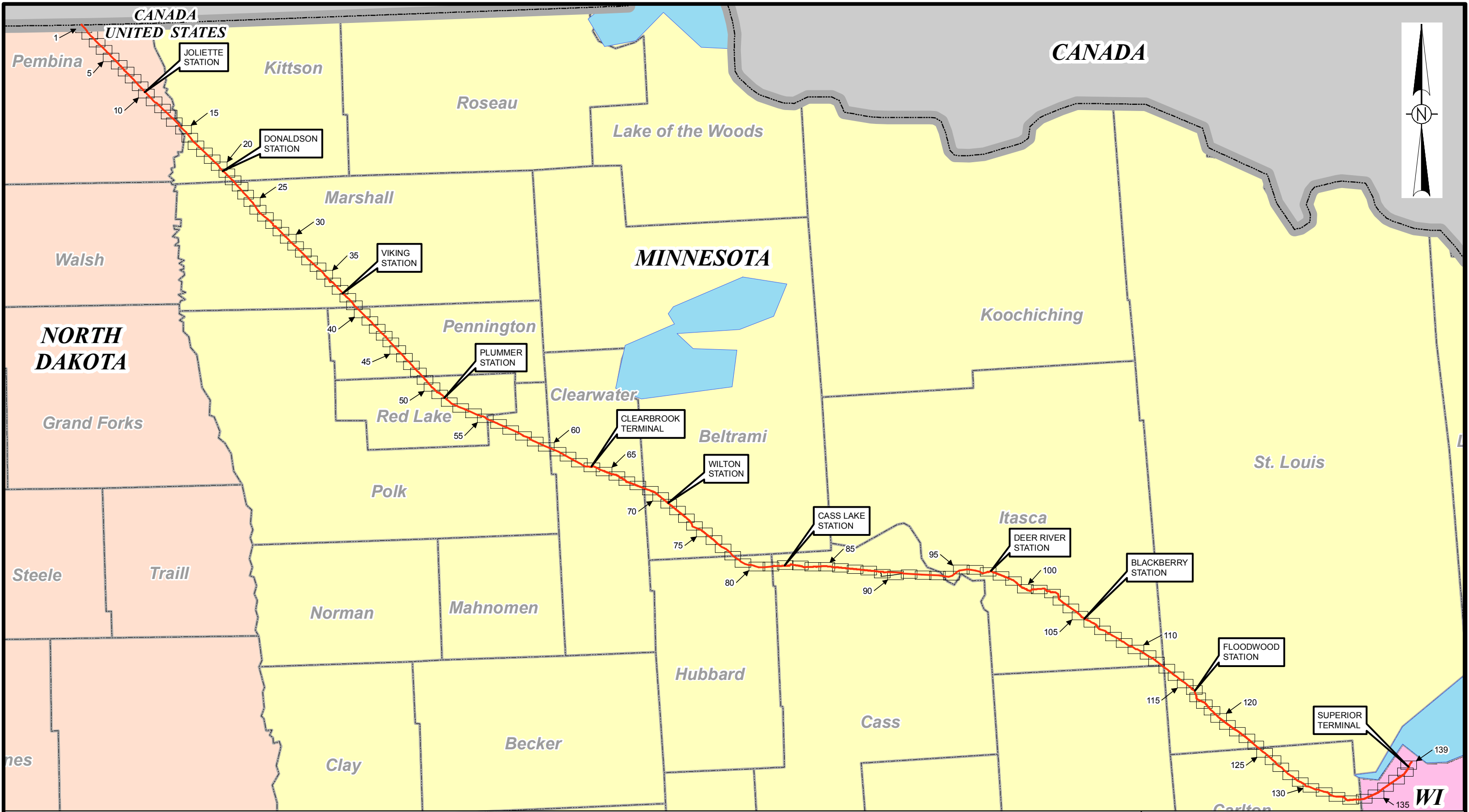


Prepared for:

**Enbridge Energy, Limited Partnership**  
1100 Louisiana, Suite 3300  
Houston, Texas 77002

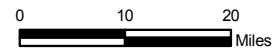
Prepared by:

**Gulf Interstate Engineering**  
16010 Barkers Point, Suite 600  
Houston, Texas 77079



**Legend**

- Proposed Alberta Clipper & Southern Lights Pipelines
- Sheet Windows



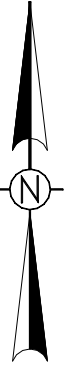
Map Prepared By:  
 GULF INTERSTATE ENGINEERING

March 15, 2007

<b>ENBRIDGE™</b>		
Alberta Clipper Project U.S./Canada Border to Superior, WI		
DRAWING	AC-000	REVISION
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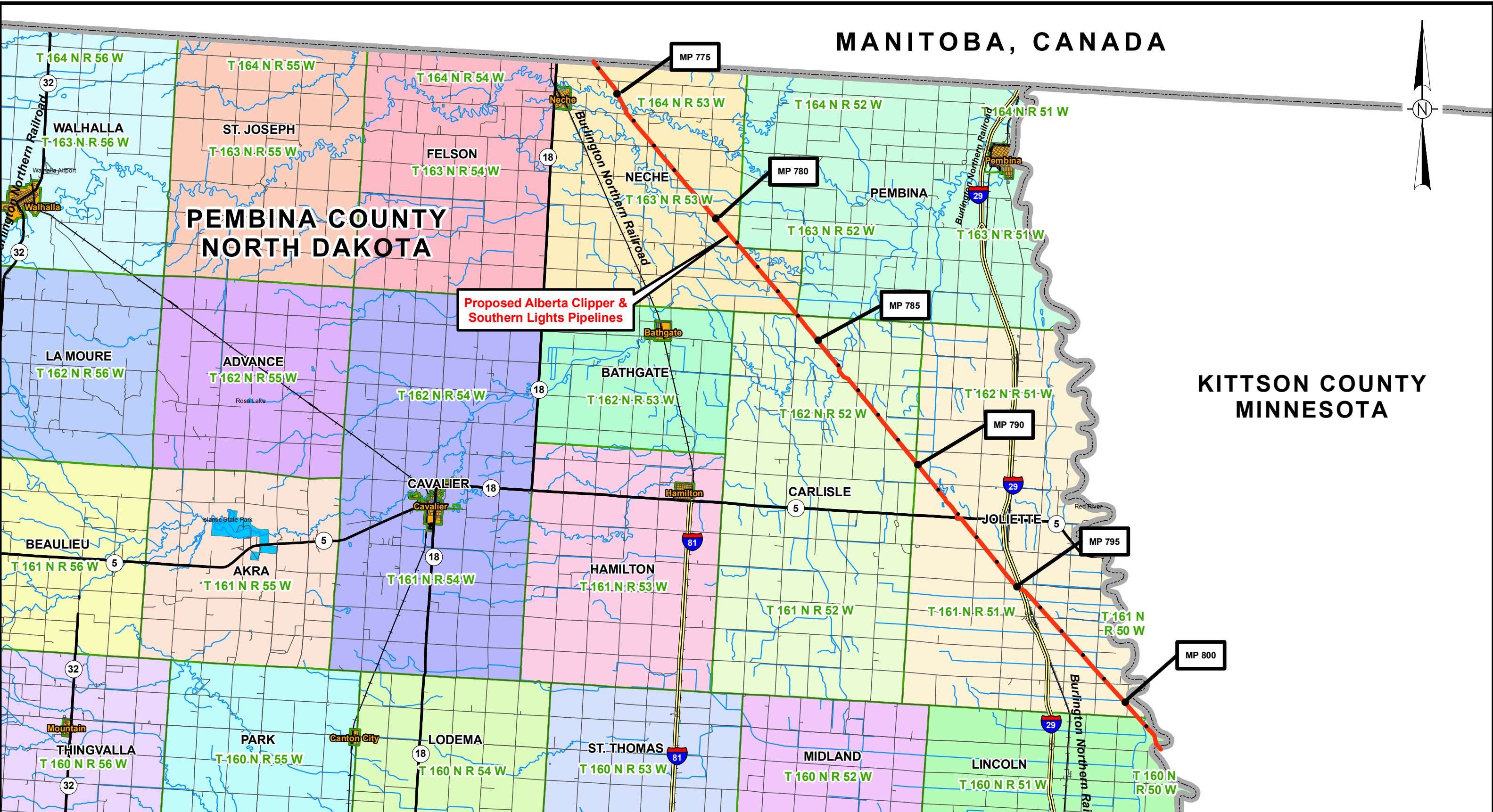
# MANITOBA, CANADA



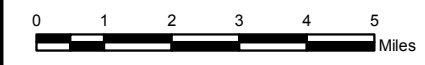
## PEMBINA COUNTY NORTH DAKOTA

## KITTSON COUNTY MINNESOTA

Proposed Alberta Clipper & Southern Lights Pipelines



- Legend**
- Proposed Alberta Clipper & Southern Lights Pipelines
  - Milepost



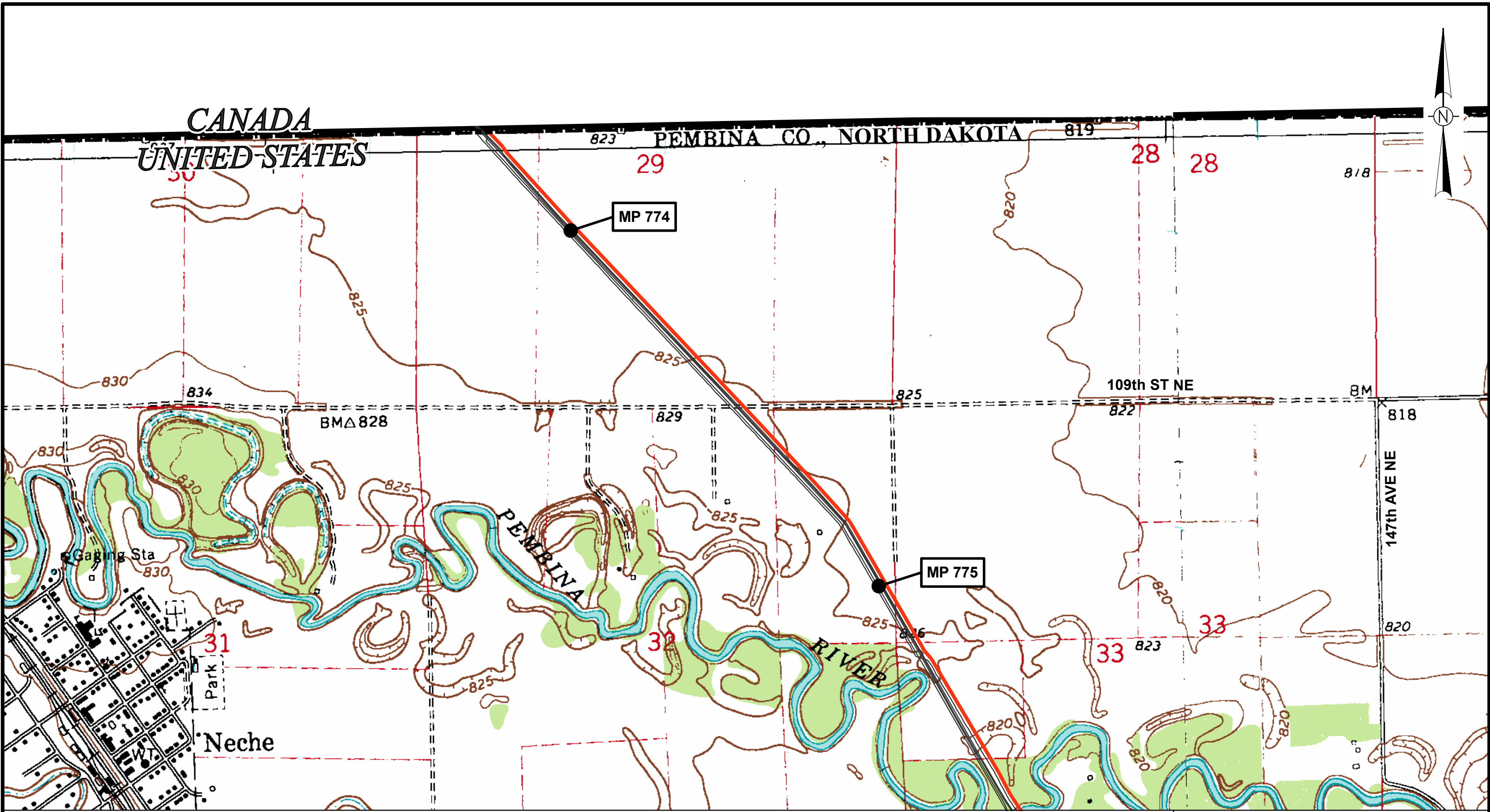
Map Prepared By:  
GULF INTERSTATE  
ENGINEERING

March 21, 2007



Alberta Clipper Project  
U.S./Canada Border to Superior, WI

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AC-000 PEMBINA	A



**Legend**

- Proposed Alberta Clipper Oil Pipeline
- Existing Enbridge Pipelines
- ⊗ Mainline Block Valve
- Milepost

0 500 1,000  
Feet

Map Prepared By:  
 GULF INTERSTATE  
 ENGINEERING



Alberta Clipper Project  
 U.S./Canada Border to Superior, WI

DRAWING

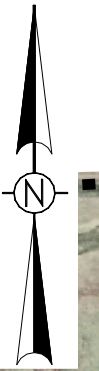
AC-001

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CANADA  
UNITED STATES

PEMBINA CO., NORTH DAKOTA

MP 774

109th ST NE

147th AVE NE

PEMBINA RIVER

MP 775

NECHE

Legend

— Proposed Alberta Clipper Oil Pipeline

— Existing Enbridge Pipelines

⊗ Mainline Block Valve

● Milepost

0 500 1,000  
Feet

Map Prepared By:  
GULF INTERSTATE  
ENGINEERING



Alberta Clipper Project  
U.S./Canada Border to Superior, WI

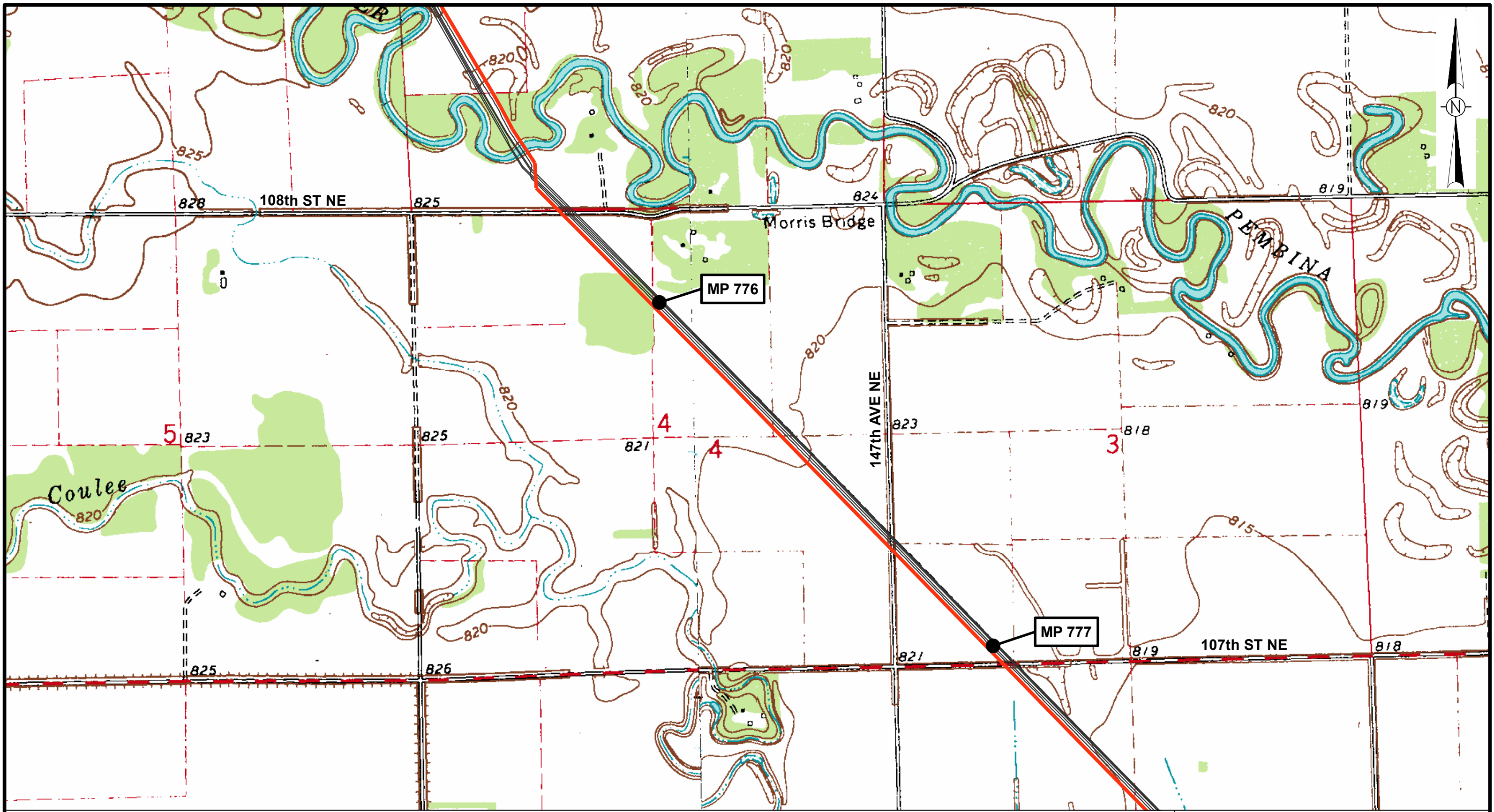
DRAWING

AC-001

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**Legend**

- Proposed Alberta Clipper Oil Pipeline
- Existing Enbridge Pipelines
- ⊗ Mainline Block Valve
- Milepost

0      500      1,000  
 Feet

Map Prepared By:  
**GULF INTERSTATE  
 ENGINEERING**



Alberta Clipper Project  
 U.S./Canada Border to Superior, WI

March 15, 2007

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AC-002

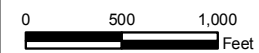
REVISION

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- Legend**
- Proposed Alberta Clipper Oil Pipeline
  - Existing Enbridge Pipelines
  - ⊗ Mainline Block Valve
  - Milepost



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 ENGINEERING

March 15, 2007



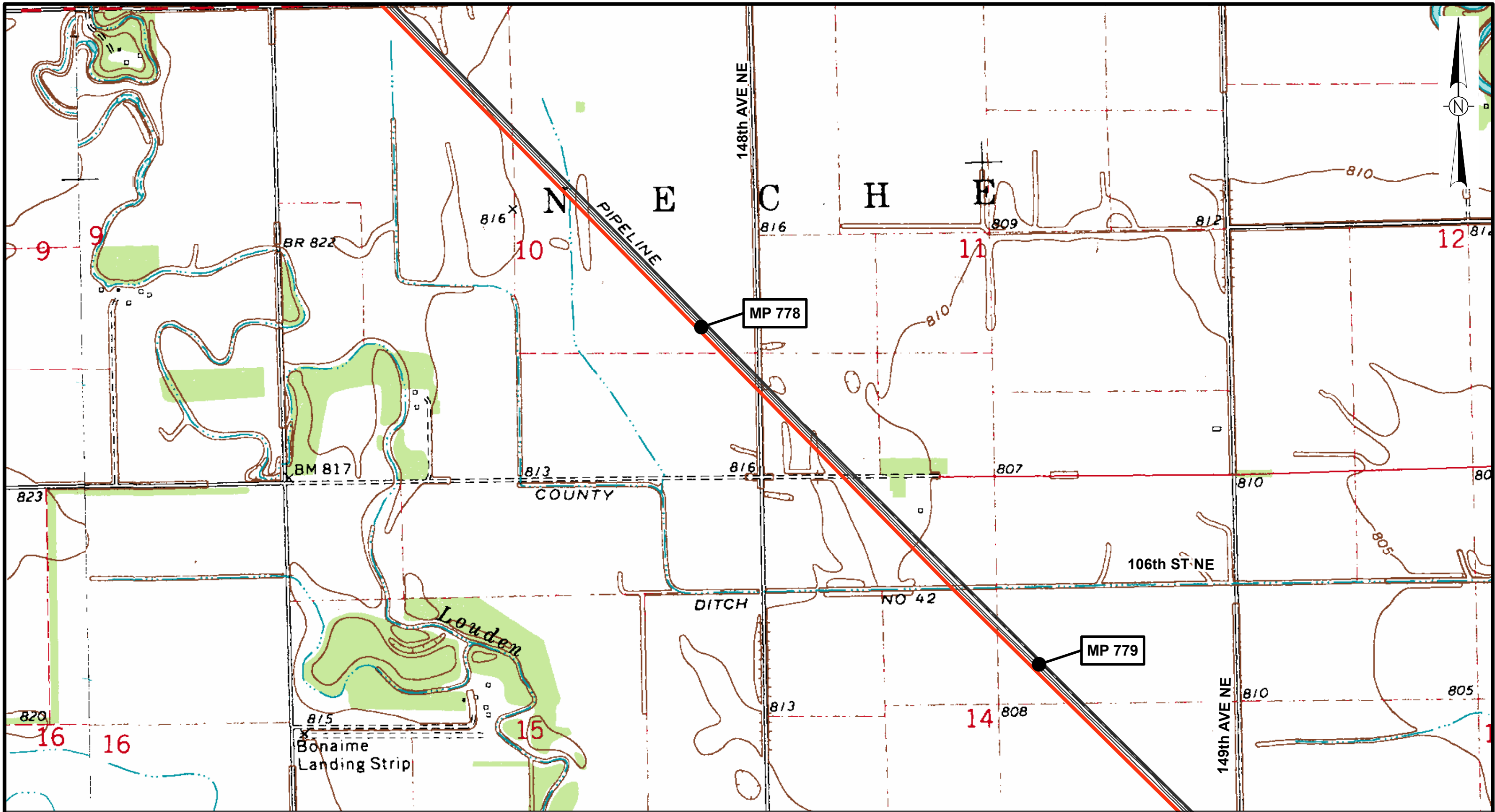
Alberta Clipper Project  
 U.S./Canada Border to Superior, WI

DRAWING

AC-002

REVISION

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**Legend**

- Proposed Alberta Clipper Oil Pipeline
- Existing Enbridge Pipelines
- X Mainline Block Valve
- Milepost

0 500 1,000  
Feet

Map Prepared By:  
**GULF INTERSTATE  
 ENGINEERING**

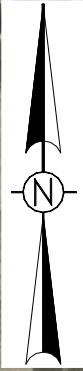
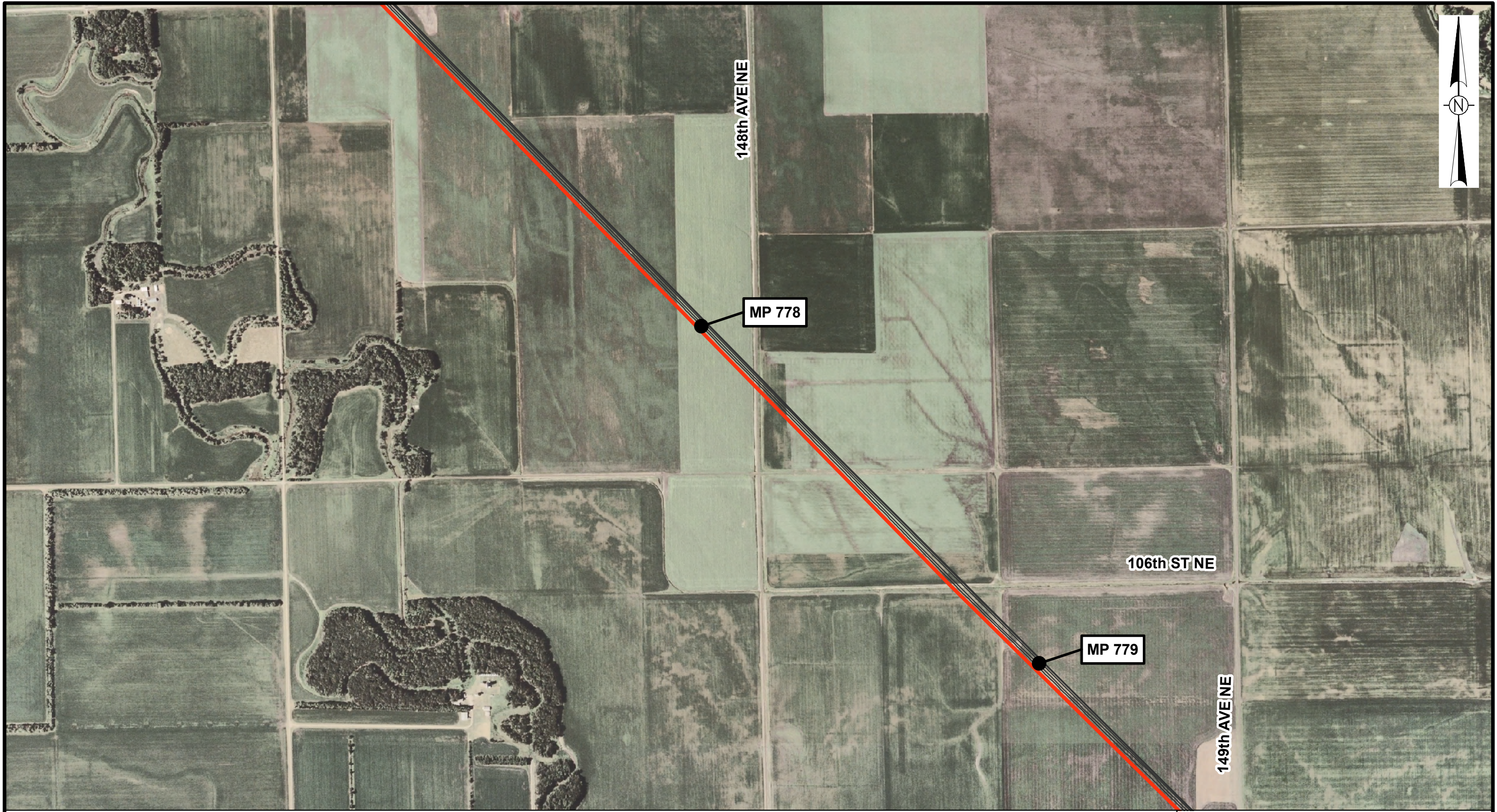
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 U.S./Canada Border to Superior, WI

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**Legend**

- Proposed Alberta Clipper Oil Pipeline
- Existing Enbridge Pipelines
- ⊗ Mainline Block Valve
- Milepost

0      500      1,000  
 Feet

Map Prepared By:  
**GULF INTERSTATE  
 ENGINEERING**

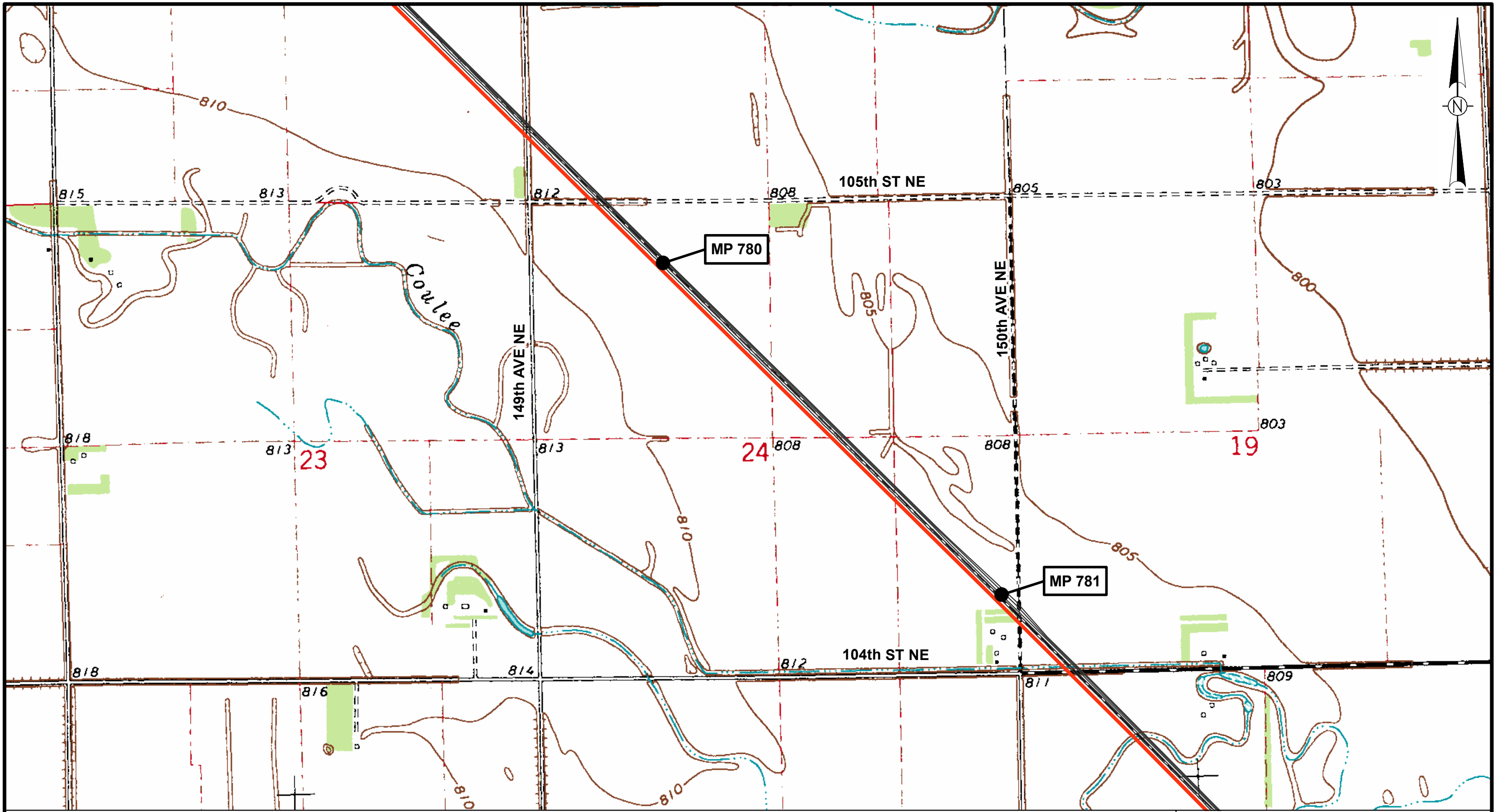


Alberta Clipper Project  
 U.S./Canada Border to Superior, WI

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**Legend**

- Proposed Alberta Clipper Oil Pipeline
- Existing Enbridge Pipelines
- ⊗ Mainline Block Valve
- Milepost

0 500 1,000  
Feet

Map Prepared By:  
 GULF INTERSTATE  
 ENGINEERING

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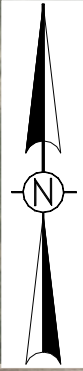
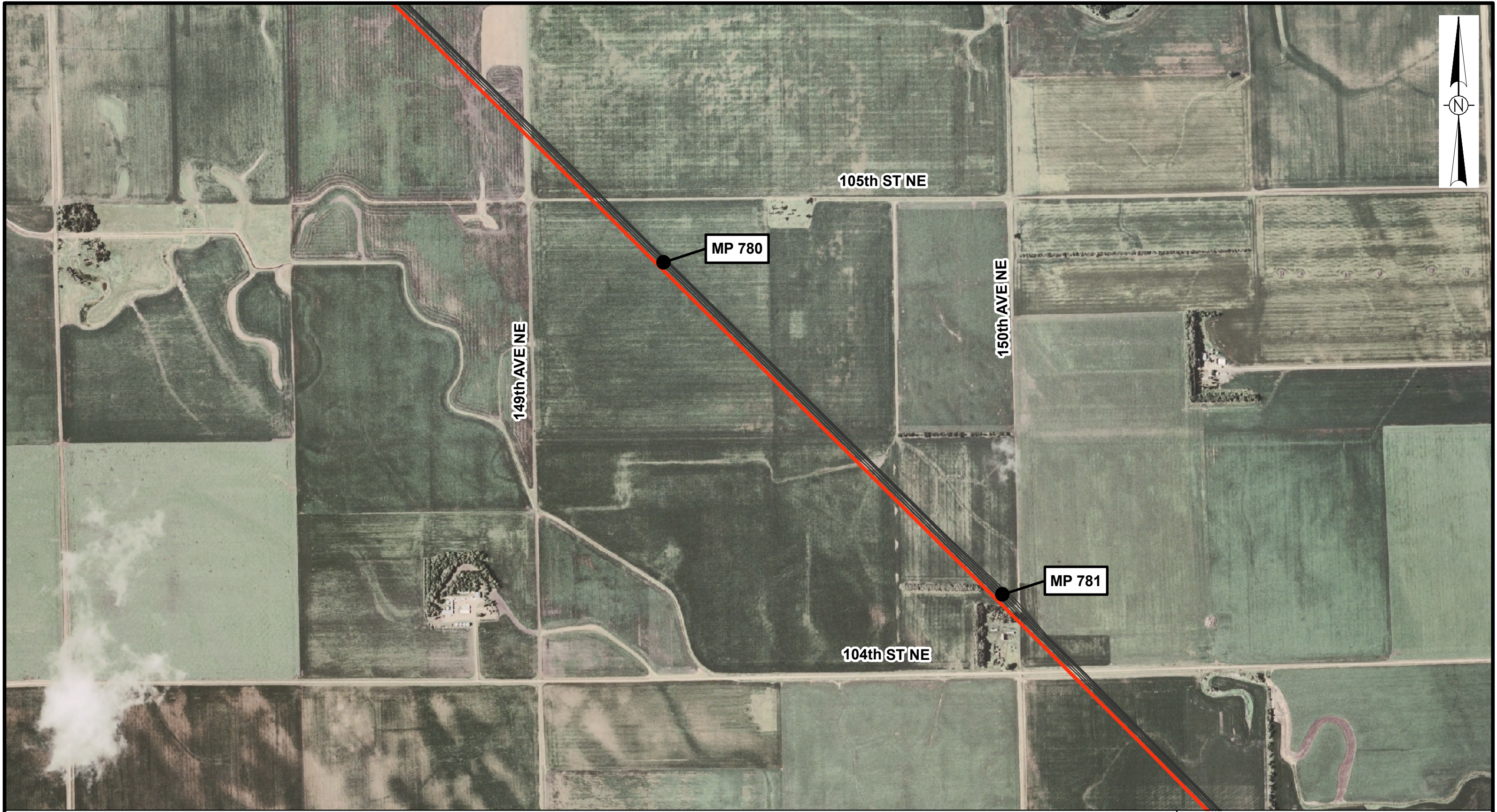


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**Legend**

- Proposed Alberta Clipper Oil Pipeline
- Existing Enbridge Pipelines
- ⊗ Mainline Block Valve
- Milepost

0 500 1,000  
Feet

Map Prepared By:  

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Alberta Clipper Project  
 U.S./Canada Border to Superior, WI

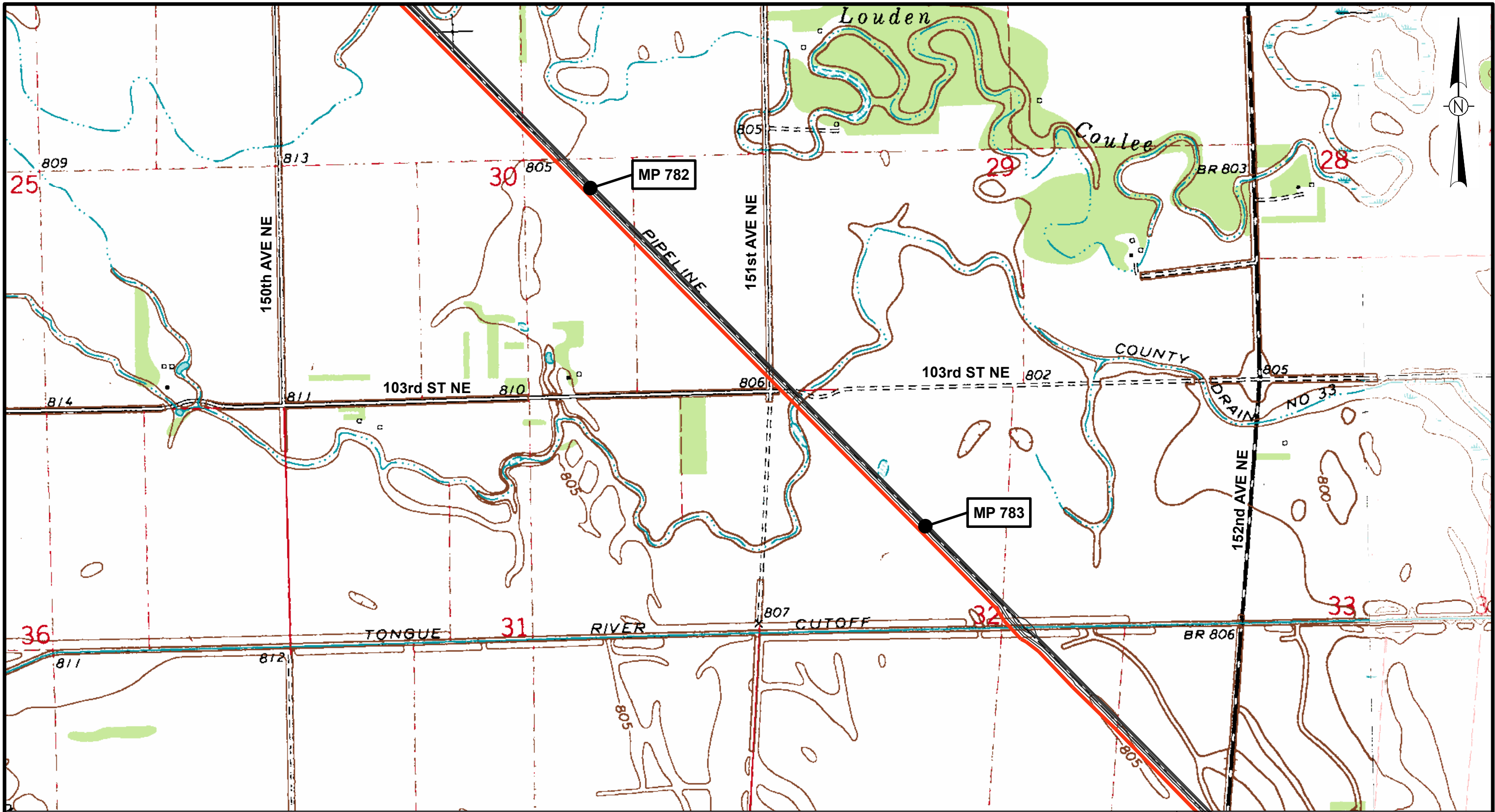
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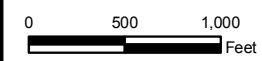
REVISION

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- Legend**
- Proposed Alberta Clipper Oil Pipeline
  - Existing Enbridge Pipelines
  - ⊗ Mainline Block Valve
  - Milepost



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Alberta Clipper Project  
 U.S./Canada Border to Superior, WI

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AC-005

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**Legend**

- Proposed Alberta Clipper Oil Pipeline
- Existing Enbridge Pipelines
- ⊠ Mainline Block Valve
- Milepost

0 500 1,000  
Feet

Map Prepared By:  

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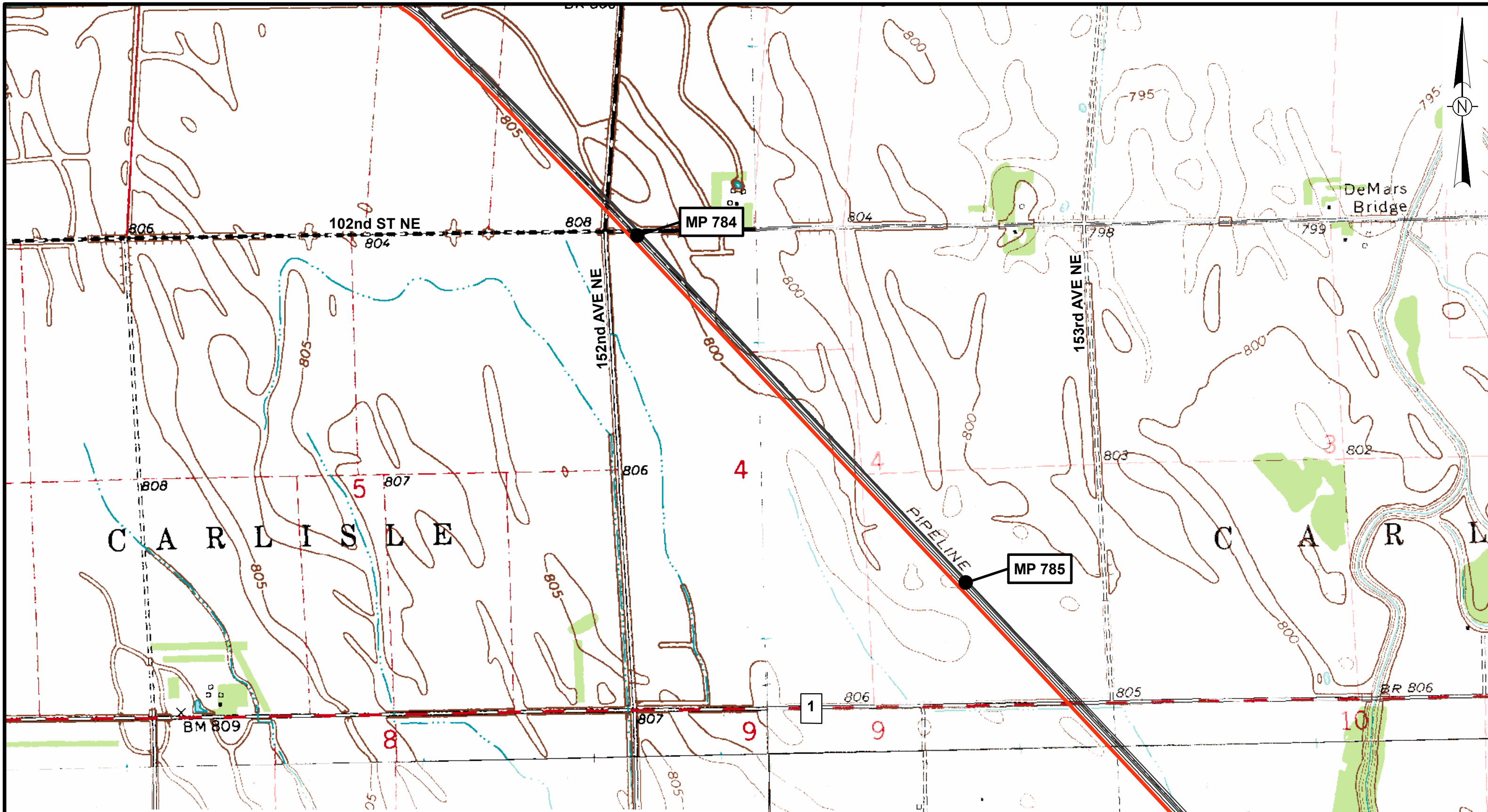
Alberta Clipper Project  
 U.S./Canada Border to Superior, WI

DRAWING

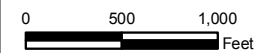
AC-005

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- Legend**
- Proposed Alberta Clipper Oil Pipeline
  - Existing Enbridge Pipelines
  - ⊗ Mainline Block Valve
  - Milepost



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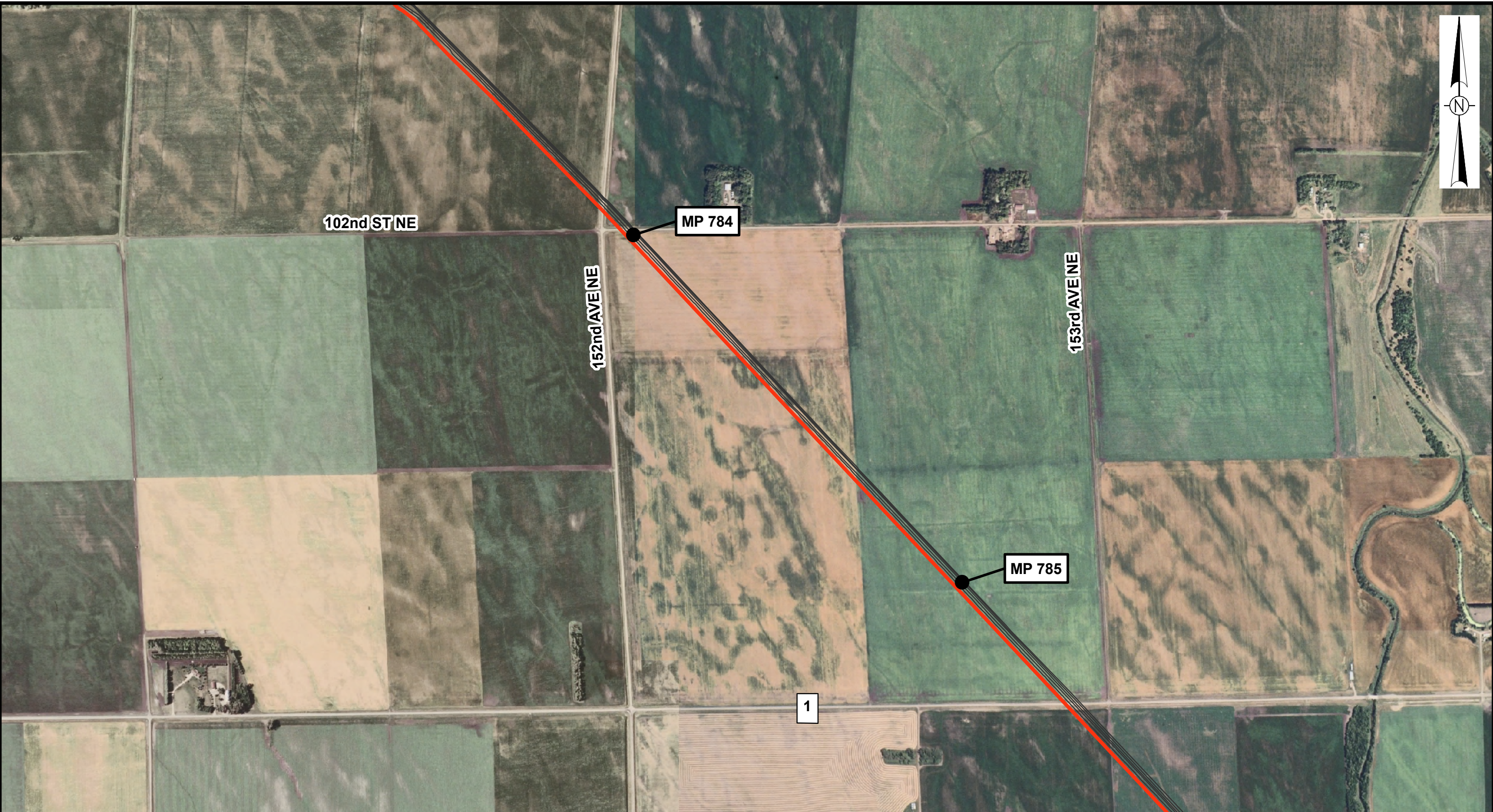
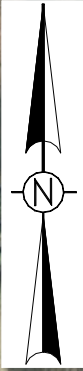
Alberta Clipper Project  
 U.S./Canada Border to Superior, WI

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**Legend**

- Proposed Alberta Clipper Oil Pipeline
- Existing Enbridge Pipelines
- ⊗ Mainline Block Valve
- Milepost

0 500 1,000  
Feet

Map Prepared By:  
**GULF INTERSTATE  
ENGINEERING**

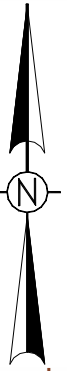
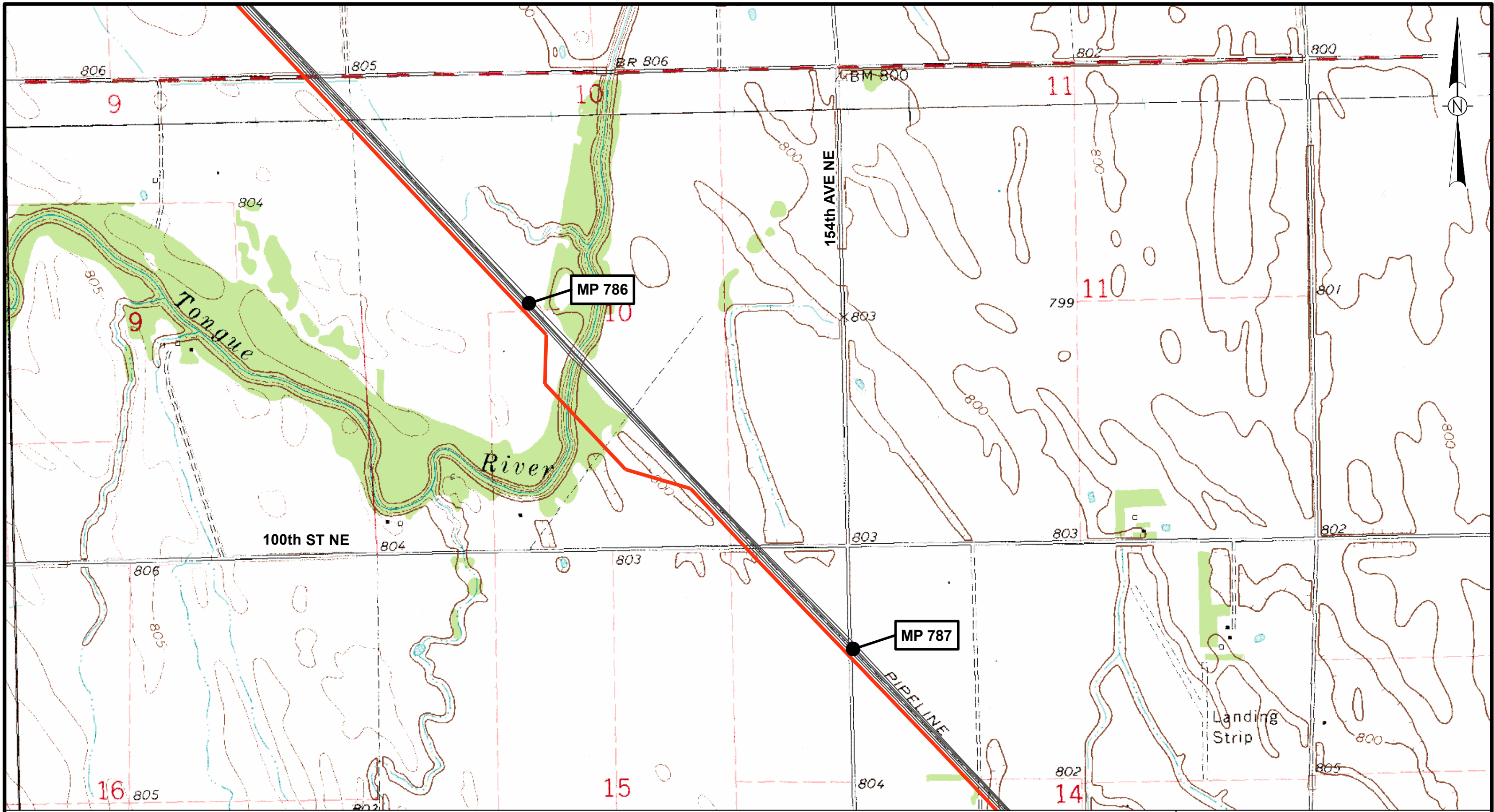
March 15, 2007



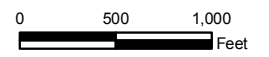
Alberta Clipper Project  
U.S./Canada Border to Superior, WI

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- Legend**
- Proposed Alberta Clipper Oil Pipeline
  - Existing Enbridge Pipelines
  - ⊗ Mainline Block Valve
  - Milepost



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Alberta Clipper Project  
 U.S./Canada Border to Superior, WI

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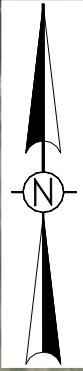
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**Legend**

- Proposed Alberta Clipper Oil Pipeline
- Existing Enbridge Pipelines
- ⊗ Mainline Block Valve
- Milepost

0 500 1,000  
Feet

Map Prepared By:  
**GULF INTERSTATE  
ENGINEERING**



Alberta Clipper Project  
U.S./Canada Border to Superior, WI

DRAWING

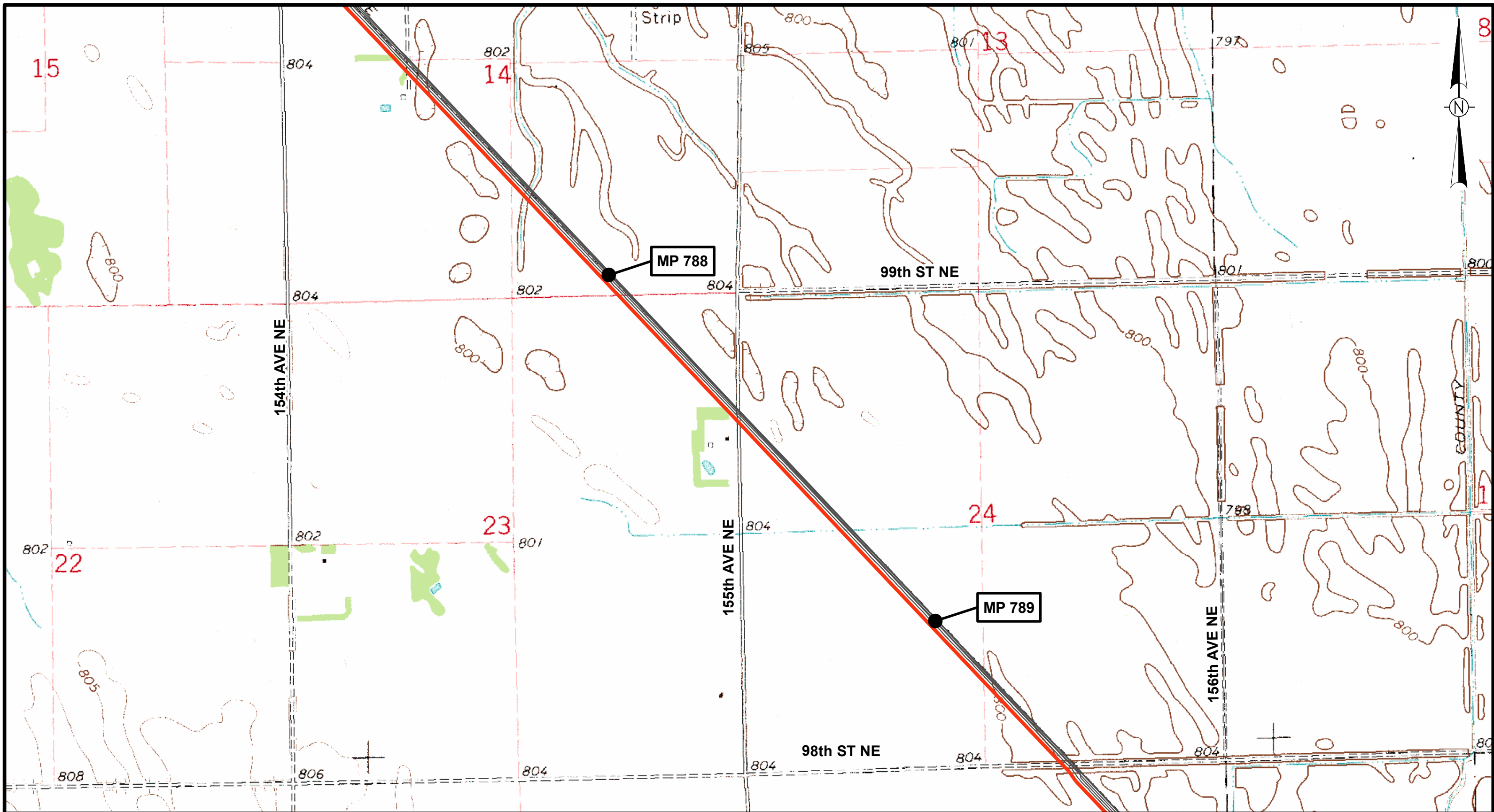
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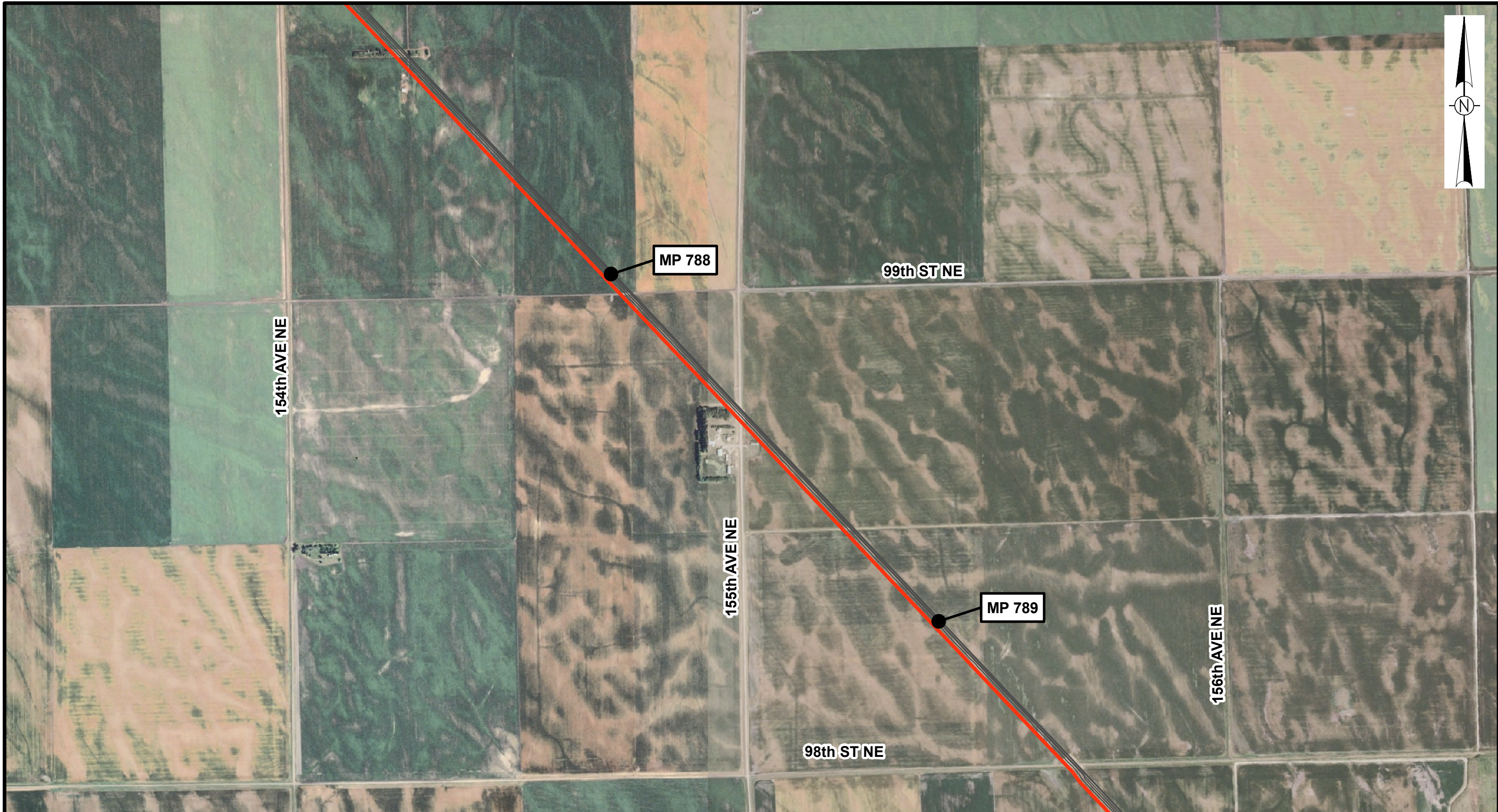
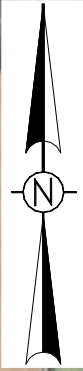
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Alberta Clipper Project  
 U.S./Canada Border to Superior, WI

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**Legend**

- Proposed Alberta Clipper Oil Pipeline
- Existing Enbridge Pipelines
- ⊗ Mainline Block Valve
- Milepost

0 500 1,000  
Feet

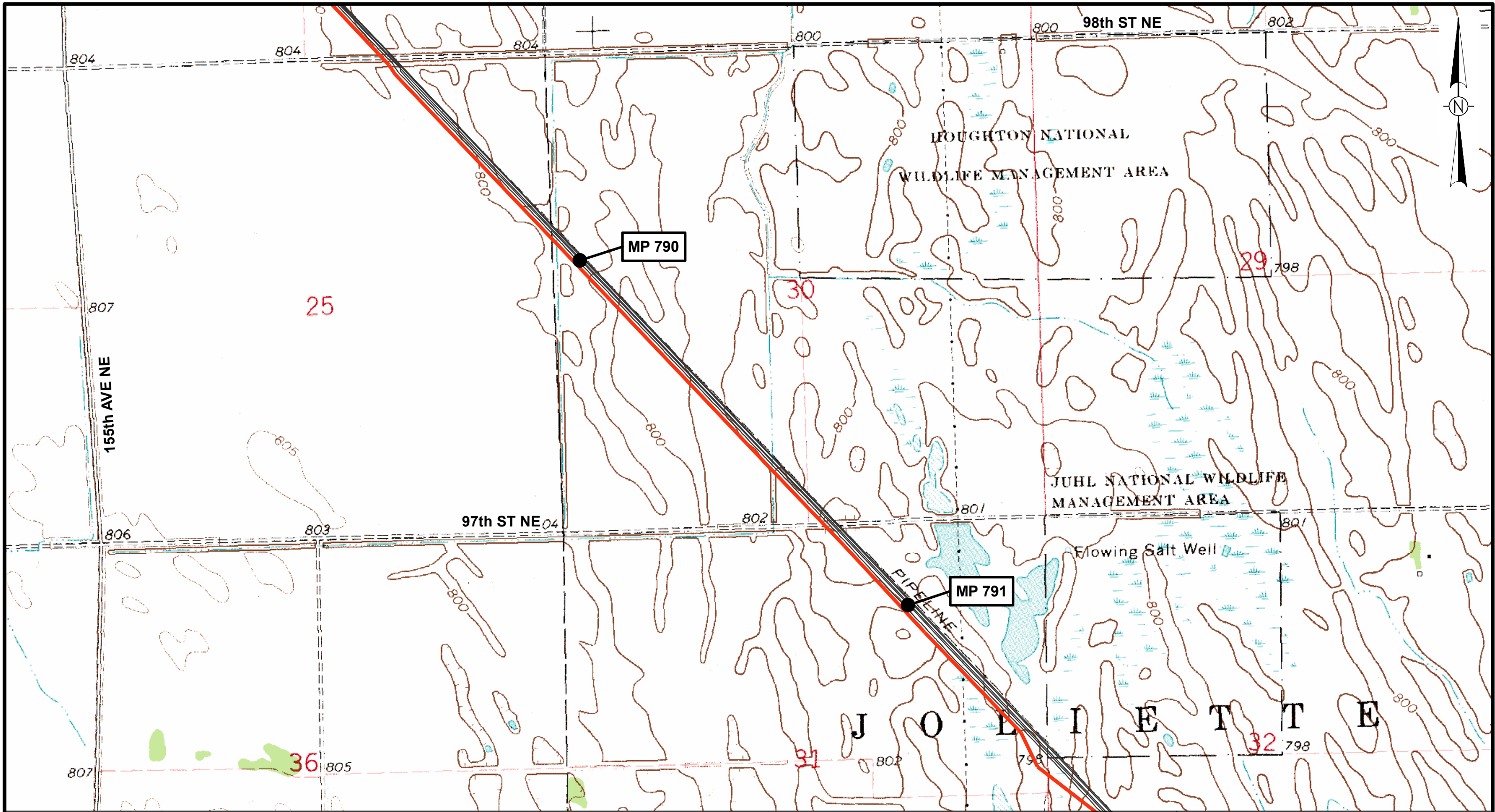
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**GULF INTERSTATE  
ENGINEERING**

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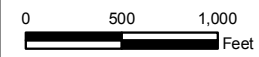


Alberta Clipper Project  
U.S./Canada Border to Superior, WI

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- Legend**
- Proposed Alberta Clipper Oil Pipeline
  - Existing Enbridge Pipelines
  - ⊗ Mainline Block Valve
  - Milepost



Map Prepared By:  
**GULF INTERSTATE ENGINEERING**



Alberta Clipper Project  
 U.S./Canada Border to Superior, WI

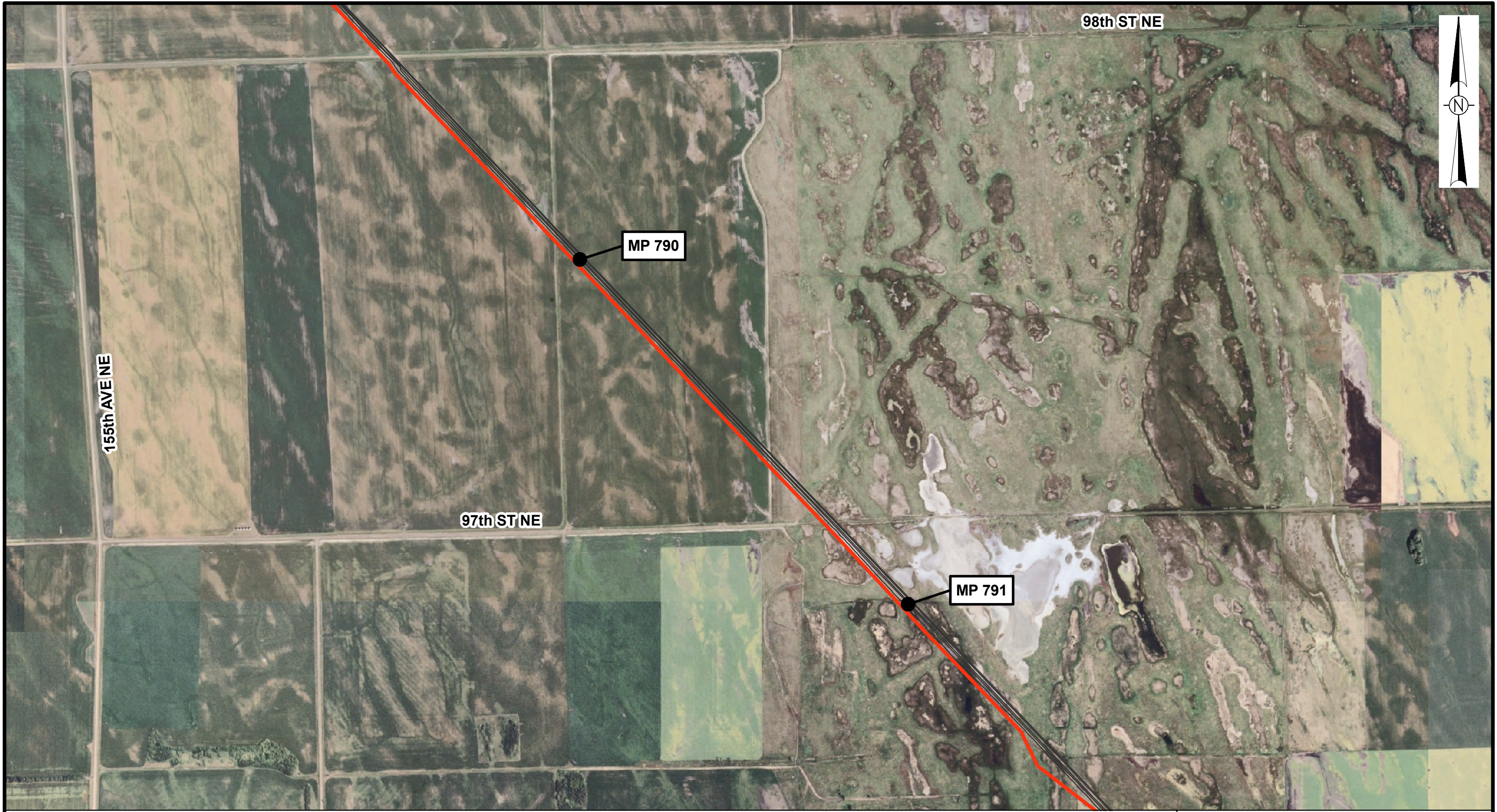
DRAWING

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**Legend**

- Proposed Alberta Clipper Oil Pipeline
- Existing Enbridge Pipelines
- ⊗ Mainline Block Valve
- Milepost

0 500 1,000  
Feet

Map Prepared By:  

**GULF INTERSTATE  
 ENGINEERING**



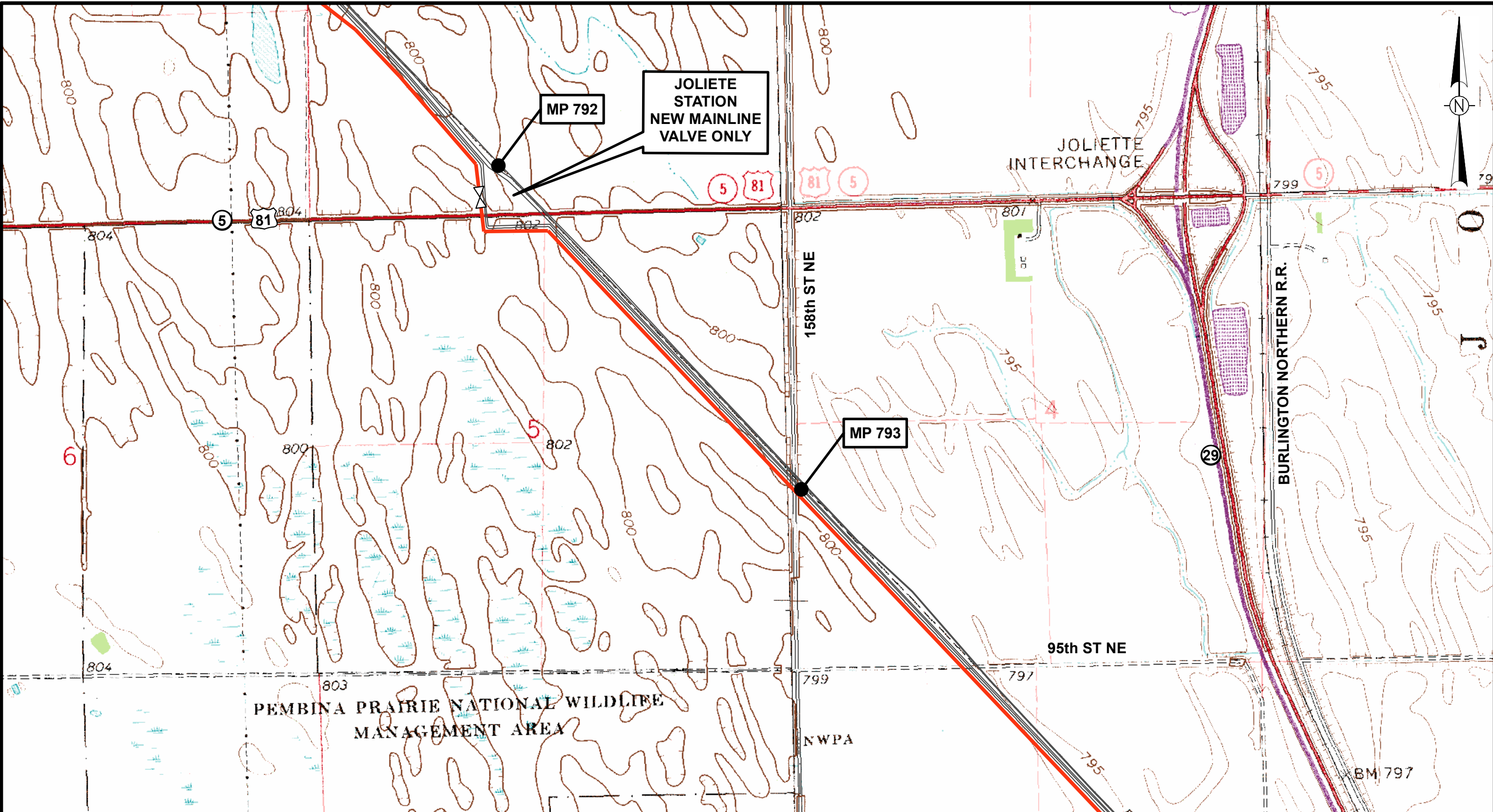
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 U.S./Canada Border to Superior, WI

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**Legend**

- Proposed Alberta Clipper Oil Pipeline
- Existing Enbridge Pipelines
- ⊗ Mainline Block Valve
- Milepost

0 500 1,000  
Feet

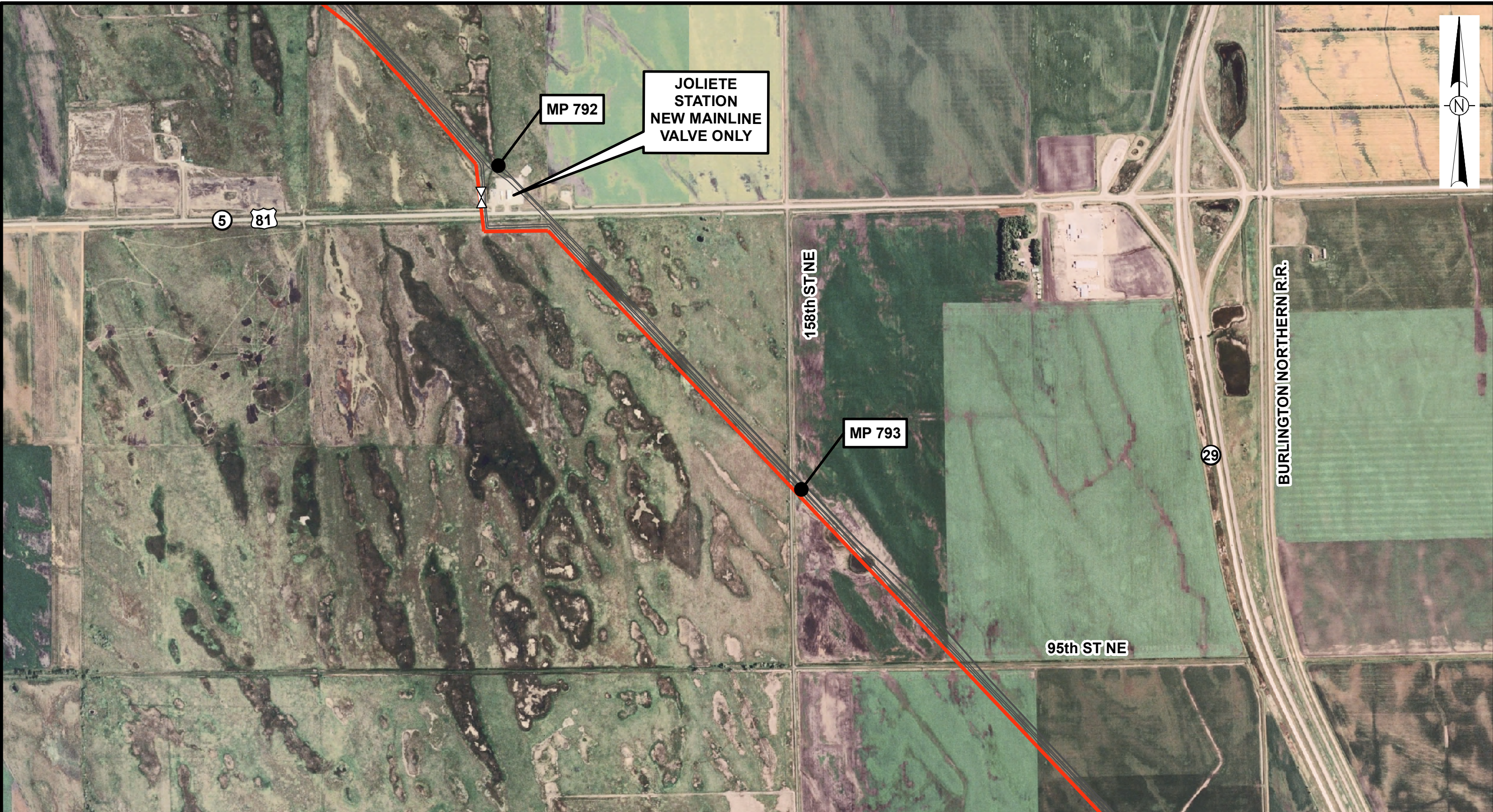
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Alberta Clipper Project  
 U.S./Canada Border to Superior, WI

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**Legend**

- Proposed Alberta Clipper Oil Pipeline
- Existing Enbridge Pipelines
- ⊗ Mainline Block Valve
- Milepost

0 500 1,000  
Feet

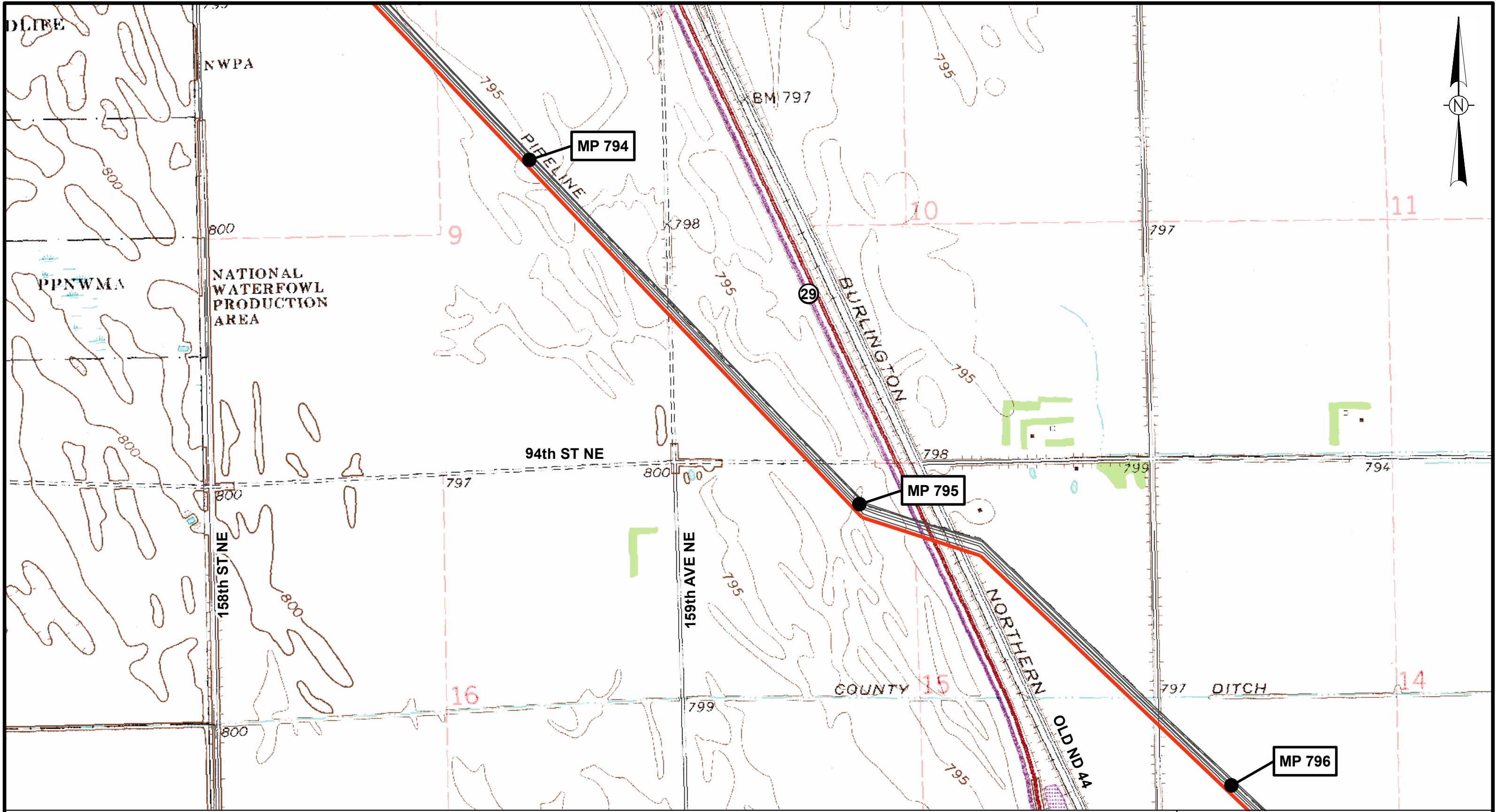
Map Prepared By:  
**GULF INTERSTATE ENGINEERING**



Alberta Clipper Project  
U.S./Canada Border to Superior, WI

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**Legend**

- Proposed Alberta Clipper Oil Pipeline
- Existing Enbridge Pipelines
- ⊗ Mainline Block Valve
- Milepost

0 500 1,000  
Feet

Map Prepared By:  
 GULF INTERSTATE  
 ENGINEERING



Alberta Clipper project  
 U.S./Canada Border to Superior, WI

DRAWING

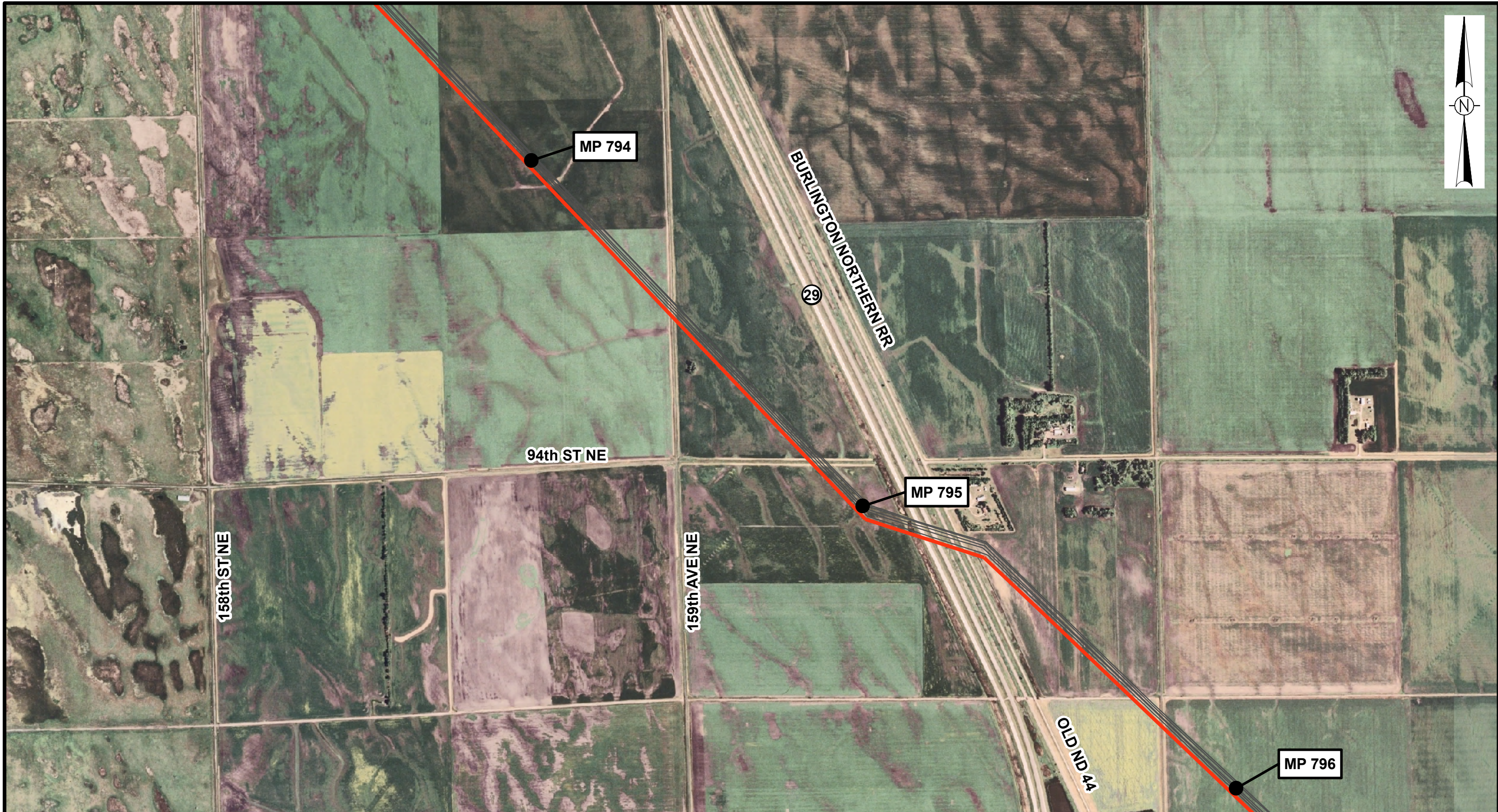
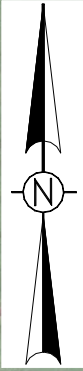
AC-011

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**Legend**

- Proposed Alberta Clipper Oil Pipeline
- Existing Enbridge Pipelines
- ⊗ Mainline Block Valve
- Milepost

0 500 1,000  
Feet

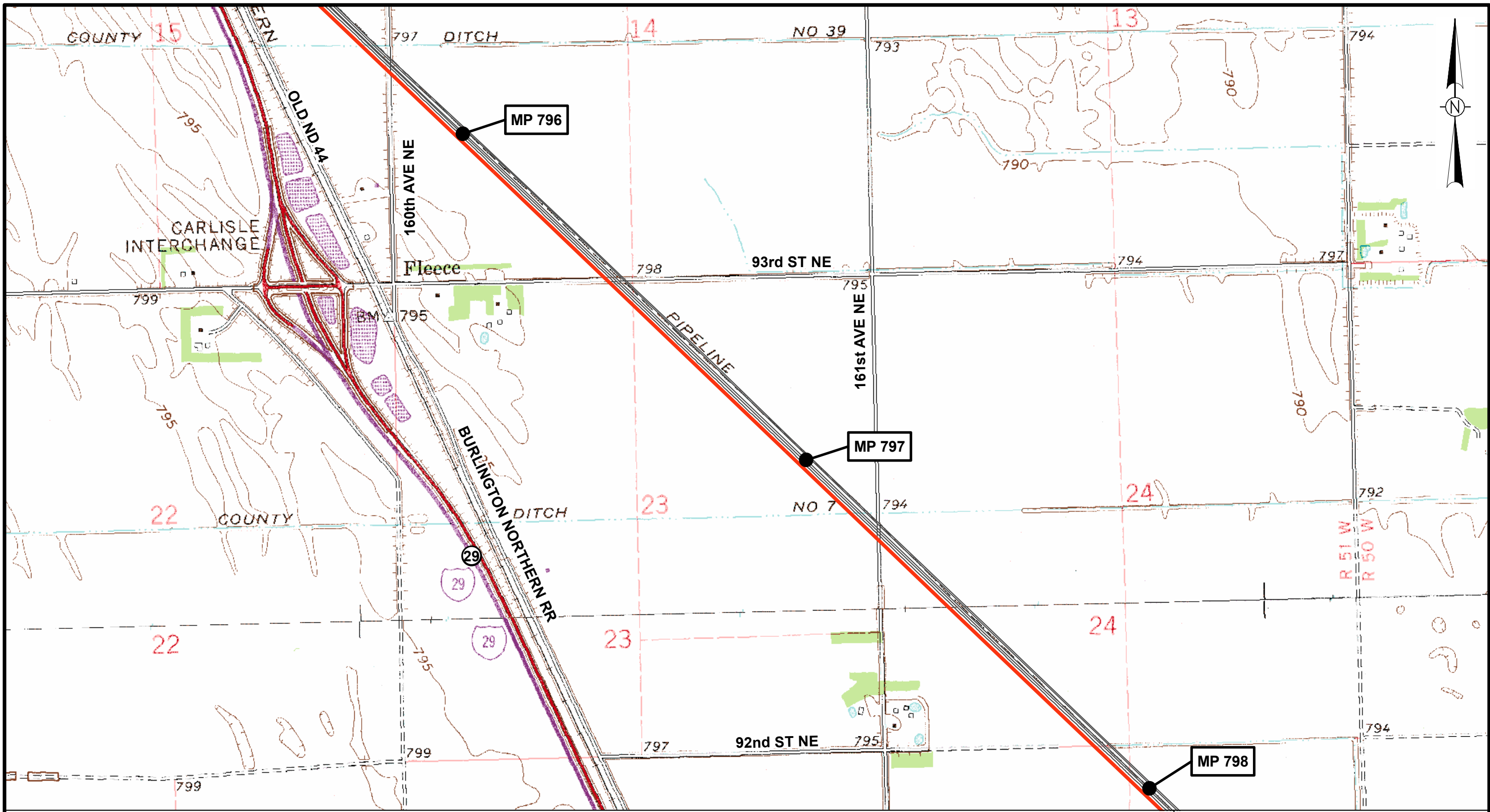
Map Prepared By:  
**GULF INTERSTATE  
ENGINEERING**



Alberta Clipper Project  
U.S./Canada Border to Superior, WI

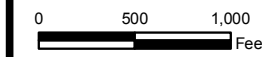
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March 15, 2007



Legend

- Proposed Alberta Clipper Oil Pipeline
- Existing Enbridge Pipelines
- ⊗ Mainline Block Valve
- Milepost

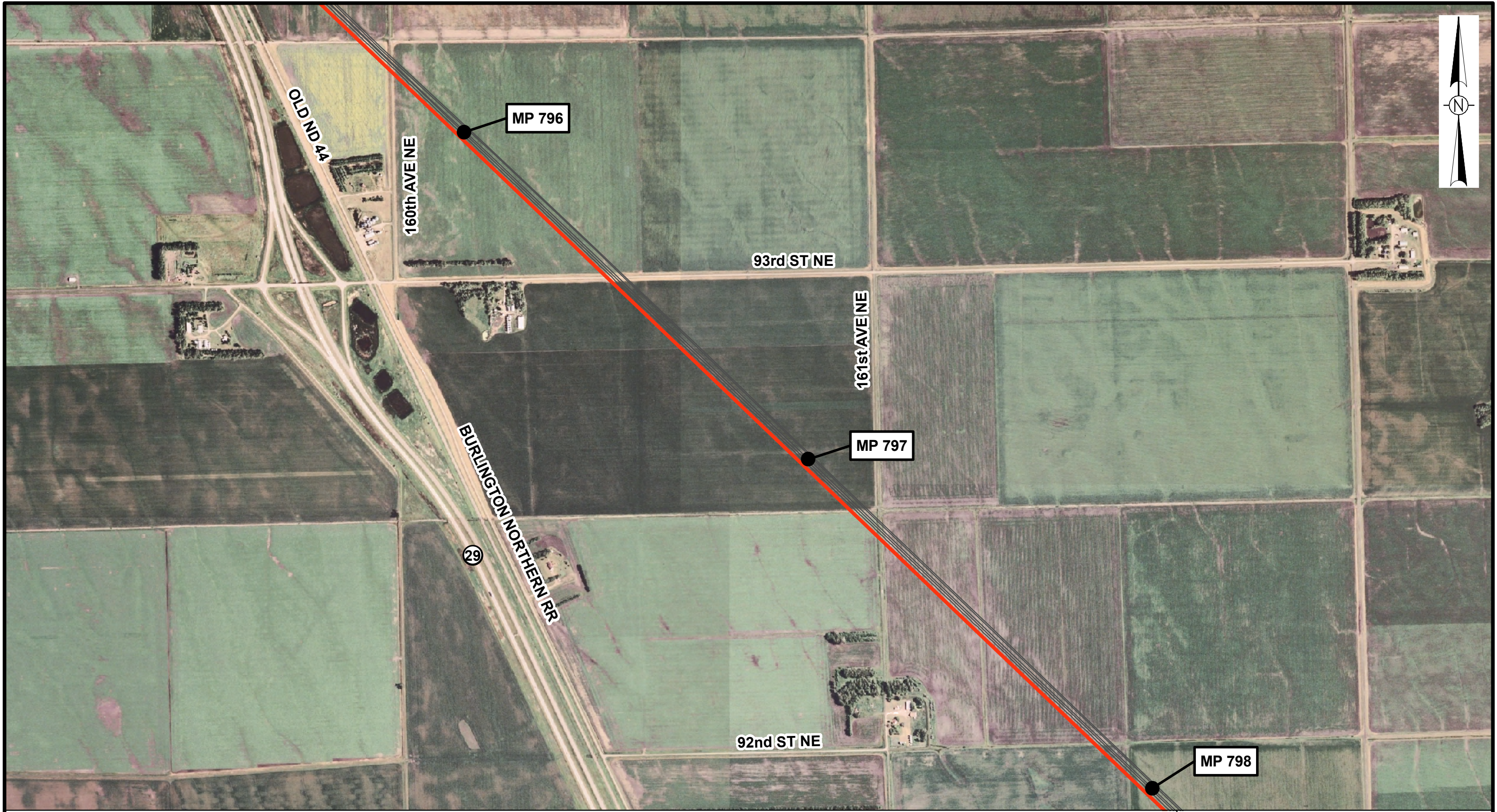


Map Prepared By:  
**GULF INTERSTATE ENGINEERING**

Alberta Clipper Project U.S./Canada Border to Superior, WI	
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March 15, 2007

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**Legend**

- Proposed Alberta Clipper Oil Pipeline
- Existing Enbridge Pipelines
- ⊗ Mainline Block Valve
- Milepost

0 500 1,000  
Feet

Map Prepared By:  

**GULF INTERSTATE  
 ENGINEERING**

March 15, 2007

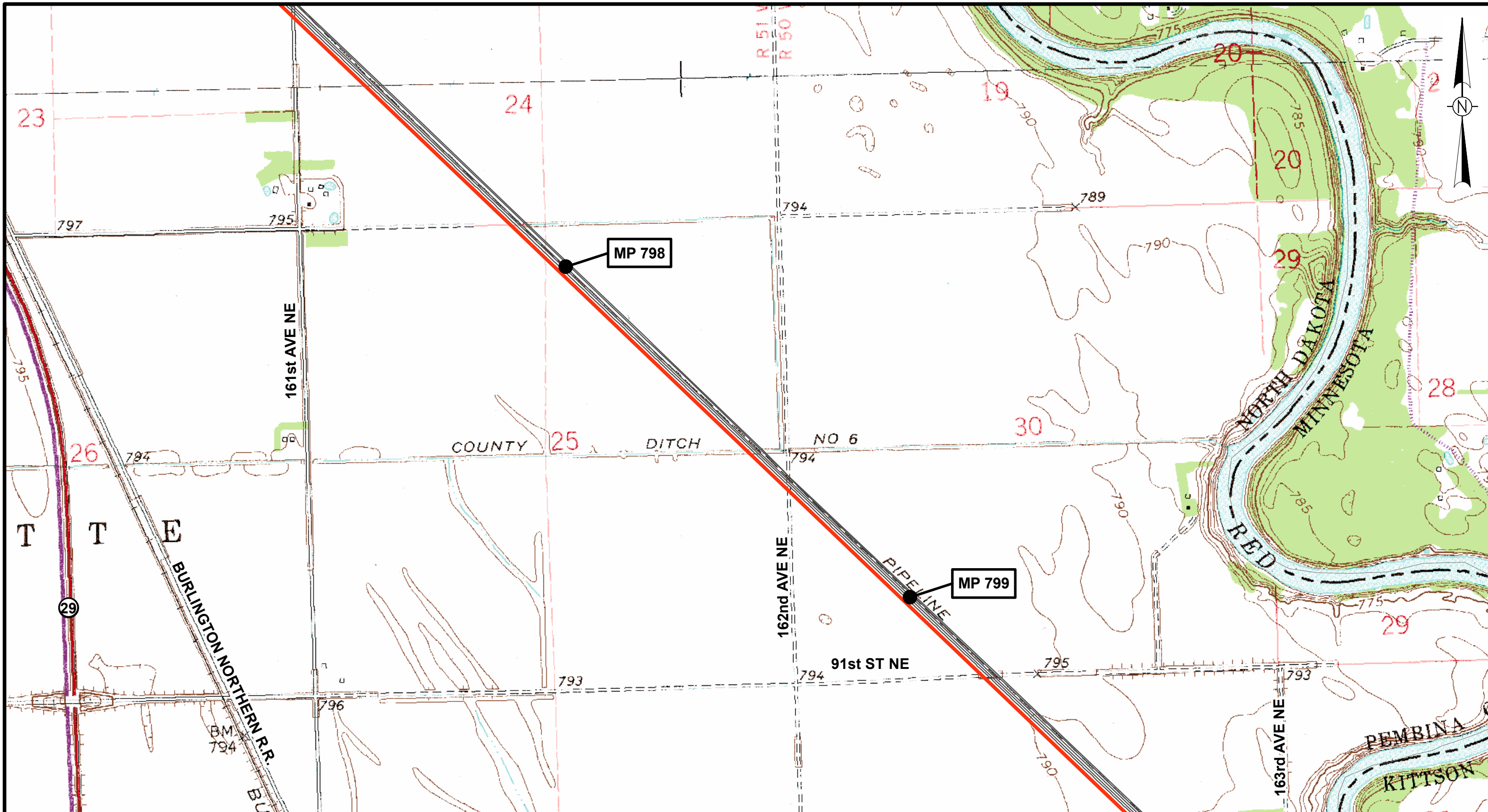


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Alberta Clipper Project  
 U.S./Canada Border to Superior, WI

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**Legend**

- Proposed Alberta Clipper Oil Pipeline
- Existing Enbridge Pipelines
- ⊗ Mainline Block Valve
- Milepost

0 500 1,000  
Feet

Map Prepared By:  
**GULF INTERSTATE ENGINEERING**

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Alberta Clipper Project  
 U.S./Canada Border to Superior, WI

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**Legend**

- Proposed Alberta Clipper Oil Pipeline
- Existing Enbridge Pipelines
- ⊗ Mainline Block Valve
- Milepost

0 500 1,000  
Feet

Map Prepared By:  
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March 15, 2007

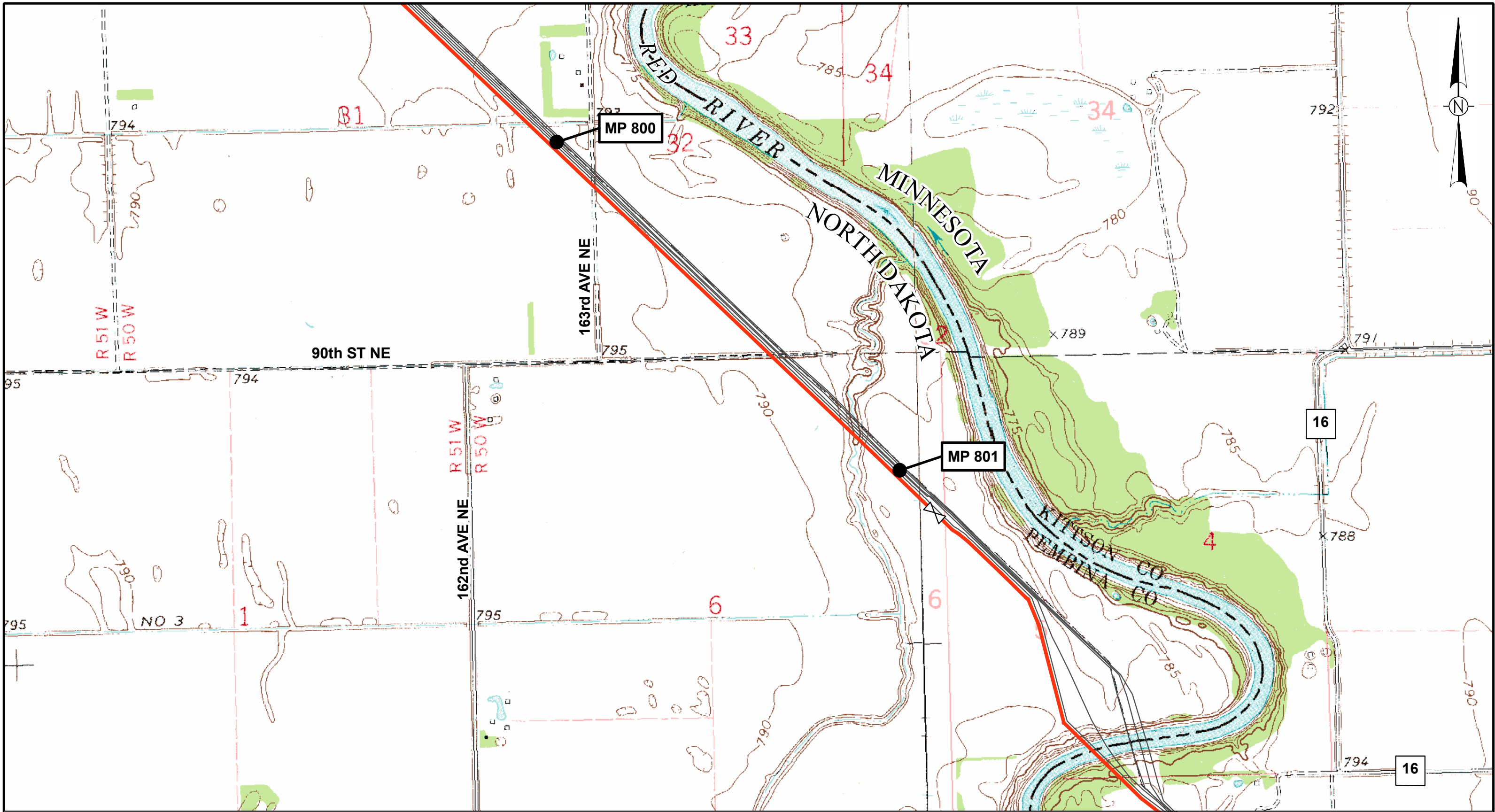


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**Legend**

- Proposed Alberta Clipper Oil Pipeline
- Existing Enbridge Pipelines
- ⊗ Mainline Block Valve
- Milepost

0 500 1,000  
Feet

Map Prepared By:  
 GULF INTERSTATE  
 ENGINEERING

March 15, 2007



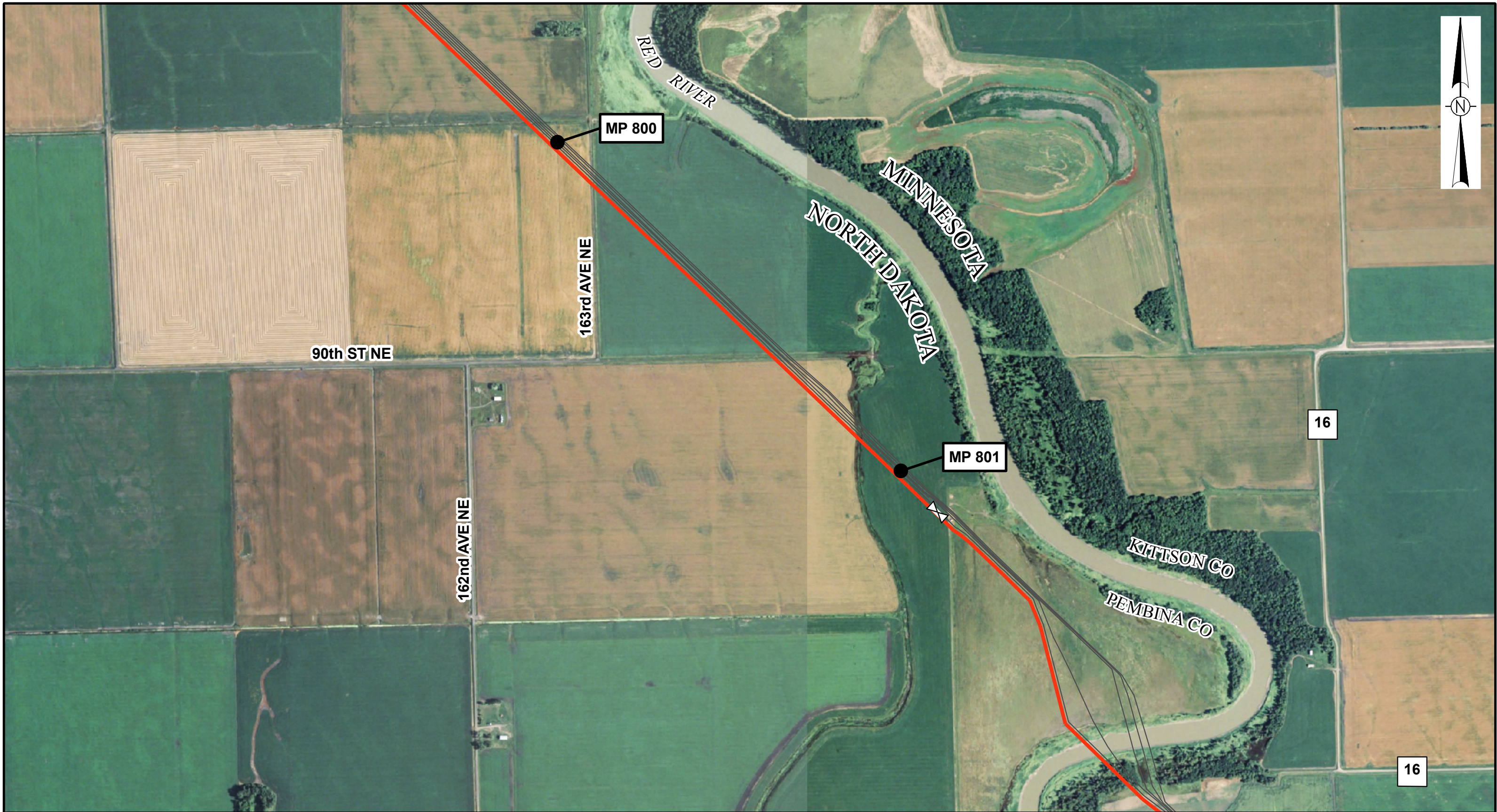
Alberta Clipper Project  
 U.S./Canada Border to Superior, WI

DRAWING

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REVISION

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**Legend**

- Proposed Alberta Clipper Oil Pipeline
- Existing Enbridge Pipelines
- ⊗ Mainline Block Valve
- Milepost

0 500 1,000  
Feet

Map Prepared By:  
 GULF INTERSTATE  
 ENGINEERING

March 15, 2007



**ENBRIDGE™**

Alberta Clipper Project  
 U.S./Canada Border to Superior, WI

DRAWING	AC-014	REVISION <b>A</b>
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