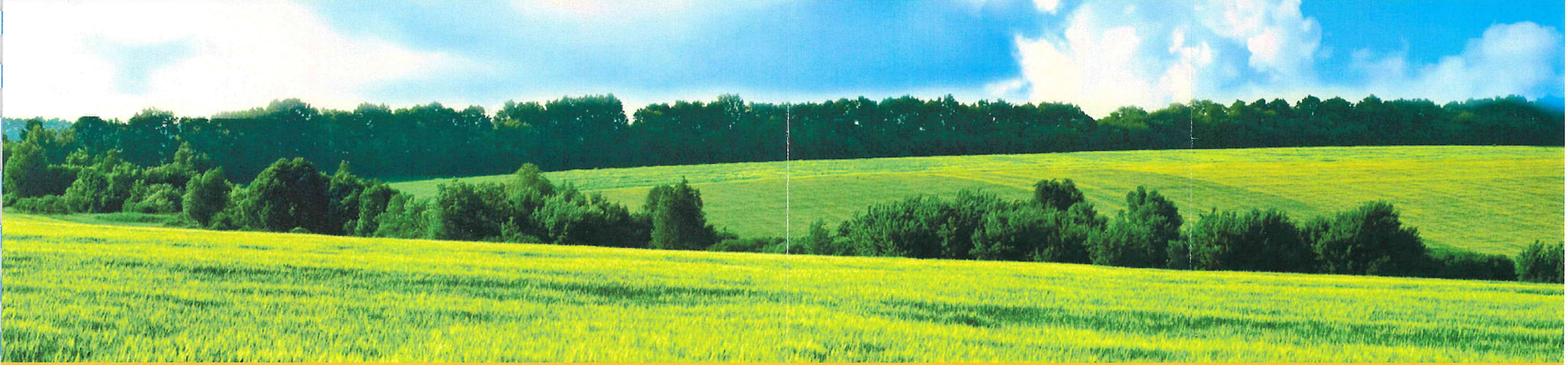
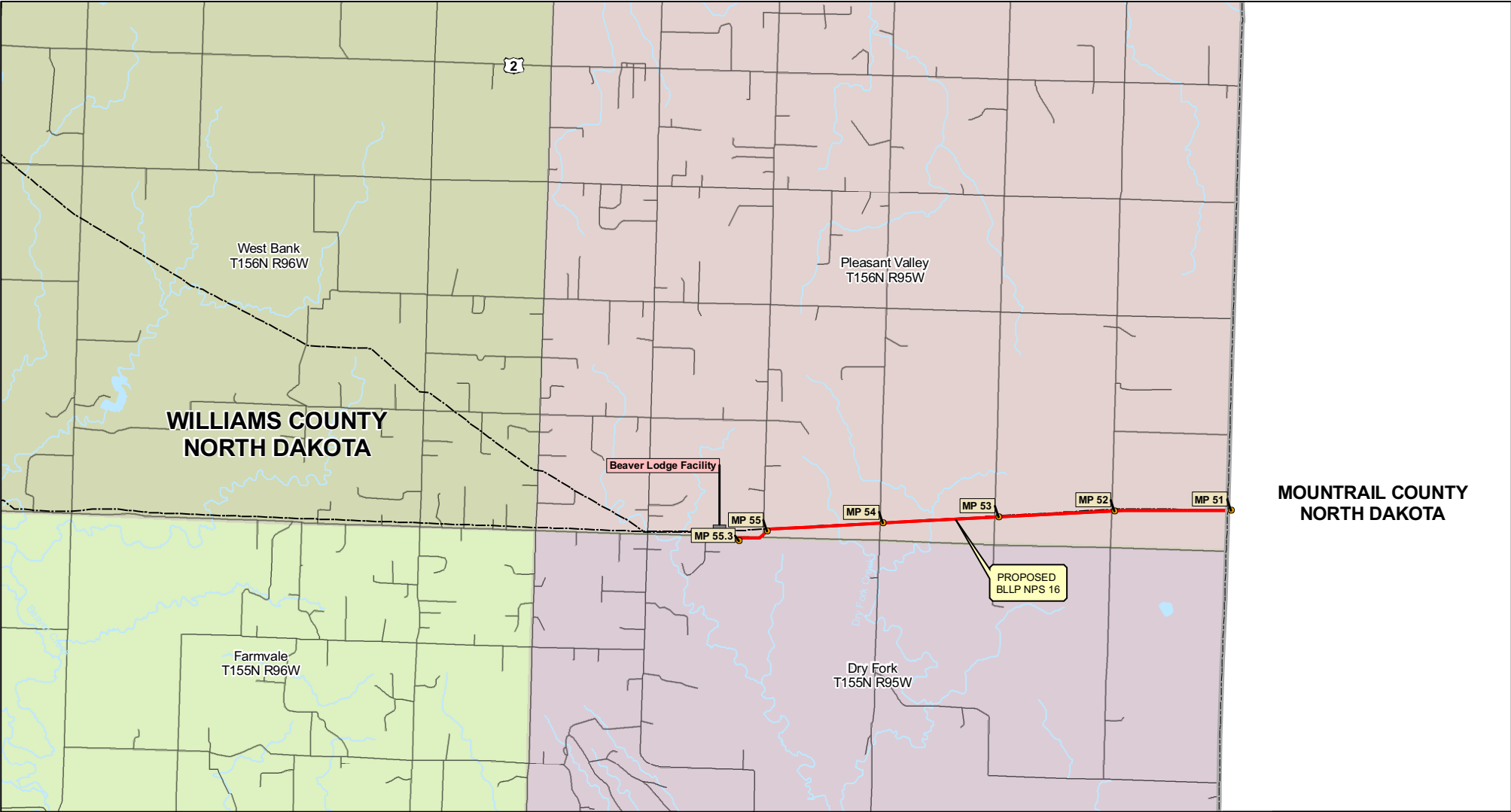


APPLICATION FOR A CERTIFICATE OF CORRIDOR COMPATIBILITY AND A ROUTE PERMIT FOR A CRUDE OIL PIPELINE



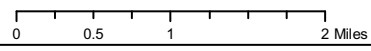
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC BEAVER LODGE LOOP PROJECT PROPOSED ROUTE DOCKET NO. PU-10-613 EXHIBIT H





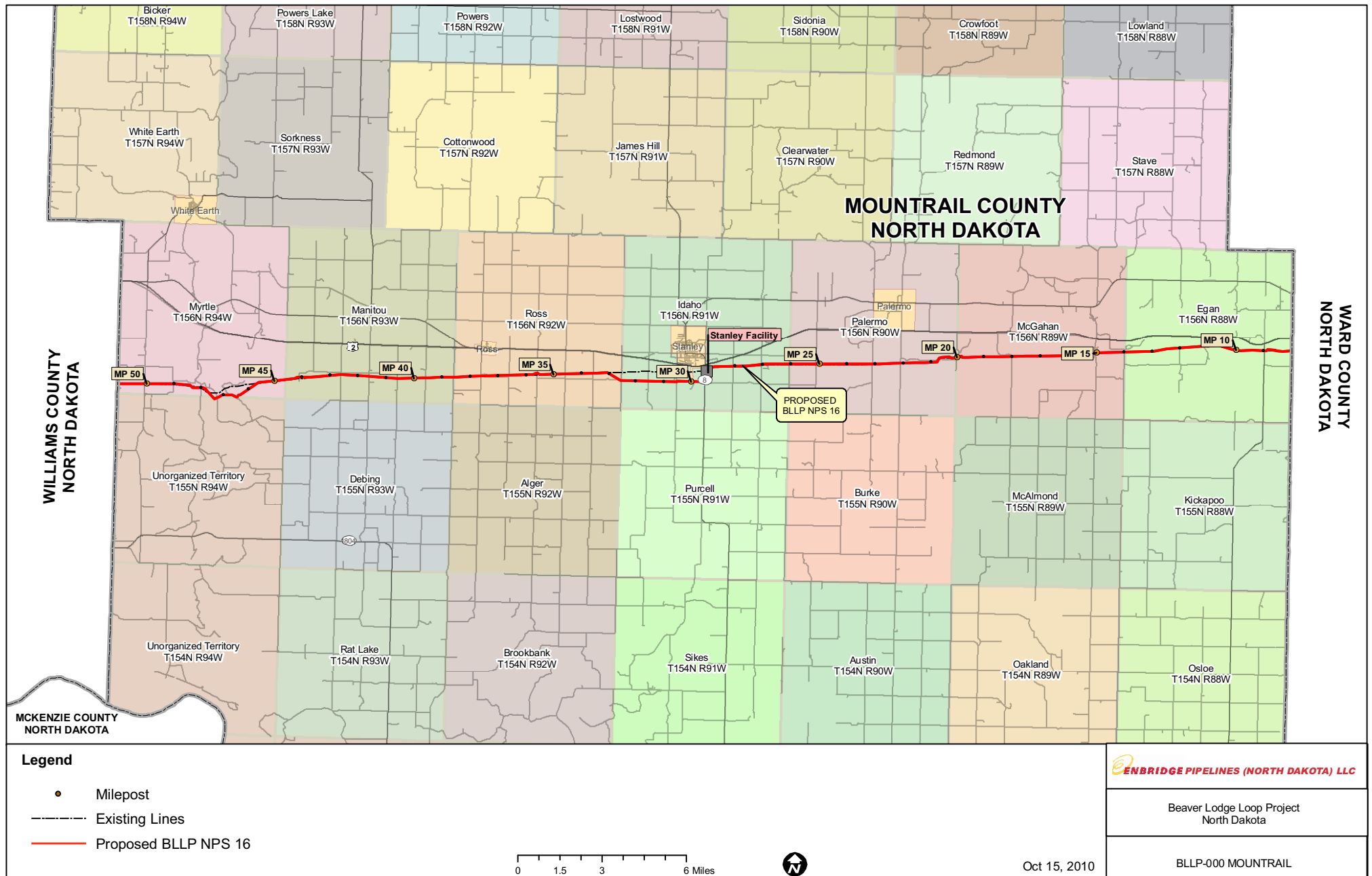
Legend

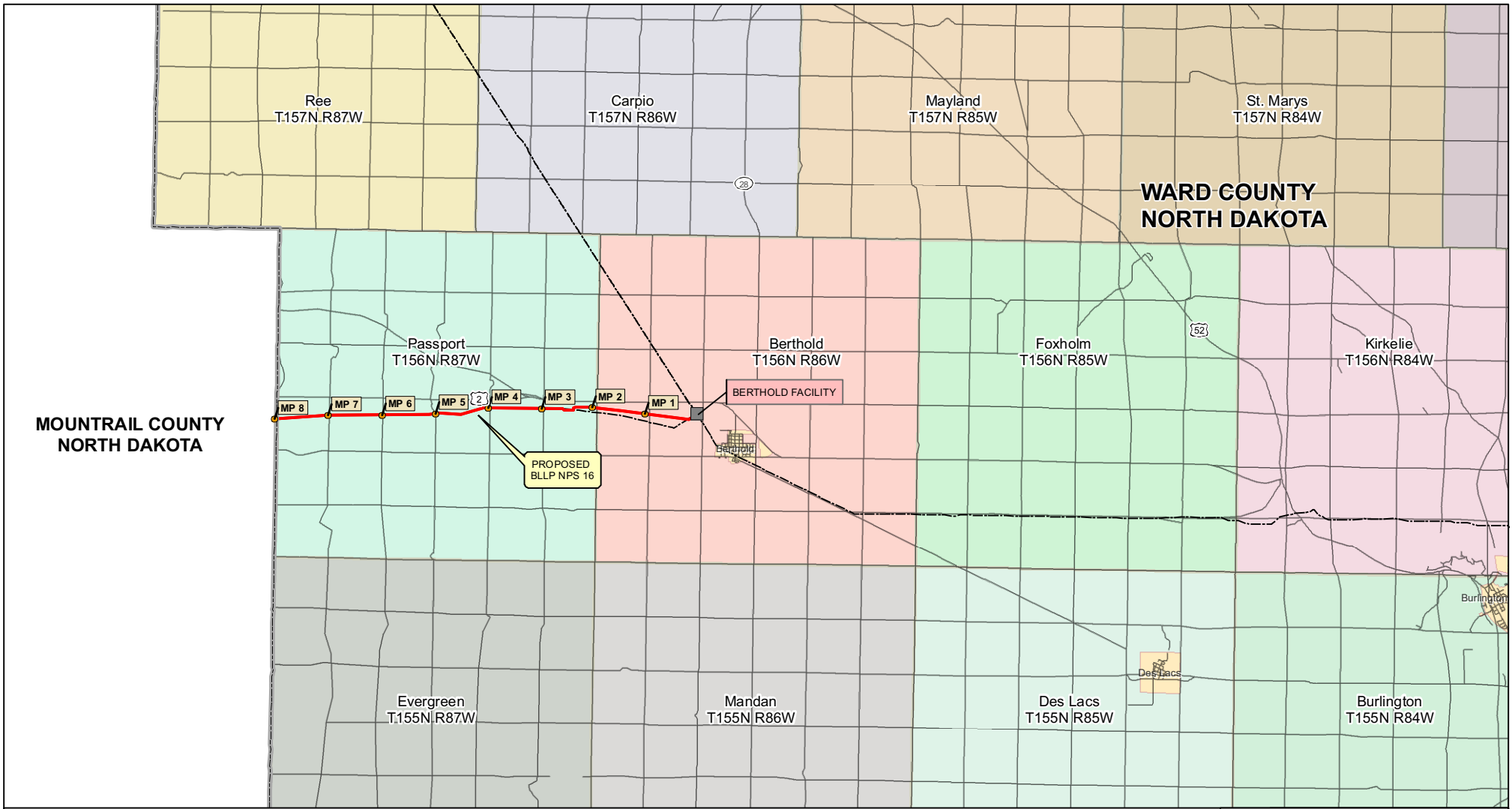
- Milepost
- Existing Lines
- Proposed BLLP NPS 16



Oct 15, 2010

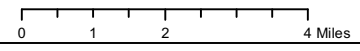
 ENBRIDGE PIPELINES (NORTH DAKOTA) LLC
Beaver Lodge Loop Project North Dakota
BLLP-000 WILLIAMS





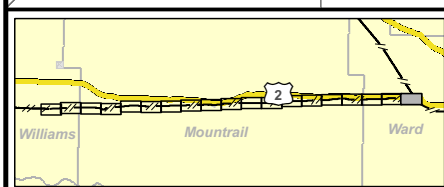
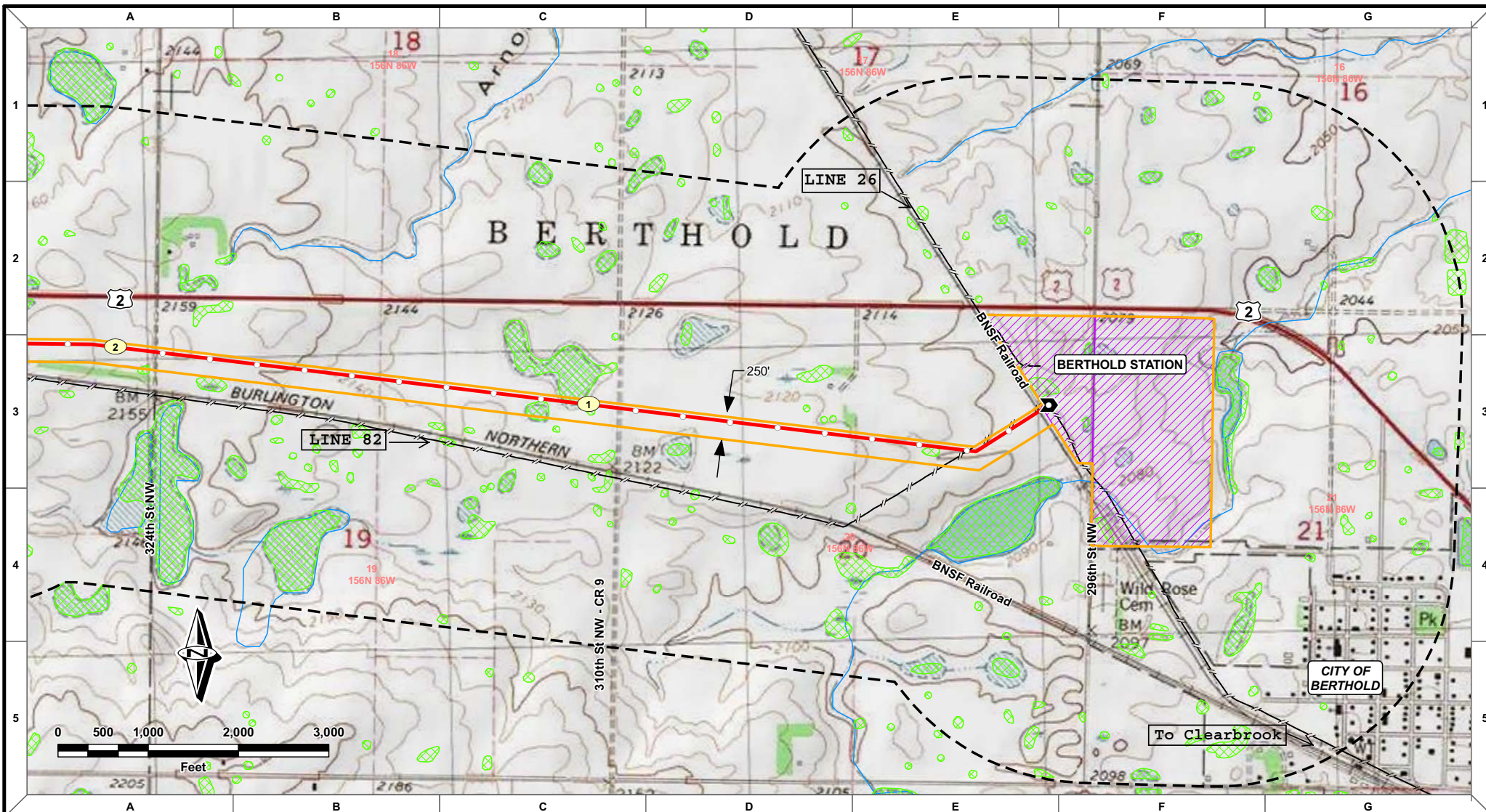
Legend

- Milepost
- Existing Lines
- Proposed BLNP NPS 16



Beaver Lodge Loop Project North Dakota
BLLP-000 WARD

Oct 15, 2010



- Proposed 16" Beaver Lodge to Berthold Pipeline
- Existing Enbridge Pipelines
- ✕ Block Valve
- ▶ Check Valve
- ▶ Trap
- ▨ Station
- ▭ Environmental Corridor
- - - Study Area
- ▨ NWI Wetlands
- Rivers and Streams

MW	DS	DS	10/12/10	0	ND-PSC FILING
DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION

PREPARED BY:
ROONEY ENGINEERING, INC.
303 WEST 10TH AVE. SUITE 200
SIOUX FALLS, SD 57104
303.792.3911

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

BEAVER LODGE LOOP PROJECT

ROUTE MAPS

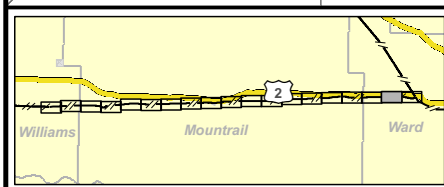
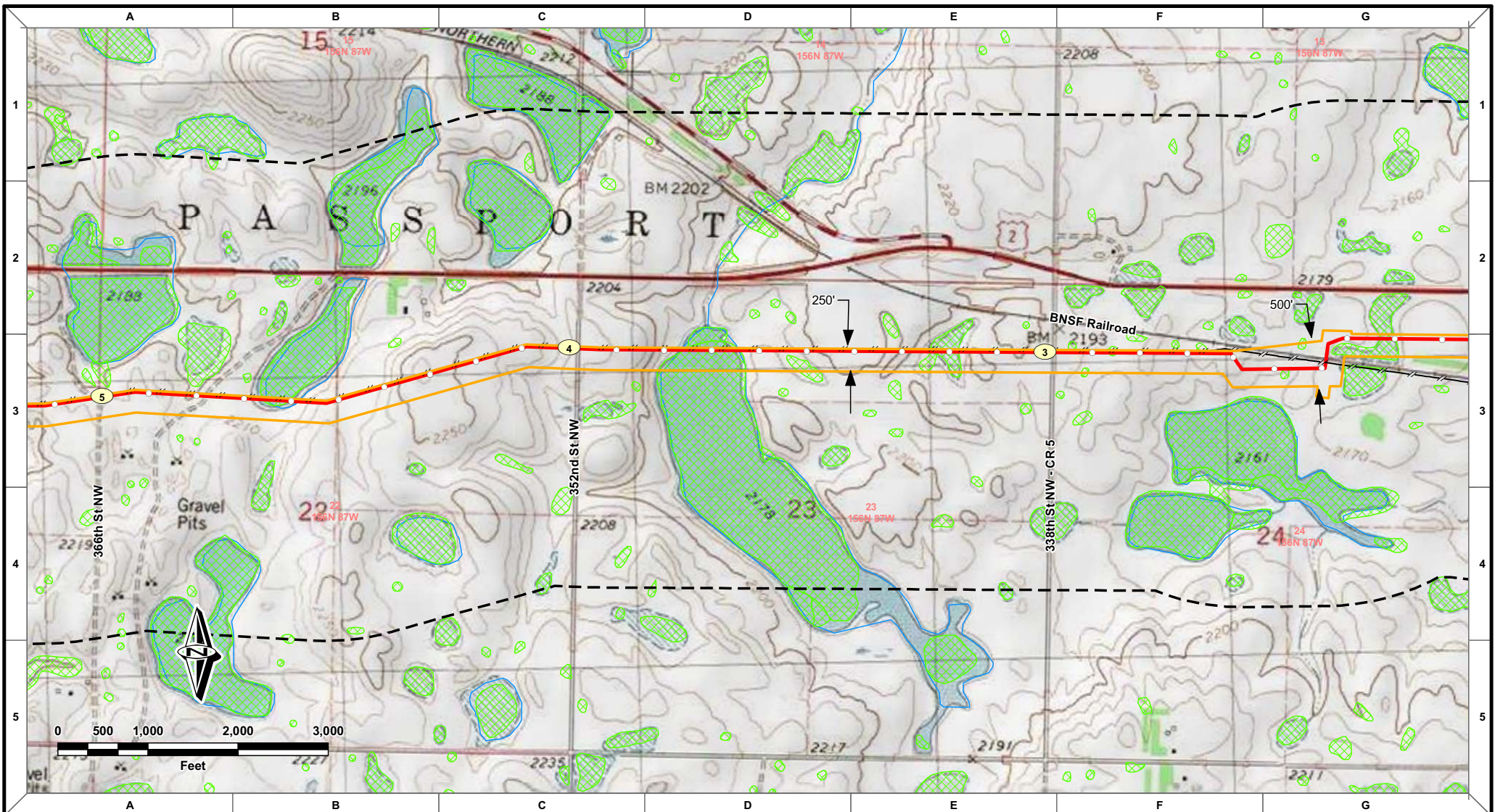
SHEET 1

S20 T156N R86W to S5 T155N R95W

DRAWN: MWV	CHECKED: DS
DATE: 10/12/10	SCALE: AS SHOWN

2715-M-01001





- Proposed 16" Beaver Lodge to Berthold Pipeline
- Existing Enbridge Pipelines
- X Block Valve
- ▶ Check Valve
- ▶▶ Trap
- Station
- Environmental Corridor
- Study Area
- NWI Wetlands
- Rivers and Streams

MW	DS	DS	10/12/10	0	ND-PSC FILING
DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION

PREPARED BY:
 ROONEY ENGINEERING, INC.
 303.792.5911

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

BEAVER LODGE LOOP PROJECT

ROUTE MAPS

SHEET 2

S20 T156N R86W to S5 T155N R95W

DRAWN: MWV	CHECKED: DS
DATE: 10/12/10	SCALE: AS SHOWN

2715-M-01002



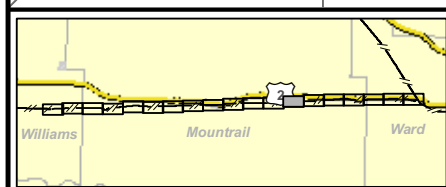










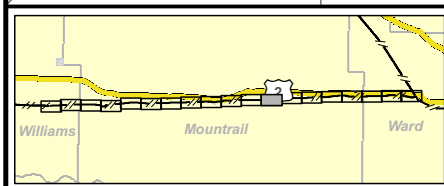
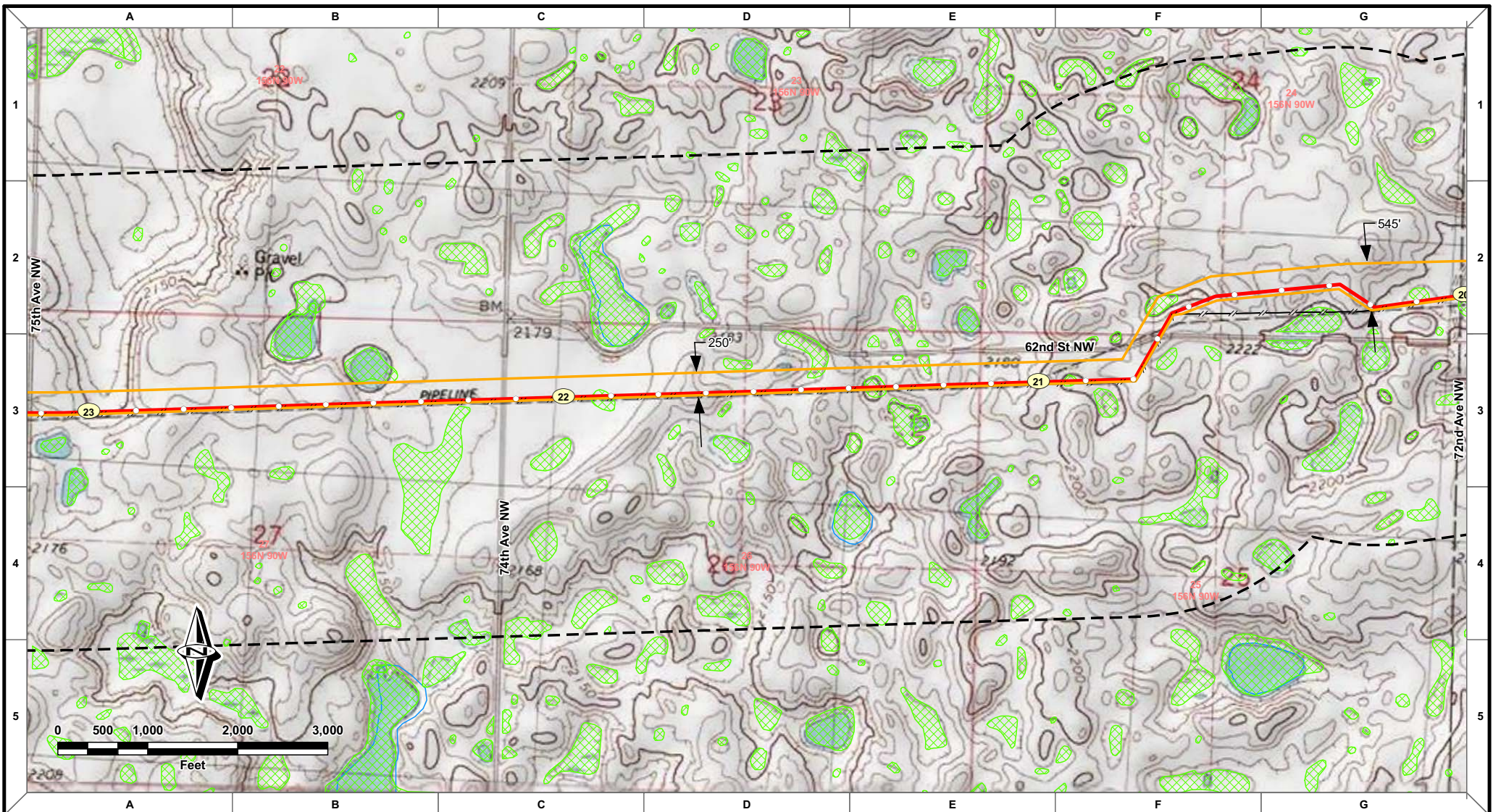


-  Proposed 16" Beaver Lodge to Berthold Pipeline
 Existing Enbridge Pipelines
 Block Valve
 Check Valve
 Trap
 Station
 Environmental Corridor
 Study Area
 NWI Wetlands
 Rivers and Streams

MW	DS	DS	10/12/10	0	ND-PSC FILING
DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION

PREPARED BY:
ROONEY ENGINEERING, INC.
CENTENNIAL, COLORADO

 ENBRIDGE PIPELINES (NORTH DAKOTA) LLC	
BEAVER LODGE LOOP PROJECT ROUTE MAPS SHEET 7 S20 T156N R86W to S5 T155N R95W	
DRAWN:	MSW
CHECKED:	DS
DATE:	10/12/10
SCALE:	AS SHOWN
2715-M-01007	



- Proposed 16" Beaver Lodge to Berthold Pipeline
- Existing Enbridge Pipelines
- X Block Valve
- ▶ Check Valve
- ▶ Trap
- Station
- Environmental Corridor
- Study Area
- NWI Wetlands
- Rivers and Streams

MW	DS	DS	10/12/10	0	ND-PSC FILING
DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION

PREPARED BY:
ROONEY ENGINEERING, INC.
303-792-5911
303-792-5911

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

BEAVER LODGE LOOP PROJECT

ROUTE MAPS

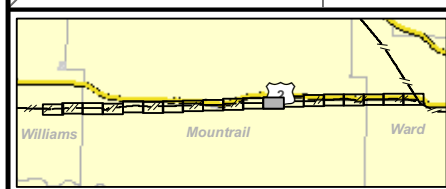
SHEET 8

S20 T156N R86W to S5 T155N R95W

DRAWN: **MWW** CHECKED: **DS**

DATE: **10/12/10** SCALE: **AS SHOWN**

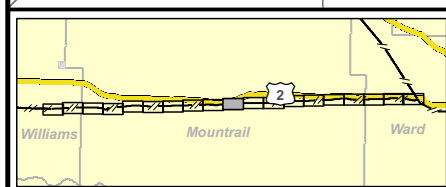
2715-M-01008



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| DRAWN | CHECKED | APPROVED | DATE | REV NO. | DESCRIPTION |







-  Proposed 16" Beaver Lodge to Berthold Pipeline
  Environmental Corridor
-  Existing Enbridge Pipelines
  Study Area
-  Block Valve
  NWI Wetlands
-  Check Valve
  Rivers and Streams
-  Trap
-  Station

MW	DS	DS	10/12/10	0	ND-PSC FILING
DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION

PREPARED BY:
ROONEY ENGINEERING, INC.
CENTENNIAL, COLORADO

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

BEAVER LODGE LOOP PROJECT

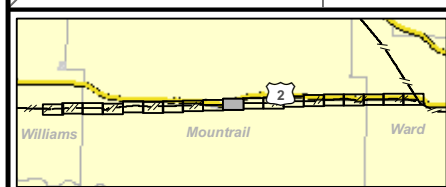
ROUTE MAPS

SHEET 10

S20 T156N R86W to S5 T155N R95W

DRAWN: MWV	CHECKED: DS
DATE: 10/12/10	SCALE: AS SHOWN

2715-M-01010

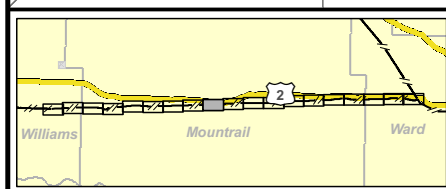


-  Proposed 16" Beaver Lodge to Berthold Pipeline
 Existing Enbridge Pipelines
 Block Valve
 Check Valve
 Trap
 Station
 Environmental Corridor
 Study Area
 NWI Wetlands
 Rivers and Streams

MW	DS	DS	10/12/10	0	ND-PSC FILING
DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION

PREPARED BY:
ROONEY ENGINEERING, INC.
CENTENNIAL, COLORADO

 ENBRIDGE PIPELINES (NORTH DAKOTA) LLC	
BEAVER LODGE LOOP PROJECT ROUTE MAPS SHEET 10 S20 T156N R86W to S5 T155N R95W	
DRAWN:	CHECKED:
<i>MMW</i>	<i>DS</i>
DATE:	SCALE:
<i>10/12/10</i>	<i>AS SHOWN</i>
2715-M-01010	



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| DRAWN | CHECKED | APPROVED | DATE | REV NO. | | DESCRIPTION |

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

BEAVER LODGE LOOP PROJECT

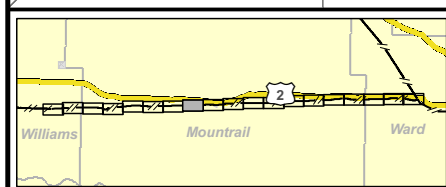
ROUTE MAPS

SHEET 11

S20 T156N R86W to S5 T155N R95W

DRAWN: MWV	CHECKED: DS
DATE: 10/12/19	SCALE: AS SHOWN

2715-M-01011



-  Proposed 16" Beaver Lodge to Berthold Pipeline
  Environmental Corridor
-  Existing Enbridge Pipelines
  Study Area
-  Block Valve
  NWI Wetlands
-  Check Valve
  Rivers and Streams
-  Trap
-  Station

MW	DS	DS	10/12/10	0	ND-PSC FILING
DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION

PREPARED BY:
ROONEY ENGINEERING, INC.
CENTENNIAL, COLORADO

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

BEAVER LODGE LOOP PROJECT

ROUTE MAPS

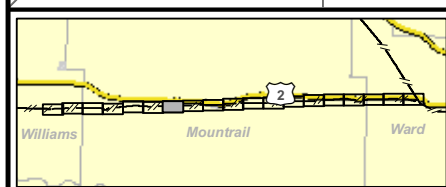
SHEET 12

S20 T156N R86W to S5 T155N R95W

DRAWN:	MWW	CHECKED:	DS
DATE:	10/12/10	SCALE:	AS SHOWN

2715-M-01012





-  Proposed 16" Beaver Lodge to Berthold Pipeline
 Existing Enbridge Pipelines
 Block Valve
 Check Valve
 Trap
 Station
 Environmental Corridor
 Study Area
 NWI Wetlands
 Rivers and Streams

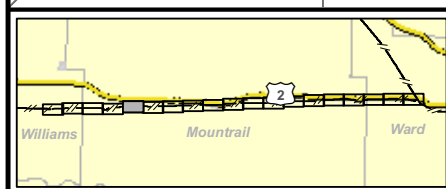
MW	DS	DS	10/12/10	0	ND-PSC FILING
DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION

PREPARED BY:
ROONEY ENGINEERING, INC.
CENTENNIAL, COLORADO

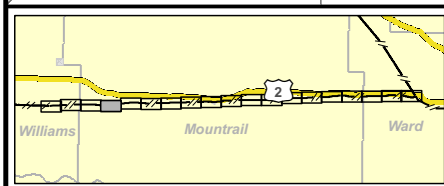
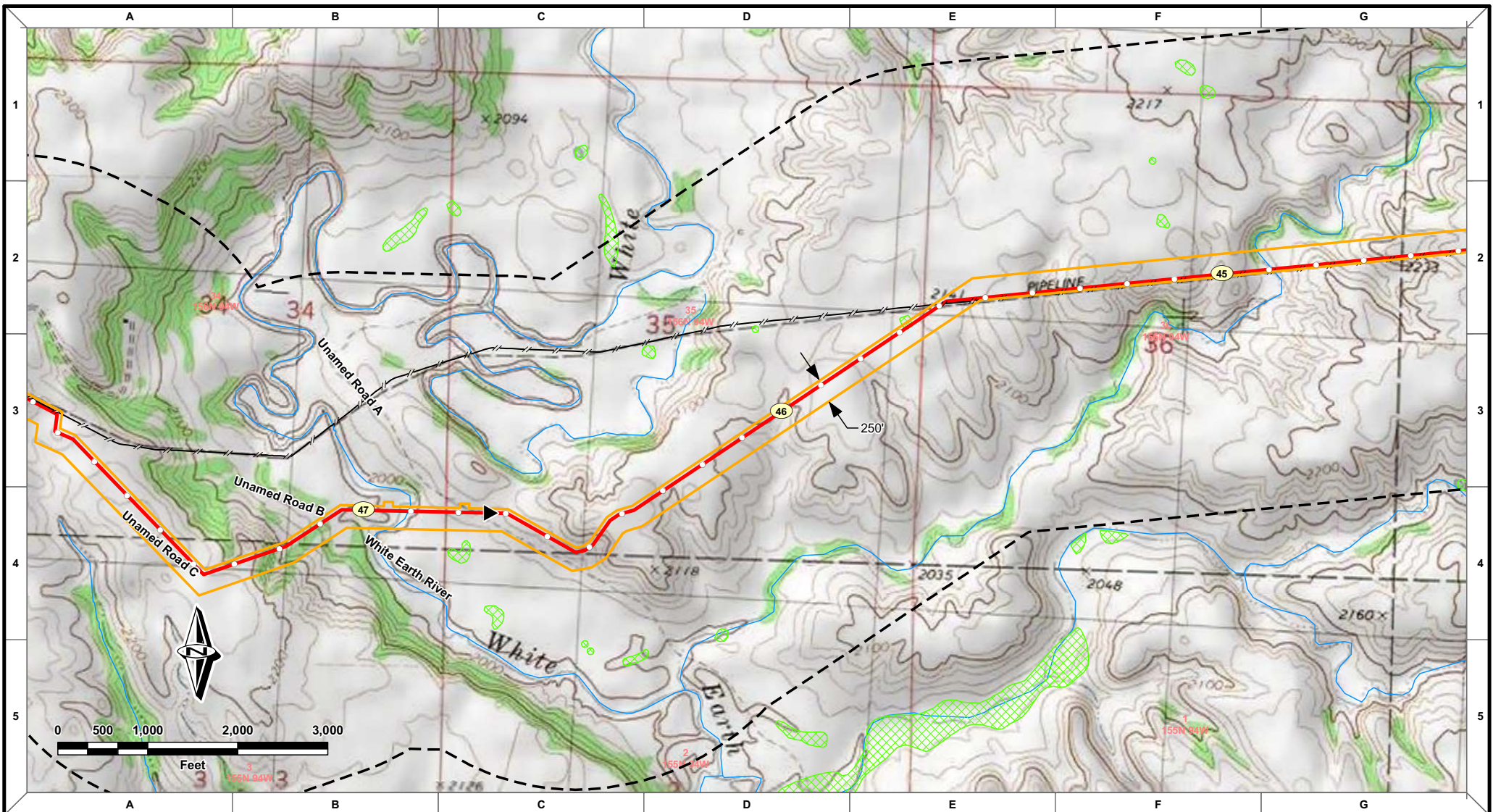
 ENBRIDGE PIPELINES (NORTH DAKOTA) LLC	
BEAVER LODGE LOOP PROJECT ROUTE MAPS SHEET 13 S20 T156N R86W to S5 T155N R95W	
DRAWN: <i>MMW</i>	CHECKED: <i>DS</i>
DATE: <i>10/12/10</i>	SCALE: <i>AS SHOWN</i>
2715-M-01013	







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| MW | DS | DS | 10/12/10 | 0 | ND-PSC FILING |
| DRAWN | CHECKED | APPROVED | DATE | REV
NO. | DESCRIPTION |



- Proposed 16" Beaver Lodge to Berthold Pipeline
- Existing Enbridge Pipelines
- X Block Valve
- ▶ Check Valve
- ▶ Trap
- ▨ Station
- ▭ Environmental Corridor
- Study Area
- ▨ NWI Wetlands
- Rivers and Streams

MW	DS	DS	10/12/10	0	ND-PSC FILING
DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION

PREPARED BY:
ROONEY ENGINEERING, INC.
303 WEST 10TH AVENUE
SOUTH PLUMAS, COLORADO
80453-7929

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

BEAVER LODGE LOOP PROJECT

ROUTE MAPS

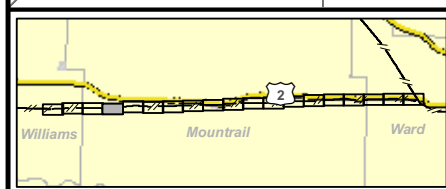
SHEET 16

S20 T156N R86W to S5 T155N R95W

DRAWN: **MWW** CHECKED: **DS**

DATE: **10/12/10** SCALE: **AS SHOWN**

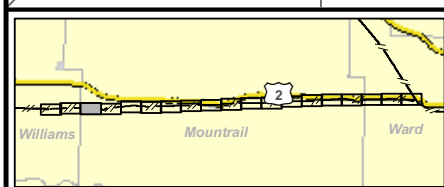
2715-M-01016



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| MW | DS | DS | 10/12/10 | 0 | ND-PSC FILING |
| DRAWN | CHECKED | APPROVED | DATE | REV NO. | DESCRIPTION |

 ENBRIDGE PIPELINES (NORTH DAKOTA) LLC	
BEAVER LODGE NORTH PROJECT ROUTE MAPS SHEET 16 S20 T156N R86W to S5 T155N R95W	
DRAWN:	MMW
CHECKED:	DS
DATE:	10/12/19
SCALE:	AS SHOWN
2715-M-01016	





-  Proposed 16" Beaver Lodge to Berthold Pipeline
 Existing Enbridge Pipelines
 Block Valve
 Check Valve
 Trap
 Station
 Environmental Corridor
 Study Area
 NWI Wetlands
 Rivers and Streams

MW	DS	DS	10/12/10	0	ND-PSC FILING
DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION

PREPARED BY:
ROONEY ENGINEERING, INC.
CENTENNIAL, COLORADO

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

BEAVER LODGE LOOP PROJECT

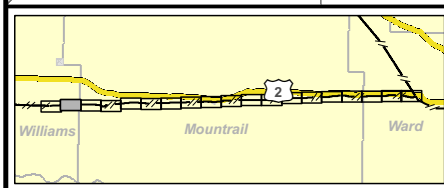
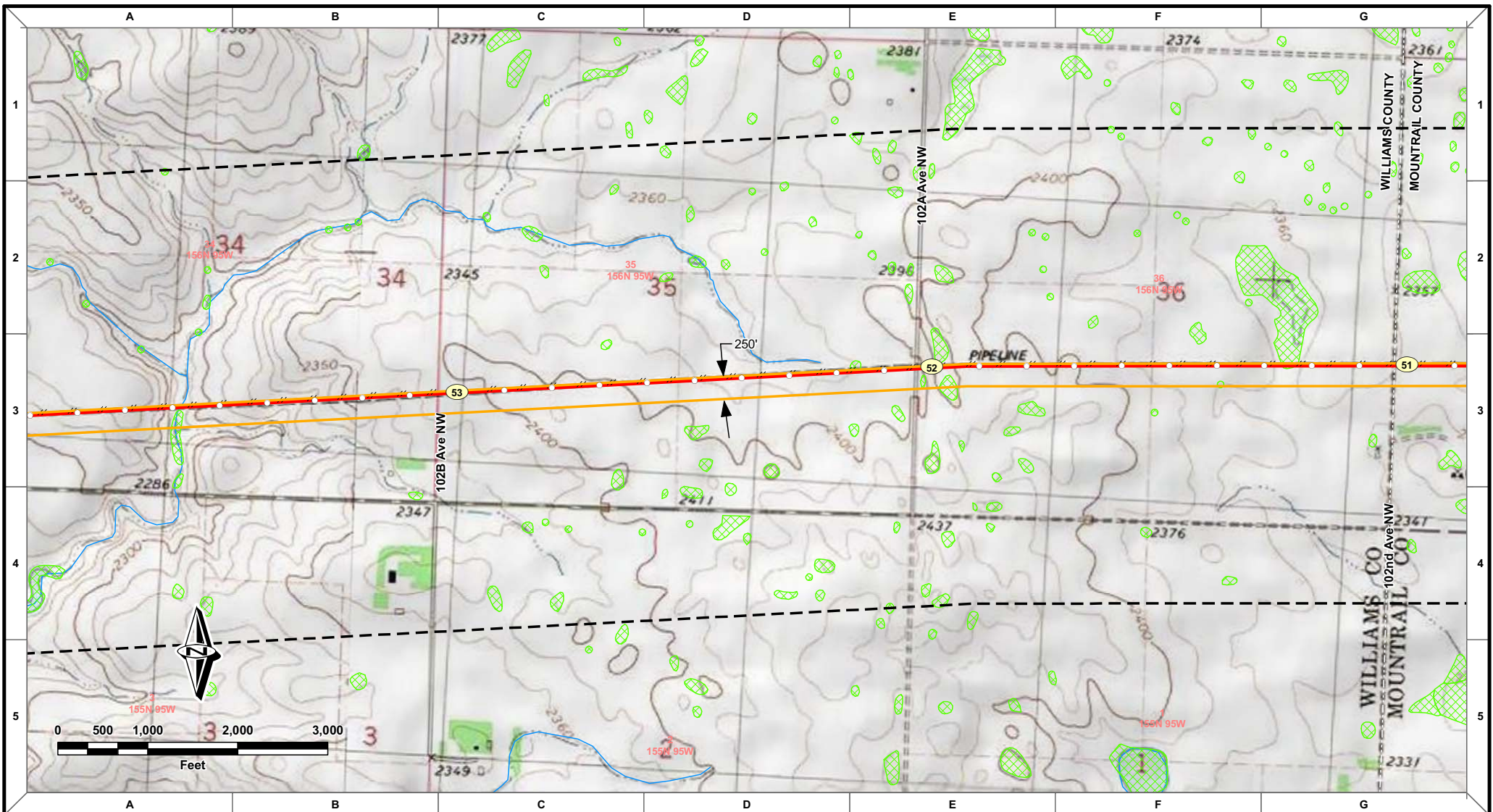
ROUTE MAPS

SHEET 17

S20 T156N R86W to S5 T155N R95W

DRAWN: MWW	CHECKED: DS
DATE: 10/12/10	SCALE: AS SHOWN

2715-M-01017



- Proposed 16" Beaver Lodge to Berthold Pipeline
- Existing Enbridge Pipelines
- X Block Valve
- ▶ Check Valve
- ▶ Trap
- ▨ Station
- Environmental Corridor
- Study Area
- ▨ NWI Wetlands
- Rivers and Streams

MW	DS	DS	10/12/10	0	ND-PSC FILING
DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION

PREPARED BY:
ROONEY ENGINEERING, INC.
303-792-3911

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

BEAVER LODGE LOOP PROJECT

ROUTE MAPS

SHEET 18

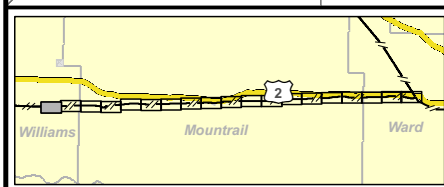
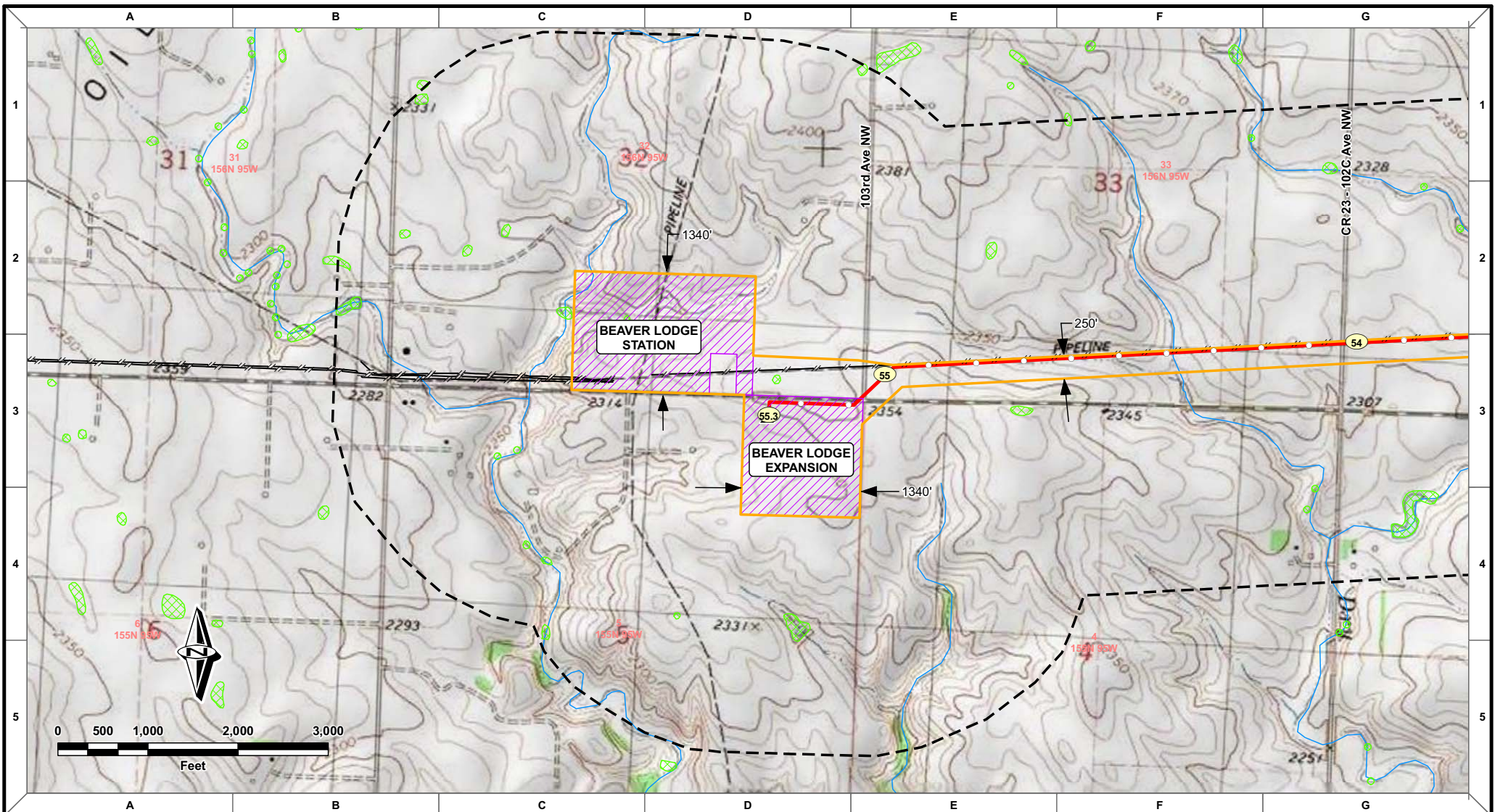
S20 T156N R86W to S5 T155N R95W

DRAWN: **MWW** CHECKED: **DS**

DATE: **10/12/10** SCALE: **AS SHOWN**

2715-M-01018





- Proposed 16" Beaver Lodge to Berthold Pipeline
- Existing Enbridge Pipelines
- ❏ Block Valve
- ▶ Check Valve
- ▶ Trap
- ▨ Station
- ▭ Environmental Corridor
- Study Area
- ▨ NWI Wetlands
- Rivers and Streams

MW	DS	DS	10/12/10	0	ND-PSC FILING
DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION

PREPARED BY:
ROONEY ENGINEERING, INC.
1000 10TH AVENUE NW
GRAND RAPIDS, MINN. 55741
313.792.9911

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

BEAVER LODGE LOOP PROJECT

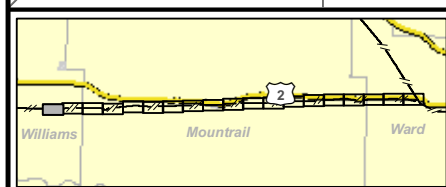
ROUTE MAPS

SHEET 19

S20 T156N R86W to S5 T155N R95W

DRAWN: MWV	CHECKED: DS
DATE: 10/12/10	SCALE: AS SHOWN

2715-M-01019



-  Proposed 16" Beaver Lodge to Berthold Pipeline
 Existing Enbridge Pipelines
 Block Valve
 Check Valve
 Trap
 Station
 Environmental Corridor
 Study Area
 NWI Wetlands
 Rivers and Streams

MW	DS	DS	10/12/10	0	ND-PSC FILING
DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION

PREPARED BY:
ROONEY ENGINEERING, INC.
CENTENNIAL, COLORADO

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

BEAVER LODGE LOOP PROJECT

ROUTE MAPS

SHEET 19

S20 T156N R86W to S5 T155N R95W

DRAWN: MWW	CHECKED: DS
DATE: 10/12/10	SCALE: AS SHOWN

2715-M-01019