

Mainline construction paralleling existing pipeline = 29,898' (5.66 miles)
 Mainline construction not paralleling existing pipeline = 27,906' (5.29 miles)



- Proposed 12" Line Replacement
- Existing Enbridge Pipelines
- Route Maps

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

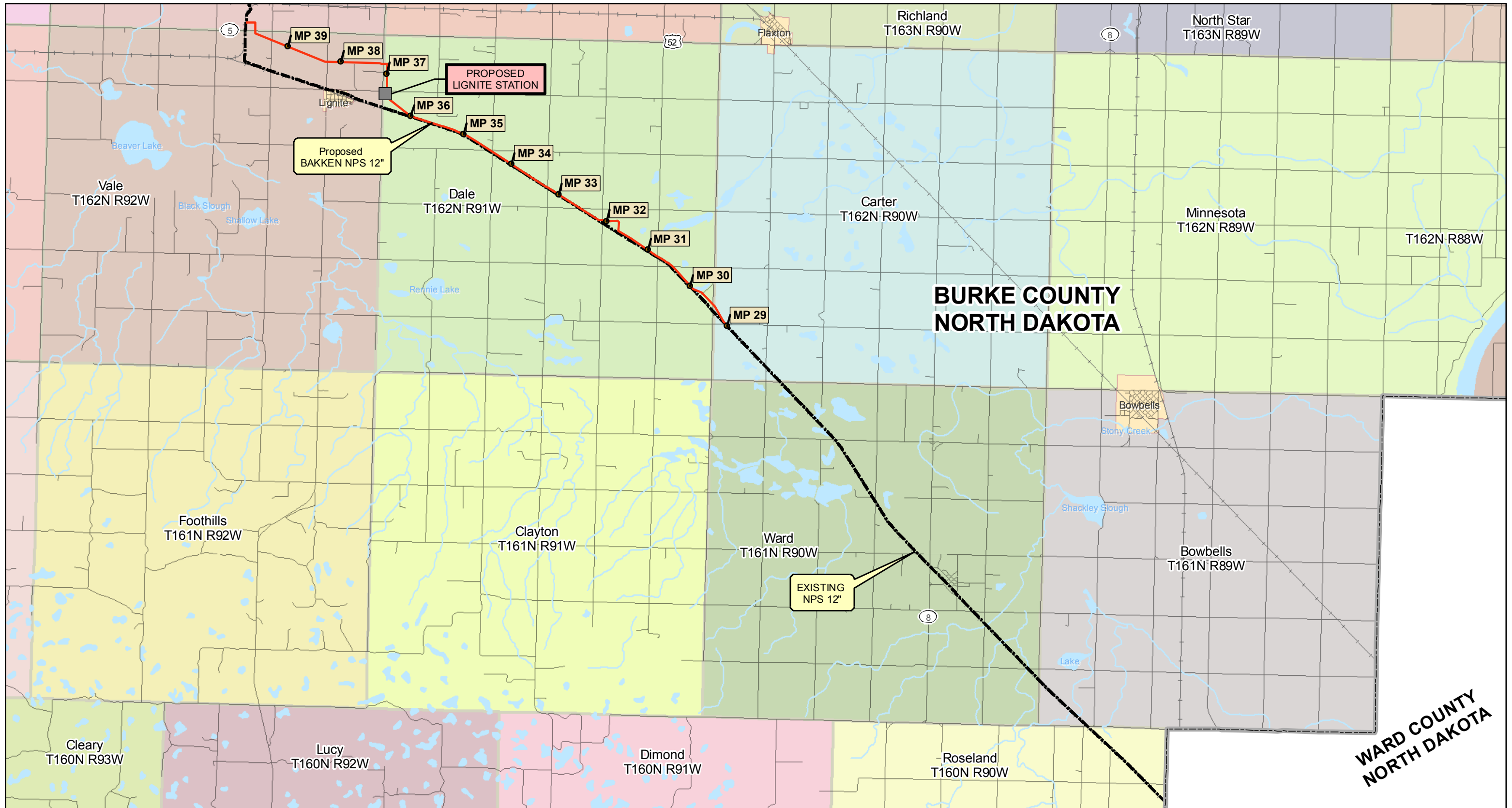
PREPARED BY:
 ROONEY ENGINEERING, INC.
 CENTENNIAL, COLORADO
 303-792-5911

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

BAKKEN PIPELINE PROJECT US
 ROUTE MAP
 INDEX
 S20 T156N R86W to S34 T163N R92W

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

2716-M-01000

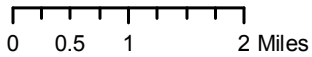


**BURKE COUNTY
NORTH DAKOTA**

**WARD COUNTY
NORTH DAKOTA**

Legend

- Milepost
- Existing Lines
- Proposed NPS 12



Oct 15, 2010

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

Bakken Pipeline Project US
North Dakota

BAKKEN-000 BURKE

**BURKE COUNTY
NORTH DAKOTA**

**WARD COUNTY
NORTH DAKOTA**

**RENVILLE COUNTY
NORTH DAKOTA**

**MOUNTRAIL COUNTY
NORTH DAKOTA**

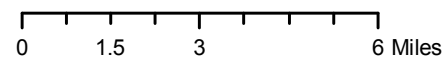
PROPOSED
KENASTON FACILITY

BERTHOLD FACILITY

Existing NPS 12"

Legend

- Milepost
- Existing Lines
- Proposed NPS 12

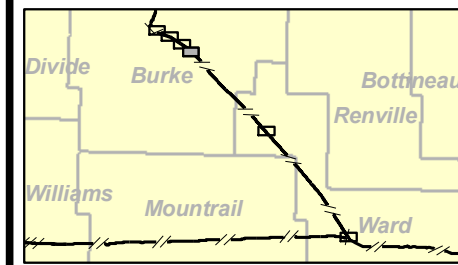


Oct 15, 2010

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

Bakken Pipeline Project US
North Dakota

BAKKEN-000 WARD



- Proposed 12" Line Replacement
- Environmental Corridor
- Existing Enbridge Pipelines
- Study Area
- NWI Wetlands
- Station
- Streams

MW	DS	DS	10/12/10	0	ND-PSC FILING
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ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

BAKKEN PIPELINE PROJECT US

ROUTE MAPS - ~11 MILE REPLACEMENT

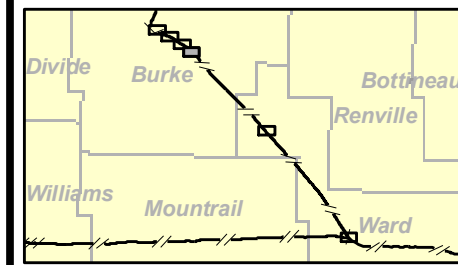
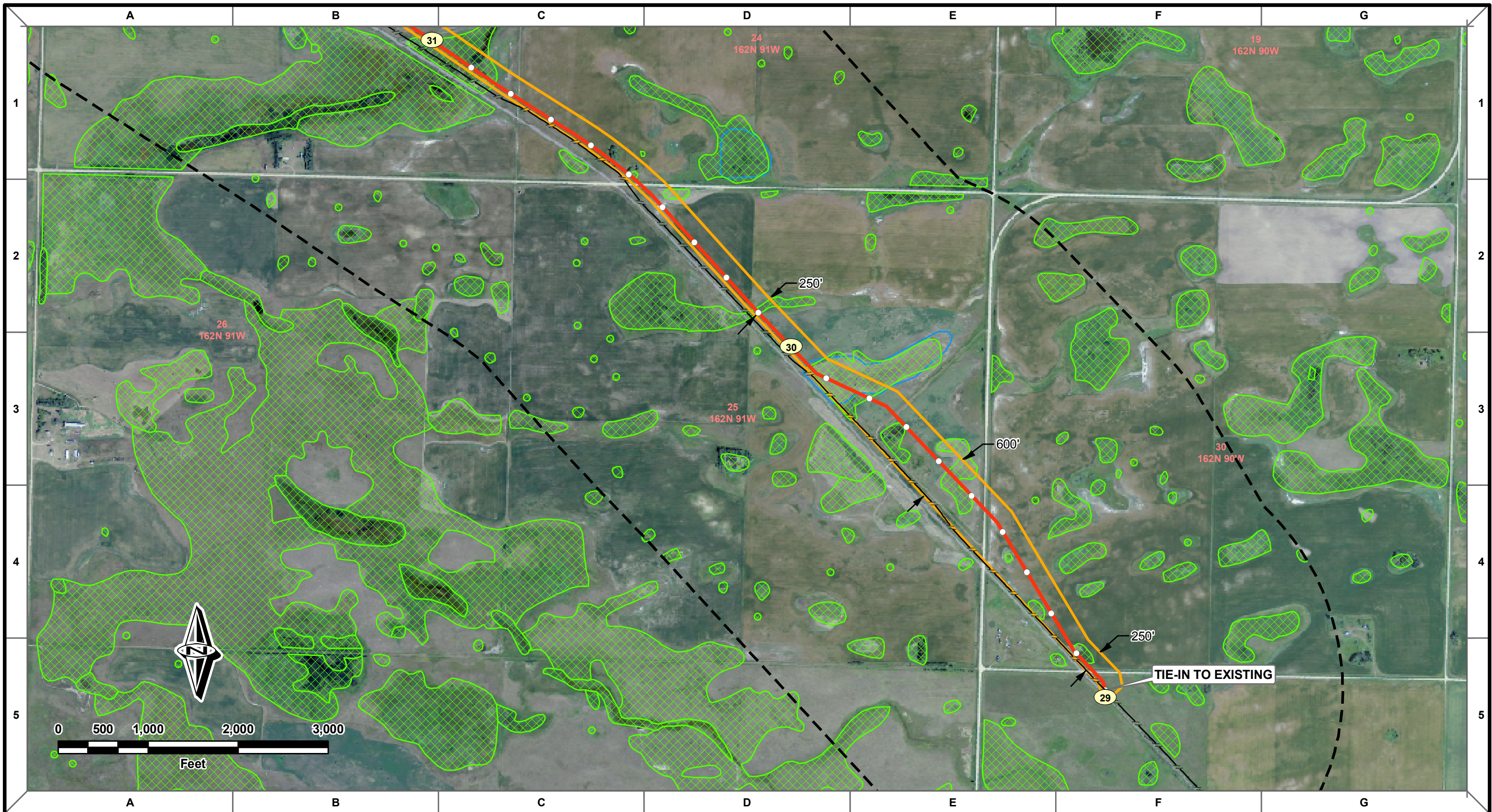
SHEET 1

S31 T162N R90W to S34 T163N R92W

DRAWN: MWV CHECKED: DS

DATE: 10/12/10 SCALE: AS SHOWN

2716-M-01001



- Proposed 12" Line Replacement
- Environmental Corridor
- Existing Enbridge Pipelines
- Study Area
- NWI Wetlands
- Station
- Streams

MW	DS	DS	10/12/10	0					
DRAWN	CHECKED	APPROVED	DATE	REV NO.					
									DESCRIPTION

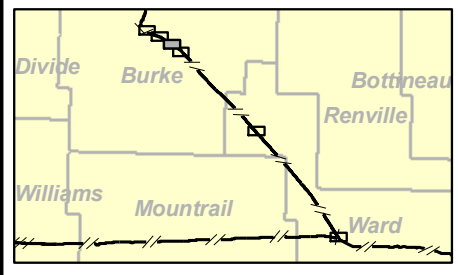
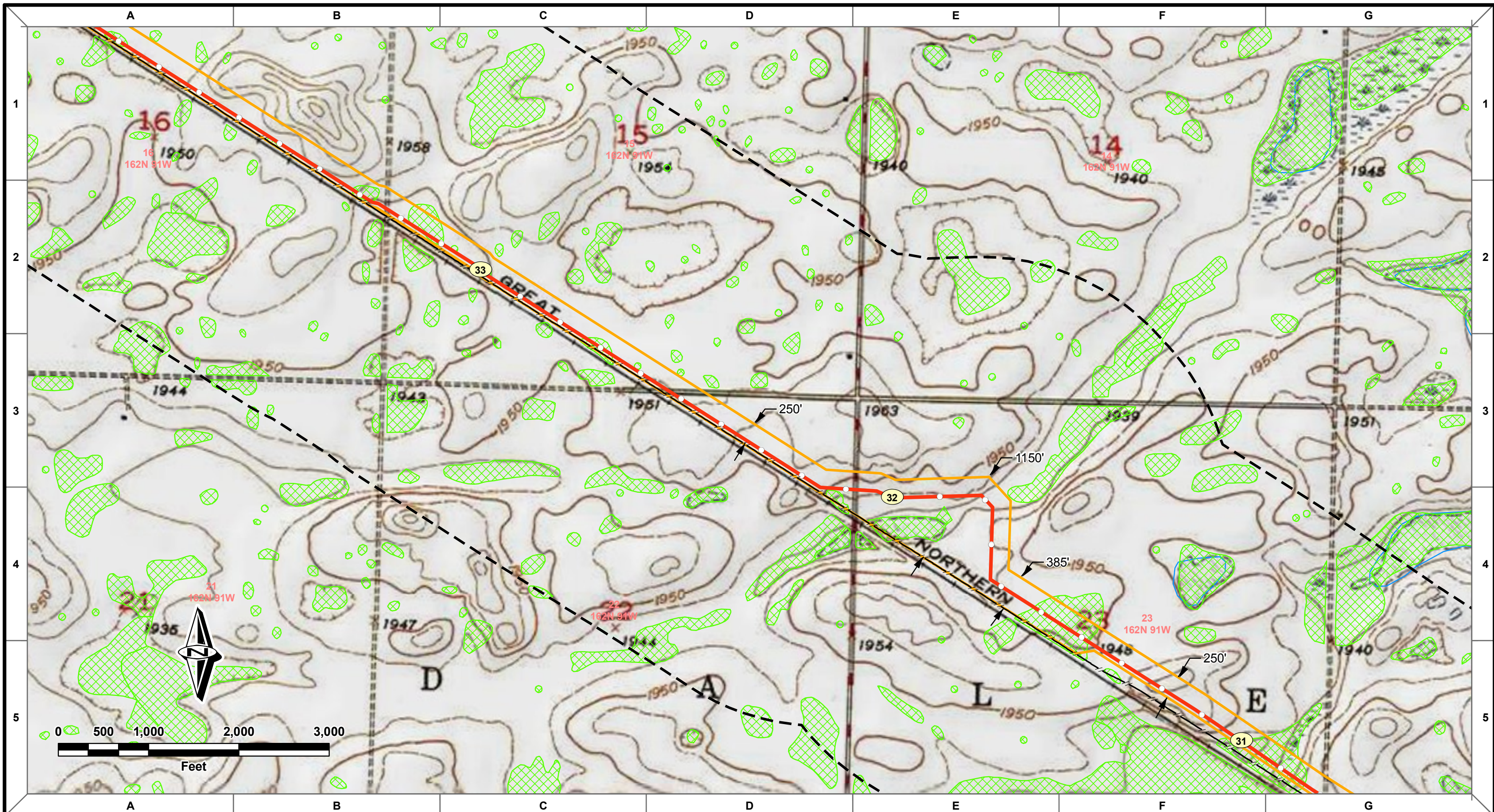
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ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

BAKKEN PIPELINE PROJECT US
 ROUTE MAPS - ~11 MILE REPLACEMENT
 SHEET 1
 S31 T162N R90W to S34 T163N R92W

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

2716-M-01001



- Proposed 12" Line Replacement
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MW	DS	DS	10/12/10	0	ND-PSC FILING
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BAKKEN PIPELINE PROJECT US

ROUTE MAPS - ~11 MILE REPLACEMENT

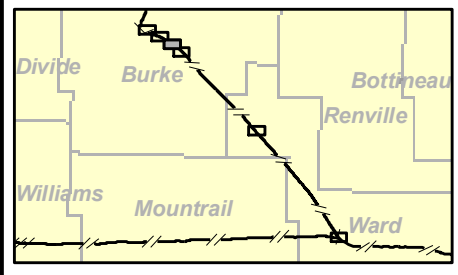
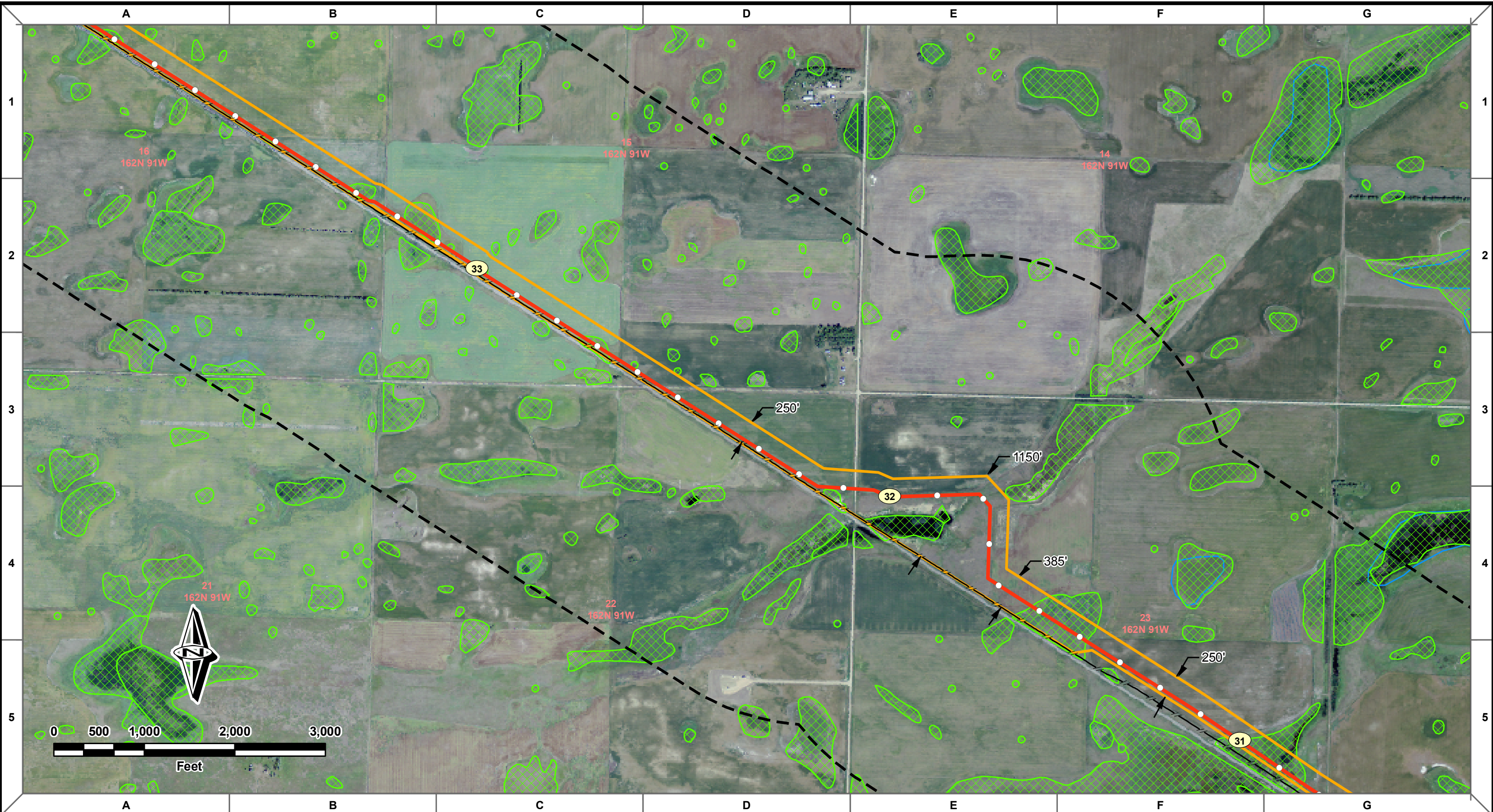
SHEET 2

S31 T162N R90W to S34 T163N R92W

DRAWN: MWV CHECKED: DS

DATE: 10/12/10 SCALE: AS SHOWN

2716-M-01002



- Proposed 12" Line Replacement
- Environmental Corridor
- Existing Enbridge Pipelines
- Study Area
- NWI Wetlands
- Streams
- Station

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

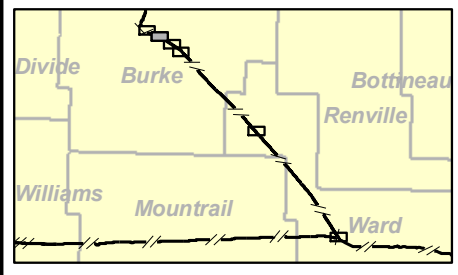
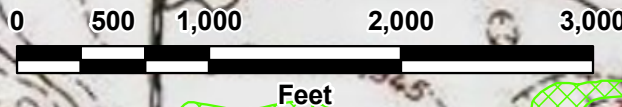
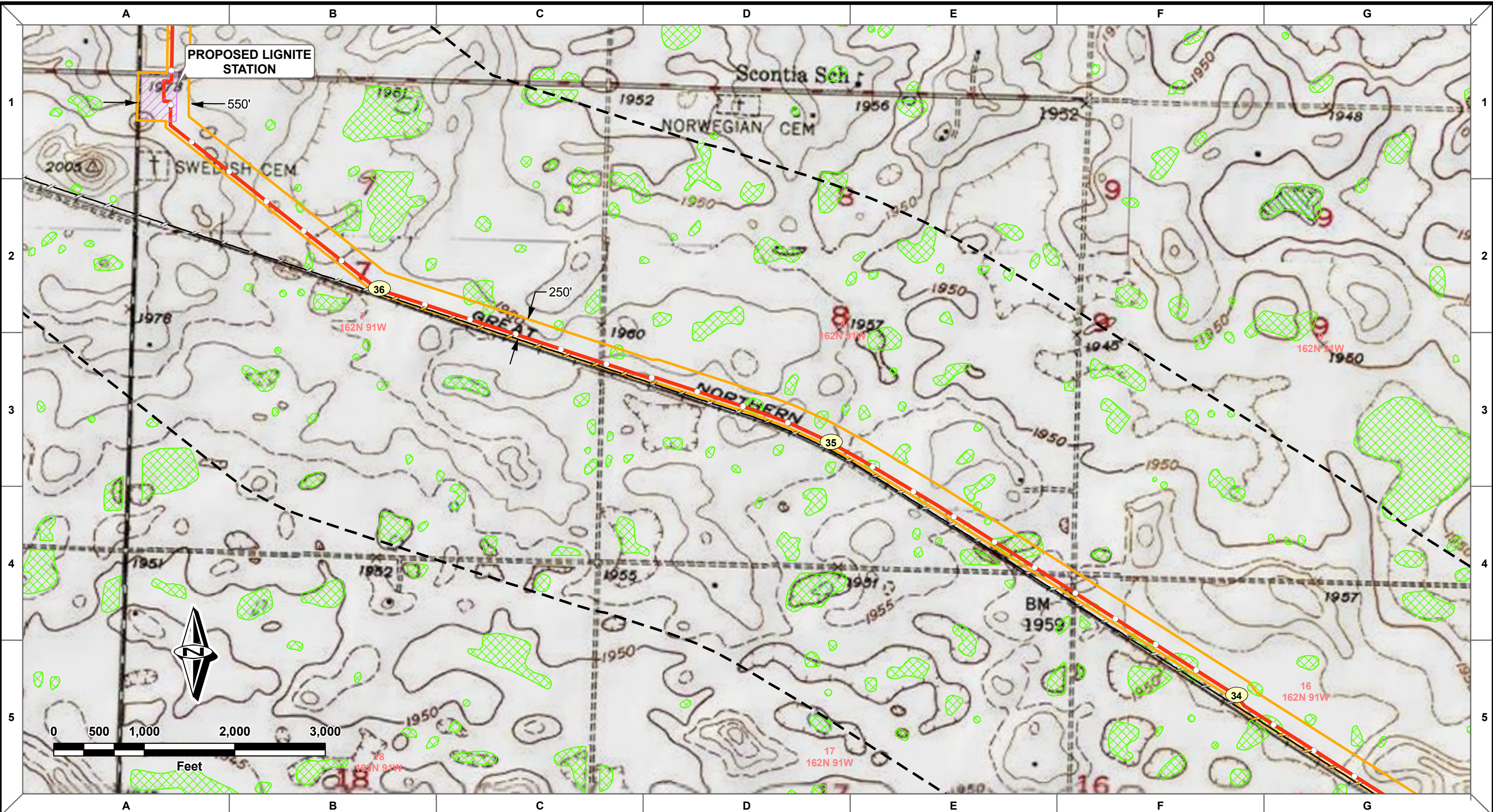
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ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

BAKKEN PIPELINE PROJECT US
 ROUTE MAPS - ~11 MILE REPLACEMENT
 SHEET 2
 S31 T162N R90W to S34 T163N R92W

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

2716-M-01002



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

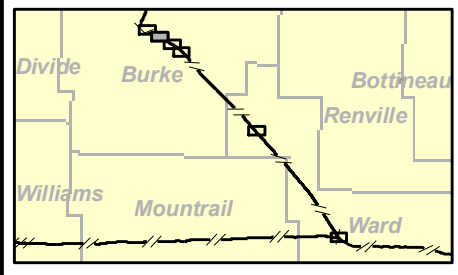
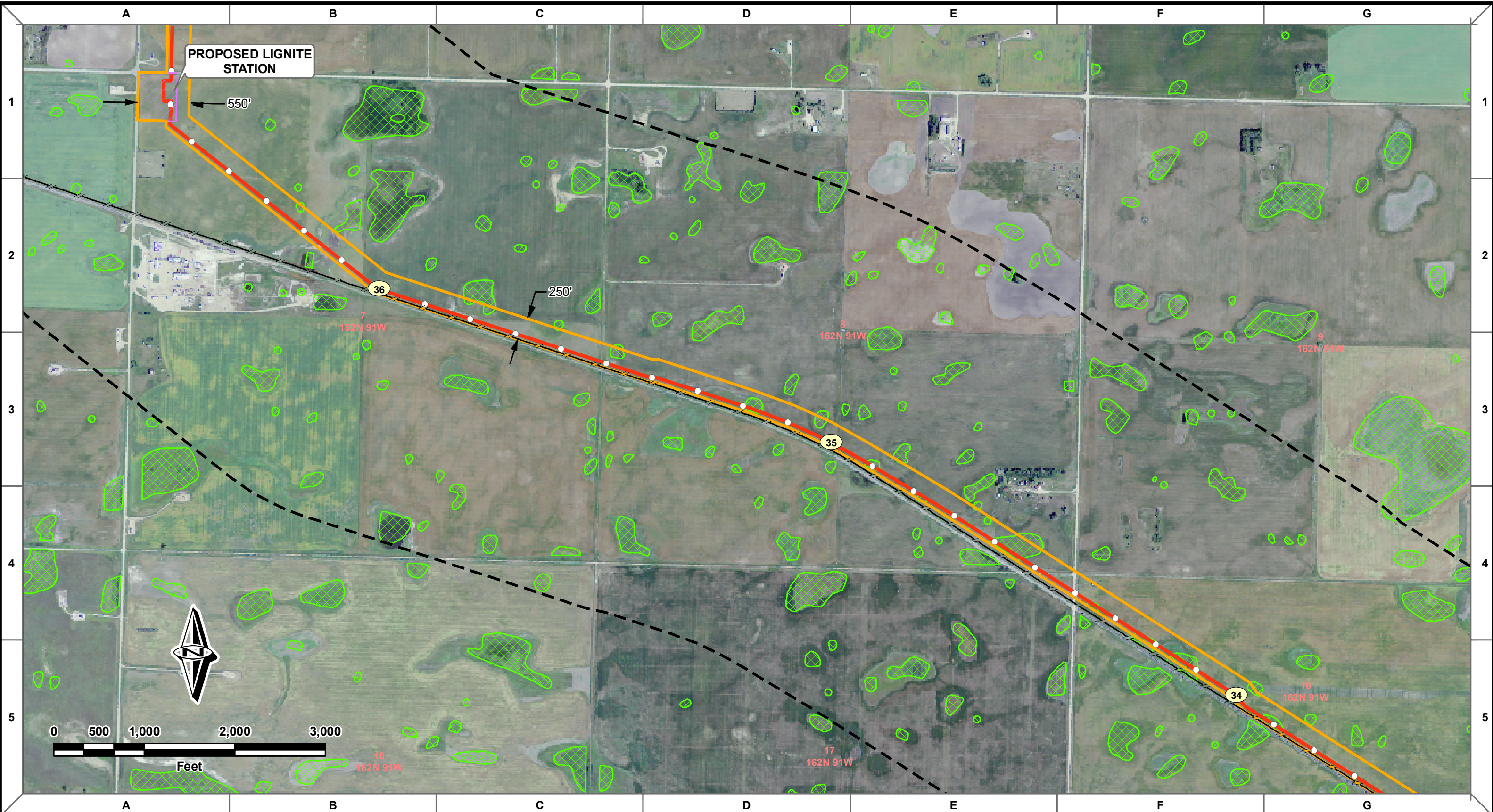
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BAKKEN PIPELINE PROJECT US
 ROUTE MAPS - ~11 MILE REPLACEMENT
 SHEET 3
 S31 T162N R90W to S34 T163N R92W

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

2716-M-01003



- Proposed 12" Line Replacement
- Environmental Corridor
- Existing Enbridge Pipelines
- Study Area
- Station
- NWI Wetlands
- Streams

MW	DS	DS	10/12/10	0					
DRAWN	CHECKED	APPROVED	DATE	REV NO.					DESCRIPTION

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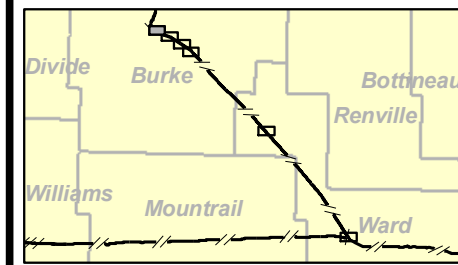
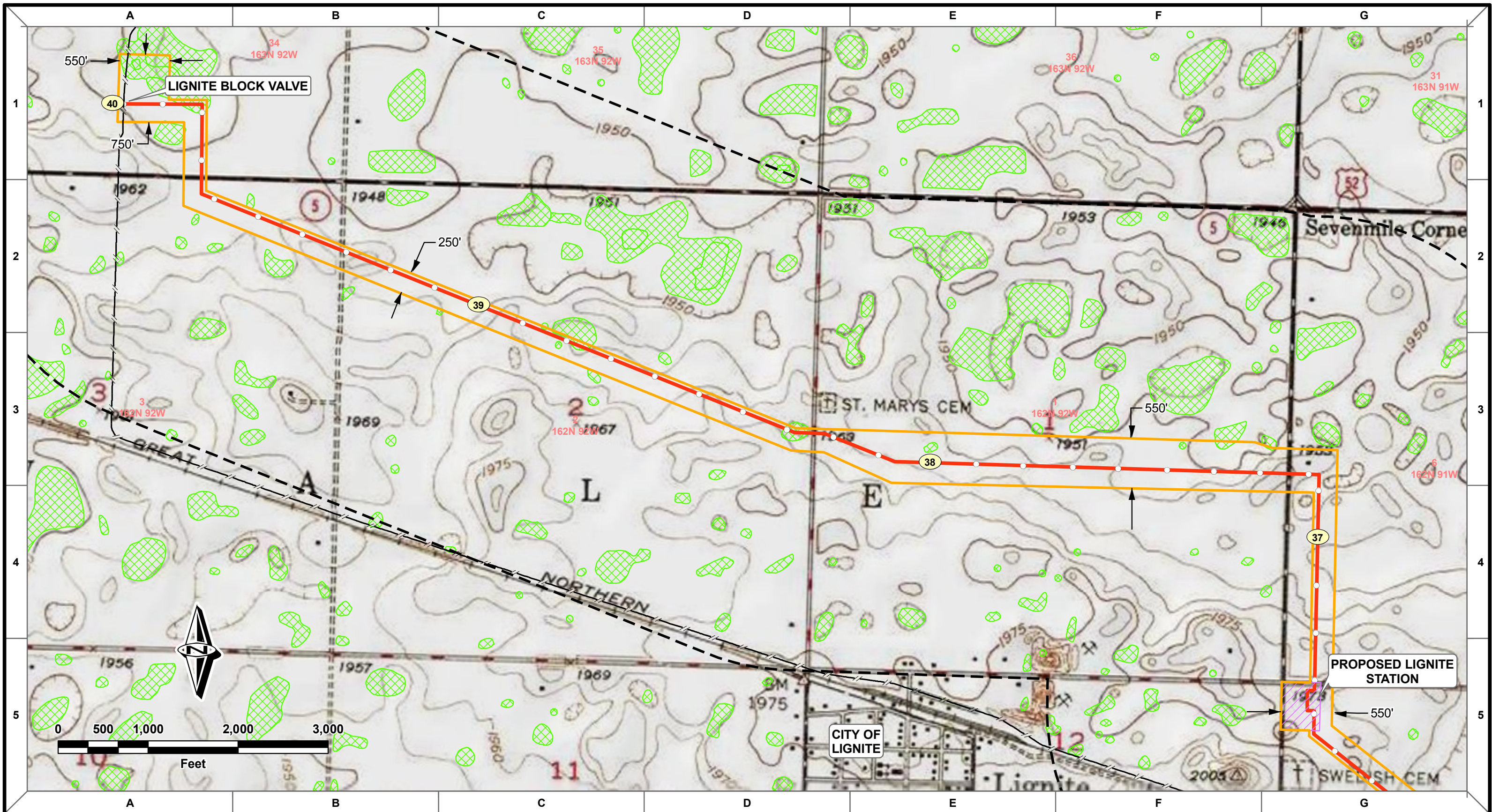
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

BAKKEN PIPELINE PROJECT US
ROUTE MAPS - ~11 MILE REPLACEMENT
SHEET 3

S31 T162N R90W to S34 T163N R92W

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

2716-M-01003



- Proposed 12" Line Replacement
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- Station
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- Streams

MW	DS	DS	10/12/10	0	ND-PSC FILING
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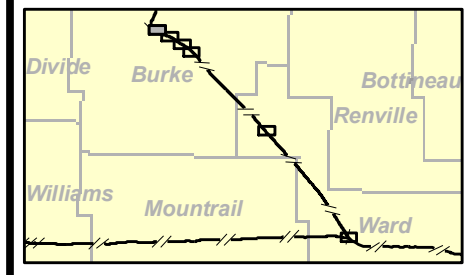
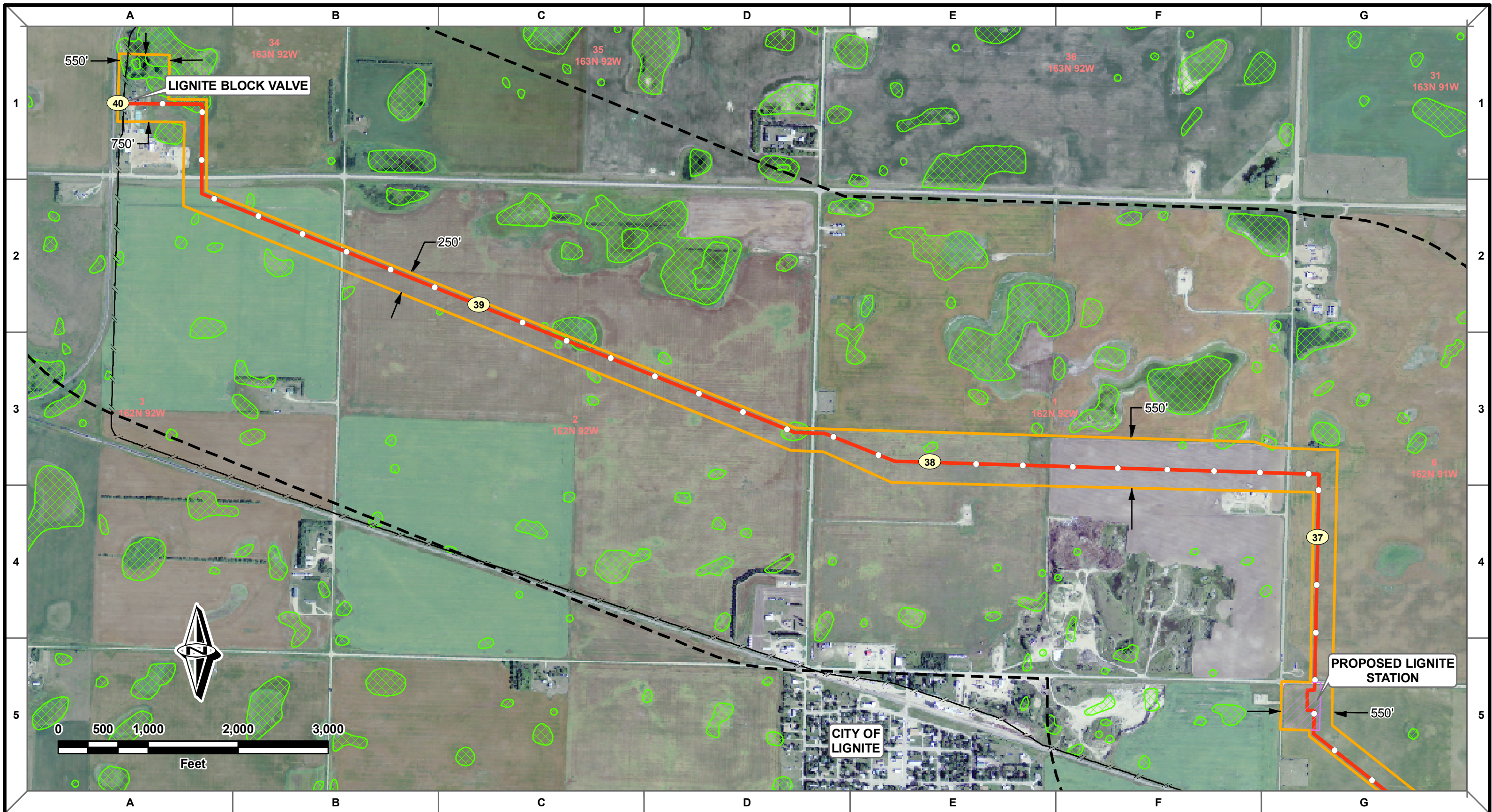
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

BAKKEN PIPELINE PROJECT US
ROUTE MAPS - ~11 MILE REPLACEMENT
SHEET 4

S31 T162N R90W to S34 T163N R92W

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

2716-M-01004



- Proposed 12" Line Replacement
- Environmental Corridor
- Existing Enbridge Pipelines
- Study Area
- Station
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- Streams

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

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BAKKEN PIPELINE PROJECT US

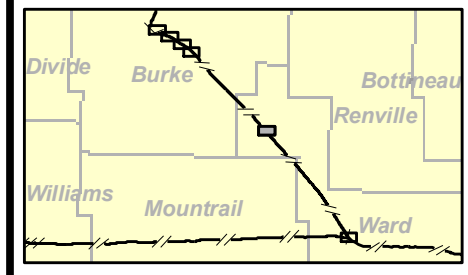
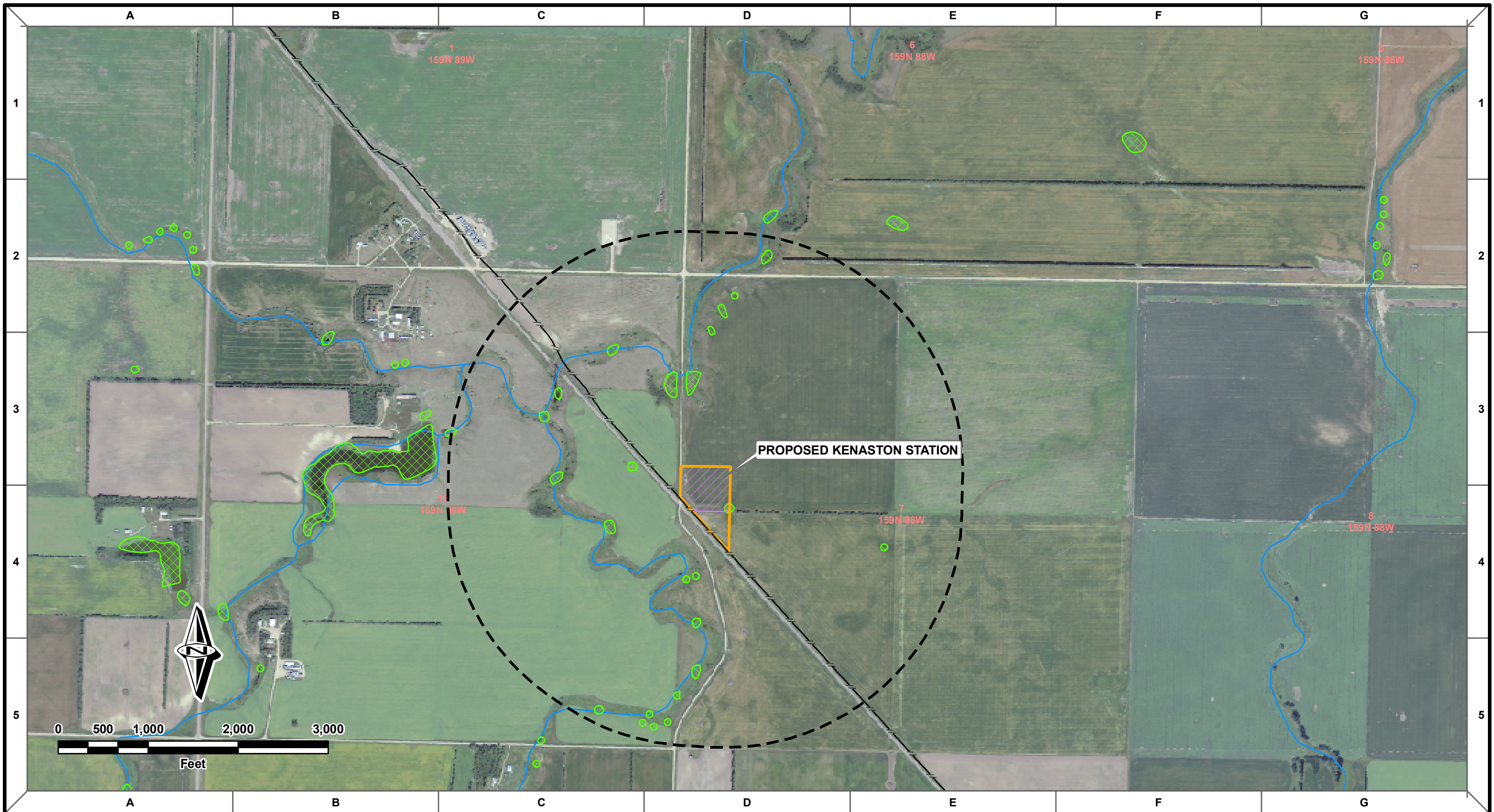
ROUTE MAPS - ~11 MILE REPLACEMENT

SHEET 4

S31 T162N R90W to S34 T163N R92W

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

2716-M-01004



- Proposed 12" Line Replacement
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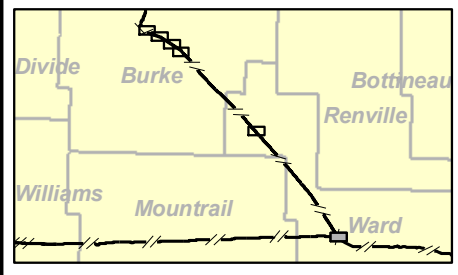
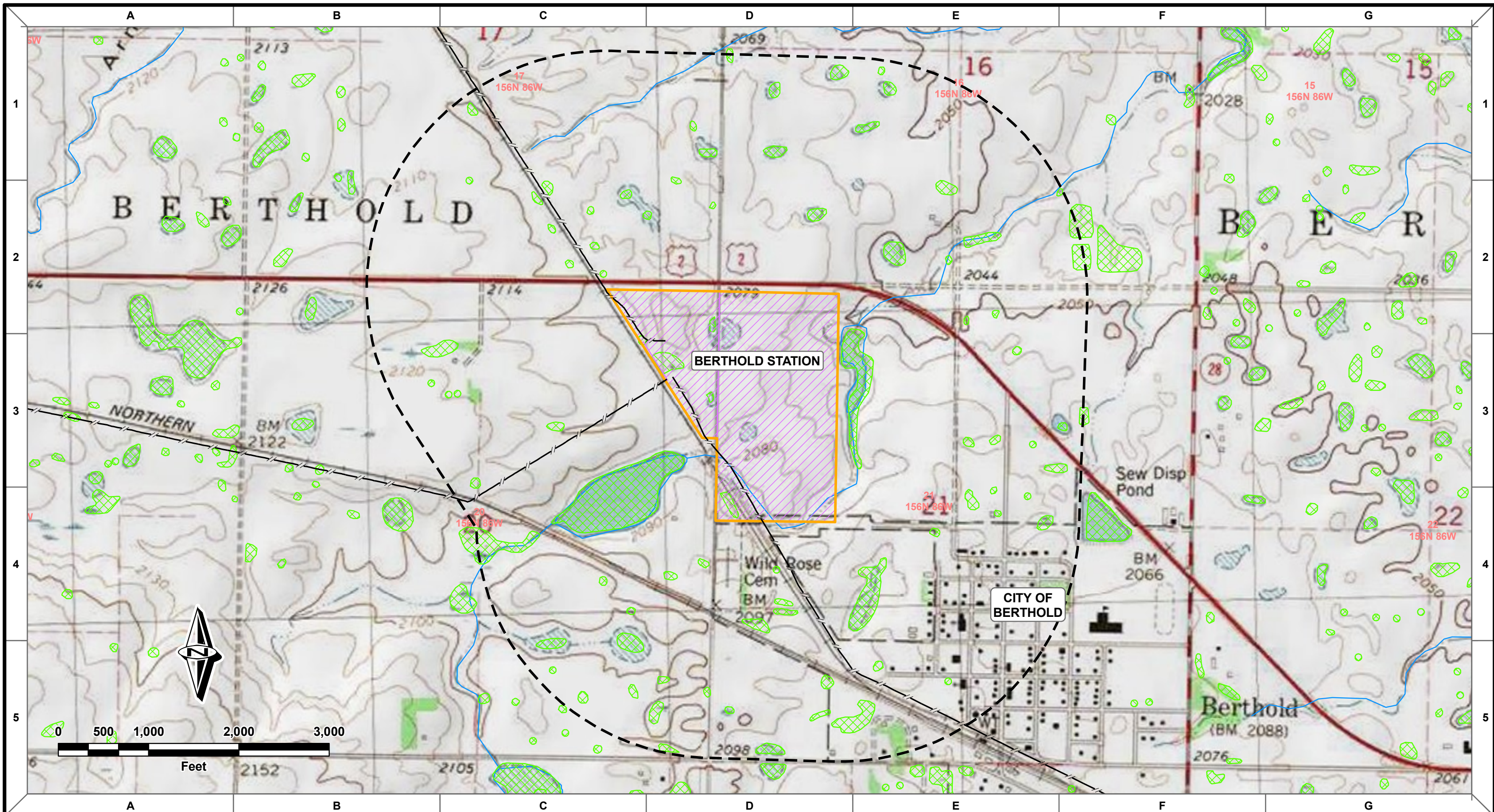
MW	DS	DS	10/12/10	0					ND-PSC FILING
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ENBRIDGE PIPELINES (NORTH DAKOTA) LLC
BAKKEN PIPELINE PROJECT US
ROUTE MAP - KENASTON STATION
SHEET 5
S7 T159N R88W

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

2716-M-01005



- Proposed 12" Line Replacement
- - - Existing Enbridge Pipelines
- Station
- Study Area
- NWI Wetlands
- Streams
- Environmental Corridor

MW	DS	DS	10/12/10	0	ND-PSC FILING
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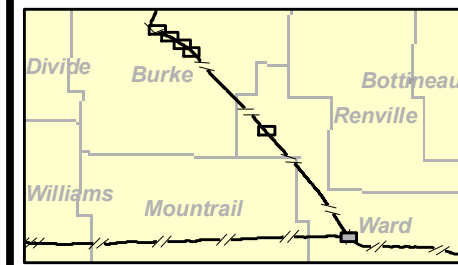
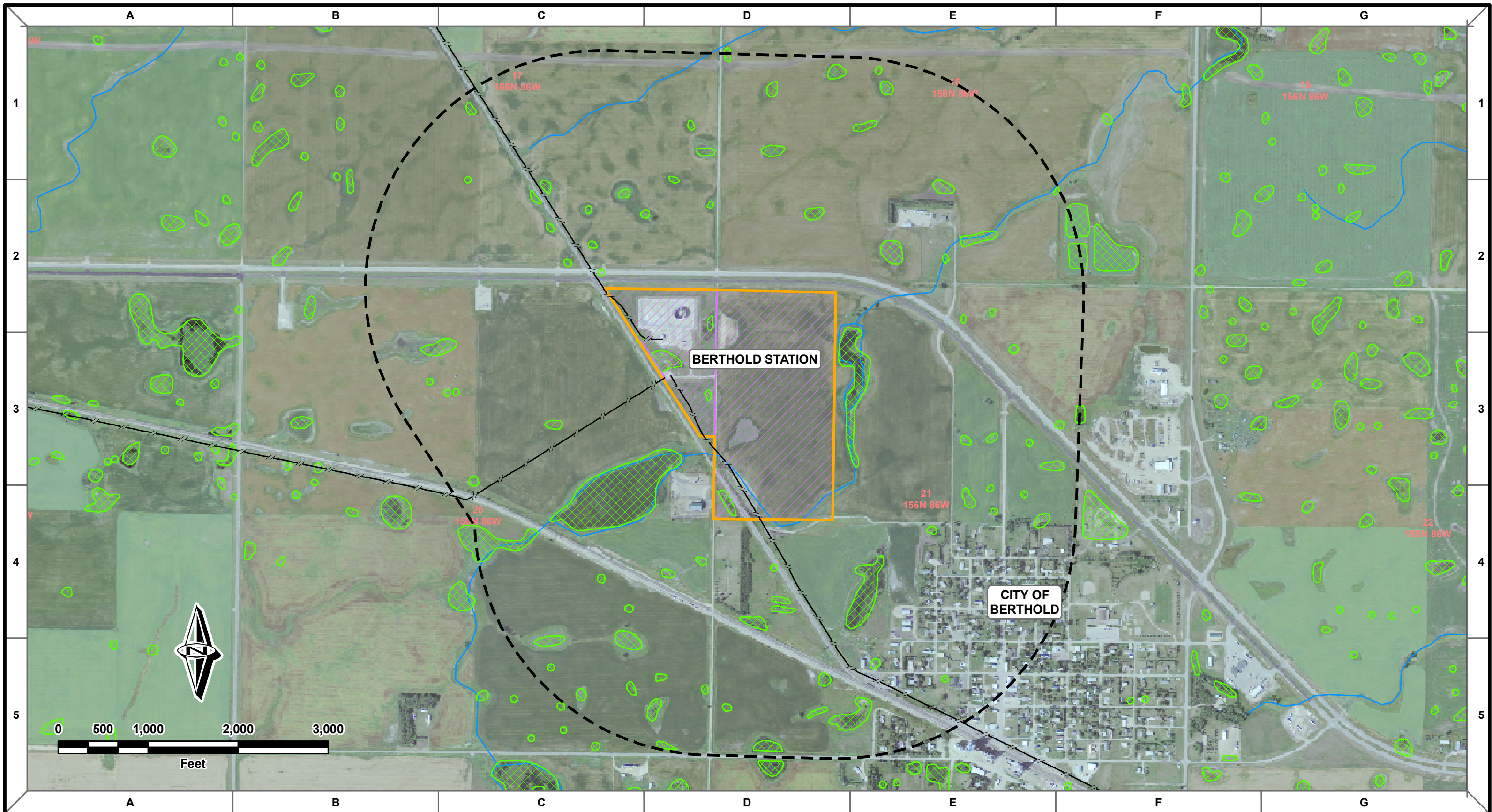
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ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

BAKKEN PIPELINE PROJECT US
ROUTE MAP - BERTHOLD STATION
SHEET 6
 S20&21 T156N R86W

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

2716-M-01006



- Proposed 12" Line Replacement
- Existing Enbridge Pipelines
- Environmental Corridor
- Study Area
- Station
- NWI Wetlands
- Streams

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

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ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

BAKKEN PIPELINE PROJECT US
 ROUTE MAP - BERTHOLD STATION
 SHEET 6
 S20&21 T156N R86W

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

2716-M-01006