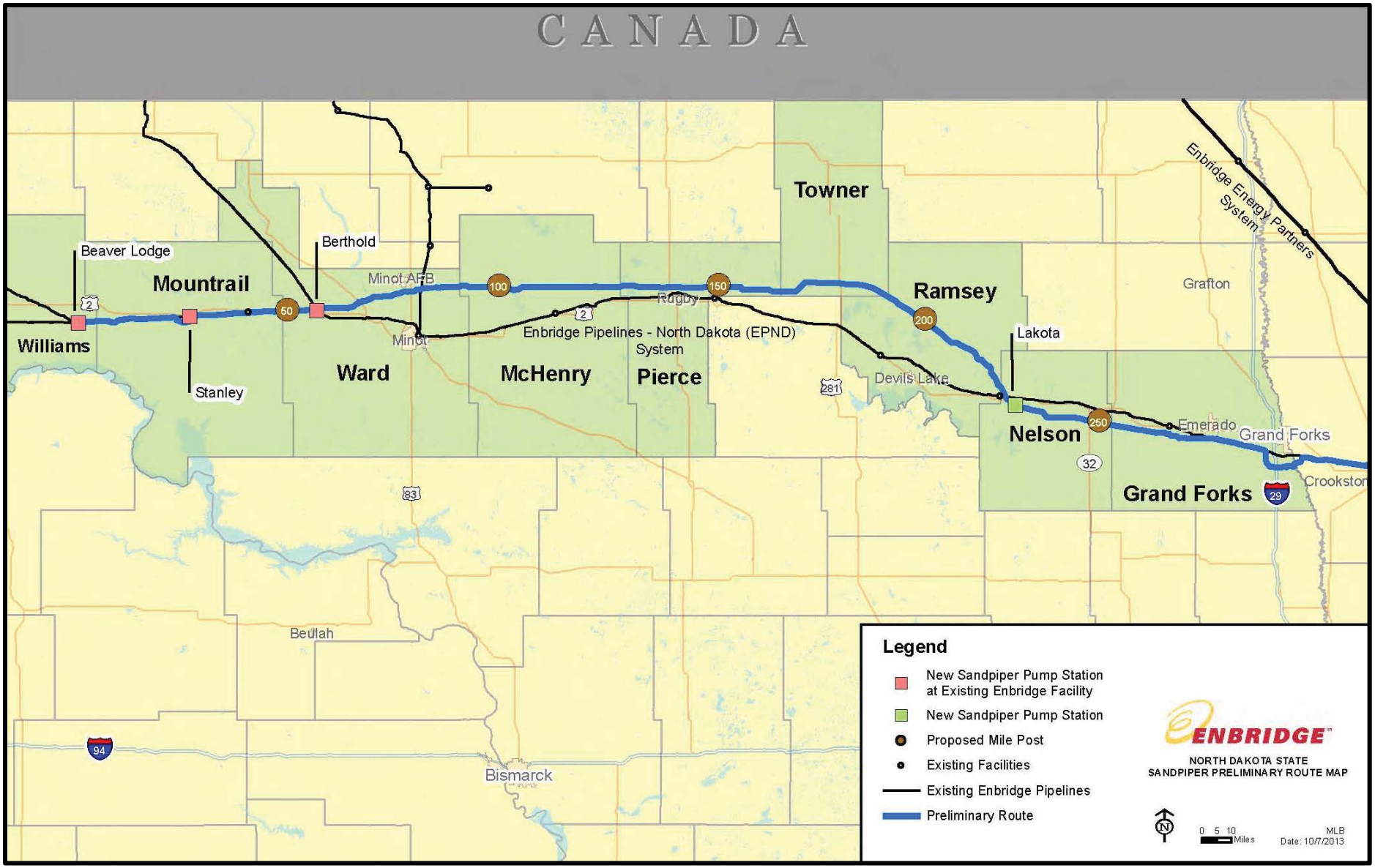
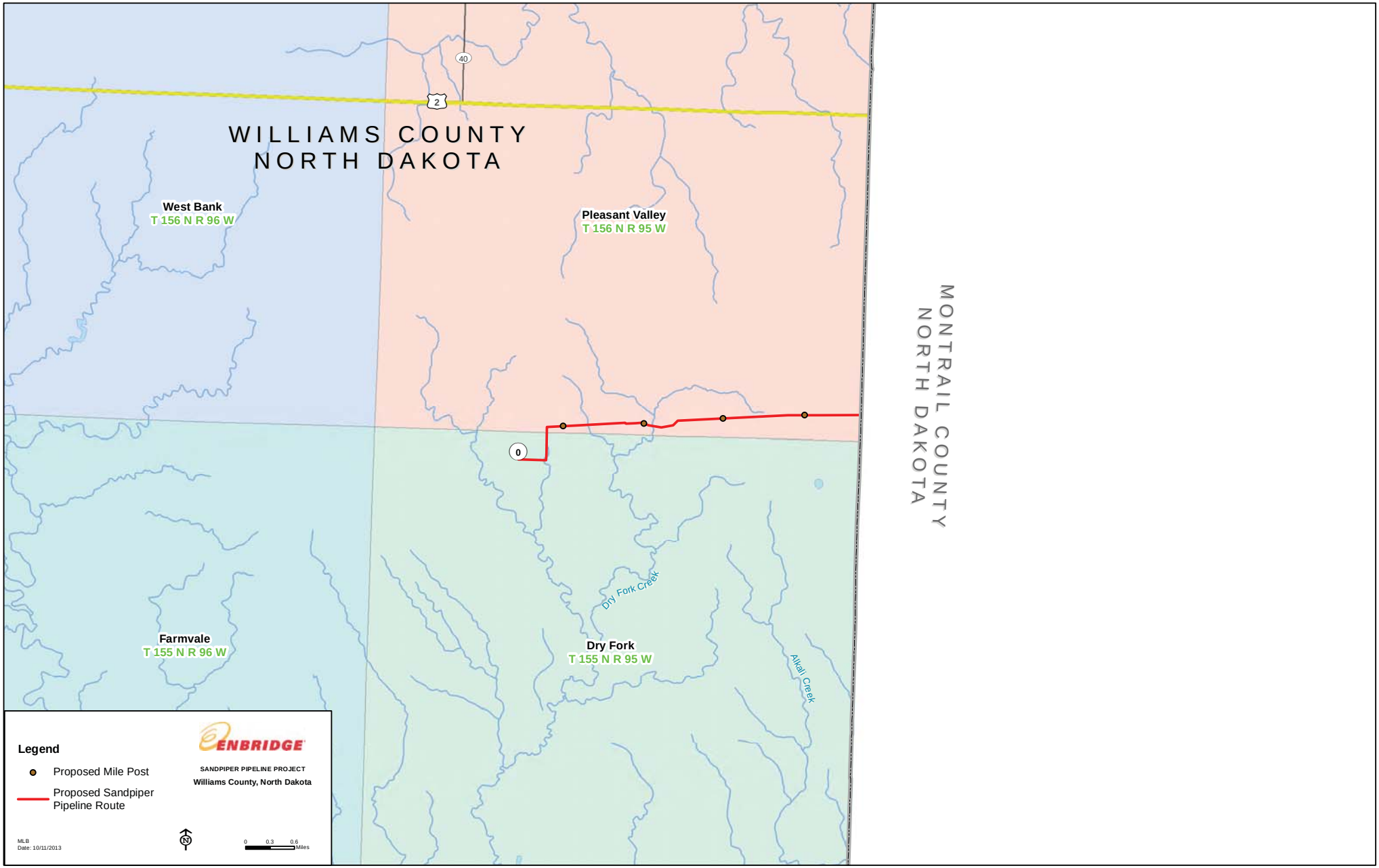
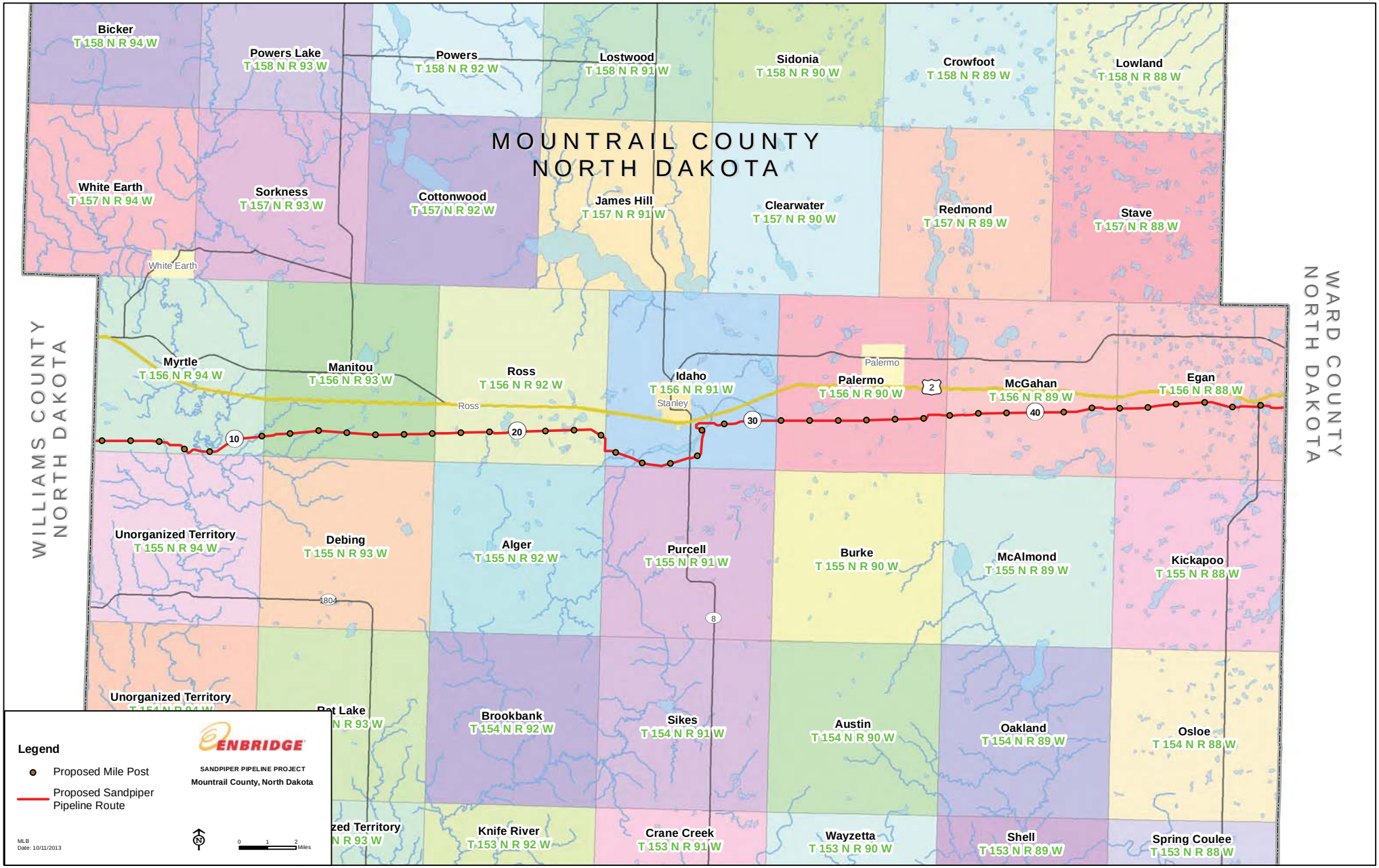
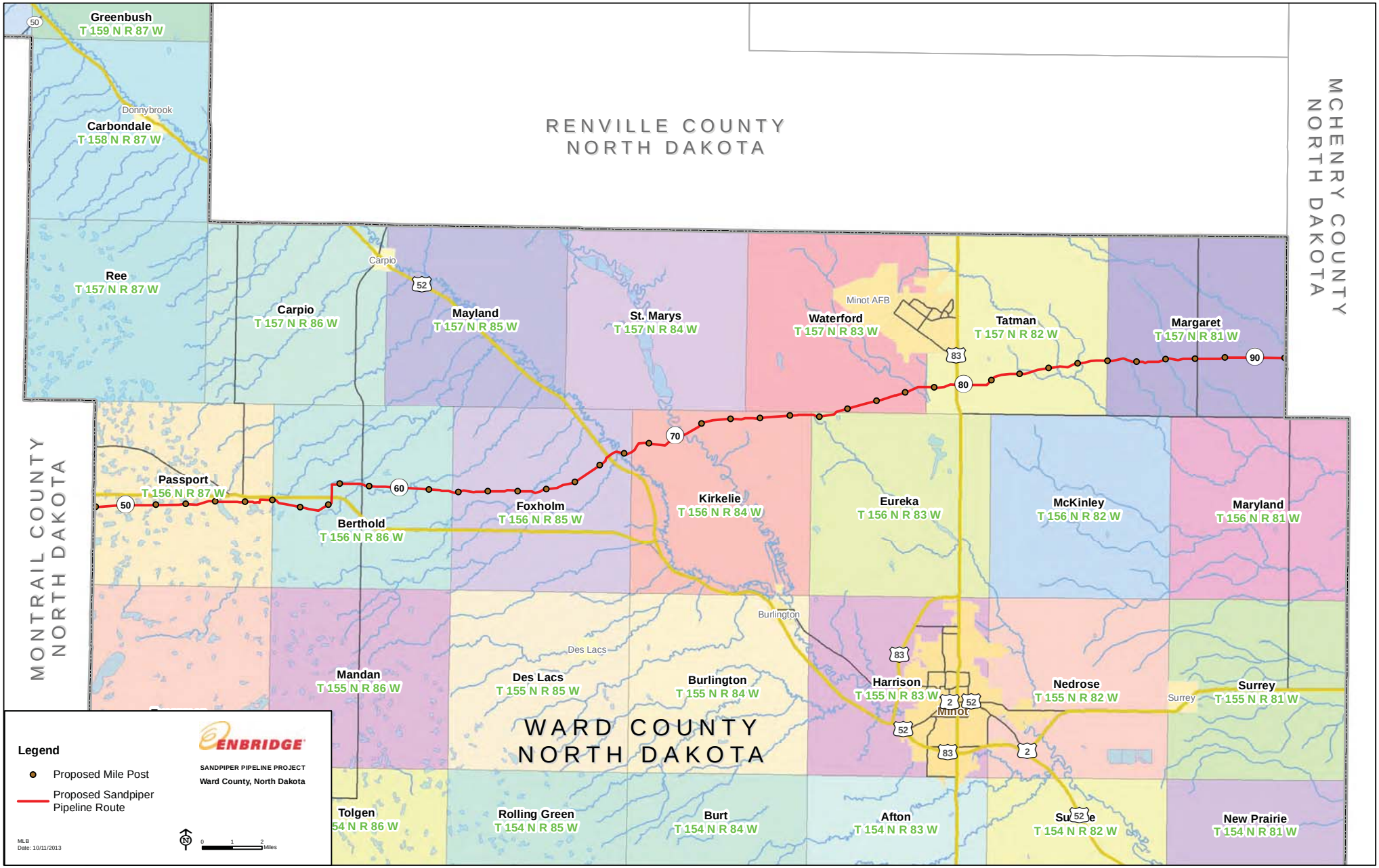
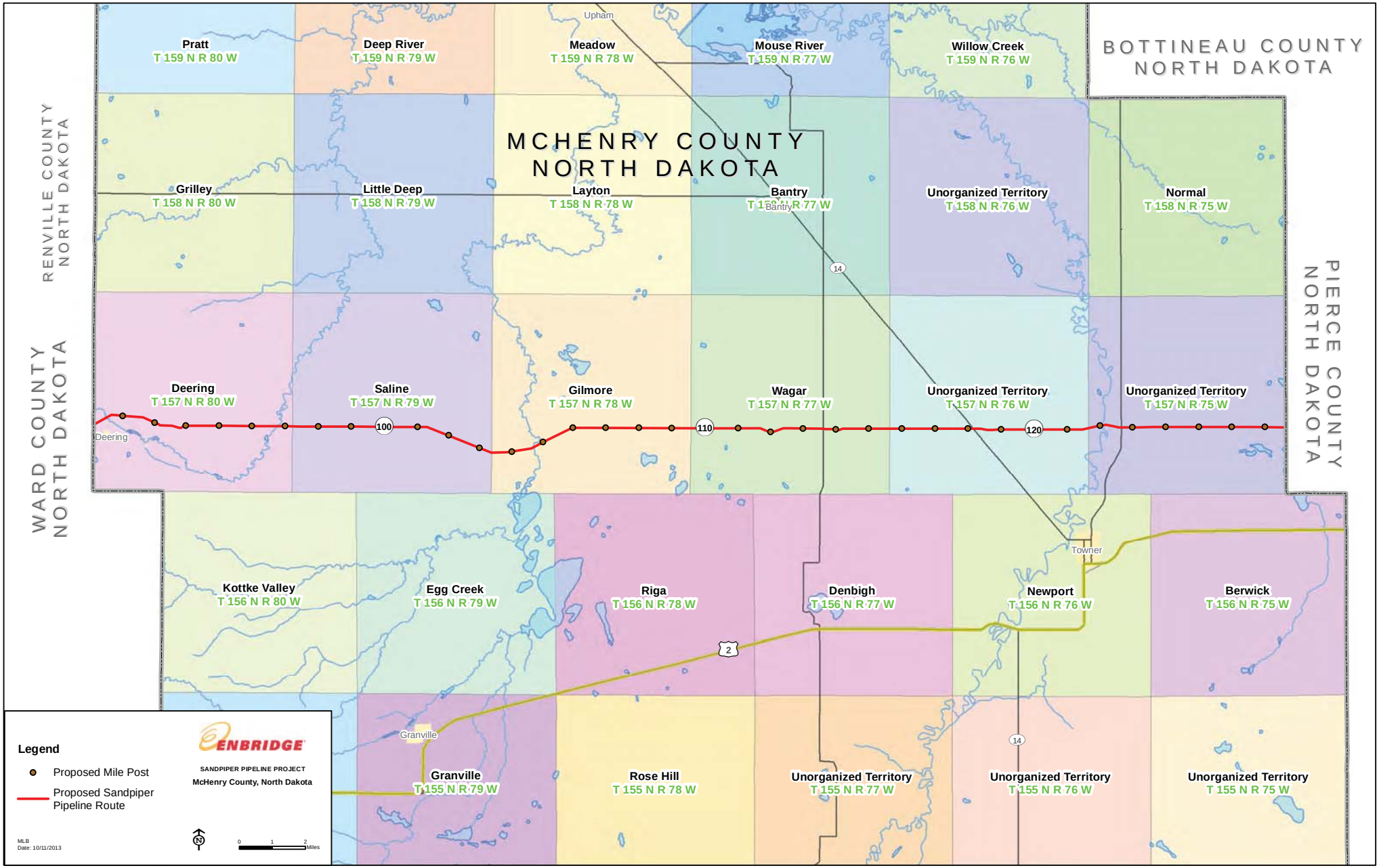
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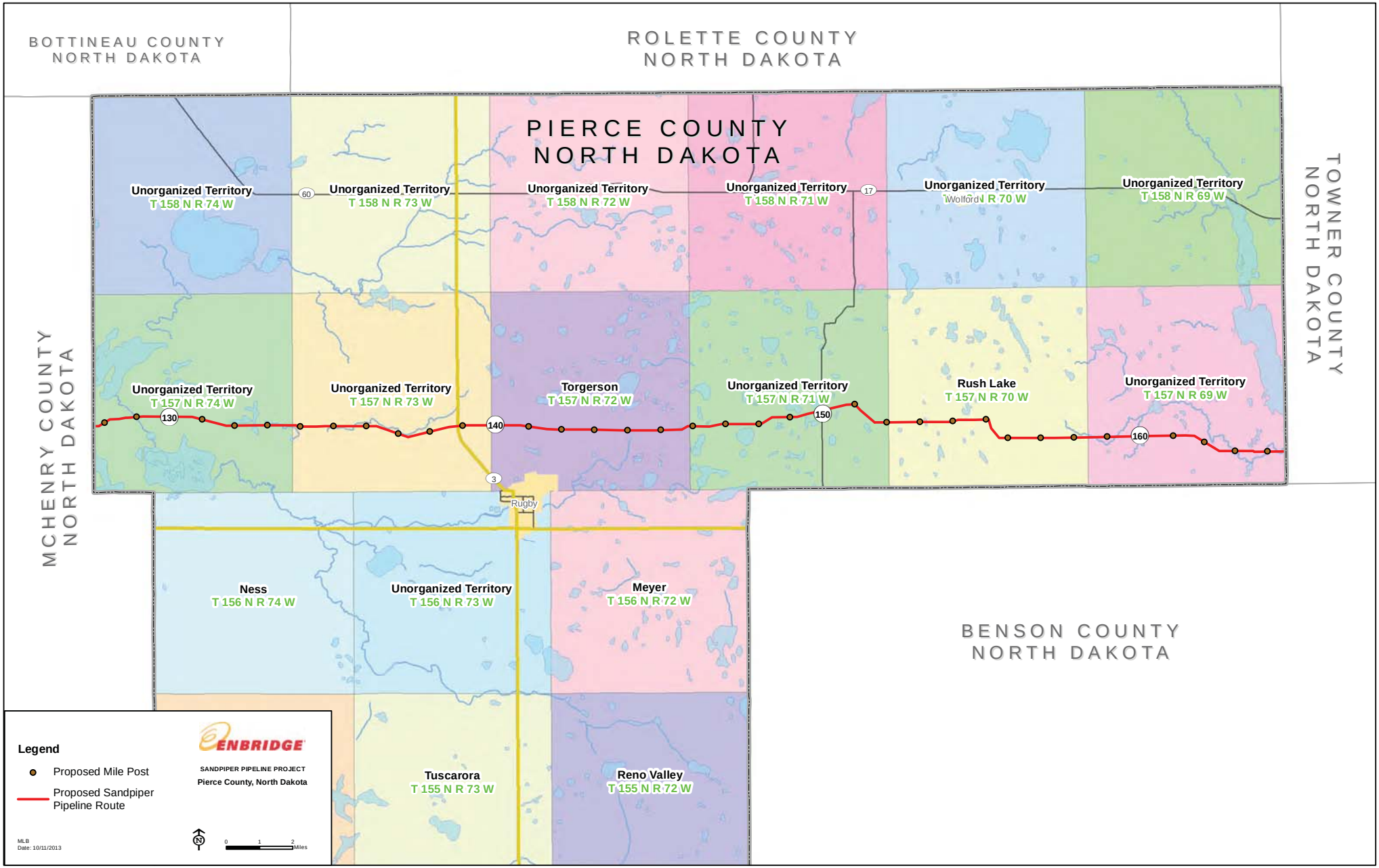

CANADA
Towner
Ramsey
Nelson
Grand Forks
Ward
McHenry
Pierce
Mountrail
Williams
Beaver Lodge
Berthold
Minot AFB
Minot
Rugby
Lakota
Devils Lake
Stanley
Grafton
Emerado
Grand Forks
Crookston
Beulah
Bismarck
Enbridge Pipelines - North Dakota (EPND) System
Enbridge Energy Partners System
Legend
New Sandpiper Pump Station at Existing Enbridge Facility
New Sandpiper Pump Station
Proposed Mile Post
Existing Facilities
Existing Enbridge Pipelines
Preliminary Route
ENBRIDGE
NORTH DAKOTA STATE
SANDPIPER PRELIMINARY ROUTE MAP
0 5 10
Miles
MLB
Date: 10/7/2013

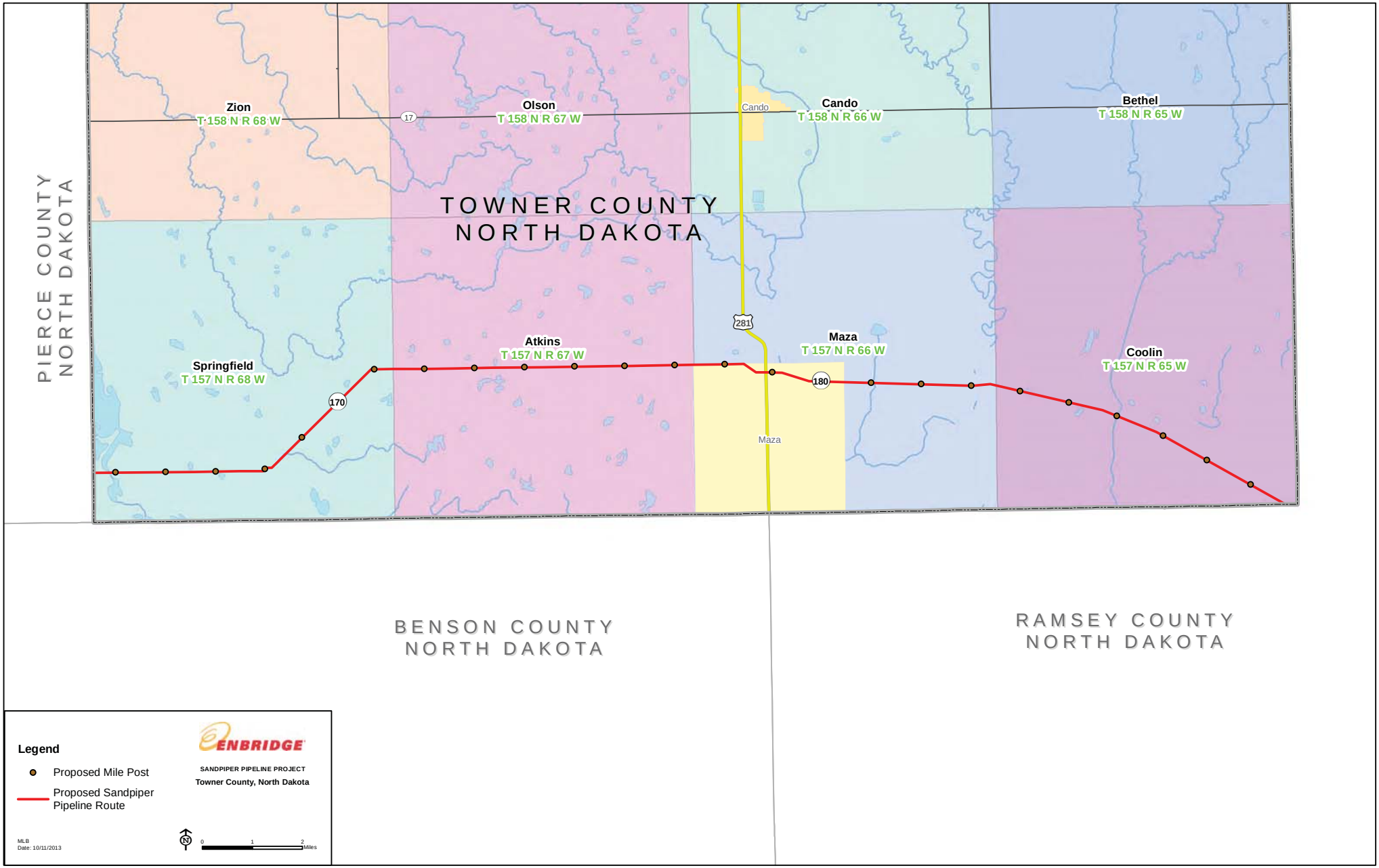

WILLIAMS COUNTY
NORTH DAKOTA
MONTRAIL COUNTY
NORTH DAKOTA
West Bank
T 156 N R 96 W
Pleasant Valley
T 156 N R 95 W
Farmvale
T 155 N R 96 W
Dry Fork
T 155 N R 95 W
Dry Fork Creek
Alkali Creek
40
2
0
Legend
Proposed Mile Post
Proposed Sandpiper Pipeline Route
ENBRIDGE
SANDPIPER PIPELINE PROJECT
Williams County, North Dakota
MLB
Date: 10/11/2013
0 0.3 0.6 Miles

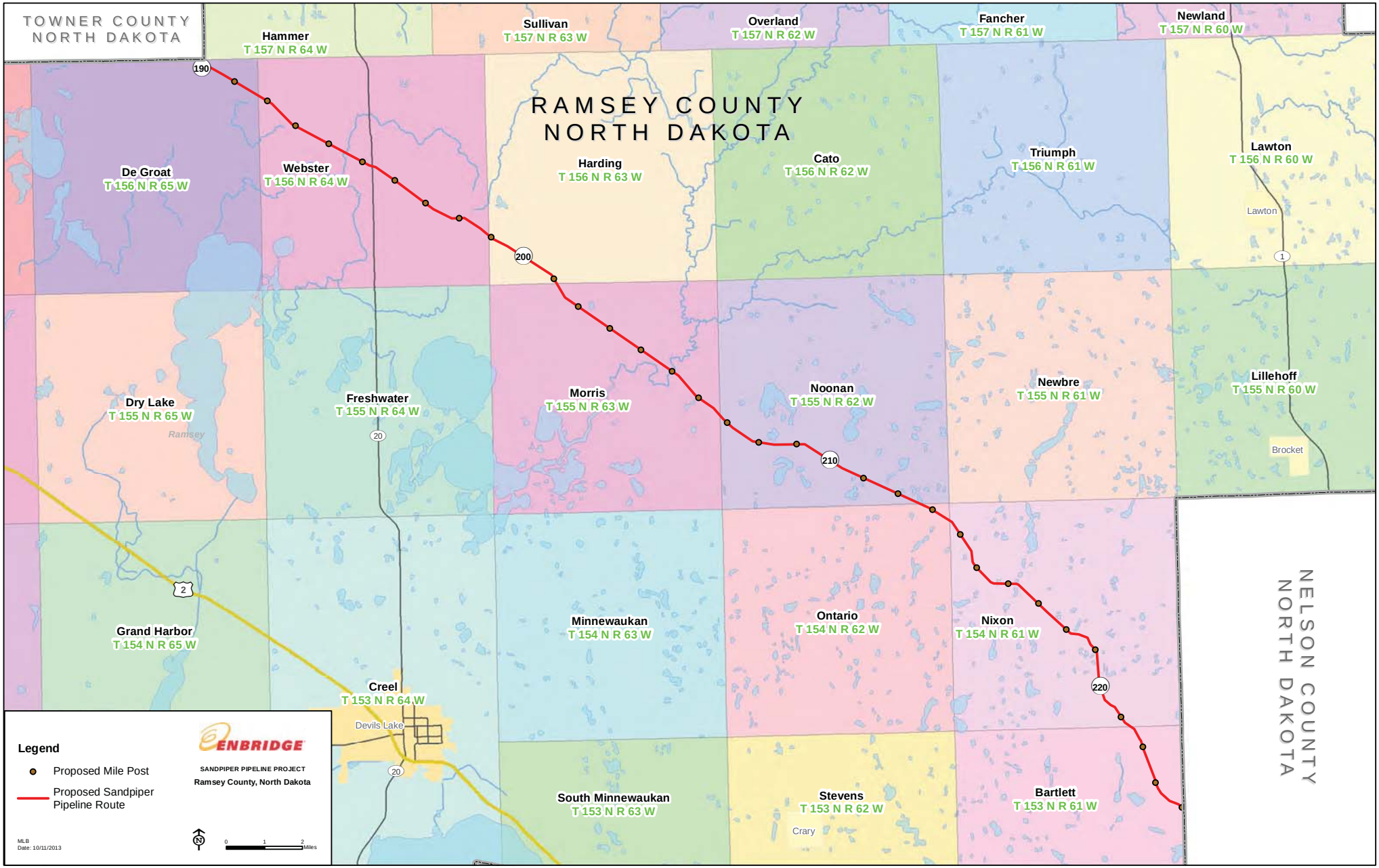

MOUNTRAIL COUNTY
NORTH DAKOTA
WILLIAMS COUNTY
NORTH DAKOTA
WARD COUNTY
NORTH DAKOTA
Bicker
T 158 N R 94 W
Powers Lake
T 158 N R 93 W
Powers
T 158 N R 92 W
Lostwood
T 158 N R 91 W
Sidonia
T 158 N R 90 W
Crowfoot
T 158 N R 89 W
Lowland
T 158 N R 88 W
White Earth
T 157 N R 94 W
Sorkness
T 157 N R 93 W
Cottonwood
T 157 N R 92 W
James Hill
T 157 N R 91 W
Clearwater
T 157 N R 90 W
Redmond
T 157 N R 89 W
Stave
T 157 N R 88 W
White Earth
Myrtle
T 156 N R 94 W
Manitou
T 156 N R 93 W
Ross
T 156 N R 92 W
Idaho
T 156 N R 91 W
Stanley
Palermo
Palermo
T 156 N R 90 W
McGahan
T 156 N R 89 W
Egan
T 156 N R 88 W
Ross
10
20
30
40
2
Unorganized Territory
T 155 N R 94 W
Debing
T 155 N R 93 W
Alger
T 155 N R 92 W
Purcell
T 155 N R 91 W
Burke
T 155 N R 90 W
McAlmond
T 155 N R 89 W
Kickapoo
T 155 N R 88 W
1804
8
Unorganized Territory
Pat Lake
Brookbank
T 154 N R 92 W
Sikes
T 154 N R 91 W
Austin
T 154 N R 90 W
Oakland
T 154 N R 89 W
Osloe
T 154 N R 88 W
Knife River
T 153 N R 92 W
Crane Creek
T 153 N R 91 W
Wayzetta
T 153 N R 90 W
Shell
T 153 N R 89 W
Spring Coulee
T 153 N R 88 W
Legend
Proposed Mile Post
Proposed Sandpiper Pipeline Route
ENBRIDGE
SANDPIPER PIPELINE PROJECT
Mountrail County, North Dakota
MLB
Date: 10/11/2013
0 1 2 Miles

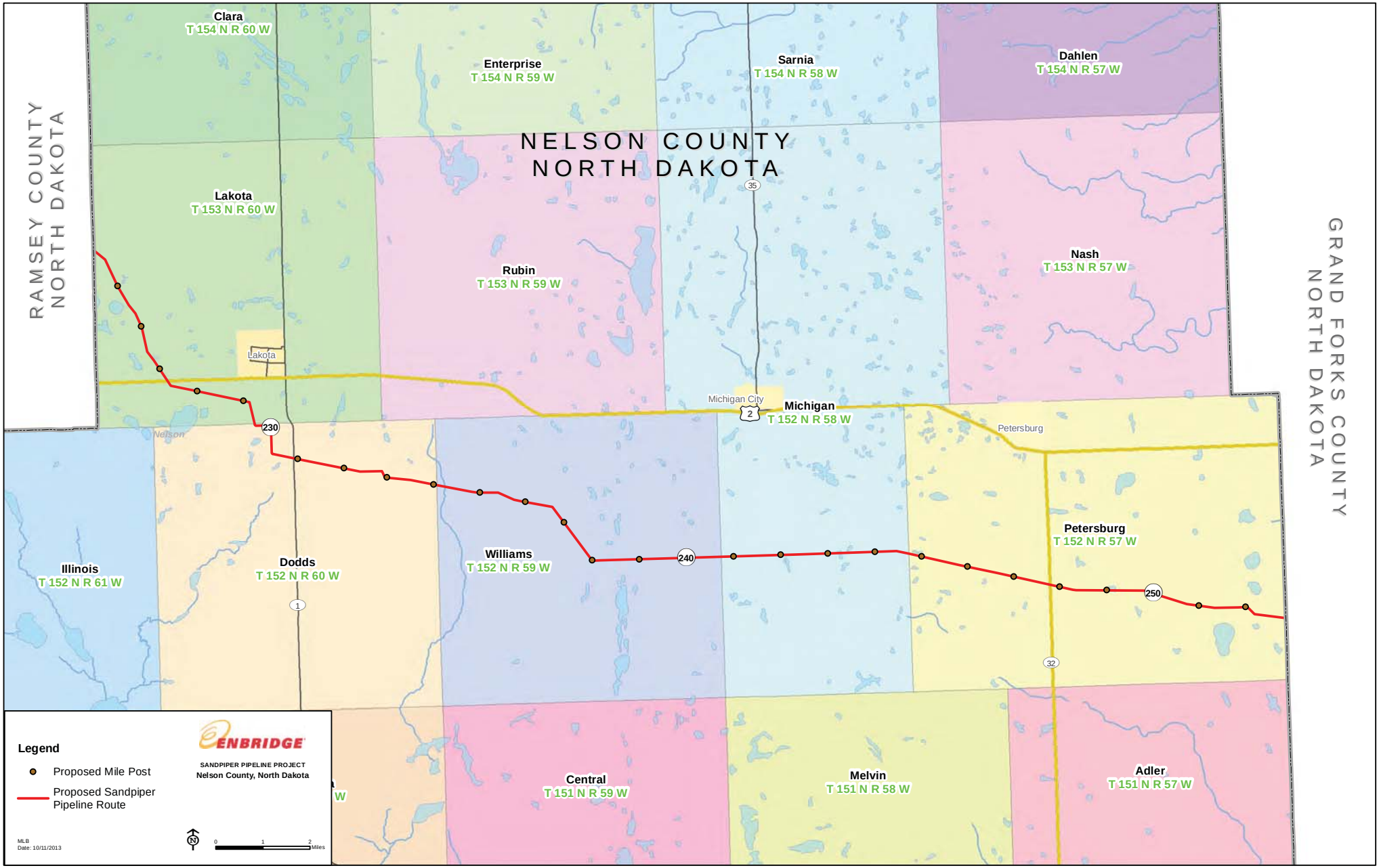

Greenbush
T 159 N R 87 W
Donnybrook
Carbondale
T 158 N R 87 W
RENVILLE COUNTY
NORTH DAKOTA
MCHENRY COUNTY
NORTH DAKOTA
Carpio
Ree
T 157 N R 87 W
Carpio
T 157 N R 86 W
Mayland
T 157 N R 85 W
St. Marys
T 157 N R 84 W
Minot AFB
Waterford
T 157 N R 83 W
Tatman
T 157 N R 82 W
Margaret
T 157 N R 81 W
MONTRAIL COUNTY
NORTH DAKOTA
Passport
T 156 N R 87 W
Berthold
T 156 N R 86 W
Foxholm
T 156 N R 85 W
Kirkelie
T 156 N R 84 W
Eureka
T 156 N R 83 W
McKinley
T 156 N R 82 W
Maryland
T 156 N R 81 W
Burlington
Des Lacs
Mandan
T 155 N R 86 W
Des Lacs
T 155 N R 85 W
Burlington
T 155 N R 84 W
Harrison
T 155 N R 83 W
Minot
Nedrose
T 155 N R 82 W
Surrey
Surrey
T 155 N R 81 W
WARD COUNTY
NORTH DAKOTA
Tolgen
54 N R 86 W
Rolling Green
T 154 N R 85 W
Burt
T 154 N R 84 W
Afton
T 154 N R 83 W
Su e
T 154 N R 82 W
New Prairie
T 154 N R 81 W
Legend
Proposed Mile Post
Proposed Sandpiper
Pipeline Route
ENBRIDGE
SANDPIPER PIPELINE PROJECT
Ward County, North Dakota
MLB
Date: 10/11/2013
0 1 2
Miles

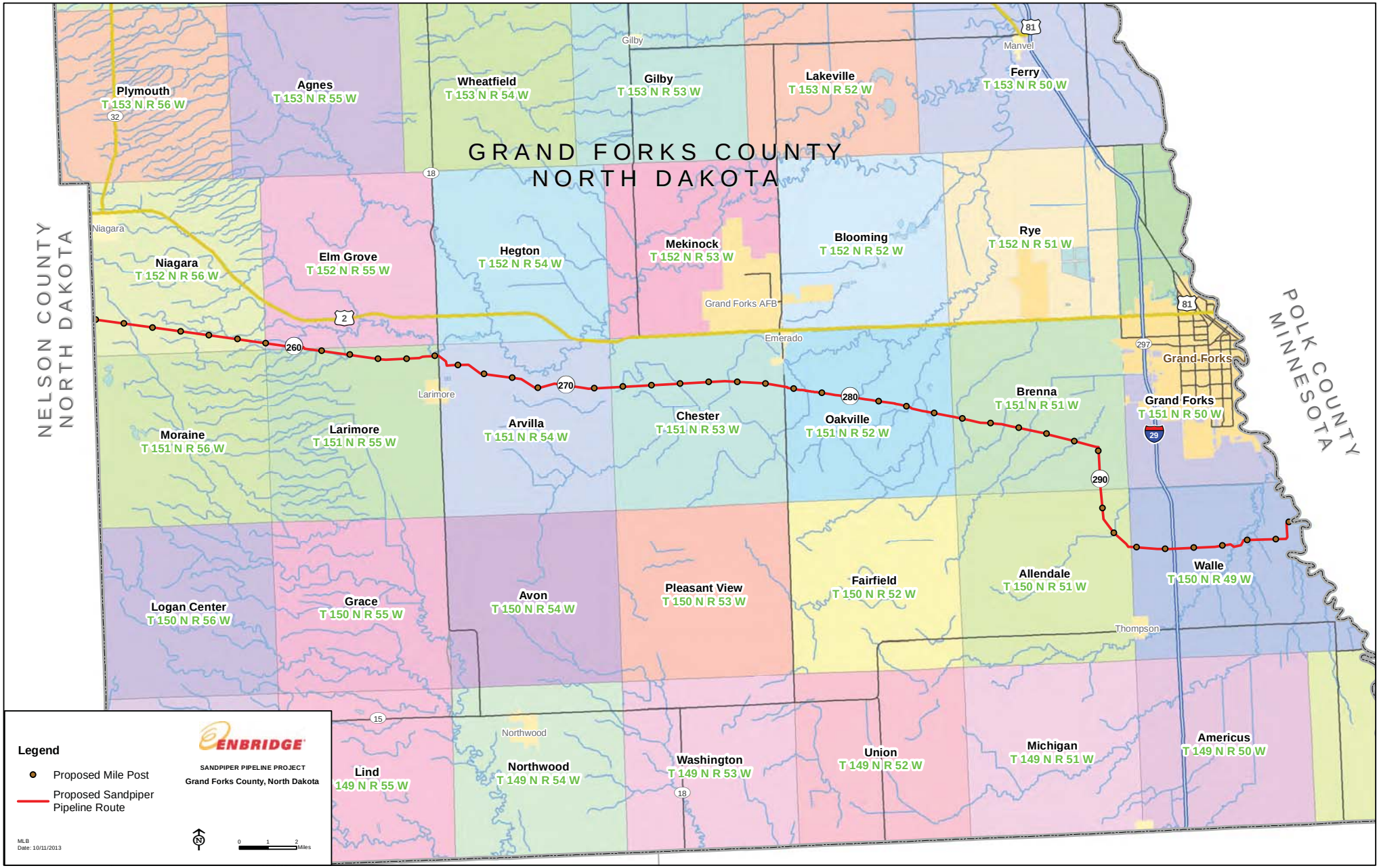

MCHENRY COUNTY
NORTH DAKOTA
BOTTINEAU COUNTY
NORTH DAKOTA
RENVILLE COUNTY
NORTH DAKOTA
WARD COUNTY
NORTH DAKOTA
PIERCE COUNTY
NORTH DAKOTA
Pratt
T 159 N R 80 W
Deep River
T 159 N R 79 W
Meadow
T 159 N R 78 W
Mouse River
T 159 N R 77 W
Willow Creek
T 159 N R 76 W
Grilley
T 158 N R 80 W
Little Deep
T 158 N R 79 W
Layton
T 158 N R 78 W
Bantry
T 158 N R 77 W
Unorganized Territory
T 158 N R 76 W
Normal
T 158 N R 75 W
Deering
T 157 N R 80 W
Saline
T 157 N R 79 W
Gilmore
T 157 N R 78 W
Wagar
T 157 N R 77 W
Unorganized Territory
T 157 N R 76 W
Unorganized Territory
T 157 N R 75 W
Kottke Valley
T 156 N R 80 W
Egg Creek
T 156 N R 79 W
Riga
T 156 N R 78 W
Denbigh
T 156 N R 77 W
Newport
T 156 N R 76 W
Berwick
T 156 N R 75 W
Granville
T 155 N R 79 W
Rose Hill
T 155 N R 78 W
Unorganized Territory
T 155 N R 77 W
Unorganized Territory
T 155 N R 76 W
Unorganized Territory
T 155 N R 75 W
Upham
Bantry
Deering
Towner
Granville
100
110
120
14
2
Legend
Proposed Mile Post
Proposed Sandpiper Pipeline Route
ENBRIDGE
SANDPIPER PIPELINE PROJECT
McHenry County, North Dakota
MLB
Date: 10/11/2013
0
1
2
Miles

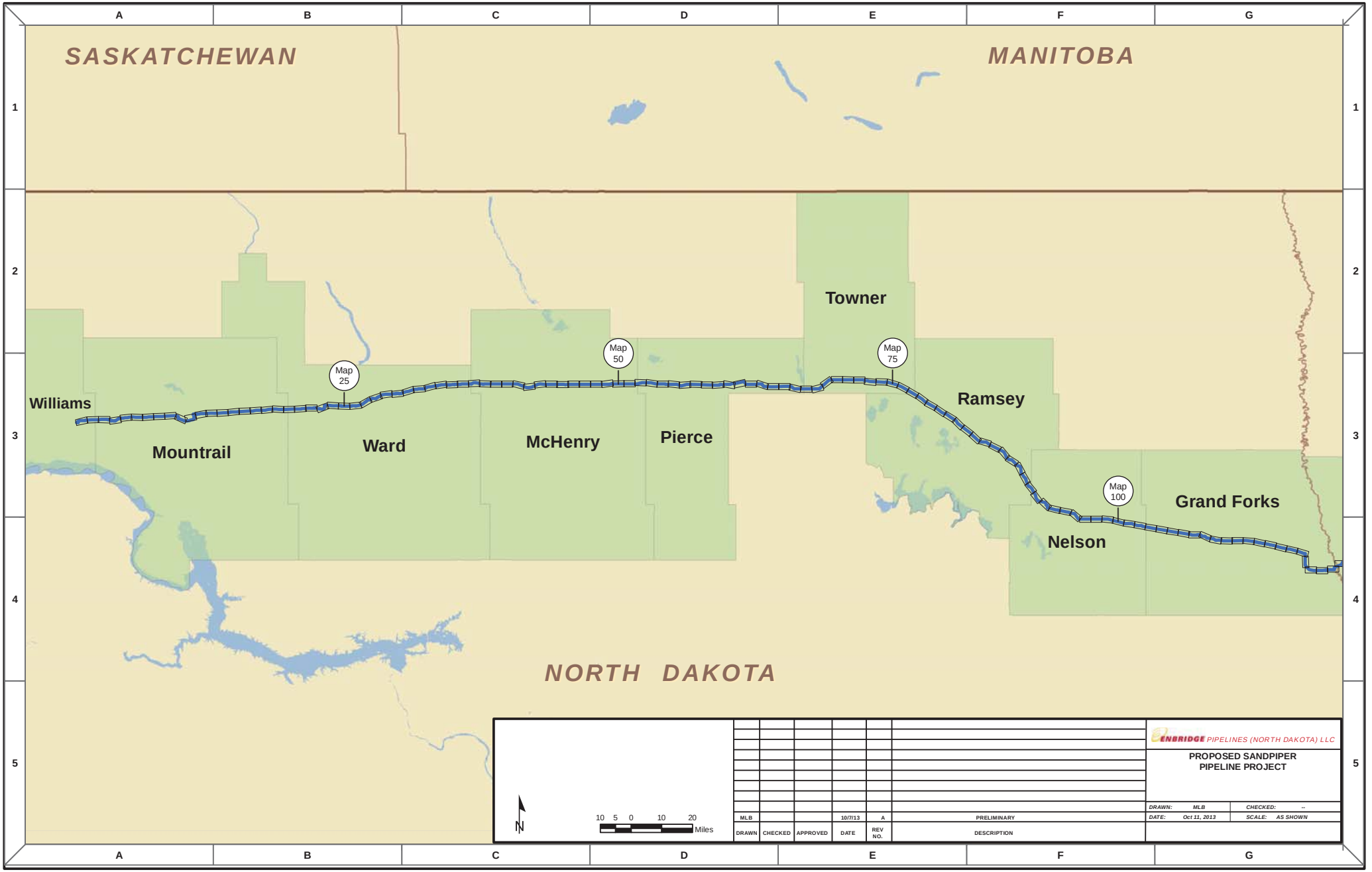

BOTTINEAU COUNTY
NORTH DAKOTA
ROLETTE COUNTY
NORTH DAKOTA
PIERCE COUNTY
NORTH DAKOTA
TOWNER COUNTY
NORTH DAKOTA
MCHENRY COUNTY
NORTH DAKOTA
BENSON COUNTY
NORTH DAKOTA
Unorganized Territory
T 158 N R 74 W
Unorganized Territory
T 158 N R 73 W
Unorganized Territory
T 158 N R 72 W
Unorganized Territory
T 158 N R 71 W
Unorganized Territory
Wolford N R 70 W
Unorganized Territory
T 158 N R 69 W
Unorganized Territory
T 157 N R 74 W
Unorganized Territory
T 157 N R 73 W
Torgerson
T 157 N R 72 W
Unorganized Territory
T 157 N R 71 W
Rush Lake
T 157 N R 70 W
Unorganized Territory
T 157 N R 69 W
Rugby
Ness
T 156 N R 74 W
Unorganized Territory
T 156 N R 73 W
Meyer
T 156 N R 72 W
Tuscarora
T 155 N R 73 W
Reno Valley
T 155 N R 72 W
60
17
130
140
150
160
3
Legend
Proposed Mile Post
Proposed Sandpiper Pipeline Route
ENBRIDGE
SANDPIPER PIPELINE PROJECT
Pierce County, North Dakota
MLB
Date: 10/11/2013
0
1
2
Miles

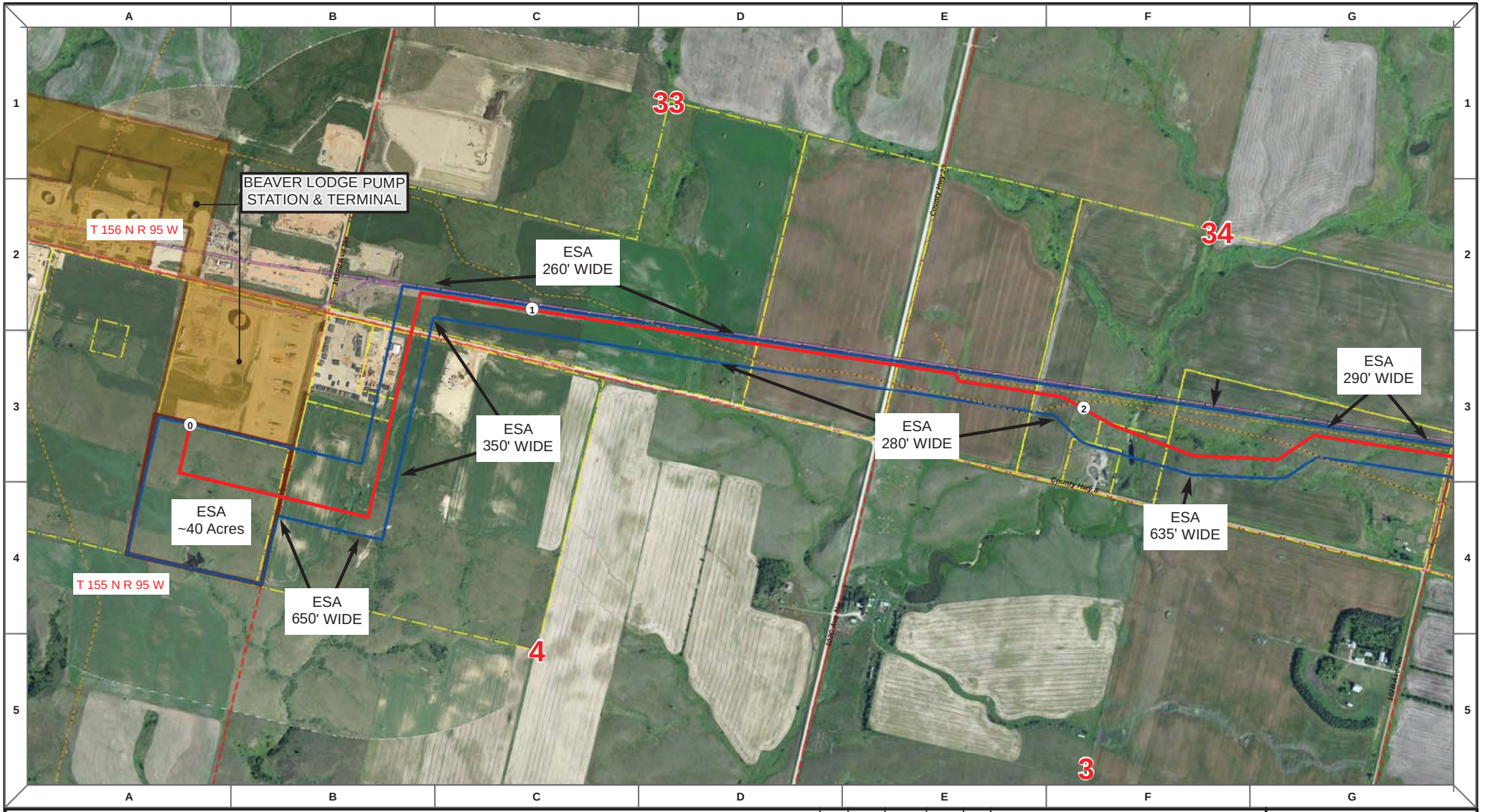

PIERCE COUNTY
NORTH DAKOTA
TOWNER COUNTY
NORTH DAKOTA
Zion
T 158 N R 68 W
Olson
T 158 N R 67 W
Cando
T 158 N R 66 W
Bethel
T 158 N R 65 W
Cando
17
281
180
170
Springfield
T 157 N R 68 W
Atkins
T 157 N R 67 W
Maza
T 157 N R 66 W
Coolin
T 157 N R 65 W
Maza
BENSON COUNTY
NORTH DAKOTA
RAMSEY COUNTY
NORTH DAKOTA
Legend
Proposed Mile Post
Proposed Sandpiper Pipeline Route
ENBRIDGE
SANDPIPER PIPELINE PROJECT
Towner County, North Dakota
MLB
Date: 10/11/2013
N
0
1
2
Miles


TOWNER COUNTY
NORTH DAKOTA
Hammer
T 157 N R 64 W
Sullivan
T 157 N R 63 W
Overland
T 157 N R 62 W
Fancher
T 157 N R 61 W
Newland
T 157 N R 60 W
RAMSEY COUNTY
NORTH DAKOTA
190
De Groat
T 156 N R 65 W
Webster
T 156 N R 64 W
Harding
T 156 N R 63 W
Cato
T 156 N R 62 W
Triumph
T 156 N R 61 W
Lawton
T 156 N R 60 W
Lawton
1
200
Dry Lake
T 155 N R 65 W
Ramsey
Freshwater
T 155 N R 64 W
20
Morris
T 155 N R 63 W
Noonan
T 155 N R 62 W
Newbre
T 155 N R 61 W
Lillehoff
T 155 N R 60 W
Brocket
210
2
Grand Harbor
T 154 N R 65 W
Minnewaukan
T 154 N R 63 W
Ontario
T 154 N R 62 W
Nixon
T 154 N R 61 W
220
Creel
T 153 N R 64 W
Devils Lake
20
South Minnewaukan
T 153 N R 63 W
Stevens
T 153 N R 62 W
Crary
Bartlett
T 153 N R 61 W
NELSON COUNTY
NORTH DAKOTA
Legend
Proposed Mile Post
Proposed Sandpiper Pipeline Route
ENBRIDGE
SANDPIPER PIPELINE PROJECT
Ramsey County, North Dakota
MLB
Date: 10/11/2013
N
0
1
2
Miles


RAMSEY COUNTY
NORTH DAKOTA
NELSON COUNTY
NORTH DAKOTA
GRAND FORKS COUNTY
NORTH DAKOTA
Clara
T 154 N R 60 W
Enterprise
T 154 N R 59 W
Sarnia
T 154 N R 58 W
Dahlen
T 154 N R 57 W
Lakota
T 153 N R 60 W
Rubin
T 153 N R 59 W
Nash
T 153 N R 57 W
Lakota
Michigan City
Michigan
T 152 N R 58 W
Nelson
Petersburg
Illinois
T 152 N R 61 W
Dodds
T 152 N R 60 W
Williams
T 152 N R 59 W
Petersburg
T 152 N R 57 W
Central
T 151 N R 59 W
Melvin
T 151 N R 58 W
Adler
T 151 N R 57 W
35
2
230
240
250
1
32
Legend
Proposed Mile Post
Proposed Sandpiper Pipeline Route
ENBRIDGE
SANDPIPER PIPELINE PROJECT
Nelson County, North Dakota
MLB
Date: 10/11/2013
N
0
1
2
Miles


GRAND FORKS COUNTY
NORTH DAKOTA
NELSON COUNTY
NORTH DAKOTA
POLK COUNTY
MINNESOTA
Plymouth
T 153 N R 56 W
Agnes
T 153 N R 55 W
Wheatfield
T 153 N R 54 W
Gilby
T 153 N R 53 W
Lakeville
T 153 N R 52 W
Ferry
T 153 N R 50 W
Niagara
T 152 N R 56 W
Elm Grove
T 152 N R 55 W
Hegton
T 152 N R 54 W
Mekinock
T 152 N R 53 W
Blooming
T 152 N R 52 W
Rye
T 152 N R 51 W
Moraine
T 151 N R 56 W
Larimore
T 151 N R 55 W
Arvilla
T 151 N R 54 W
Chester
T 151 N R 53 W
Oakville
T 151 N R 52 W
Brenna
T 151 N R 51 W
Grand Forks
T 151 N R 50 W
Logan Center
T 150 N R 56 W
Grace
T 150 N R 55 W
Avon
T 150 N R 54 W
Pleasant View
T 150 N R 53 W
Fairfield
T 150 N R 52 W
Allendale
T 150 N R 51 W
Walle
T 150 N R 49 W
Lind
149 N R 55 W
Northwood
T 149 N R 54 W
Washington
T 149 N R 53 W
Union
T 149 N R 52 W
Michigan
T 149 N R 51 W
Americus
T 149 N R 50 W
Gilby
Manvel
Niagara
Grand Forks AFB
Emerado
Grand-Forks
Larimore
Thompson
Northwood
Legend
Proposed Mile Post
Proposed Sandpiper Pipeline Route
ENBRIDGE
SANDPIPER PIPELINE PROJECT
Grand Forks County, North Dakota
MLB
Date: 10/11/2013
0 1 2 Miles


SASKATCHEWAN
MANITOBA
NORTH DAKOTA
Williams
Mountrail
Ward
McHenry
Pierce
Towner
Ramsey
Nelson
Grand Forks
Map 25
Map 50
Map 75
Map 100
N
10 5 0 10 20
Miles
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC
PROPOSED SANDPIPER PIPELINE PROJECT
DRAWN: MLB
CHECKED: --
DATE: Oct 11, 2013
SCALE: AS SHOWN
MLB
10/7/13
A
PRELIMINARY
DRAWN
CHECKED
APPROVED
DATE
REV NO.
DESCRIPTION



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

N

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

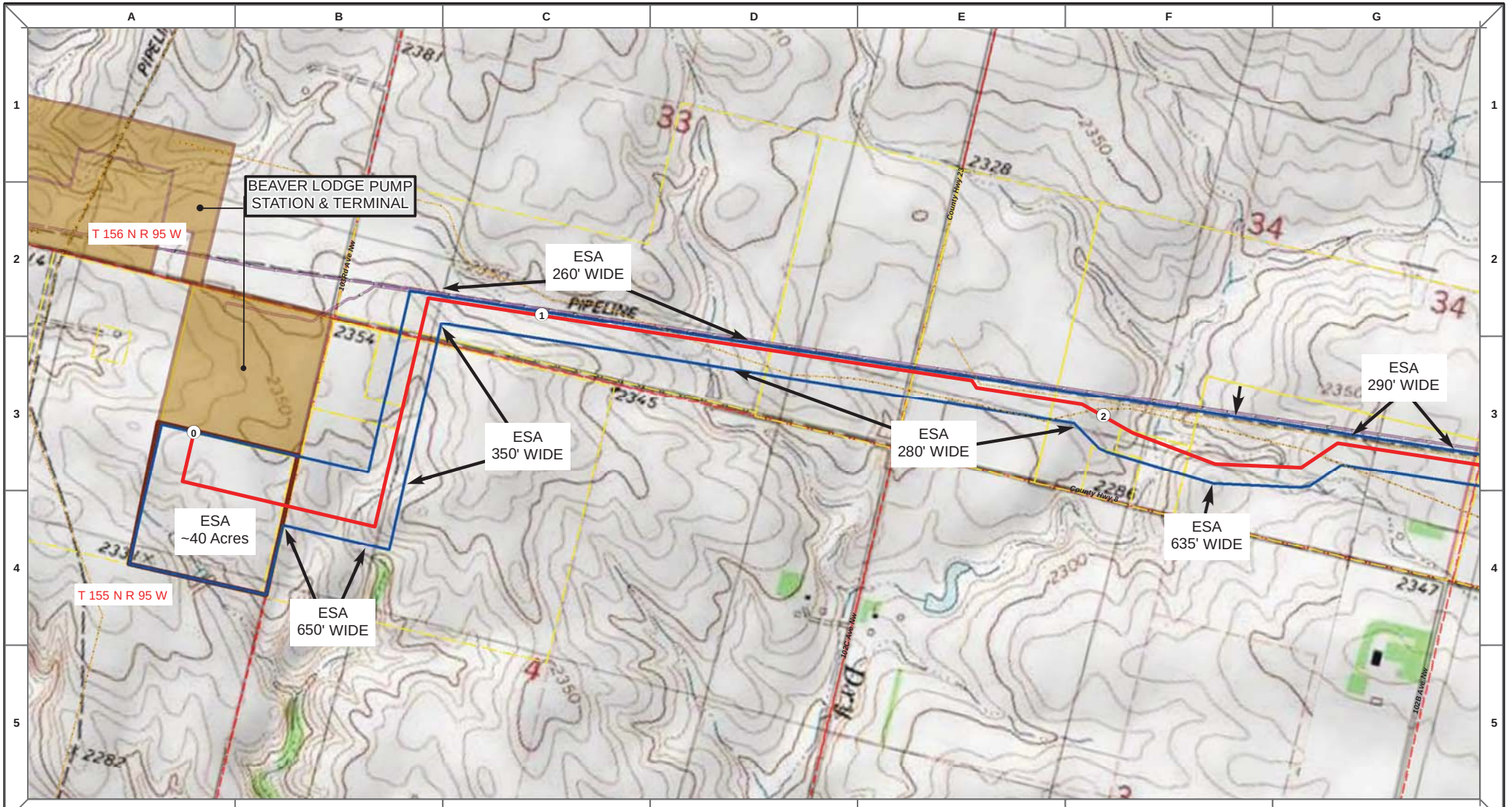
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

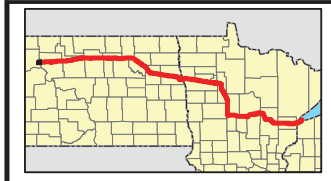
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Williams County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 1 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

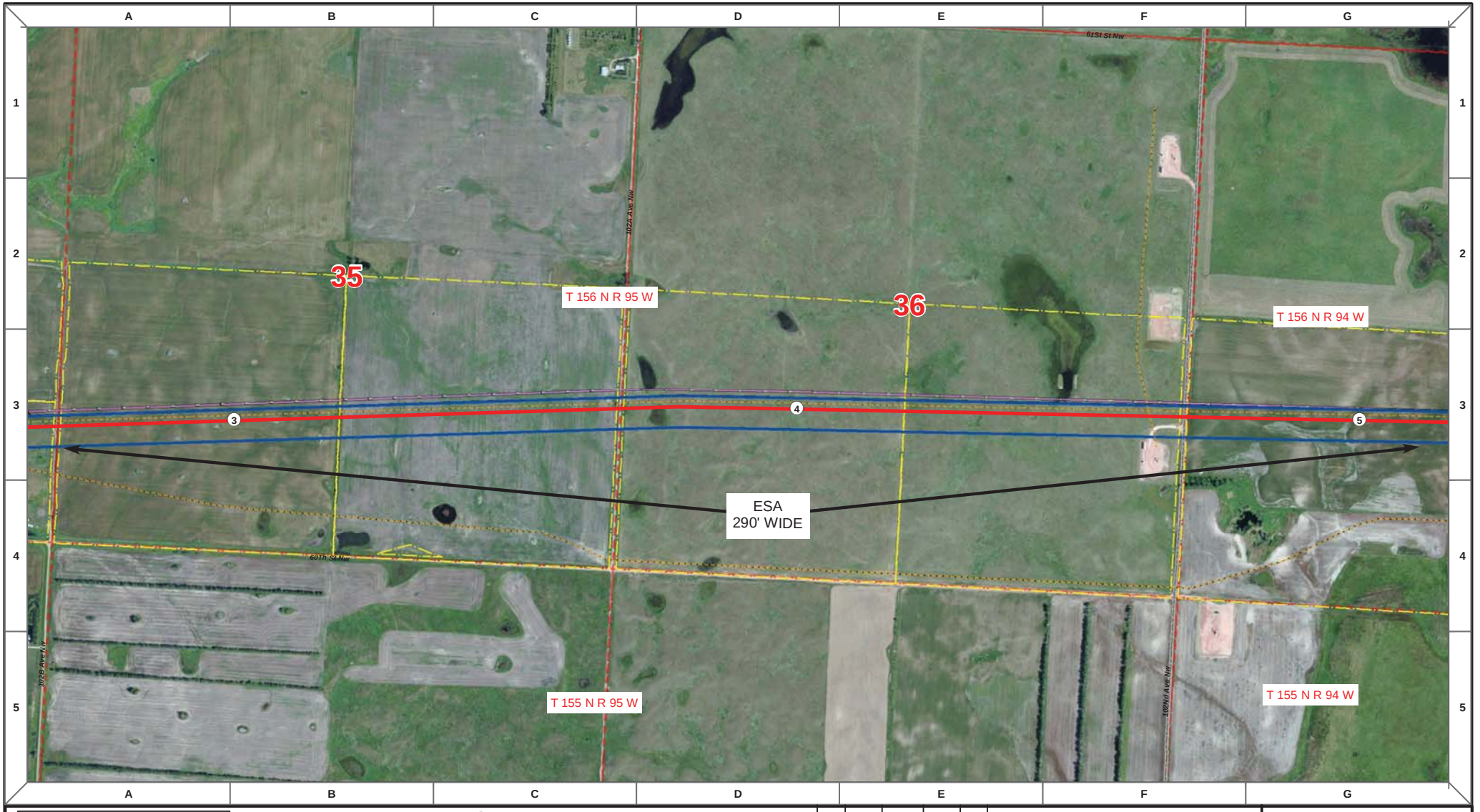
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

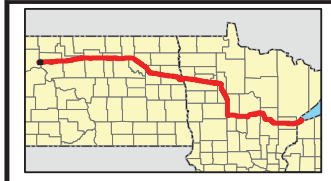
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Williams County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:1 Map: 1 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

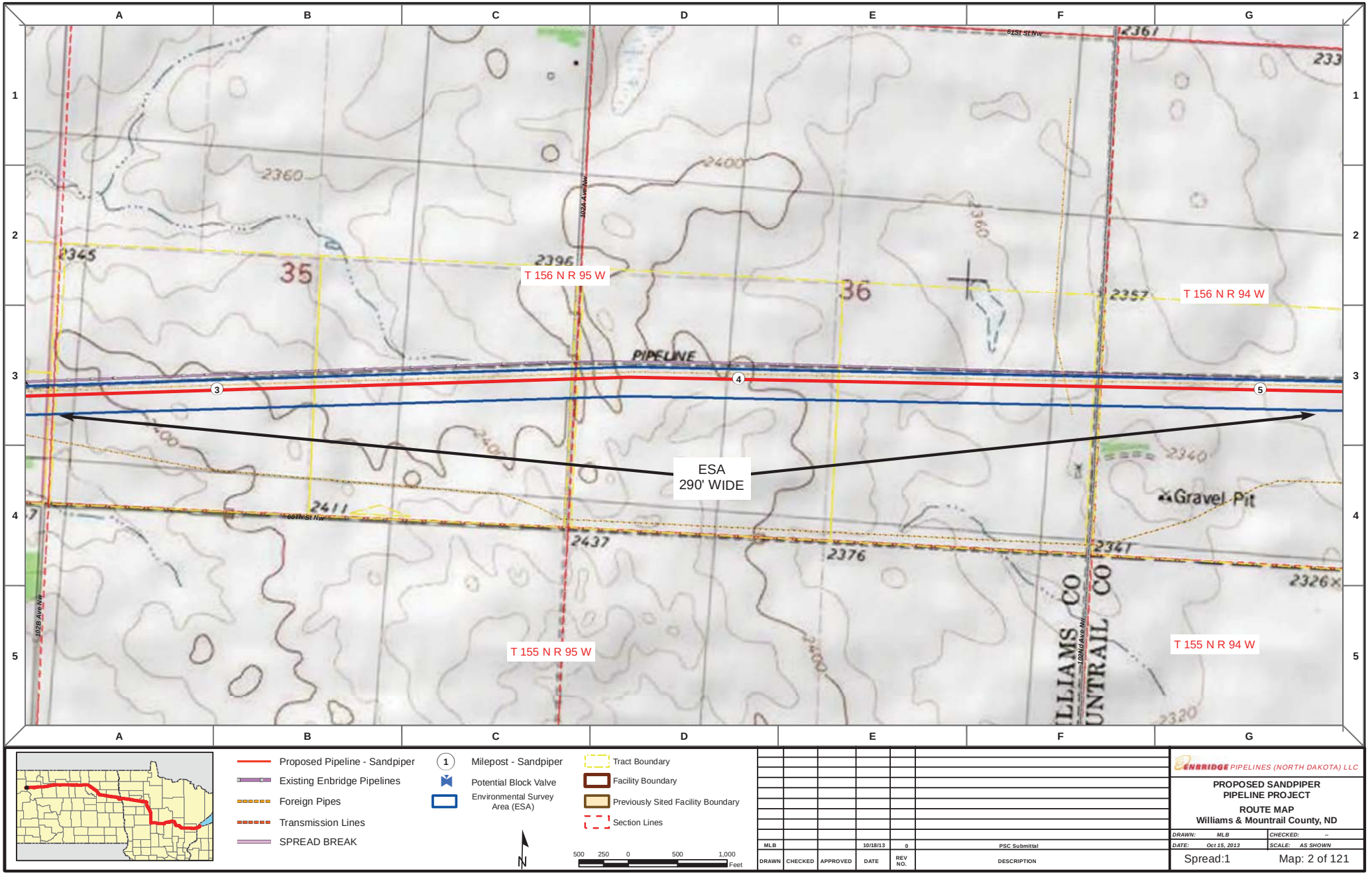
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Williams & Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 2 of 121



DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

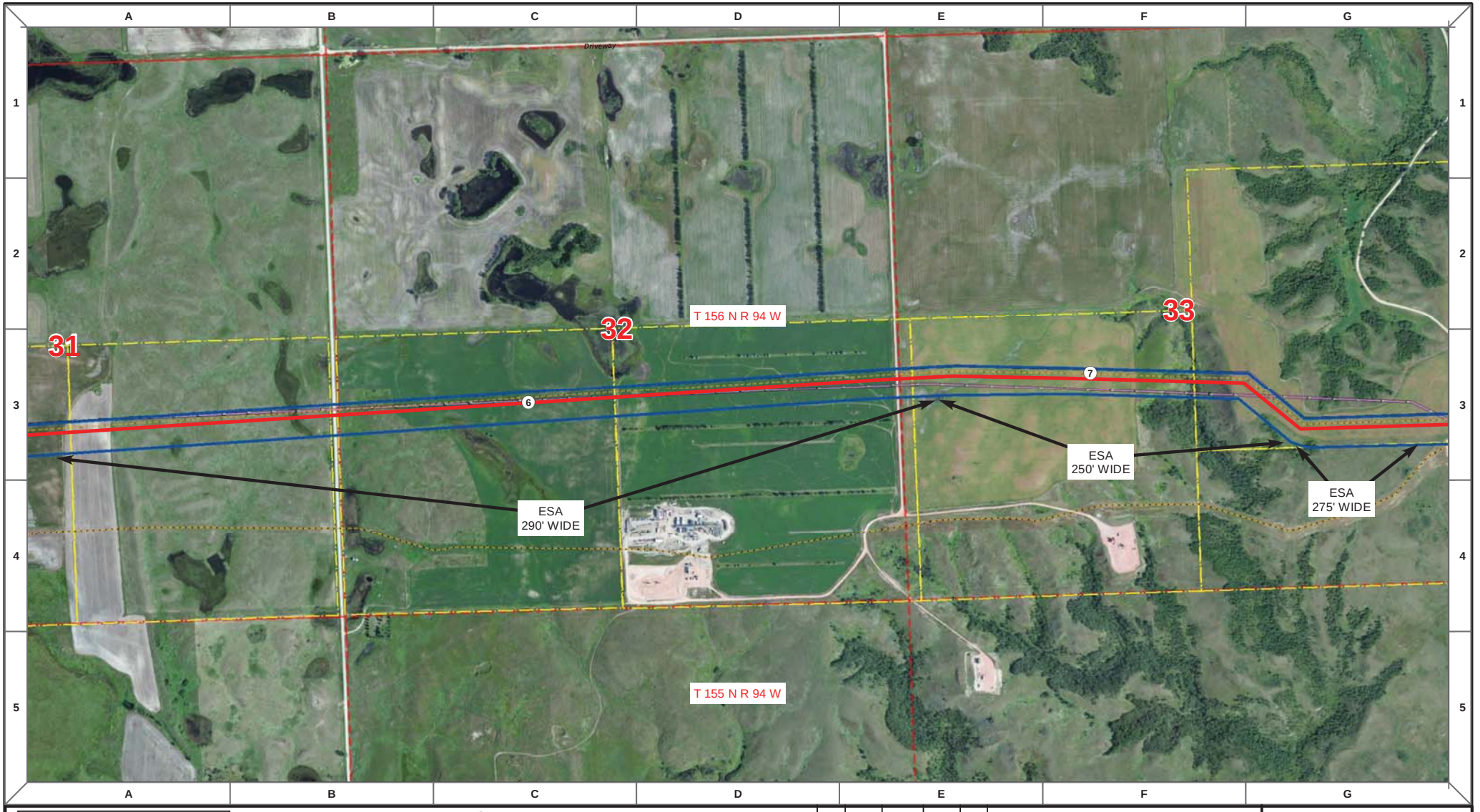
PROPOSED SANDPIPER PIPELINE PROJECT

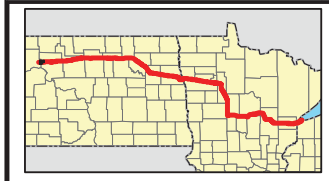
ROUTE MAP

Williams & Mountrail County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:1 Map: 2 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

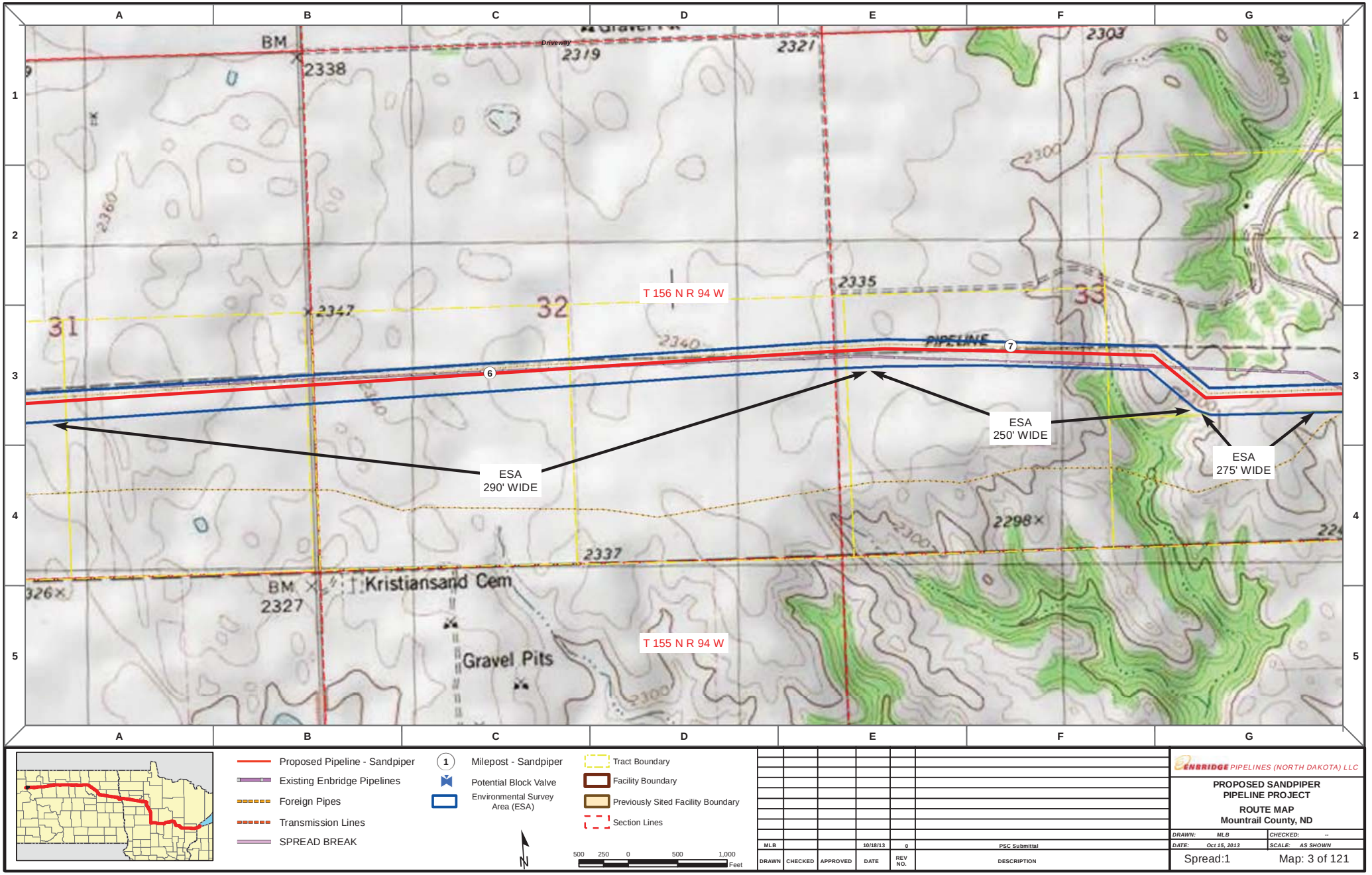
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

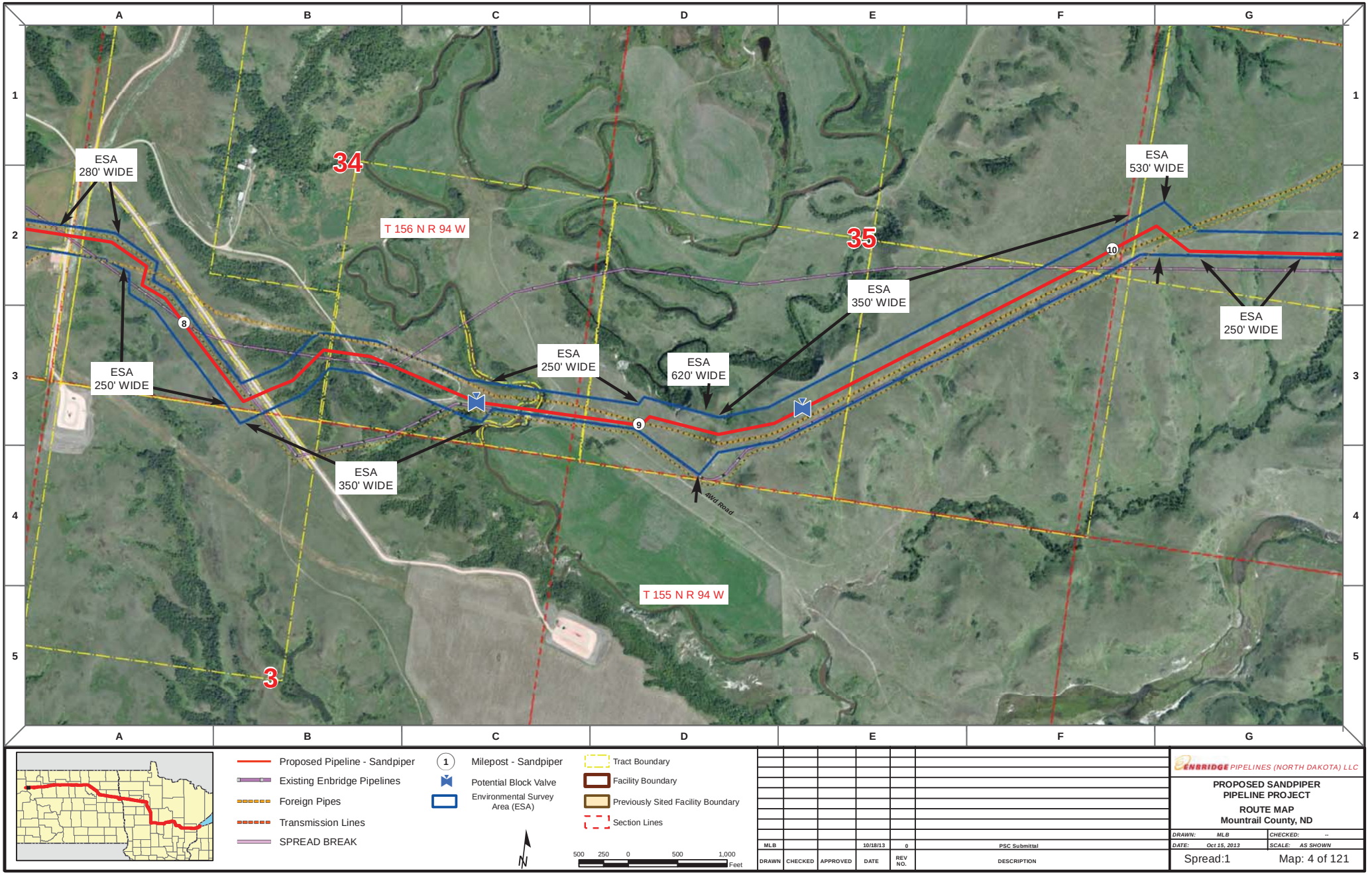
PROPOSED SANDPIPER PIPELINE PROJECT

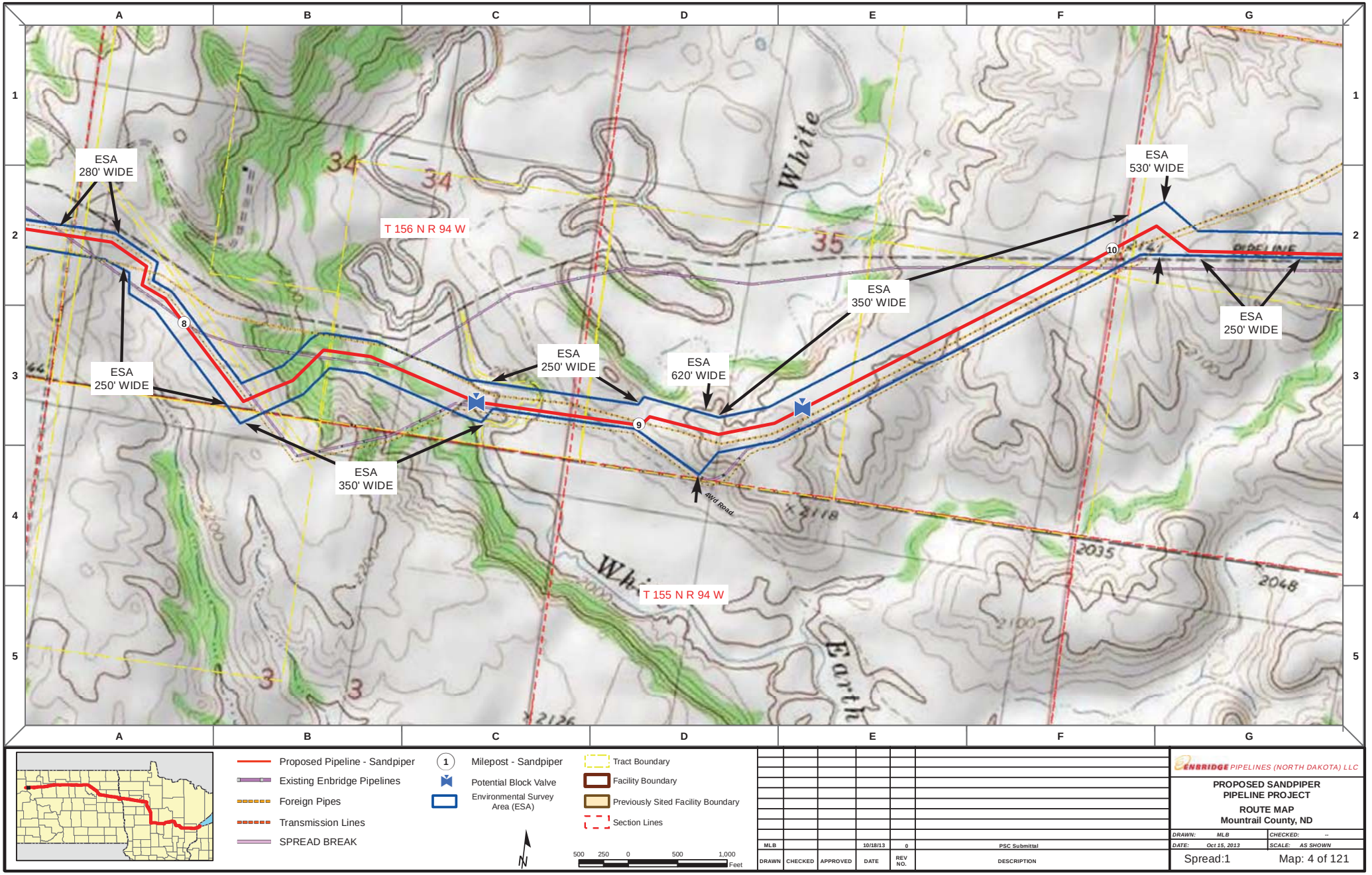
ROUTE MAP
Mountrail County, ND

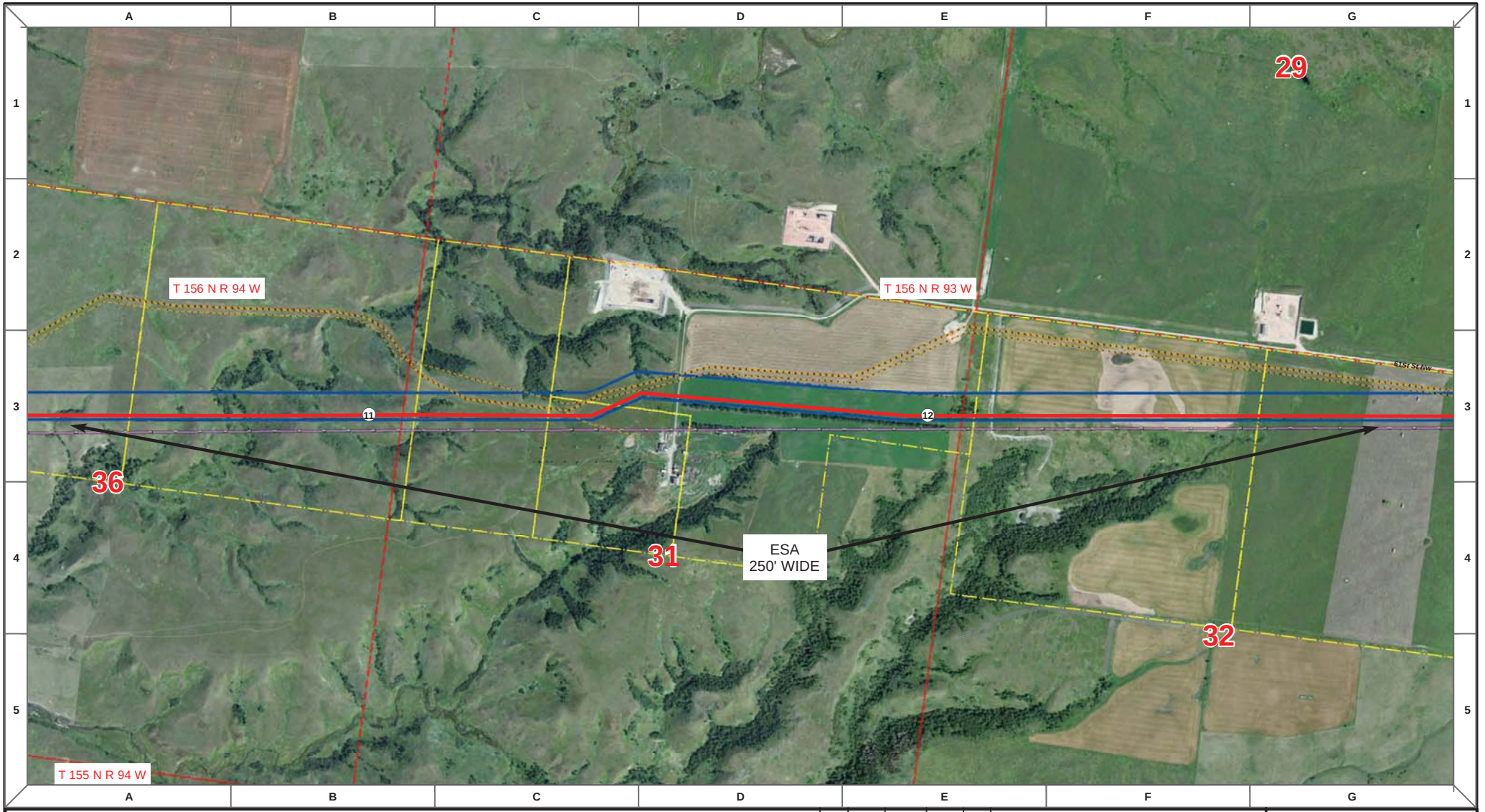
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DATE: Oct 15, 2013 SCALE: AS SHOWN

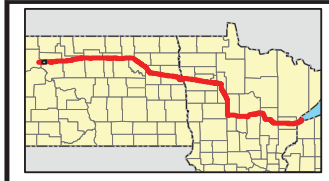
Spread:1 Map: 3 of 121


A
B
C
D
E
F
G
1
2
3
4
5
BM
2338
Driveway
2319
2321
2303
2300
2360
2347
31
32
33
2335
2340
T 156 N R 94 W
PIPELINE
6
7
ESA
290' WIDE
ESA
250' WIDE
ESA
275' WIDE
2298
2337
BM
2327
Kristiansand Cem
Gravel Pits
T 155 N R 94 W
Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK
Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)
Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines
N
500 250 0 500 1,000
Feet
MLB
10/18/13
0
PSC Submittal
DRAWN
CHECKED
APPROVED
DATE
REV NO.
DESCRIPTION
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC
PROPOSED SANDPIPER PIPELINE PROJECT
ROUTE MAP
Mountrail County, ND
DRAWN: MLB
CHECKED: --
DATE: Oct 15, 2013
SCALE: AS SHOWN
Spread:1
Map: 3 of 121


A
B
C
D
E
F
G
1
2
3
4
5
34
35
3
T 156 N R 94 W
T 155 N R 94 W
ESA
280' WIDE
ESA
250' WIDE
ESA
350' WIDE
ESA
250' WIDE
ESA
620' WIDE
ESA
350' WIDE
ESA
530' WIDE
ESA
250' WIDE
8
9
10
AWd Road
Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK
1
Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)
Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines
N
500 250 0 500 1,000
Feet
MLB
10/18/13
0
PSC Submittal
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CHECKED
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DATE
REV NO.
DESCRIPTION
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC
PROPOSED SANDPIPER PIPELINE PROJECT
ROUTE MAP
Mountrail County, ND
DRAWN: MLB
CHECKED: --
DATE: Oct 15, 2013
SCALE: AS SHOWN
Spread:1
Map: 4 of 121


ESA
280' WIDE
ESA
250' WIDE
ESA
350' WIDE
ESA
250' WIDE
ESA
620' WIDE
ESA
350' WIDE
ESA
530' WIDE
ESA
250' WIDE
T 156 N R 94 W
T 155 N R 94 W
White
Earth
AWd Road
PIPELINE
Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK
Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)
Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines
500 250 0 500 1,000
Feet
PSC Submittal
DESCRIPTION
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC
PROPOSED SANDPIPER
PIPELINE PROJECT
ROUTE MAP
Mountrail County, ND
DRAWN: MLB
CHECKED: --
DATE: Oct 15, 2013
SCALE: AS SHOWN
Spread:1
Map: 4 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

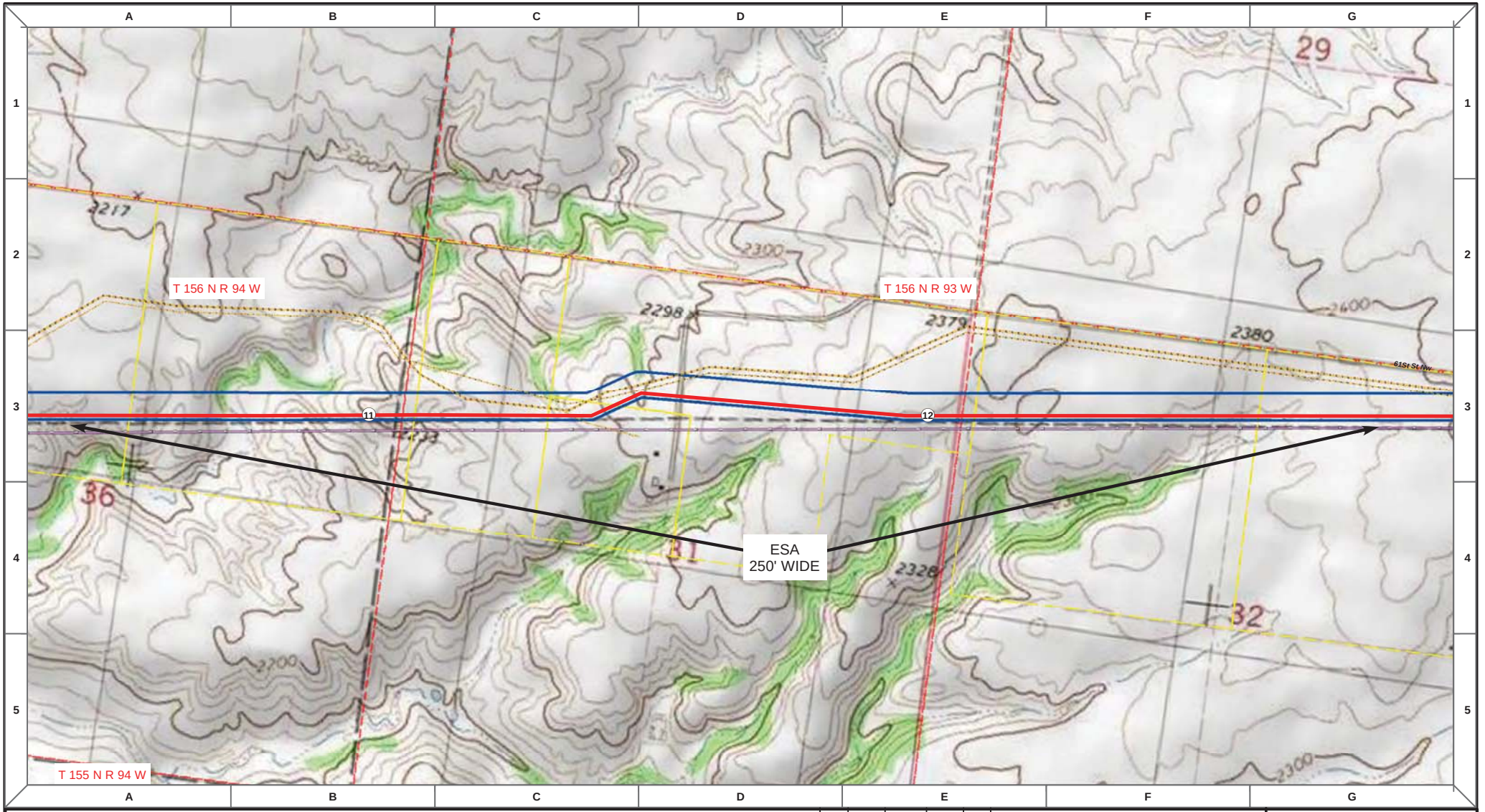
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

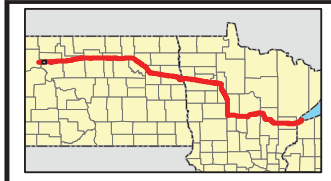
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 5 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

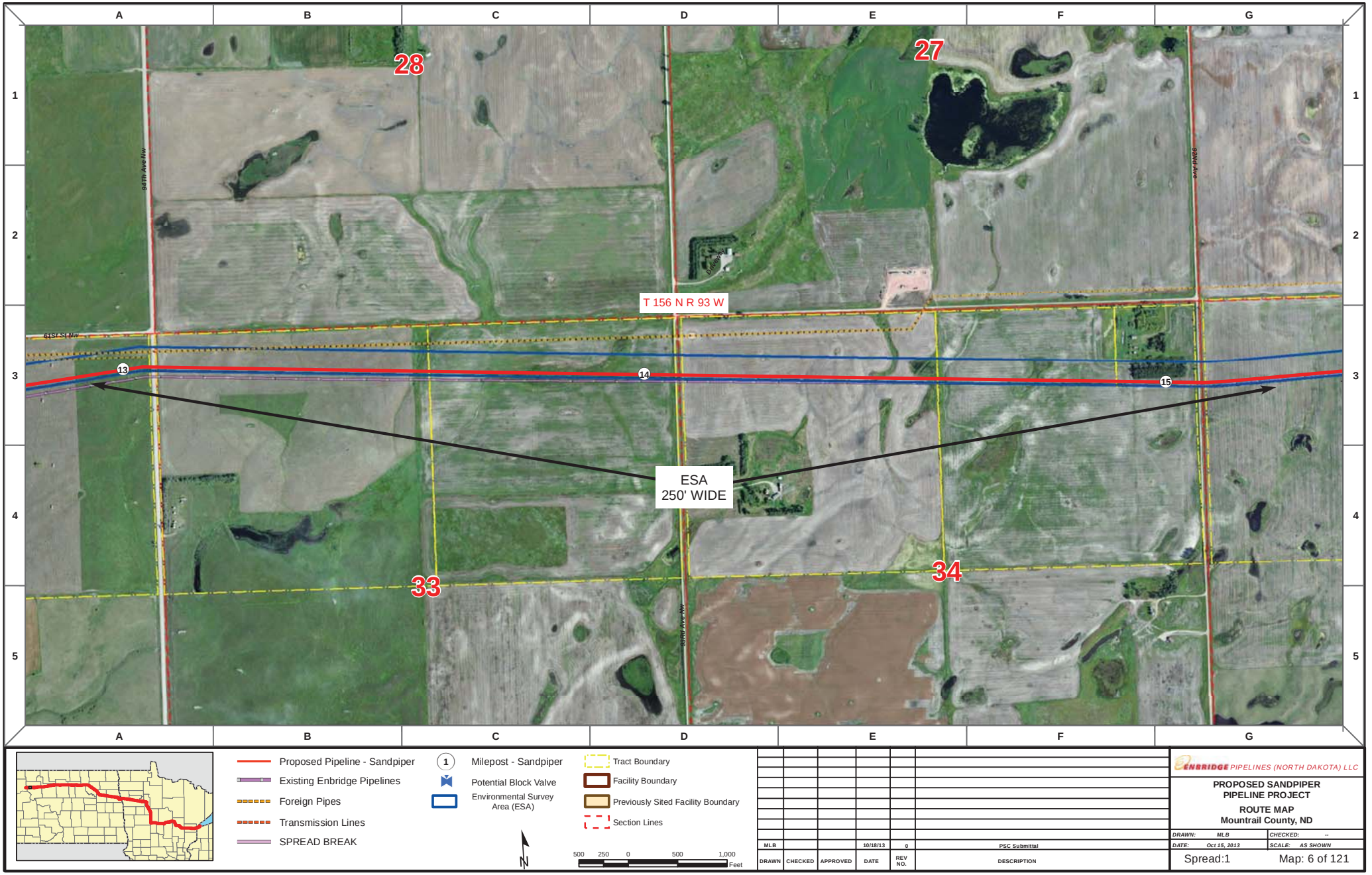
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 5 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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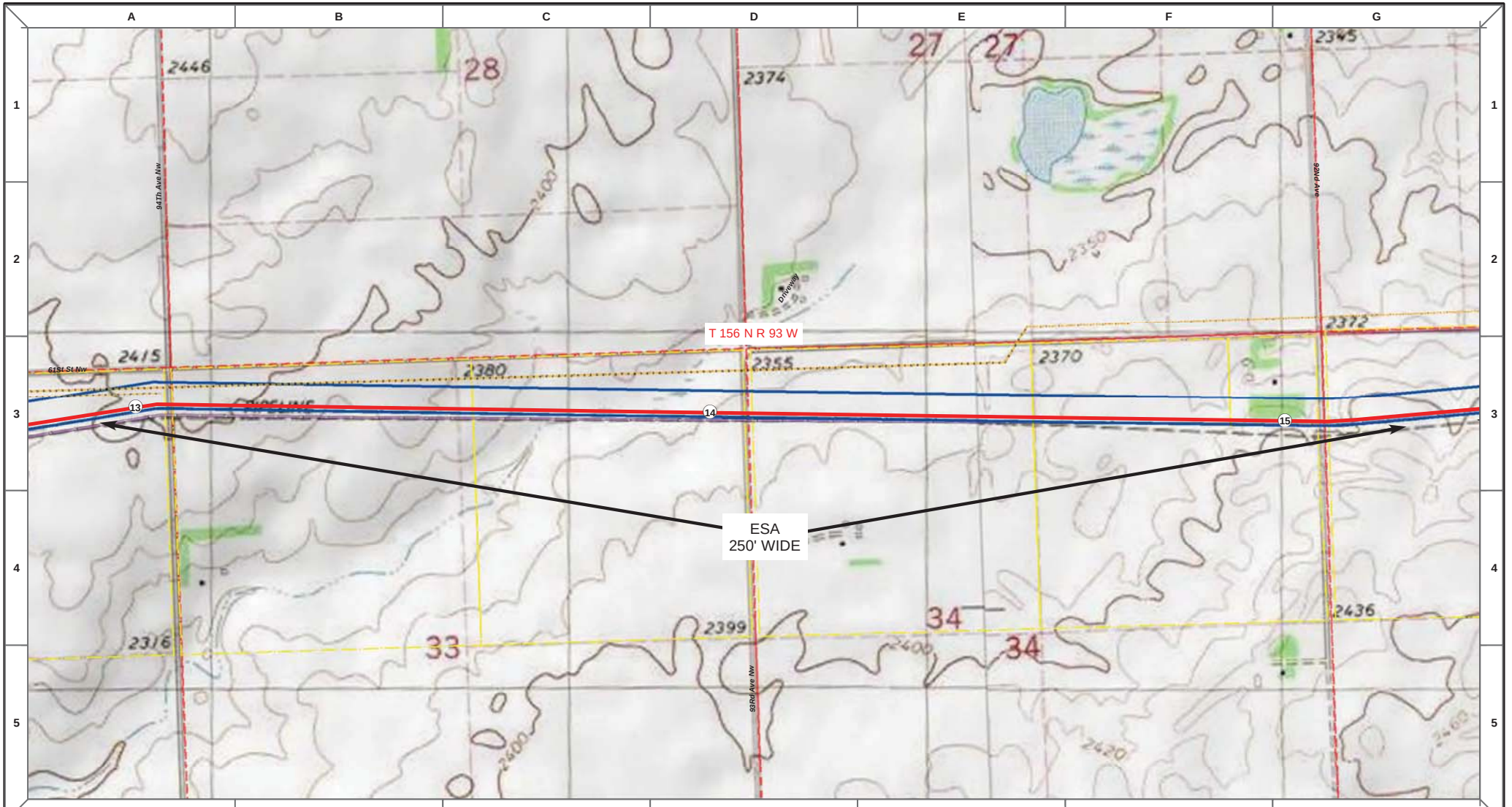
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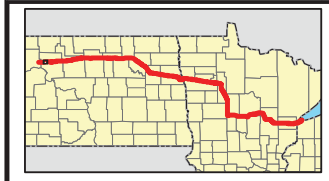
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 6 of 121





- Proposed Pipeline - Sandpiper
- Existing Enbridge Pipelines
- Foreign Pipes
- Transmission Lines
- SPREAD BREAK
- 1 Milepost - Sandpiper
- Potential Block Valve
- Environmental Survey Area (ESA)
- Tract Boundary
- Facility Boundary
- Previously Sited Facility Boundary
- Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
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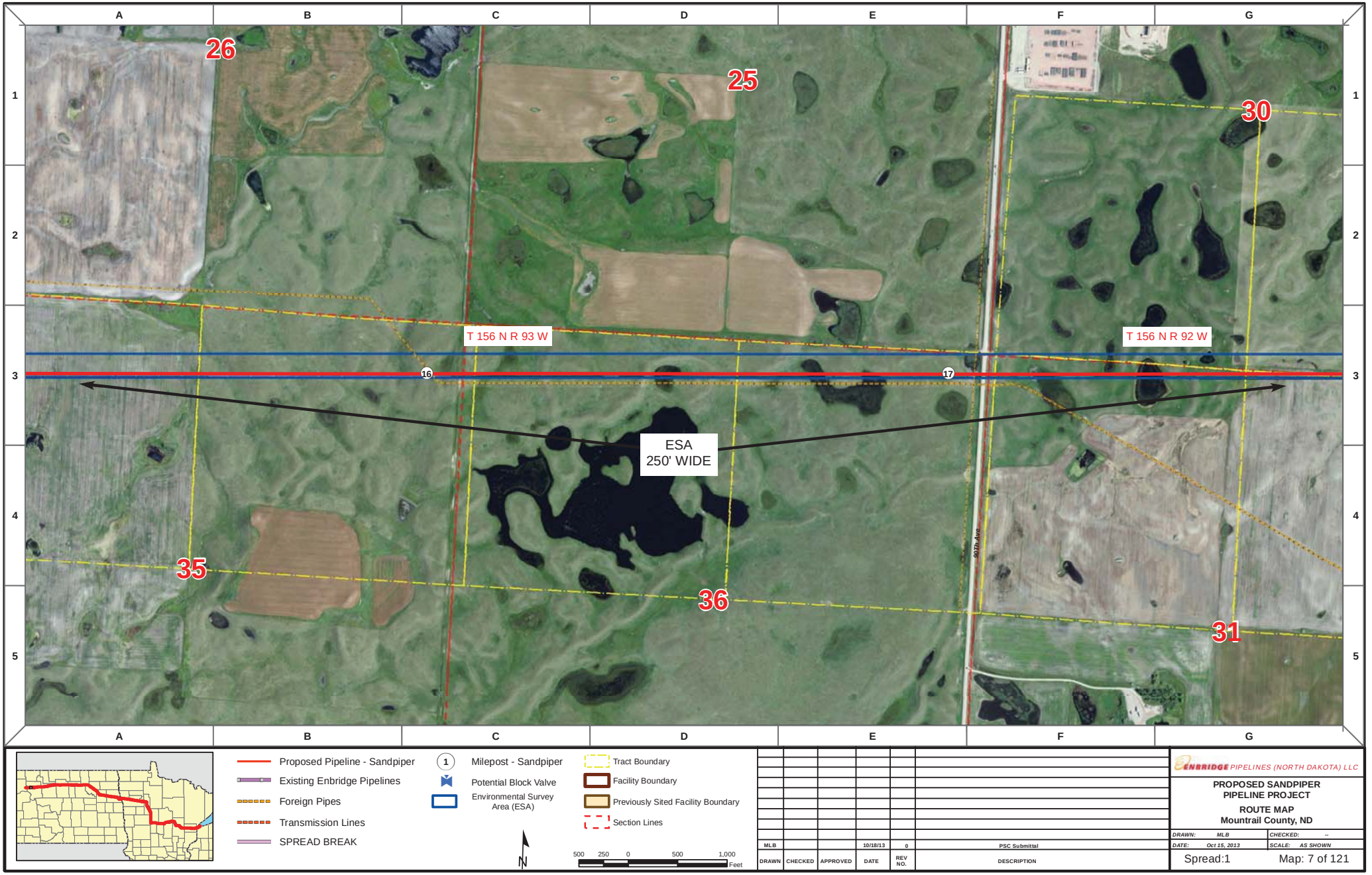
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 6 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
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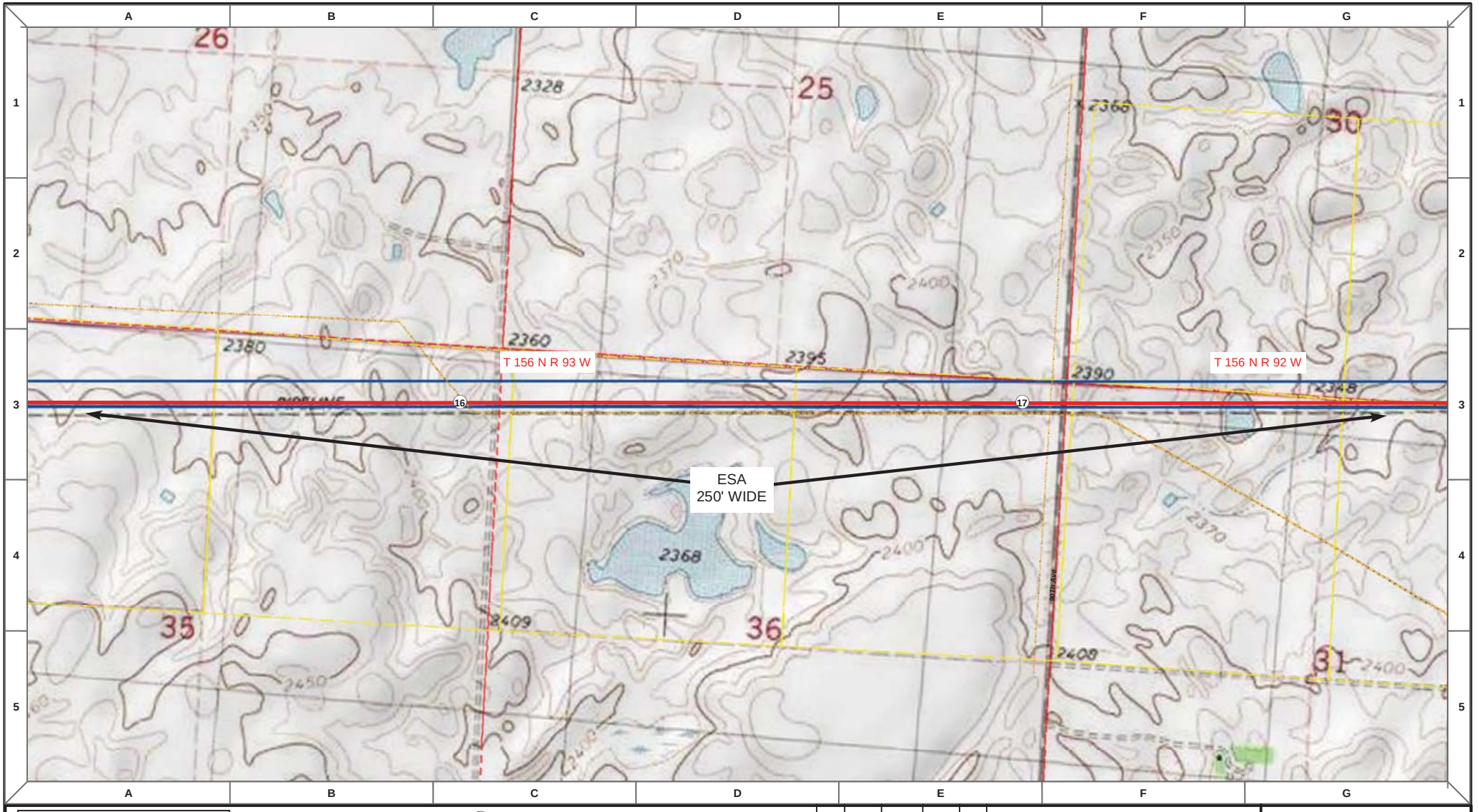
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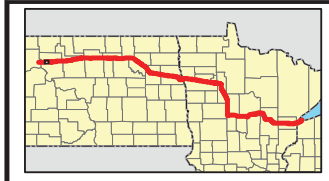
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:1 Map: 7 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
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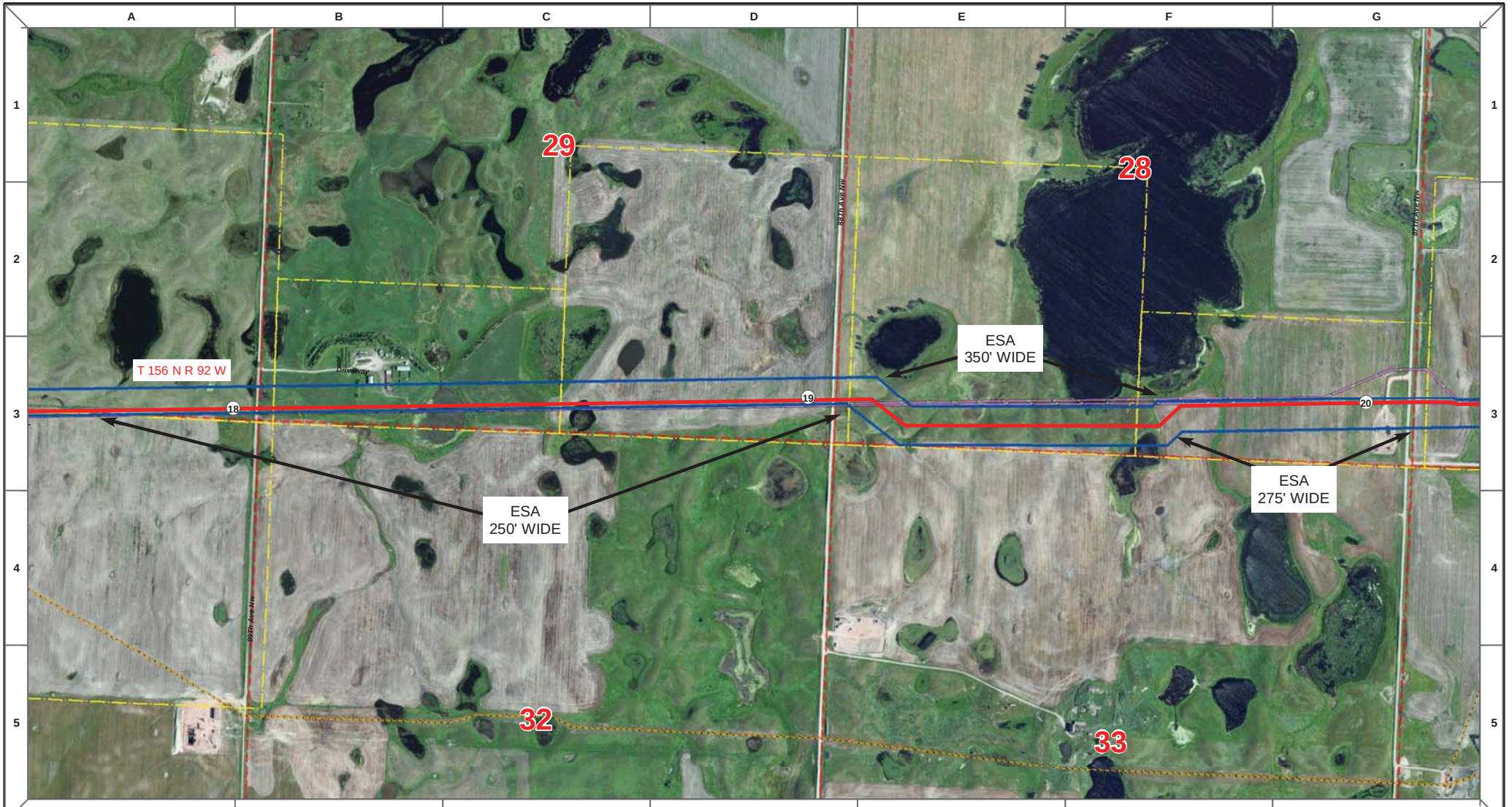
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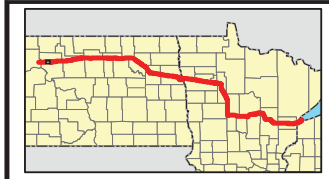
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:1 Map: 7 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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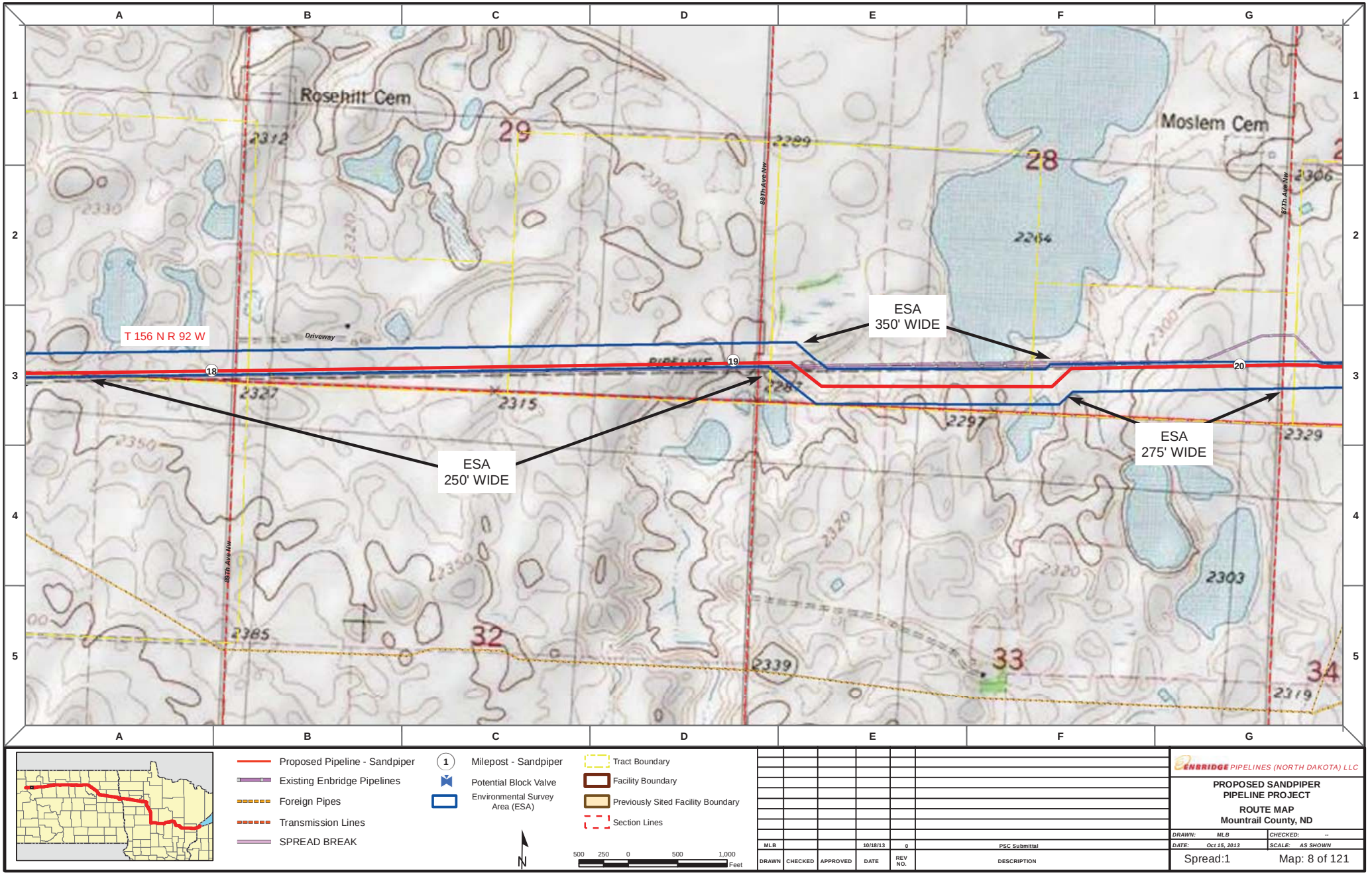
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 8 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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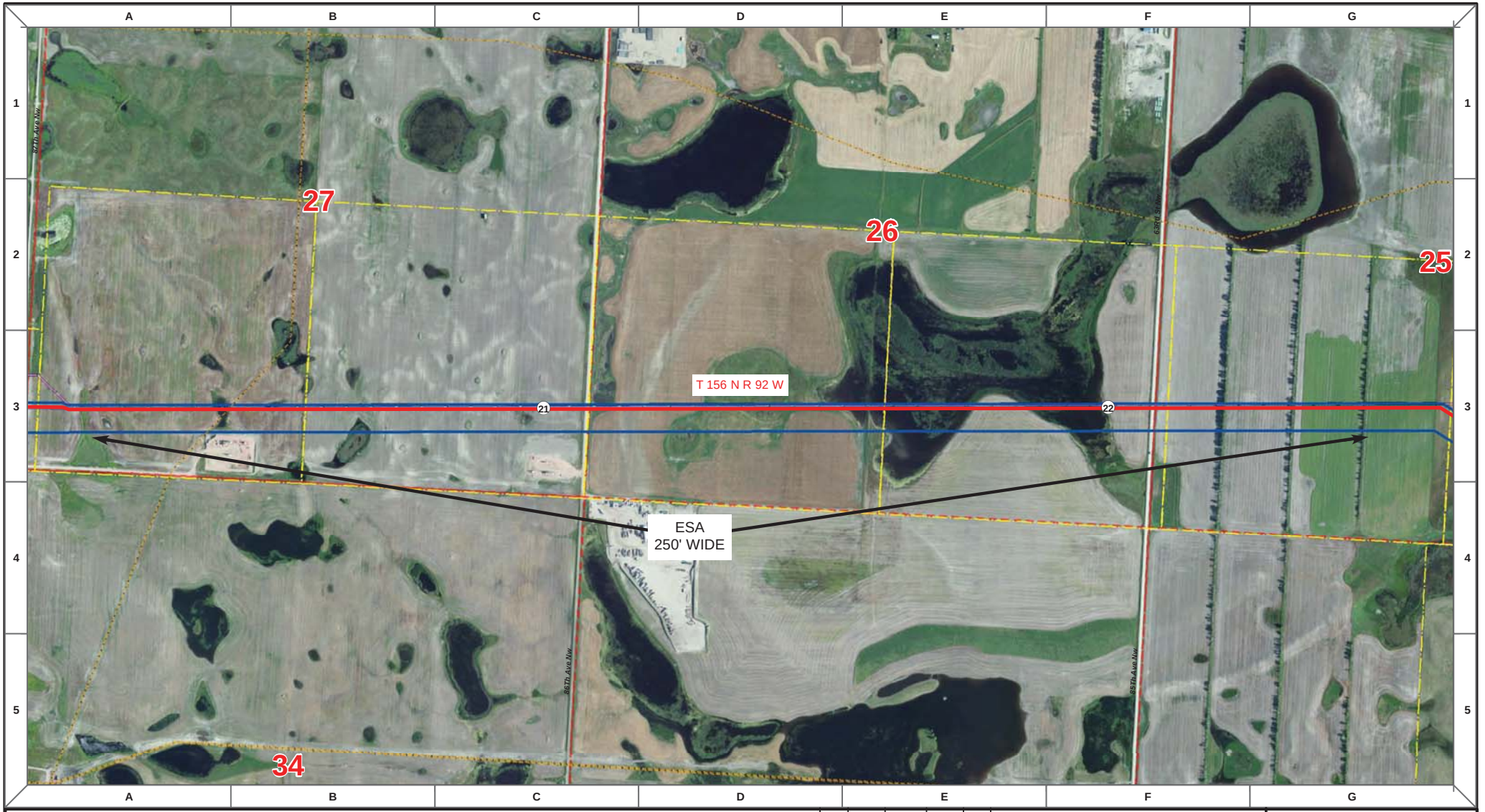
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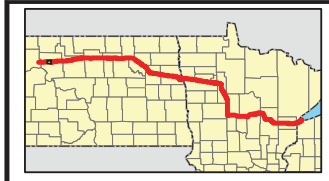
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 8 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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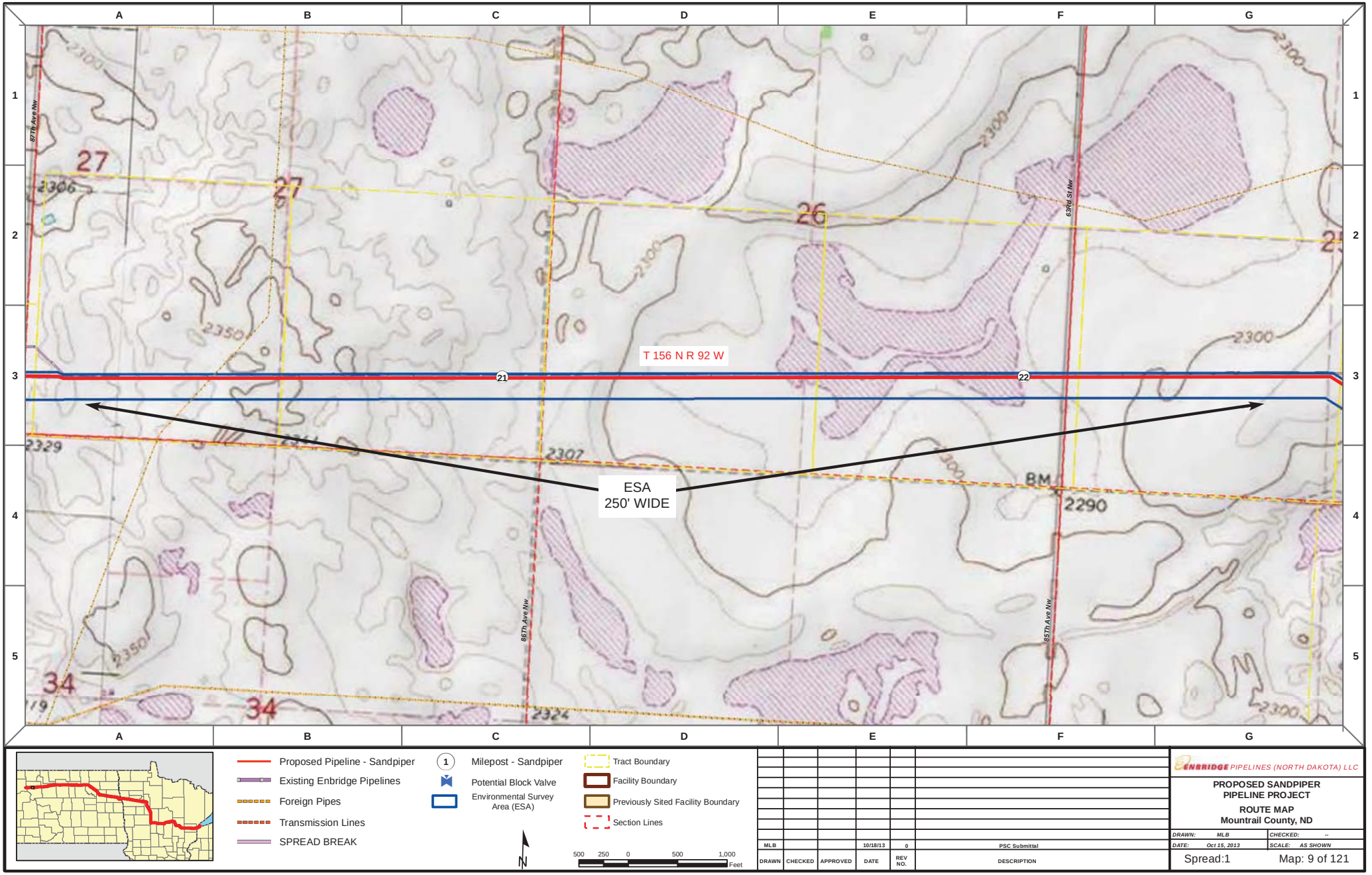
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 9 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

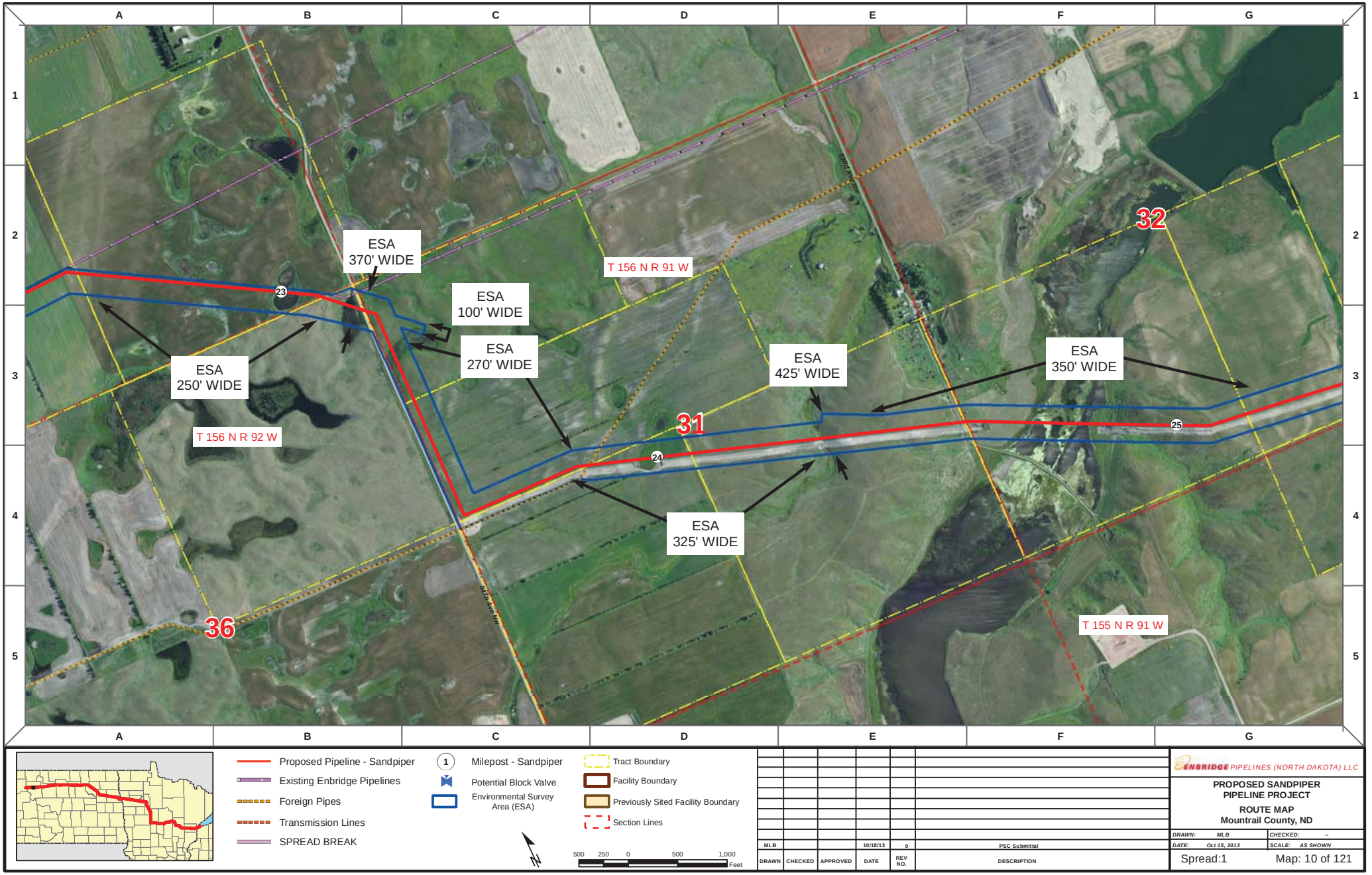
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:1 Map: 9 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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MLB			10/18/13	0	PSC Submittal

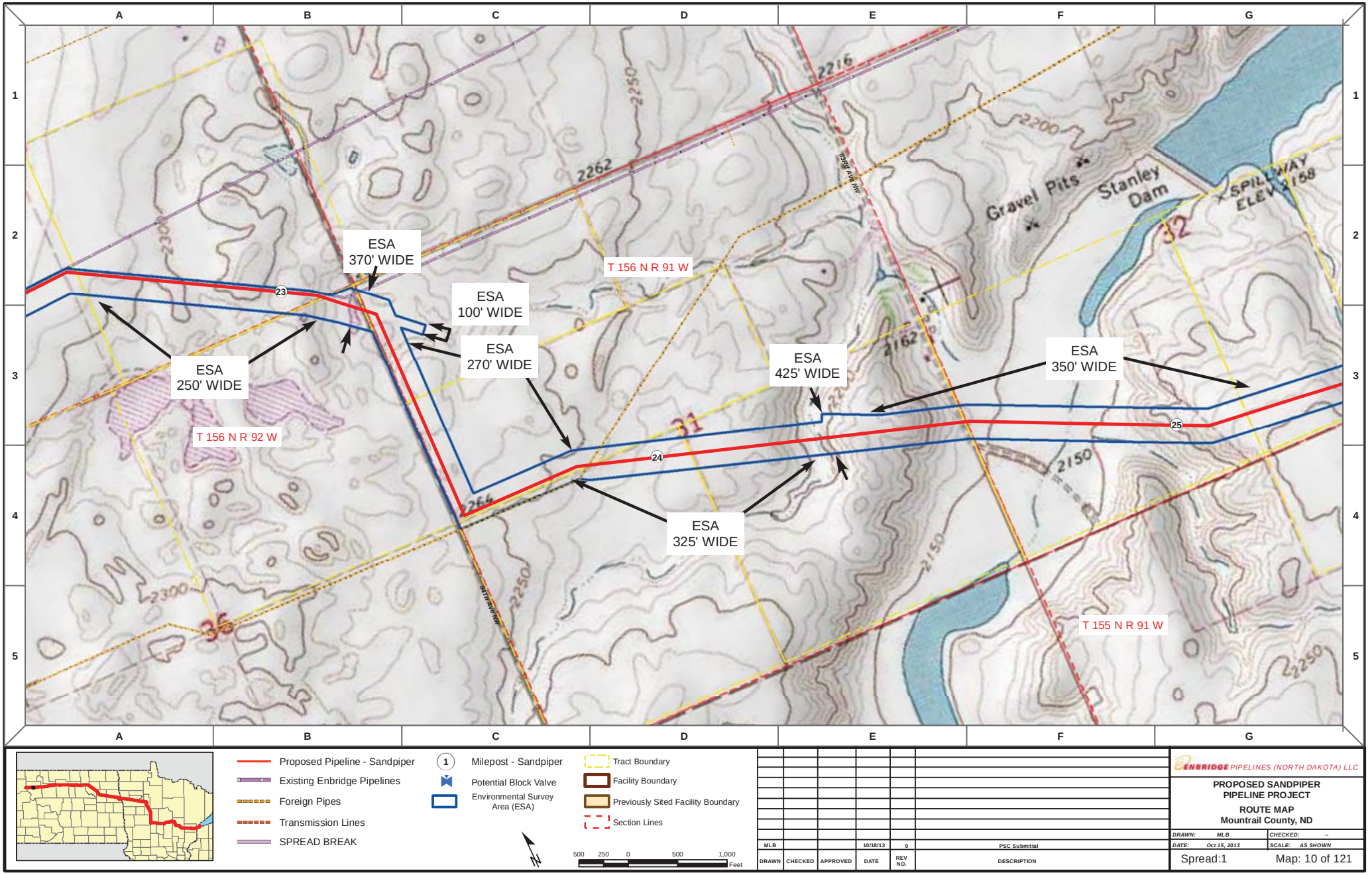
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 10 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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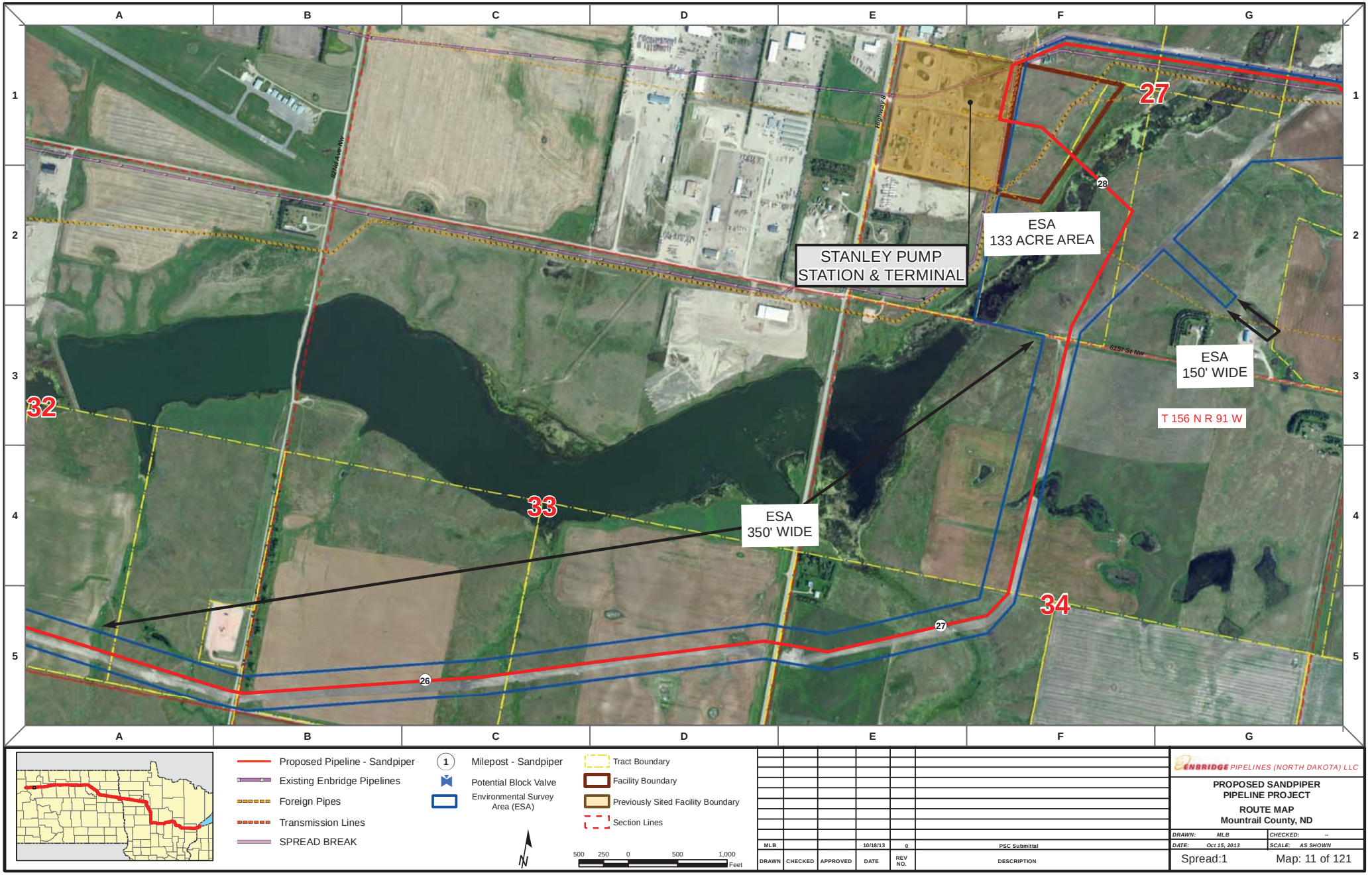
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 10 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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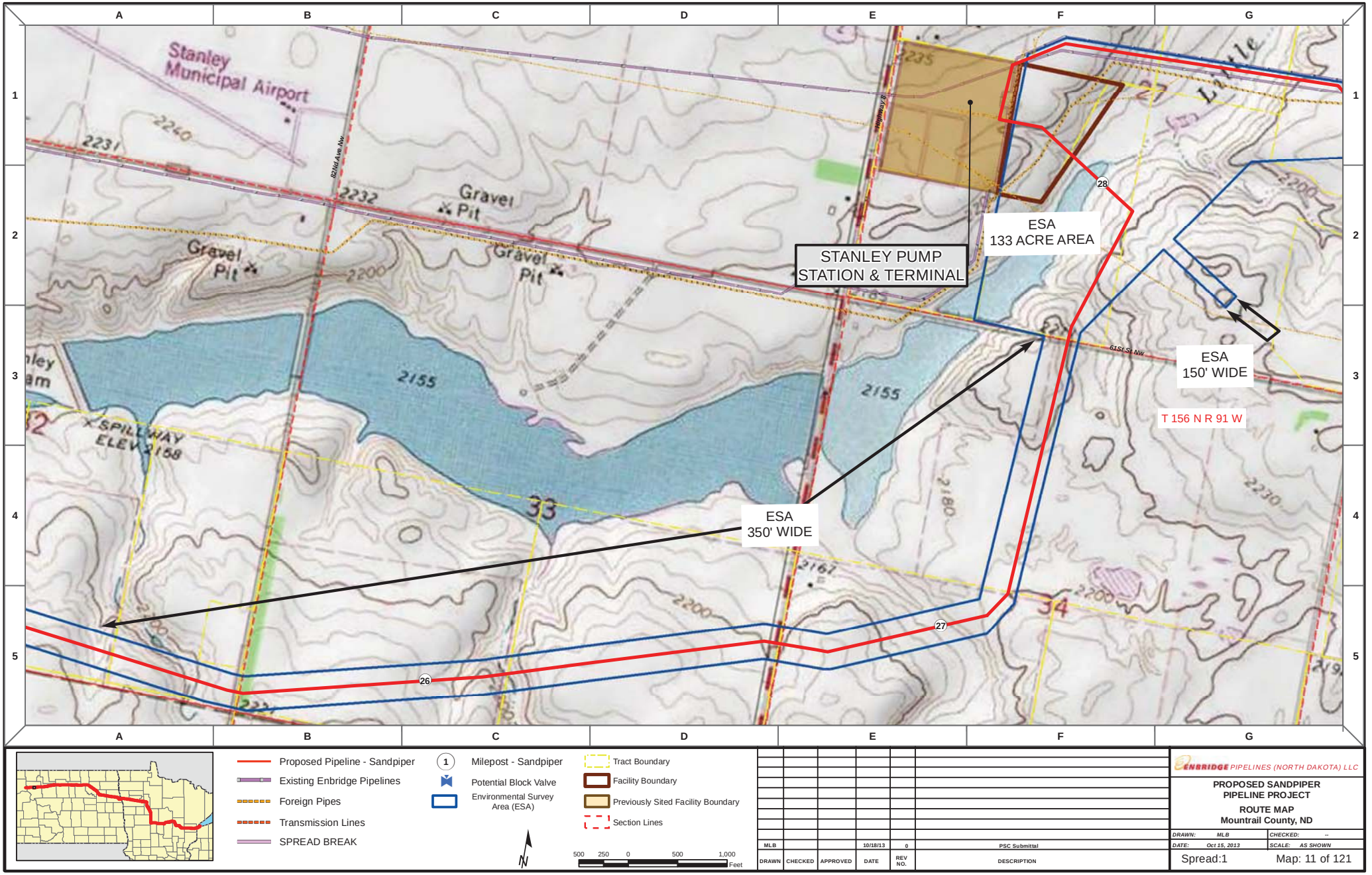
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 11 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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MLB			10/18/13	0	PSC Submittal

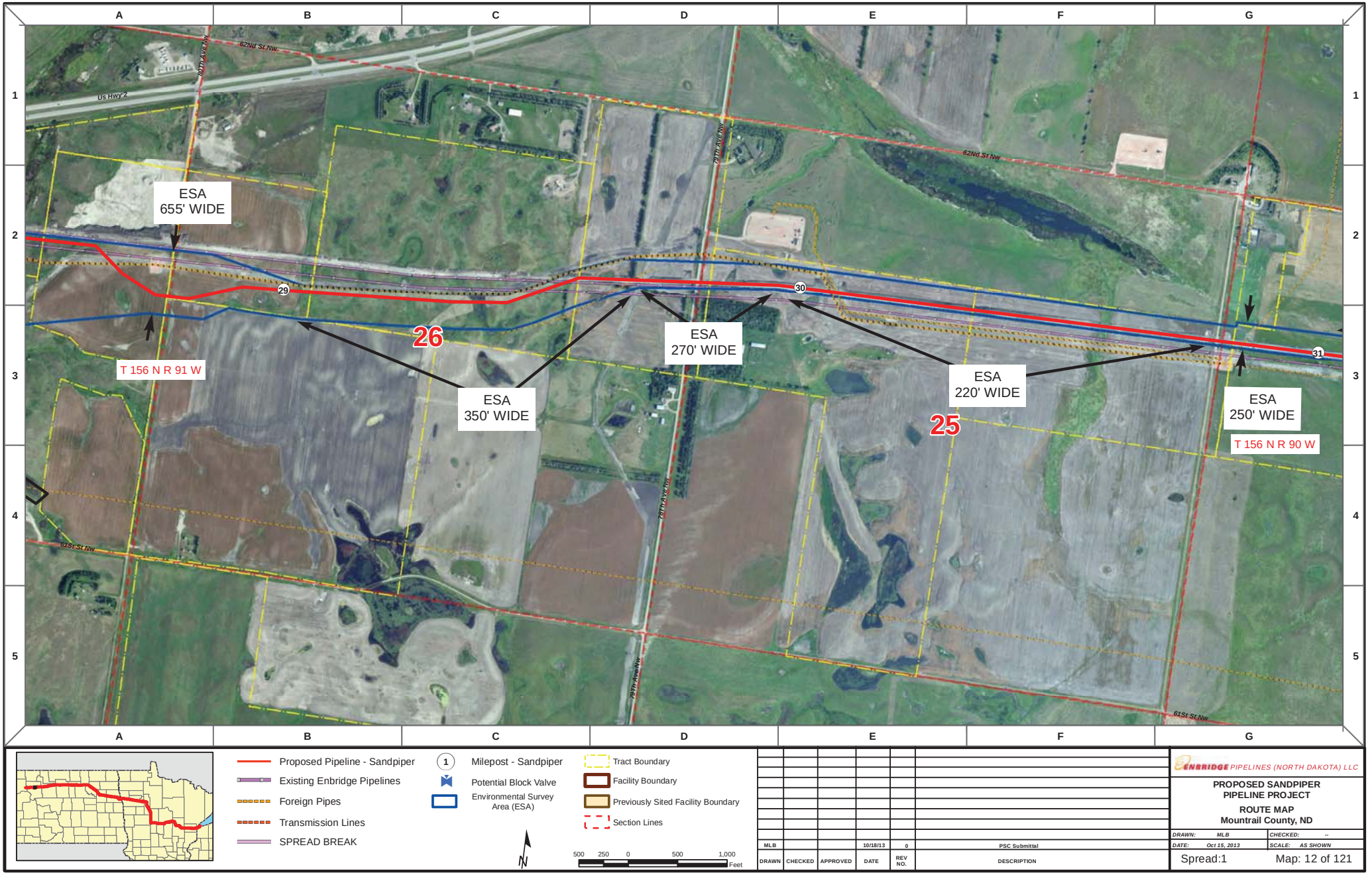
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 11 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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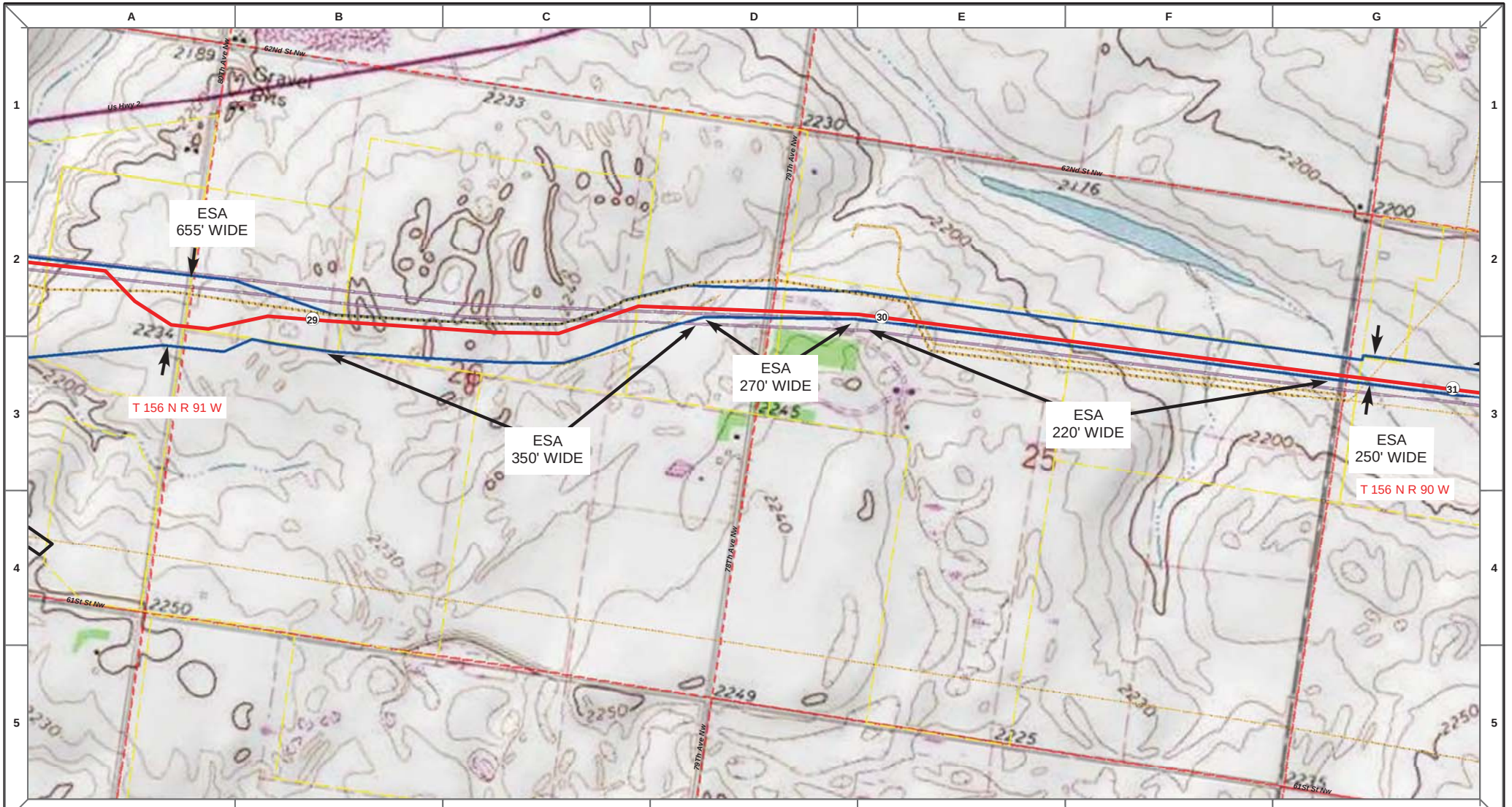
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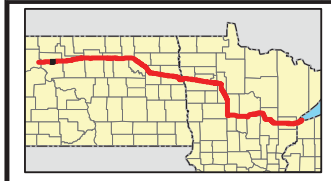
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 12 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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MLB			10/18/13	0	PSC Submittal

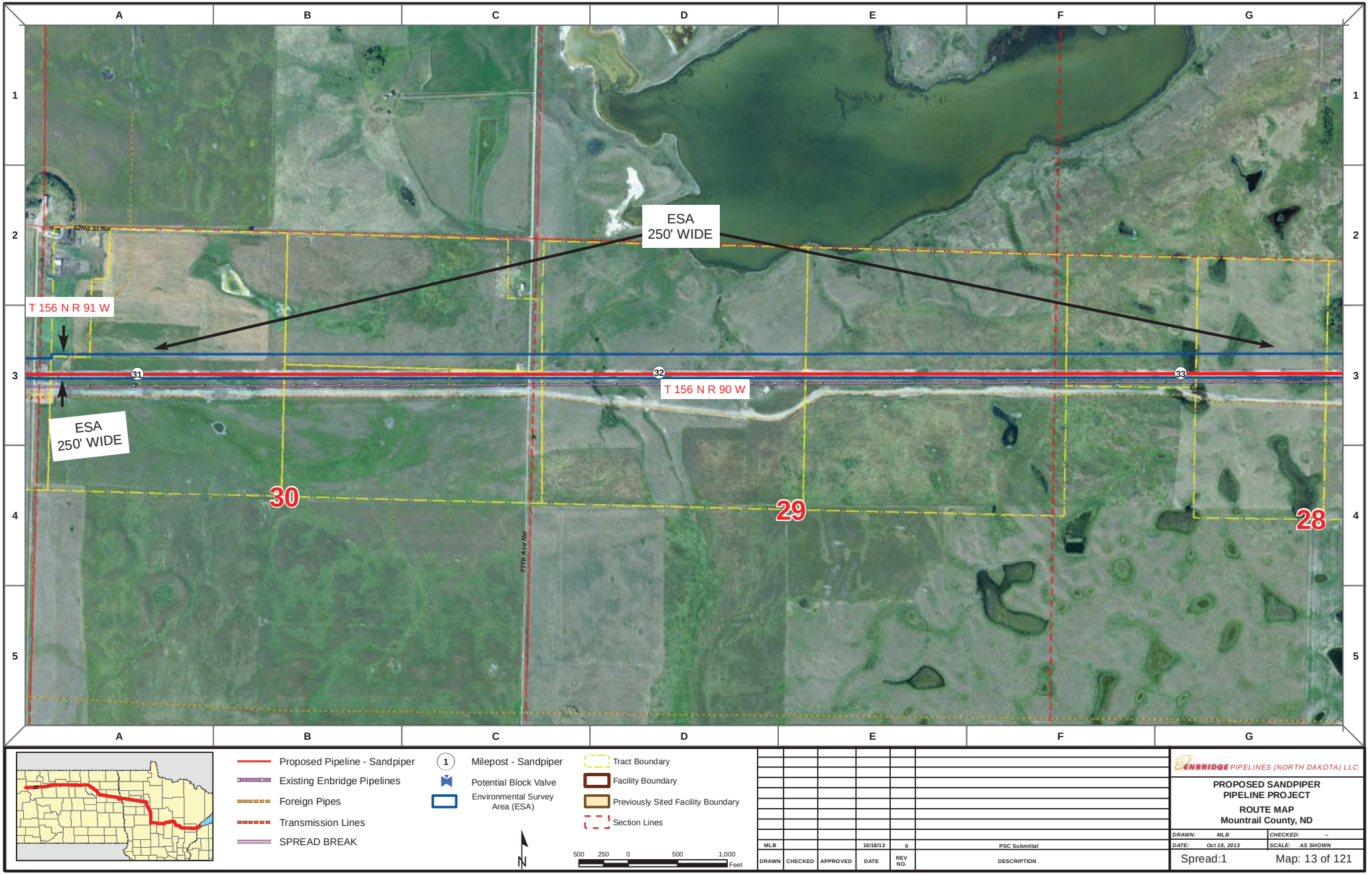
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 12 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

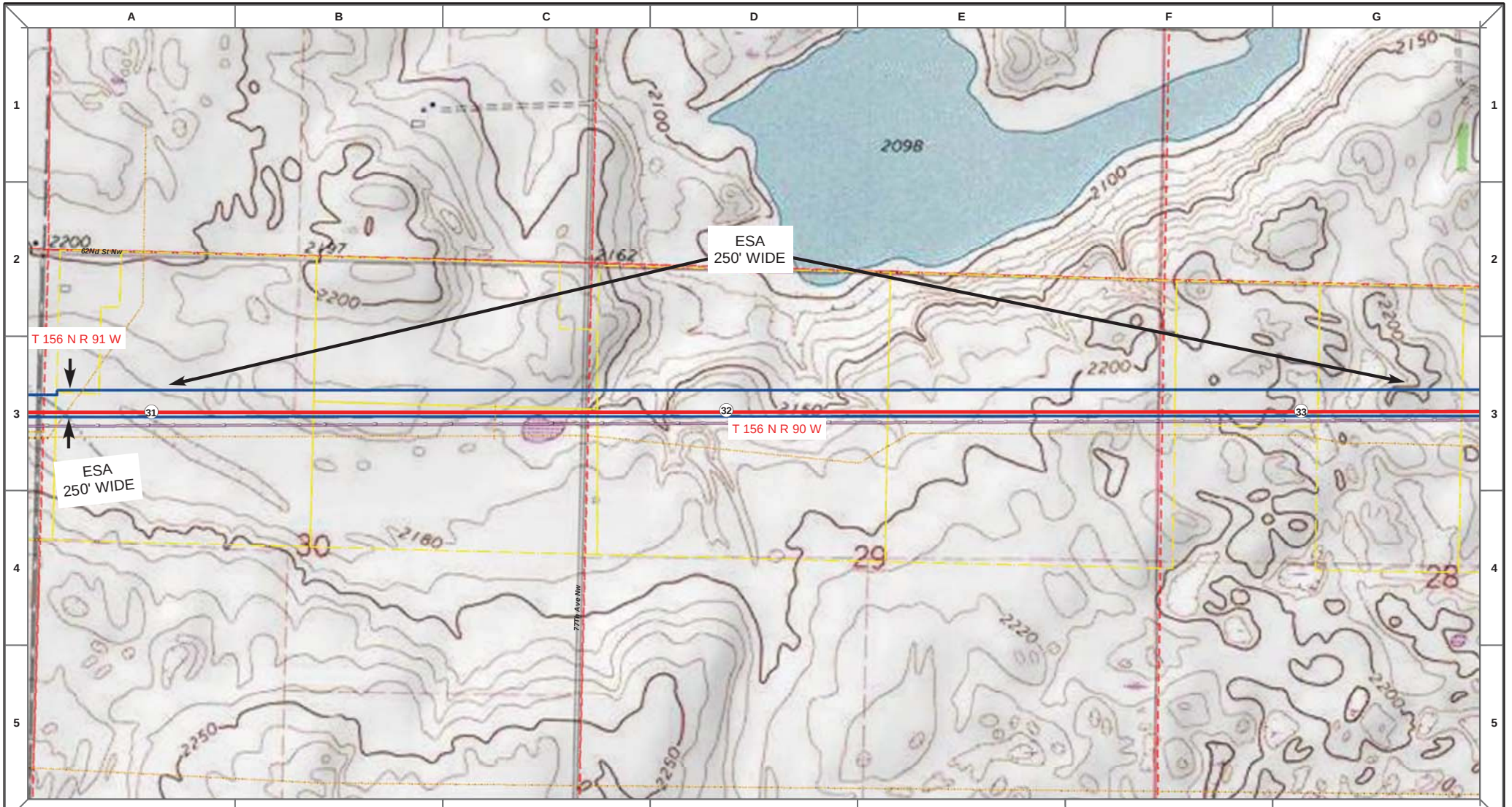
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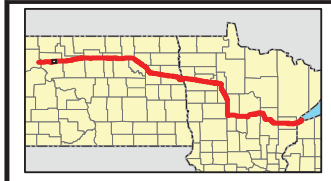
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:1 Map: 13 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

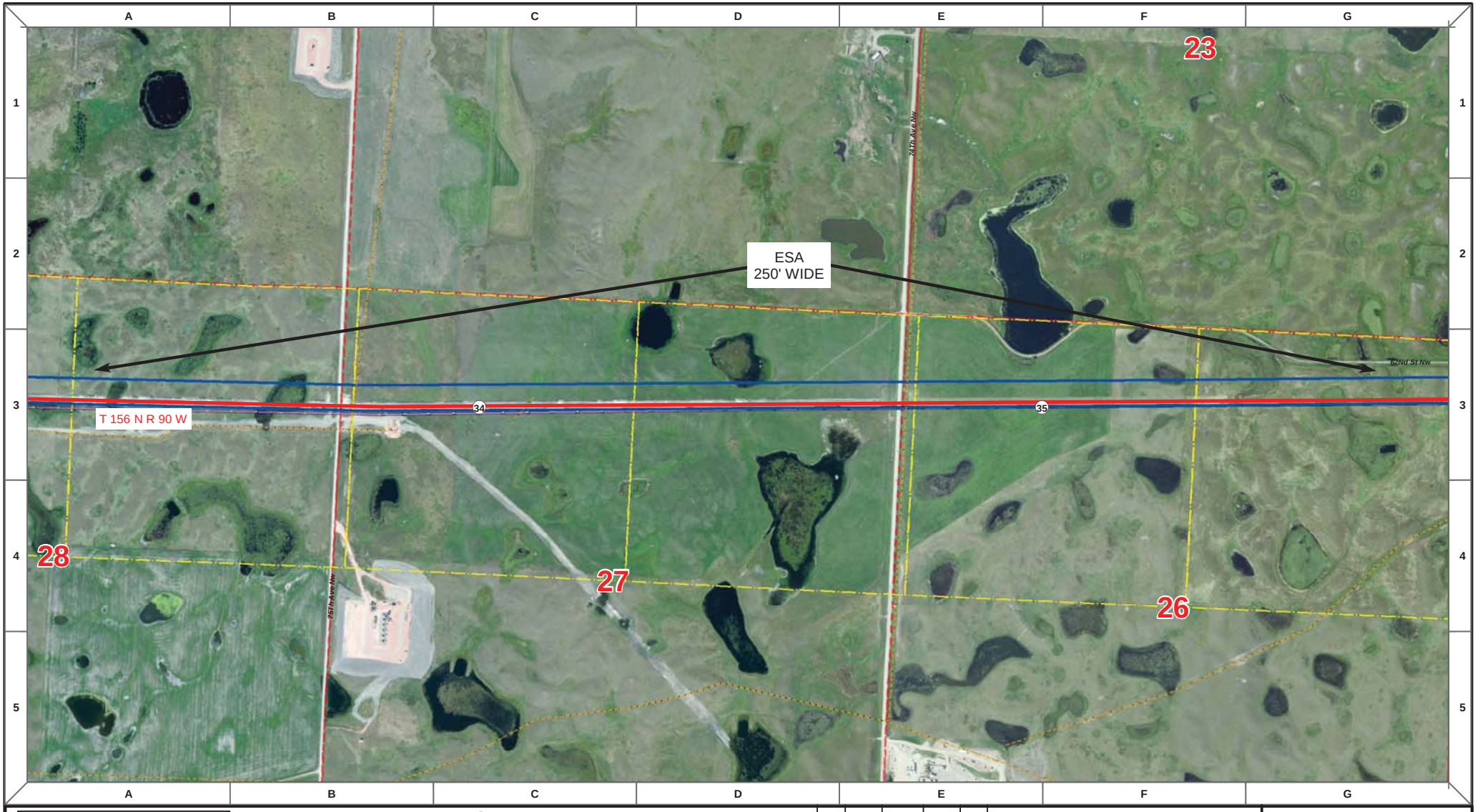
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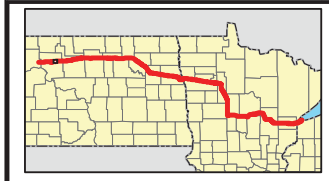
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 13 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

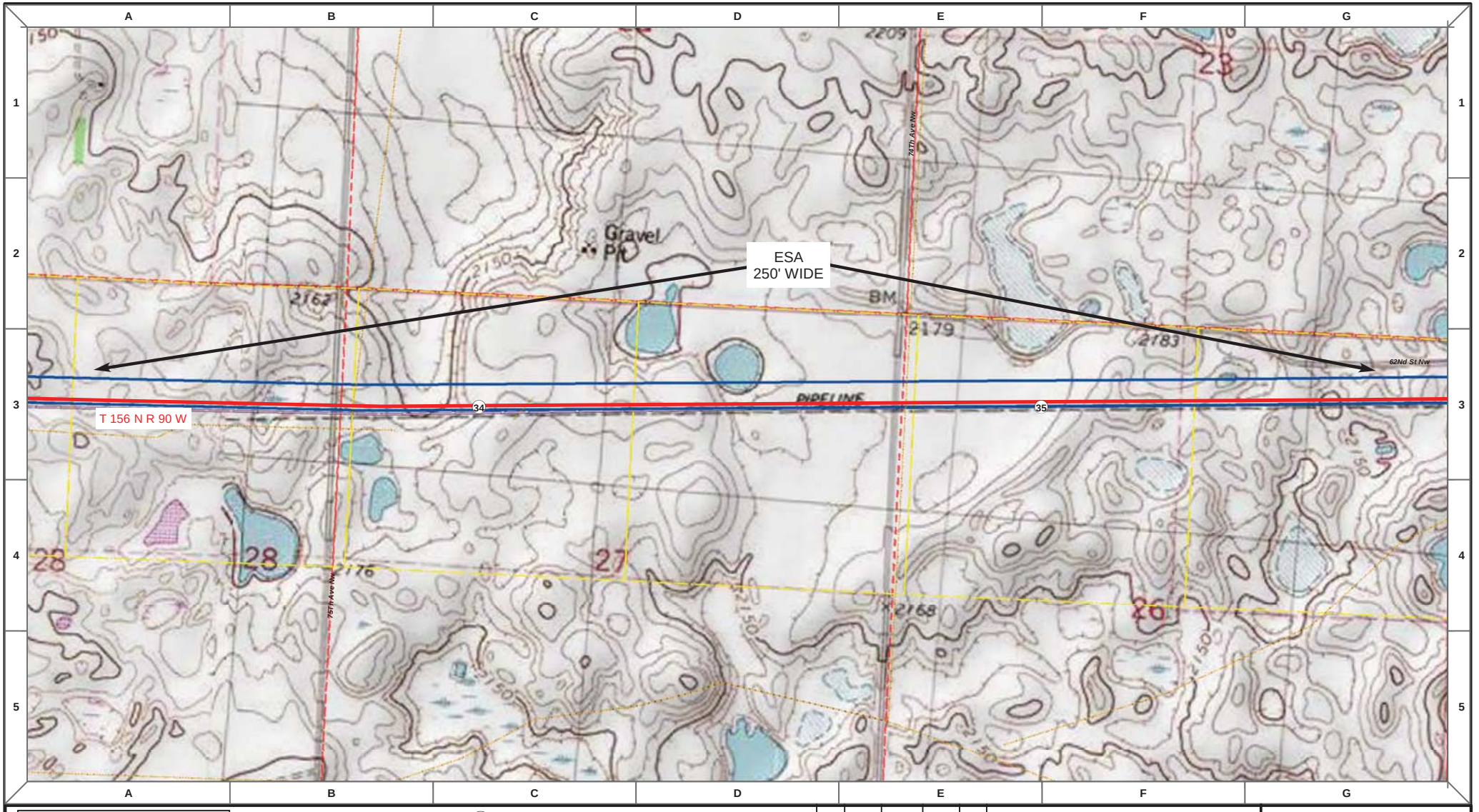
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 14 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

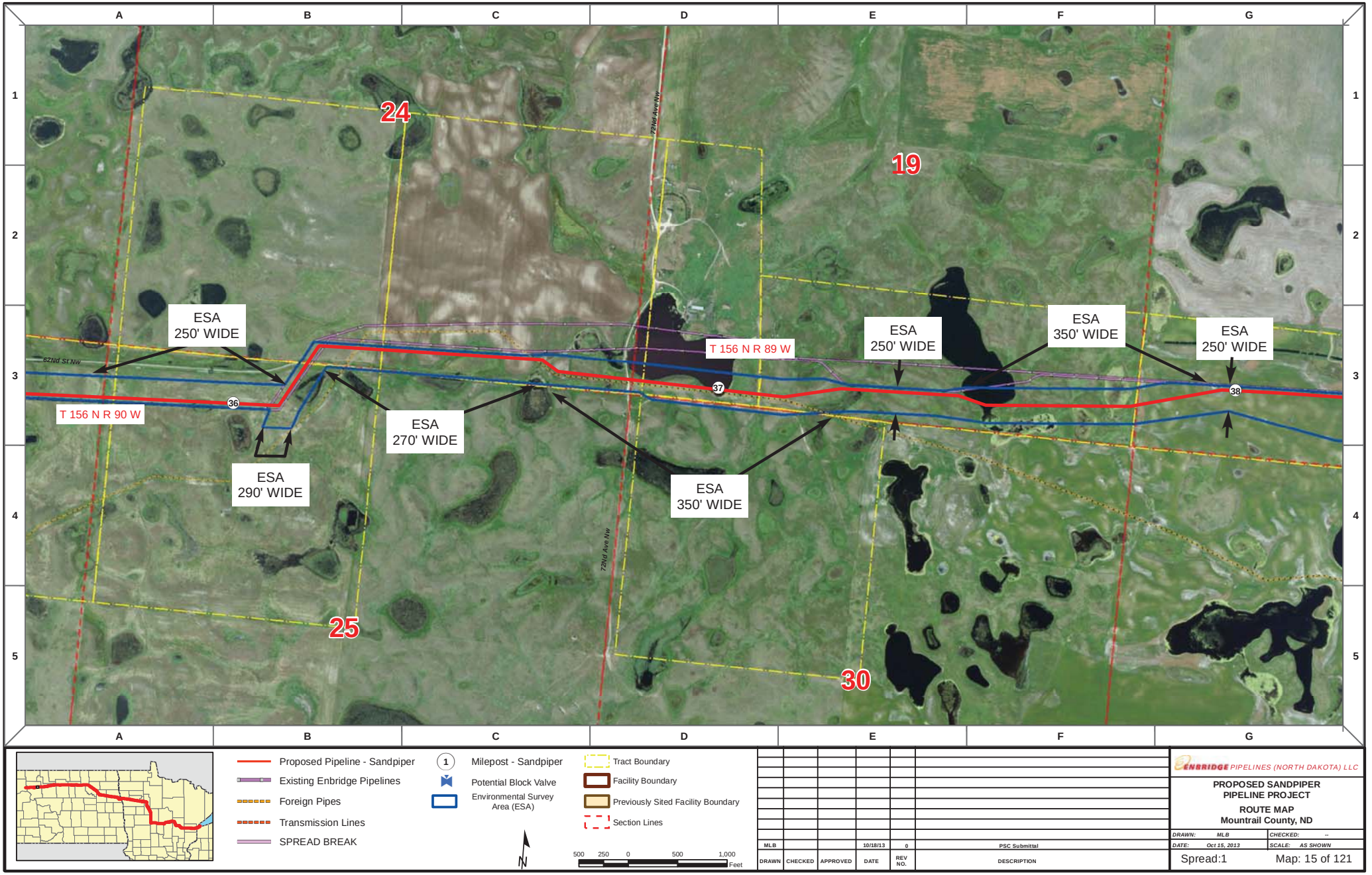
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 14 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
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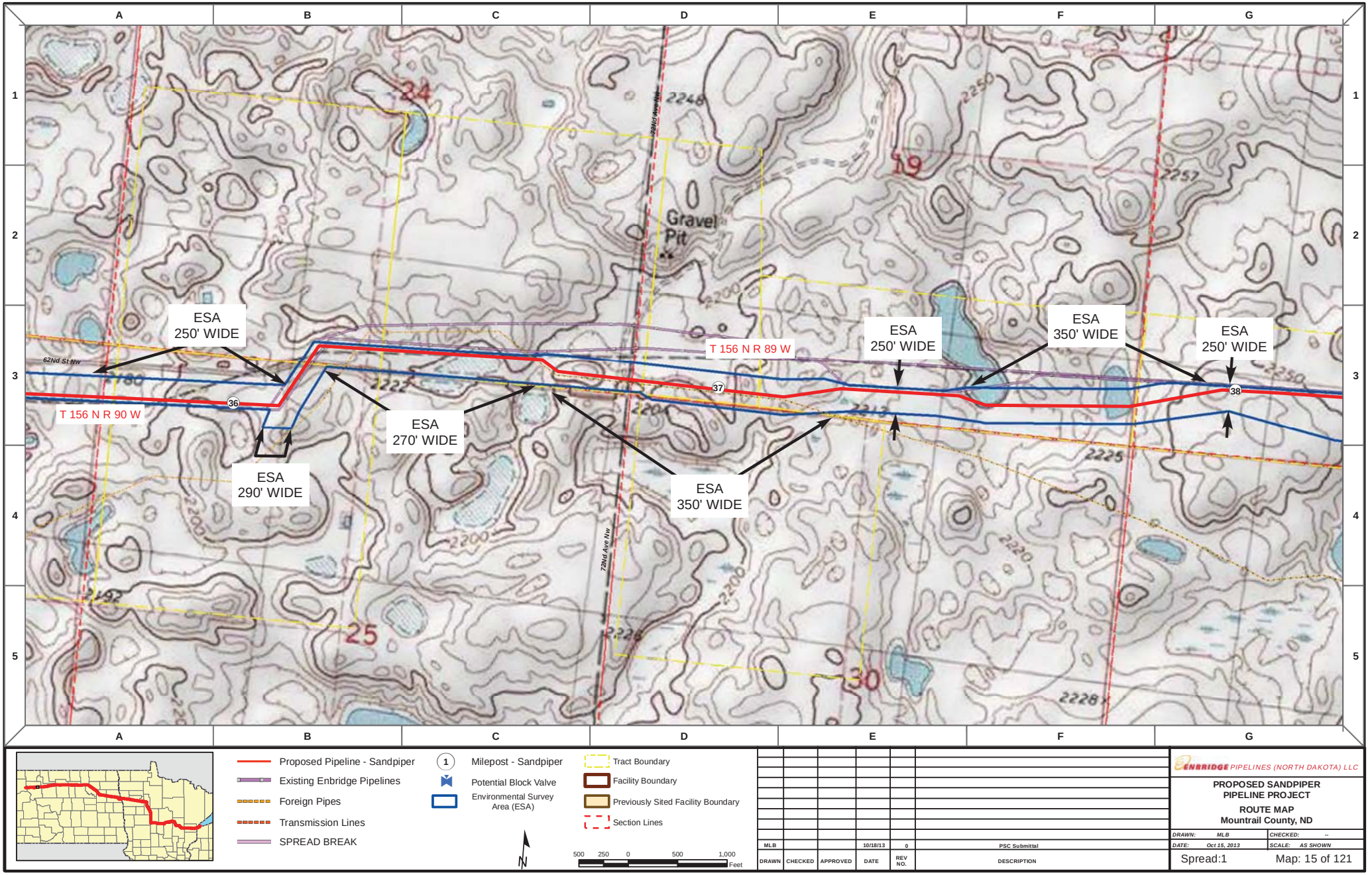
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 15 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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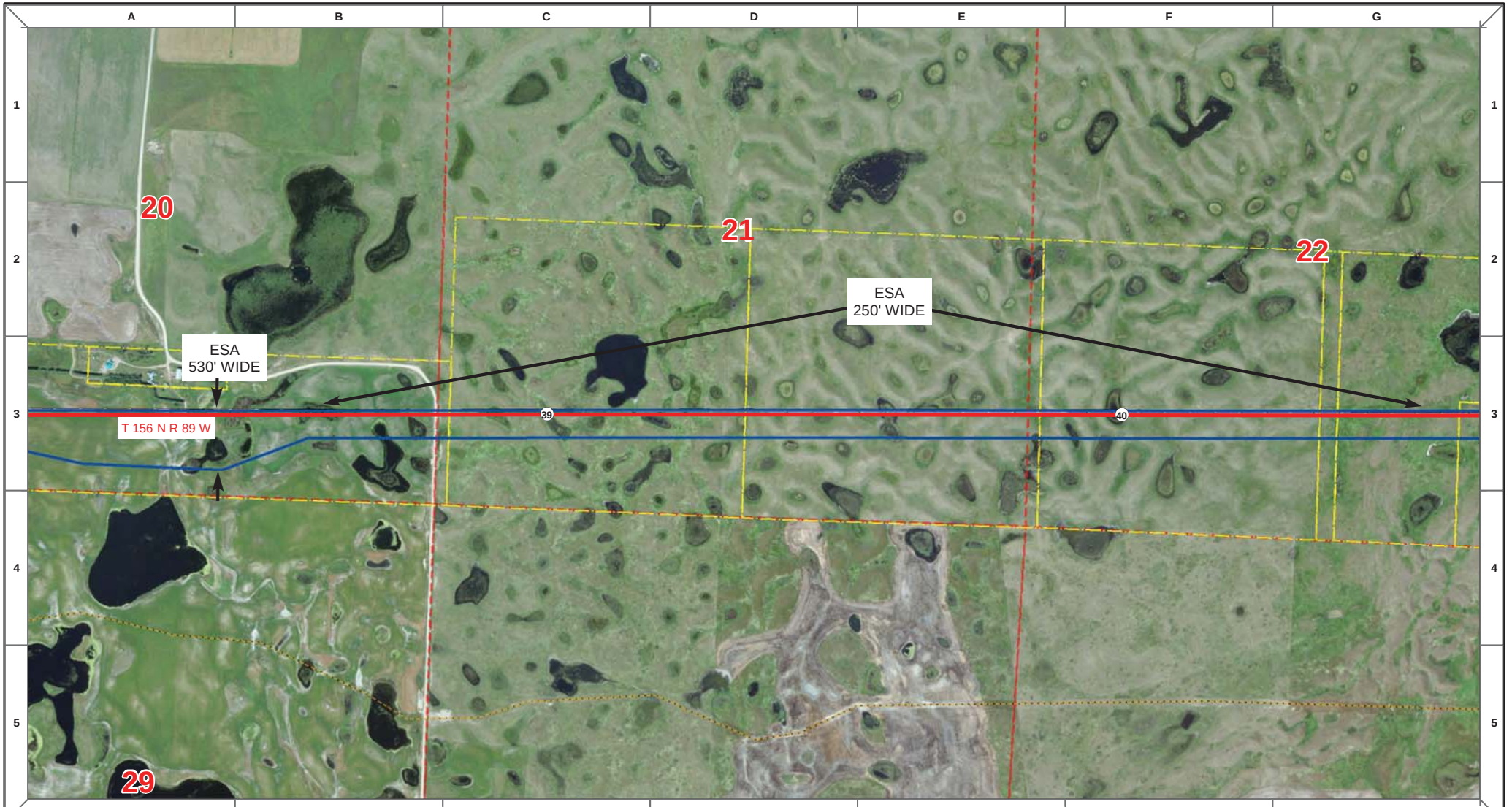
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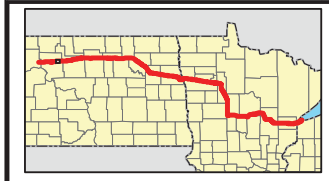
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 15 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

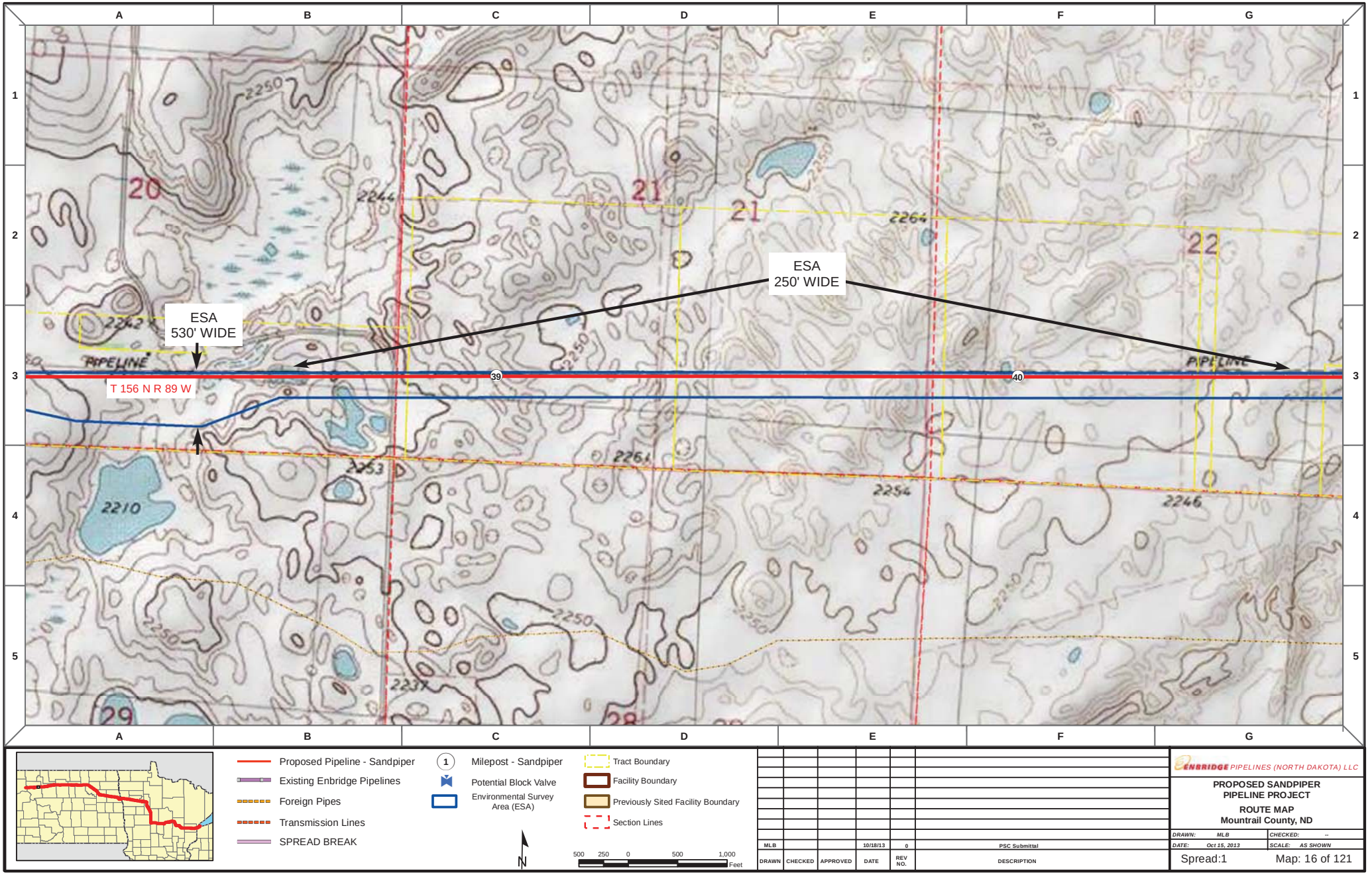
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:1 Map: 16 of 121



DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

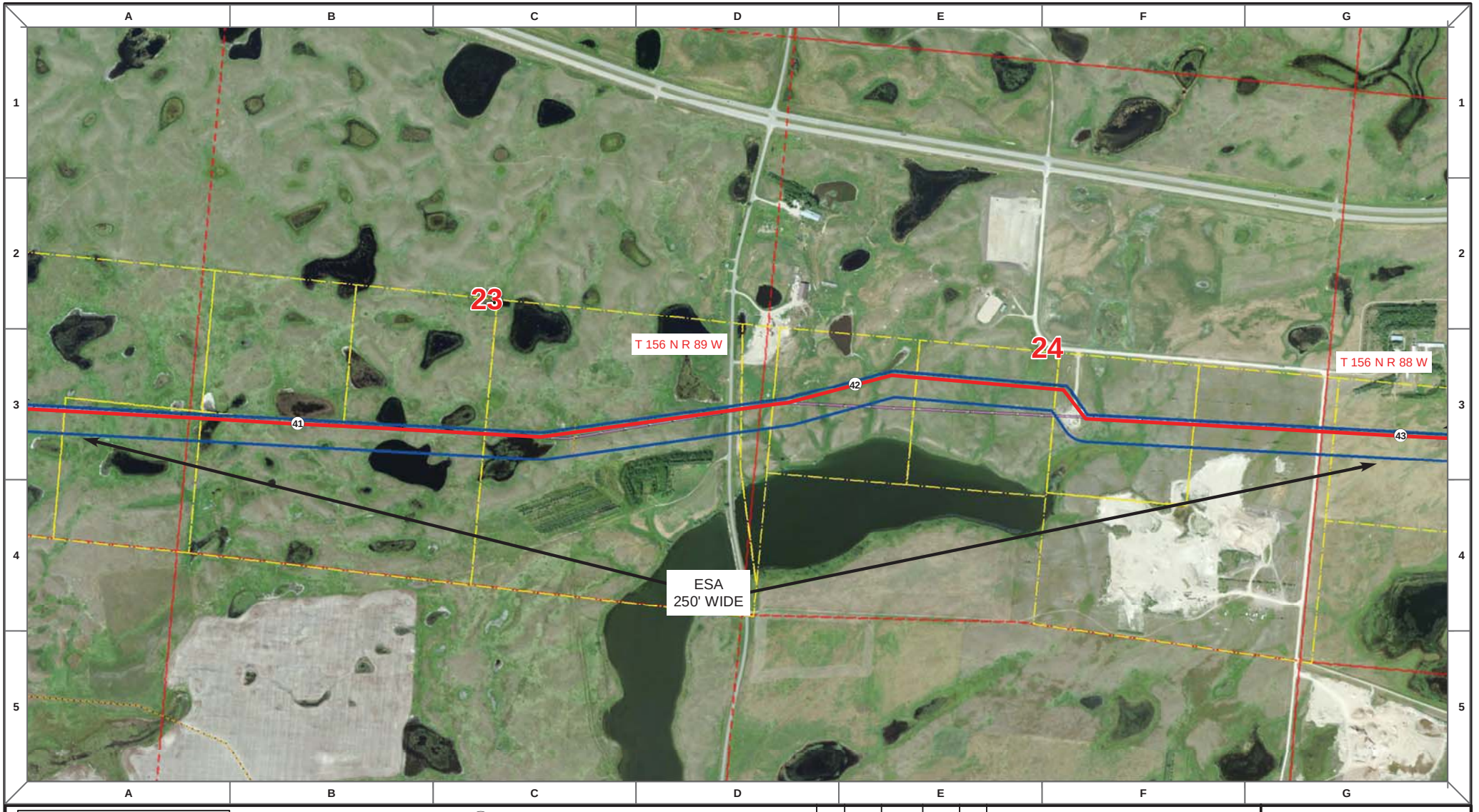
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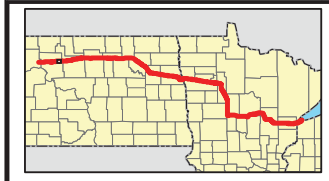
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:1 Map: 16 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

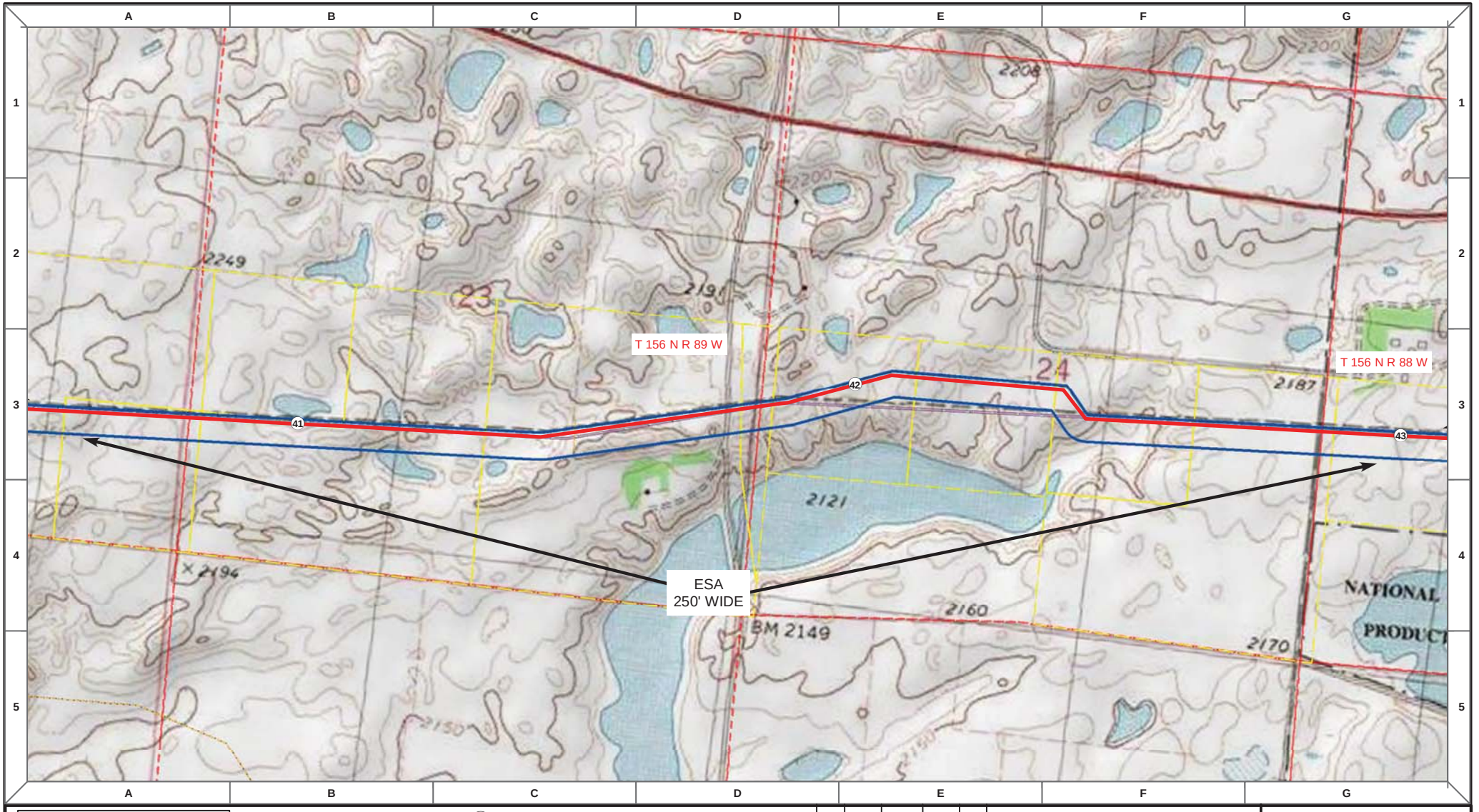
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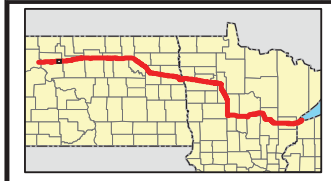
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 17 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

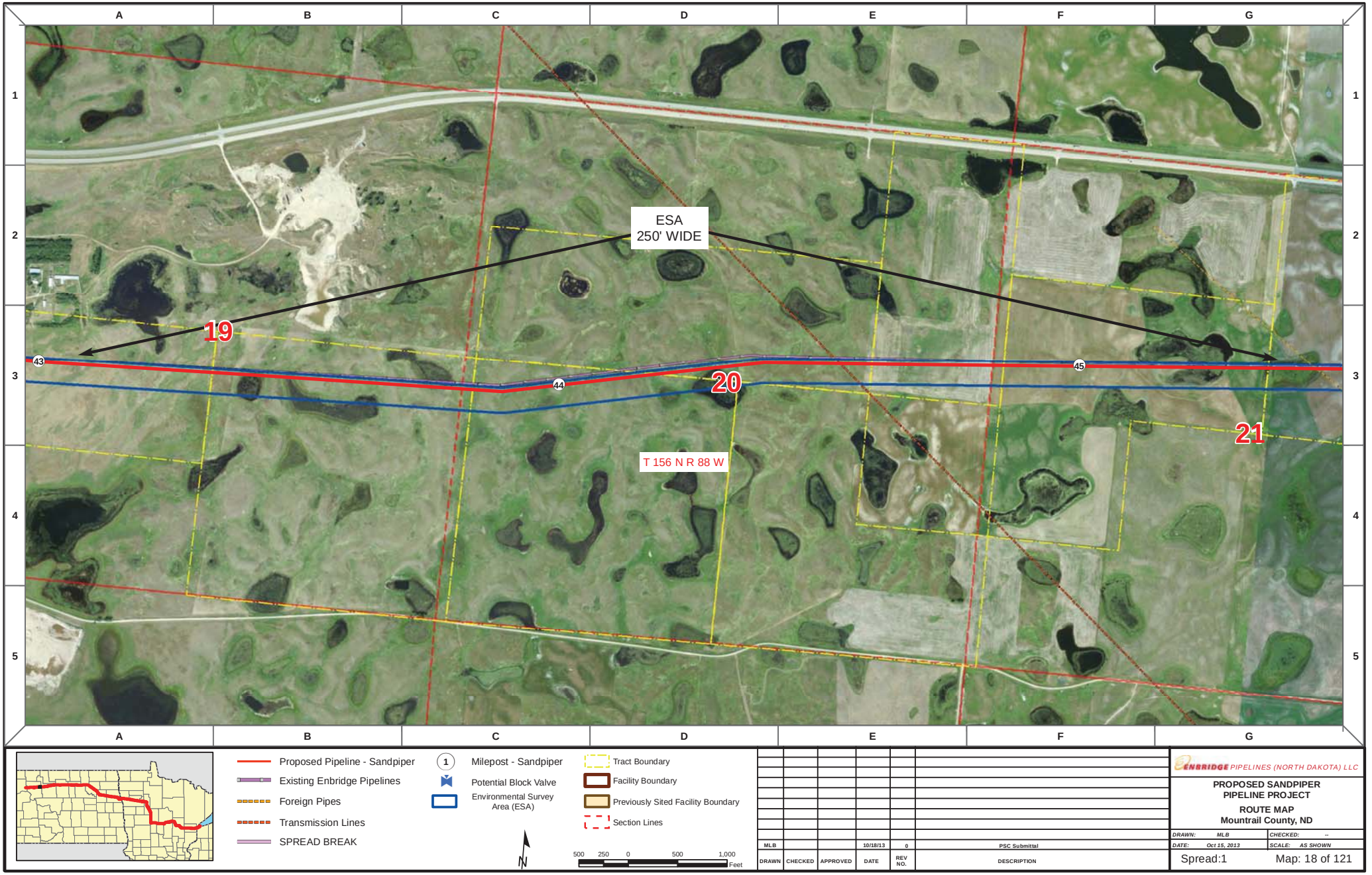
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 17 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
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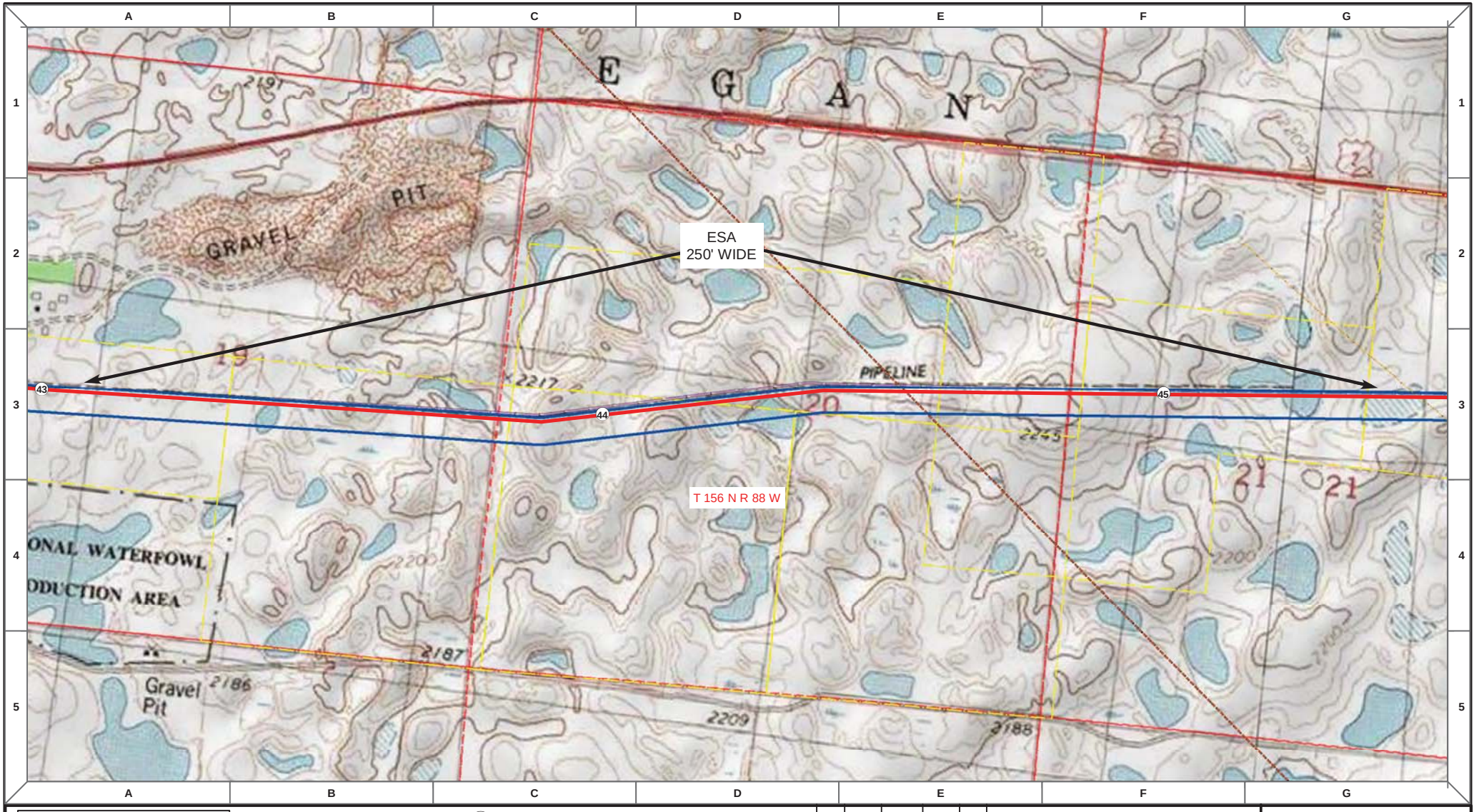
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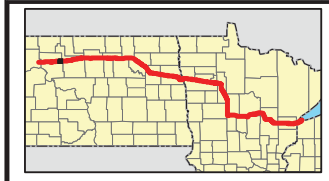
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 18 of 121





- Proposed Pipeline - Sandpiper
- Existing Enbridge Pipelines
- Foreign Pipes
- Transmission Lines
- SPREAD BREAK
- (1) Milepost - Sandpiper
- Potential Block Valve
- Environmental Survey Area (ESA)
- Tract Boundary
- Facility Boundary
- Previously Sited Facility Boundary
- Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
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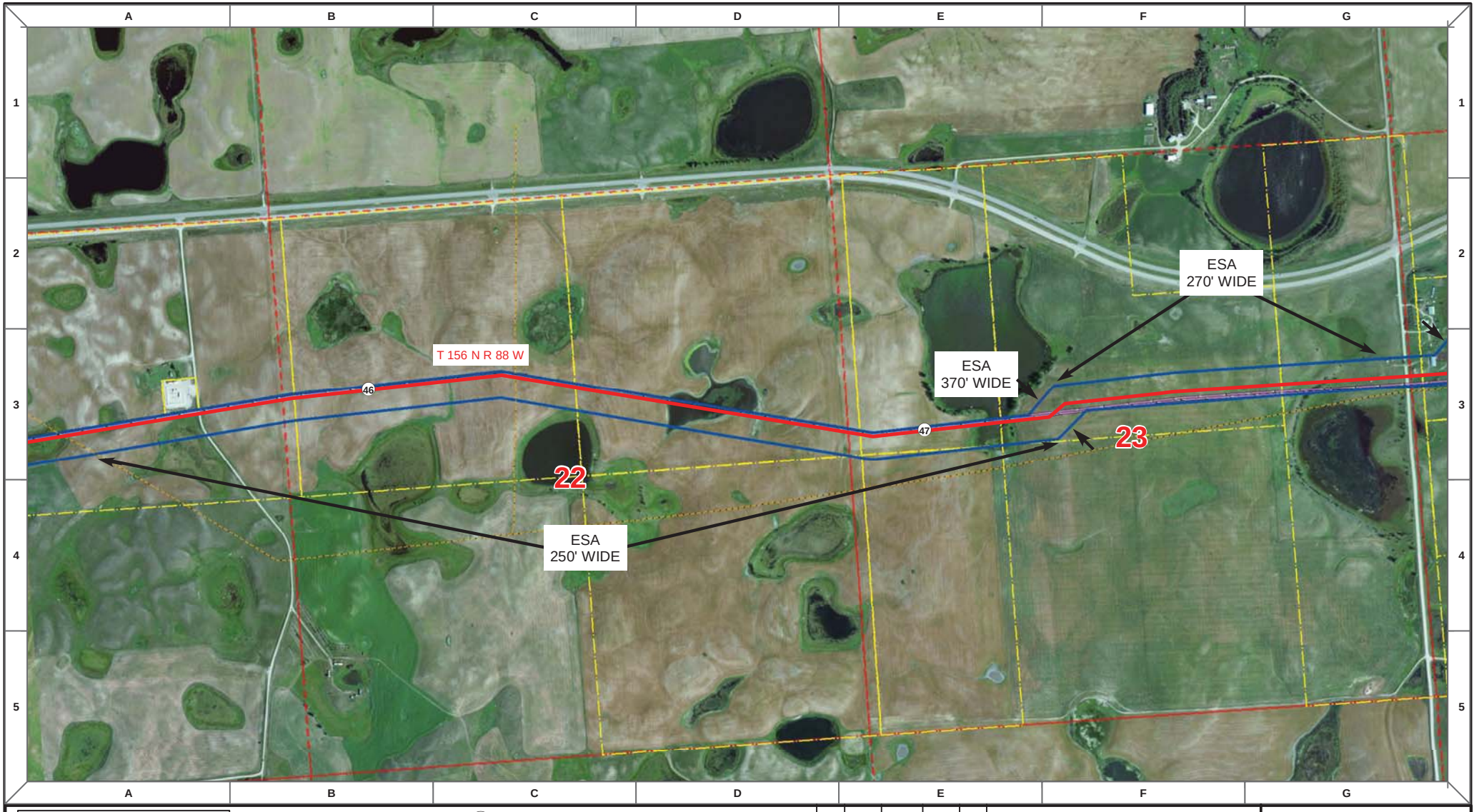
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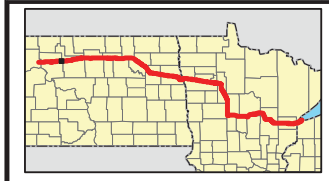
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 18 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
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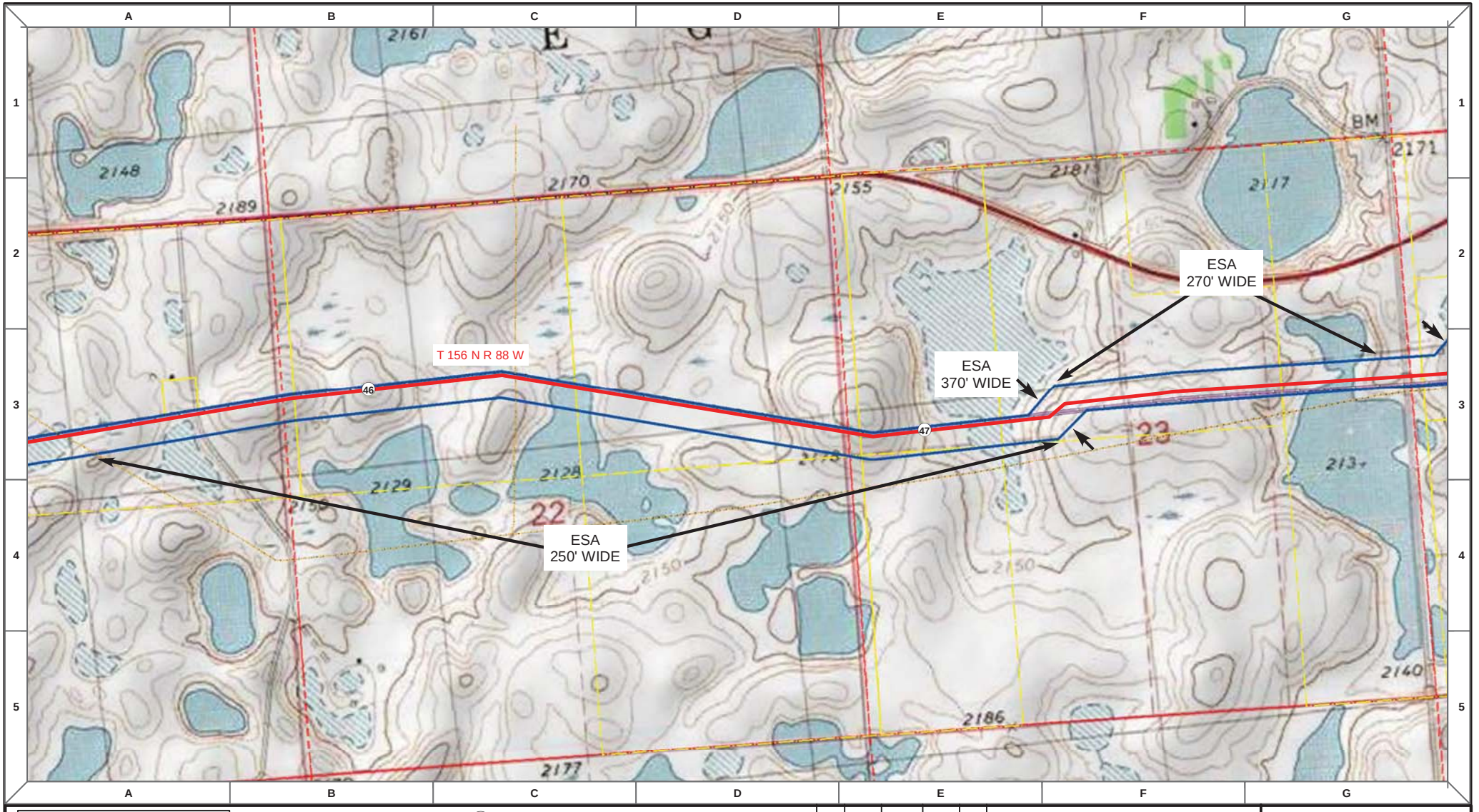
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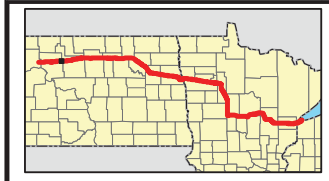
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 19 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

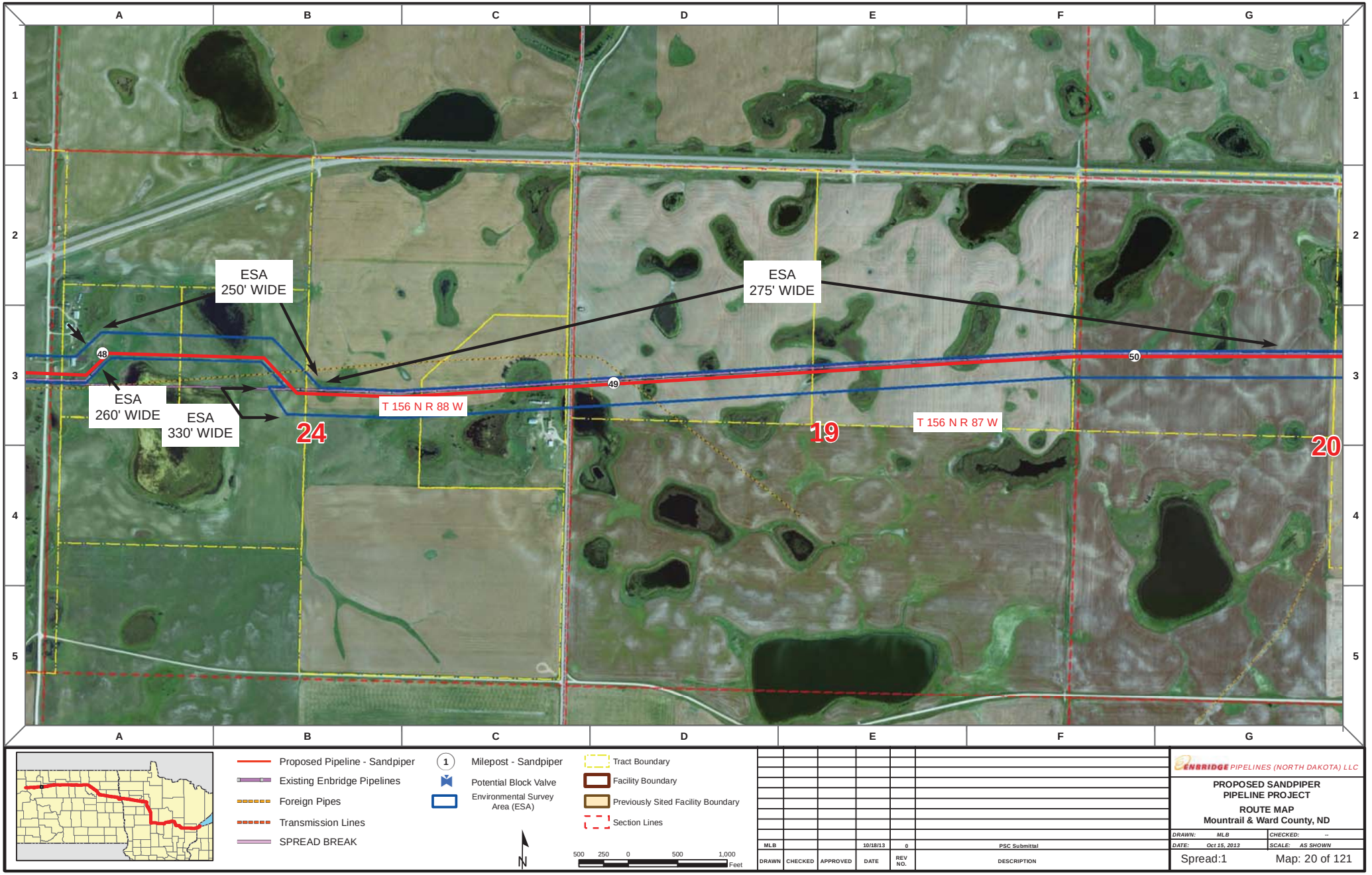
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 19 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

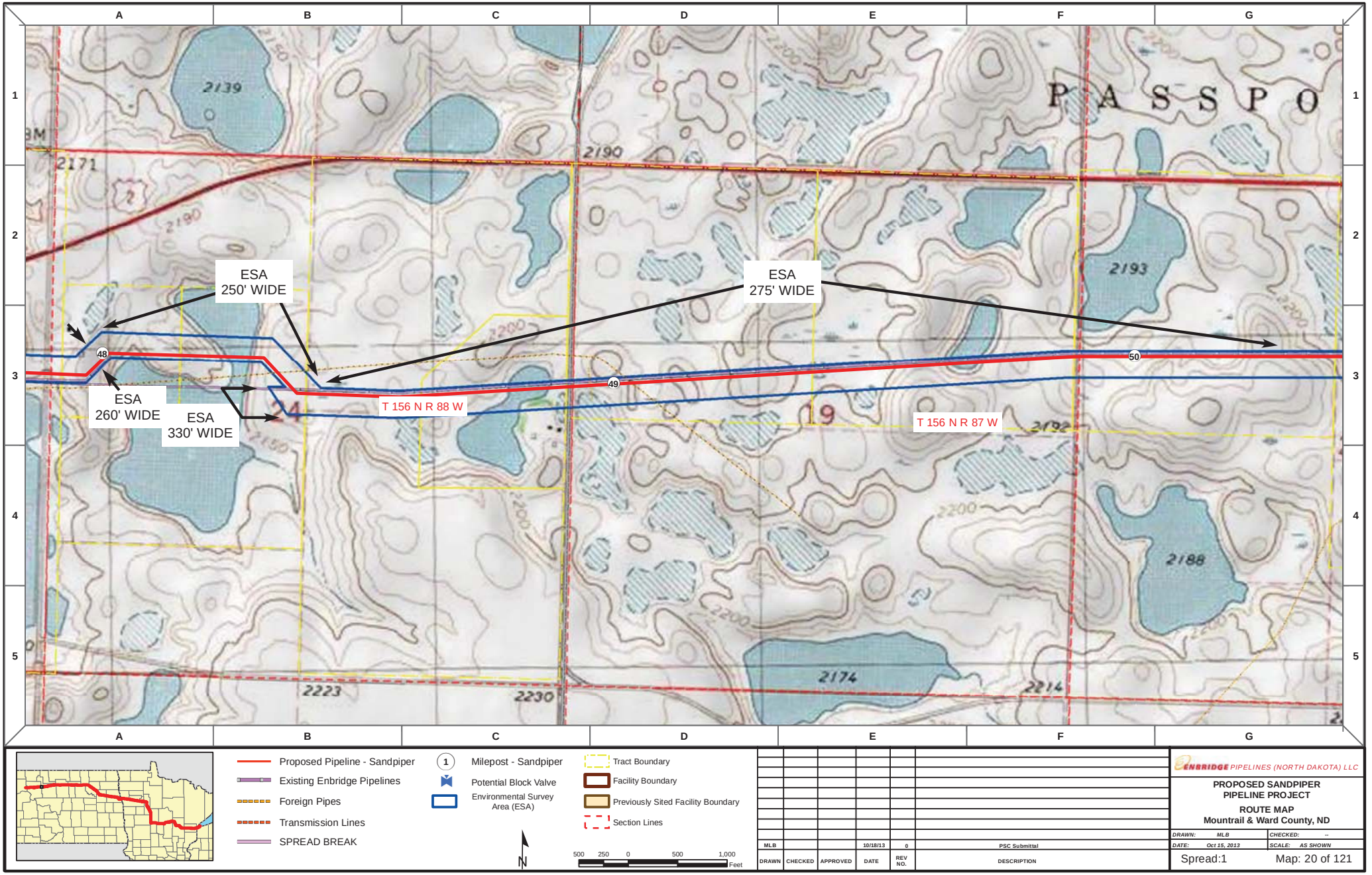
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail & Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 20 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

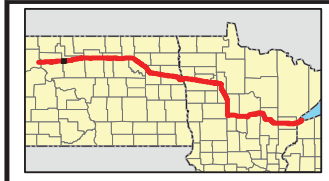
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail & Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 20 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

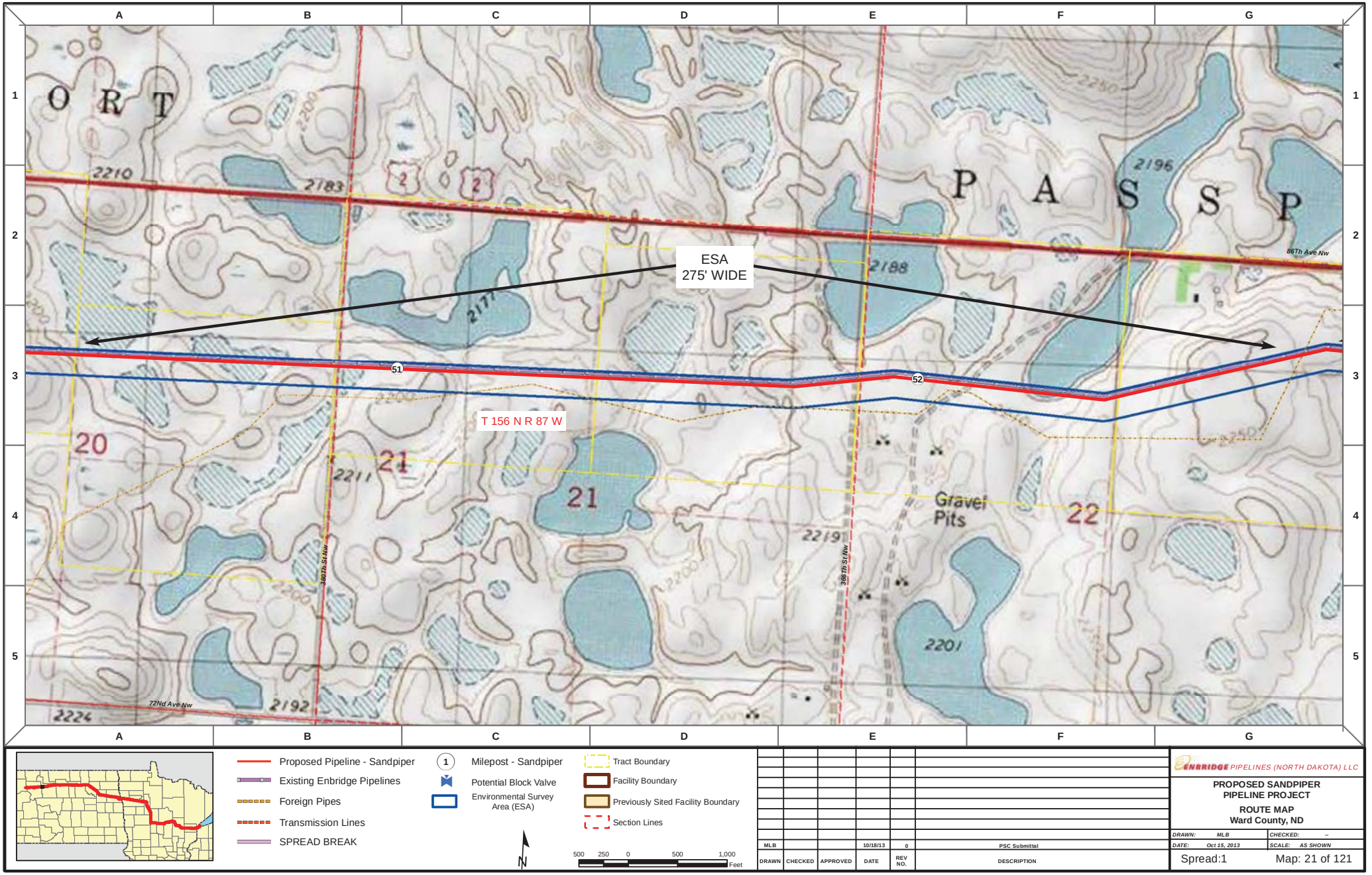
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 21 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

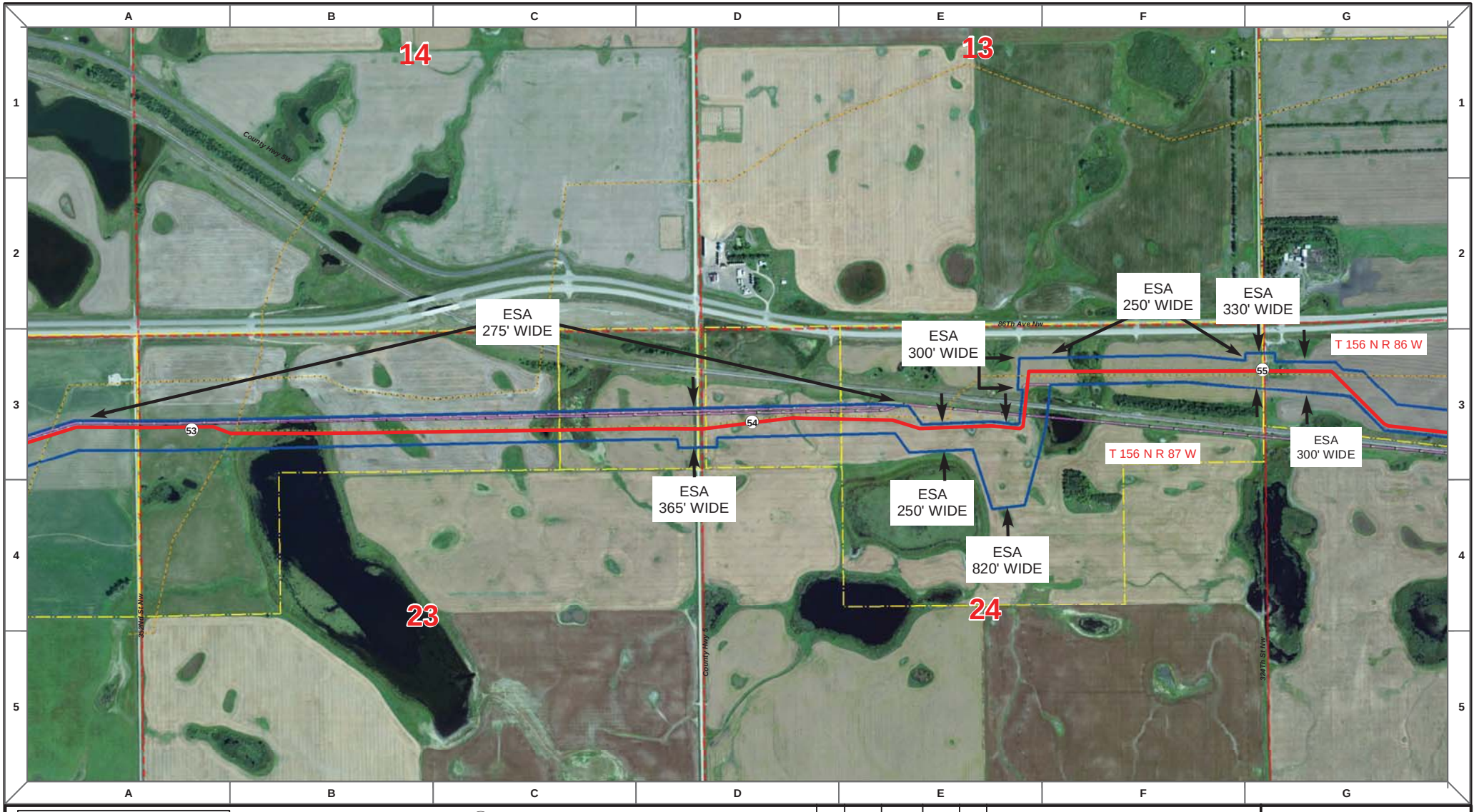
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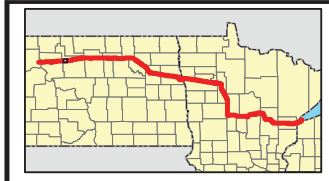
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 21 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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MLB			10/18/13	0	PSC Submittal

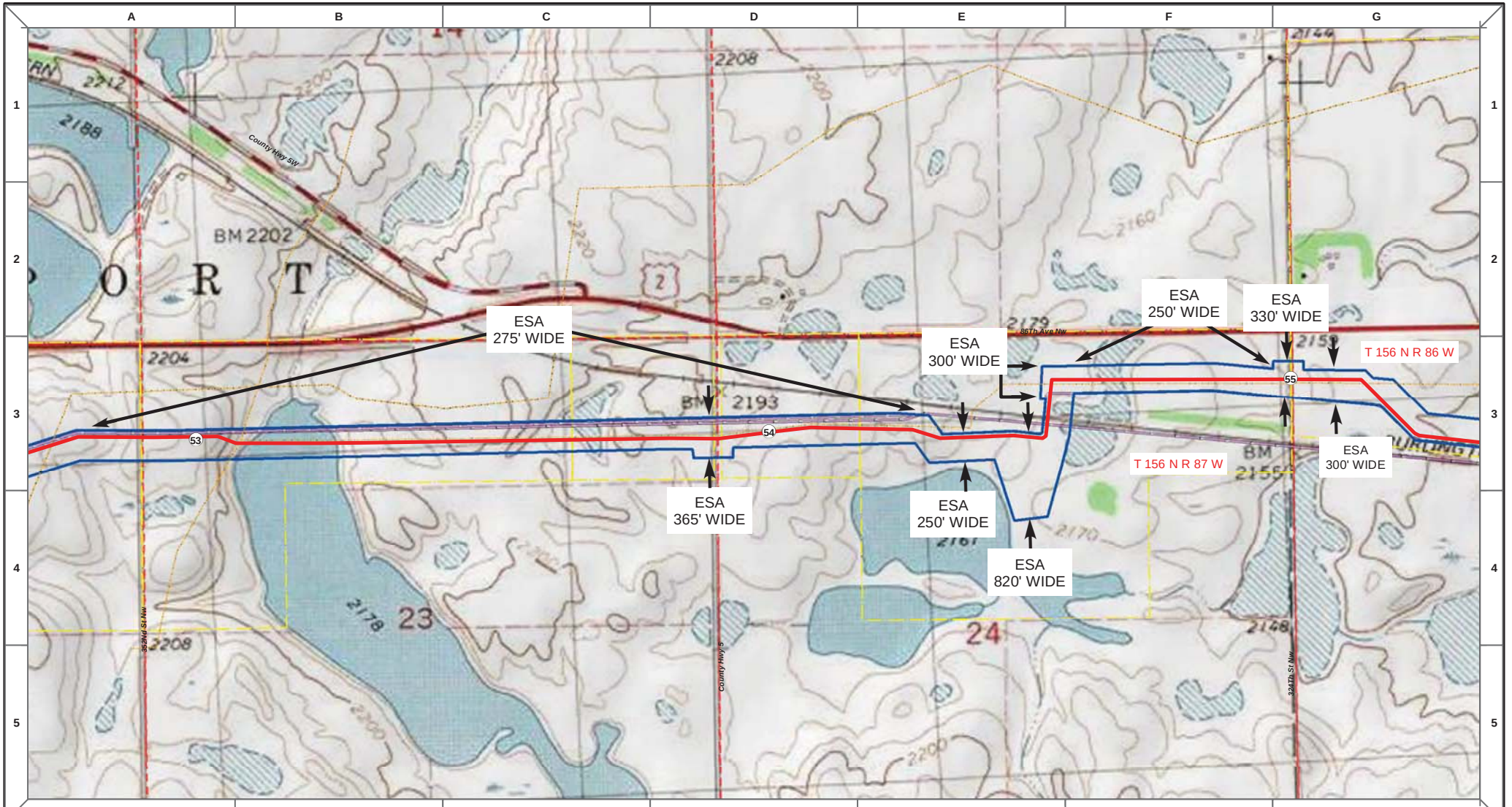
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 22 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

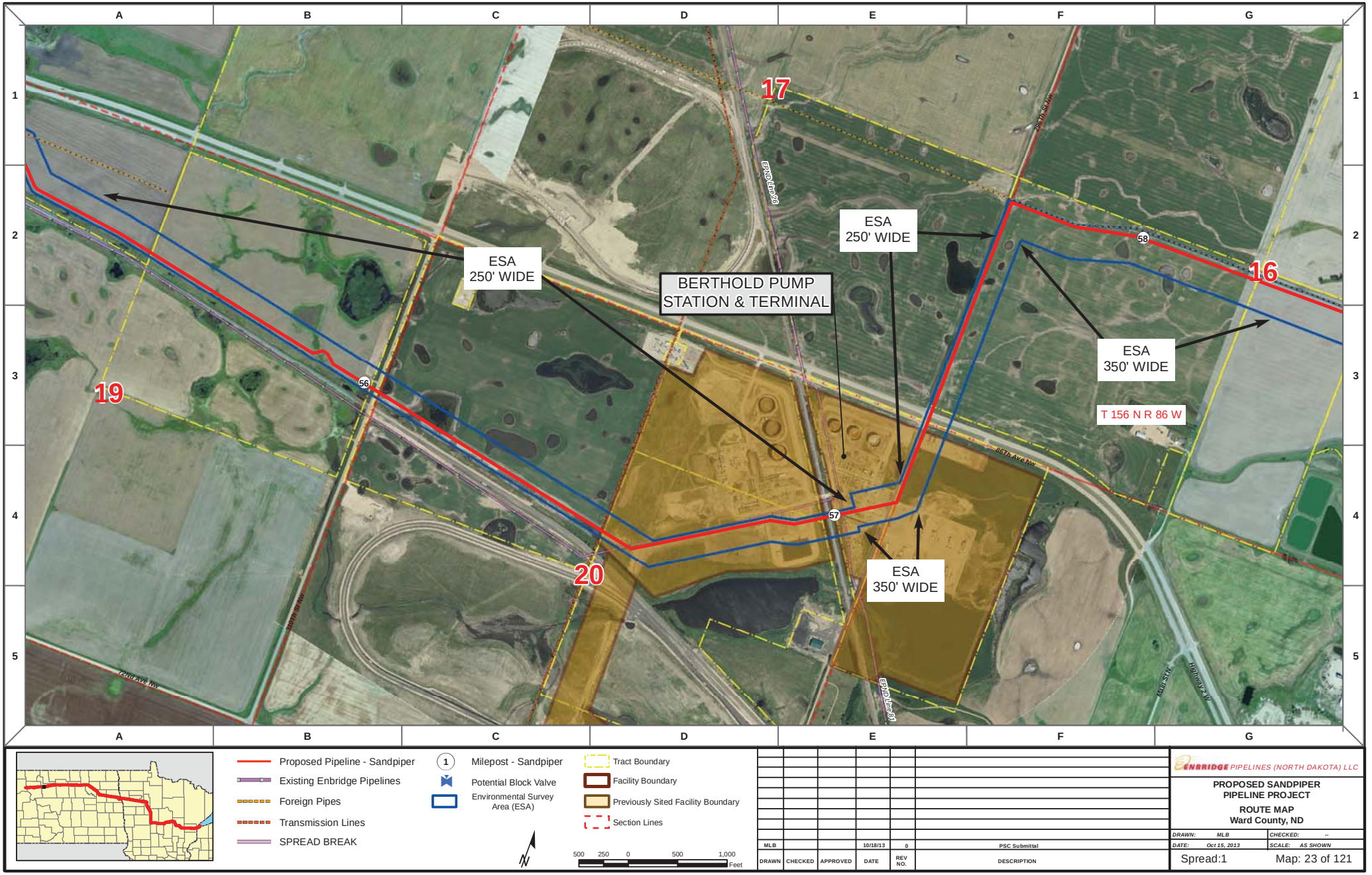
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 22 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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MLB			10/18/13	0	PSC Submittal

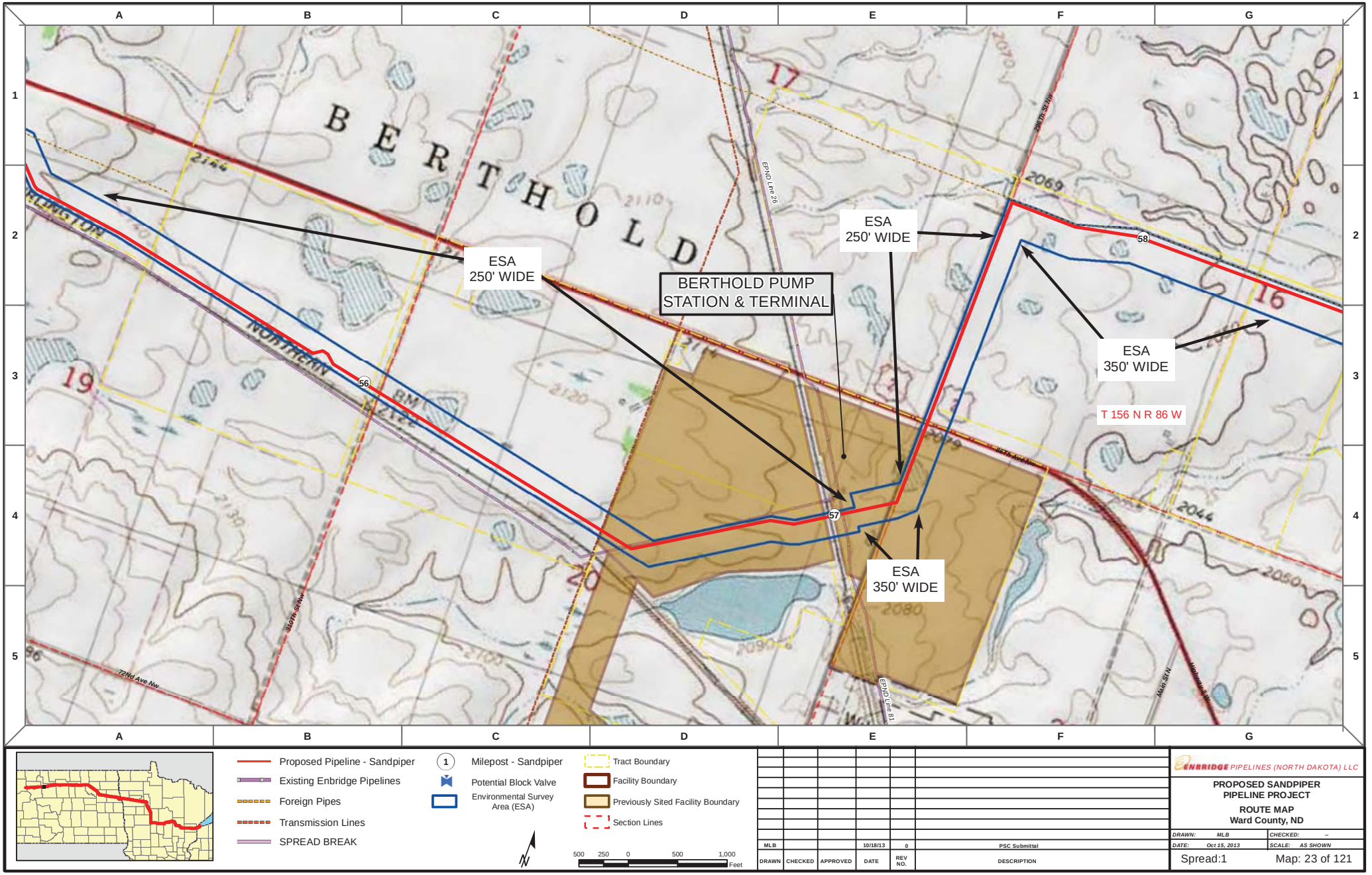
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 23 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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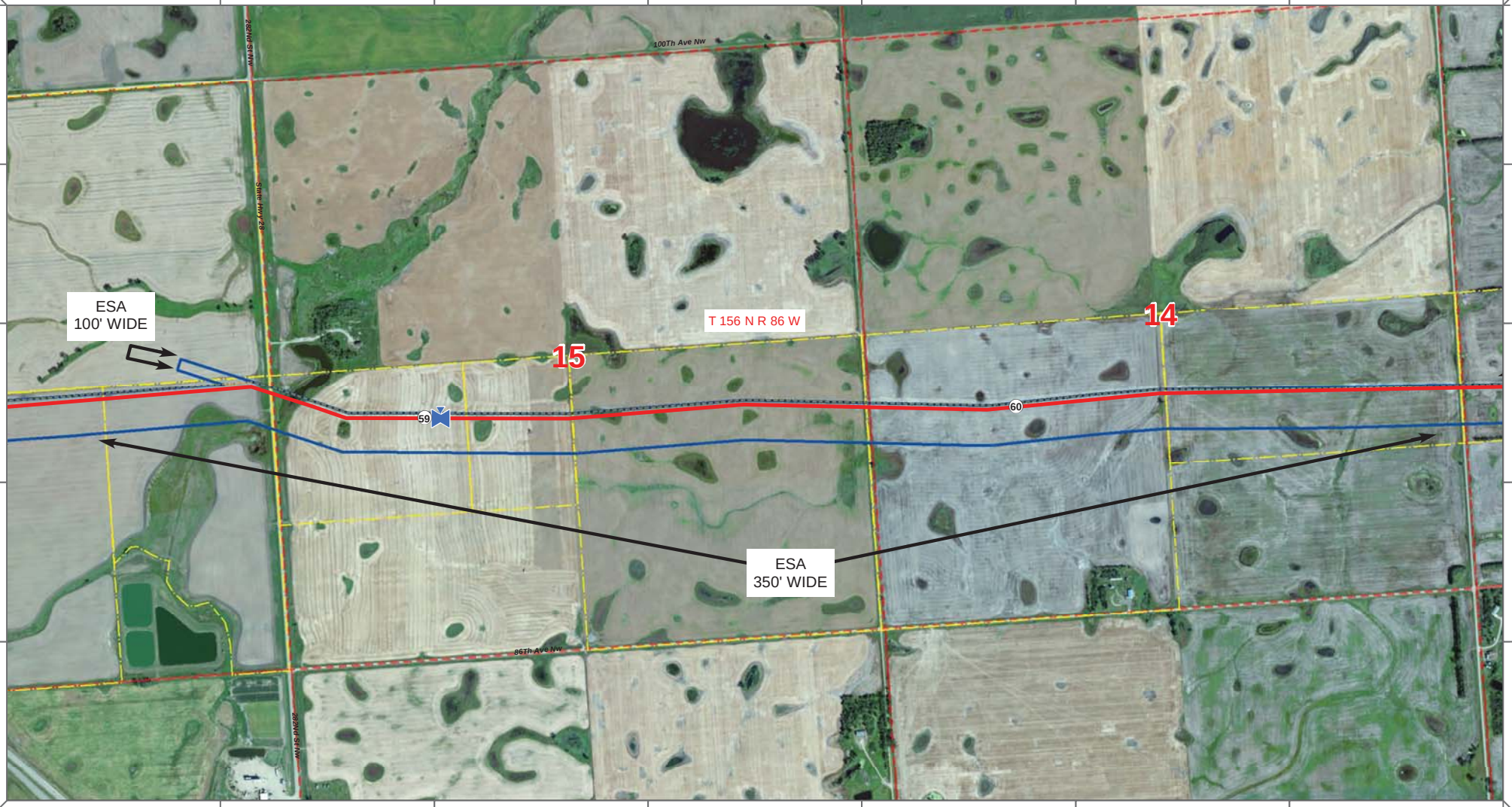
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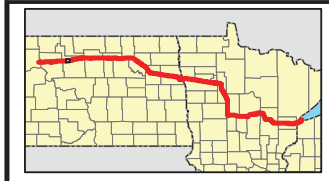
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

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DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 23 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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MLB			10/18/13	0	PSC Submittal

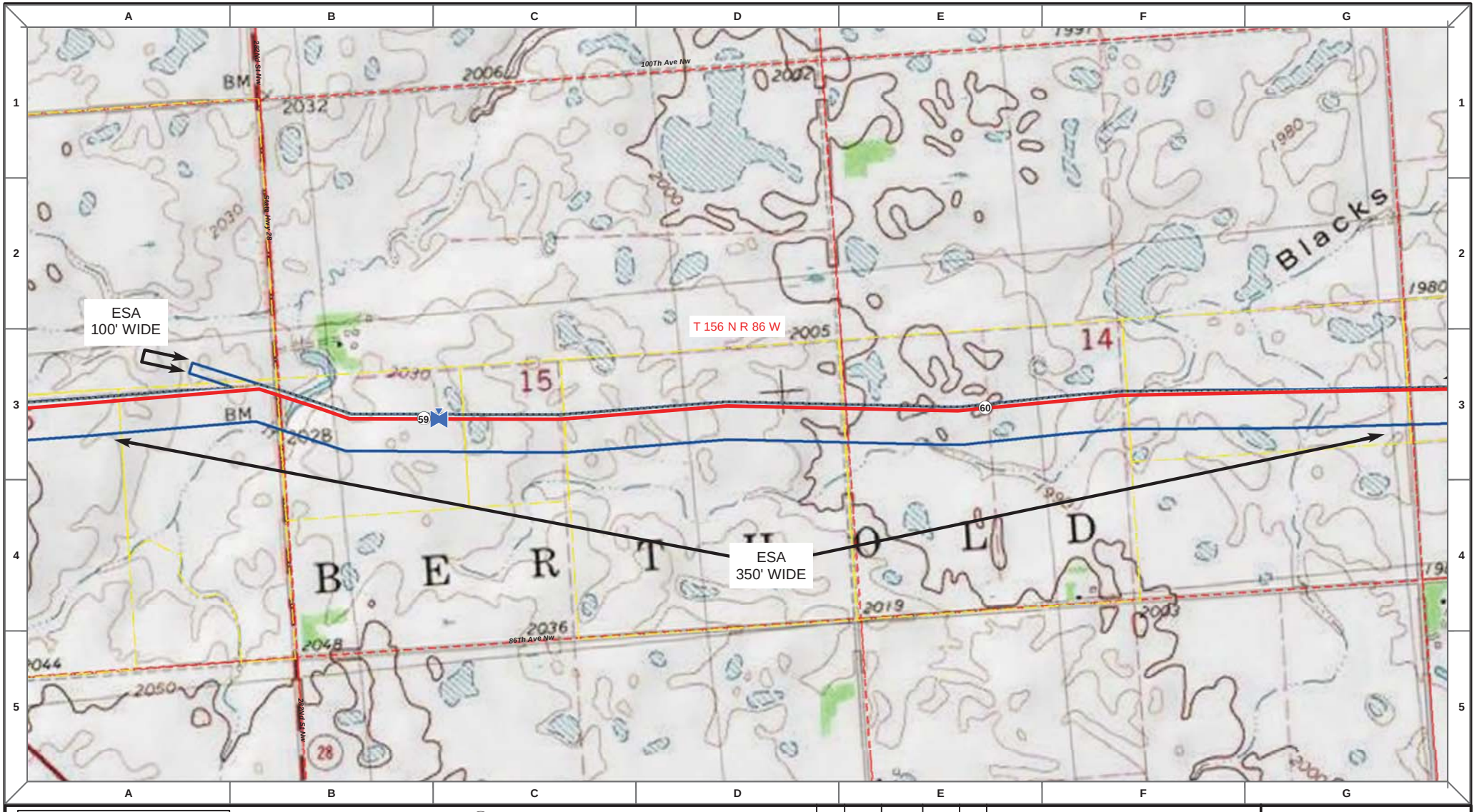
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 24 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
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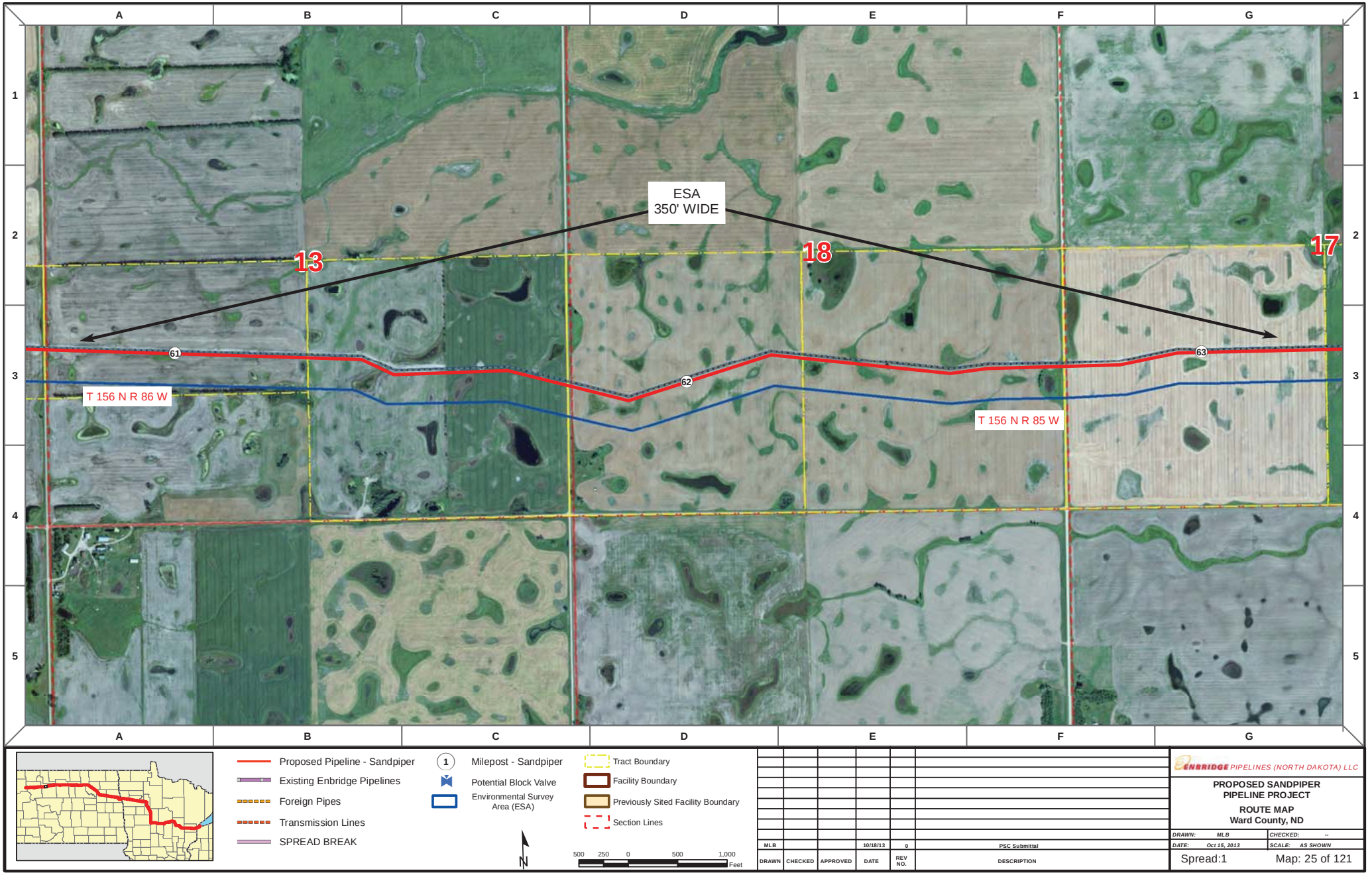
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 24 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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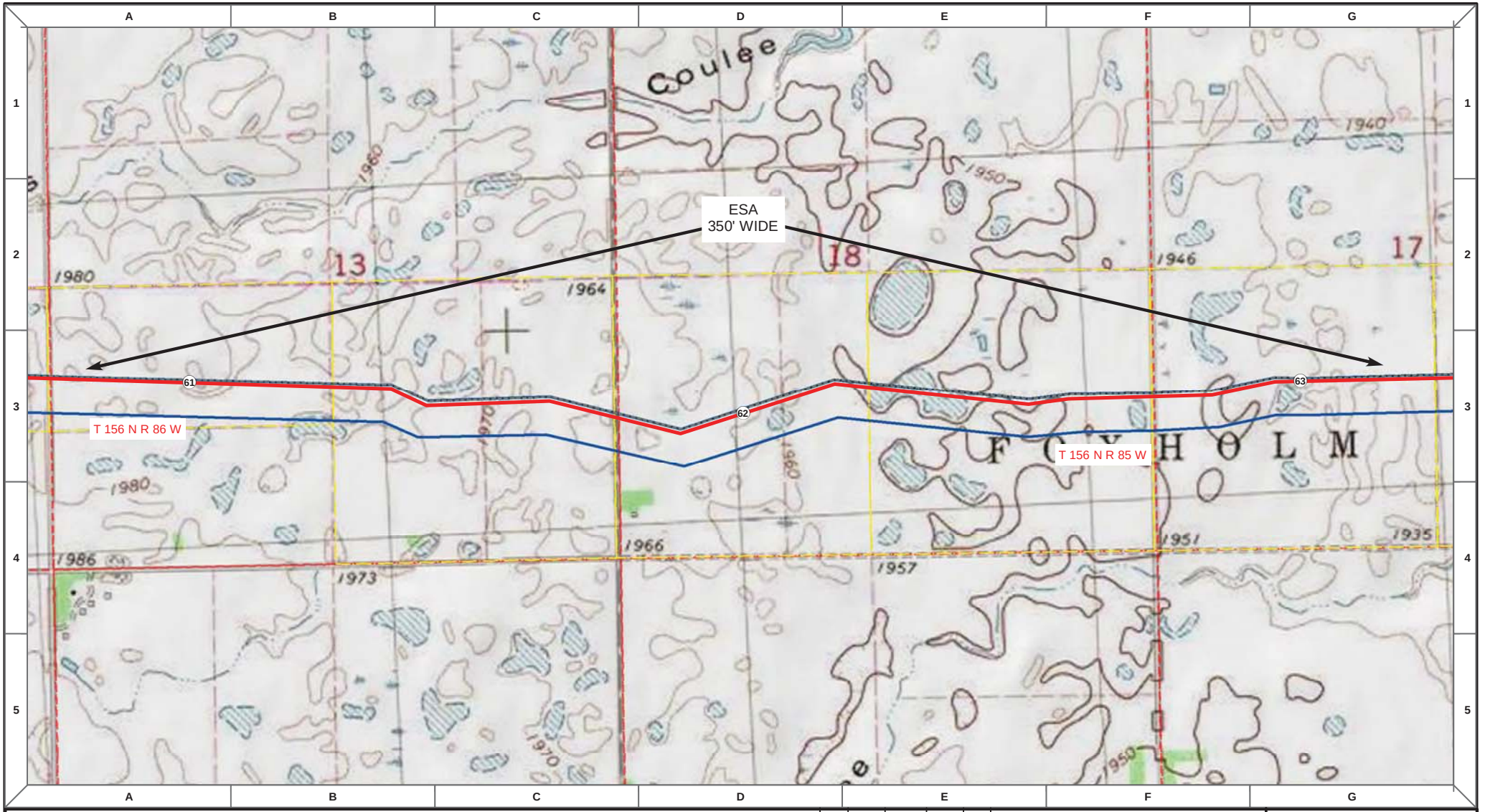
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

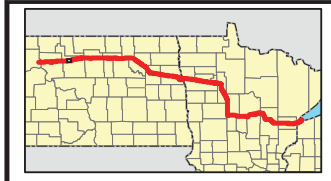
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 25 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

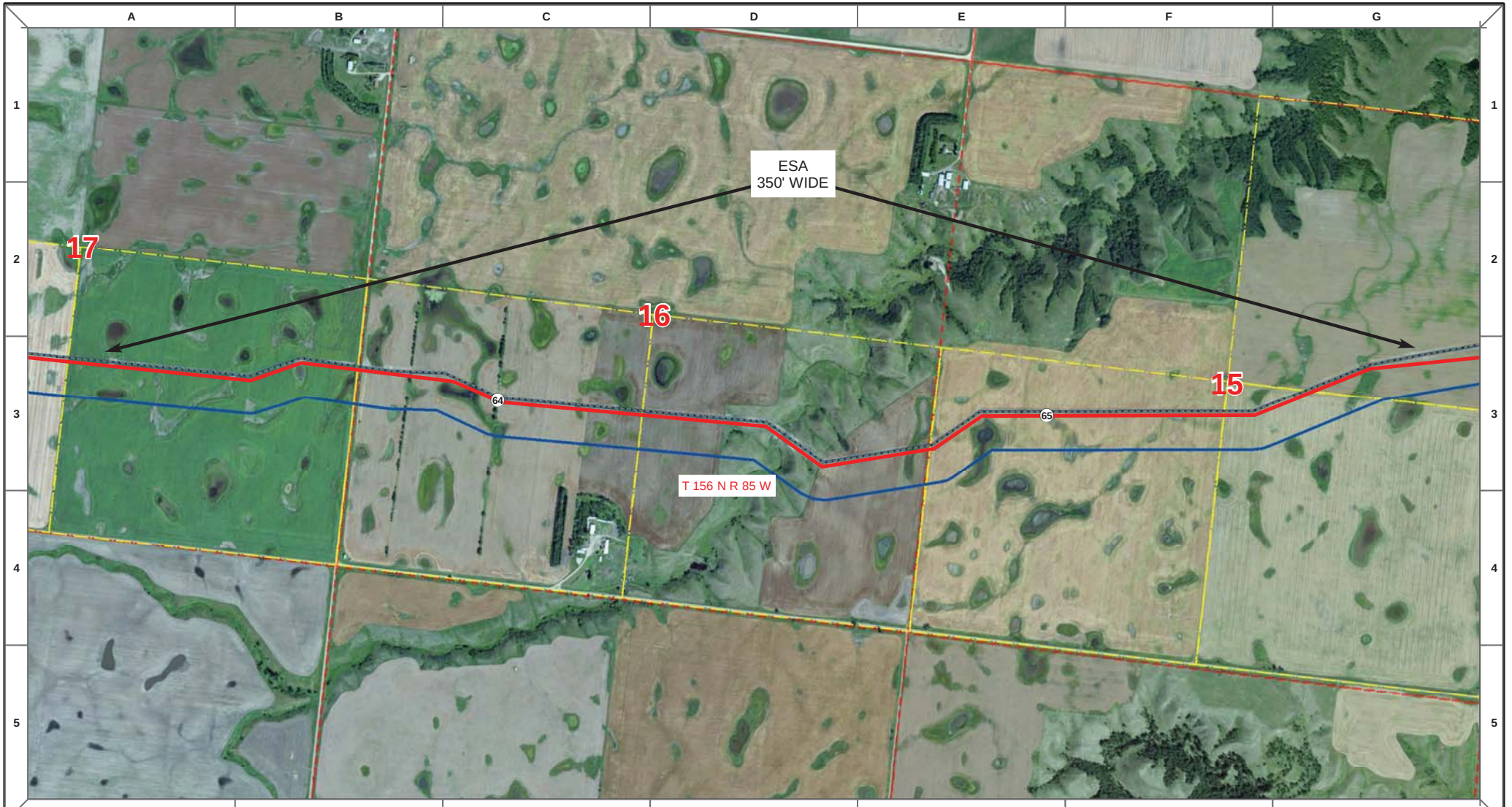
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

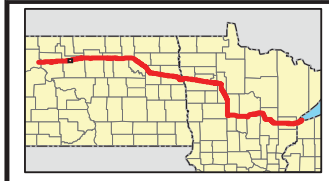
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 25 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

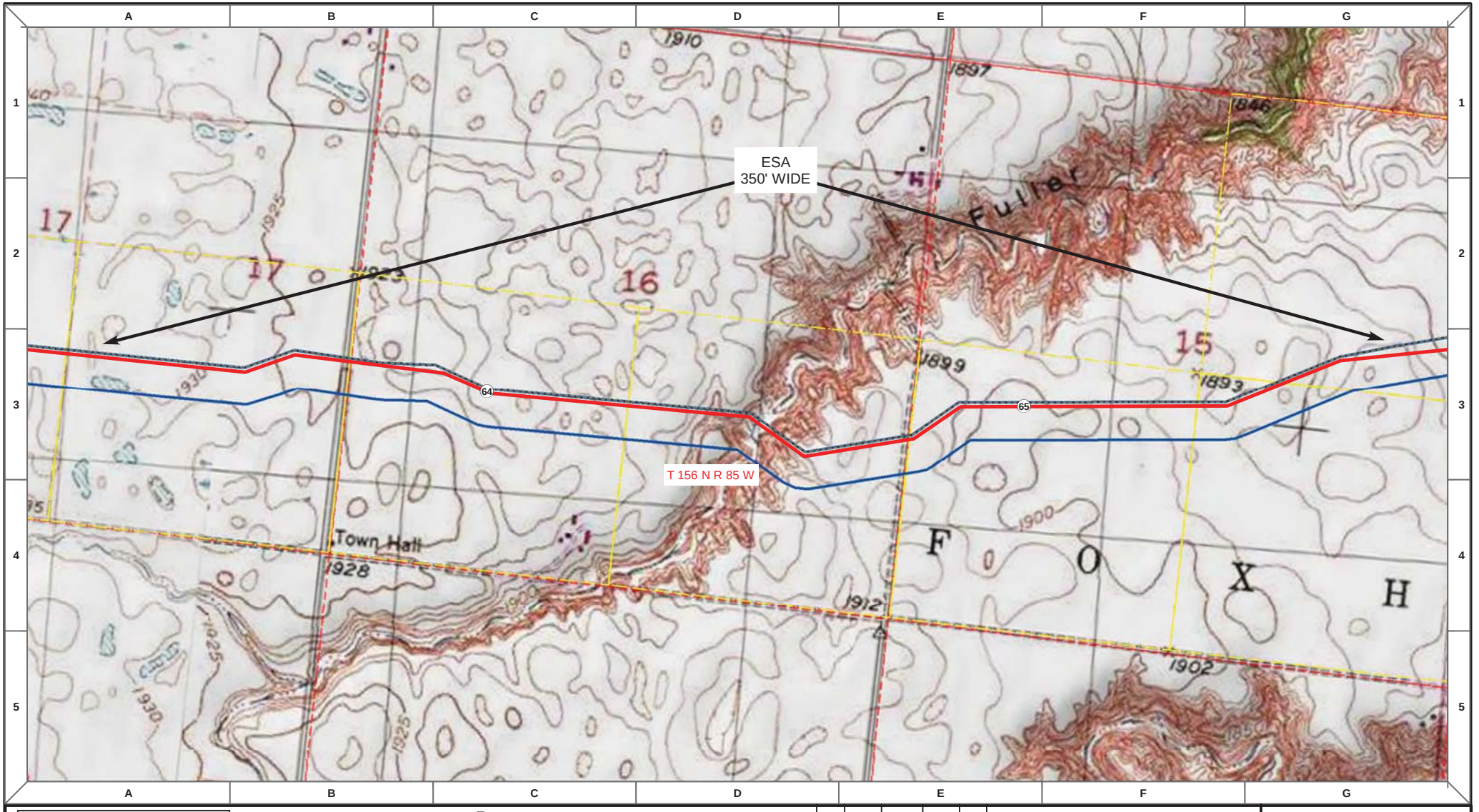
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 26 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

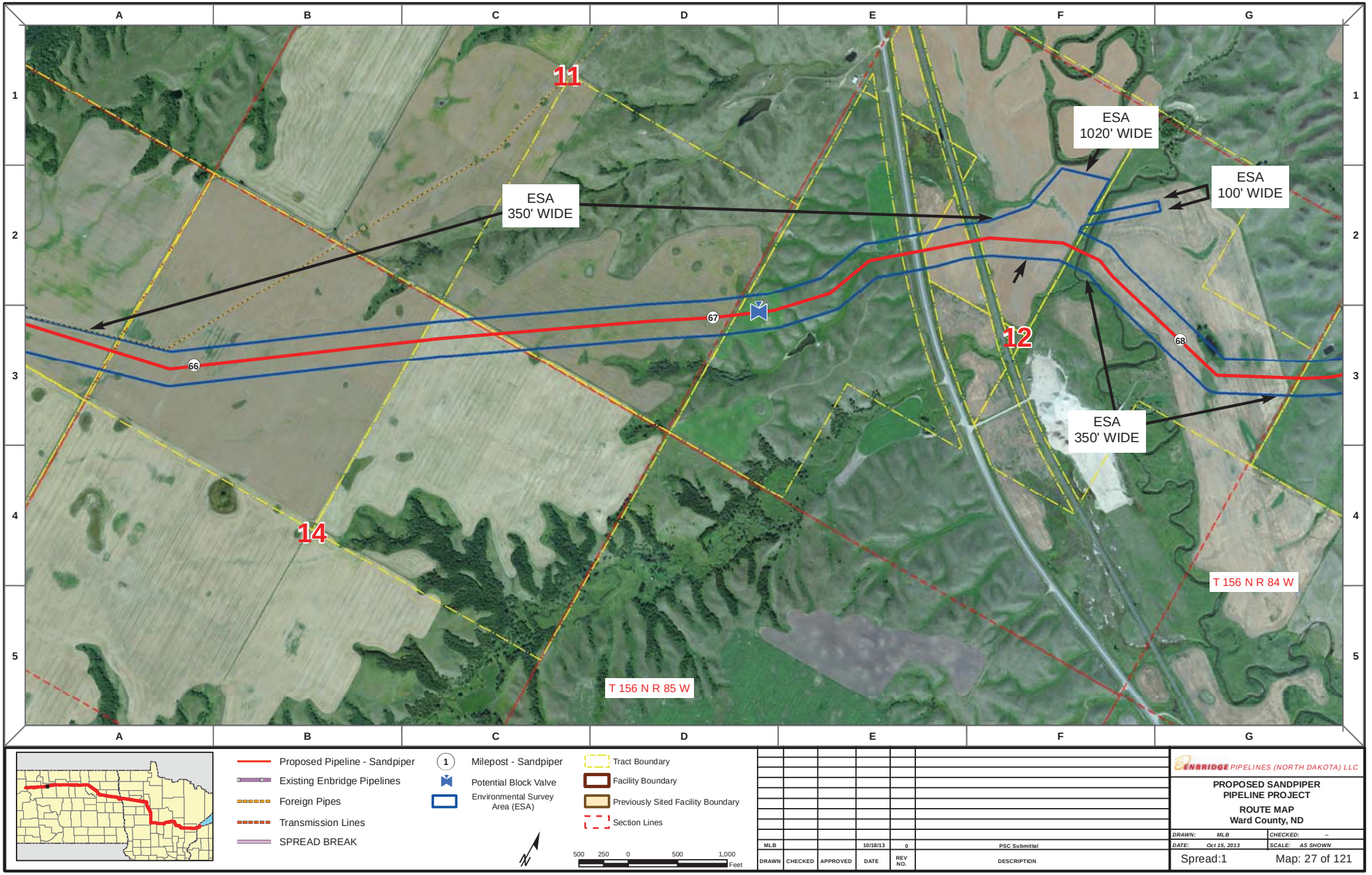
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 26 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

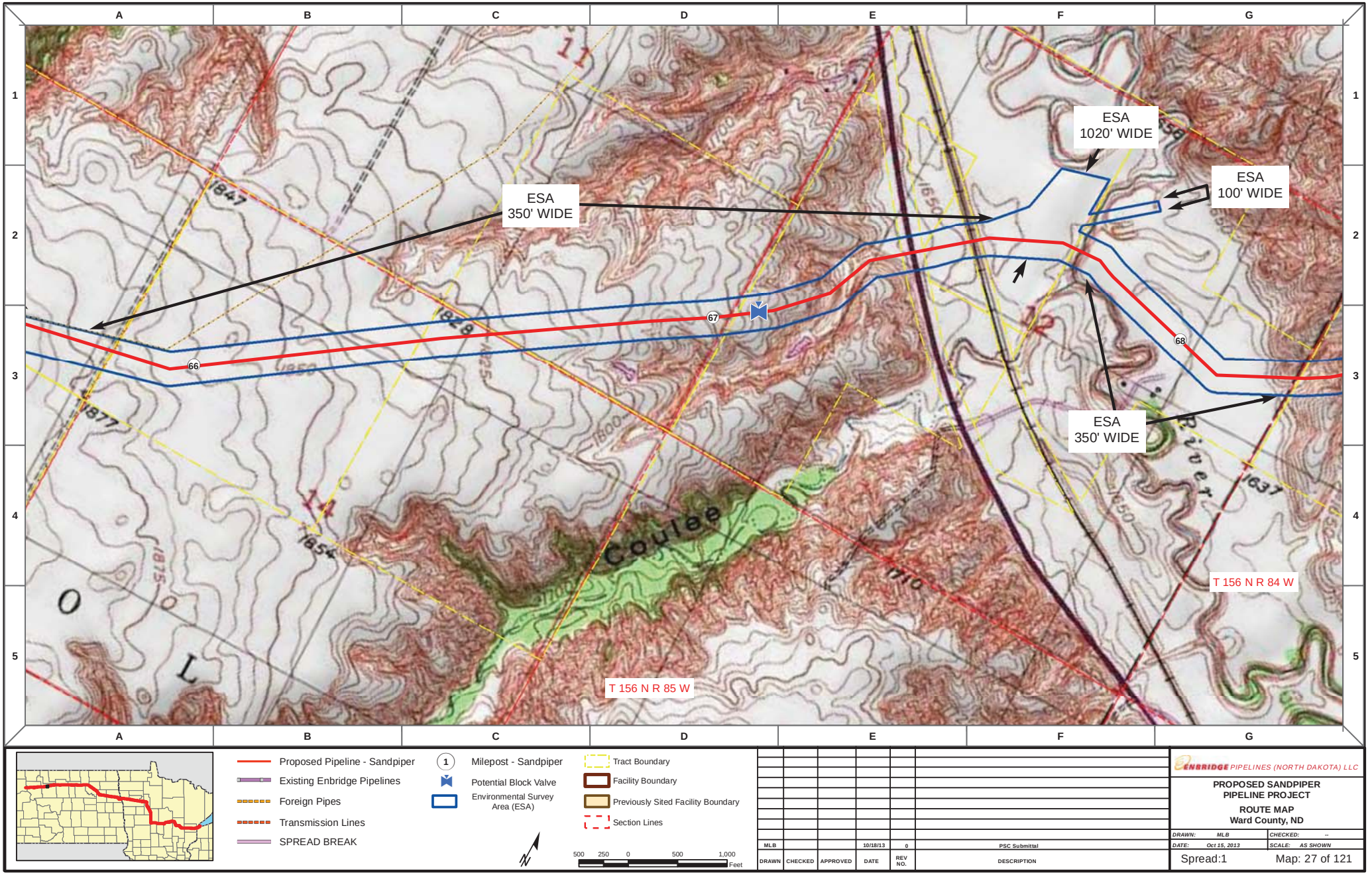
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 27 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

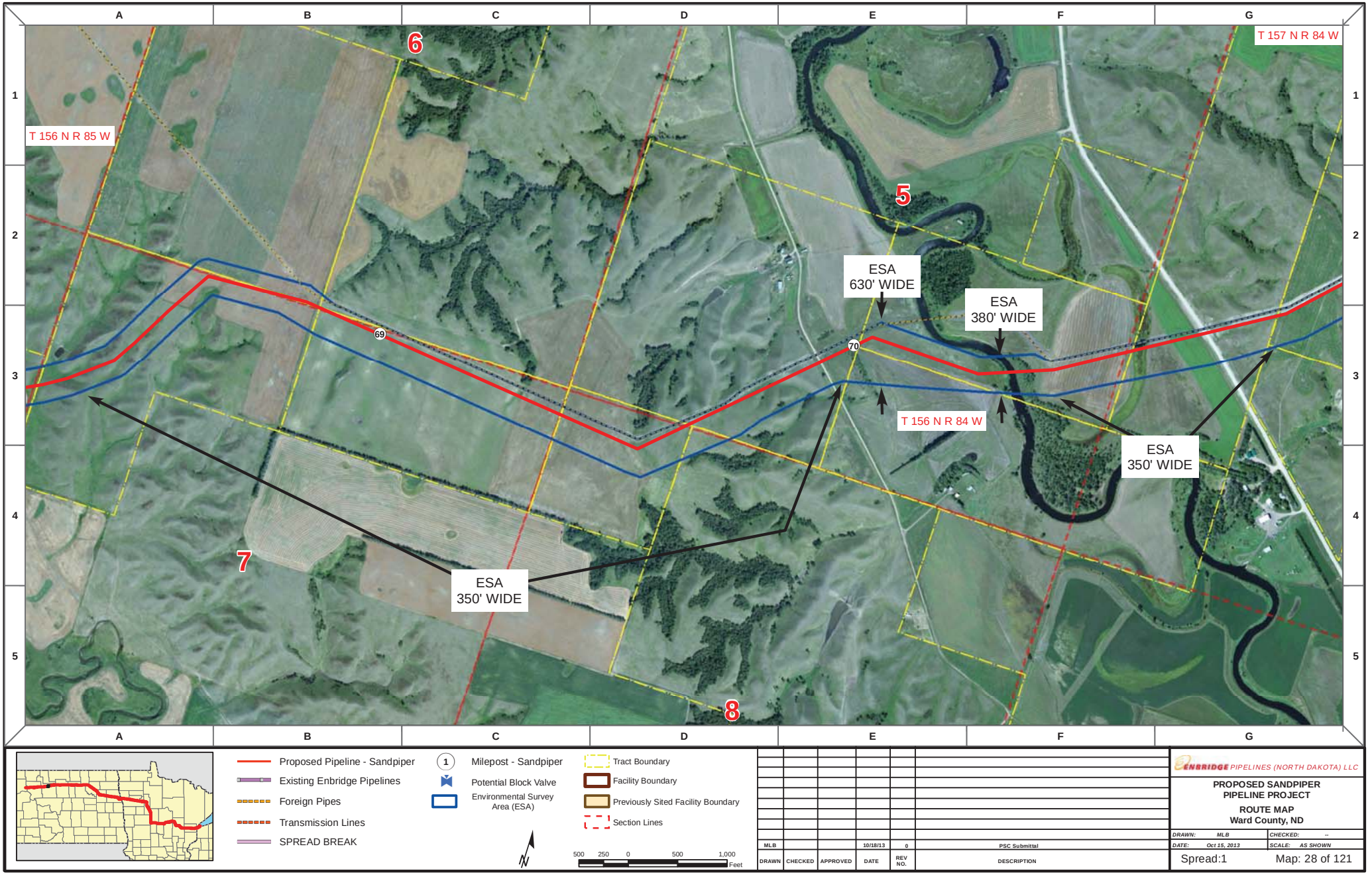
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 27 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

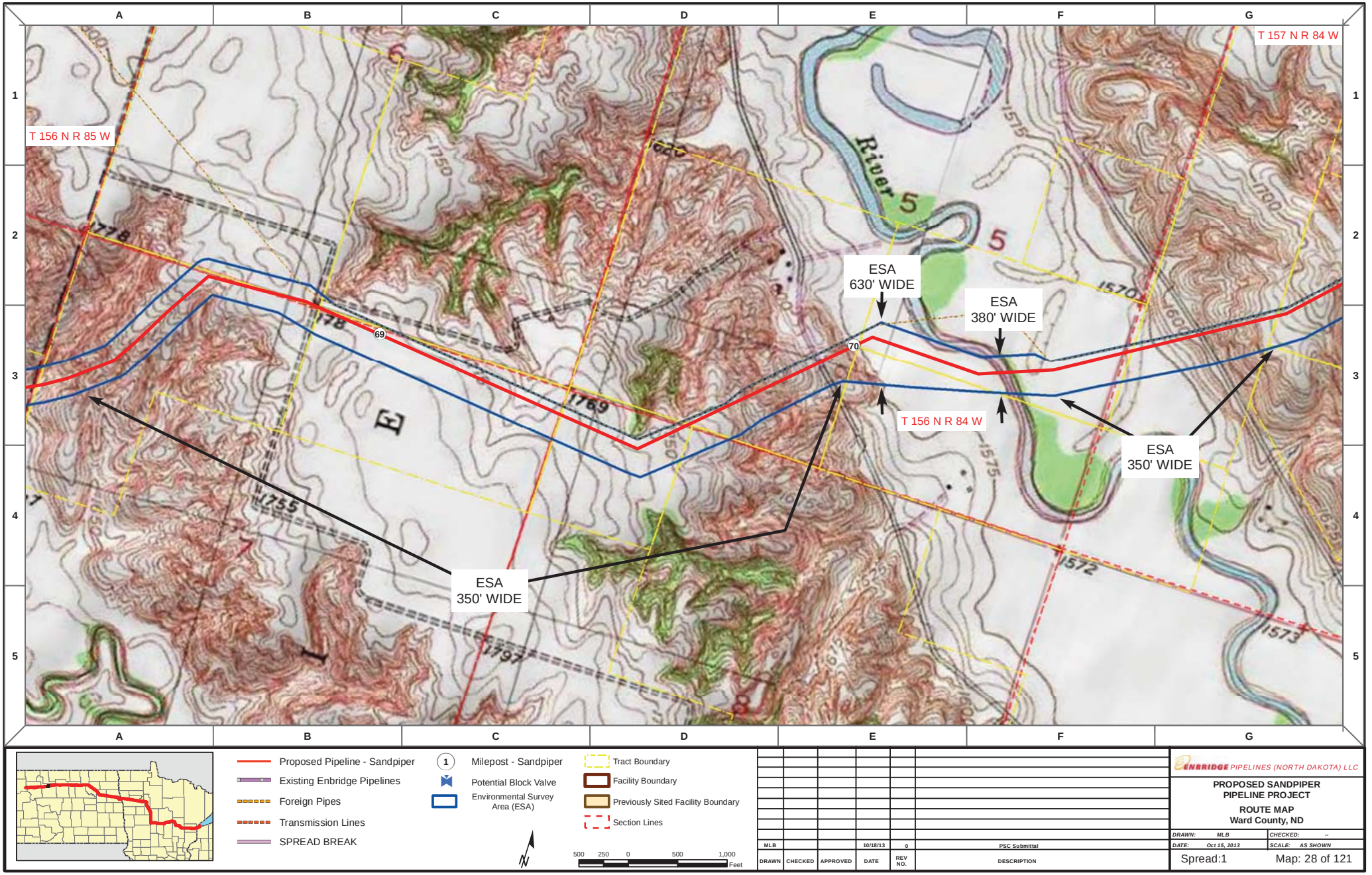
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

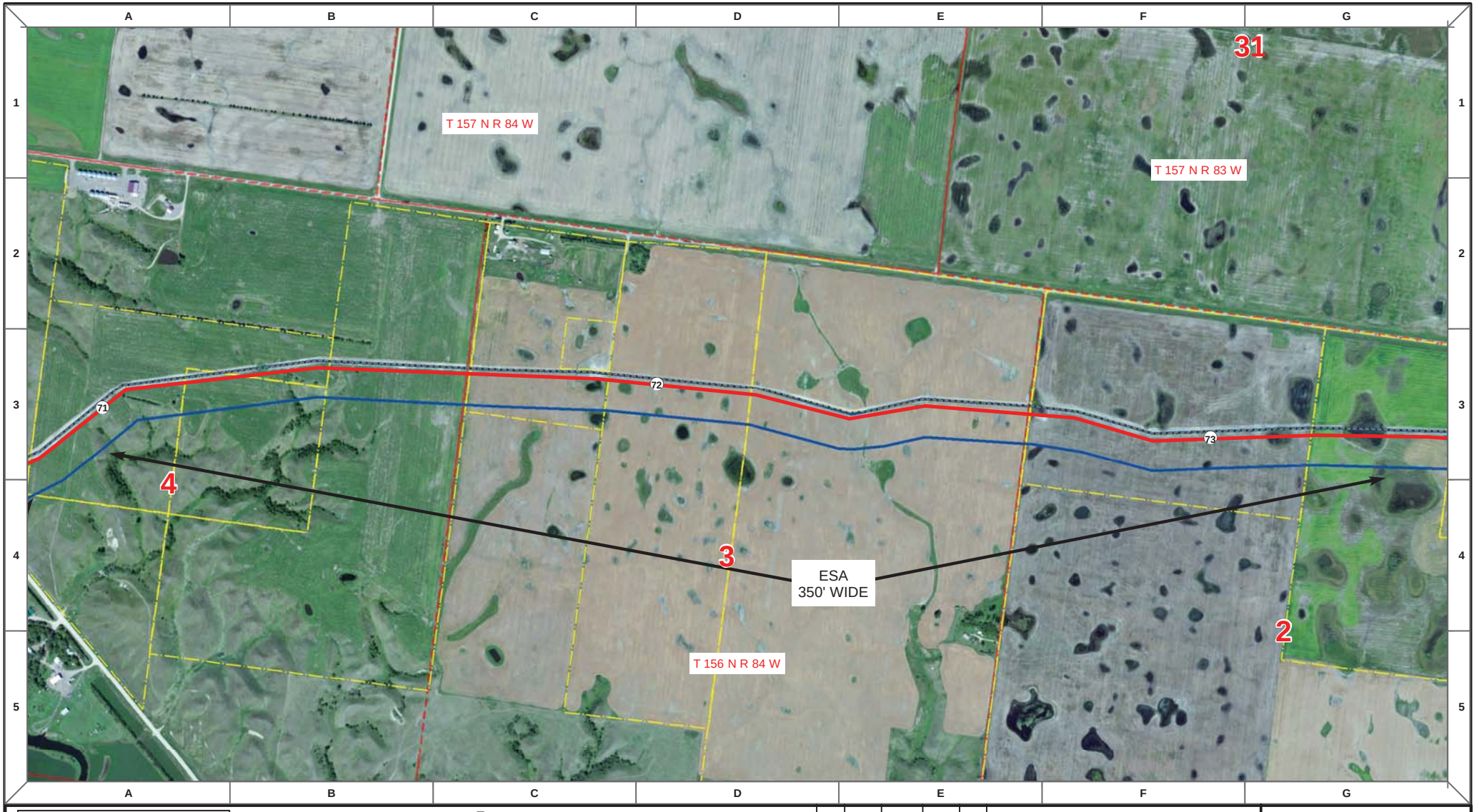
PROPOSED SANDPIPER PIPELINE PROJECT

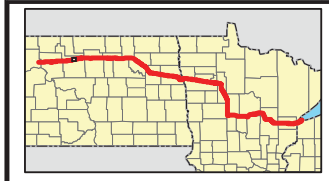
ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 28 of 121


A
B
C
D
E
F
G
1
2
3
4
5
T 157 N R 84 W
T 156 N R 85 W
T 156 N R 84 W
River
ESA
630' WIDE
ESA
380' WIDE
ESA
350' WIDE
ESA
350' WIDE
69
70
1778
1769
1755
1797
1572
1573
1575
1570
1600
1625
1650
1700
1750
1800
Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK
Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)
Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines
N
500 250 0 500 1,000
Feet
MLB
10/18/13
0
PSC Submittal
DRAWN
CHECKED
APPROVED
DATE
REV NO.
DESCRIPTION
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC
PROPOSED SANDPIPER PIPELINE PROJECT
ROUTE MAP
Ward County, ND
DRAWN: MLB
CHECKED: --
DATE: Oct 15, 2013
SCALE: AS SHOWN
Spread:1
Map: 28 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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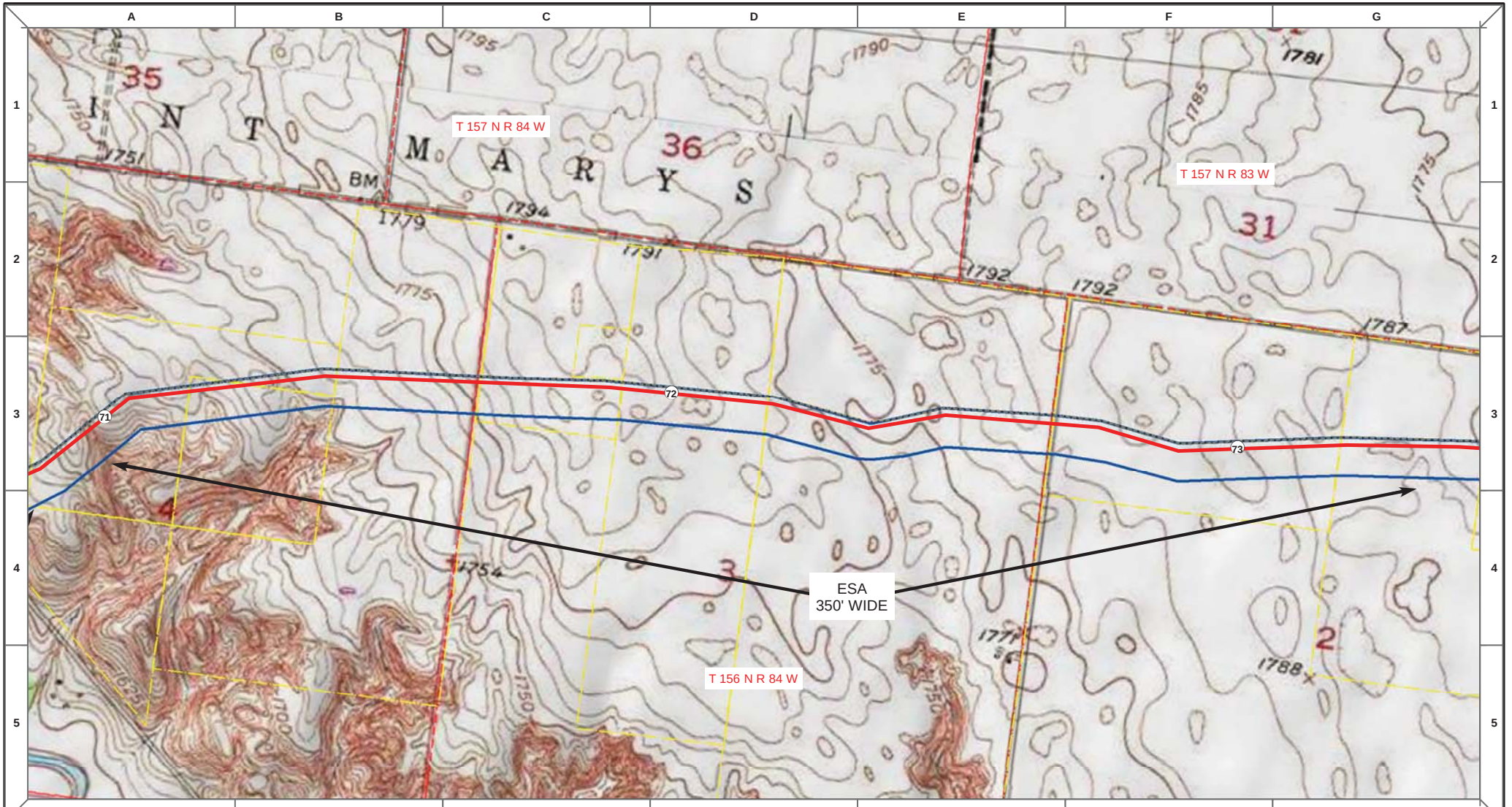
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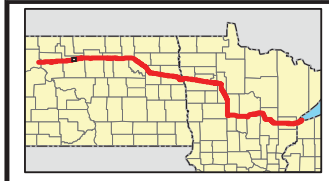
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

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DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 29 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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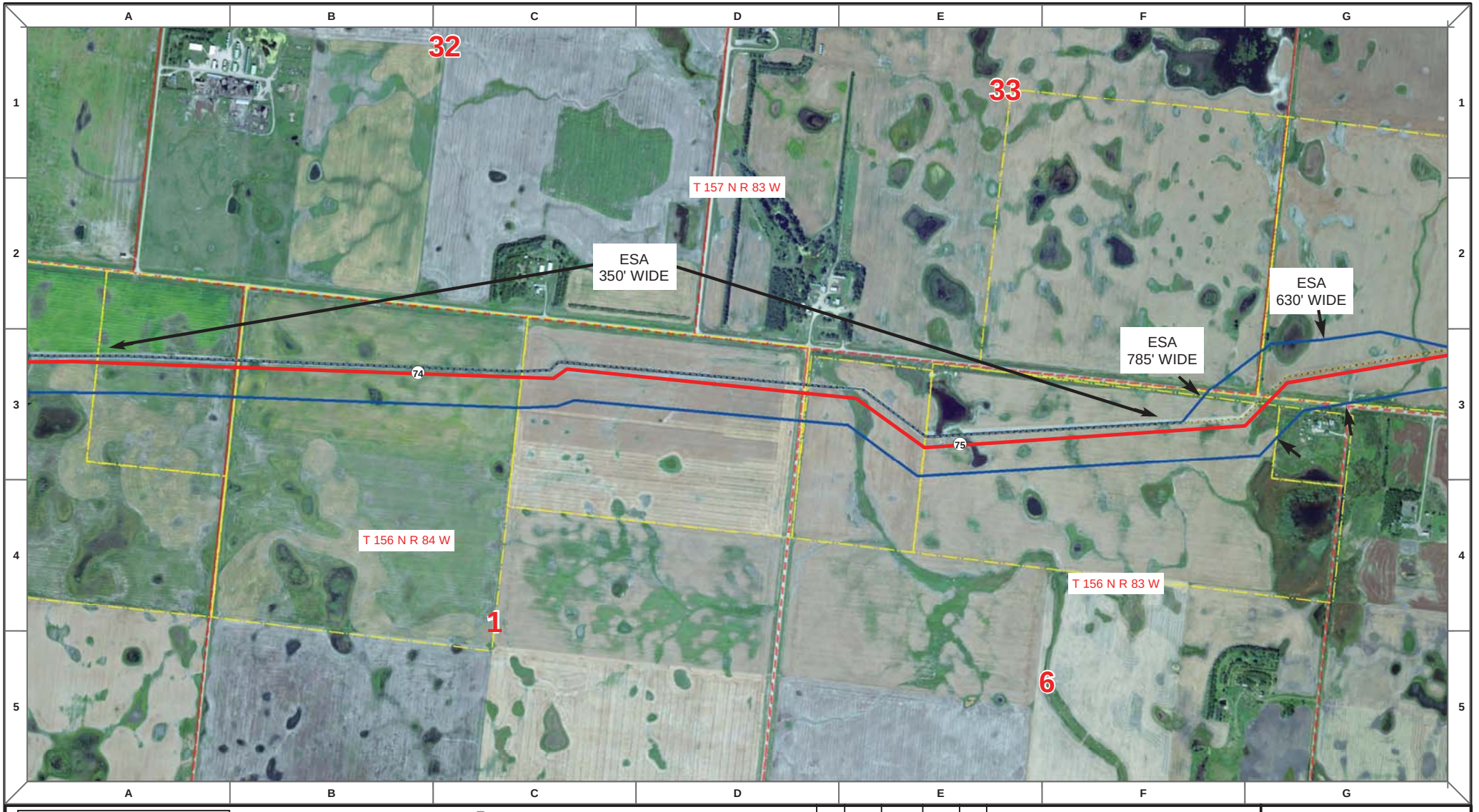
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

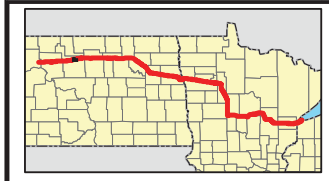
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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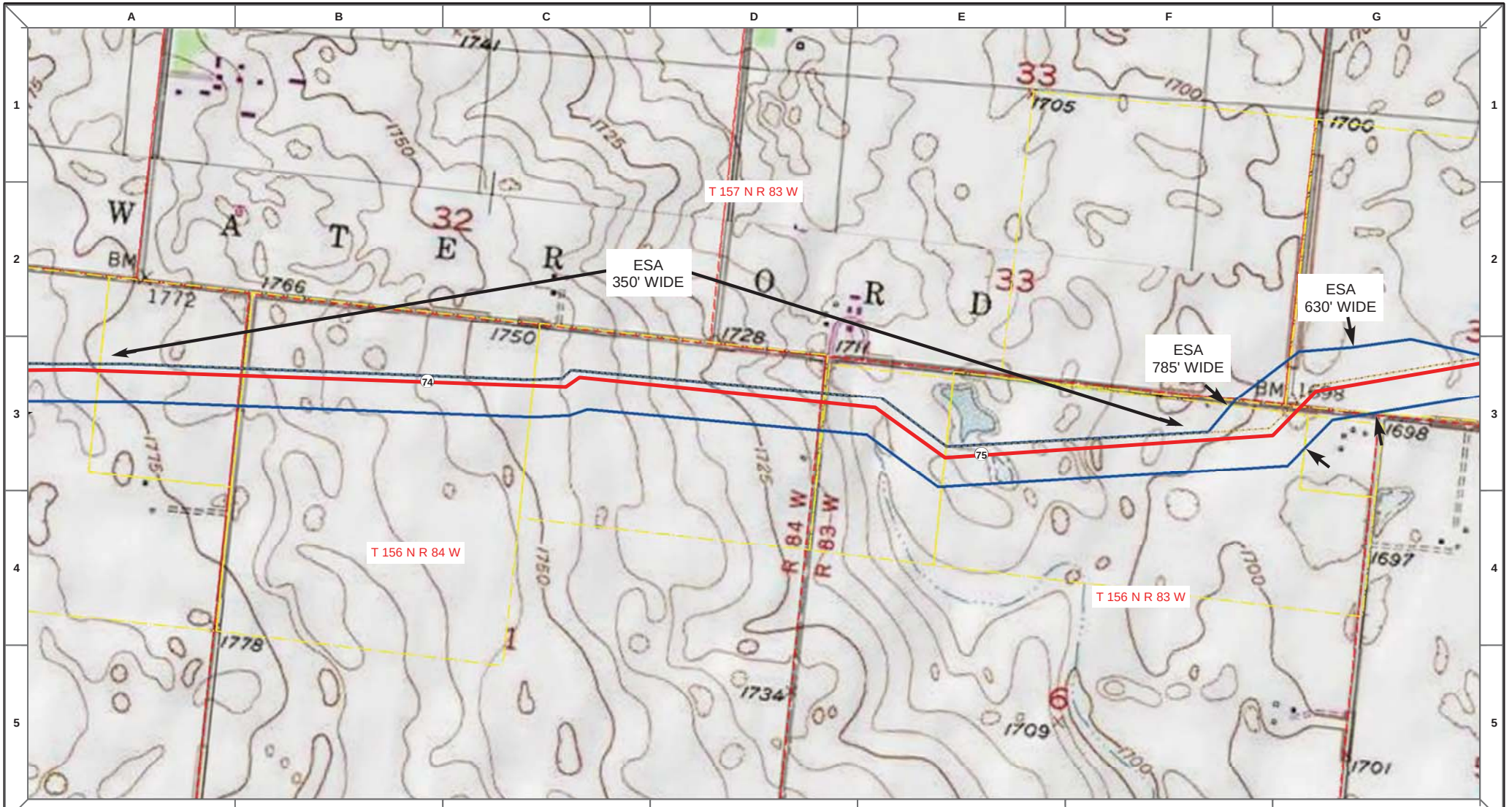
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 30 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

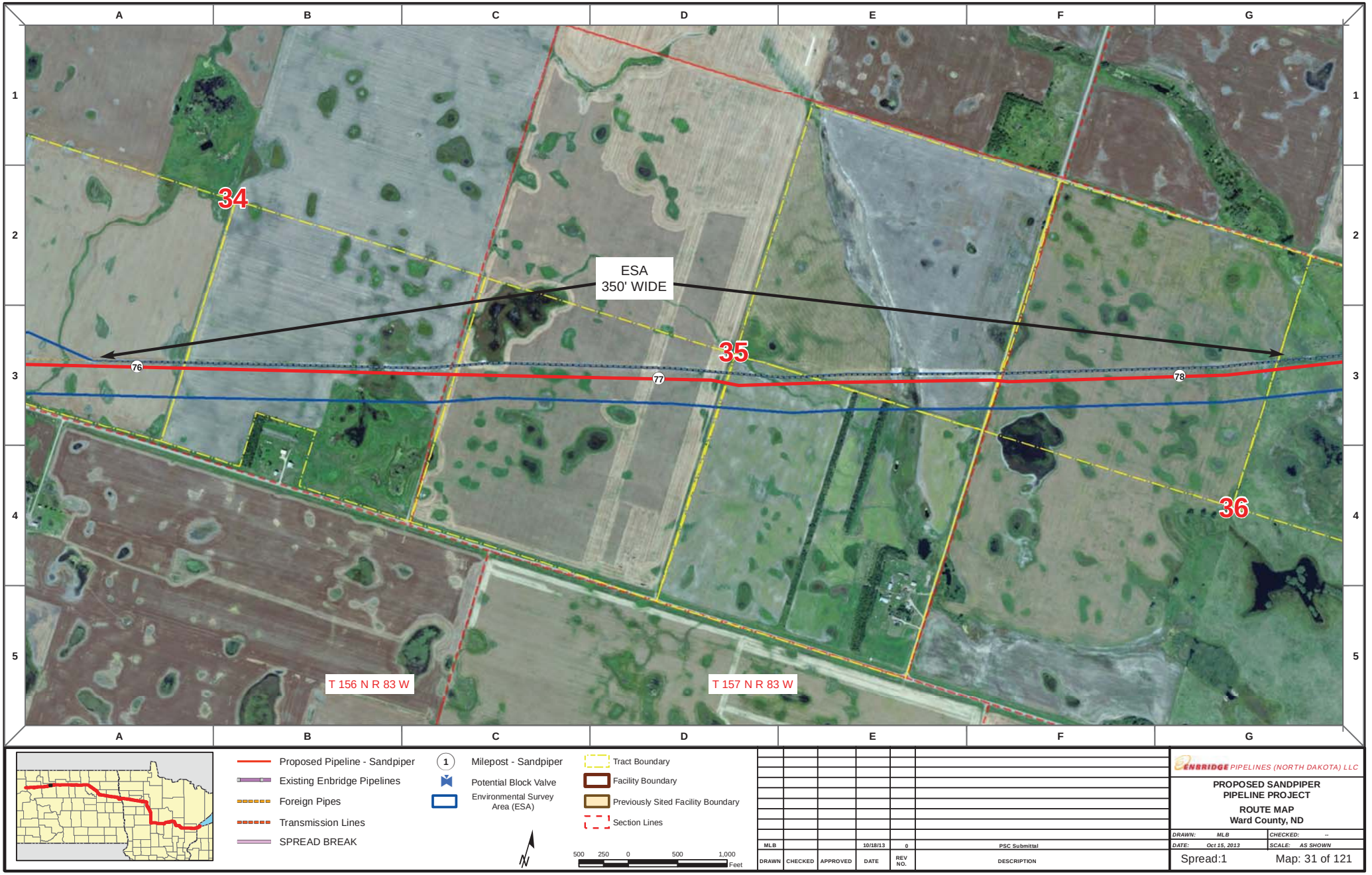
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 30 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

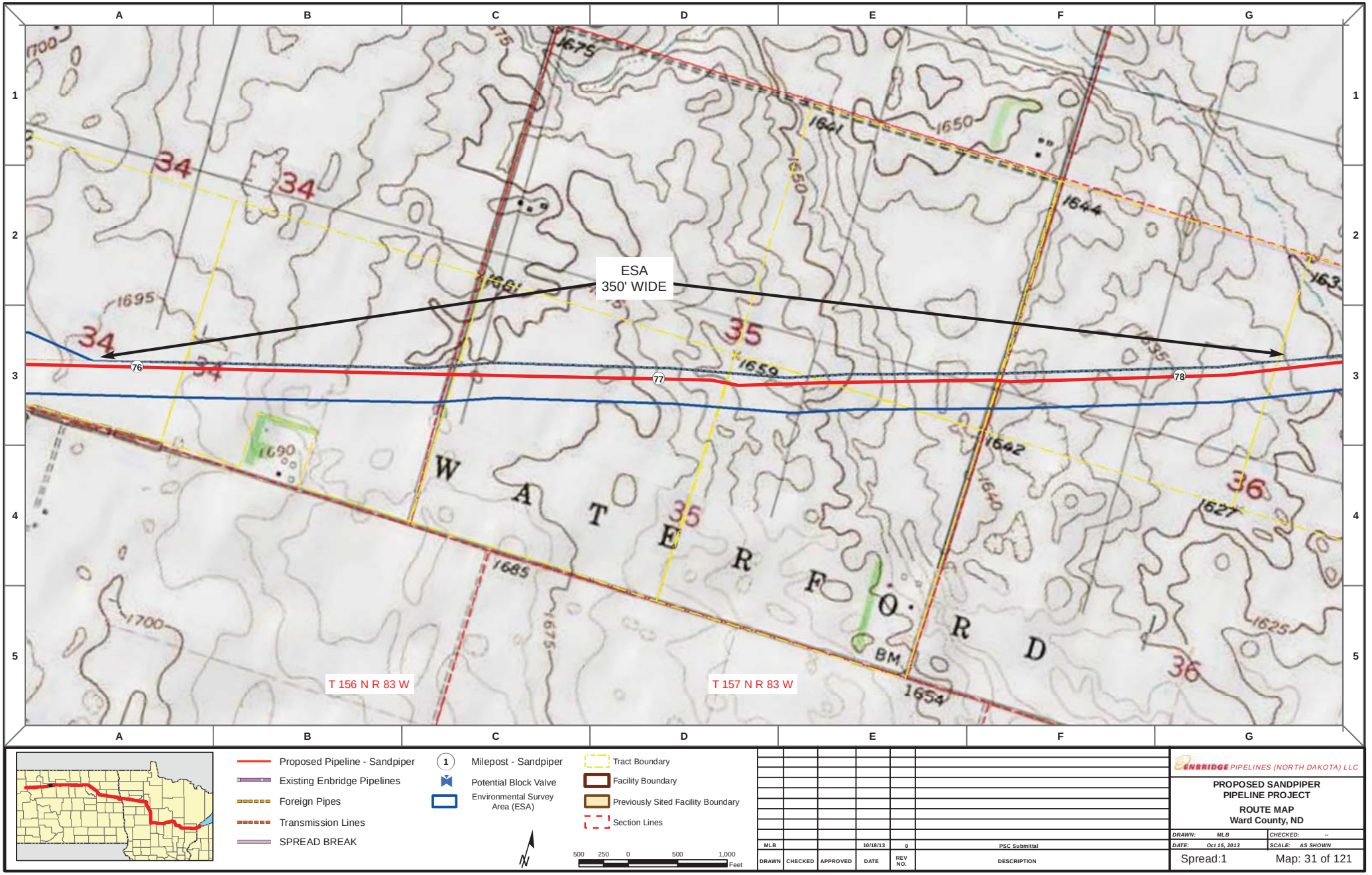
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 31 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

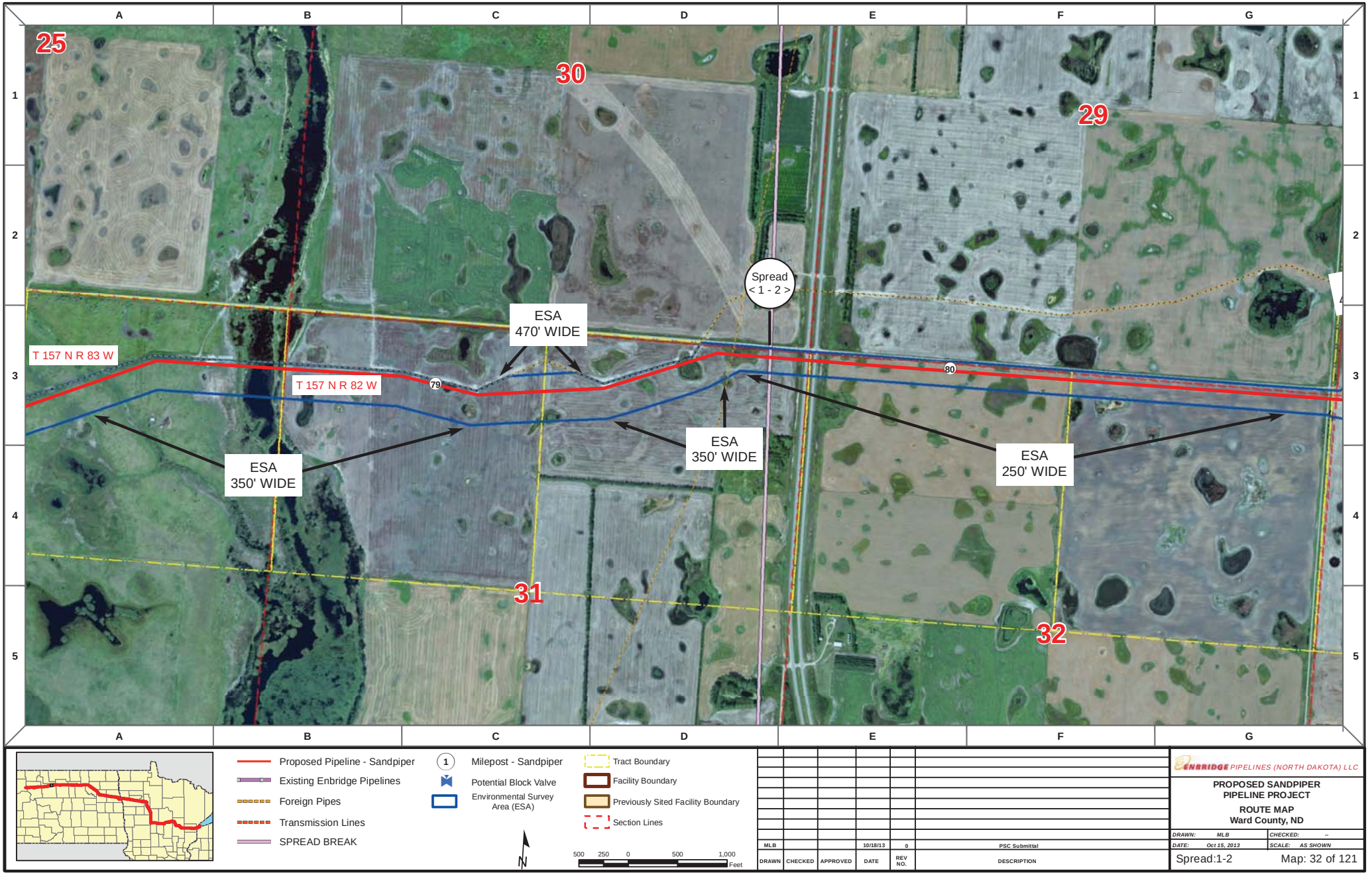
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 31 of 121



DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

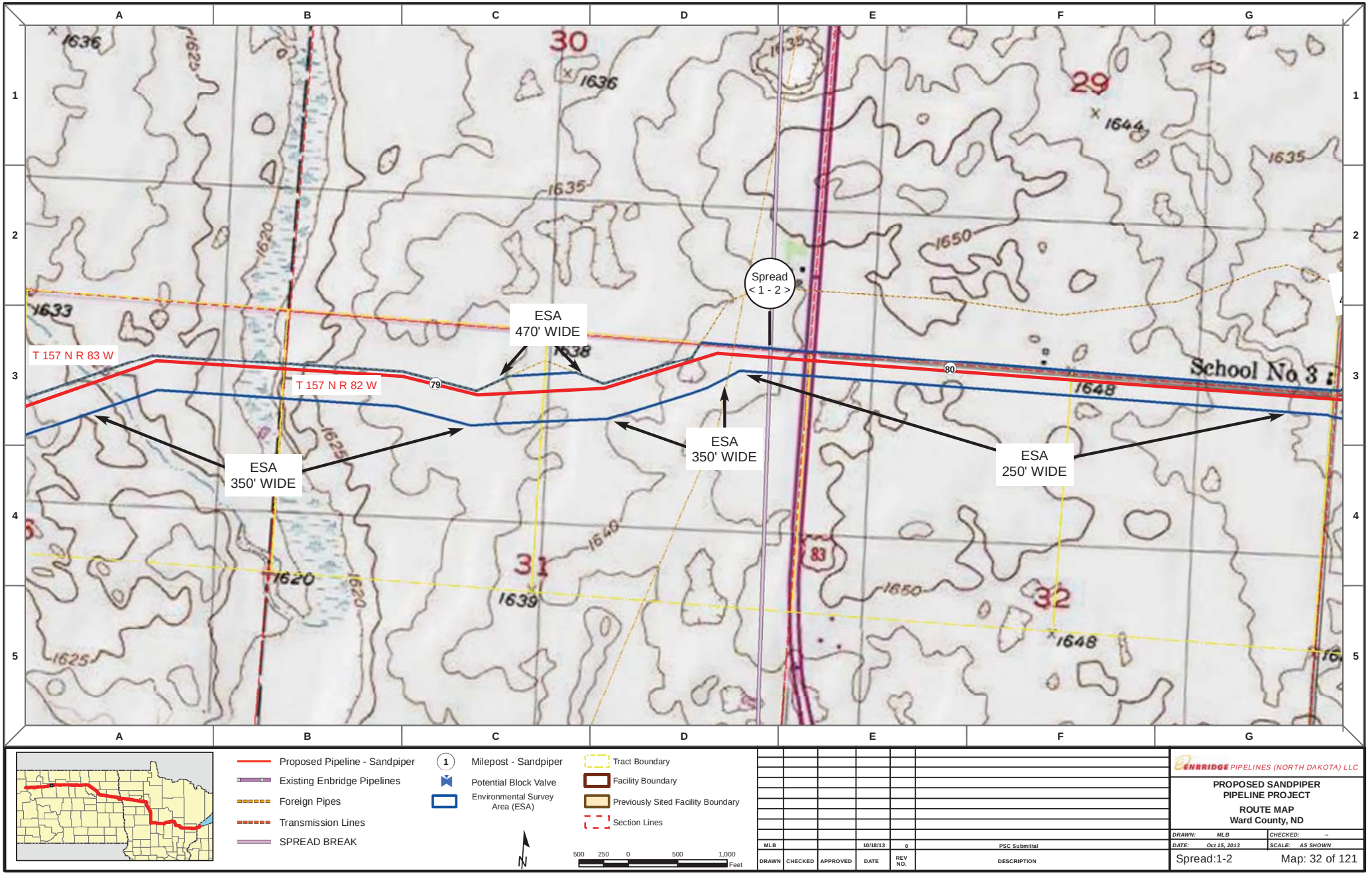
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB | CHECKED: --
DATE: Oct 15, 2013 | SCALE: AS SHOWN

Spread:1-2 | Map: 32 of 121



DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

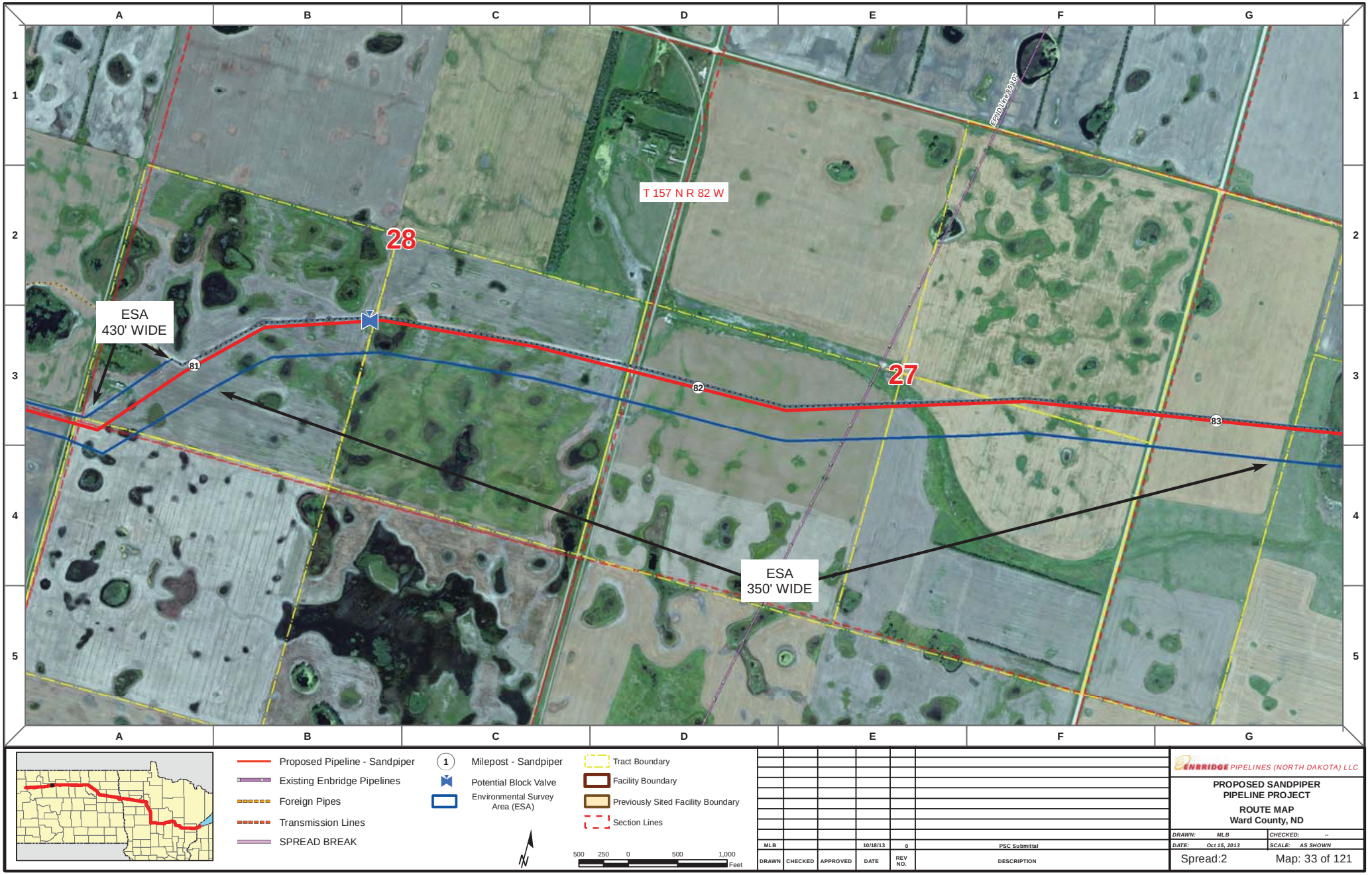
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB | CHECKED: --
DATE: Oct 15, 2013 | SCALE: AS SHOWN

Spread:1-2 Map: 32 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

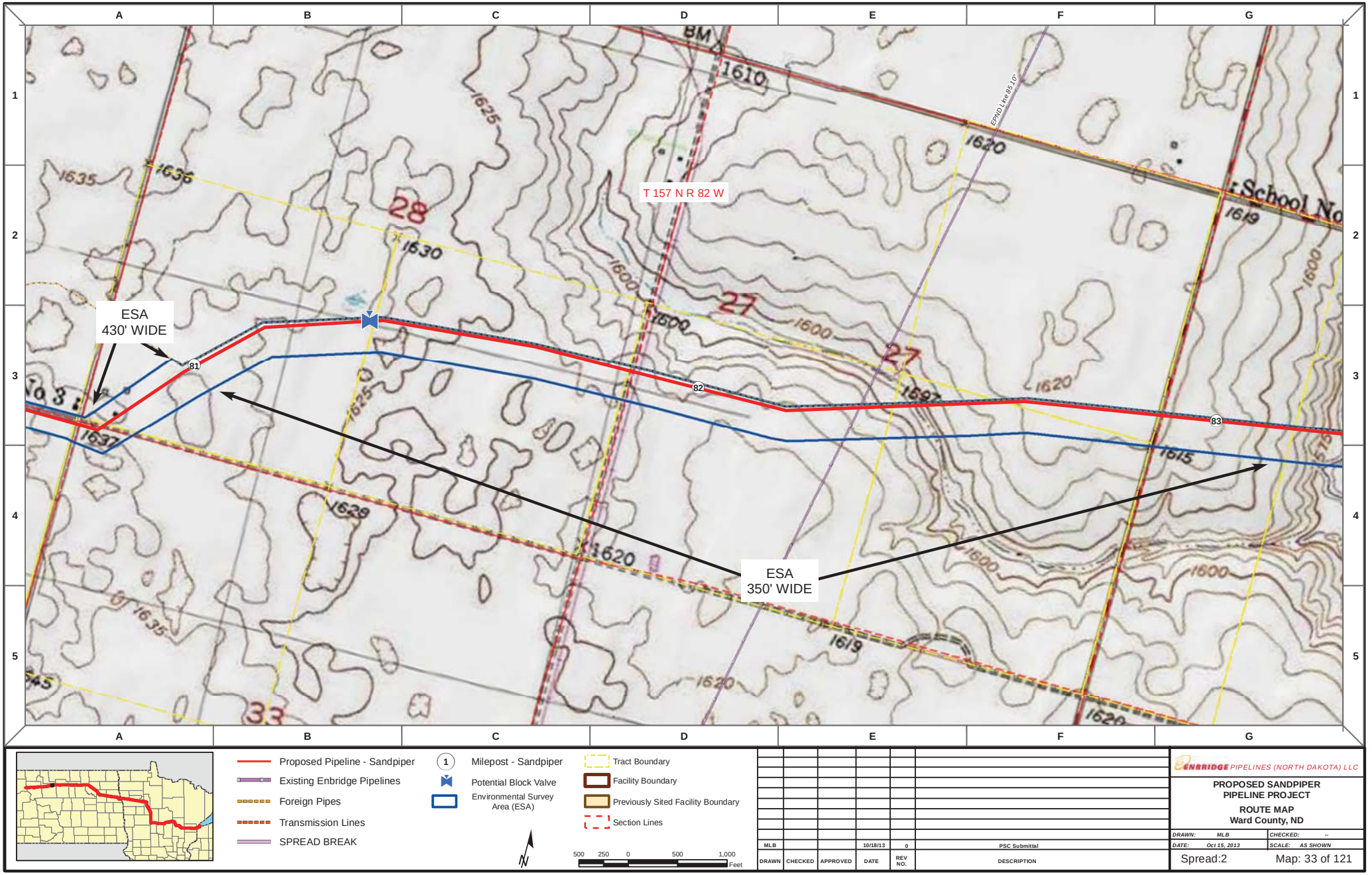
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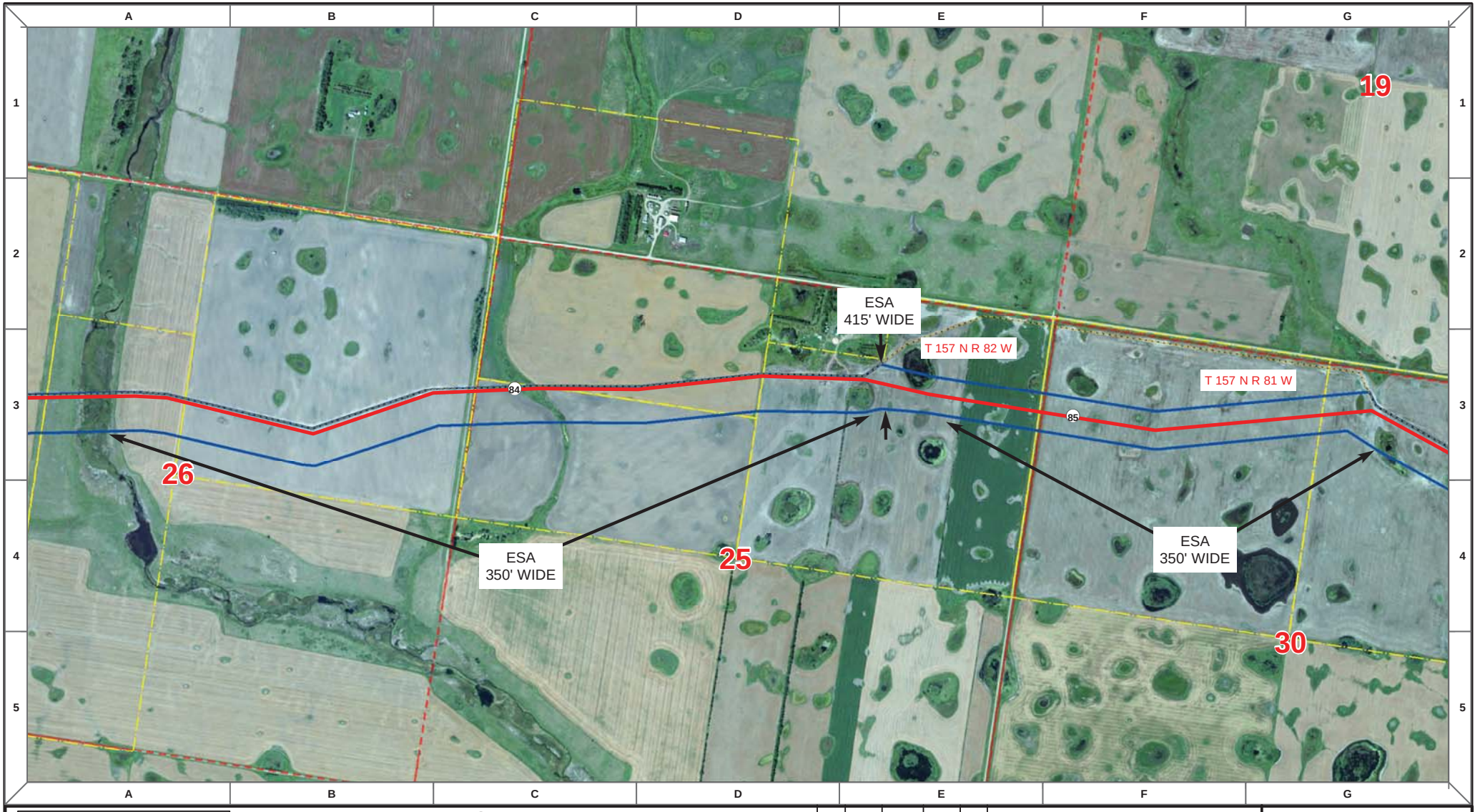
PROPOSED SANDPIPER PIPELINE PROJECT

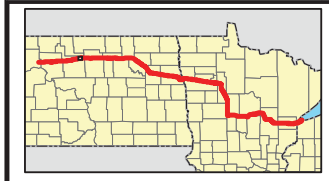
ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 33 of 121


T 157 N R 82 W
ESA
430' WIDE
ESA
350' WIDE
81
82
83
28
27
33
BM
1610
1620
1625
1630
1635
1636
1600
1615
1619
1629
1637
EPND Line 85 10"
Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK
Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)
Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines
500 250 0 500 1,000
Feet
N
MLB
10/18/13
0
PSC Submittal
DRAWN
CHECKED
APPROVED
DATE
REV NO.
DESCRIPTION
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC
PROPOSED SANDPIPER PIPELINE PROJECT
ROUTE MAP
Ward County, ND
DRAWN: MLB
CHECKED: --
DATE: Oct 15, 2013
SCALE: AS SHOWN
Spread:2
Map: 33 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

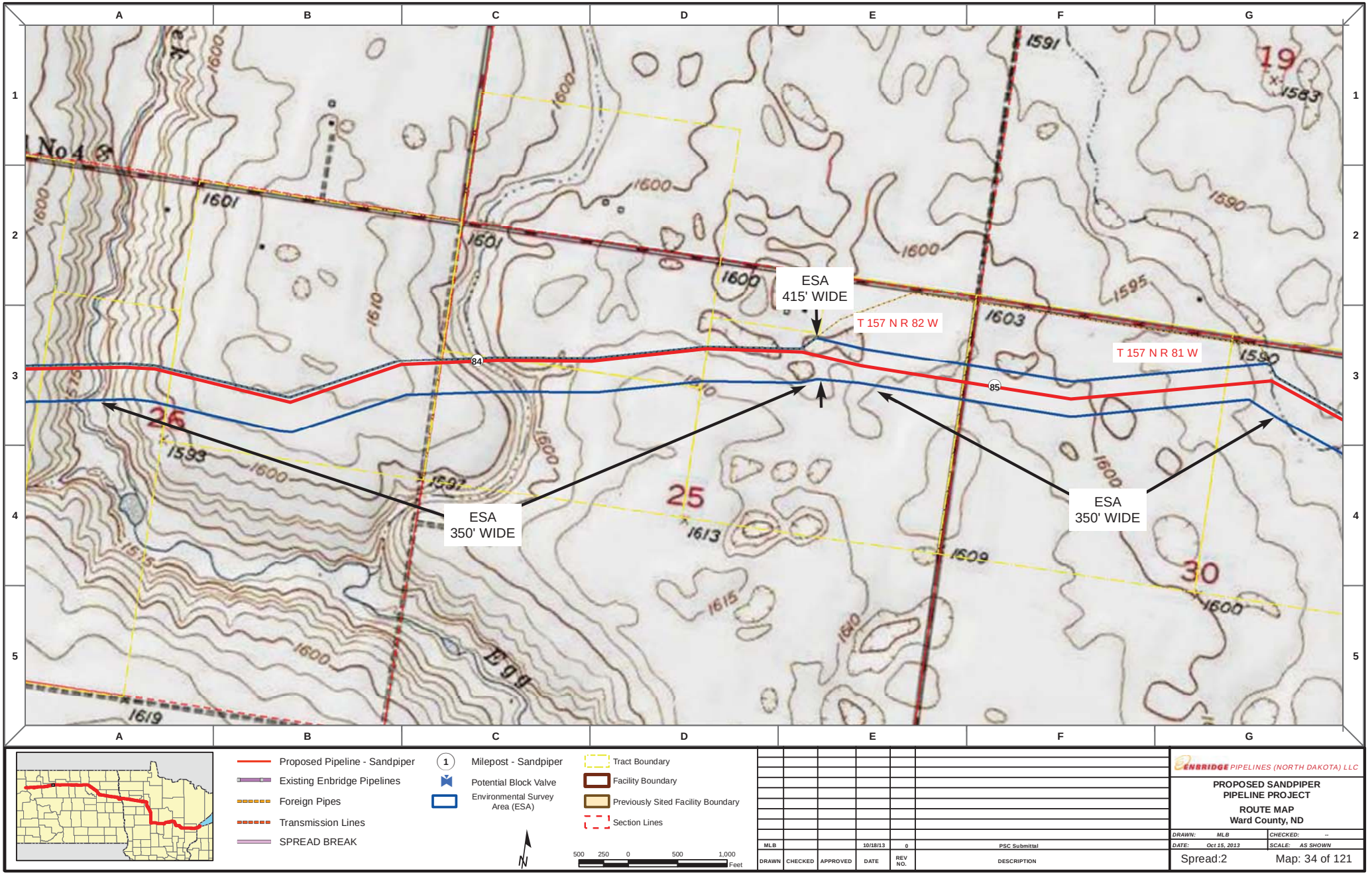
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 34 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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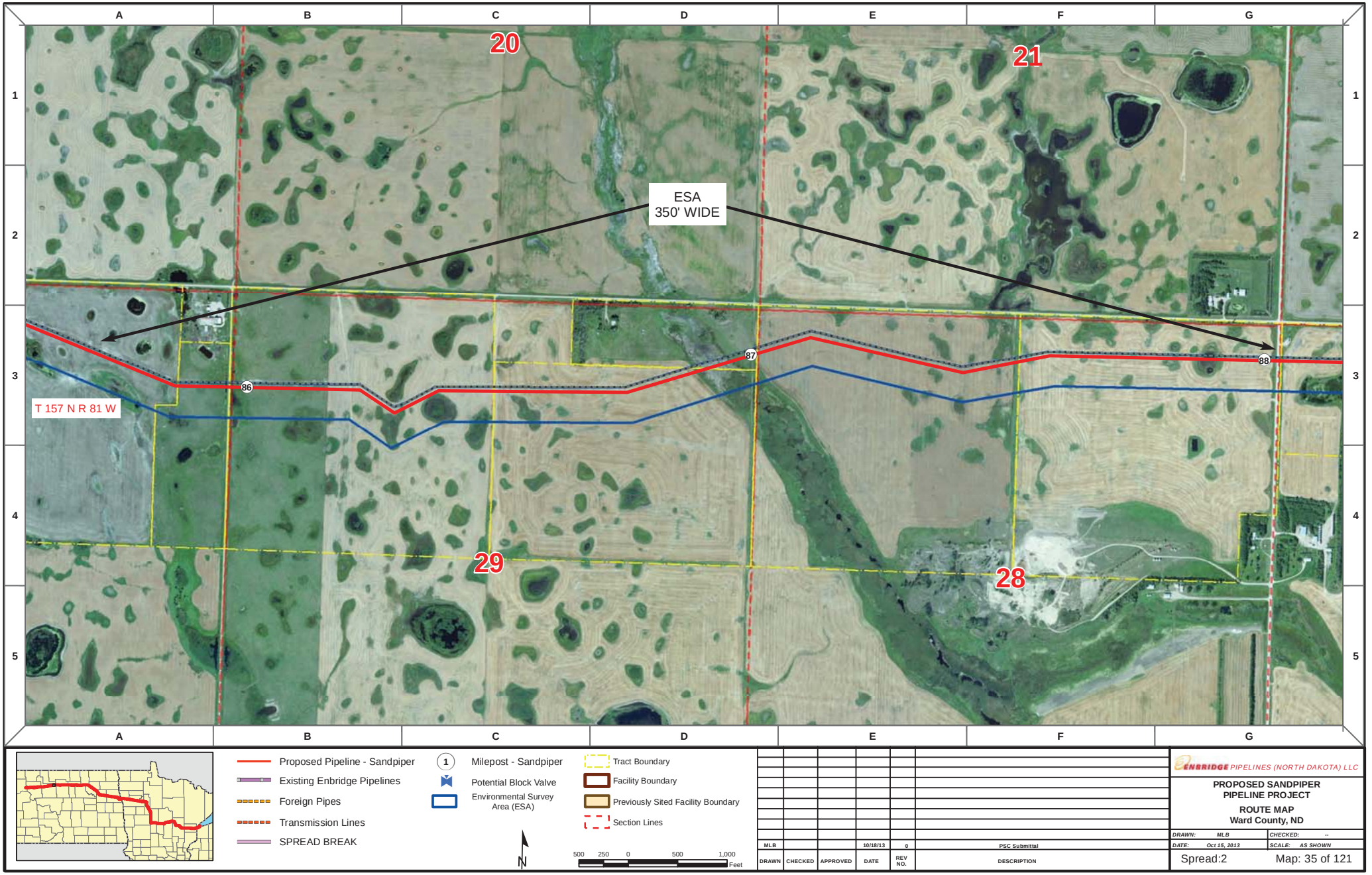
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 34 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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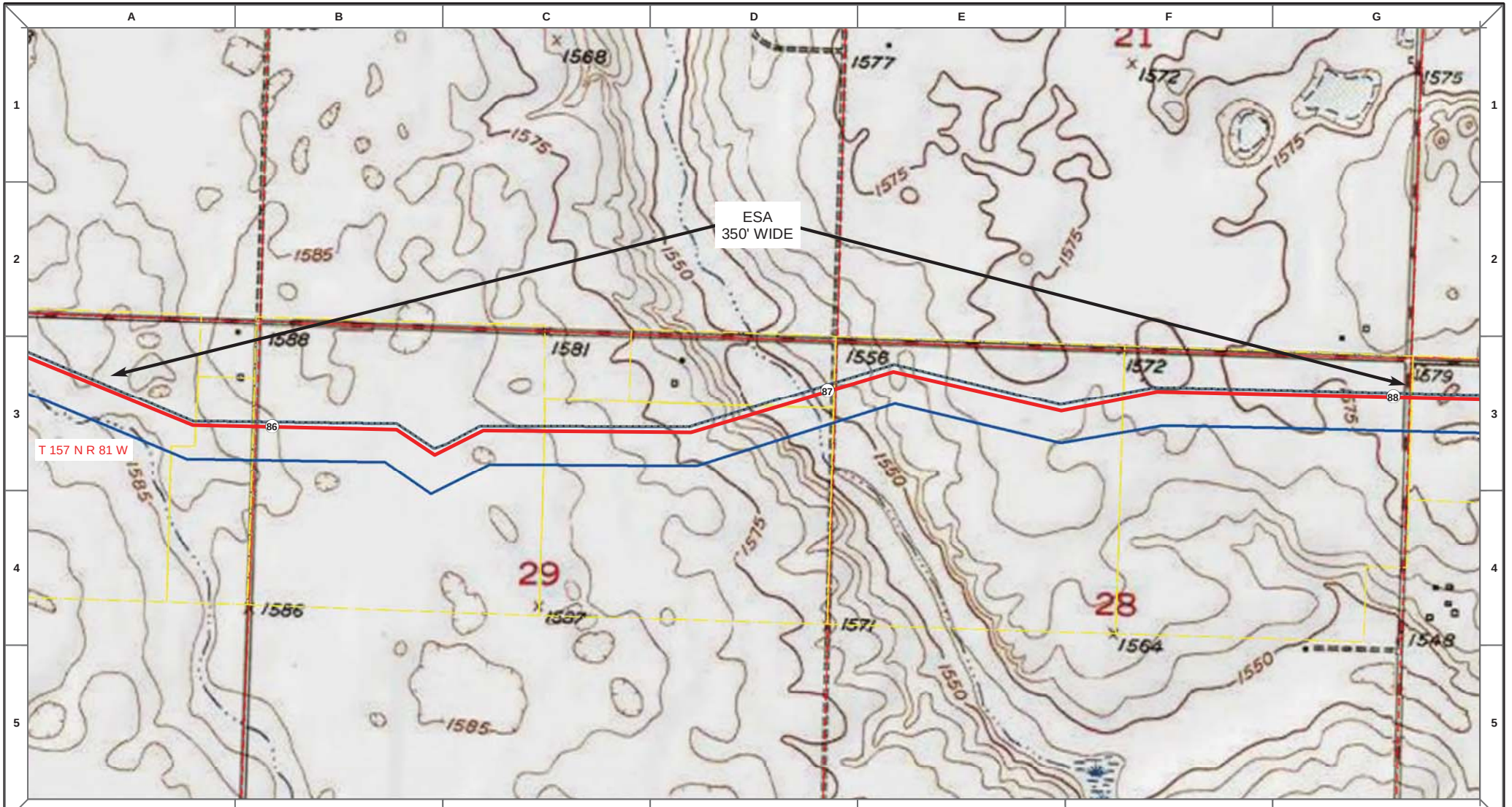
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 35 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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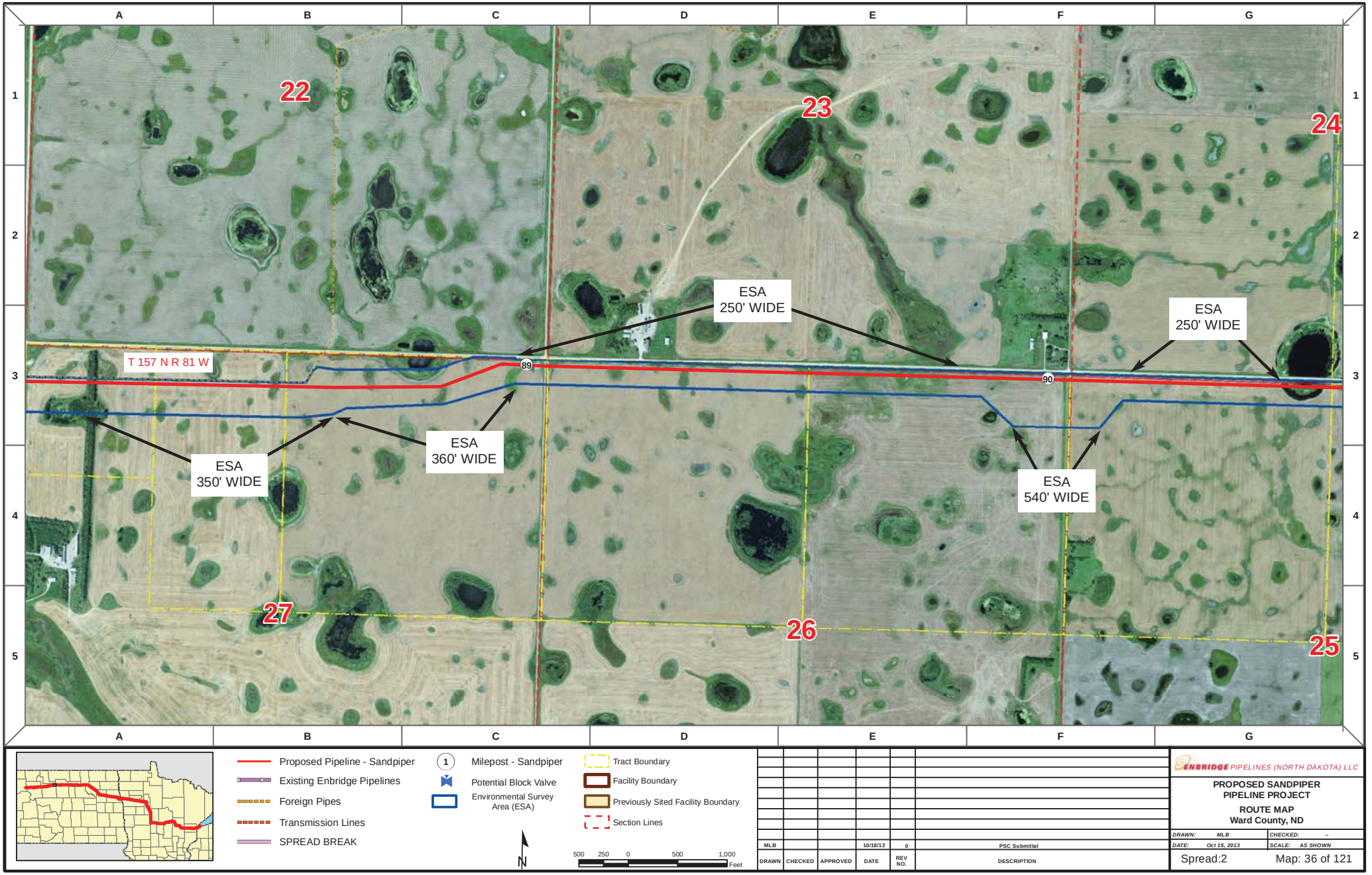
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB | CHECKED: --
DATE: Oct 15, 2013 | SCALE: AS SHOWN

Spread:2 Map: 35 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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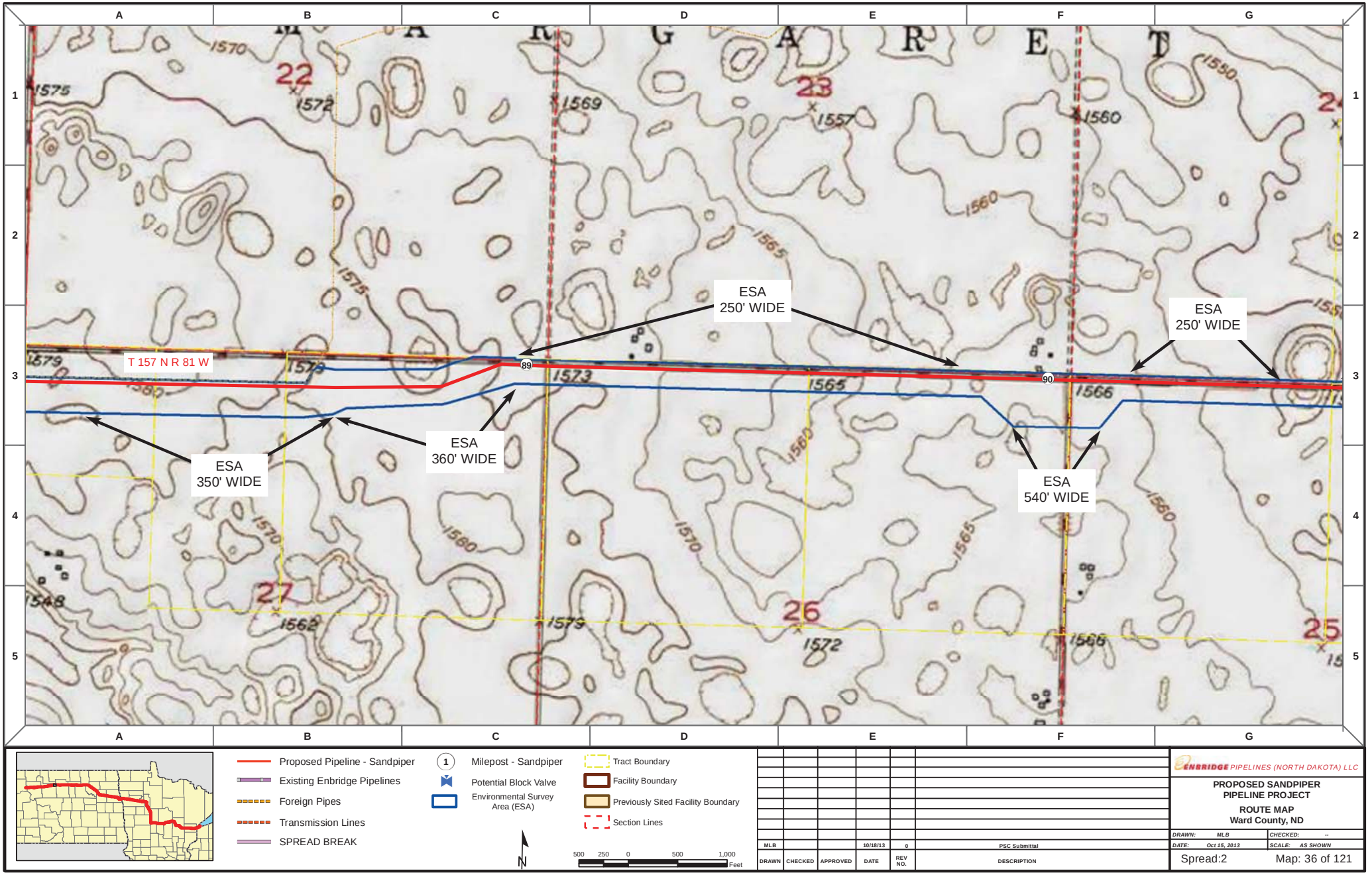
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:2 Map: 36 of 121



DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

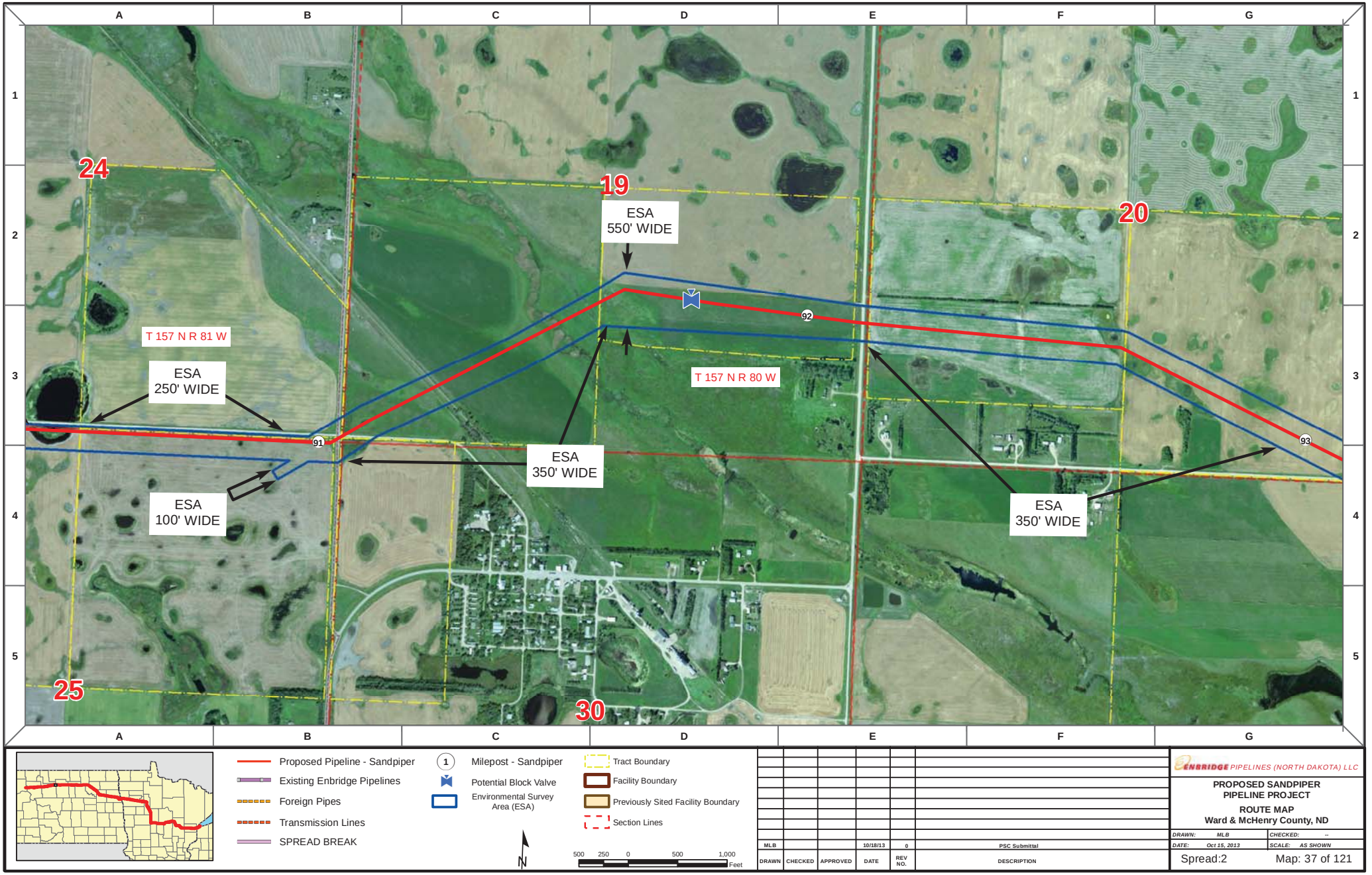
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB | CHECKED: --
DATE: Oct 15, 2013 | SCALE: AS SHOWN

Spread:2 | Map: 36 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
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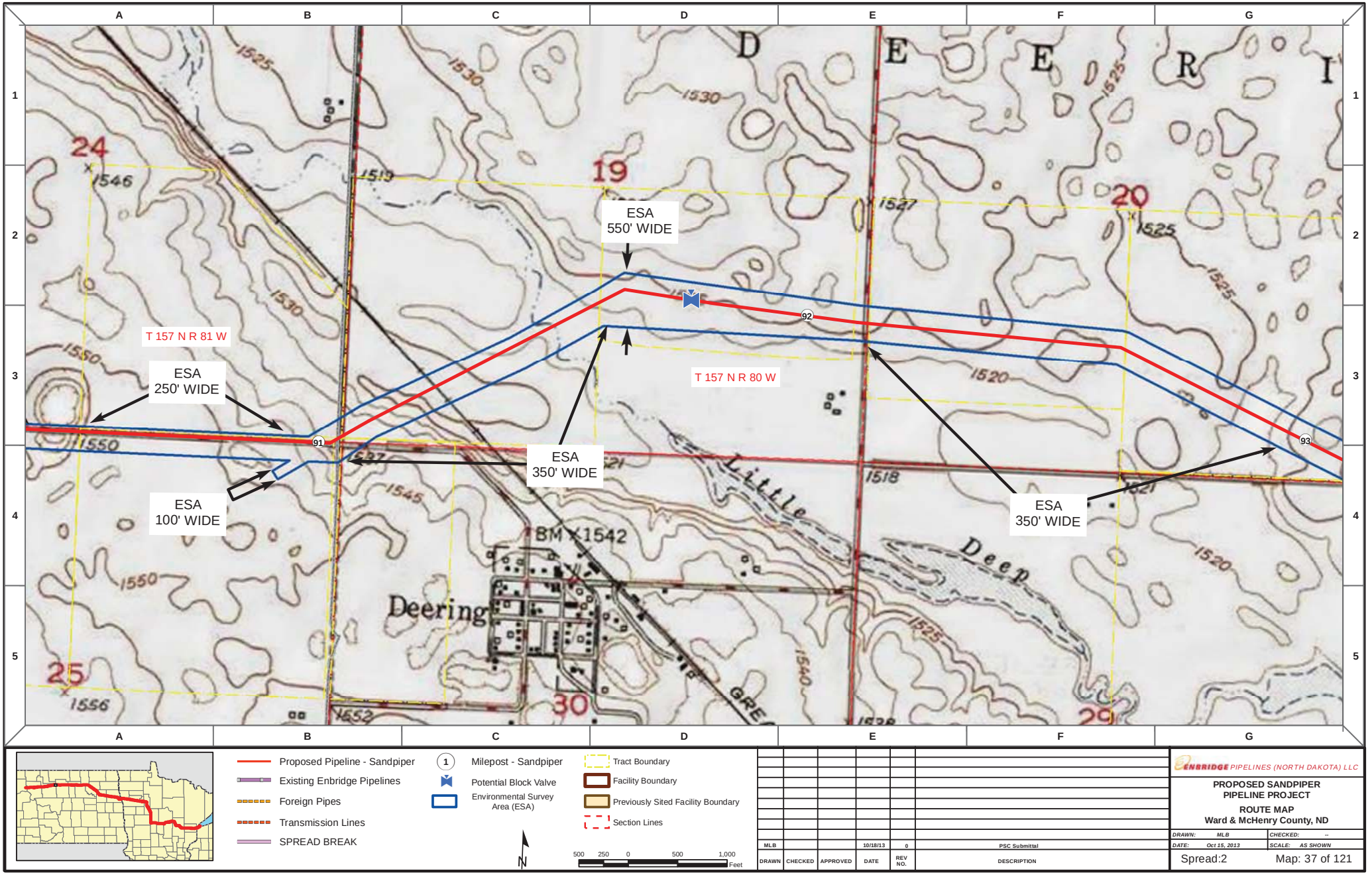
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward & McHenry County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:2 Map: 37 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

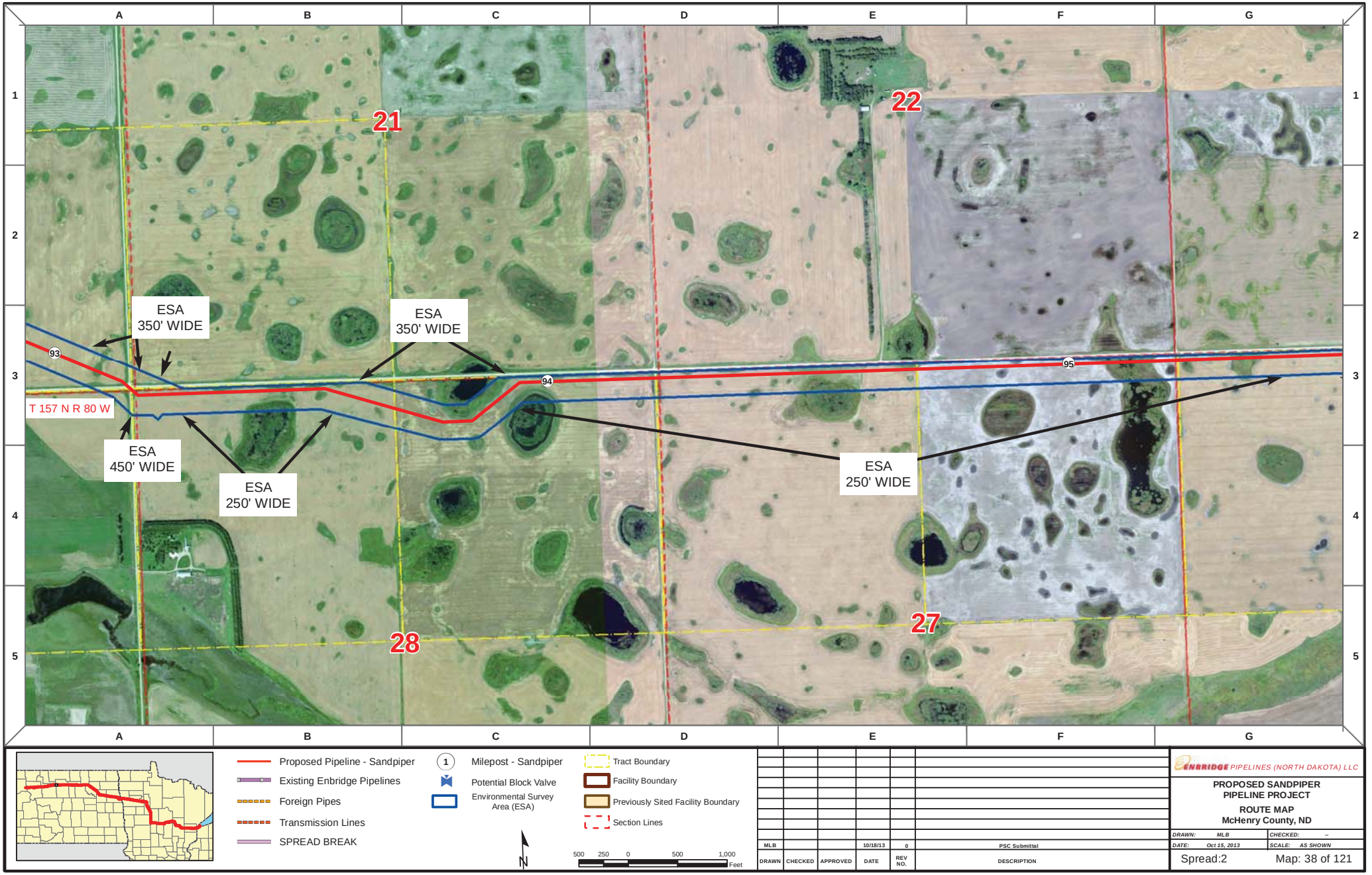
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward & McHenry County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 37 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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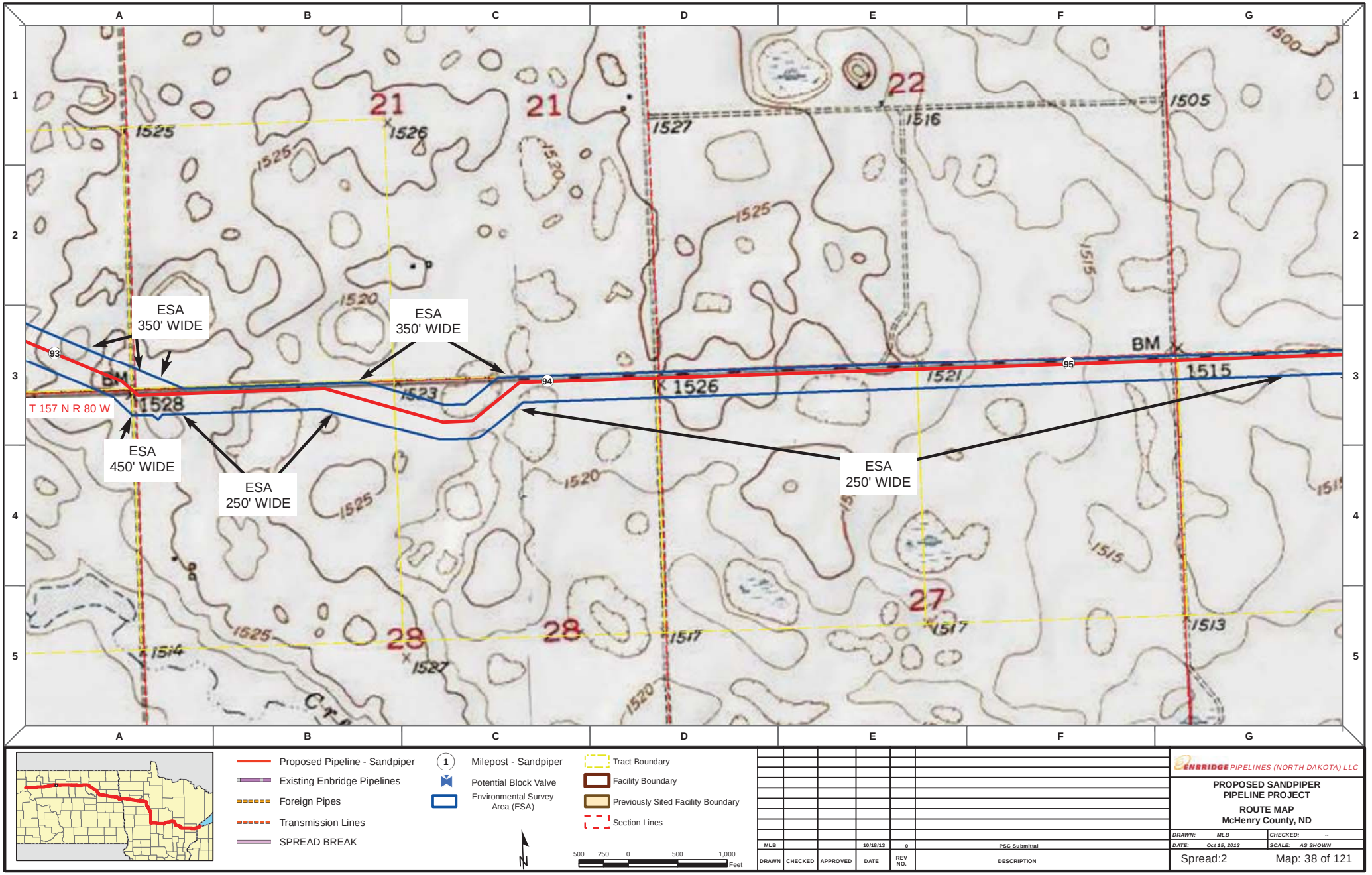
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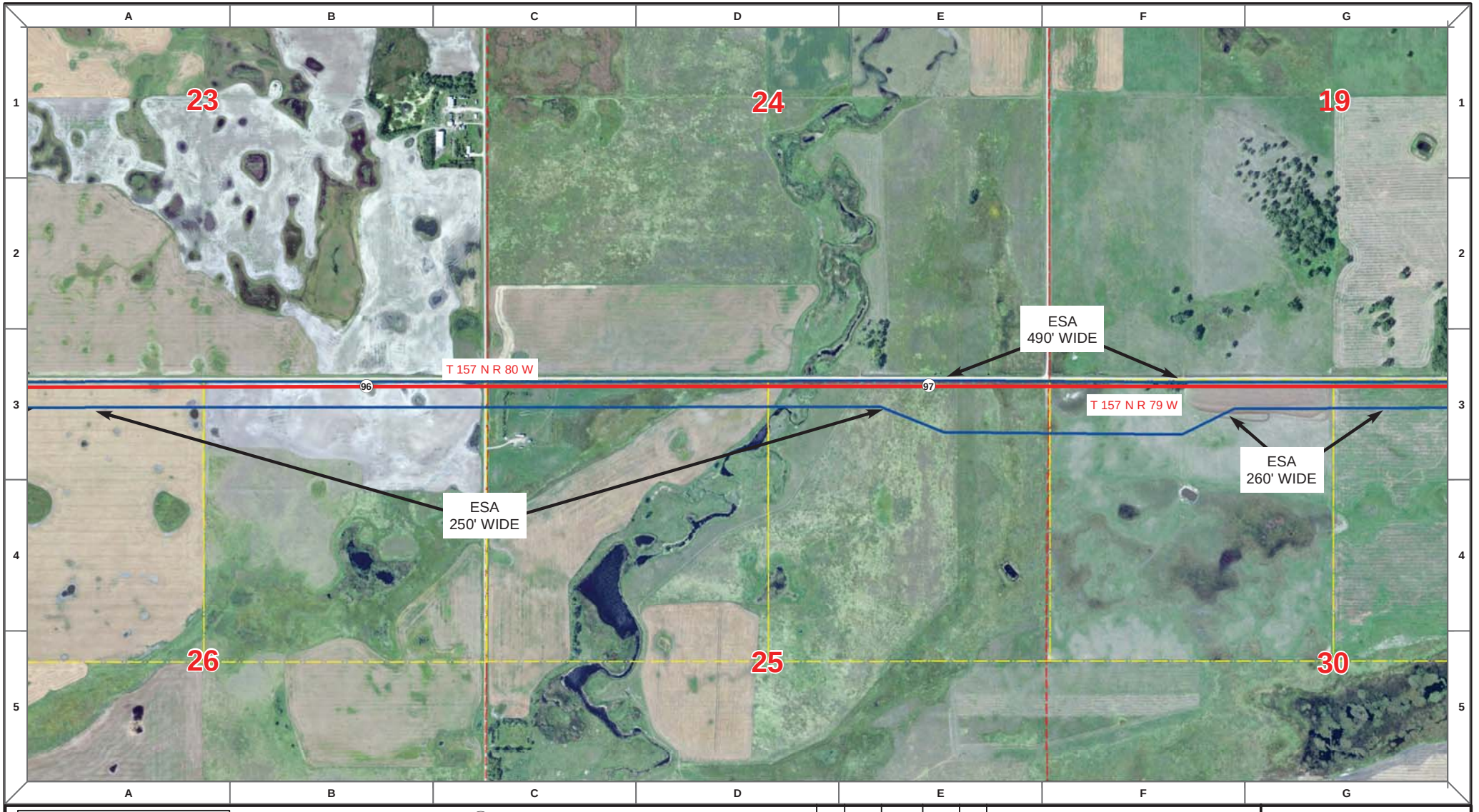
PROPOSED SANDPIPER PIPELINE PROJECT

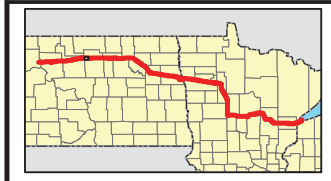
ROUTE MAP
McHenry County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 38 of 121


A
B
C
D
E
F
G
1
2
3
4
5
ESA
350' WIDE
ESA
350' WIDE
ESA
450' WIDE
ESA
250' WIDE
ESA
250' WIDE
T 157 N R 80 W
93
94
95
BM
1528
1526
1523
1521
1515
1525
1520
1527
1516
1505
1500
1517
1513
1514
21
22
28
27
Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK
Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)
Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines
N
500 250 0 500 1,000
Feet
MLB
10/18/13
0
PSC Submittal
DRAWN
CHECKED
APPROVED
DATE
REV NO.
DESCRIPTION
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC
PROPOSED SANDPIPER PIPELINE PROJECT
ROUTE MAP
McHenry County, ND
DRAWN: MLB
CHECKED: --
DATE: Oct 15, 2013
SCALE: AS SHOWN
Spread:2
Map: 38 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

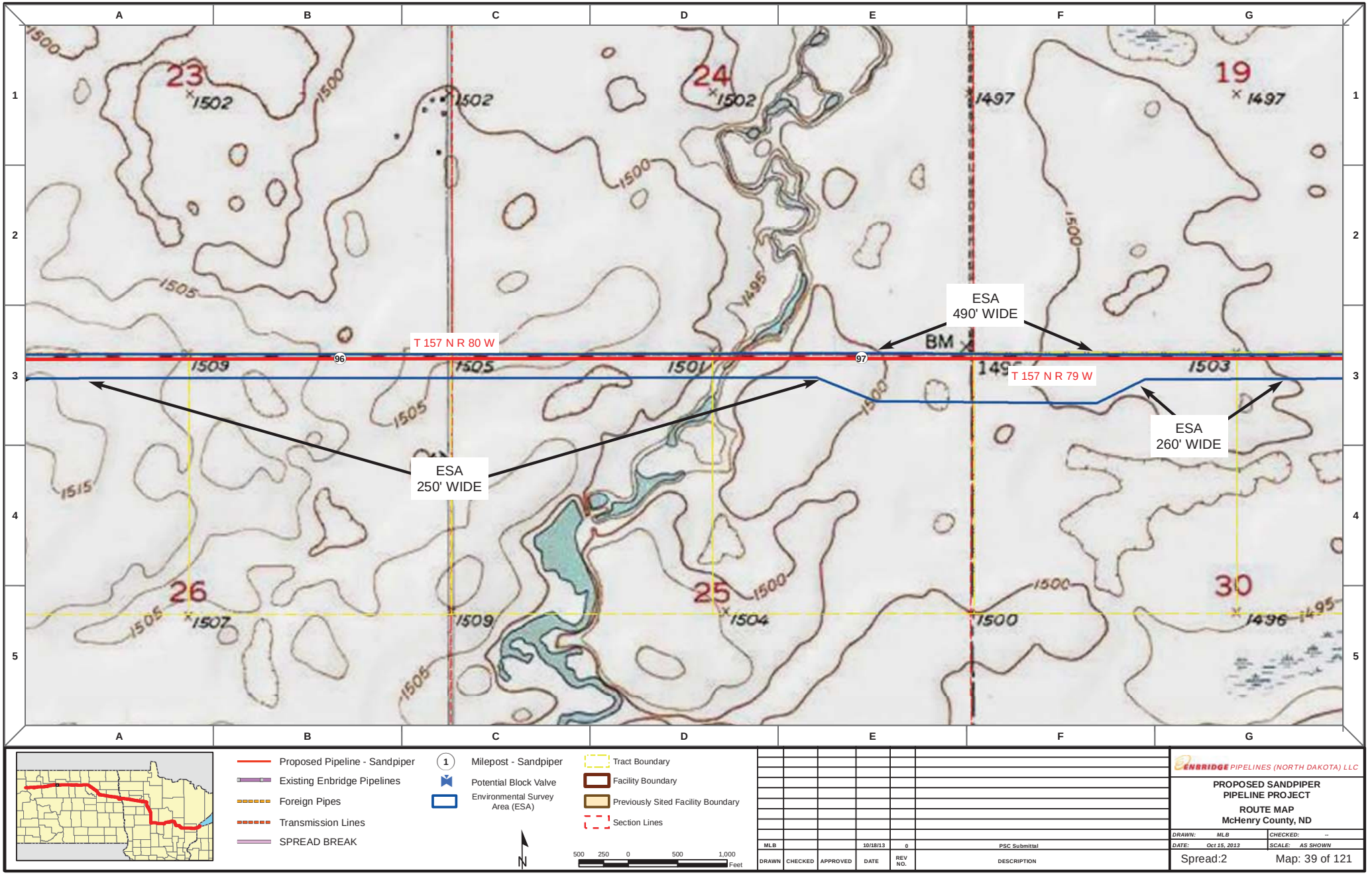
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 39 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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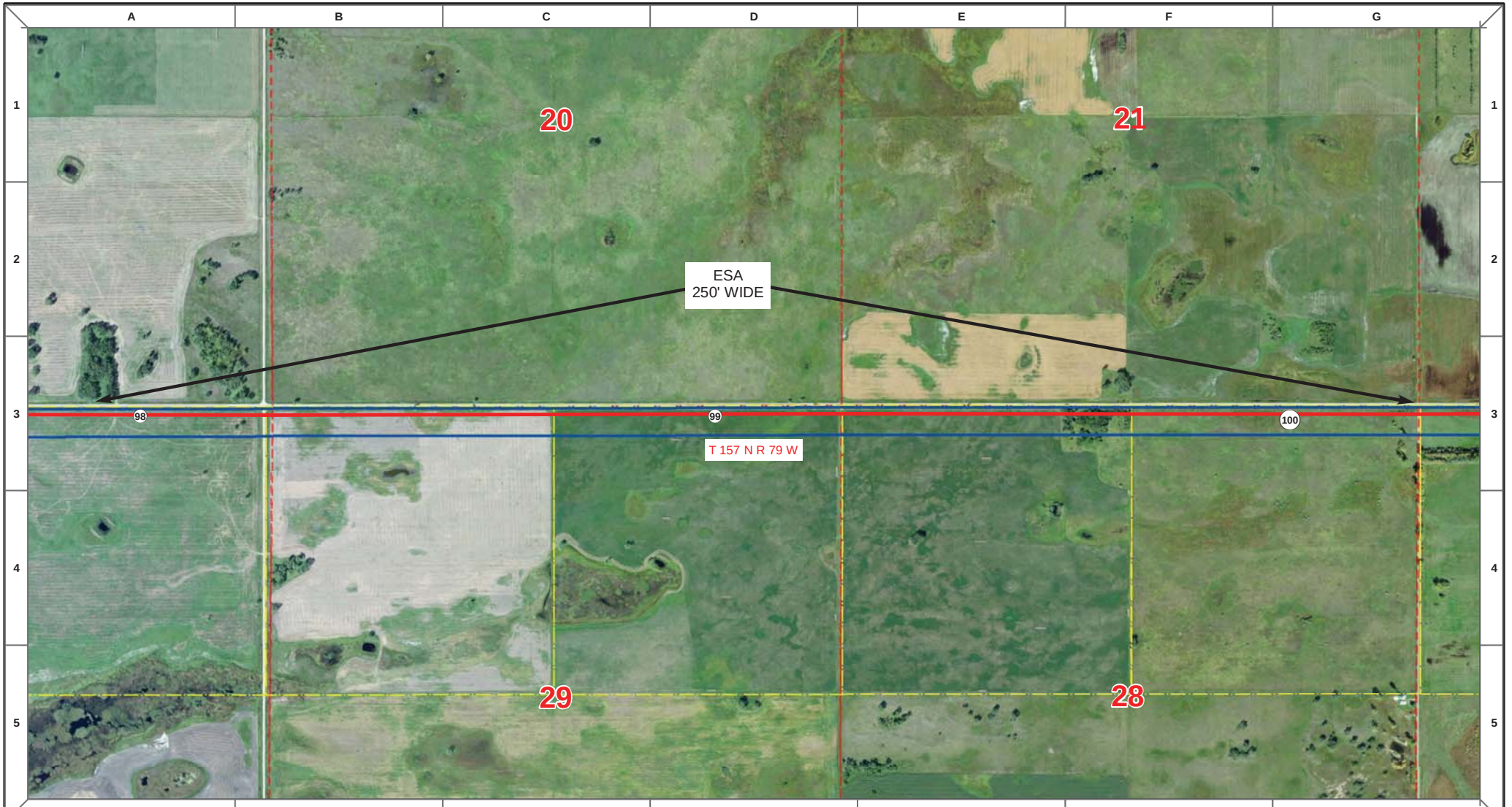
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

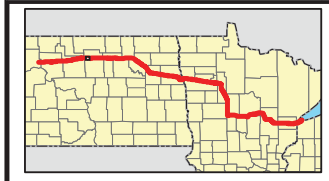
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 39 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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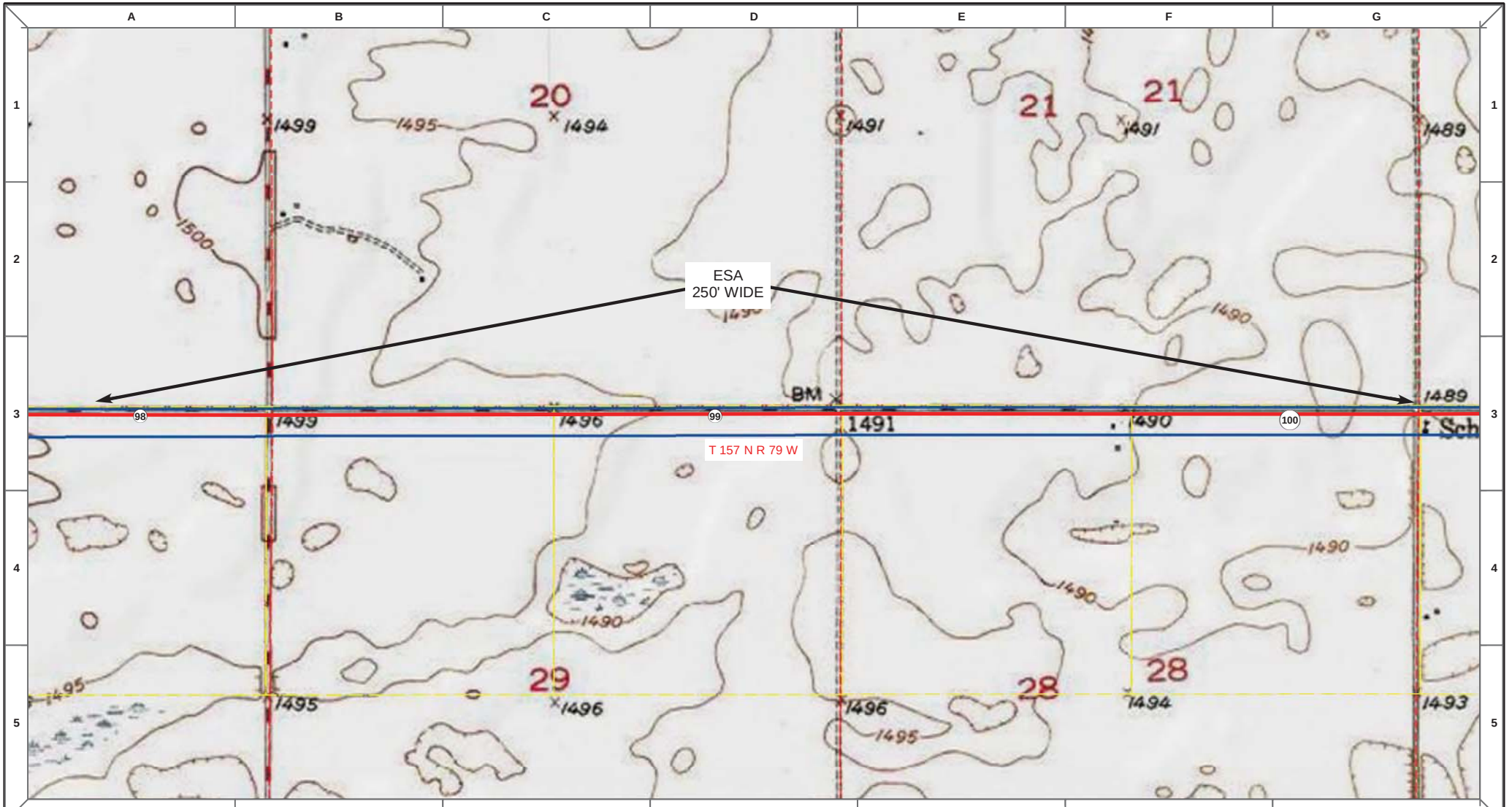
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

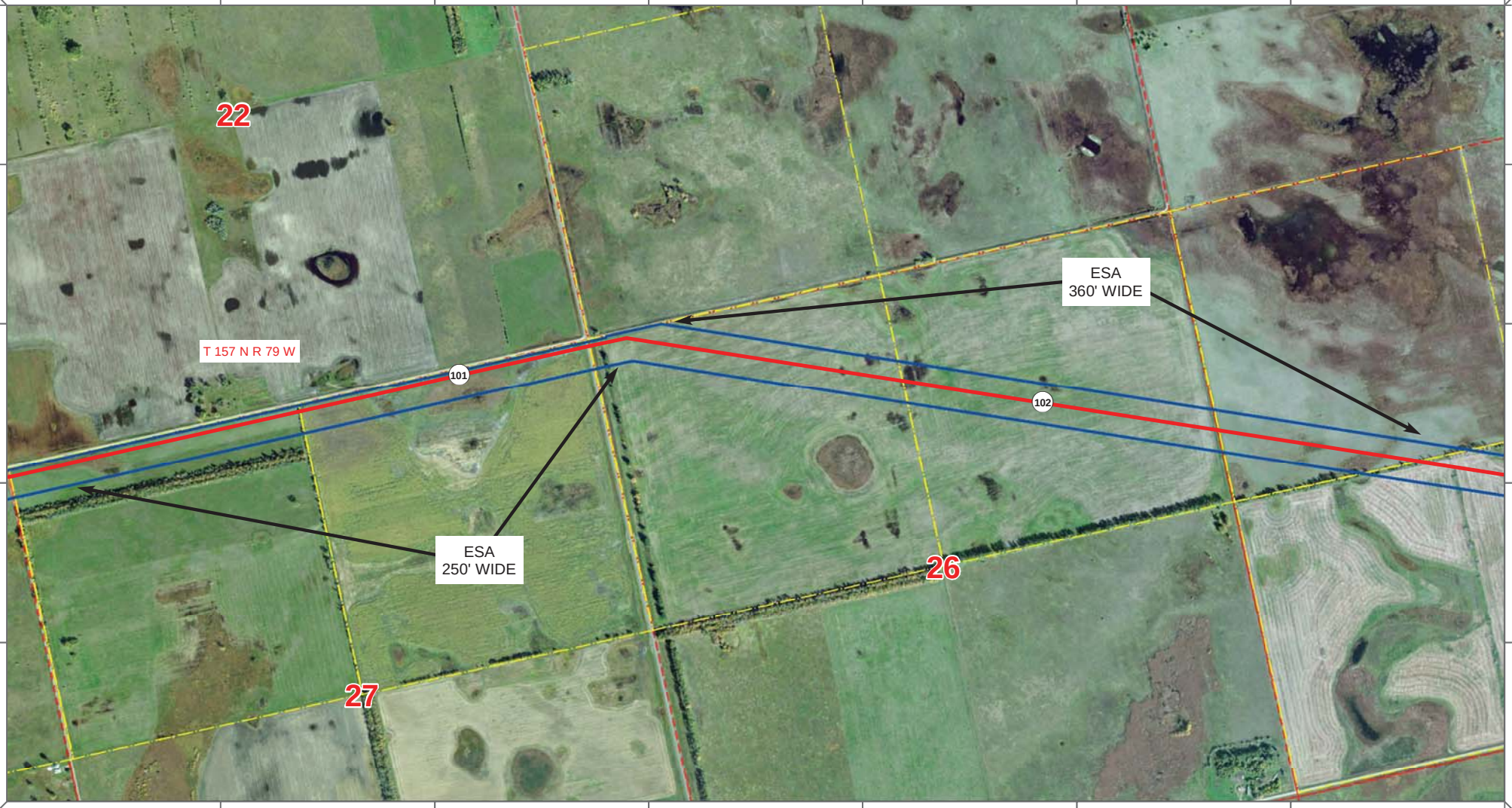
PROPOSED SANDPIPER PIPELINE PROJECT

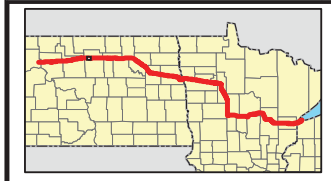
ROUTE MAP
McHenry County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 40 of 121


ESA
250' WIDE
T 157 N R 79 W
98
99
100
BM
20
21
21
29
28
28
1499
1495
1494
1491
1491
1489
1500
1490
1499
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1493
Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK
Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)
Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines
N
500 250 0 500 1,000
Feet
MLB
10/18/13
0
PSC Submittal
DRAWN
CHECKED
APPROVED
DATE
REV NO.
DESCRIPTION
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC
PROPOSED SANDPIPER PIPELINE PROJECT
ROUTE MAP
McHenry County, ND
DRAWN: MLB
CHECKED: --
DATE: Oct 15, 2013
SCALE: AS SHOWN
Spread:2
Map: 40 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

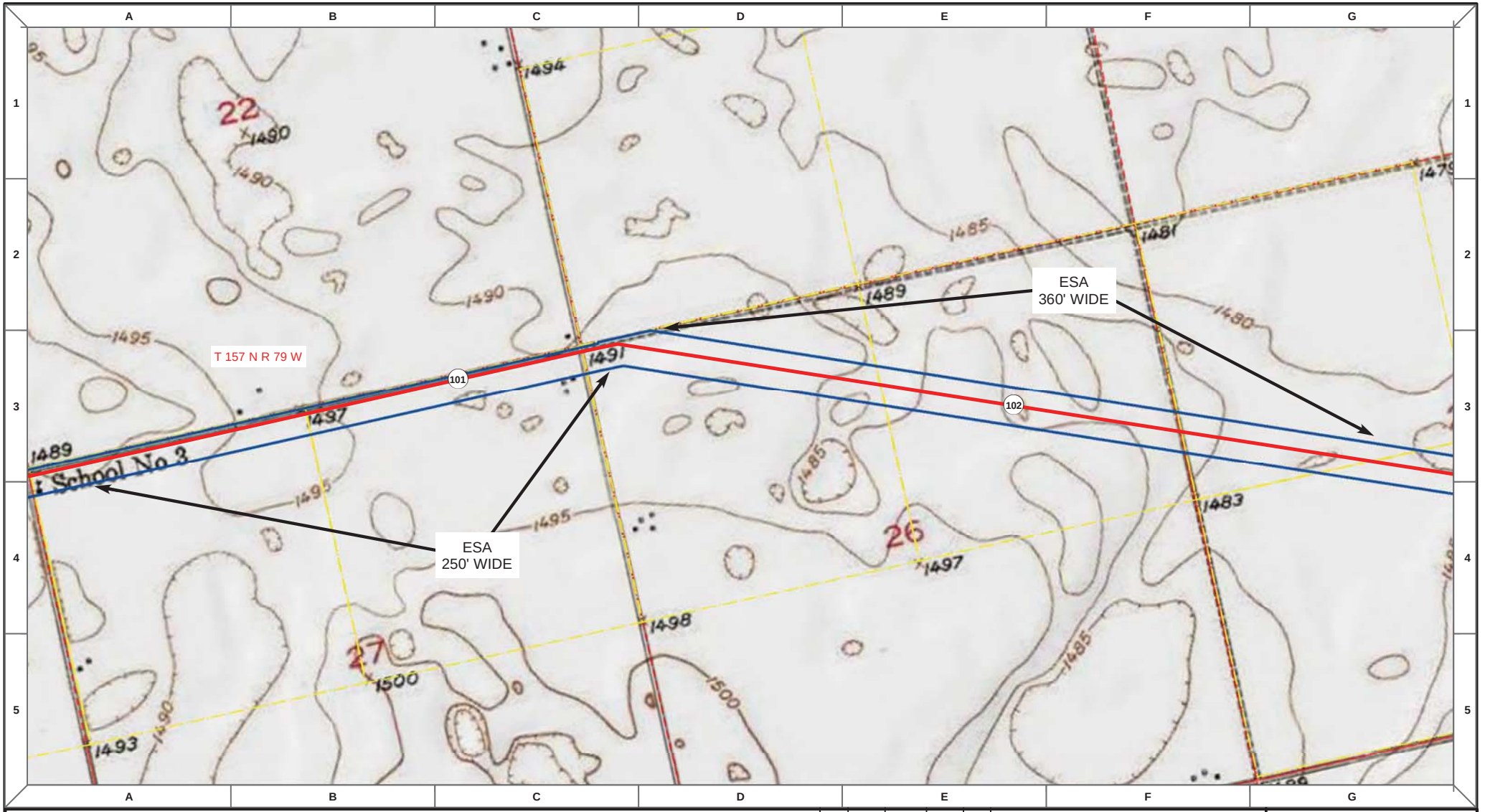
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 41 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

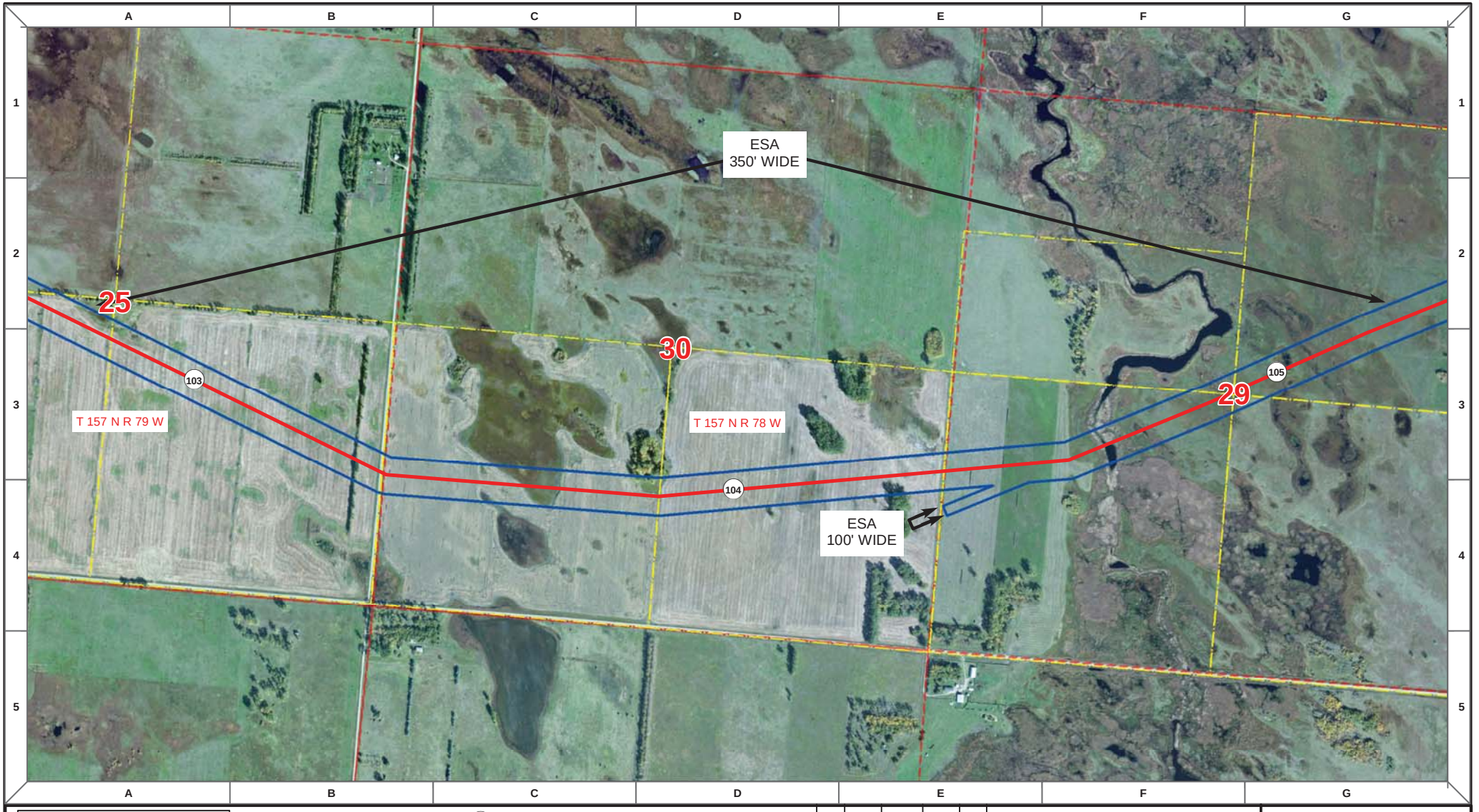
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

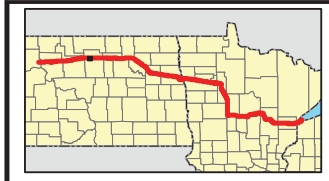
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 41 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

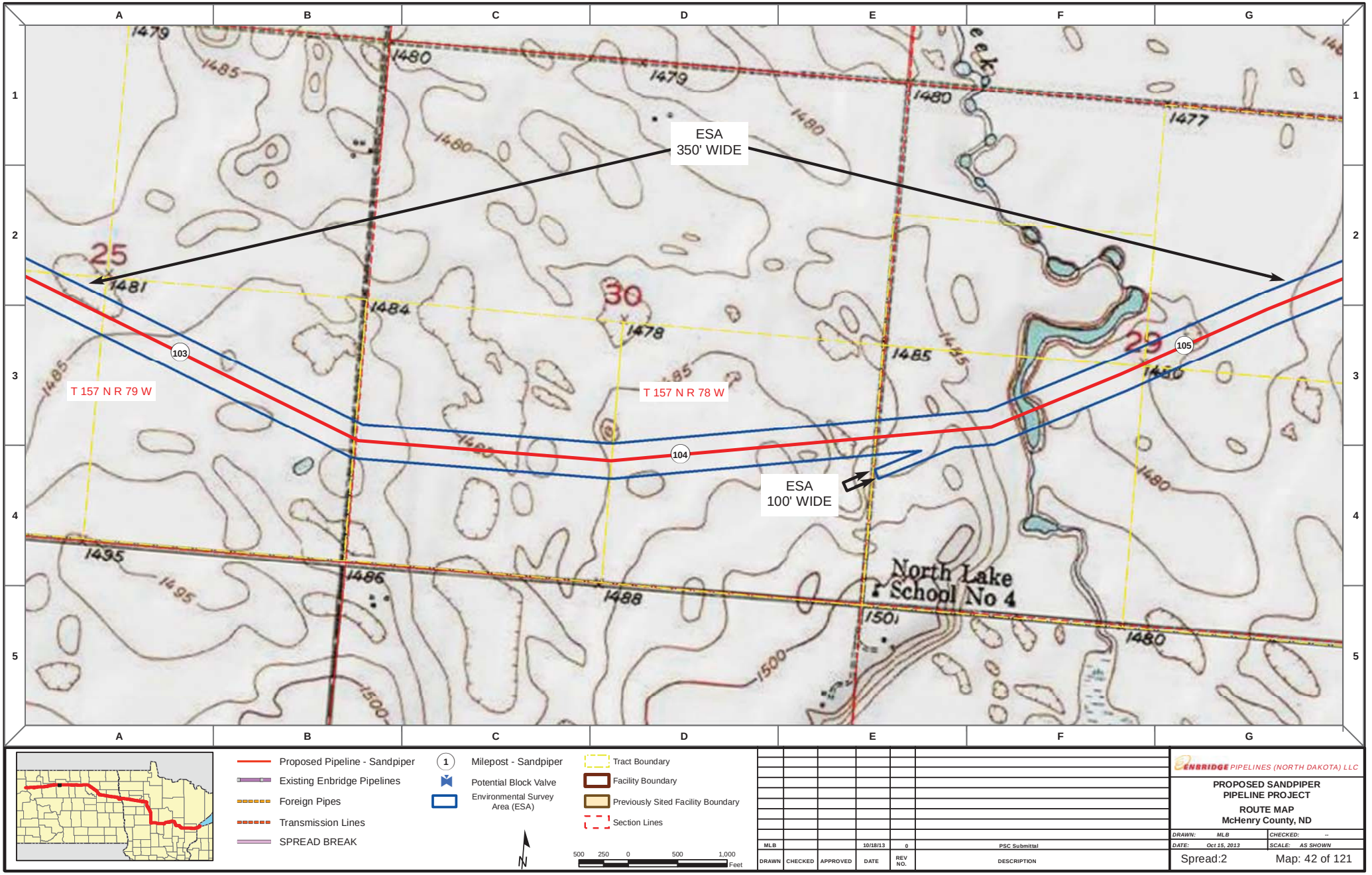
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 42 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

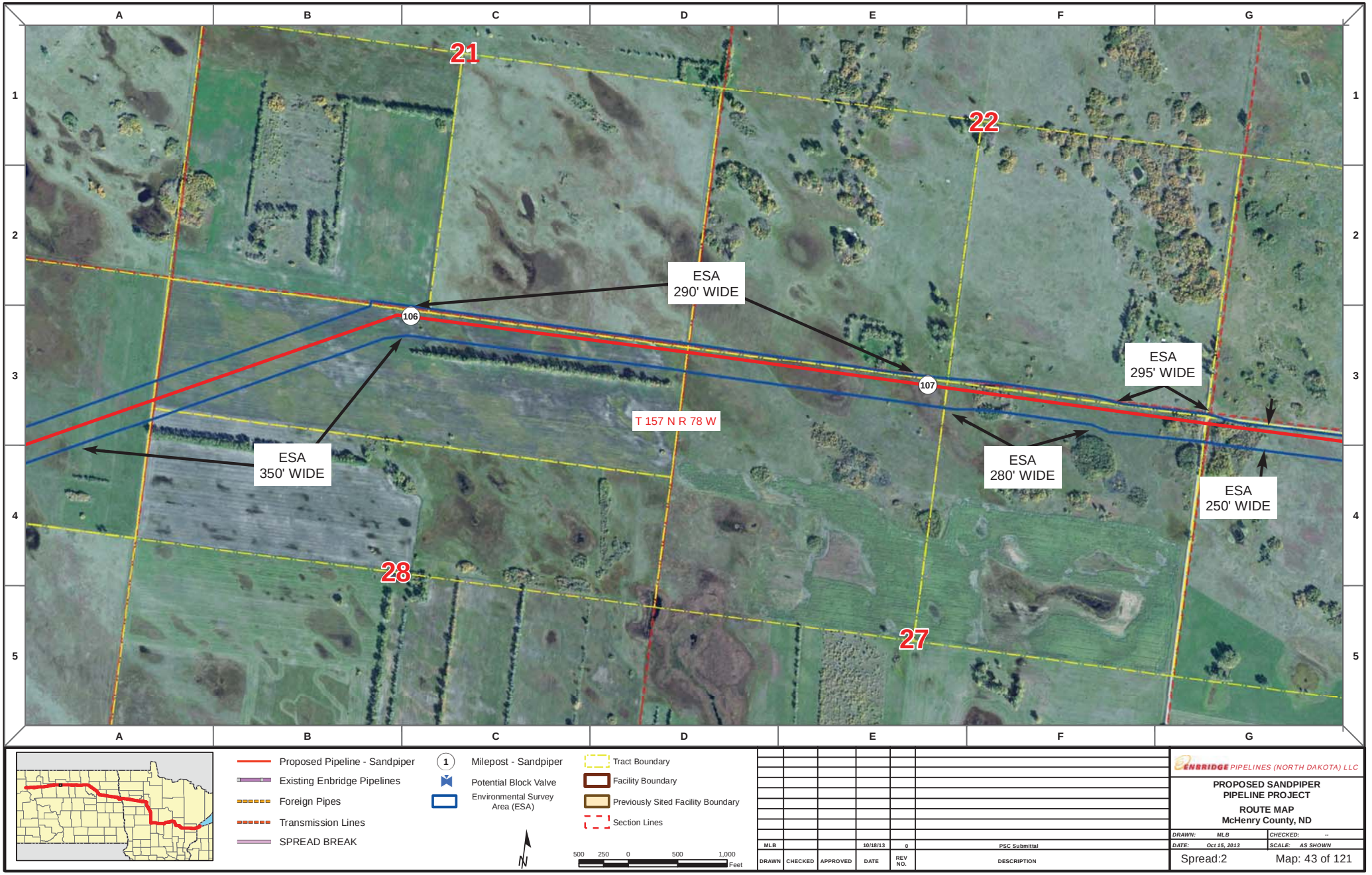
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 42 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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MLB			10/18/13	0	PSC Submittal

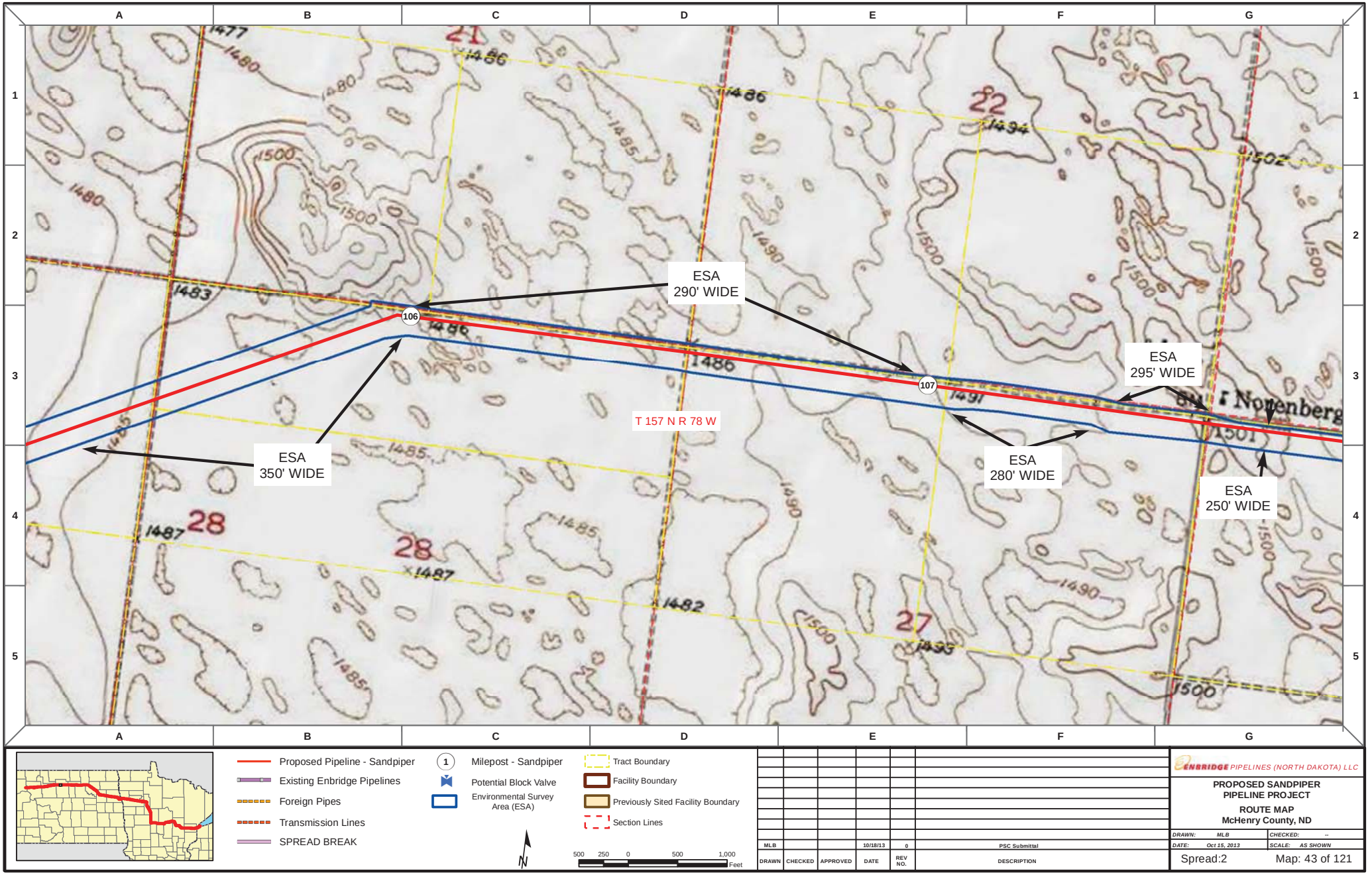
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 43 of 121



DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

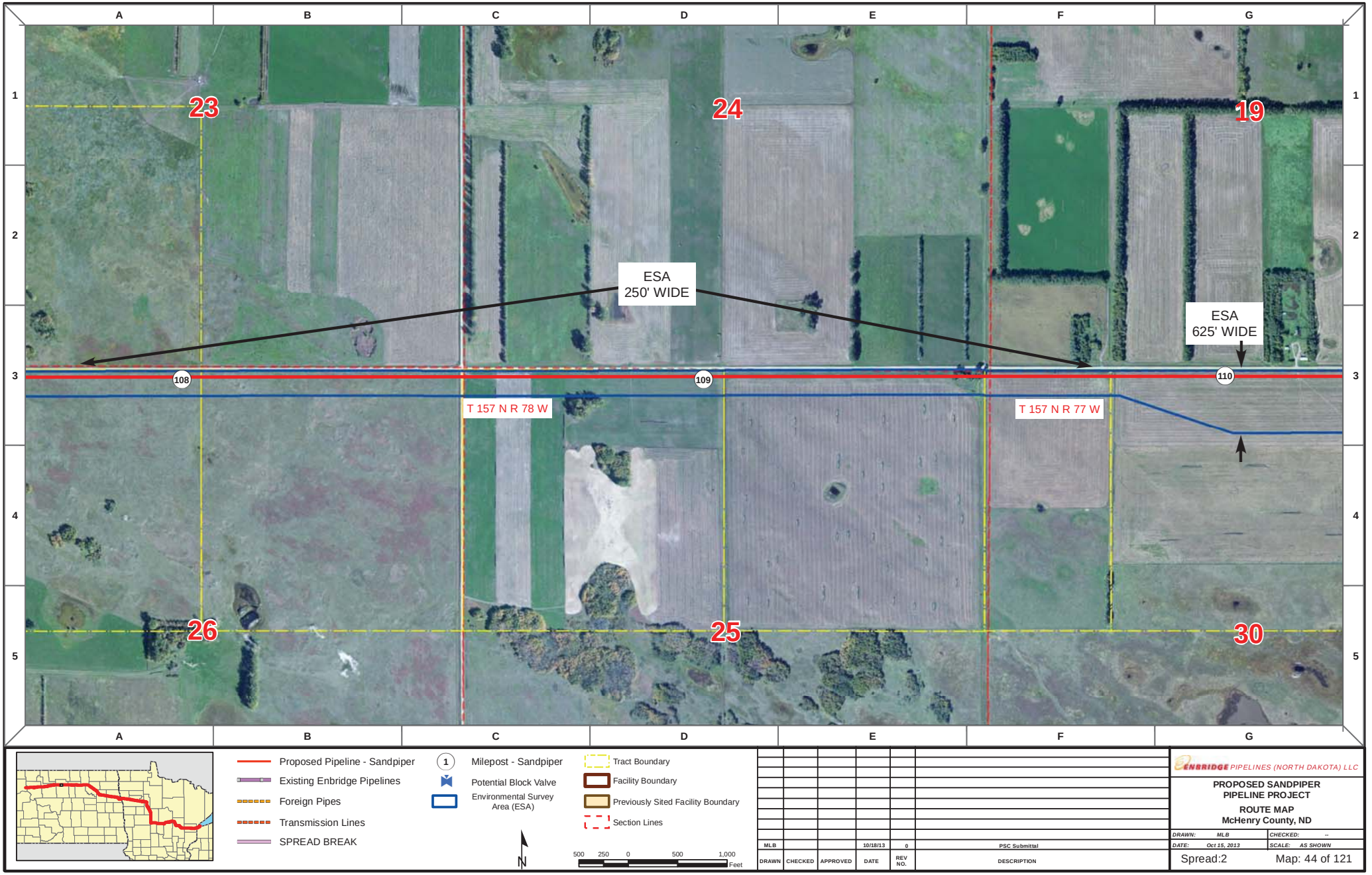
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:2 Map: 43 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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MLB			10/18/13	0	PSC Submittal

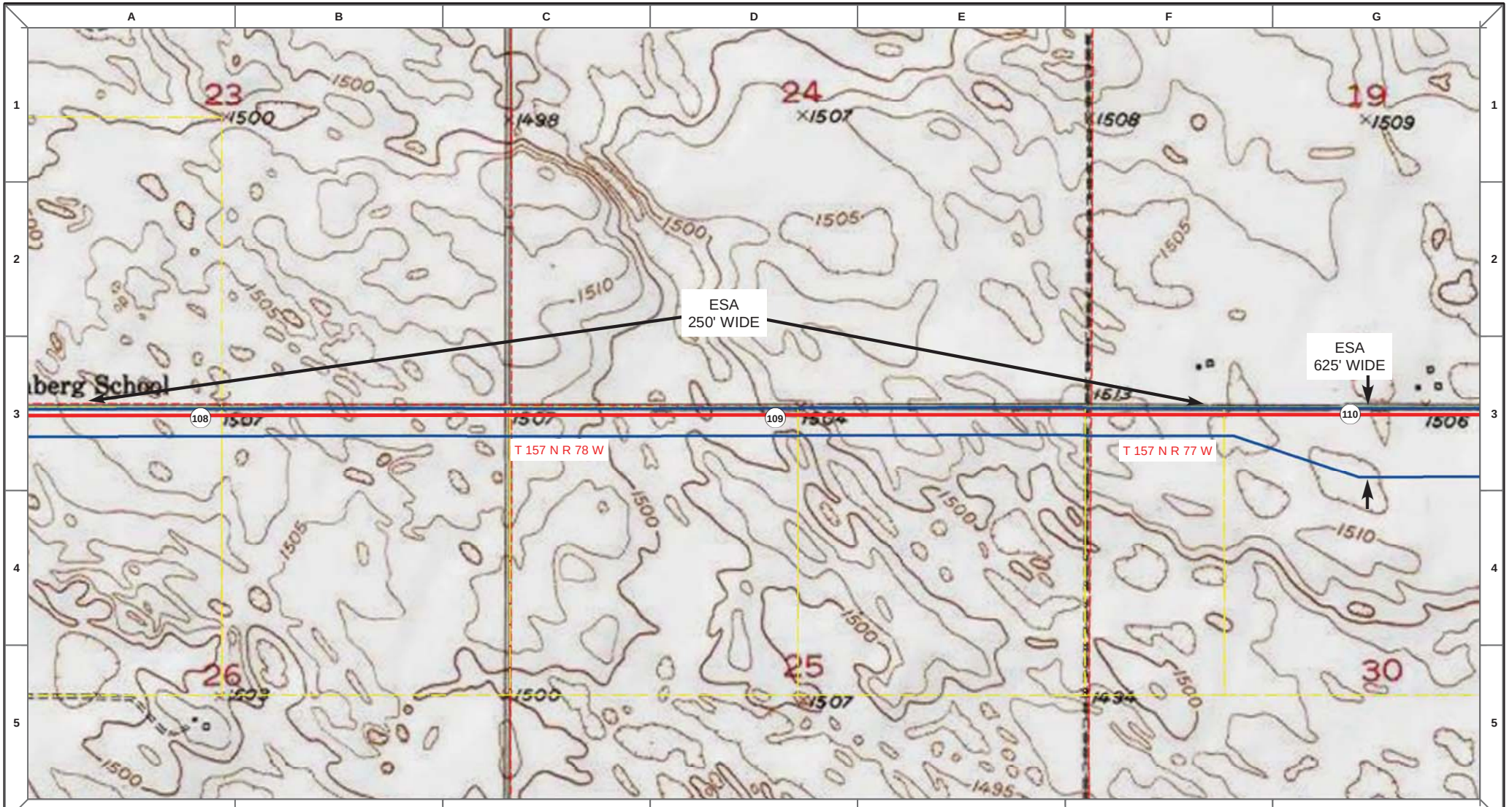
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 44 of 121



DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

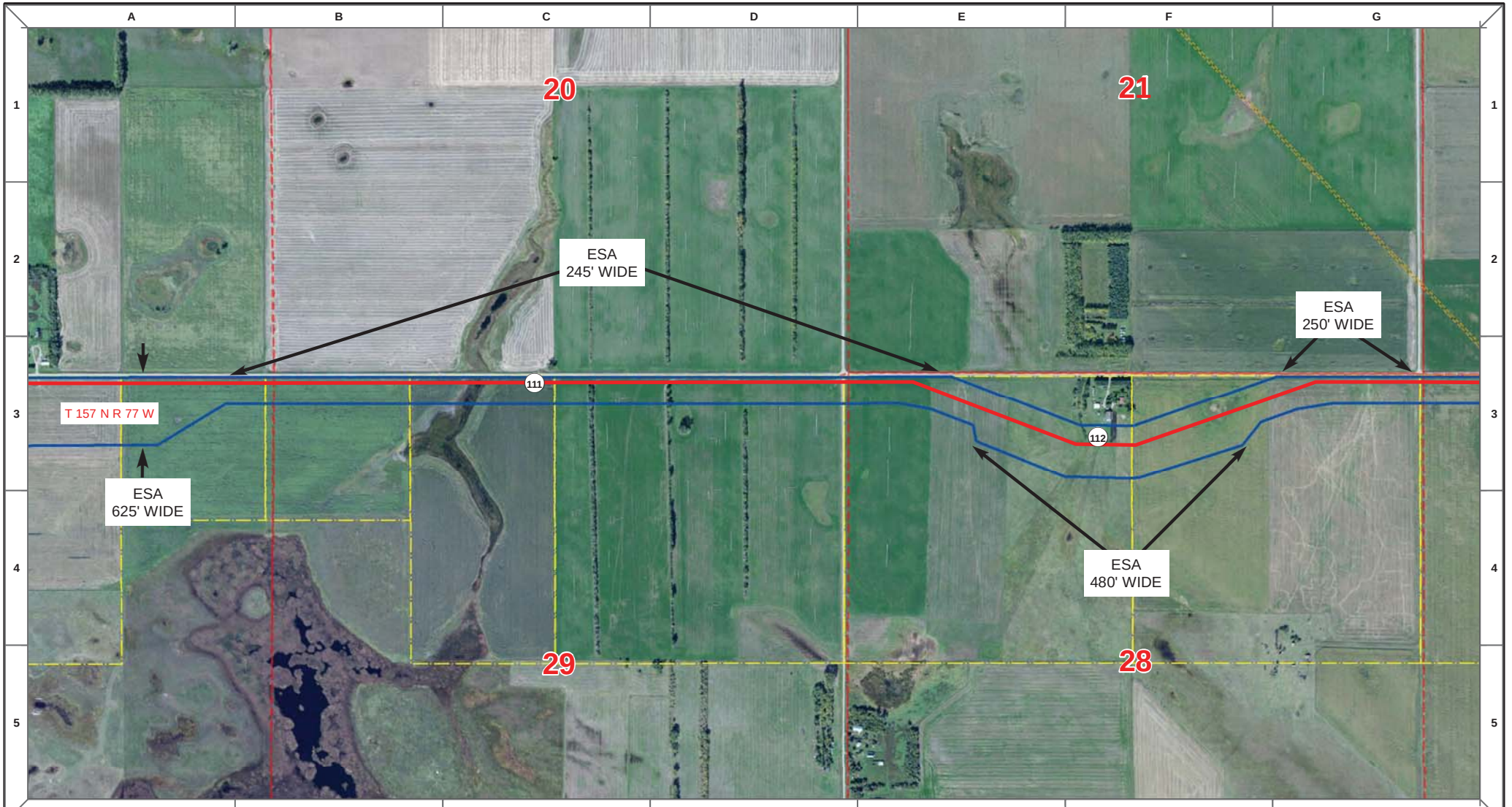
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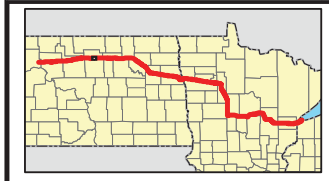
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:2 Map: 44 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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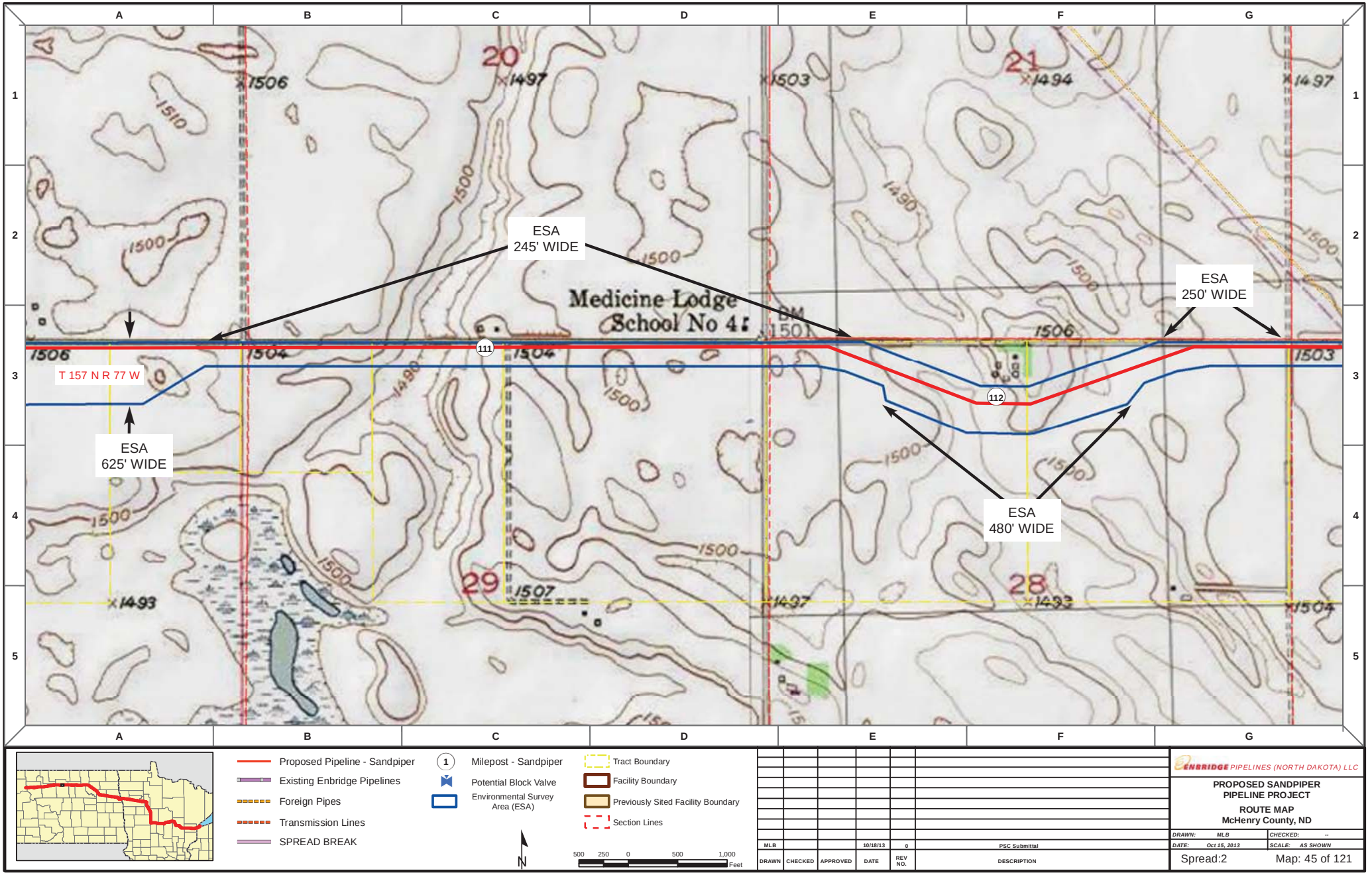
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 45 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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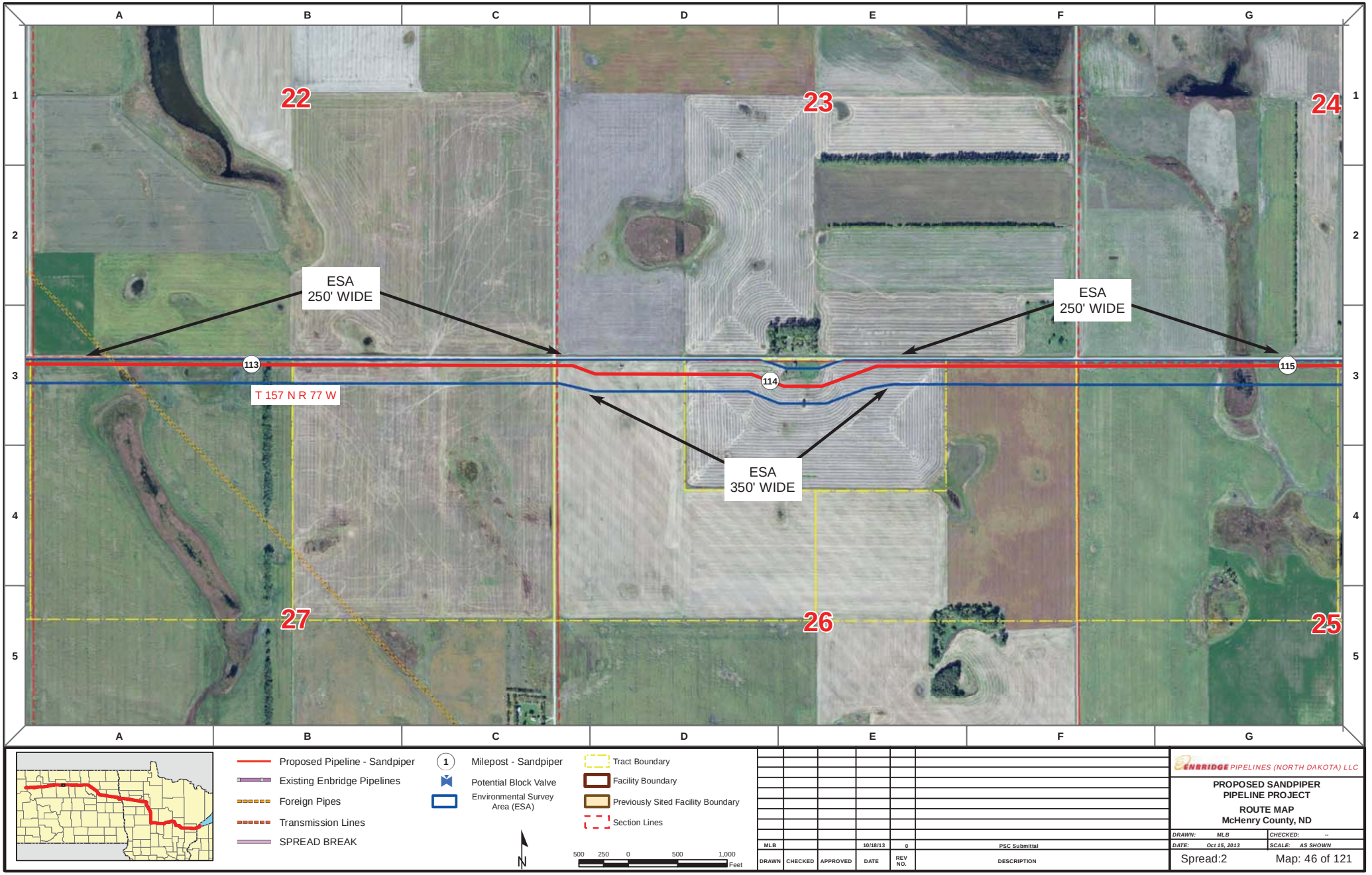
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 45 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

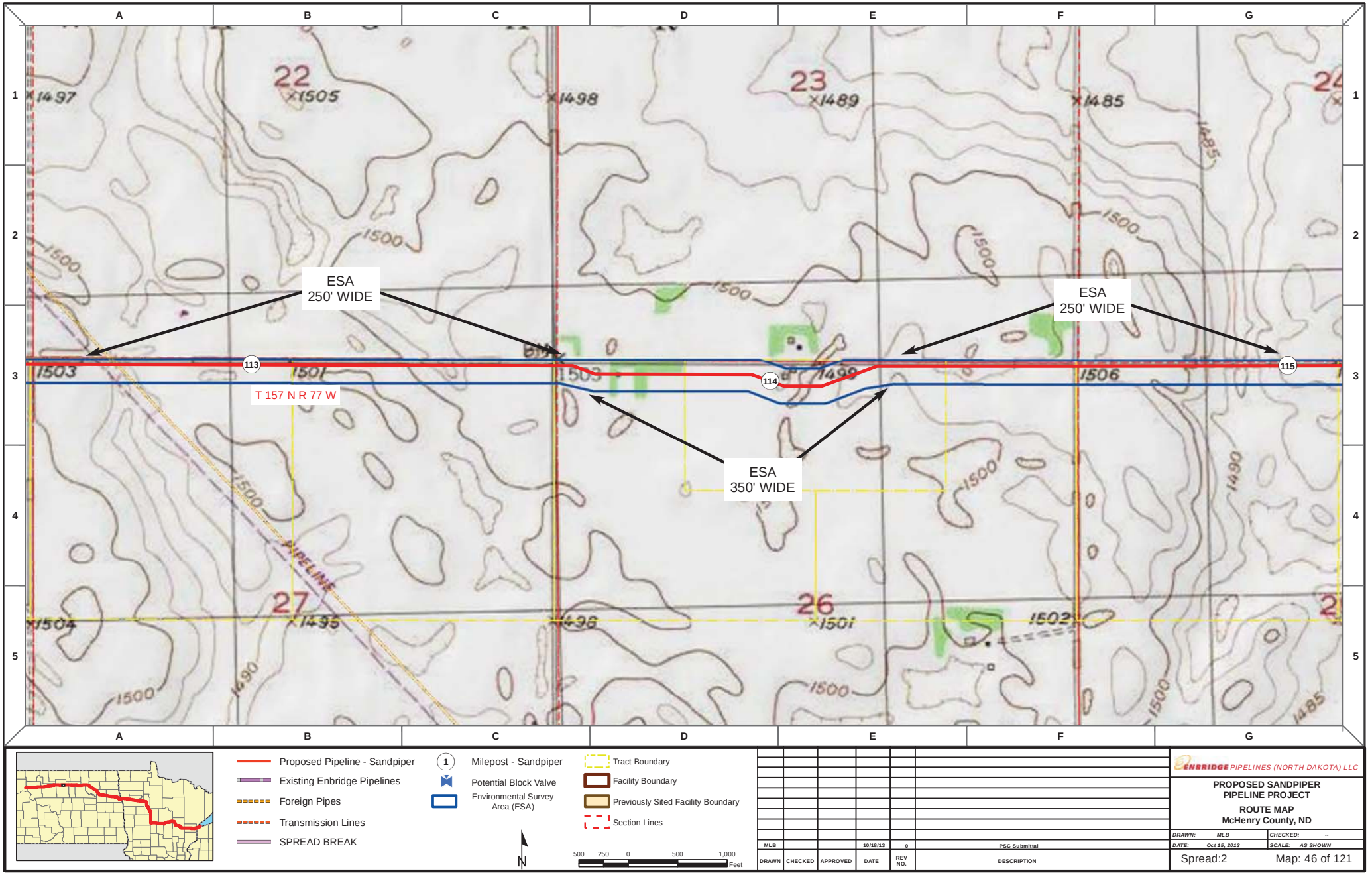
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 46 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

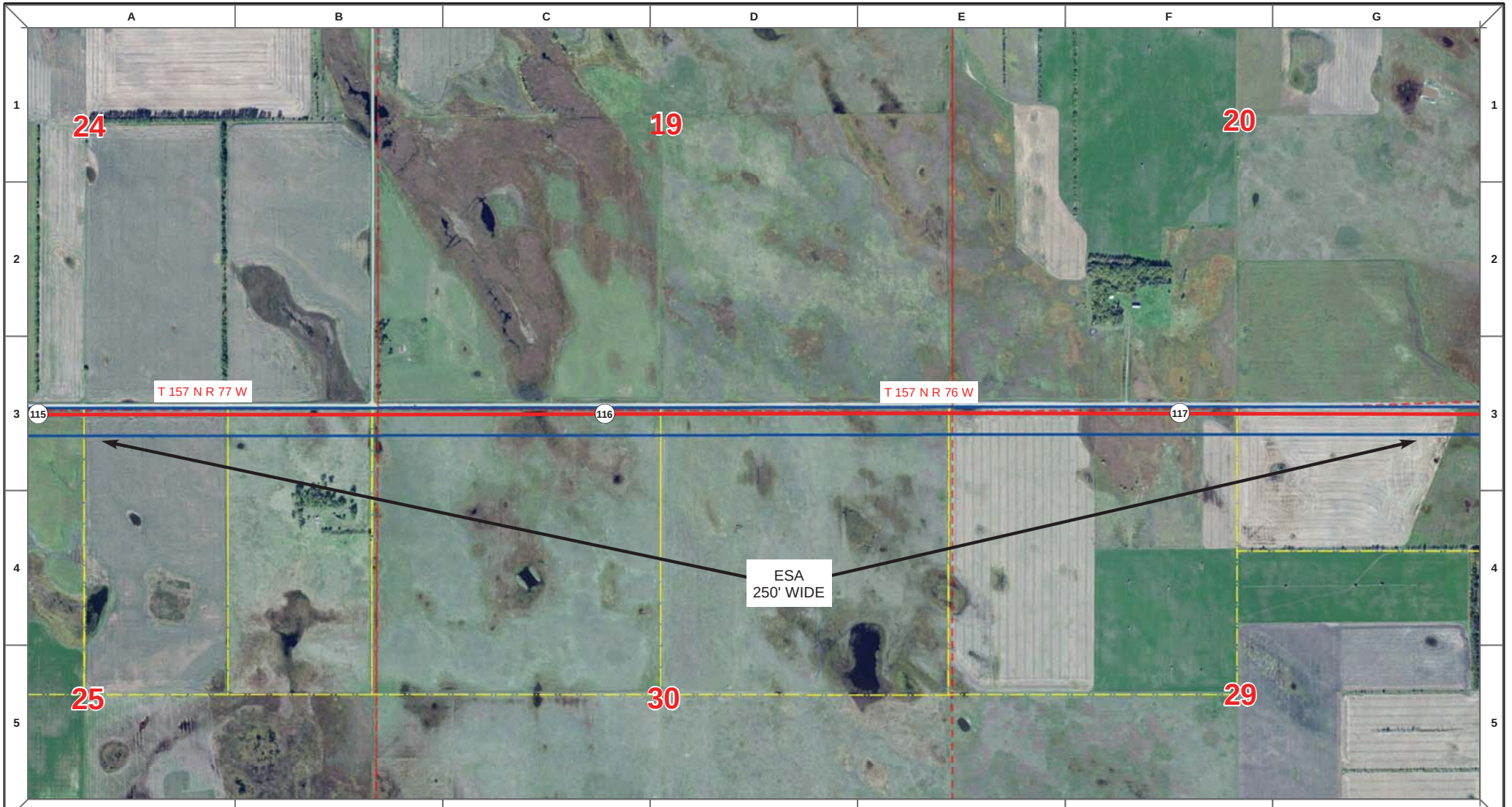
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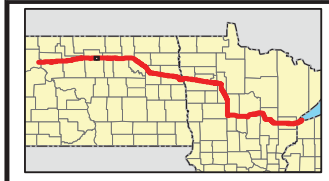
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 46 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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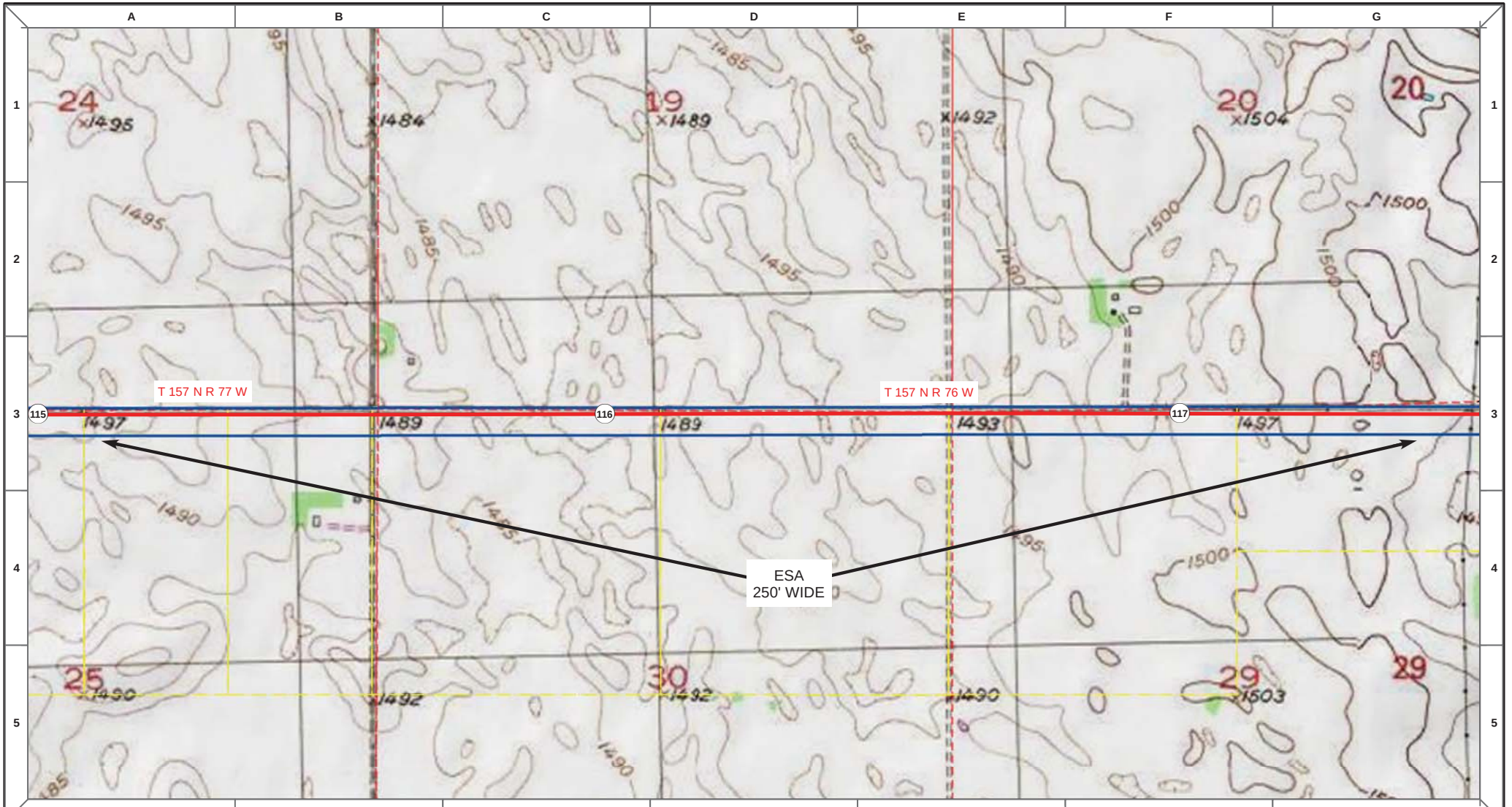
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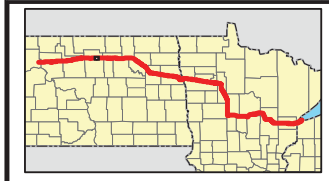
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 47 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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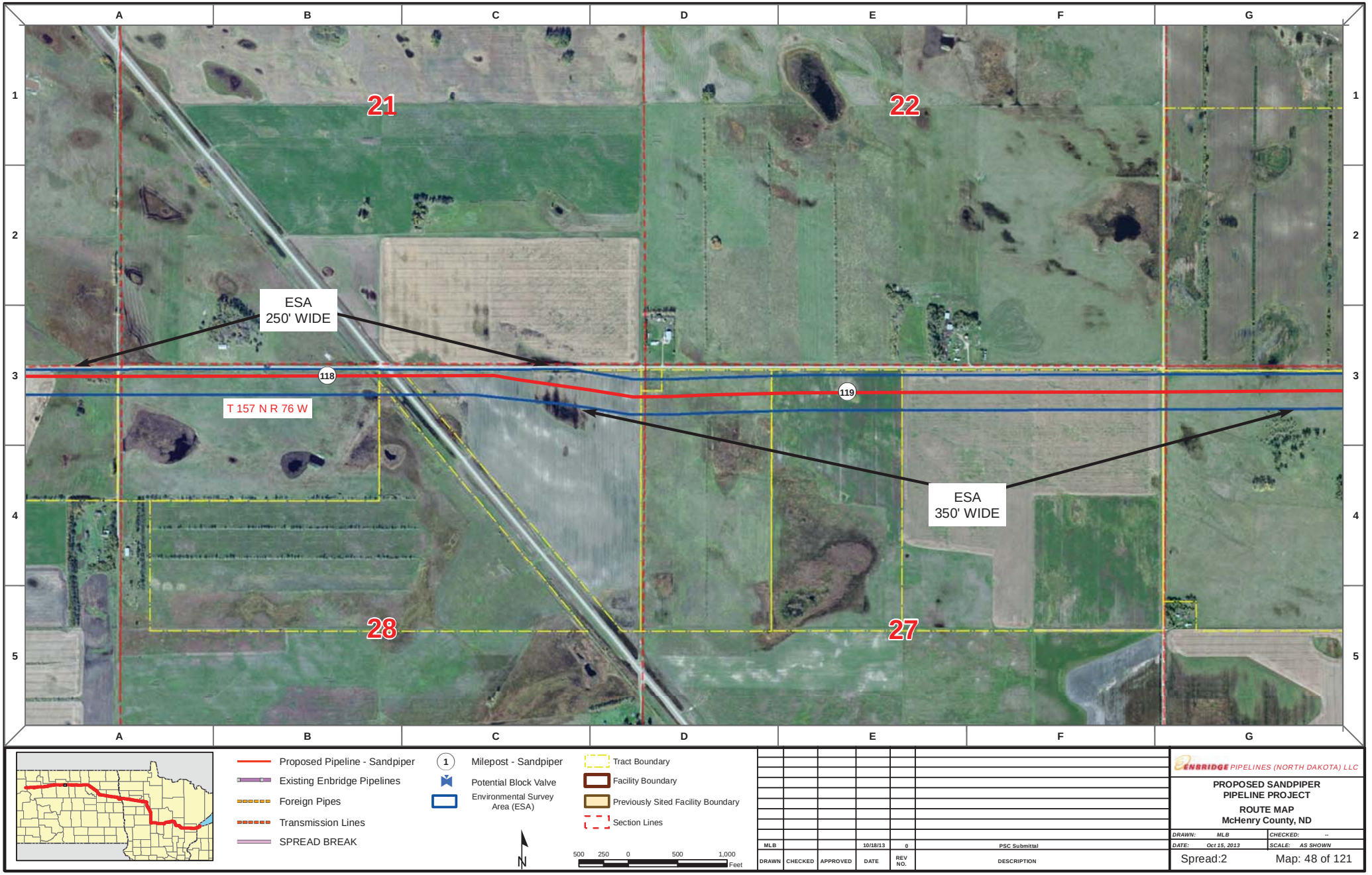
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:2 Map: 47 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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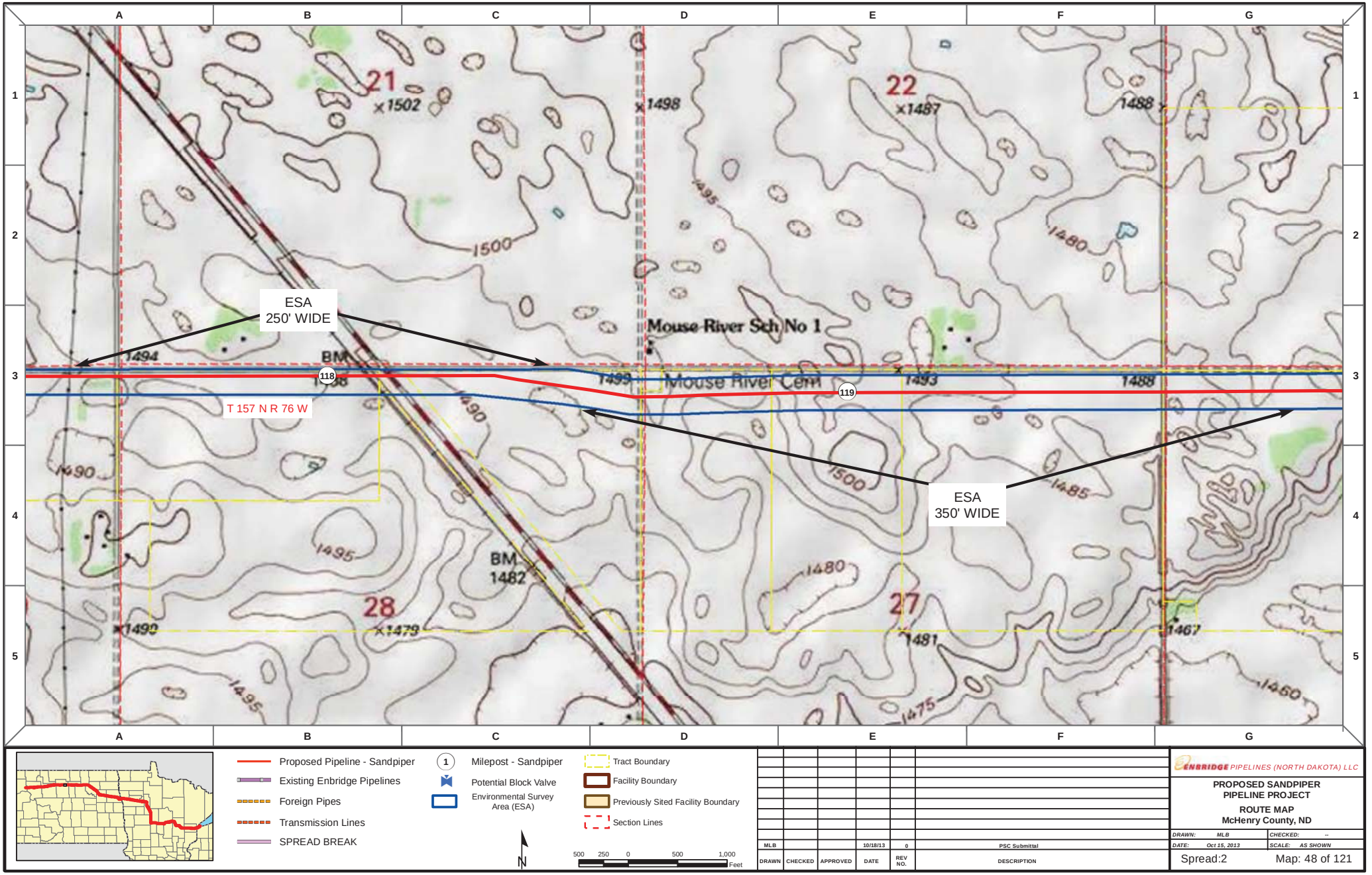
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 48 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
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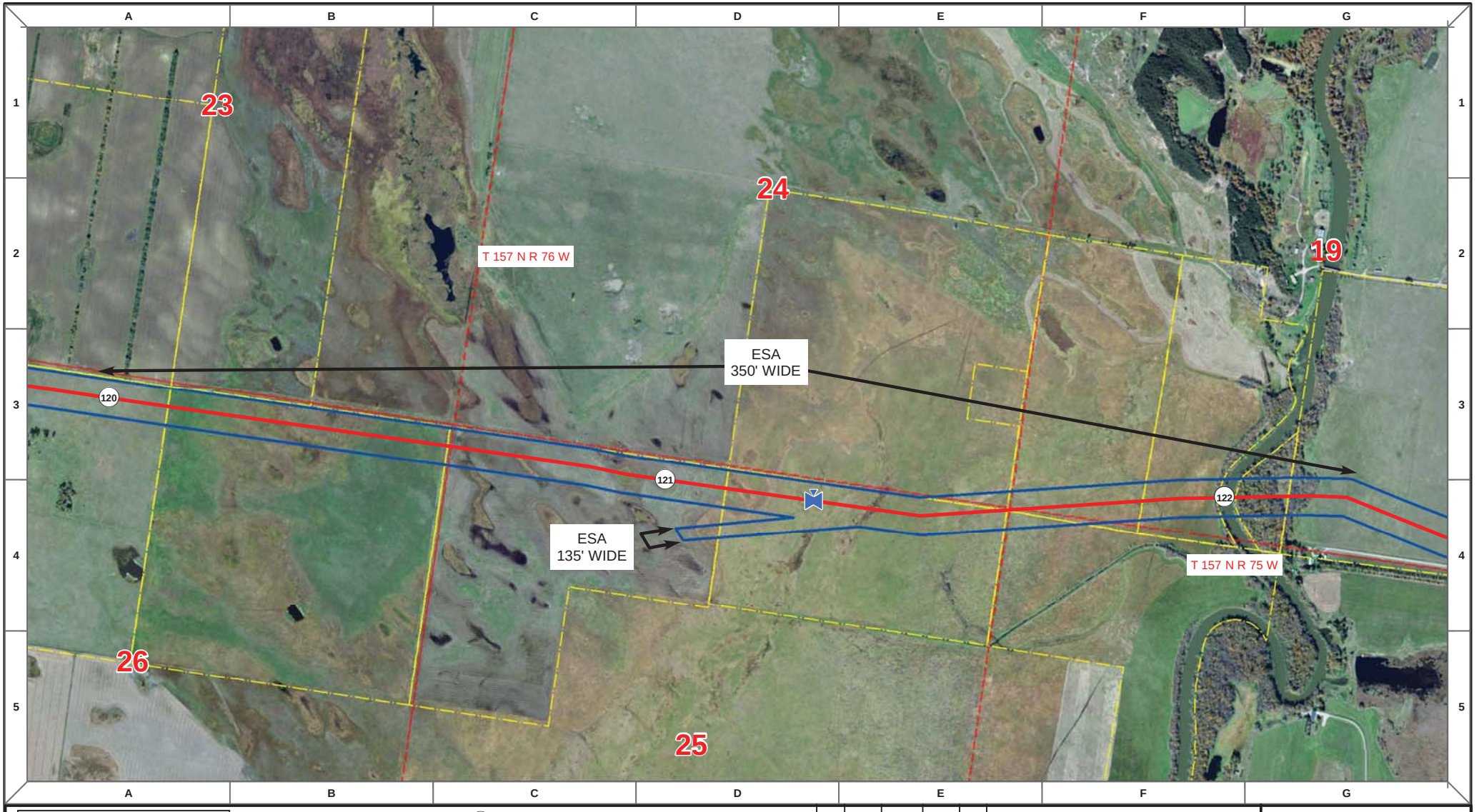
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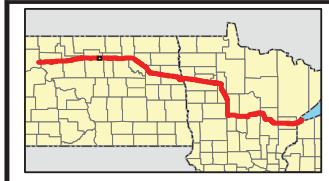
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:2 Map: 48 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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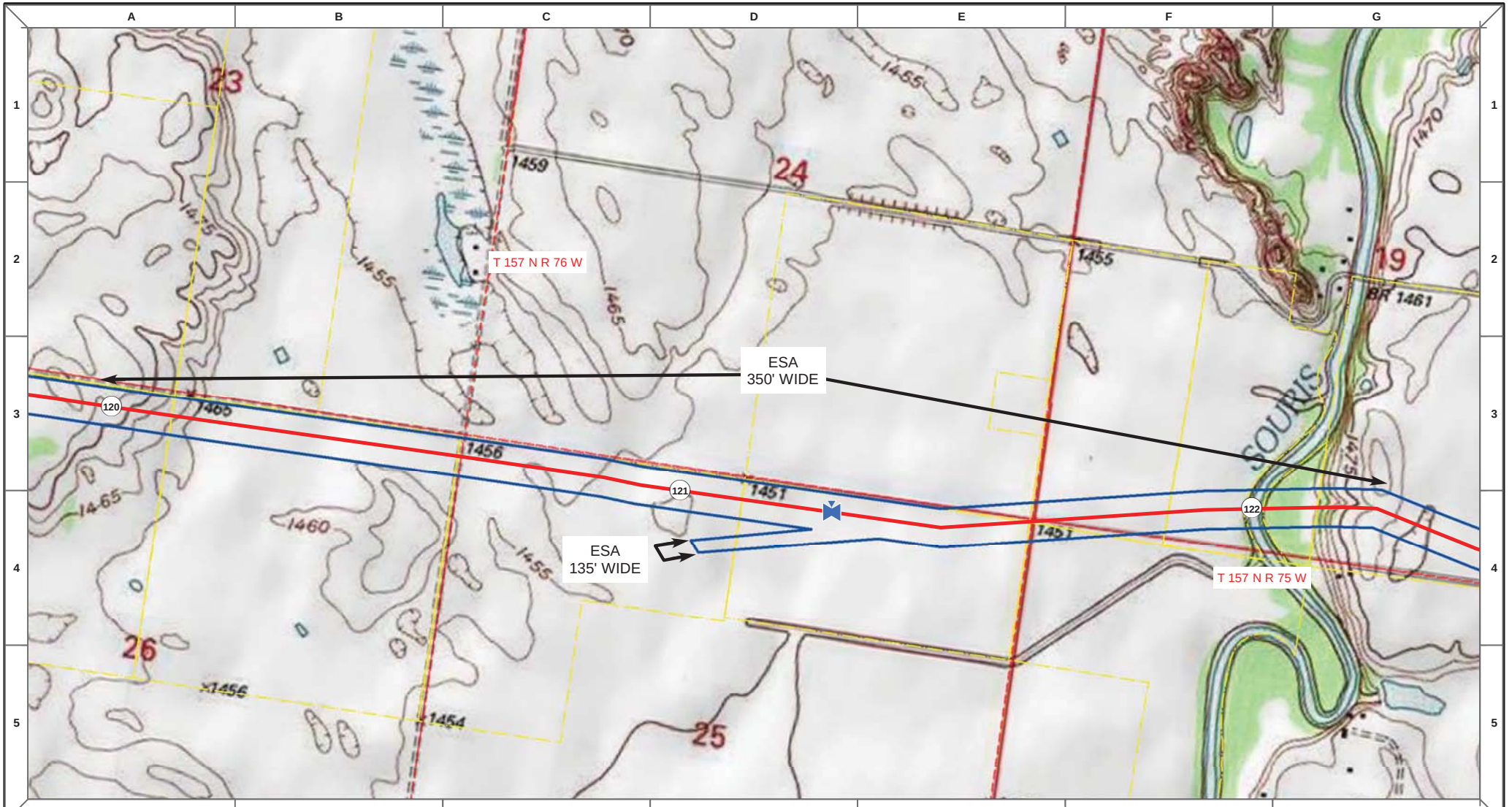
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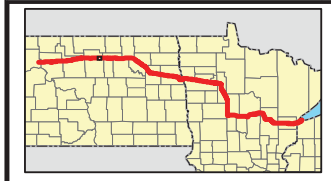
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 49 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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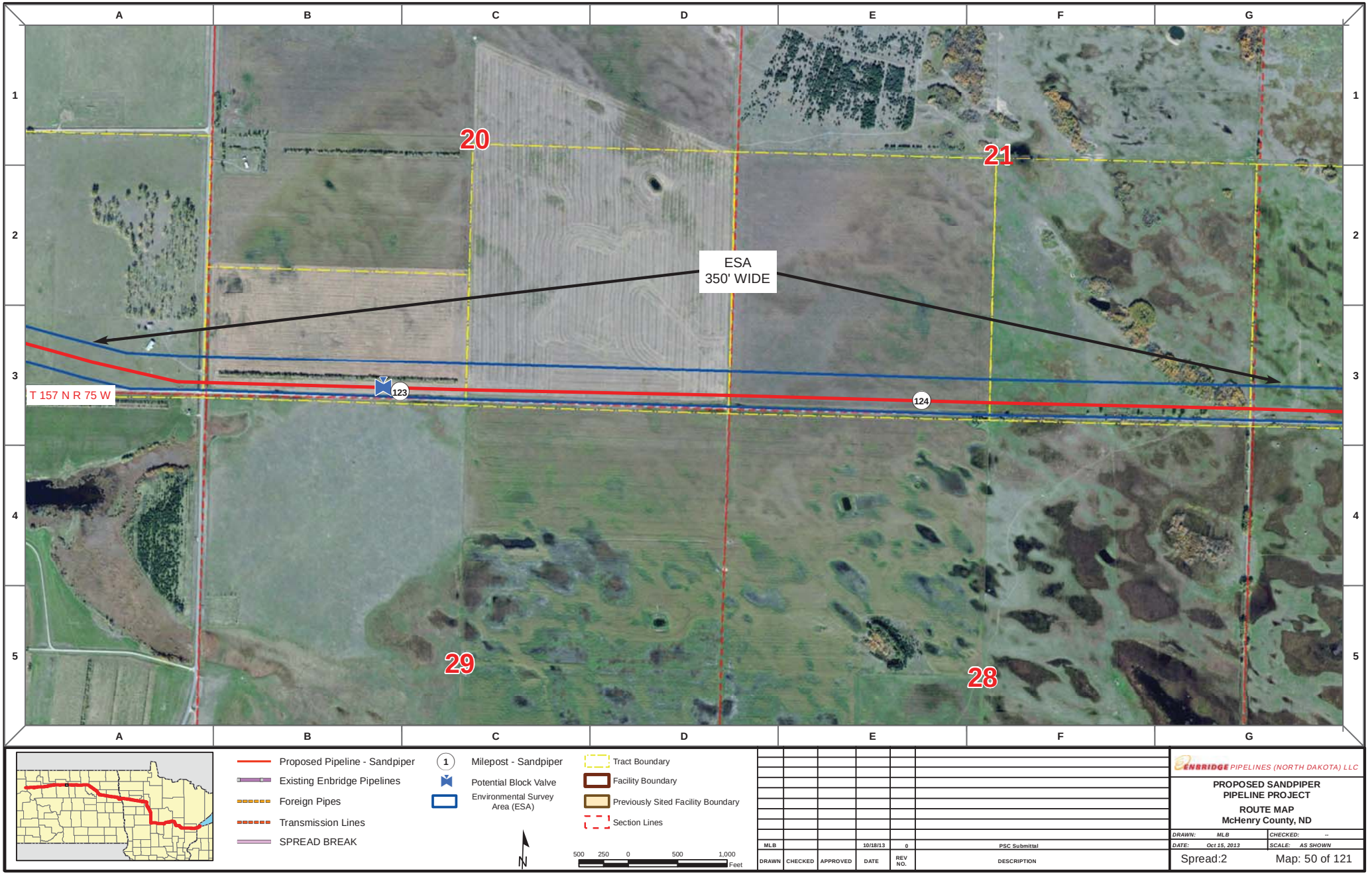
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 49 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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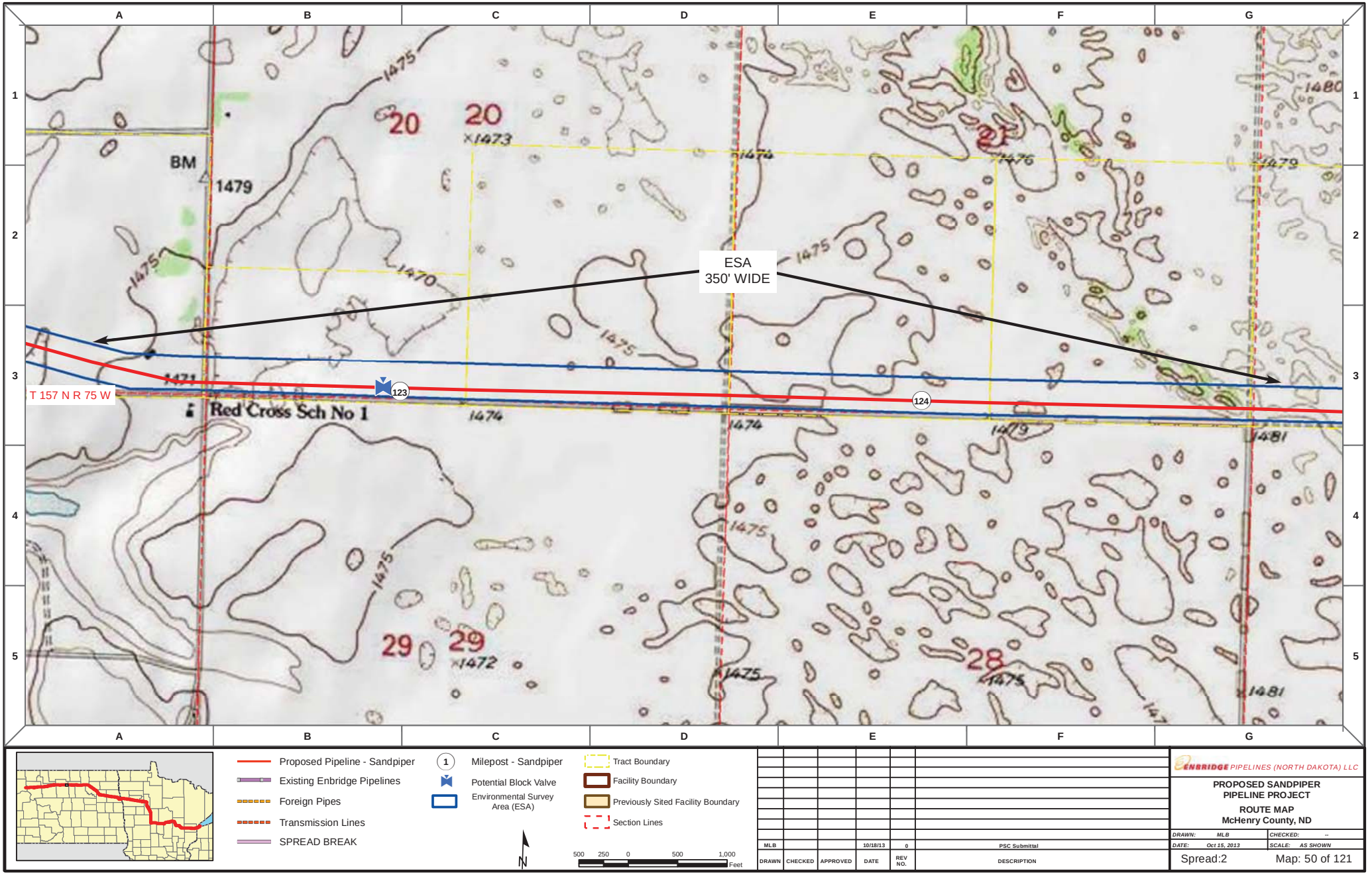
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 50 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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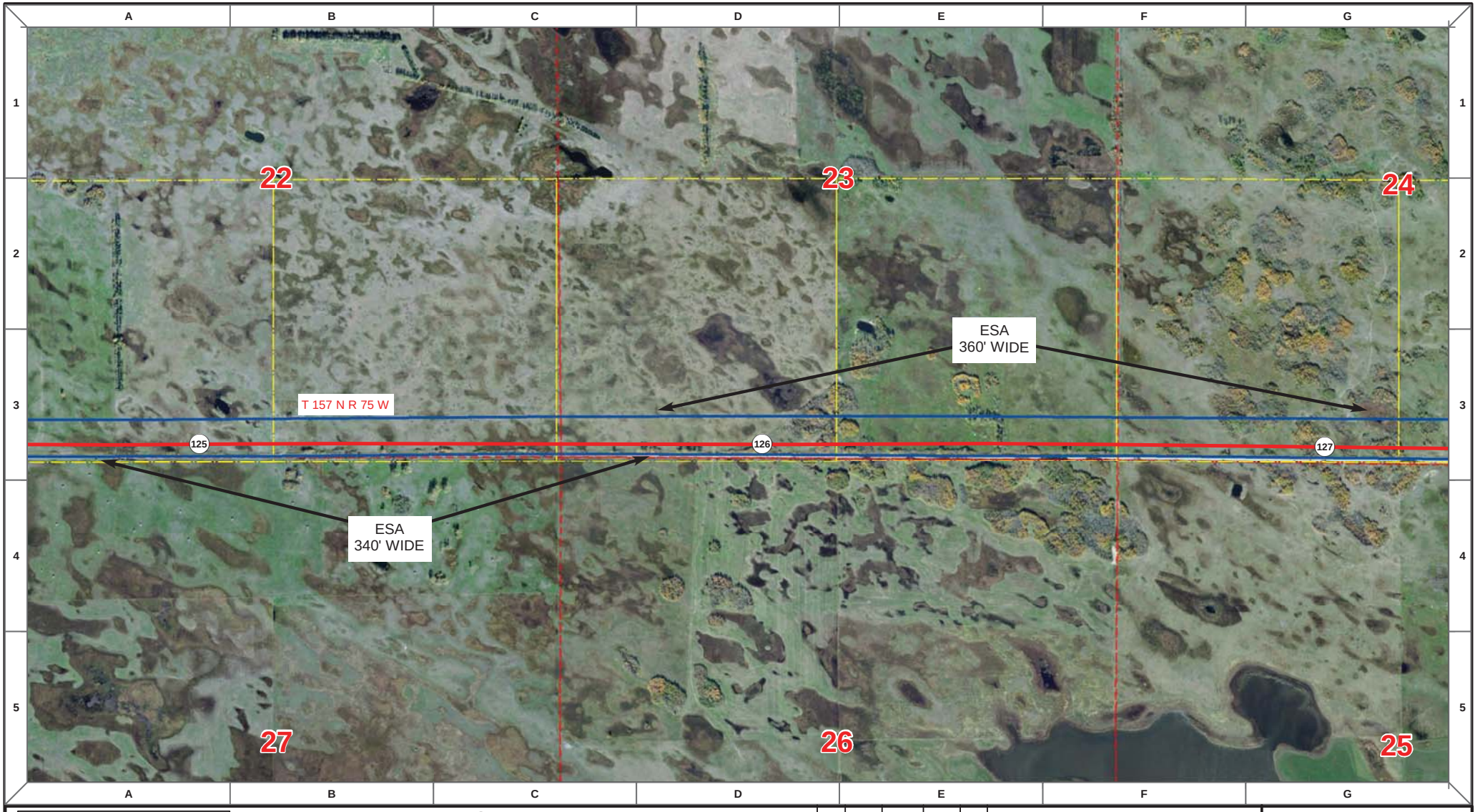
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

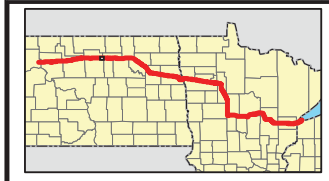
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 50 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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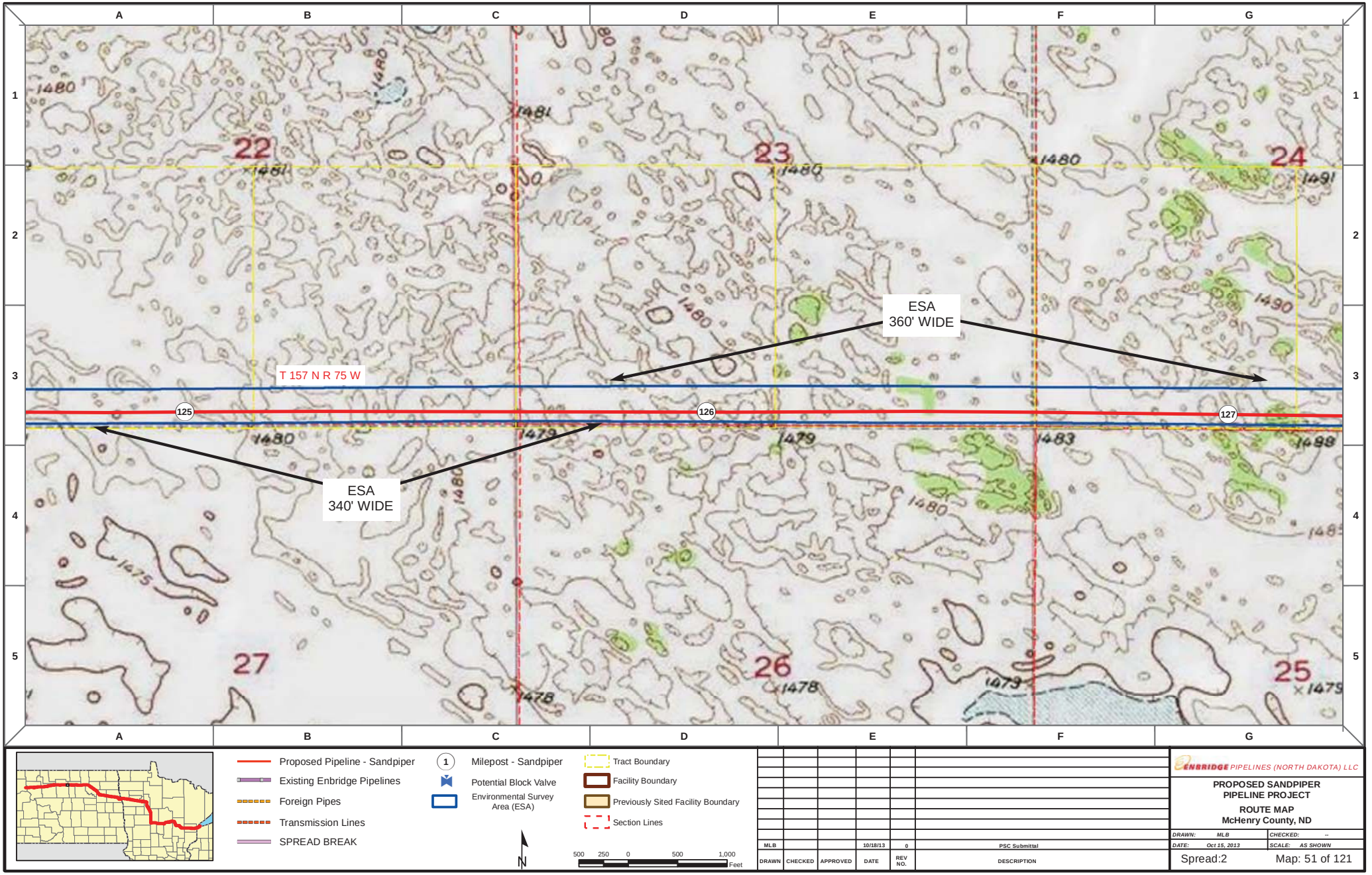
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:2 Map: 51 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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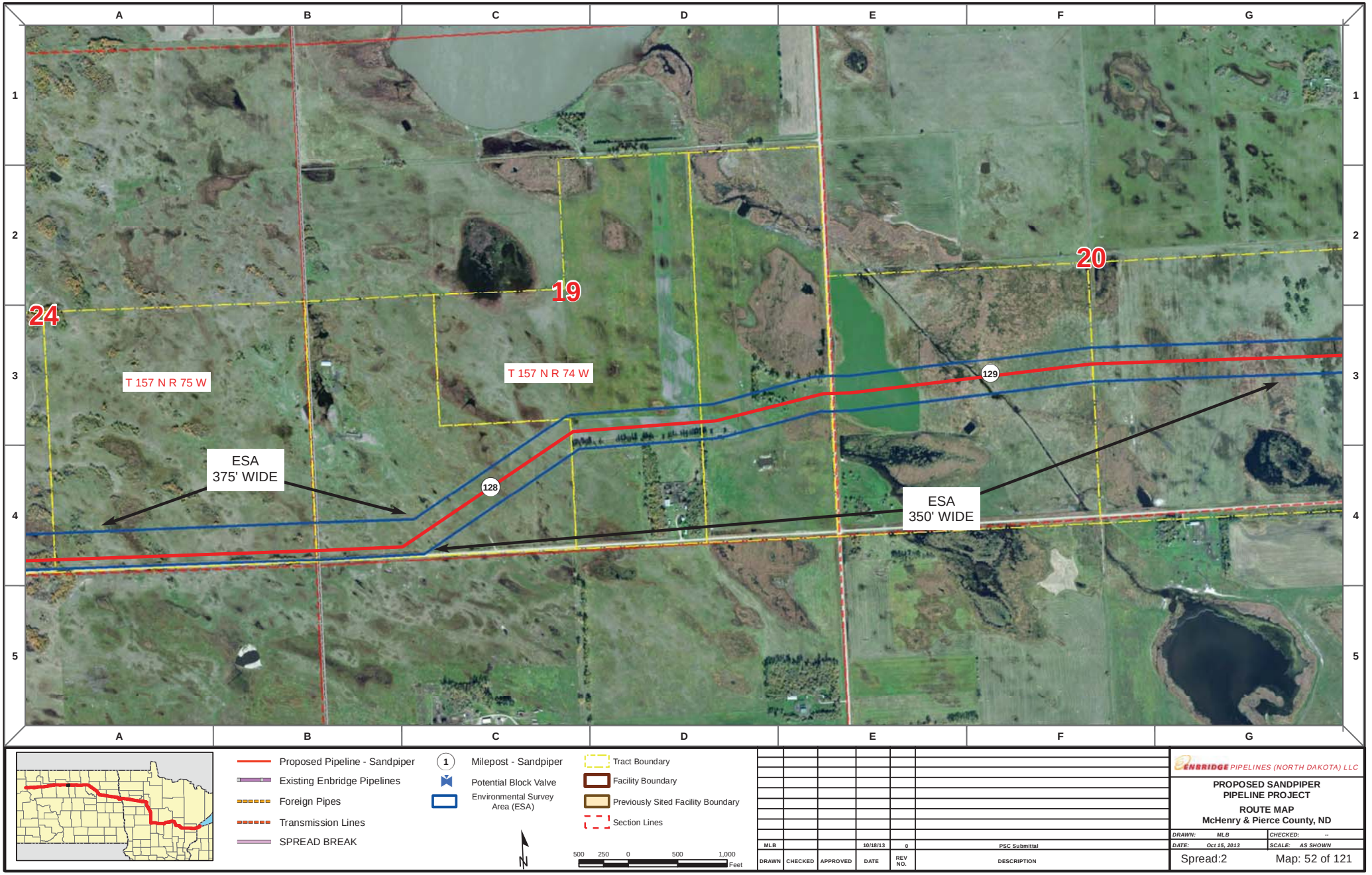
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:2 Map: 51 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

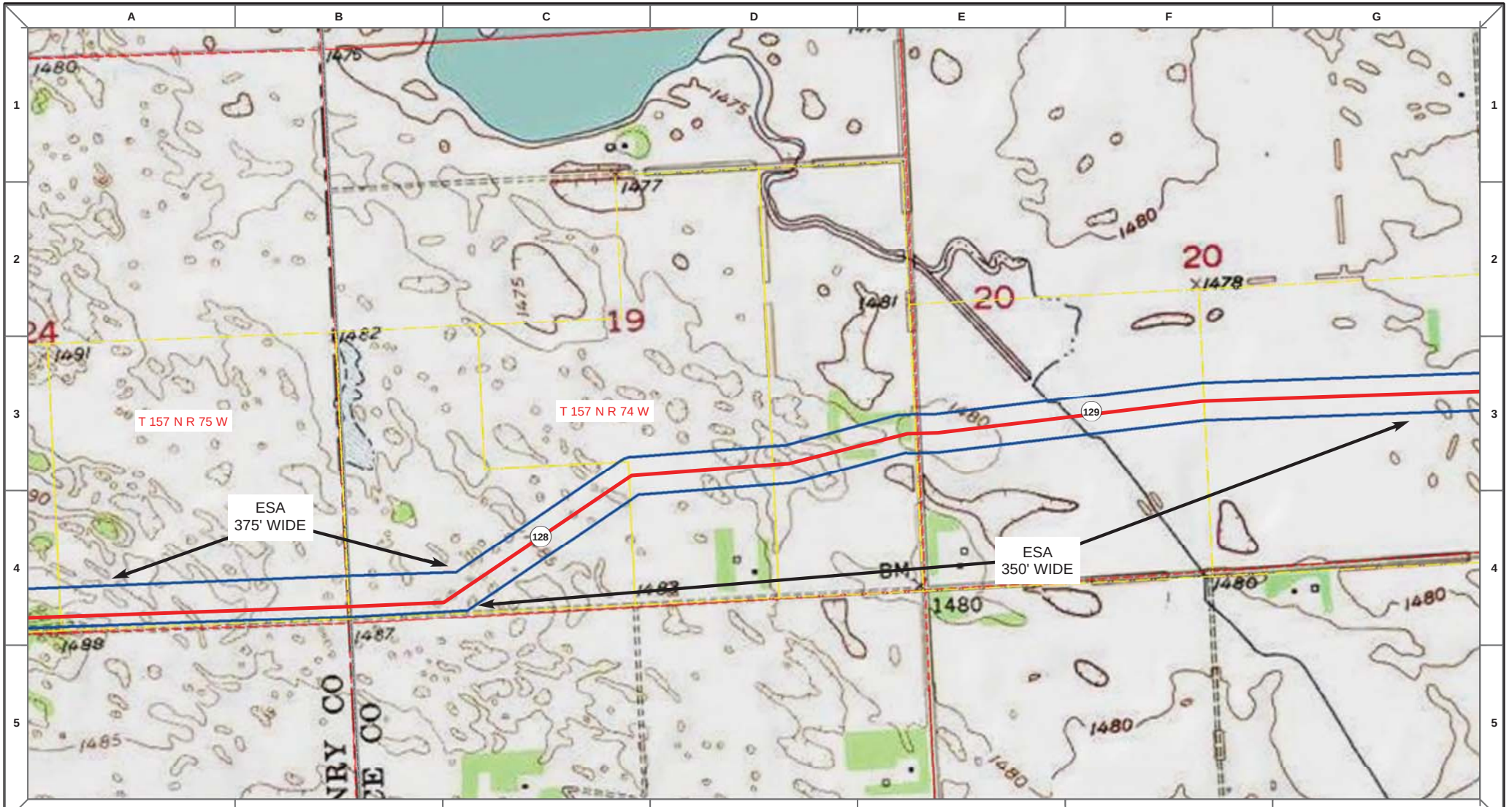
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry & Pierce County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:2 Map: 52 of 121



DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

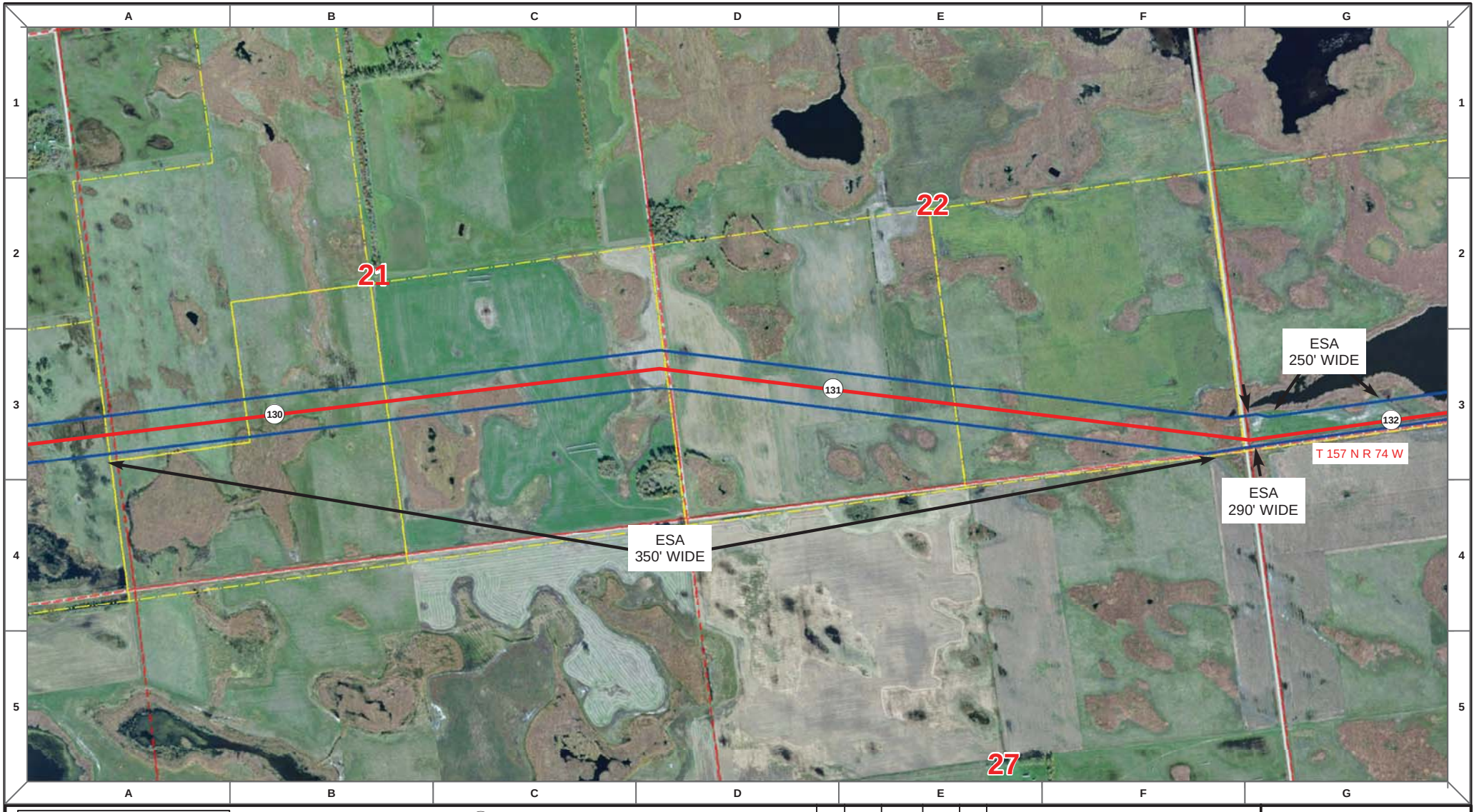
PROPOSED SANDPIPER PIPELINE PROJECT

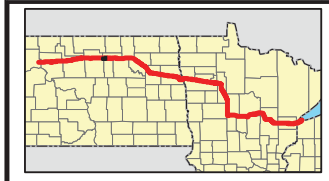
ROUTE MAP

McHenry & Pierce County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:2 Map: 52 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

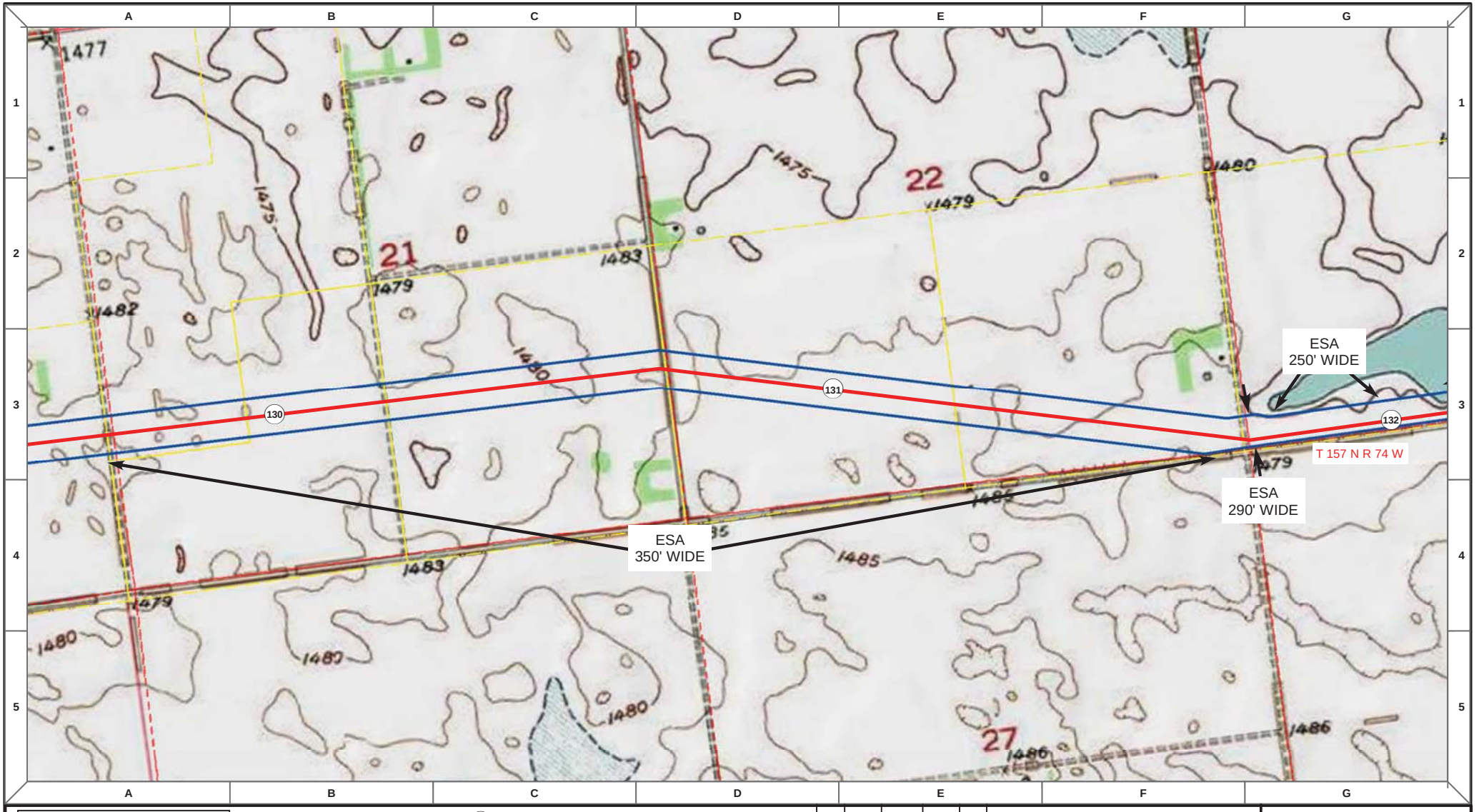
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:2 Map: 53 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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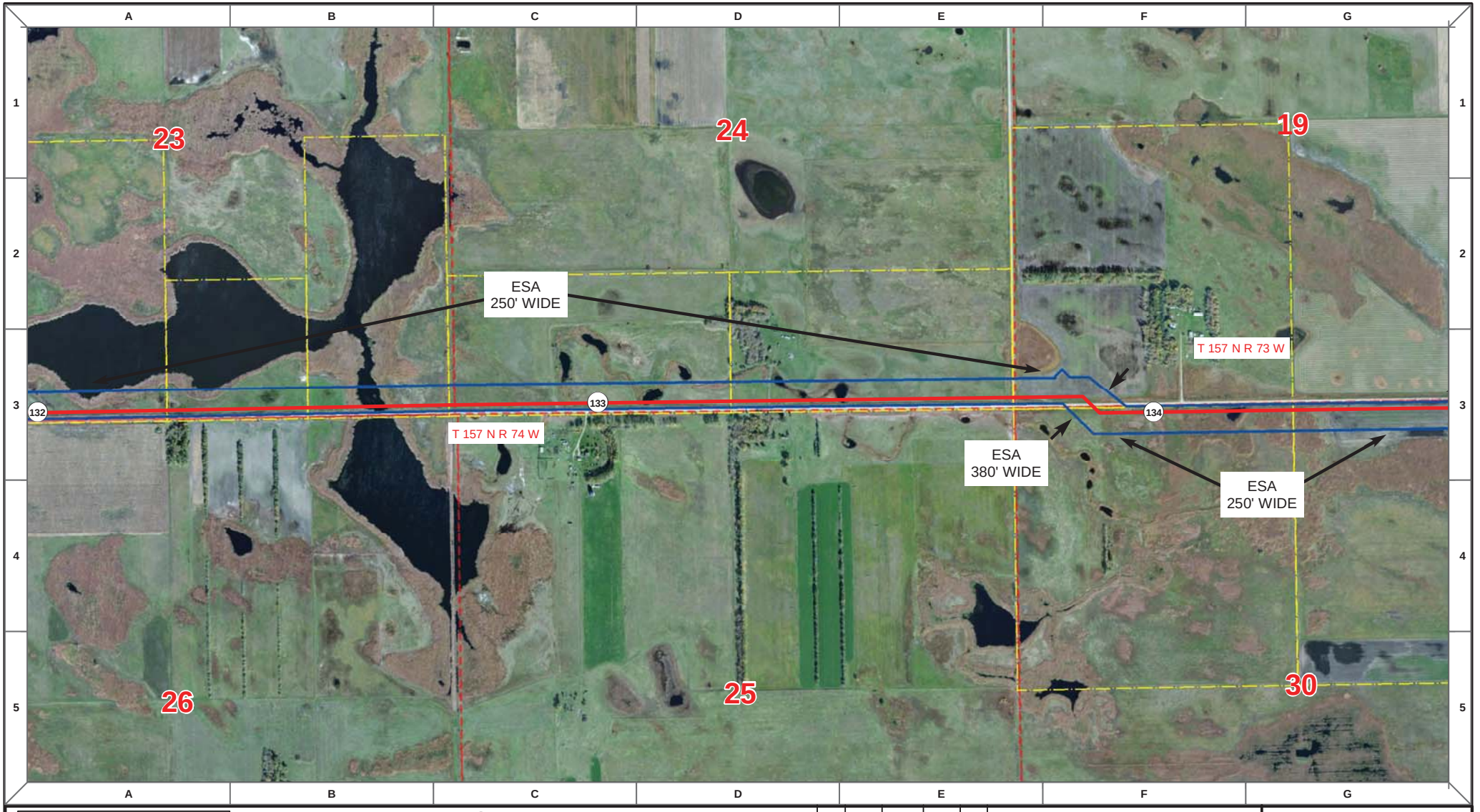
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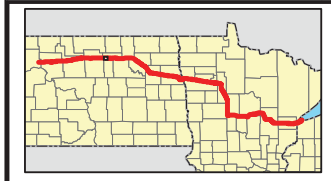
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:2 Map: 53 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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Section Lines

N

500 250 0 500 1,000 Feet

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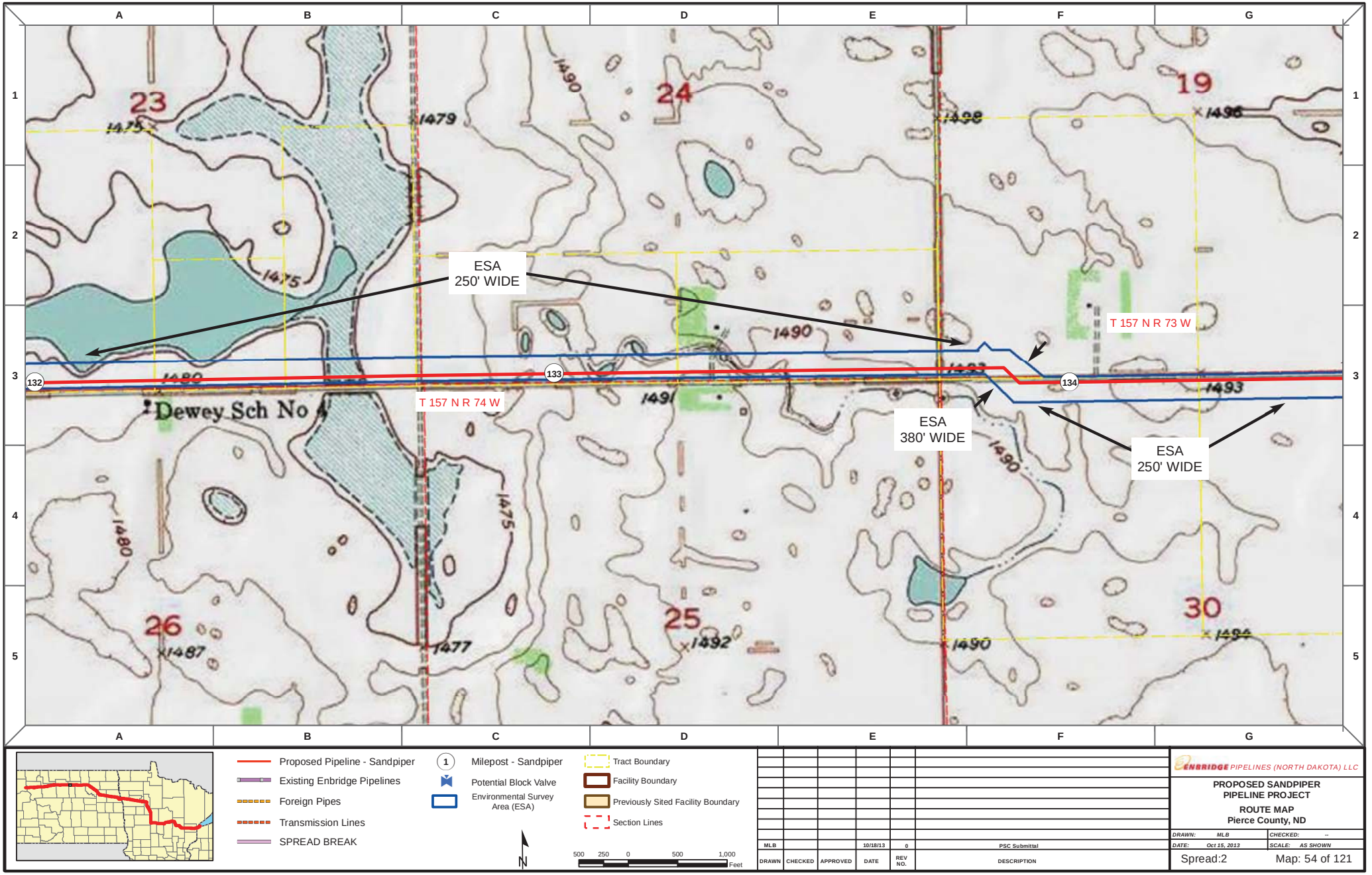
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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Section Lines

N

500 250 0 500 1,000 Feet

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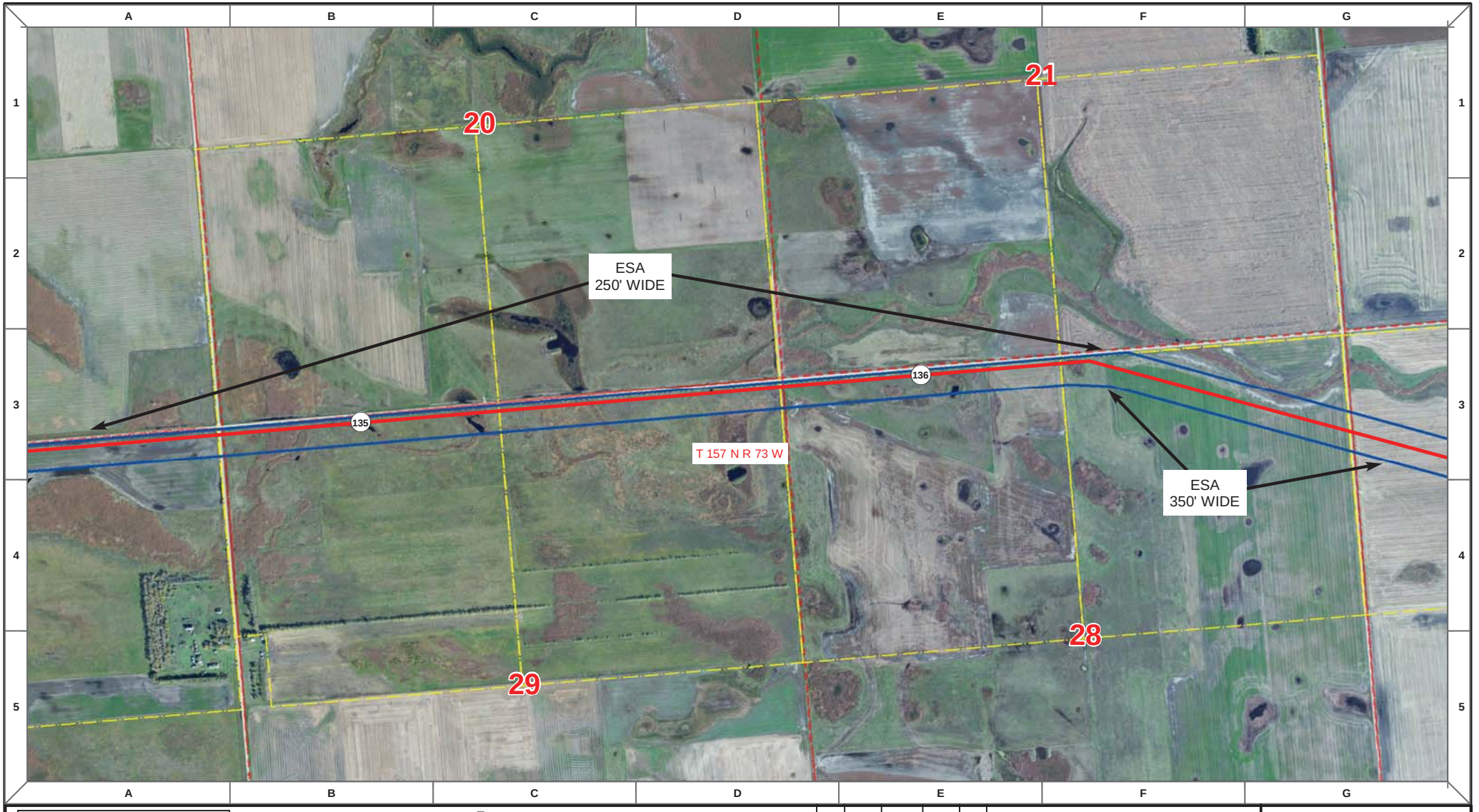
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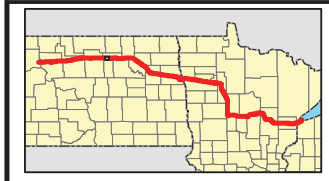
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 54 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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Section Lines

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500 250 0 500 1,000 Feet

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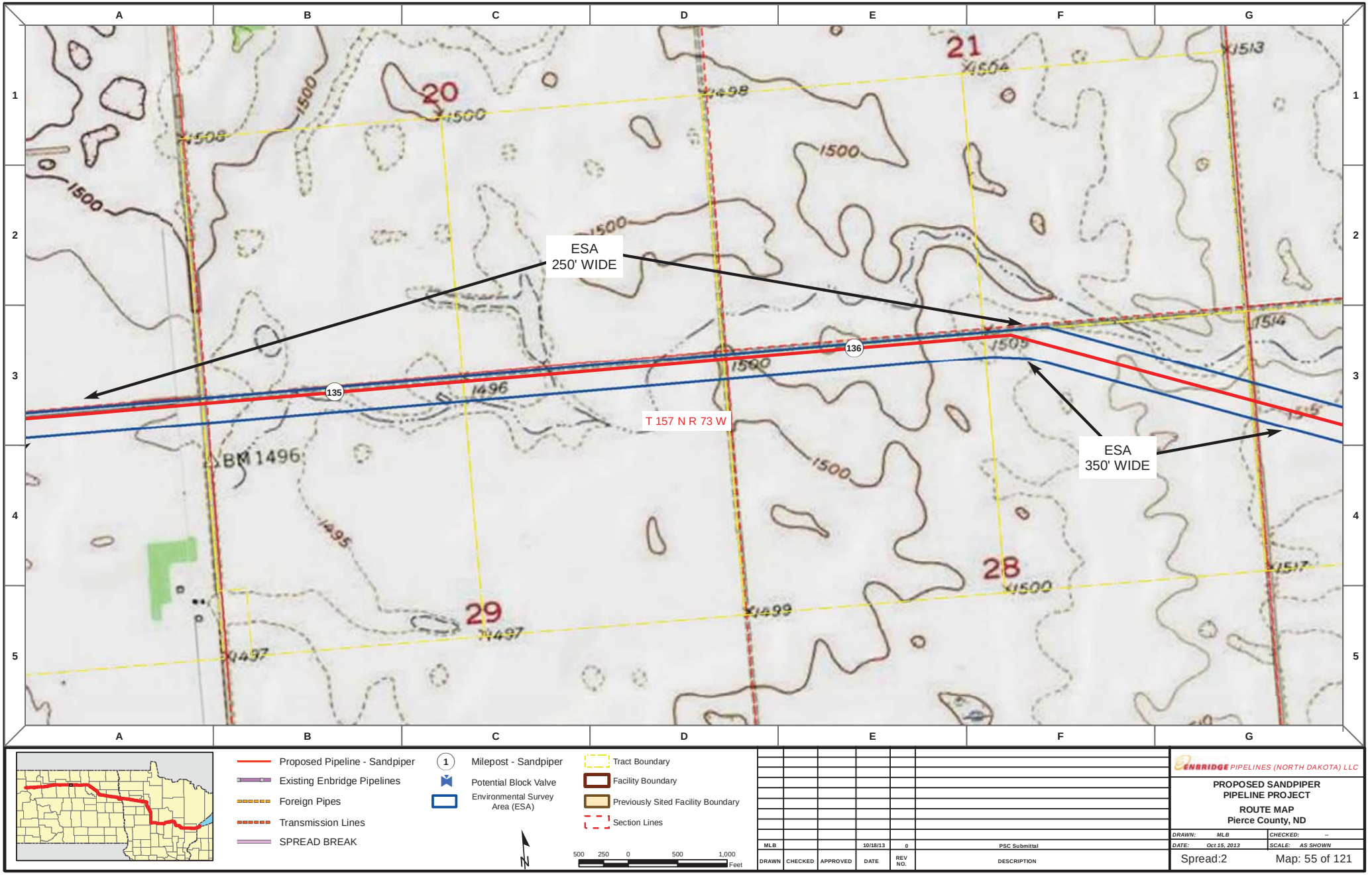
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:2 Map: 55 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
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Environmental Survey Area (ESA)

Tract Boundary
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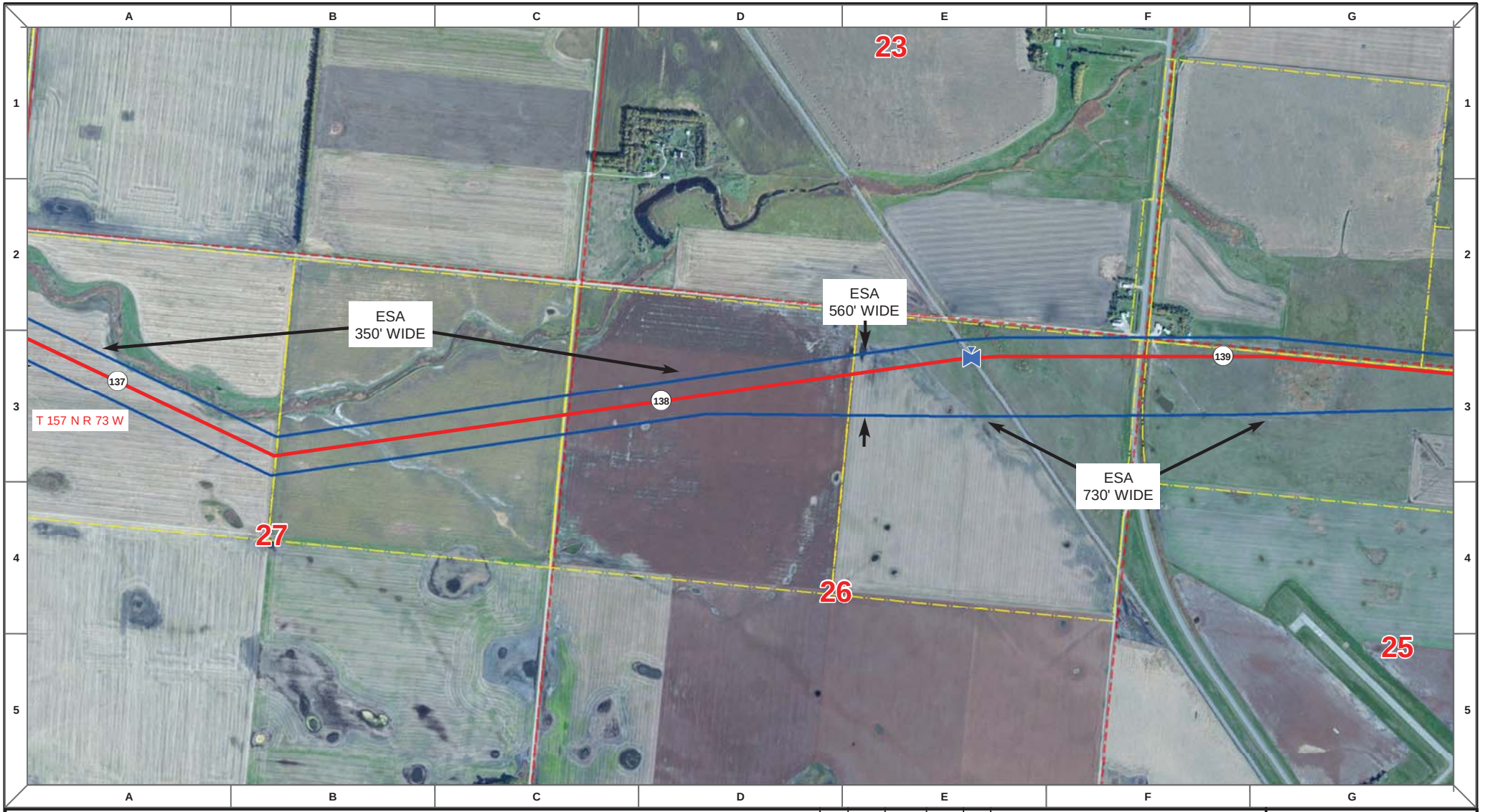
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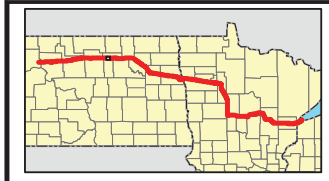
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

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DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:2 Map: 55 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
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Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
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Tract Boundary
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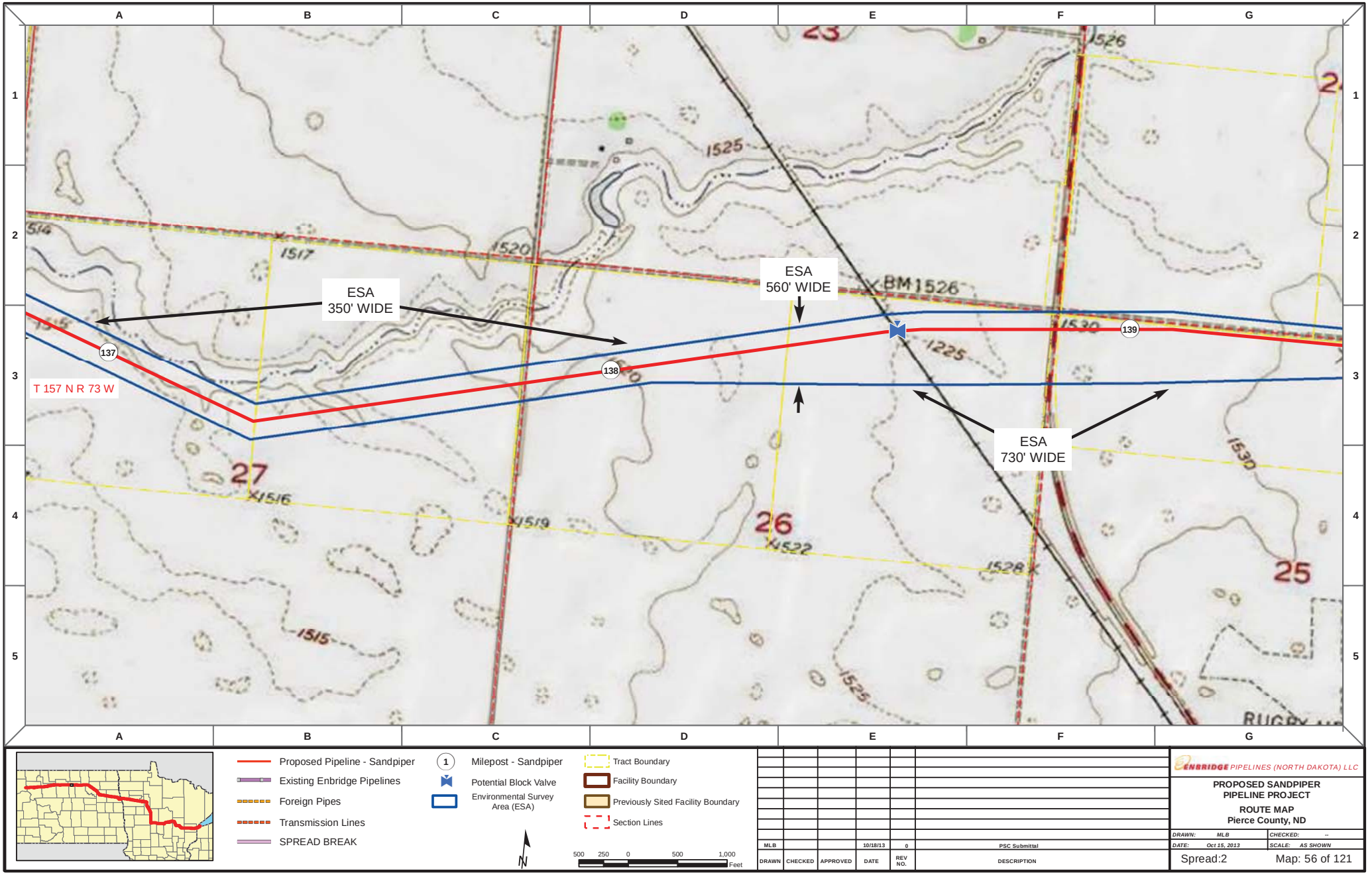
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:2 Map: 56 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
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Tract Boundary
Facility Boundary
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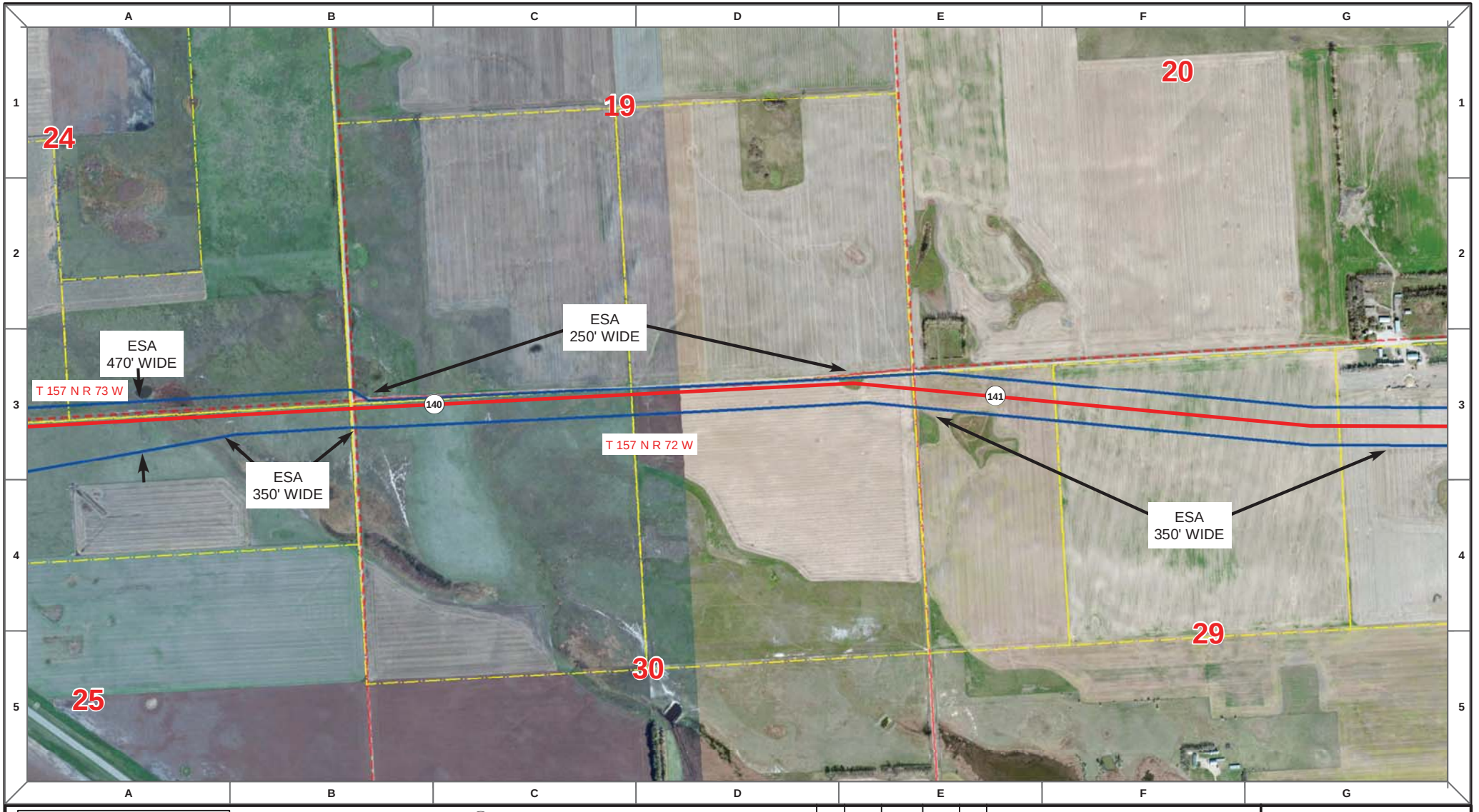
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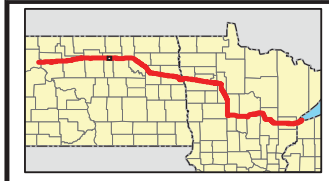
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

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Spread:2 Map: 56 of 121





Proposed Pipeline - Sandpiper
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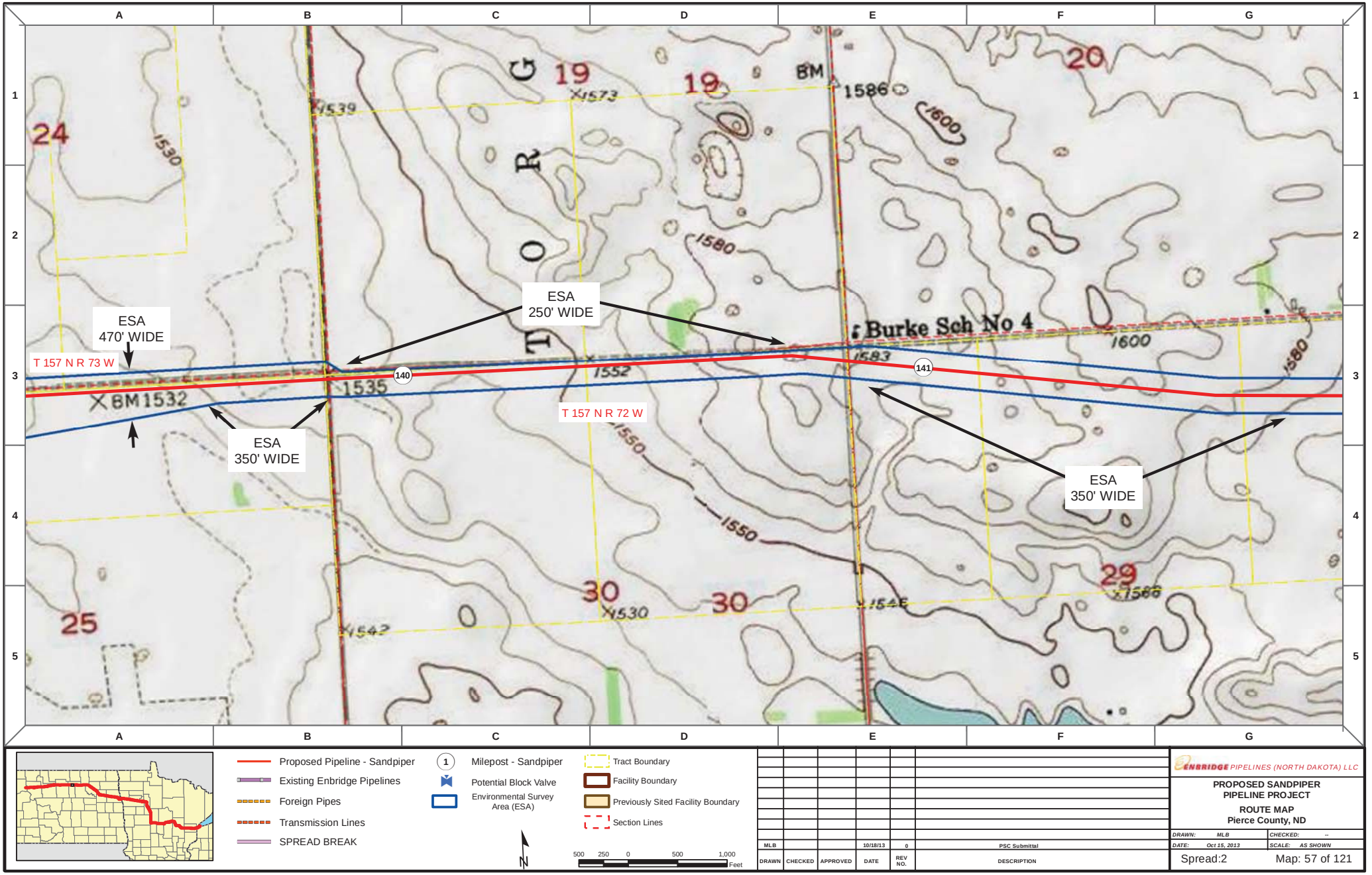
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:2 Map: 57 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
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SPREAD BREAK

1 Milepost - Sandpiper
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Tract Boundary
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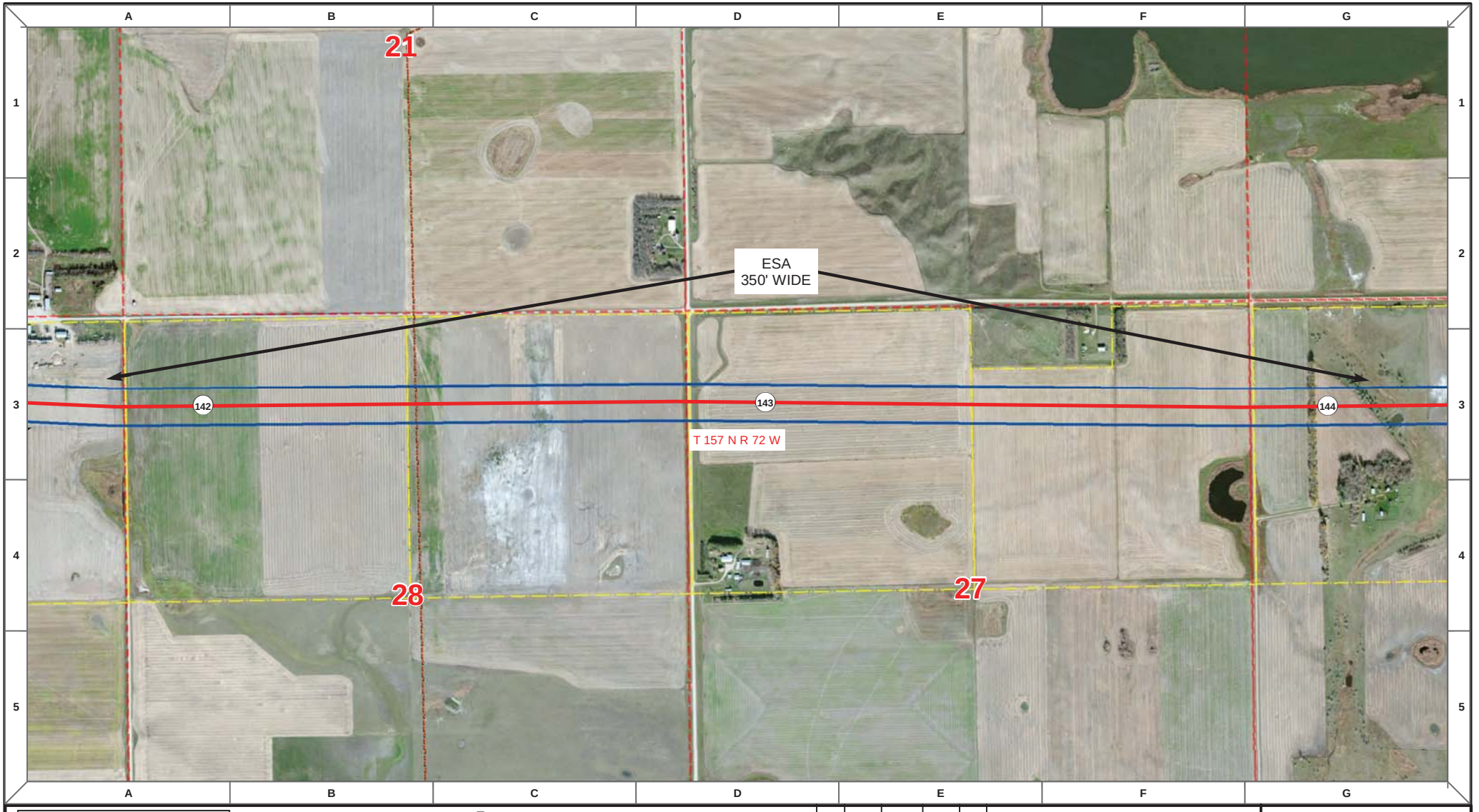
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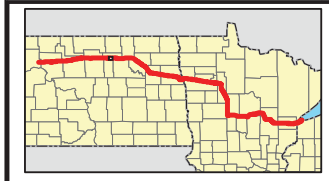
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
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SPREAD BREAK

1 Milepost - Sandpiper
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Environmental Survey Area (ESA)

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Facility Boundary
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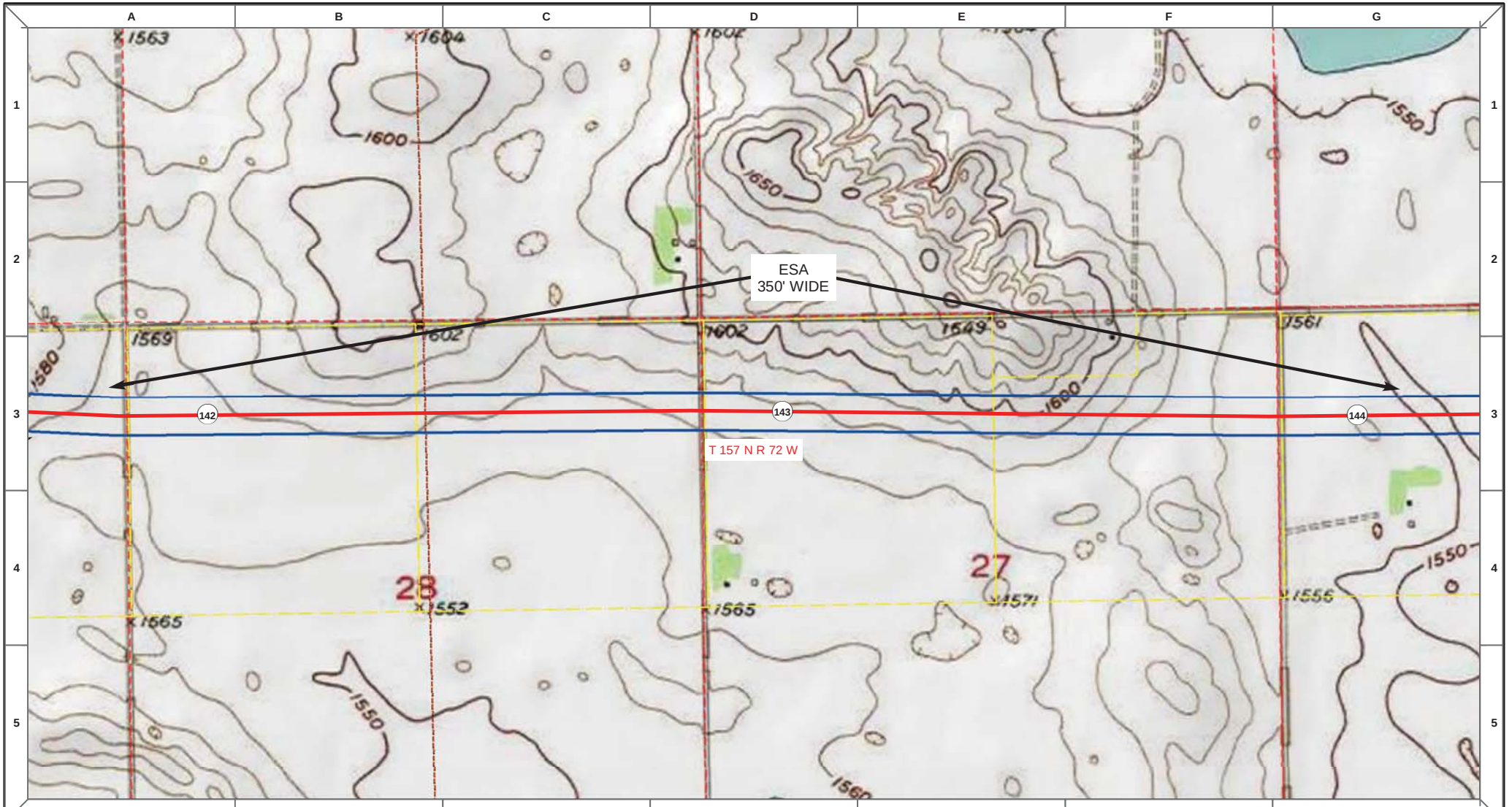
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

DRAWN: MLB	CHECKED: --
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Spread:2 Map: 58 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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Section Lines

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500 250 0 500 1,000 Feet

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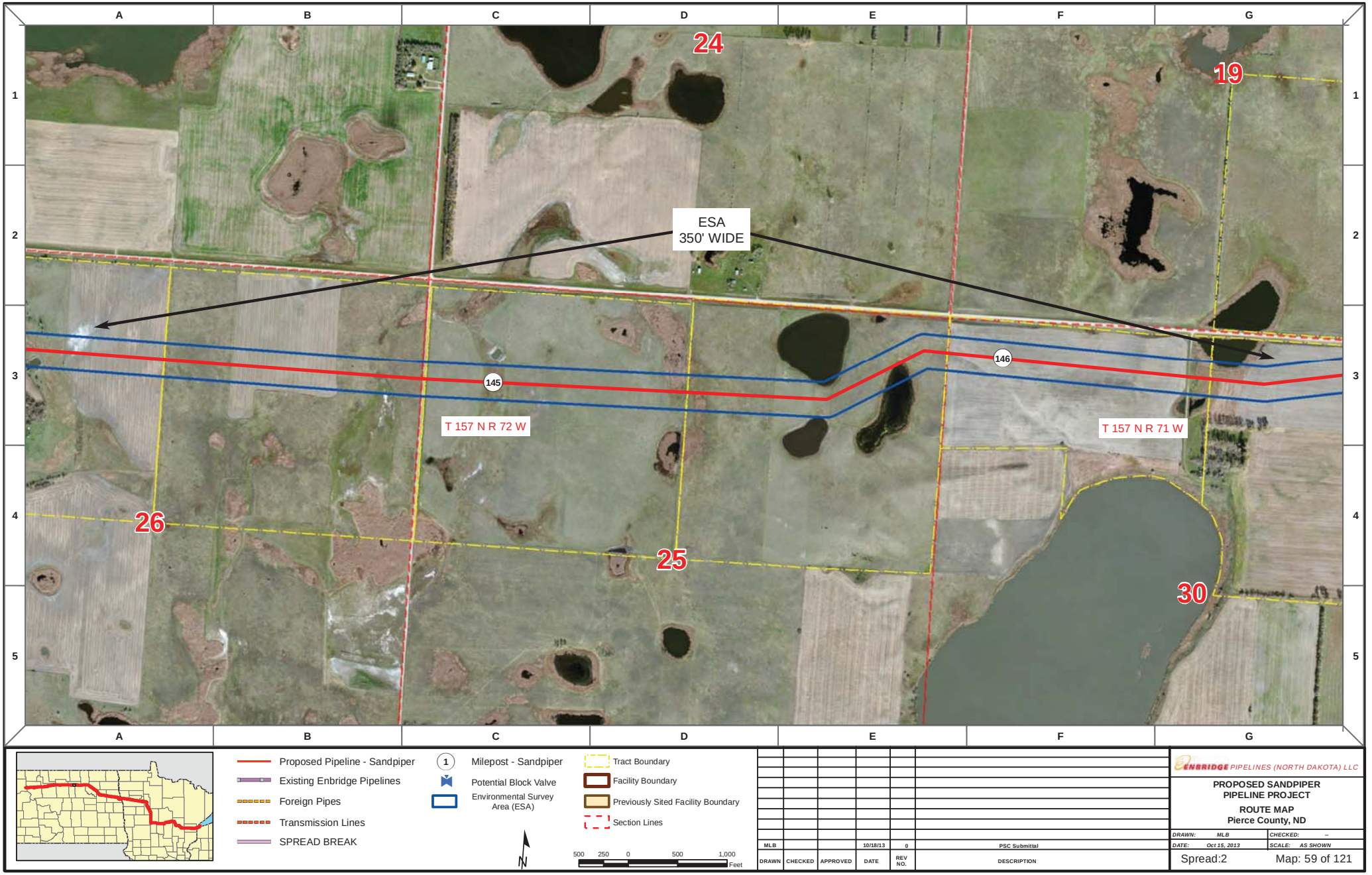
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
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SPREAD BREAK

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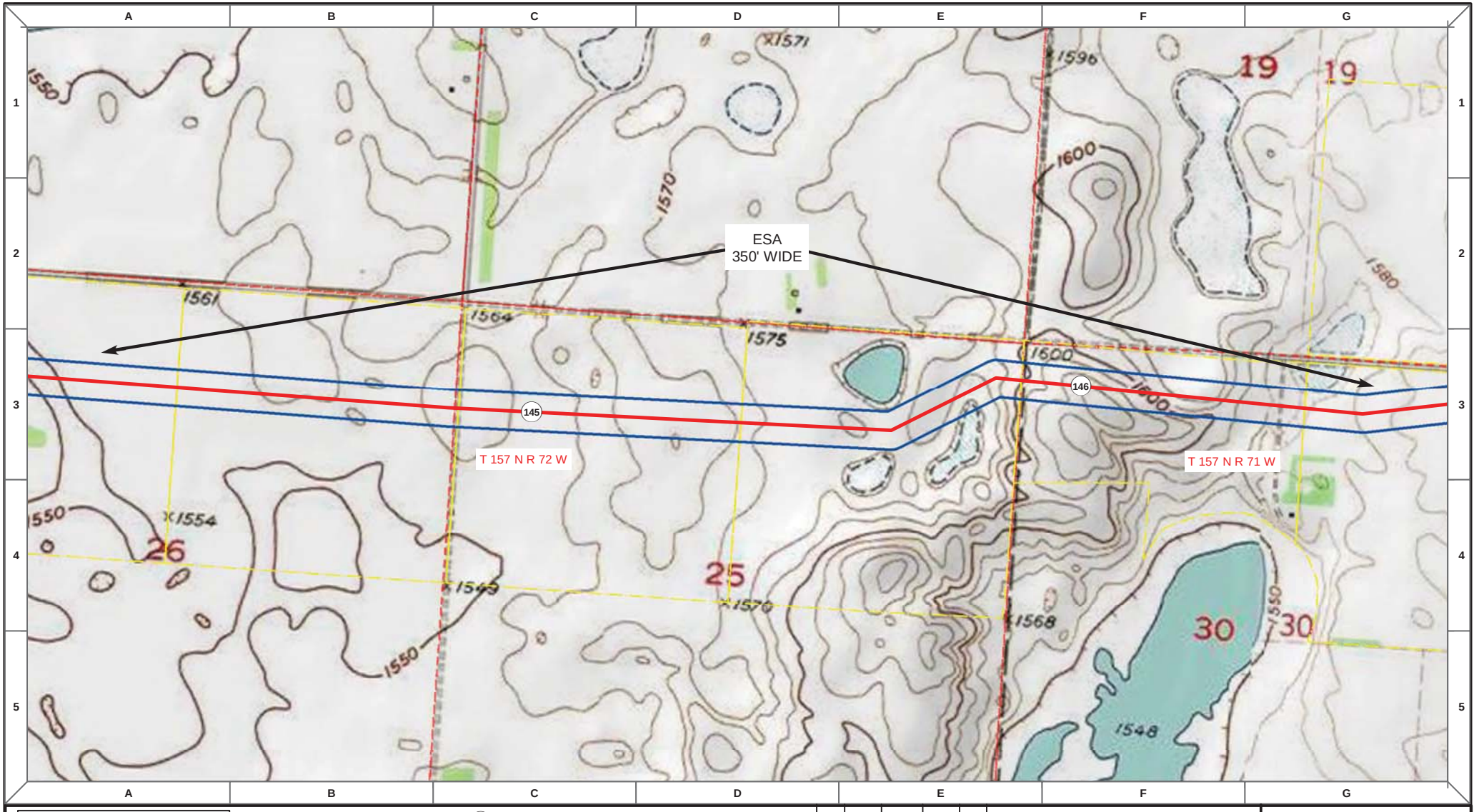
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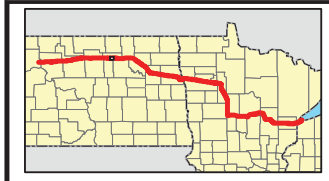
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

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Spread:2 Map: 59 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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500 250 0 500 1,000 Feet

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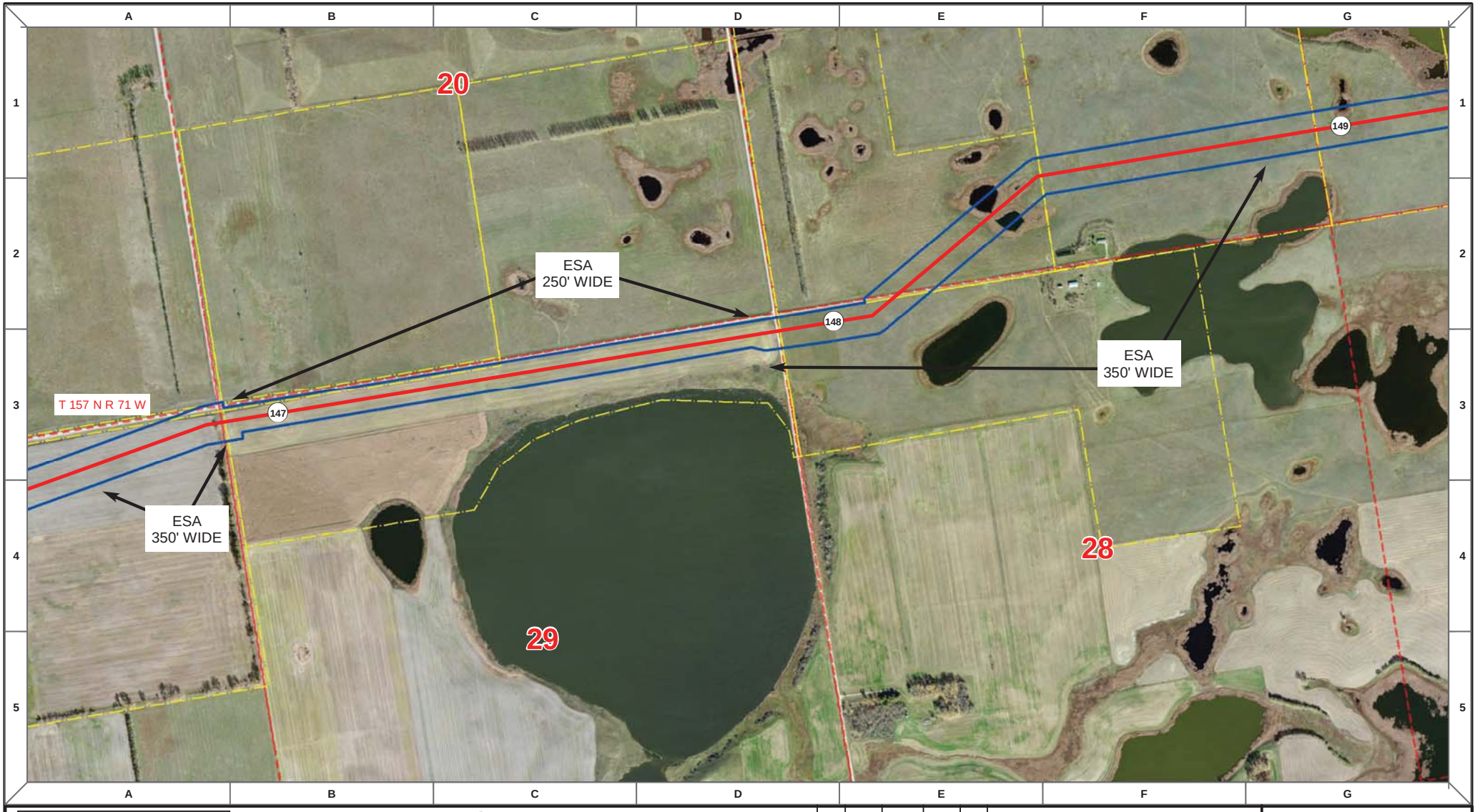
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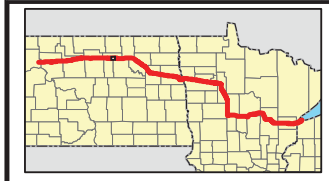
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

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DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 59 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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500 250 0 500 1,000 Feet

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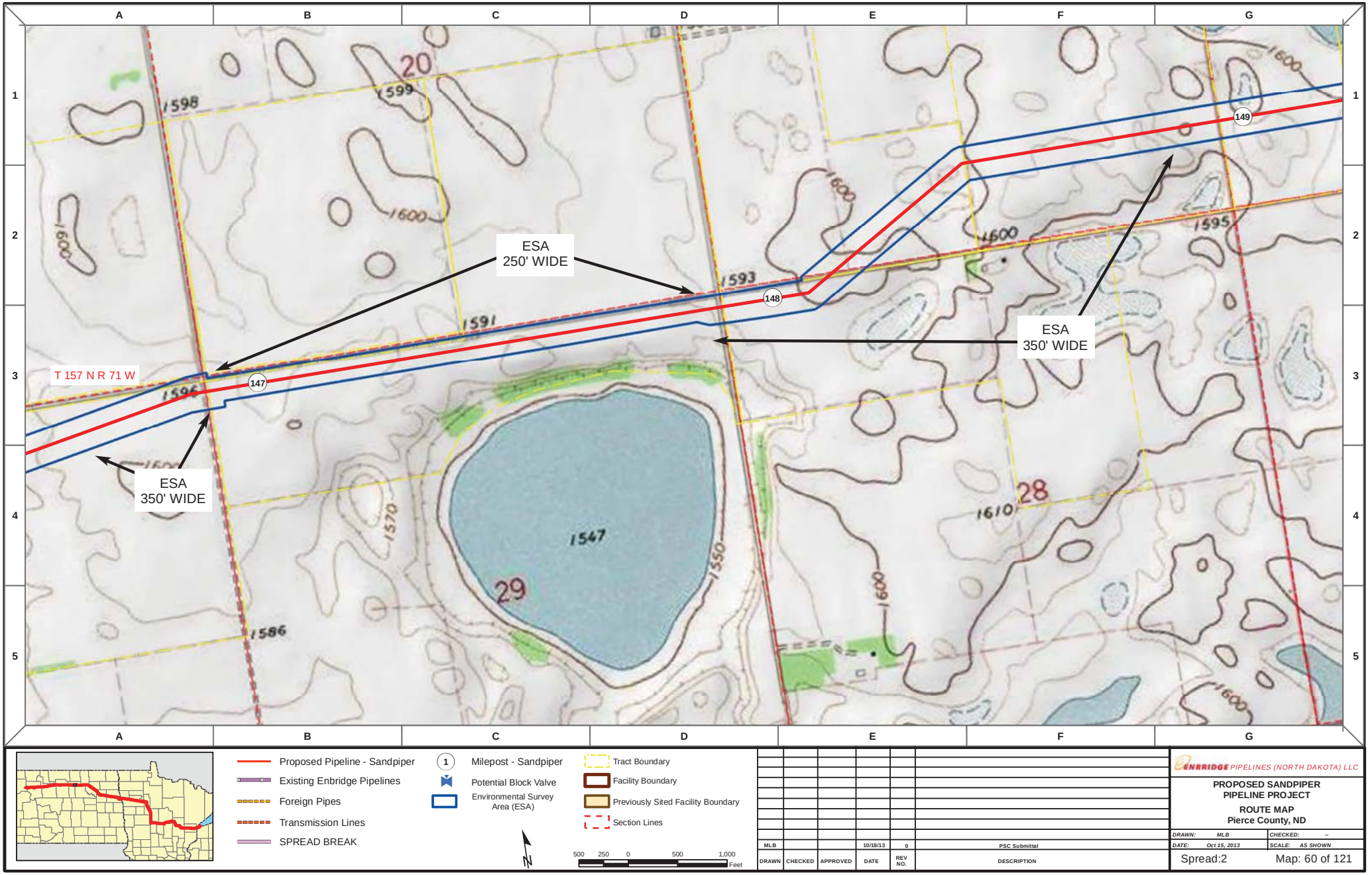
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

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DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 60 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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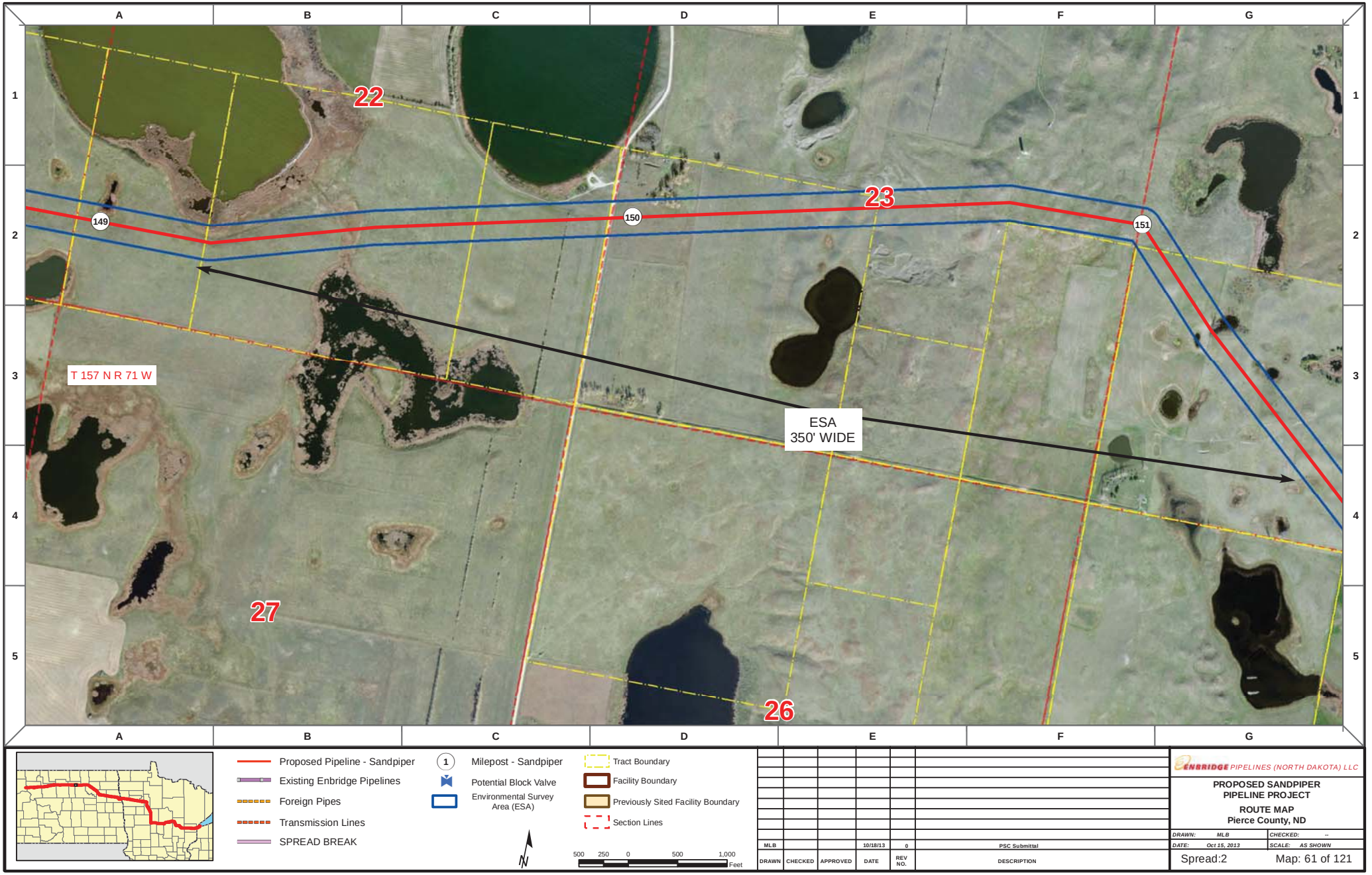
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
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Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
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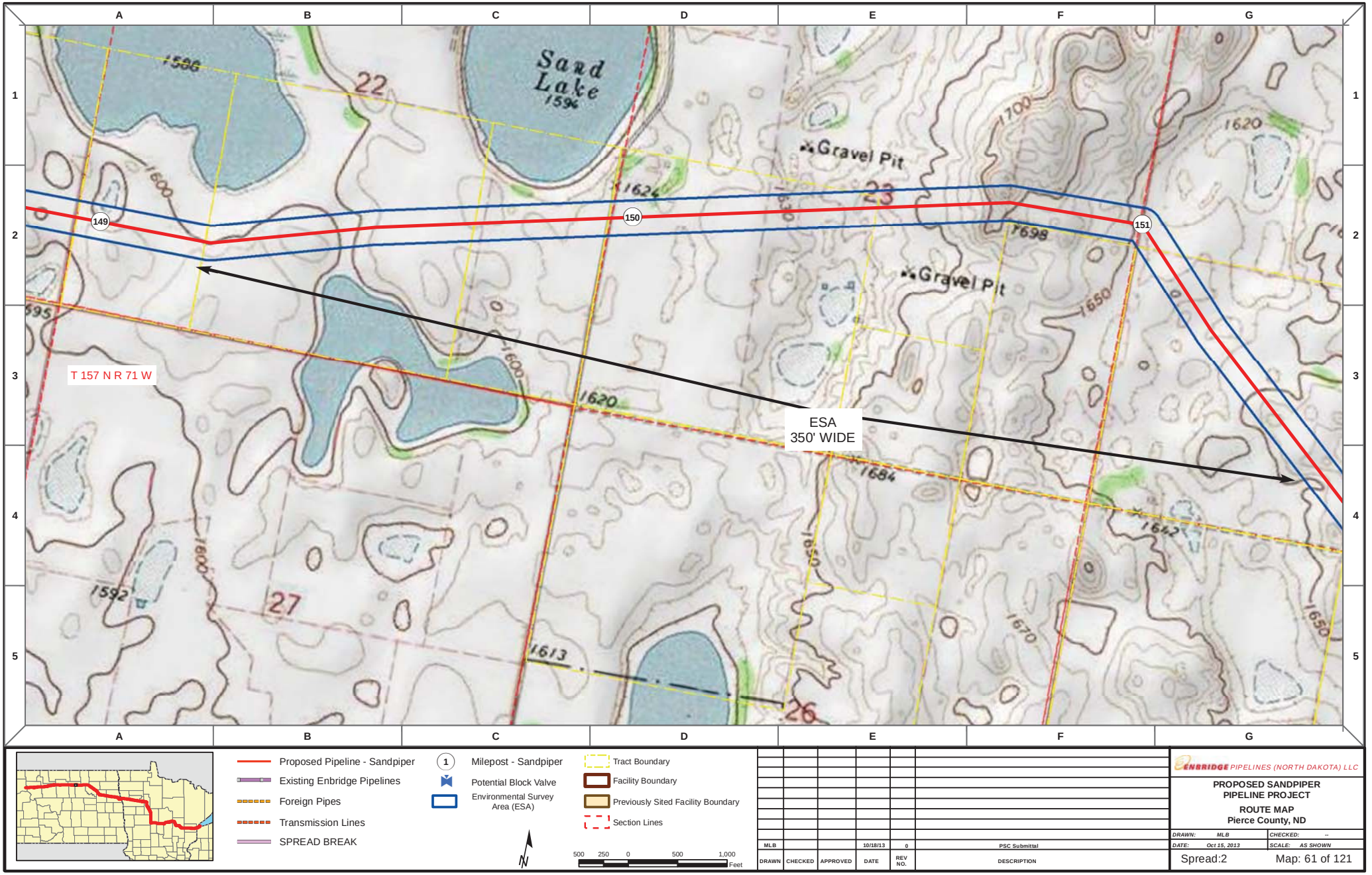
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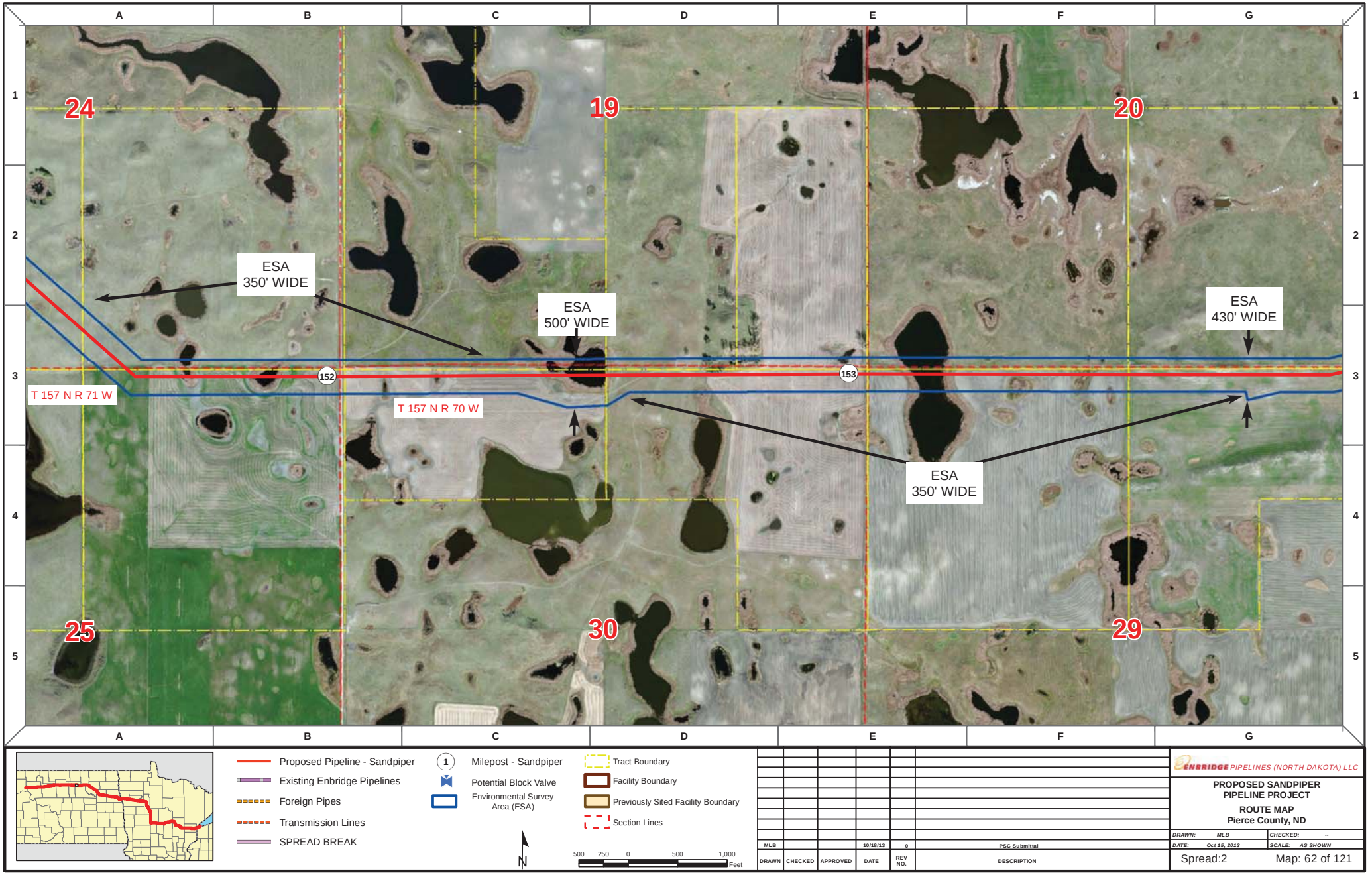
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:2 Map: 61 of 121


Sand Lake
Gravel Pit
Gravel Pit
149
150
151
T 157 N R 71 W
ESA
350' WIDE
22
23
27
26
1586
1624
1700
1620
1600
1698
1650
1620
1684
1642
1592
1613
1670
1650
Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK
Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)
Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines
500 250 0 500 1,000
Feet
MLB 10/18/13 0 PSC Submittal
DRAWN CHECKED APPROVED DATE REV NO. DESCRIPTION
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC
PROPOSED SANDPIPER PIPELINE PROJECT
ROUTE MAP
Pierce County, ND
DRAWN: MLB
CHECKED: --
DATE: Oct 15, 2013
SCALE: AS SHOWN
Spread:2
Map: 61 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
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SPREAD BREAK

1 Milepost - Sandpiper
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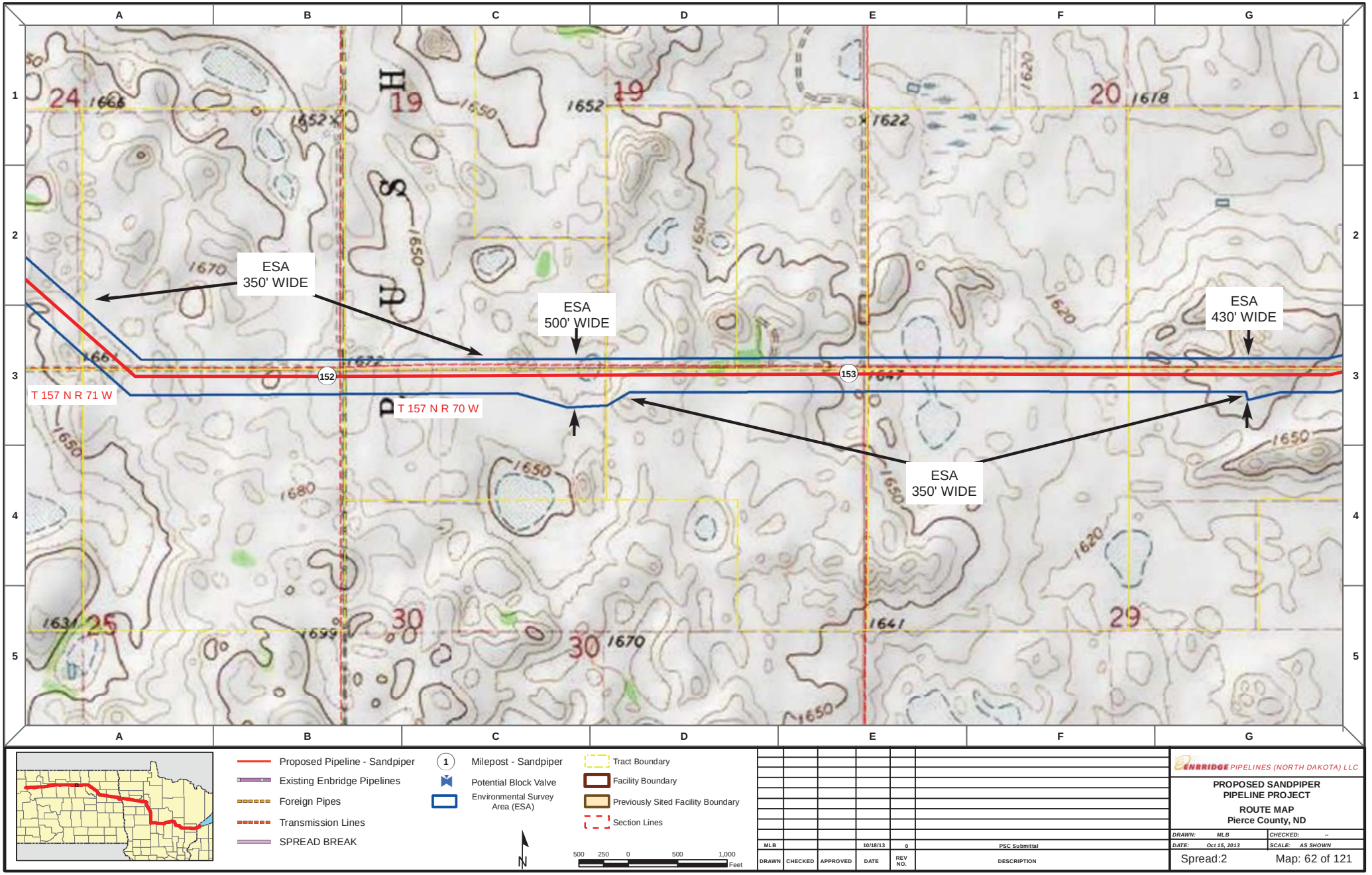
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:2 Map: 62 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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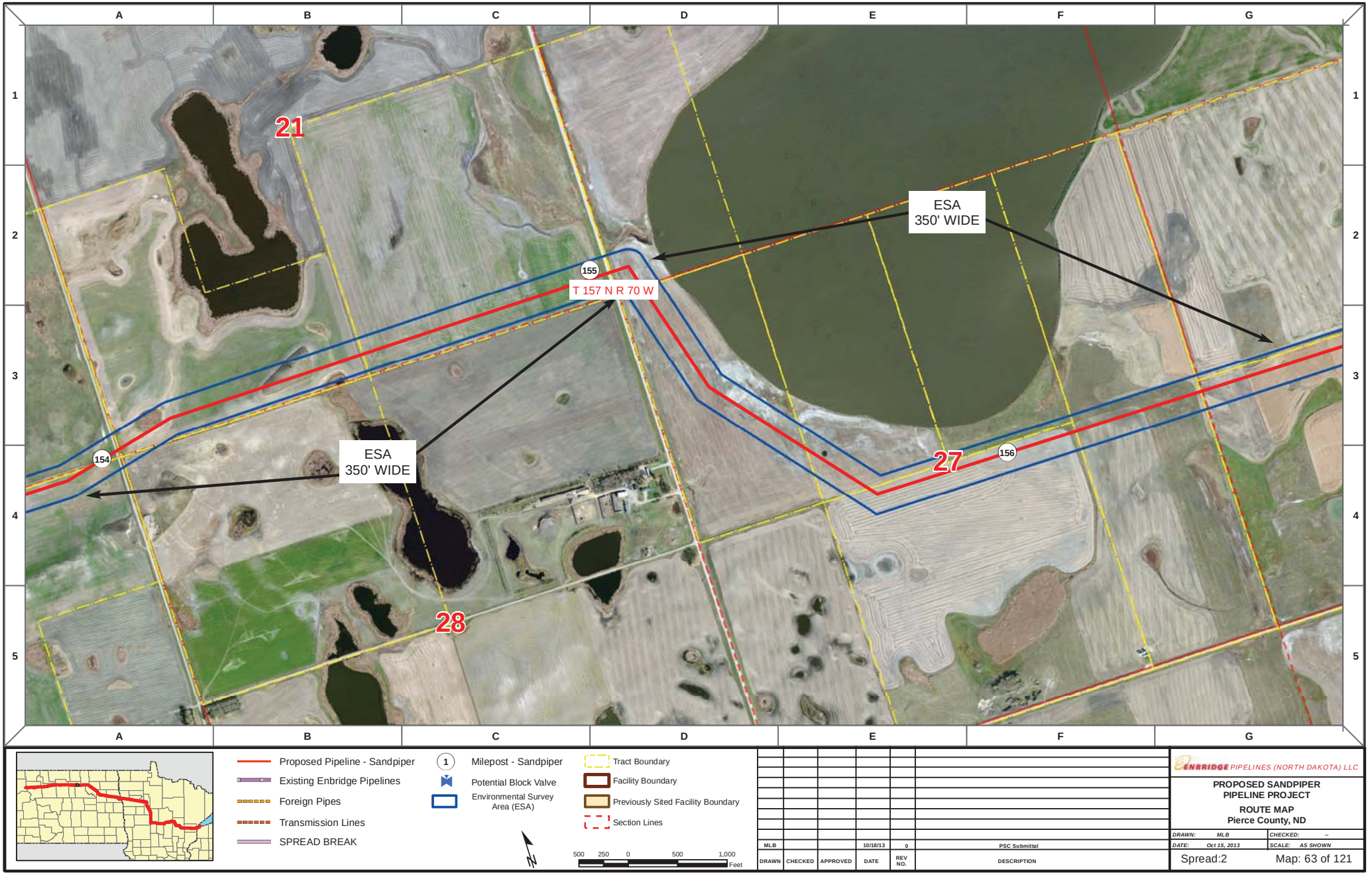
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

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Proposed Pipeline - Sandpiper
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SPREAD BREAK

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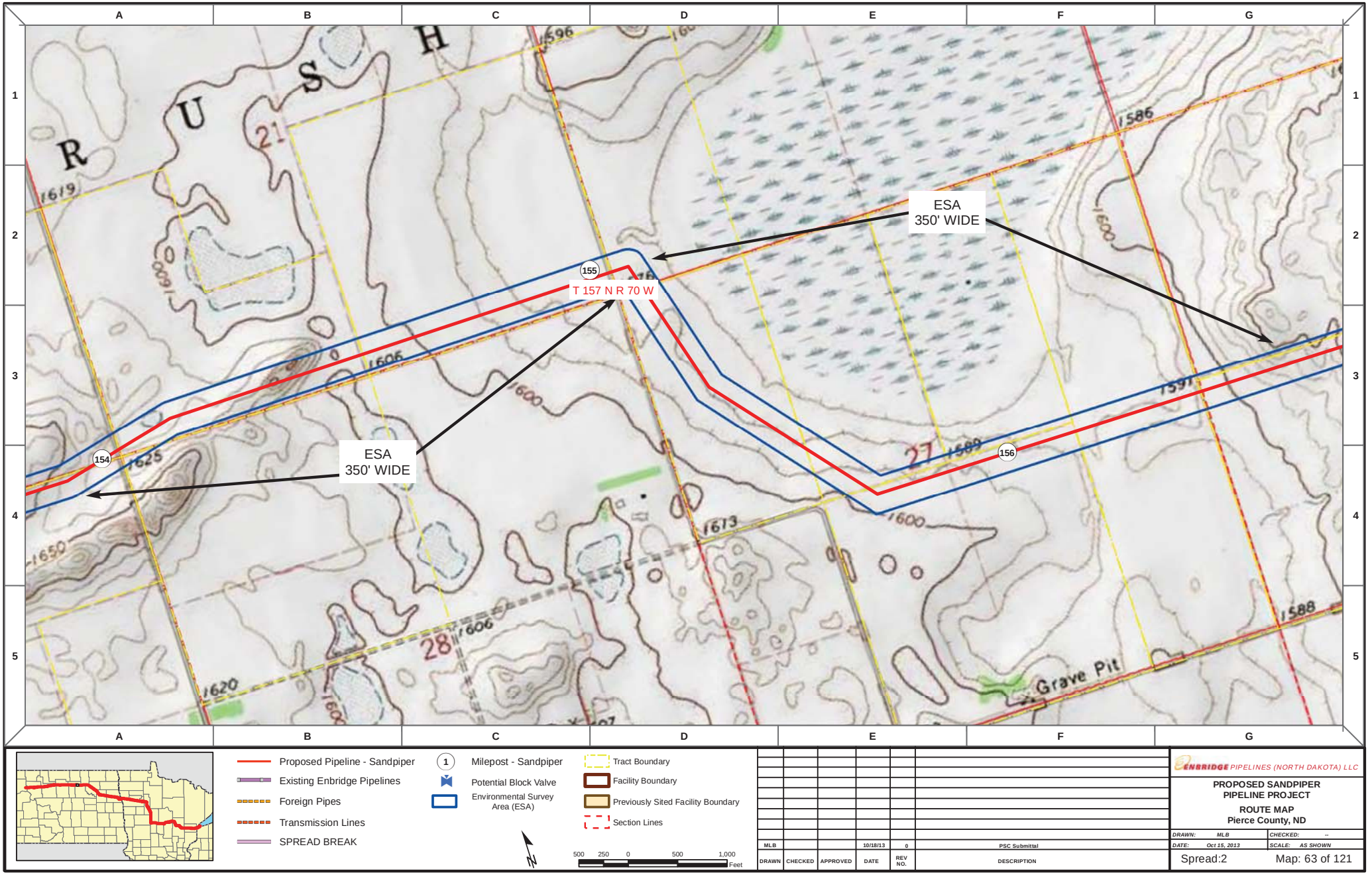
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

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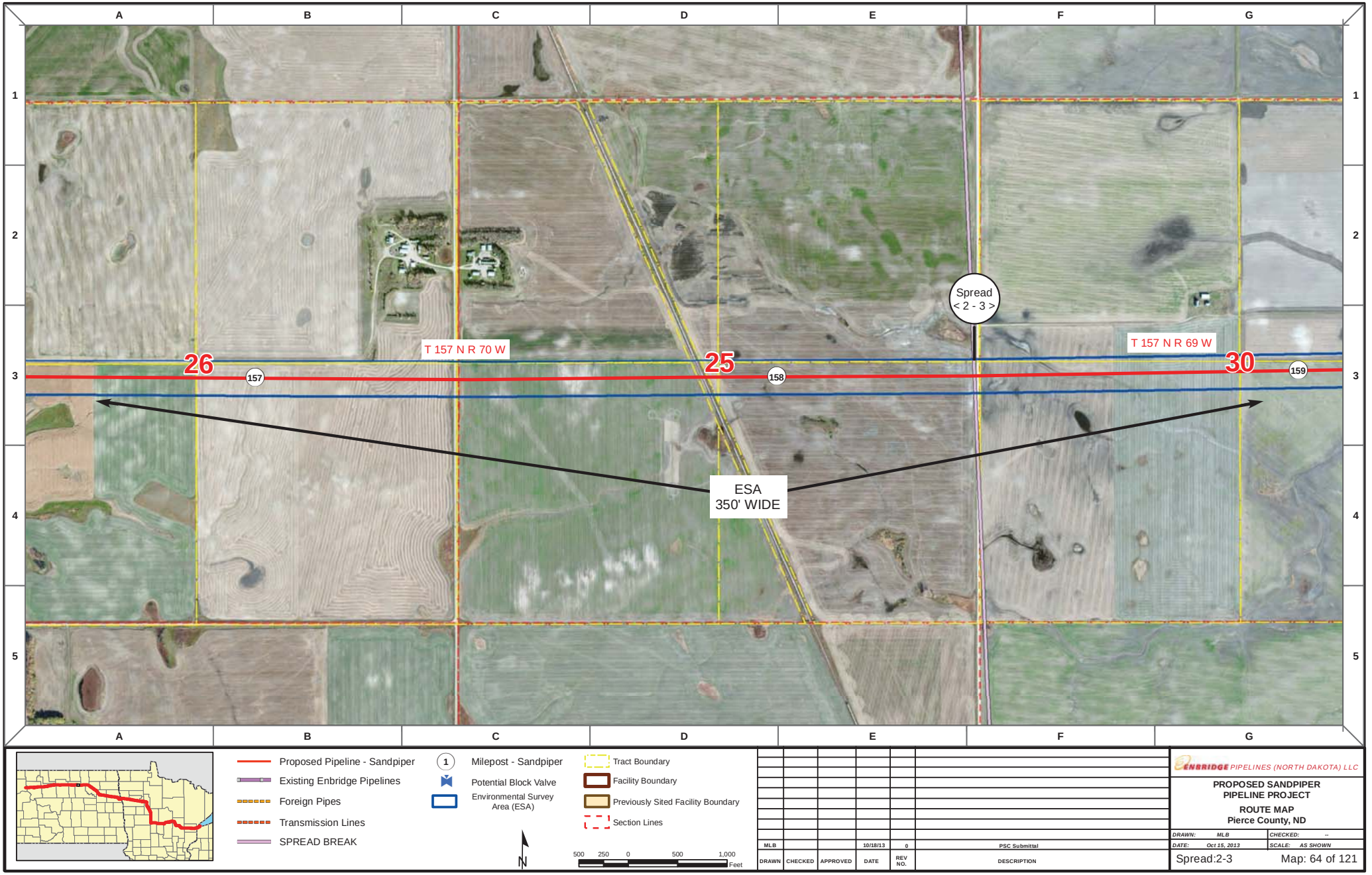
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

DRAWN: MLB	CHECKED: --
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Spread:2 Map: 63 of 121



Proposed Pipeline - Sandpiper
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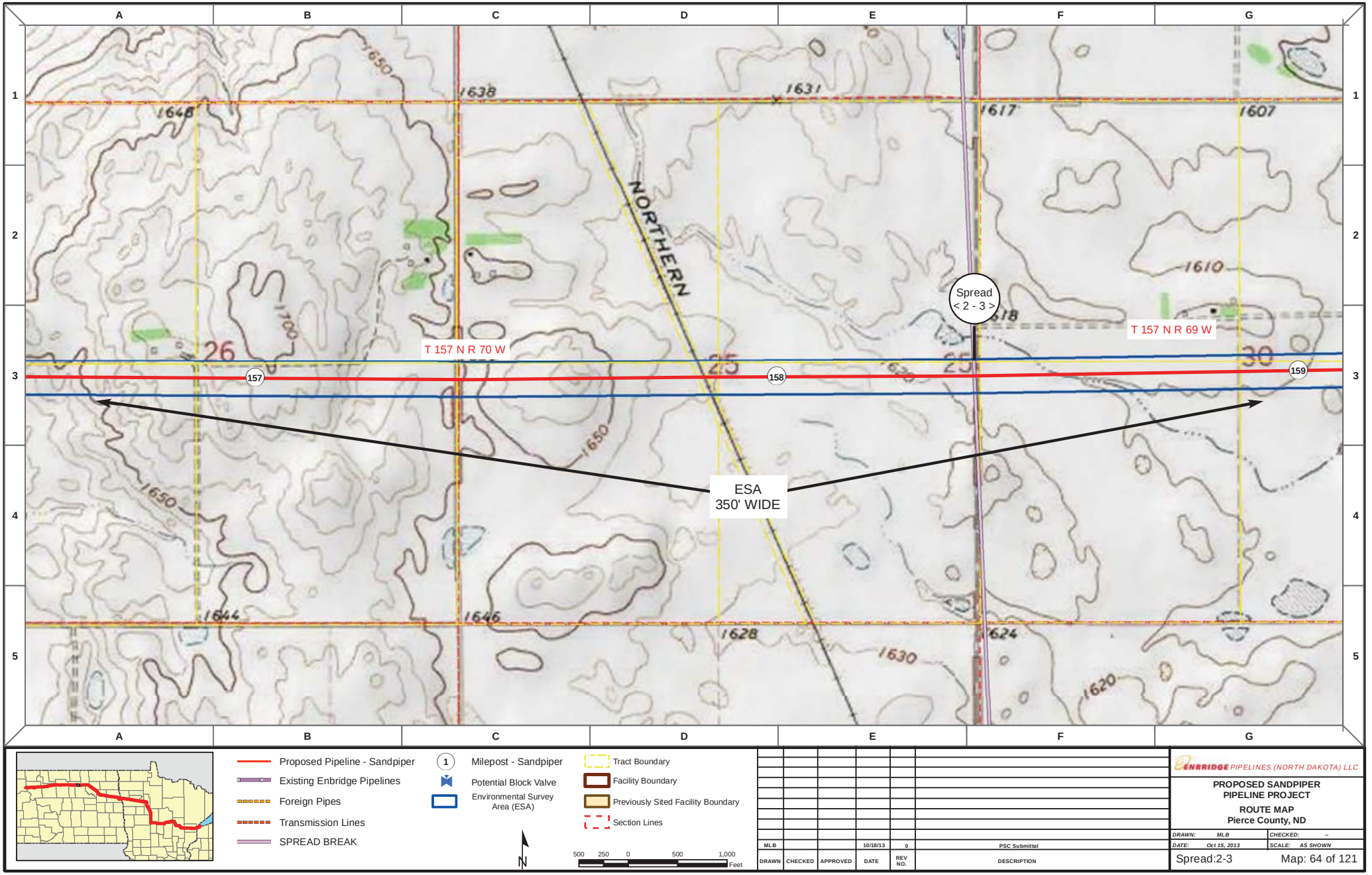
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PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

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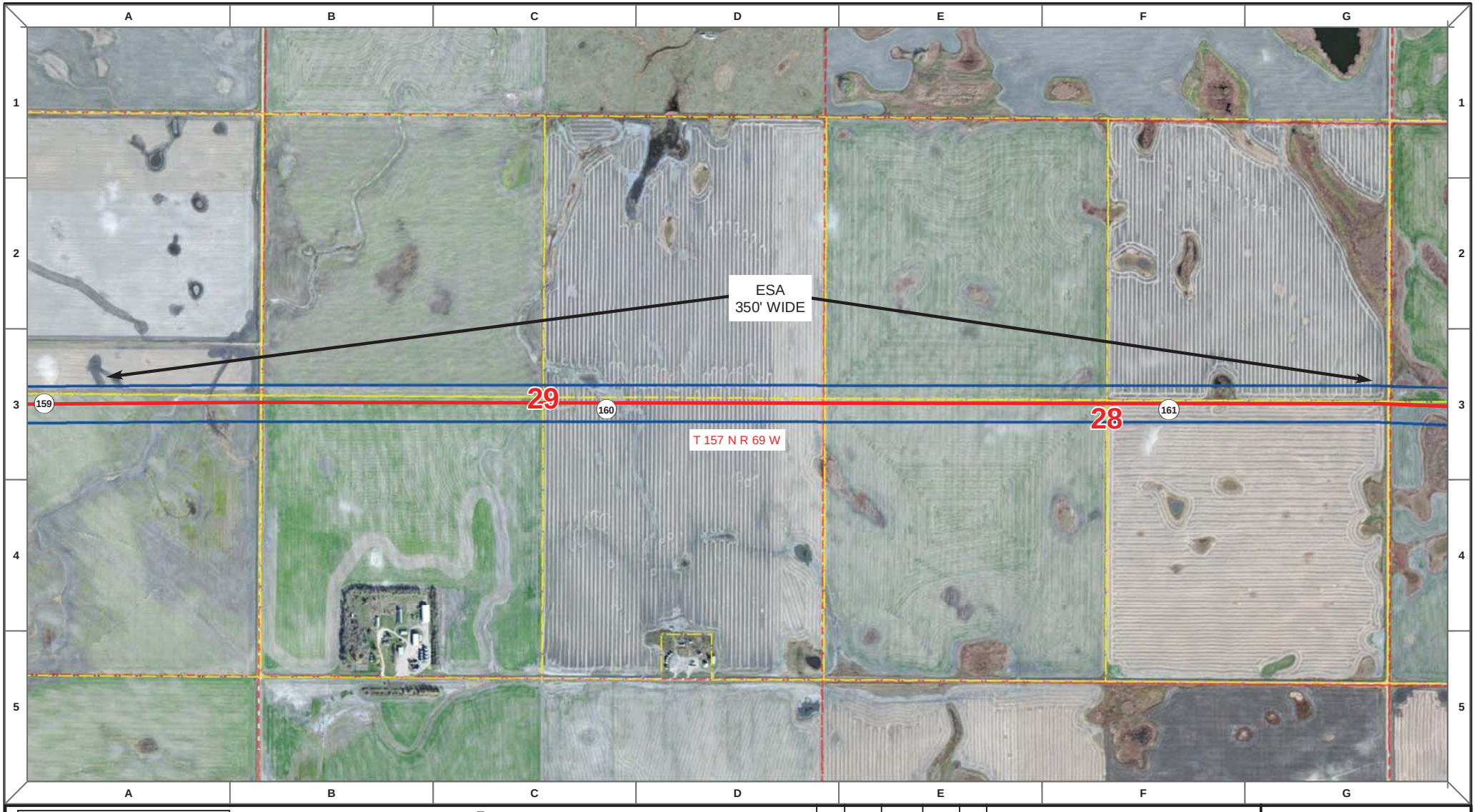
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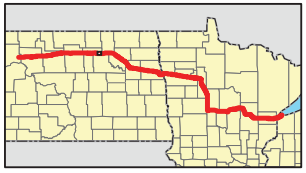
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Pierce County, ND

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Proposed Pipeline - Sandpiper
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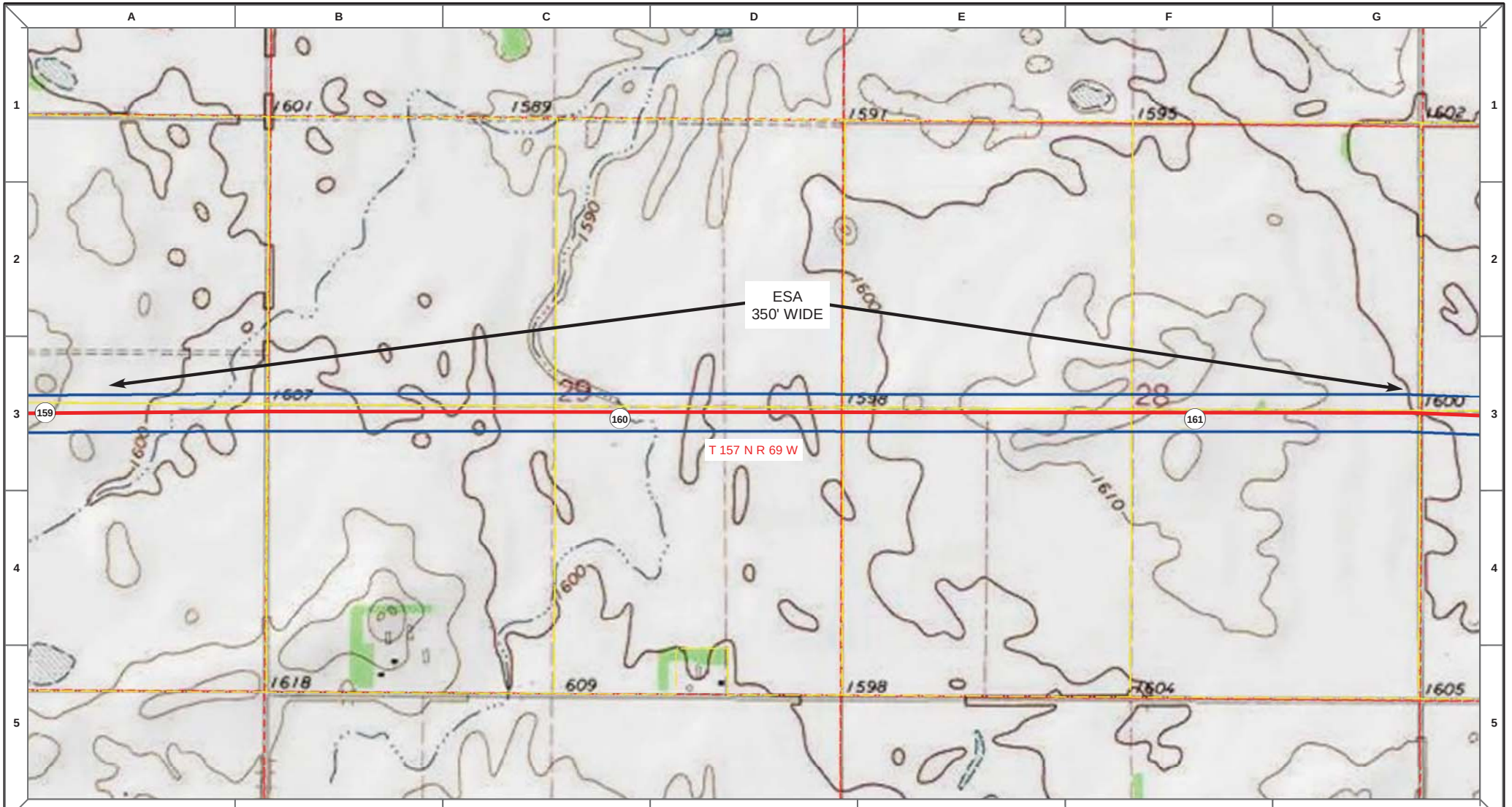
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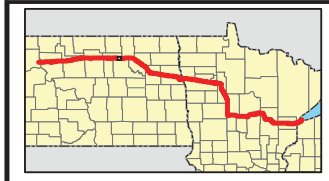
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

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Proposed Pipeline - Sandpiper
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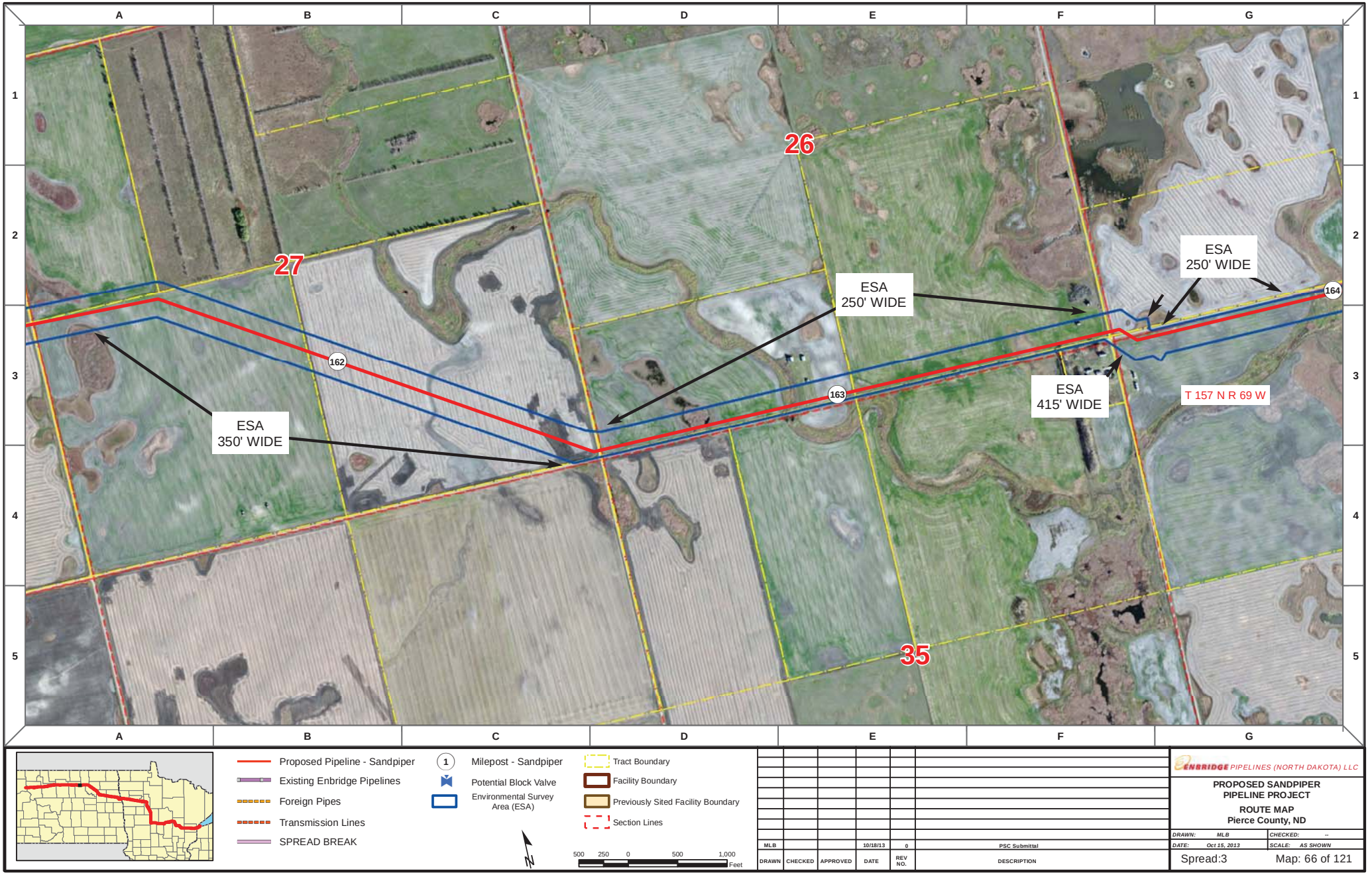
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

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Pierce County, ND

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Proposed Pipeline - Sandpiper
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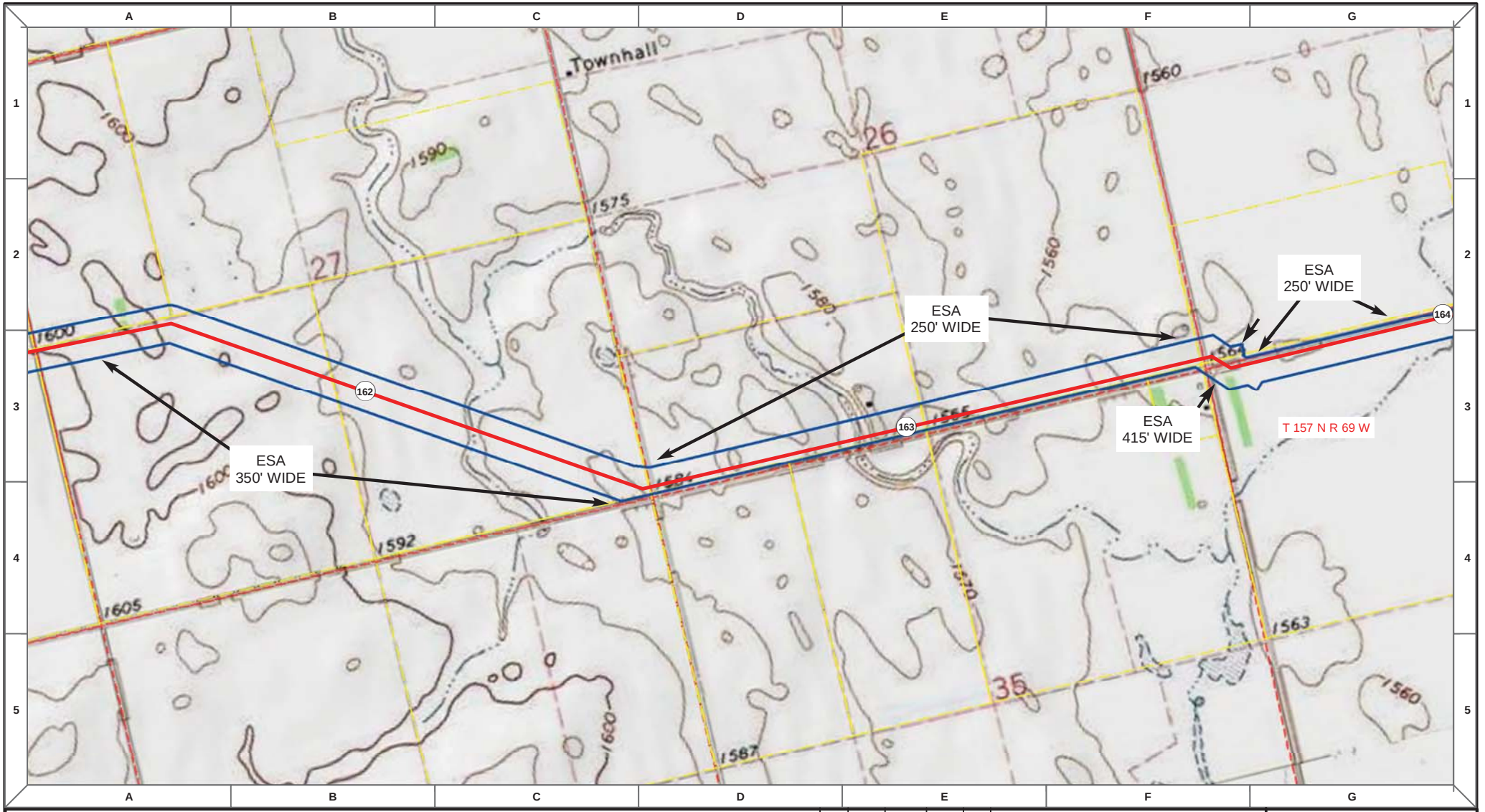
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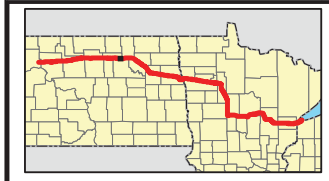
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

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Proposed Pipeline - Sandpiper
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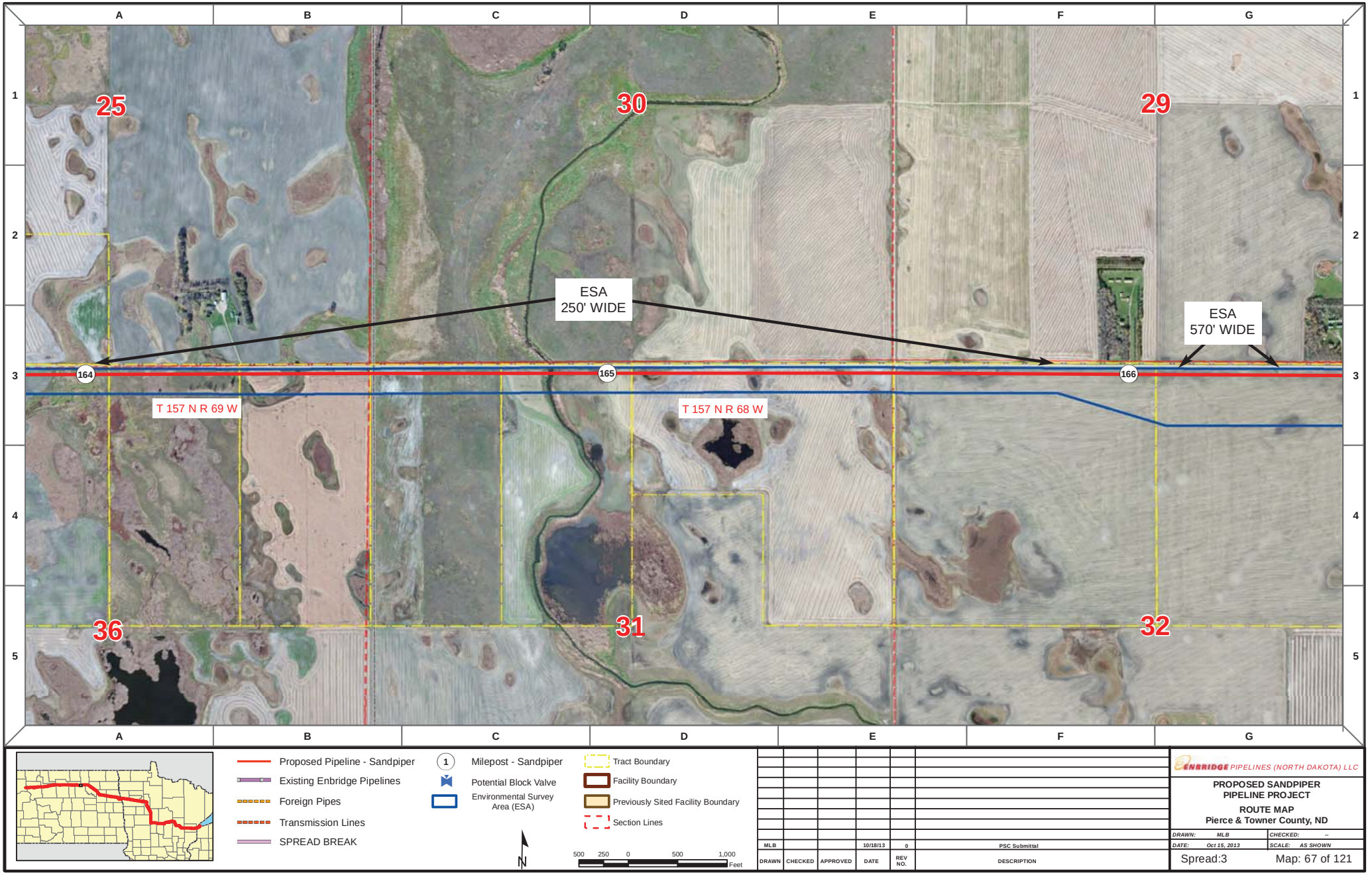
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PROPOSED SANDPIPER PIPELINE PROJECT

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Pierce County, ND

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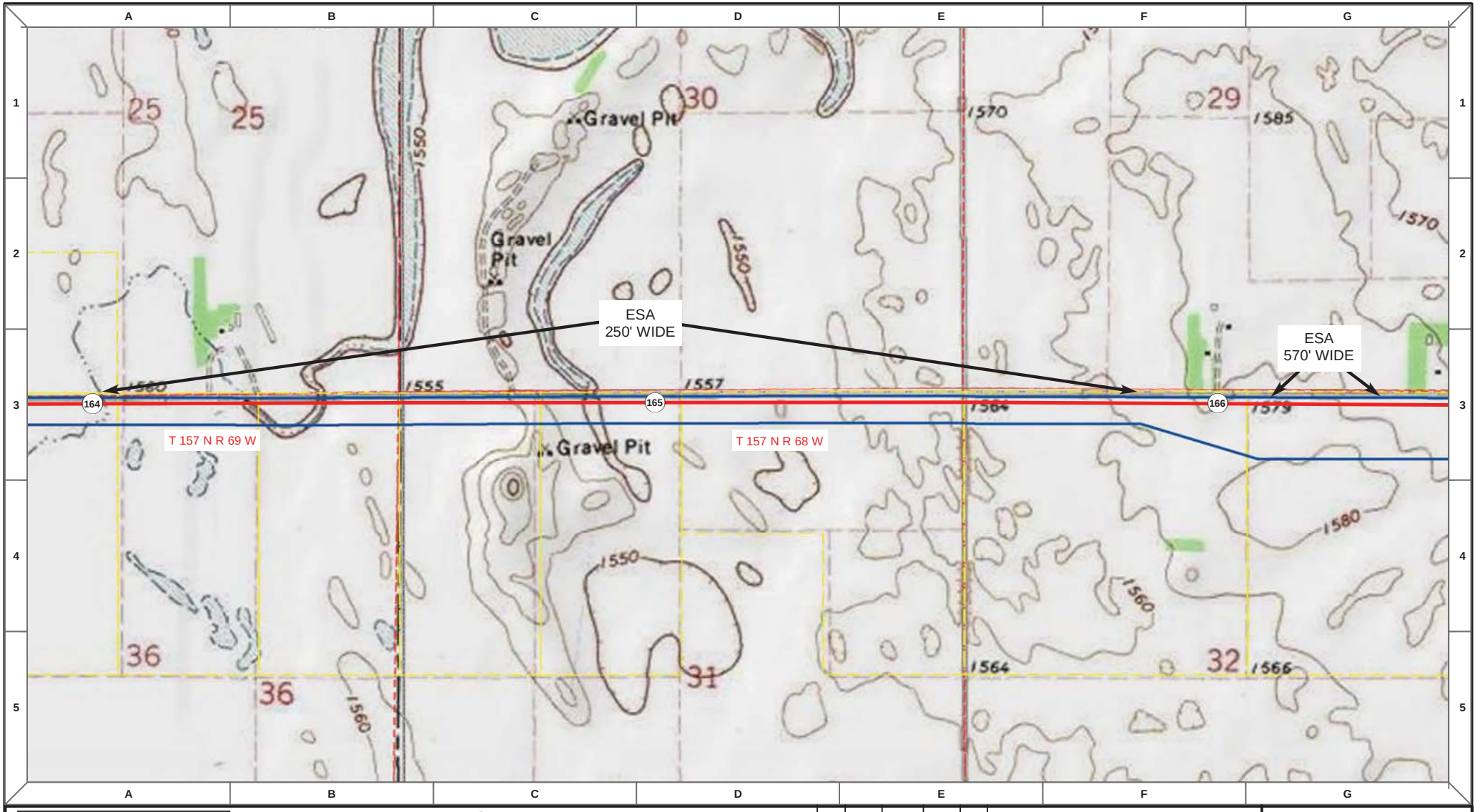
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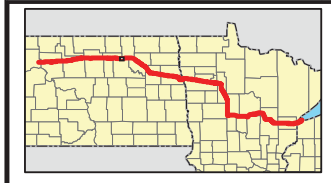
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce & Towner County, ND

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DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:3 Map: 67 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
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Transmission Lines
SPREAD BREAK

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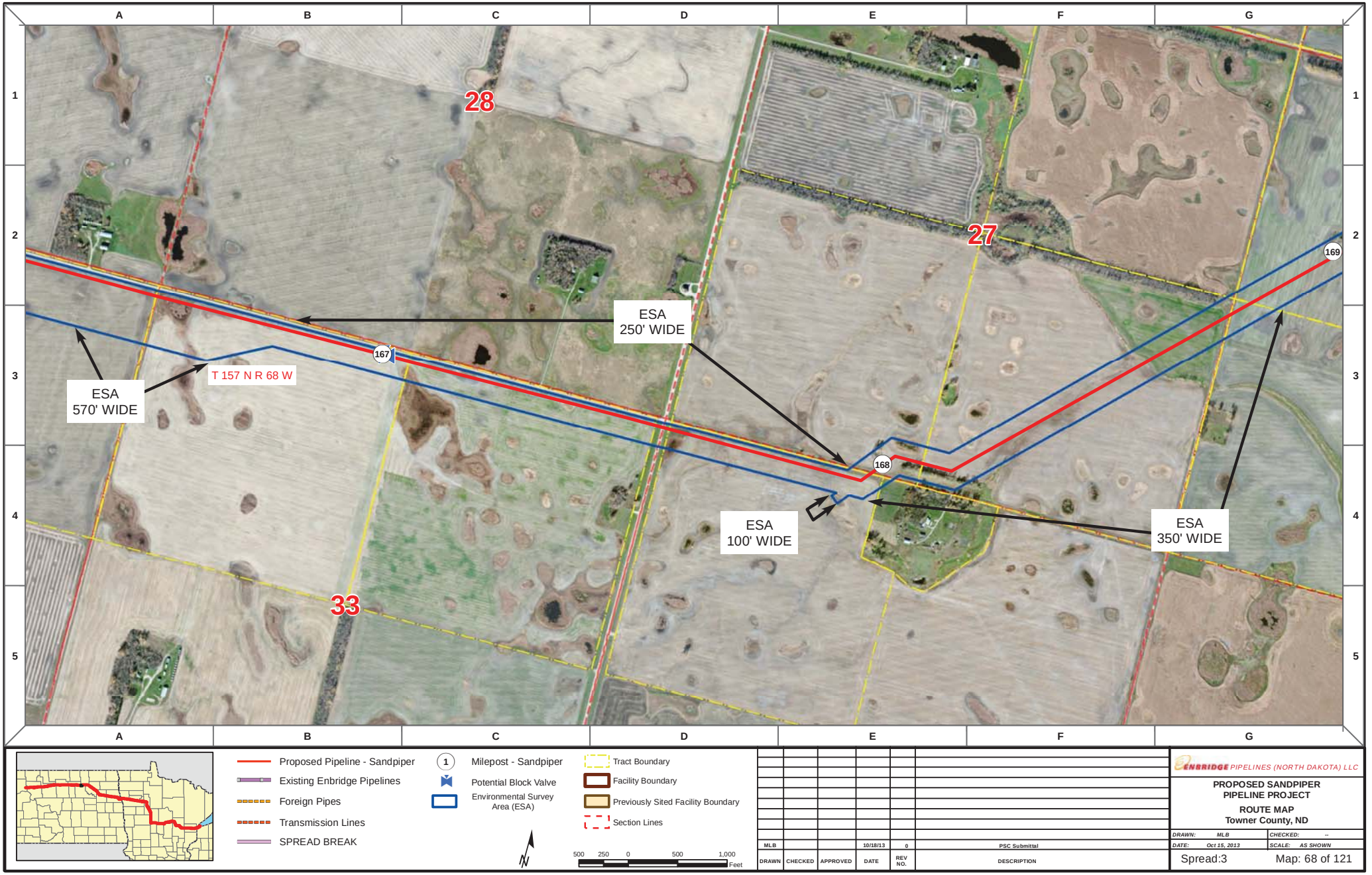
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce & Towner County, ND

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Proposed Pipeline - Sandpiper
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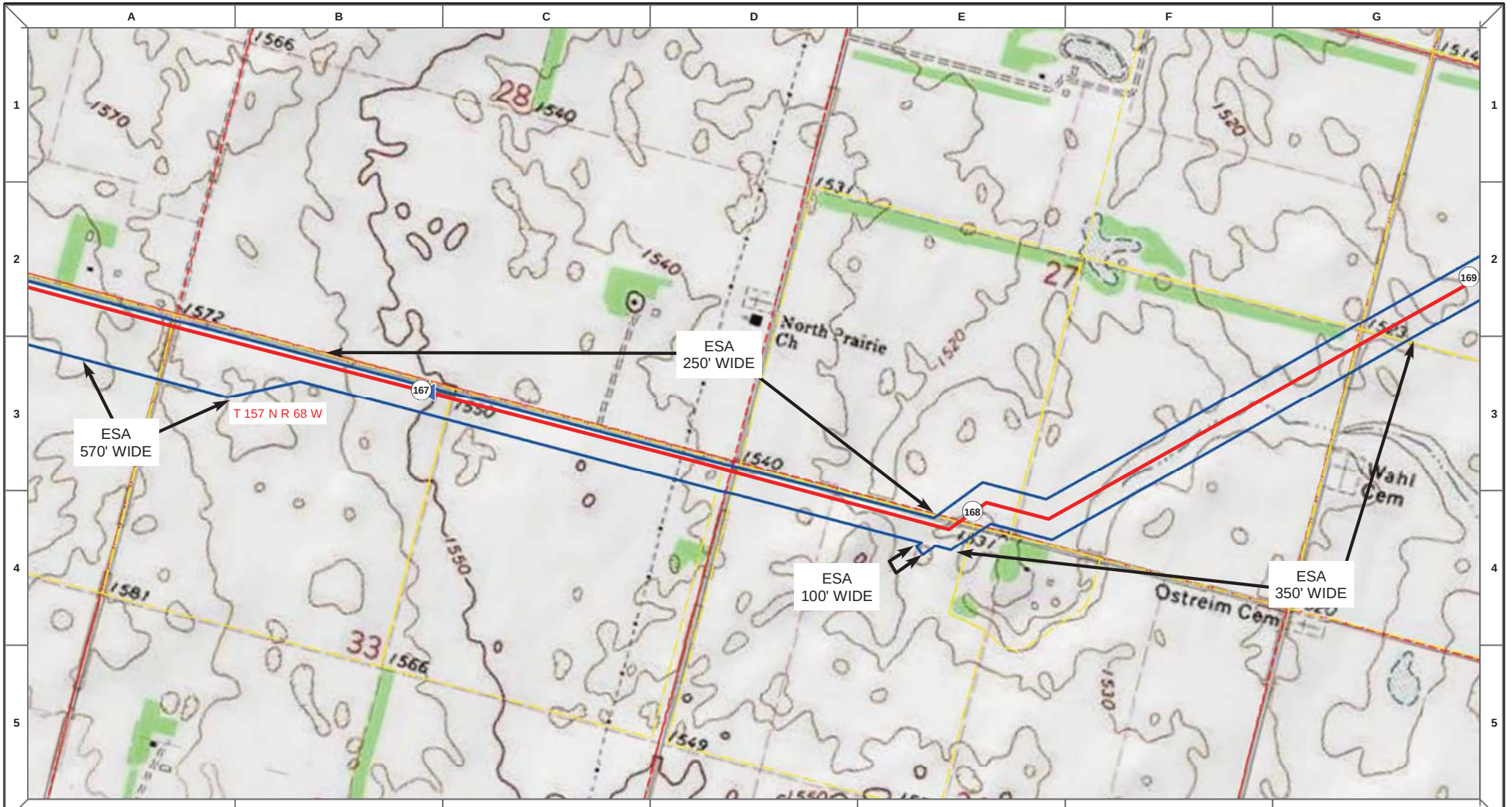
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Towner County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:3 Map: 68 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
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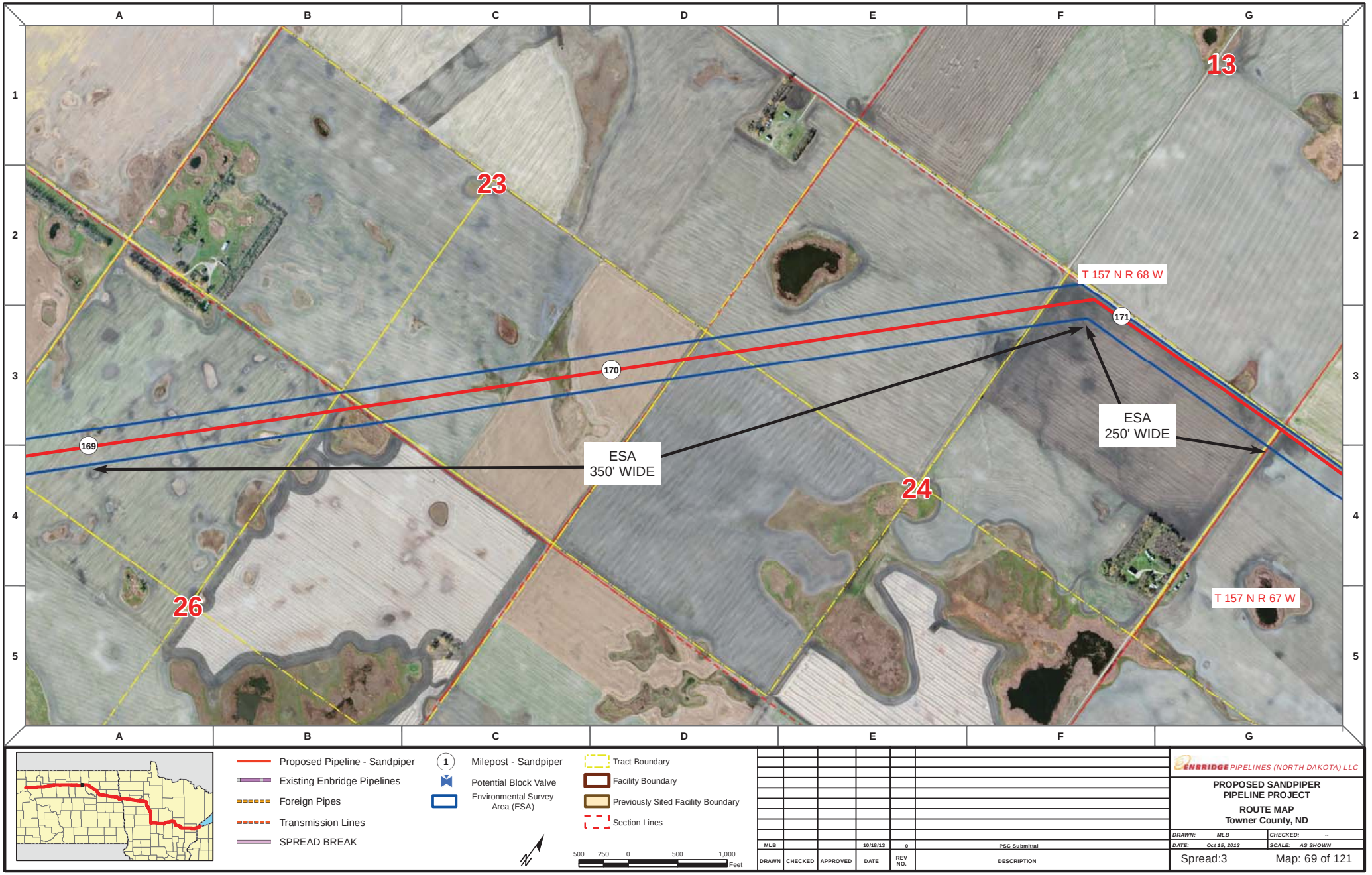
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PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Towner County, ND

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Proposed Pipeline - Sandpiper
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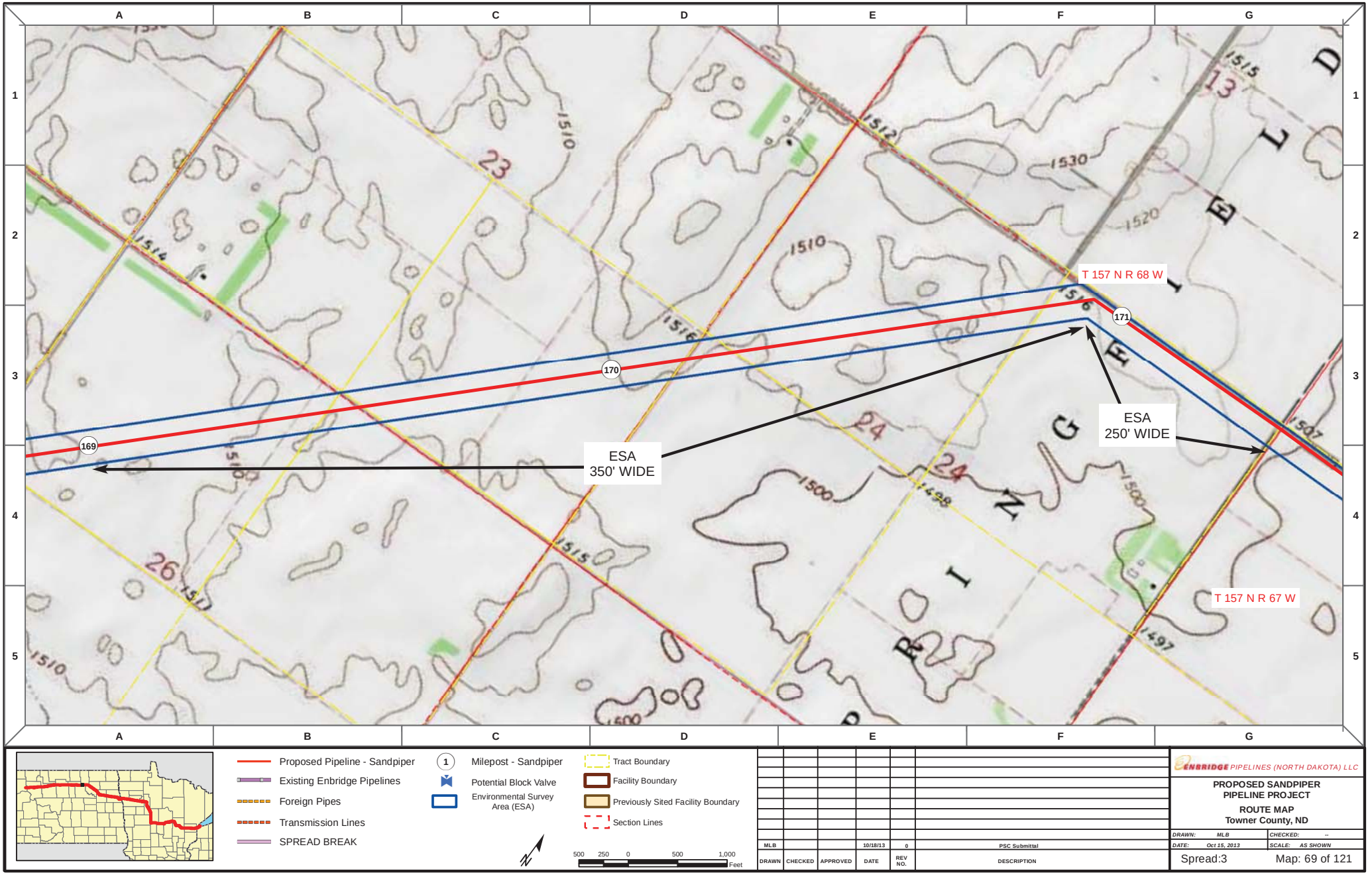
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PROPOSED SANDPIPER PIPELINE PROJECT

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Towner County, ND

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Proposed Pipeline - Sandpiper
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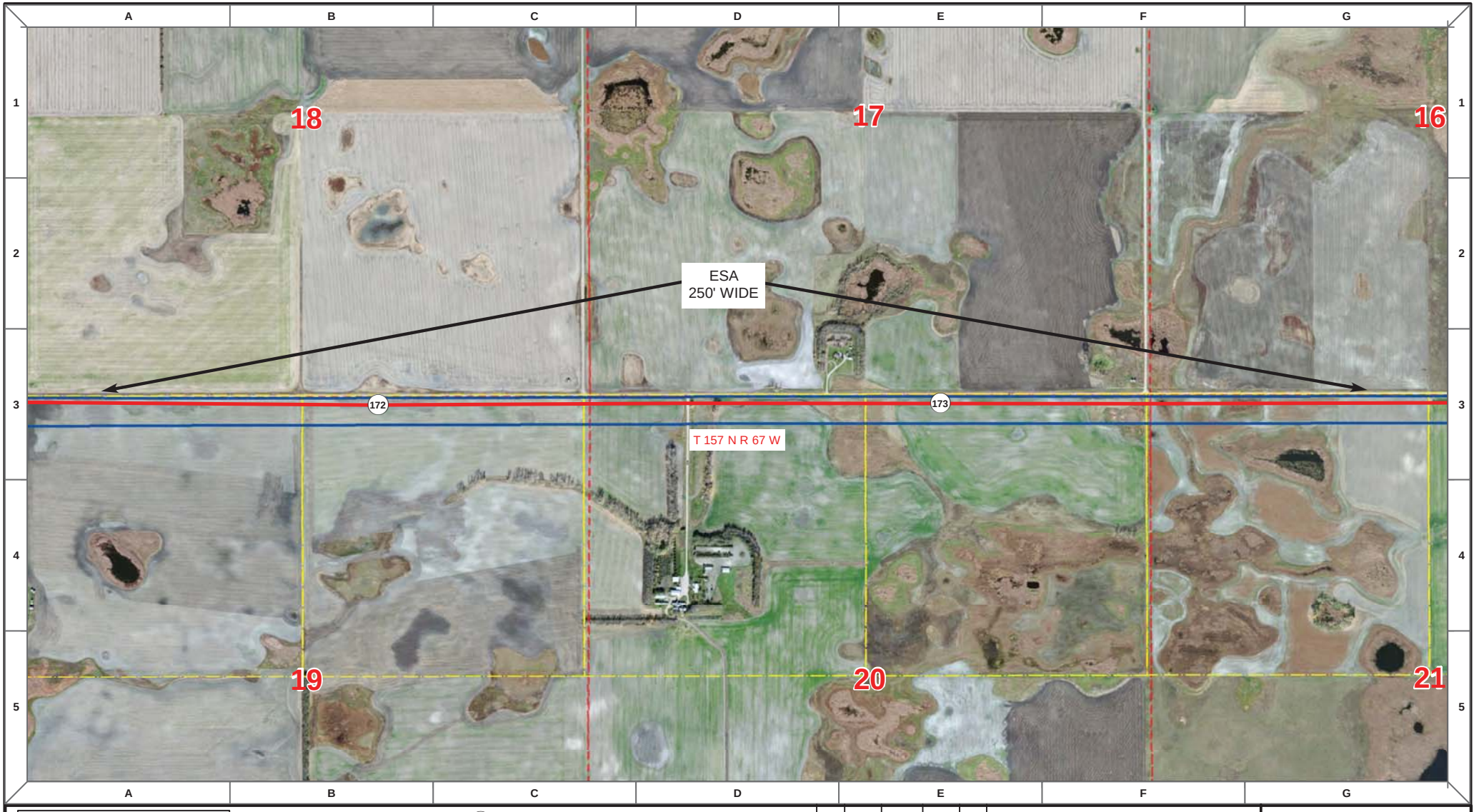
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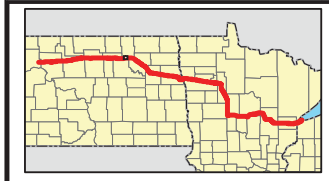
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Towner County, ND

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Proposed Pipeline - Sandpiper
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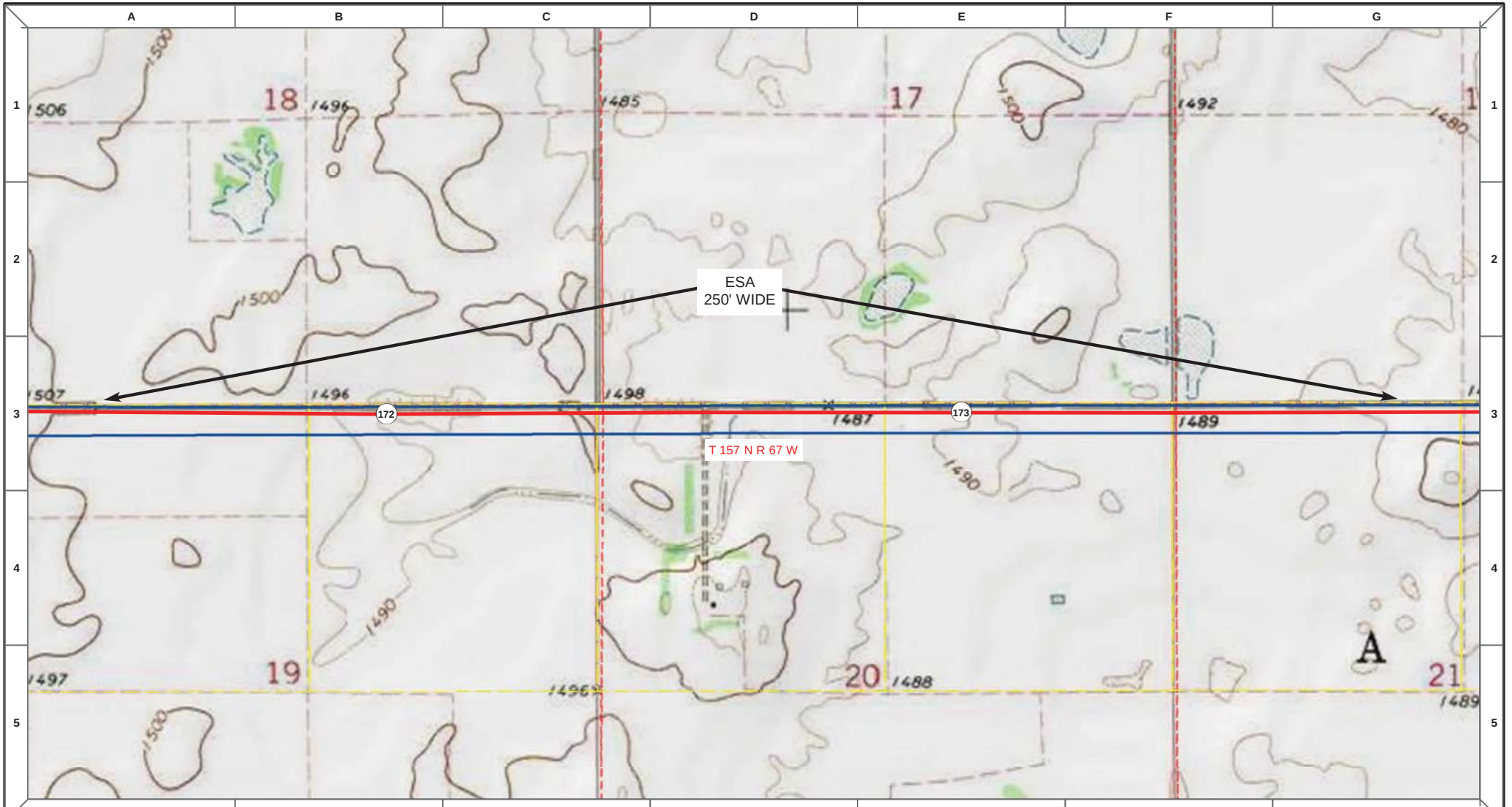
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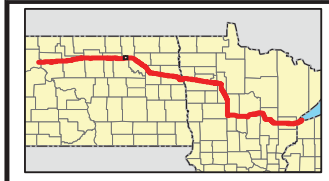
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Towner County, ND

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Proposed Pipeline - Sandpiper
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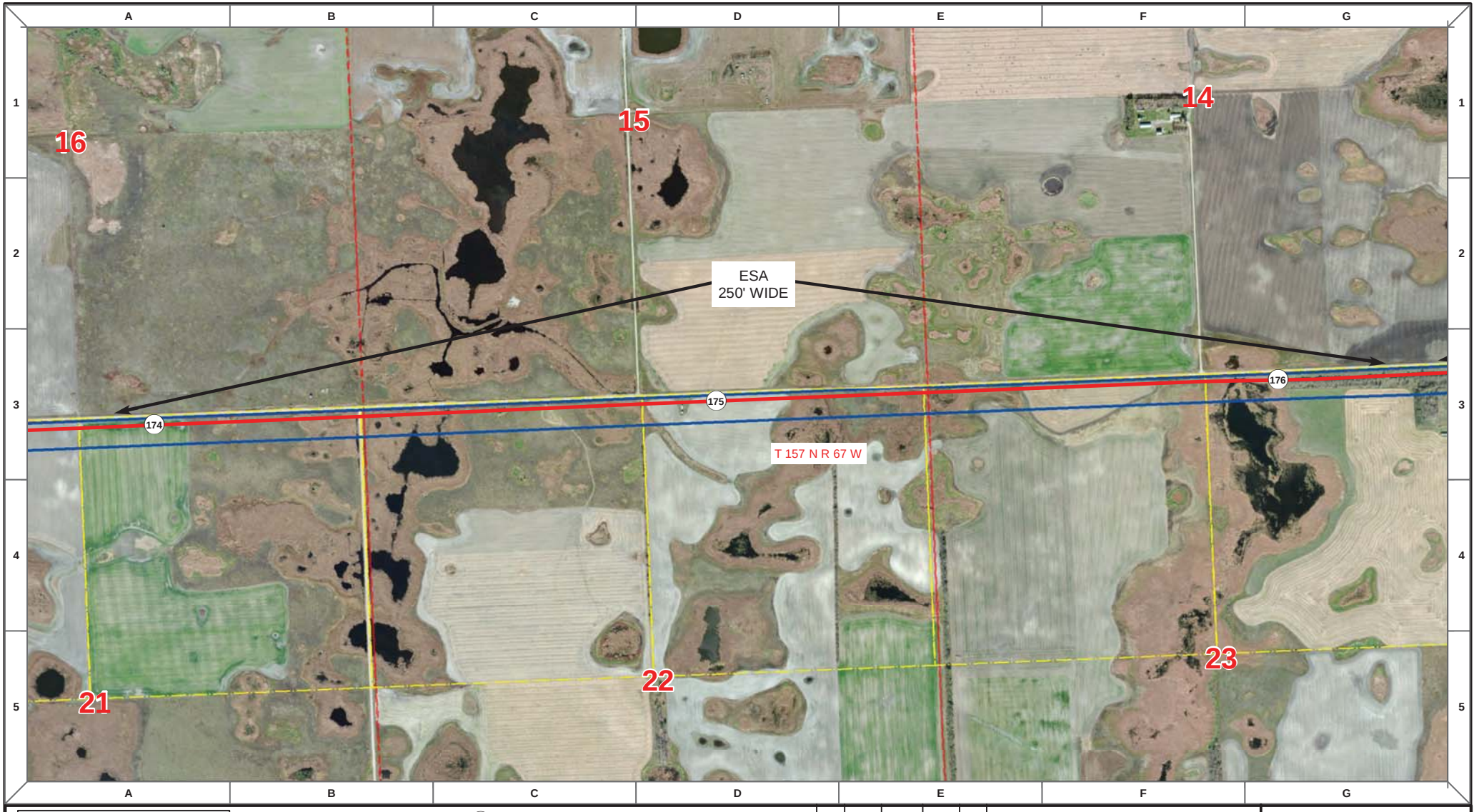
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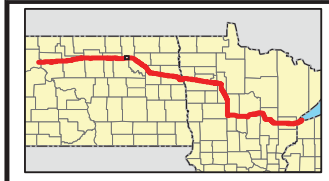
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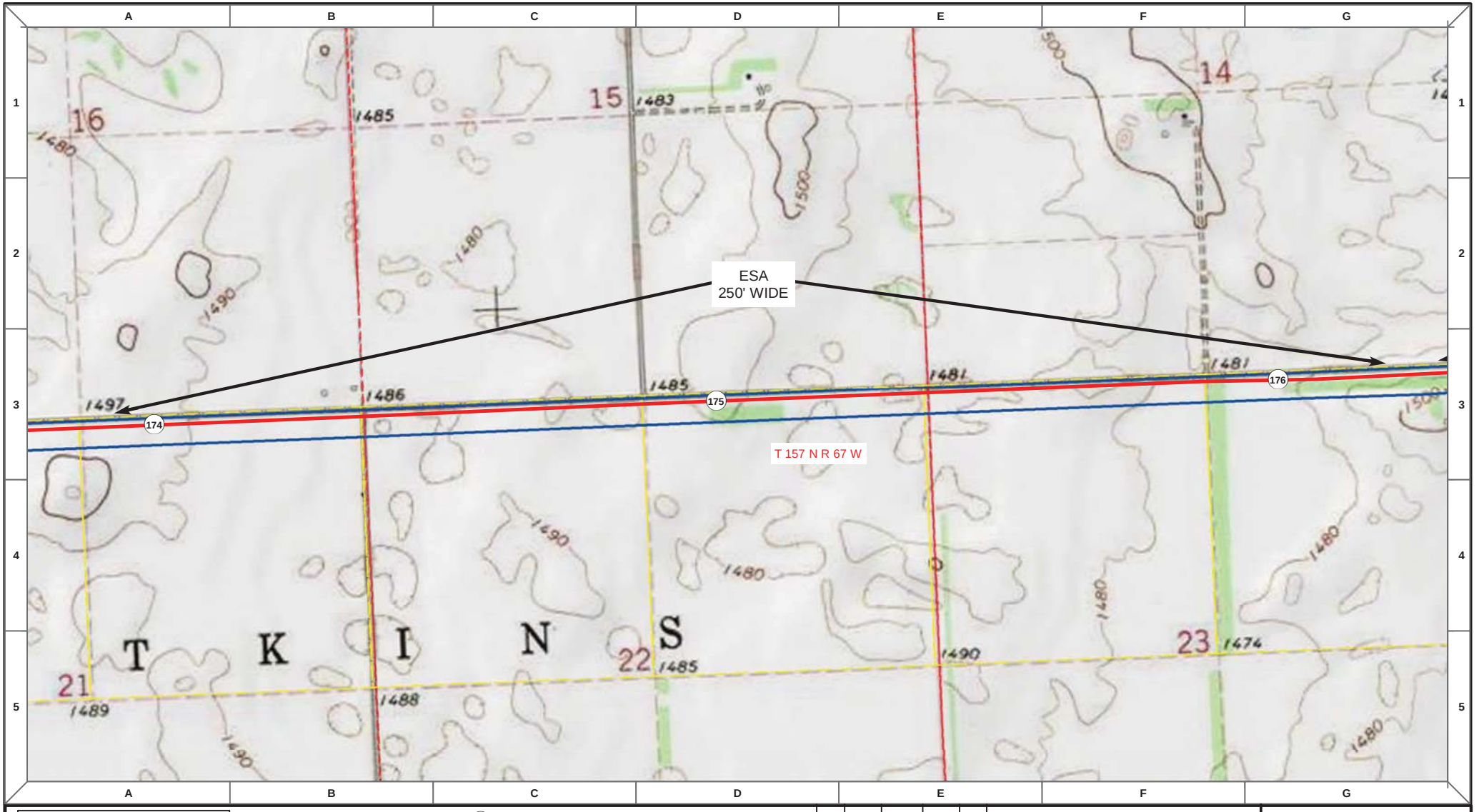
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Towner County, ND

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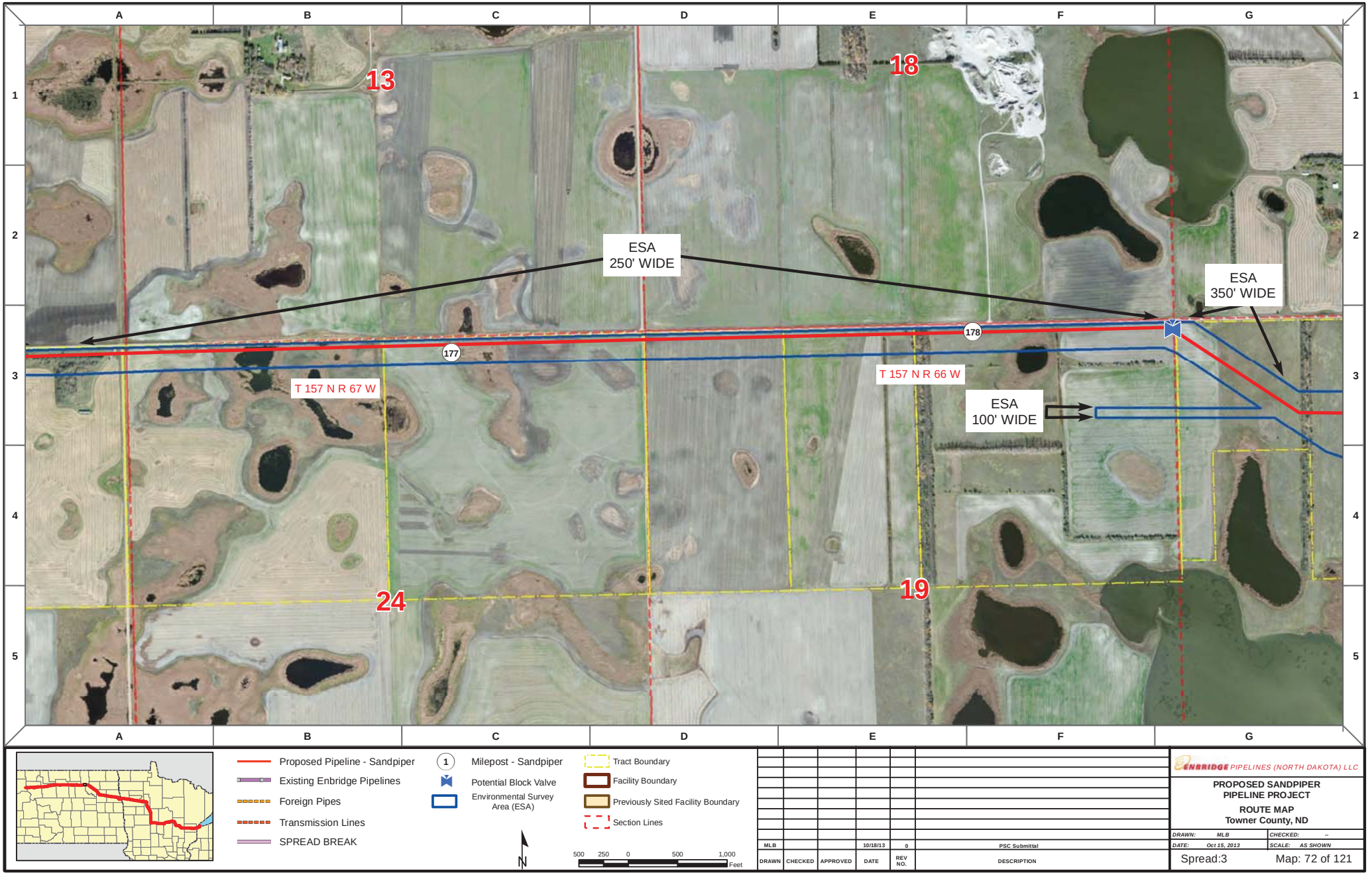
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Towner County, ND

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Proposed Pipeline - Sandpiper
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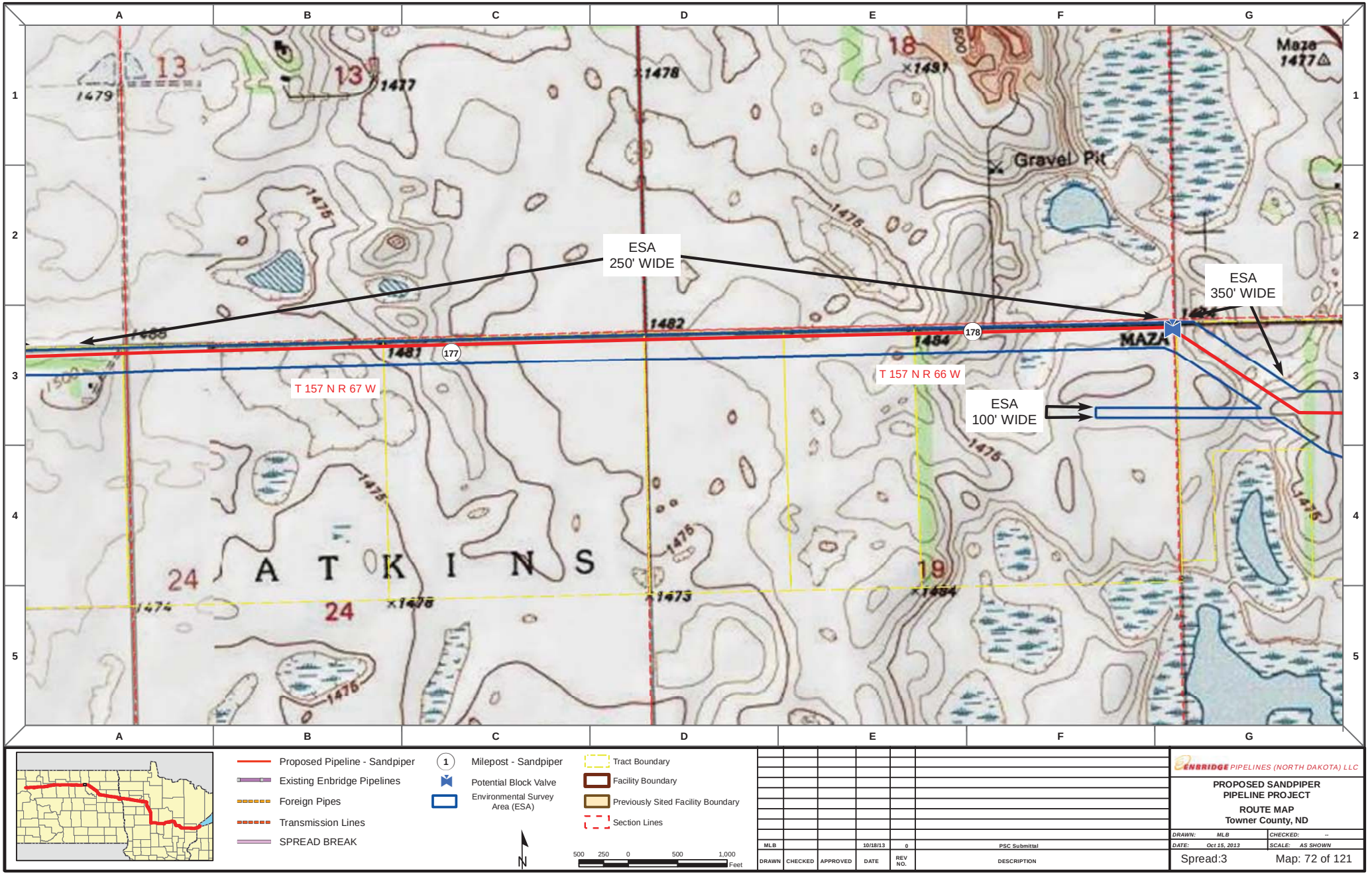
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DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:3 Map: 72 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

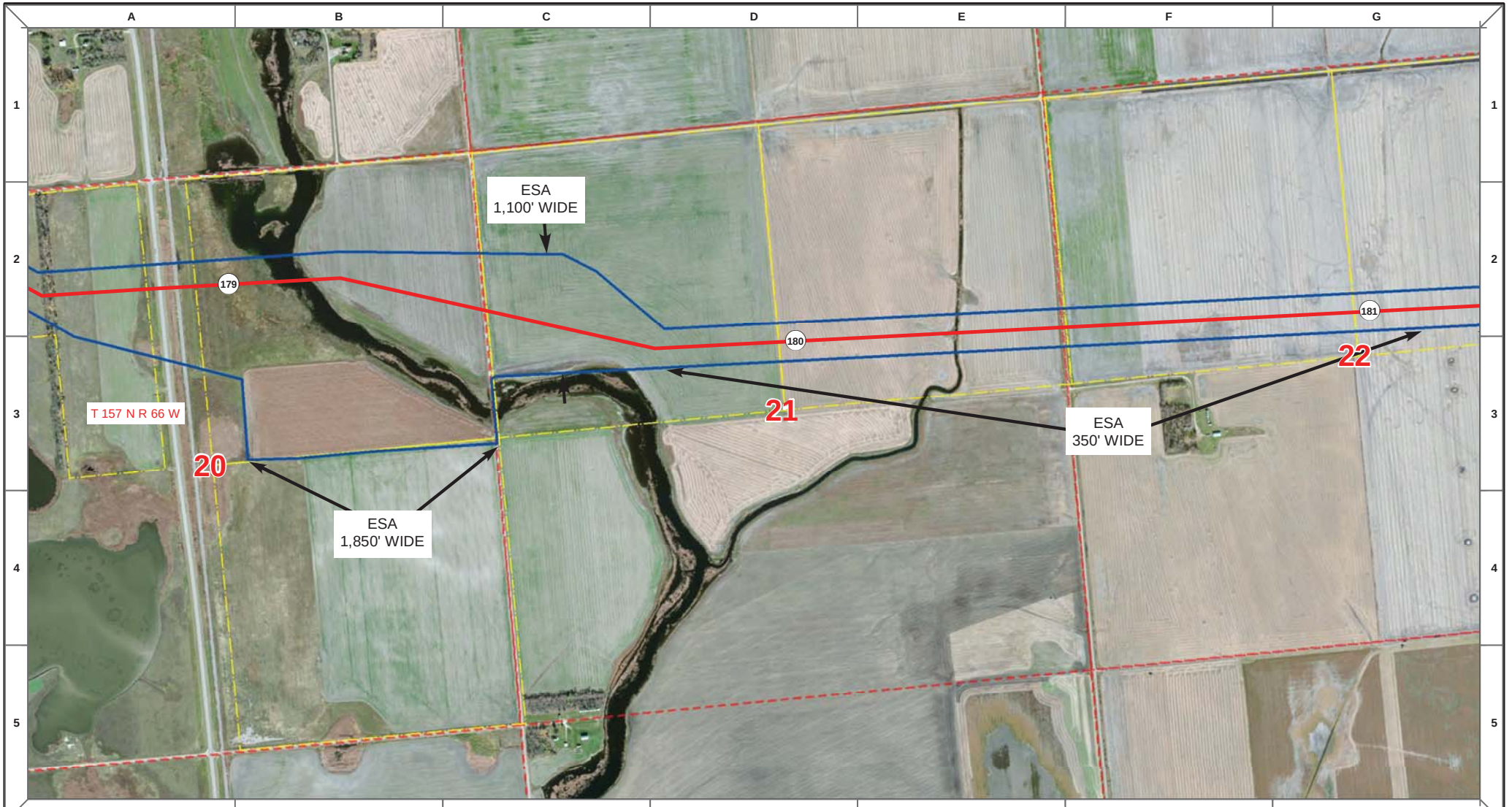
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

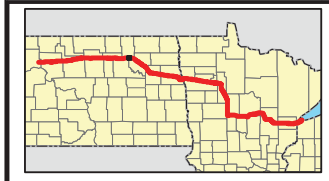
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Towner County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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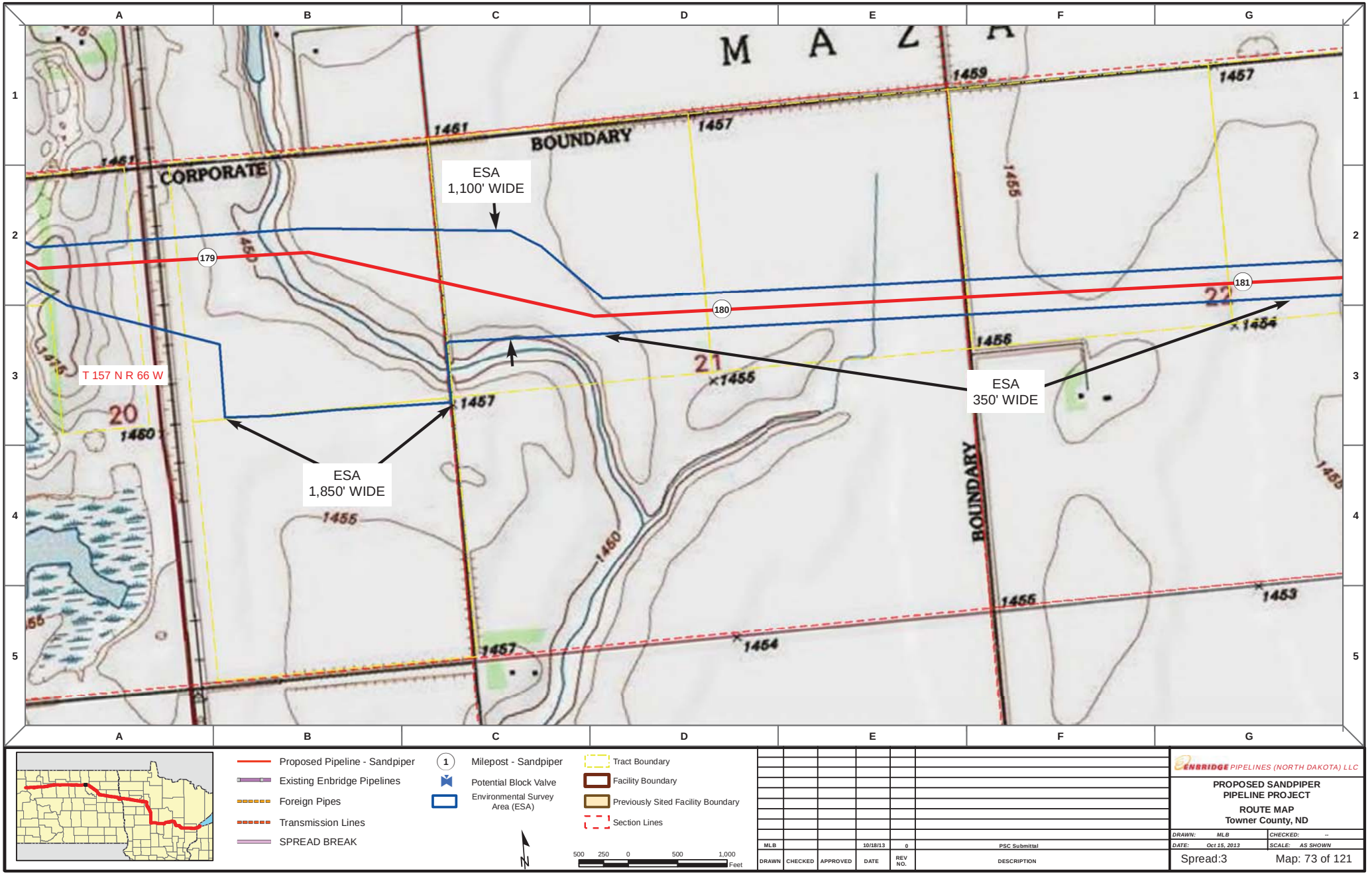
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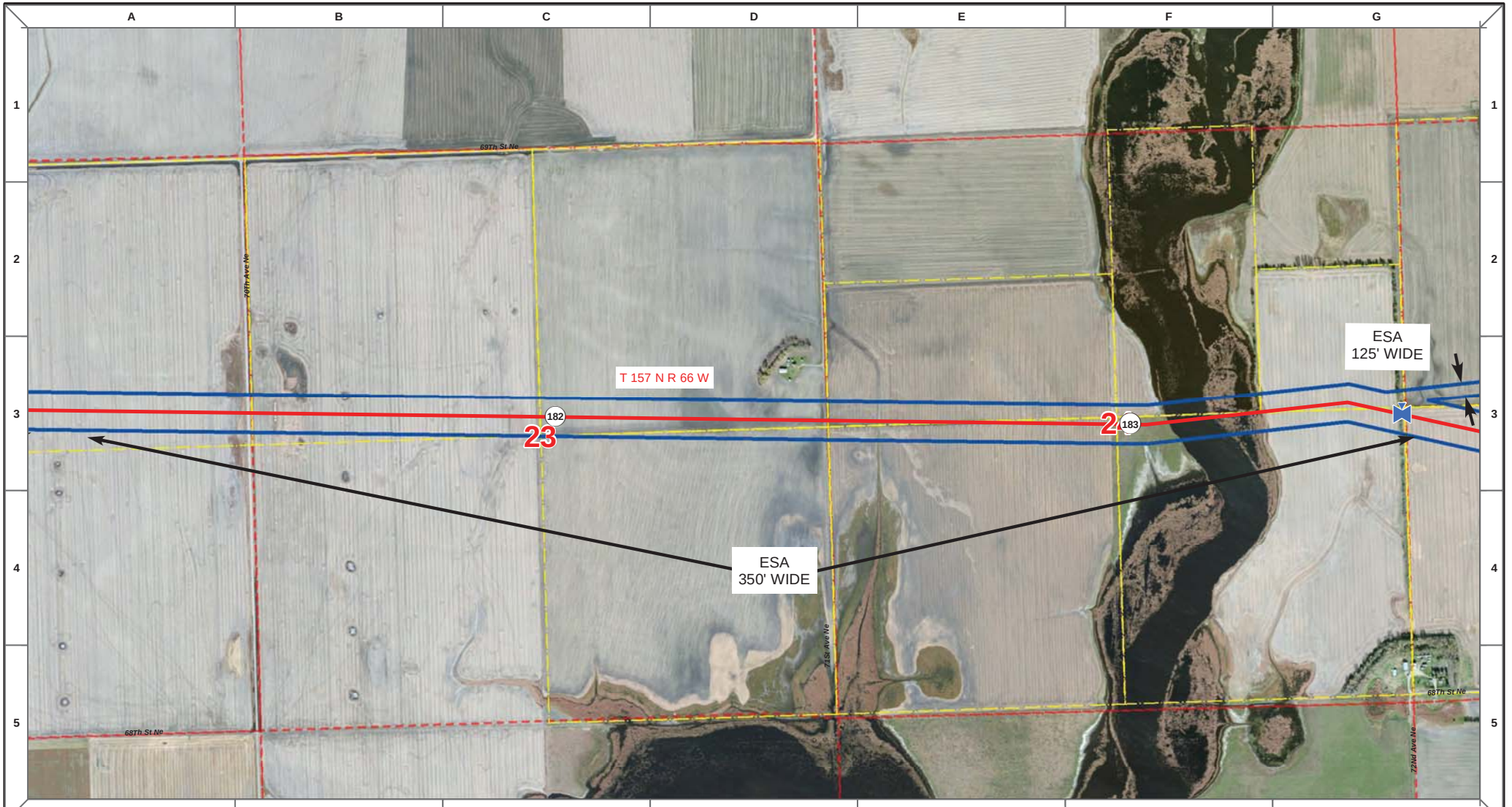
PROPOSED SANDPIPER PIPELINE PROJECT

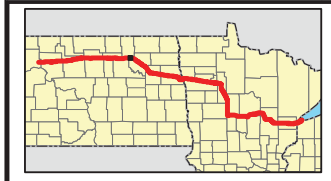
ROUTE MAP
Towner County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:3 Map: 73 of 121


A
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5
BOUNDARY
CORPORATE
BOUNDARY
ESA
1,100' WIDE
ESA
350' WIDE
ESA
1,850' WIDE
T 157 N R 66 W
179
180
181
20
21
22
1459
1457
1461
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1456
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1453
1460
1458
Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK
Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)
Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines
500 250 0 500 1,000
Feet
N
MLB
10/18/13
0
PSC Submittal
DRAWN
CHECKED
APPROVED
DATE
REV NO.
DESCRIPTION
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC
PROPOSED SANDPIPER PIPELINE PROJECT
ROUTE MAP
Towner County, ND
DRAWN: MLB
CHECKED: --
DATE: Oct 15, 2013
SCALE: AS SHOWN
Spread:3
Map: 73 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve

Environmental Survey Area (ESA)
Tract Boundary
Facility Boundary
Section Lines

N

500 250 0 500 1,000
Feet

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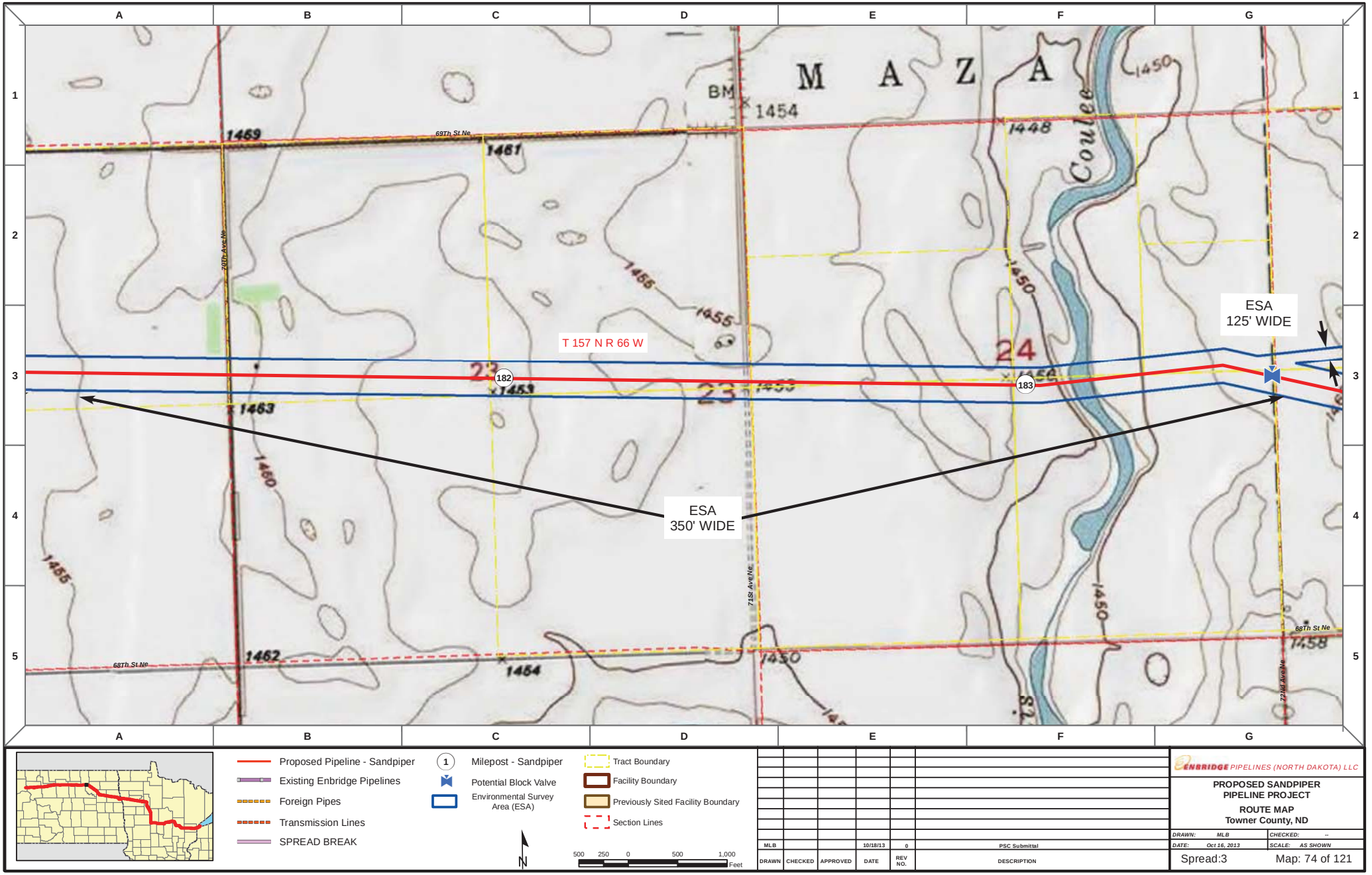
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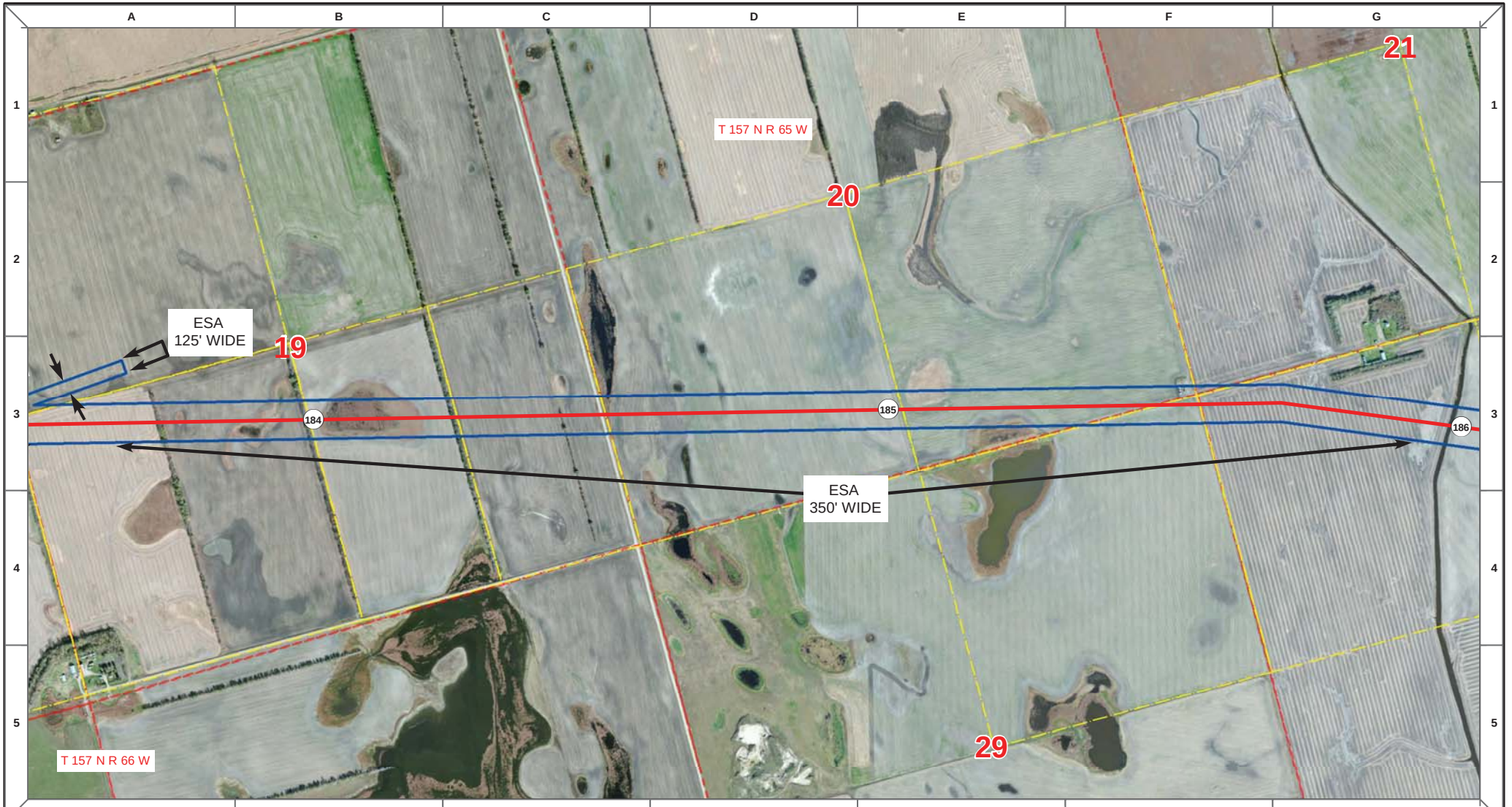
PROPOSED SANDPIPER PIPELINE PROJECT

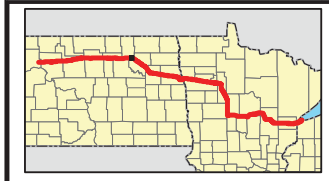
ROUTE MAP
Towner County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 16, 2013	SCALE: AS SHOWN

Spread:3 Map: 74 of 121


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BM
1454
1469
69Th St Ne
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T 157 N R 66 W
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182
183
1453
1463
1460
ESA
125' WIDE
ESA
350' WIDE
1455
71St Ave Ne
1462
68Th St Ne
1464
1458
72Nd Ave Ne
Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK
Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)
Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines
N
500 250 0 500 1,000
Feet
MLB
10/18/13
0
PSC Submittal
DRAWN
CHECKED
APPROVED
DATE
REV NO.
DESCRIPTION
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC
PROPOSED SANDPIPER PIPELINE PROJECT
ROUTE MAP
Towner County, ND
DRAWN: MLB
CHECKED: --
DATE: Oct 16, 2013
SCALE: AS SHOWN
Spread:3
Map: 74 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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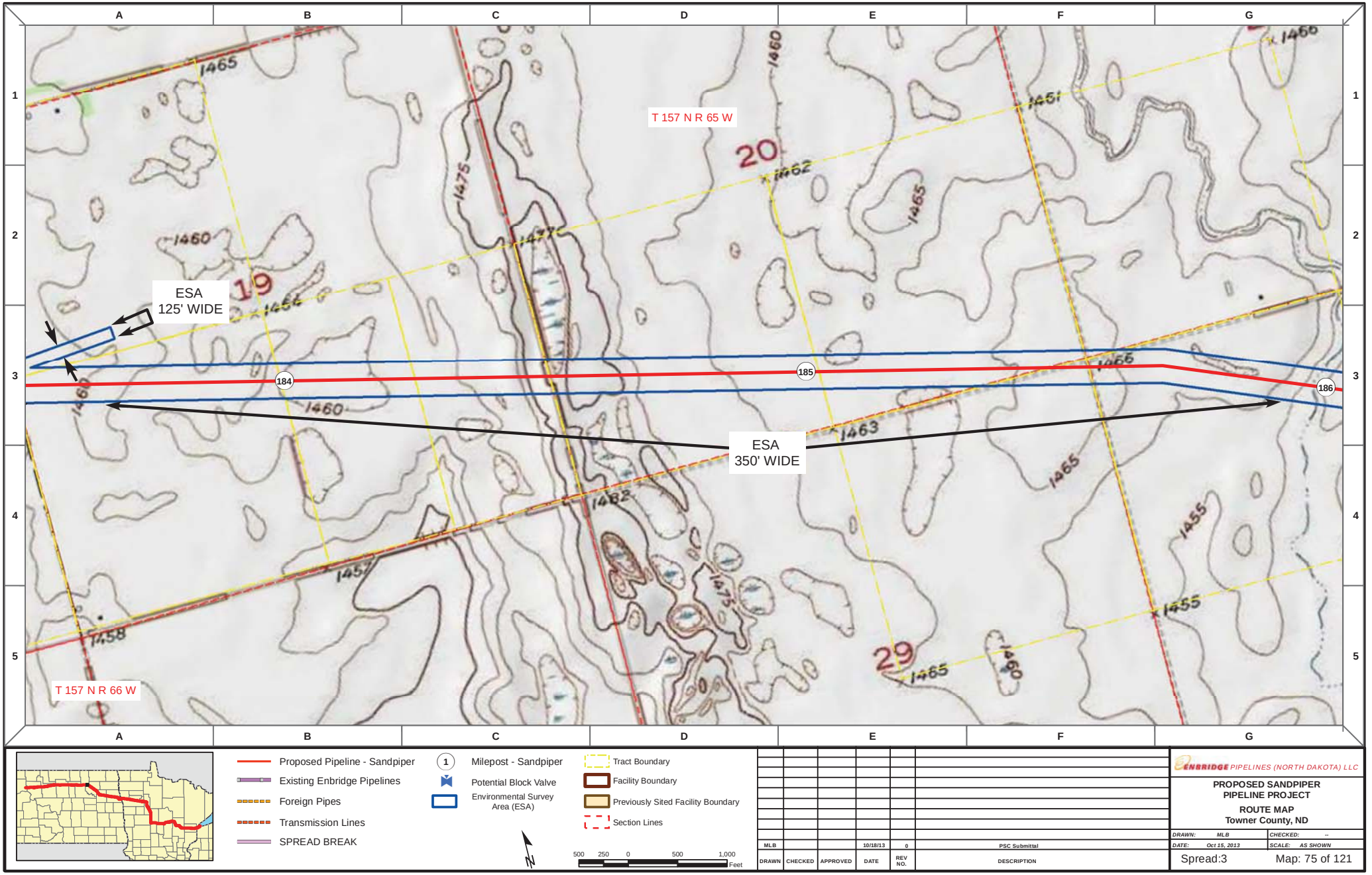
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Towner County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:3 Map: 75 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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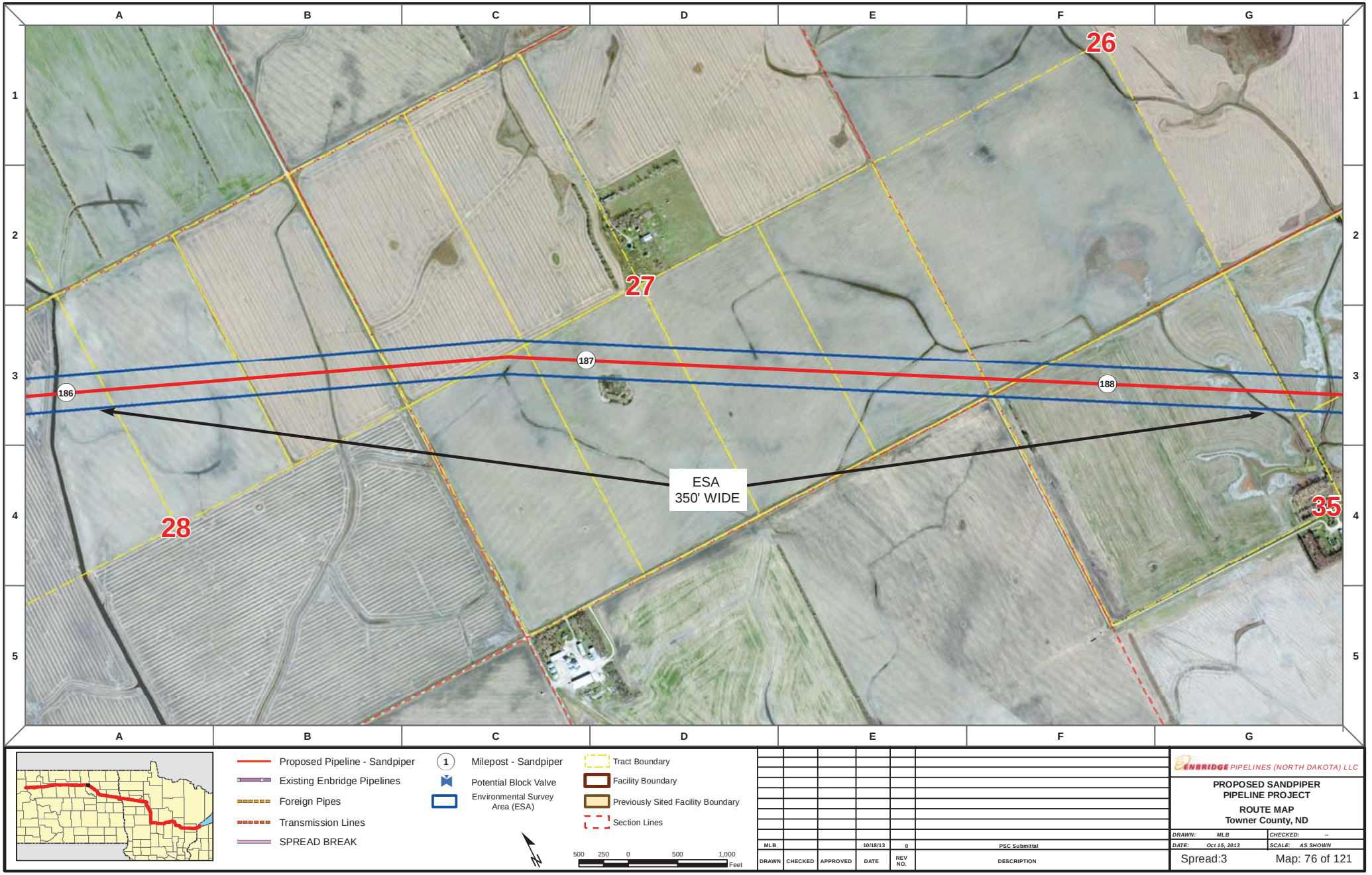
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Towner County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:3 Map: 75 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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Section Lines

500 250 0 500 1,000 Feet

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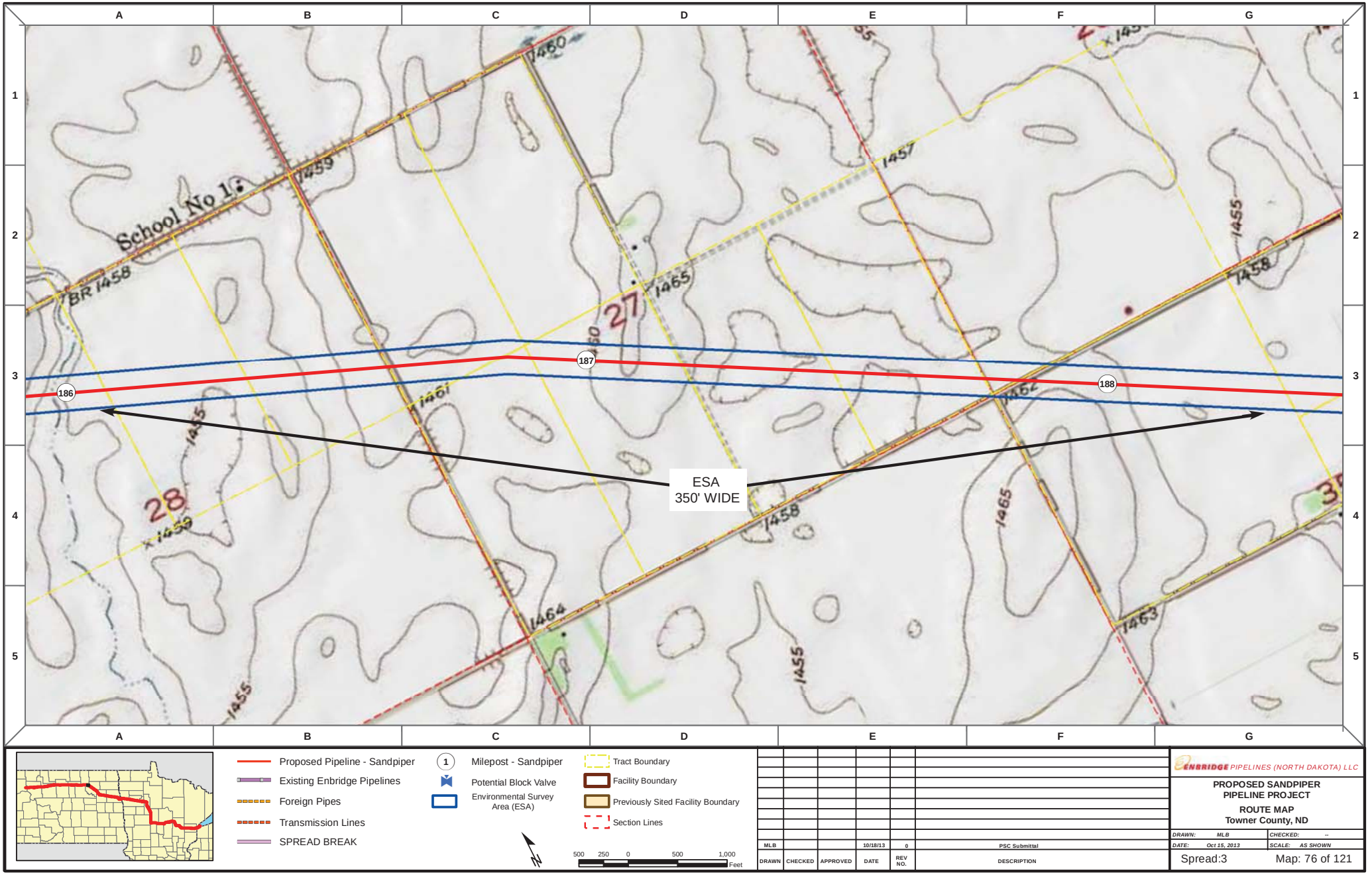
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Towner County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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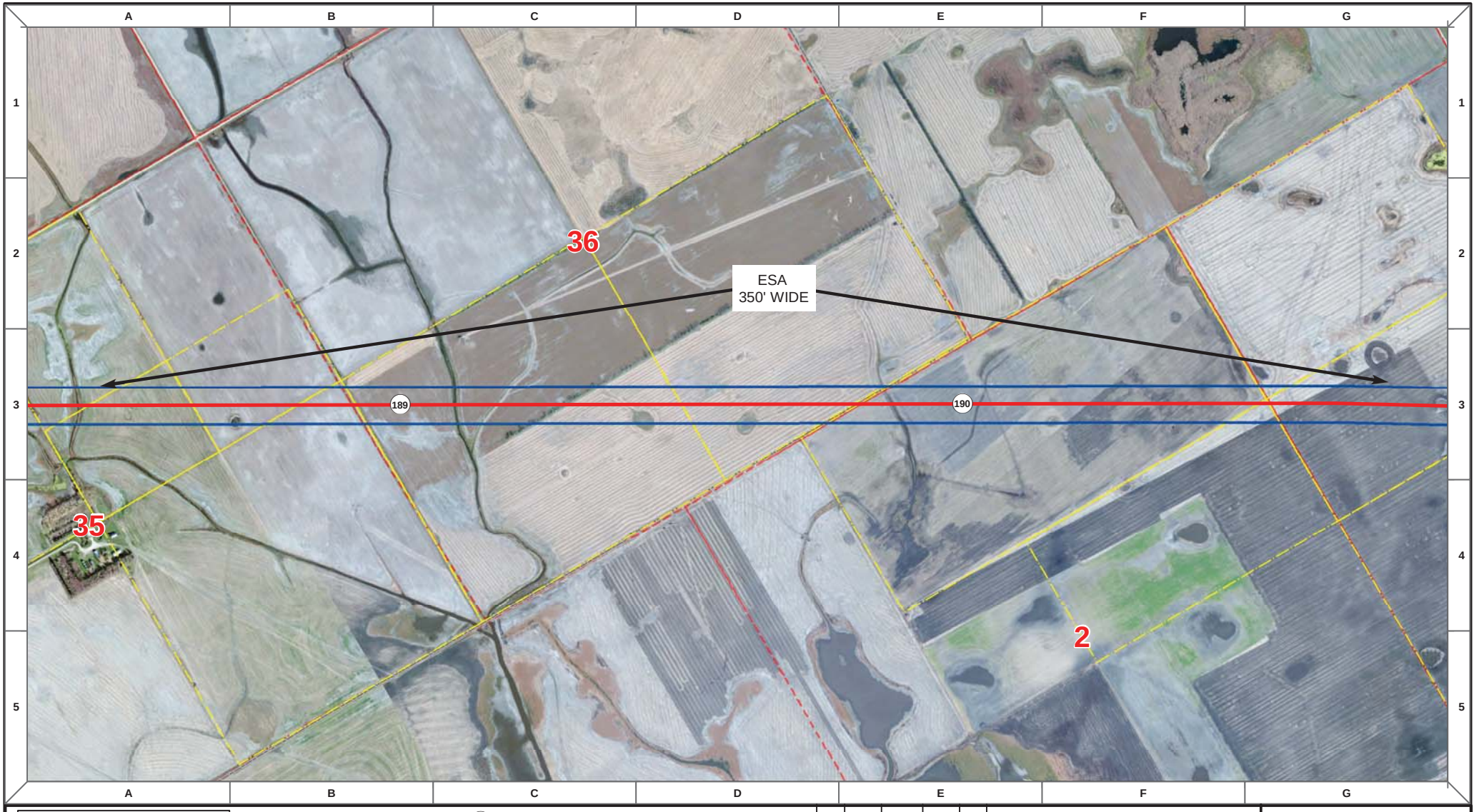
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

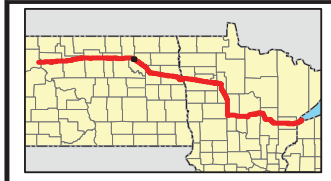
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Towner County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:3 Map: 76 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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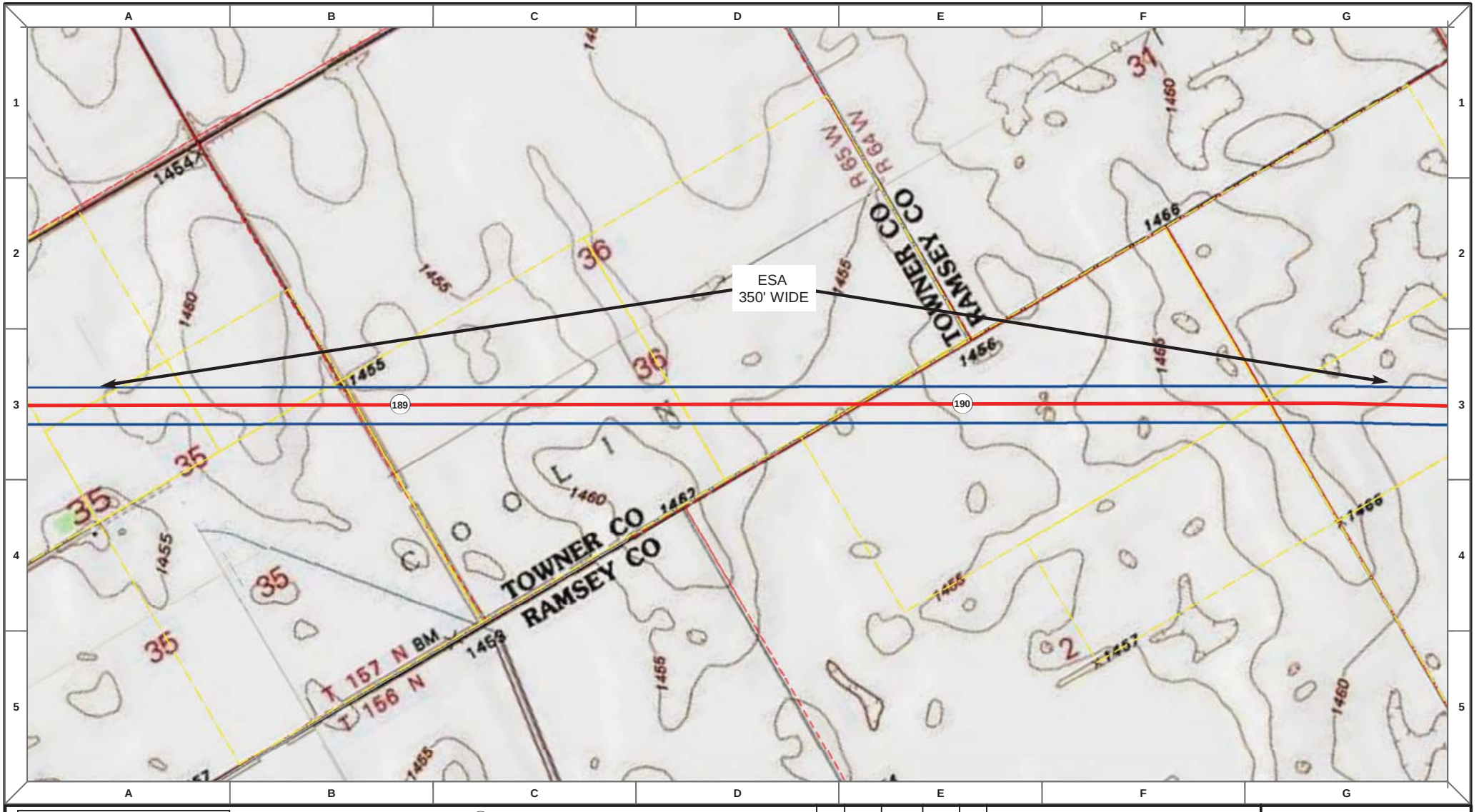
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Towner & Ramsey County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:3 Map: 77 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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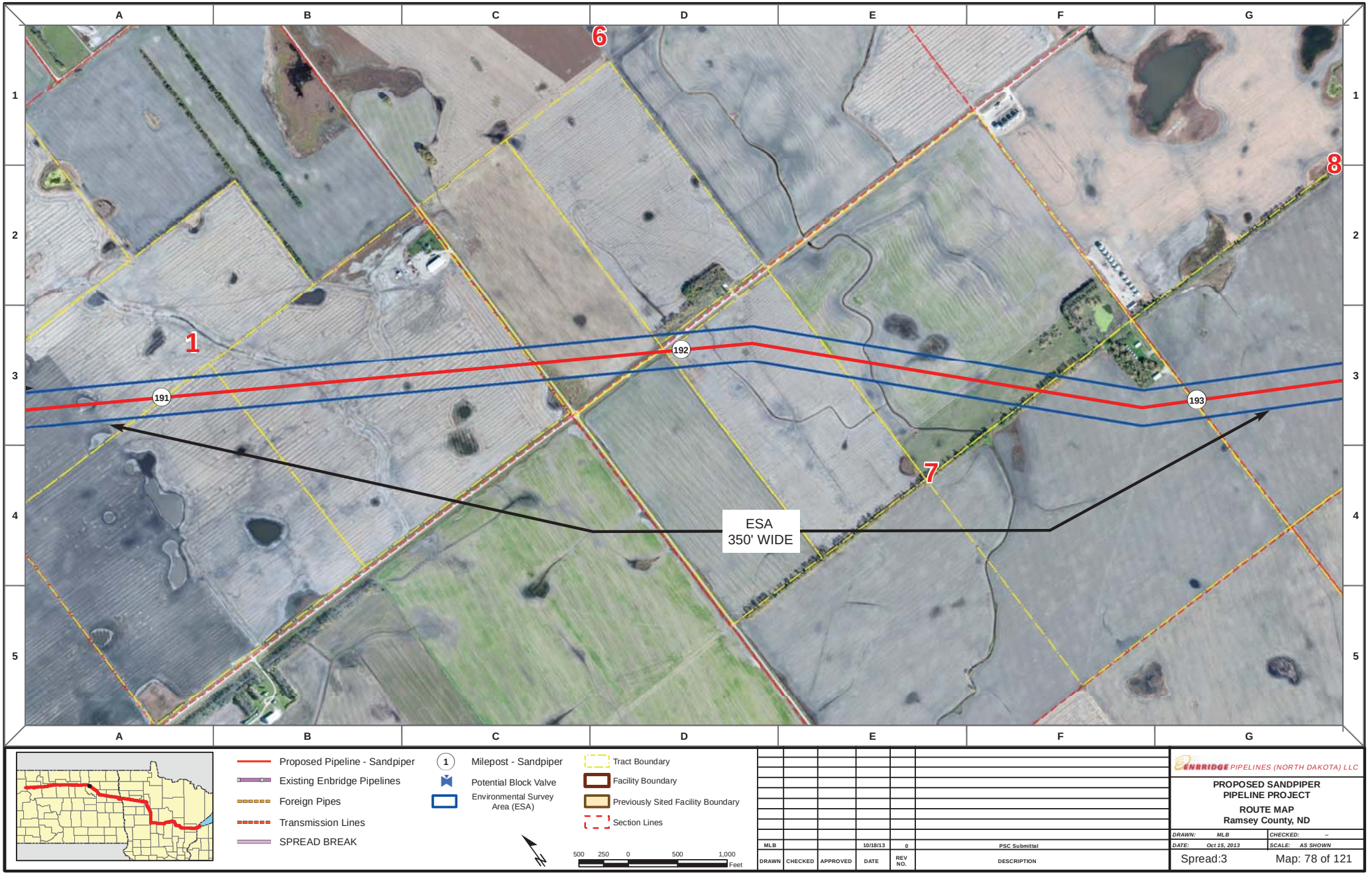
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Towner & Ramsey County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:3 Map: 77 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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Section Lines

500 250 0 500 1,000 Feet

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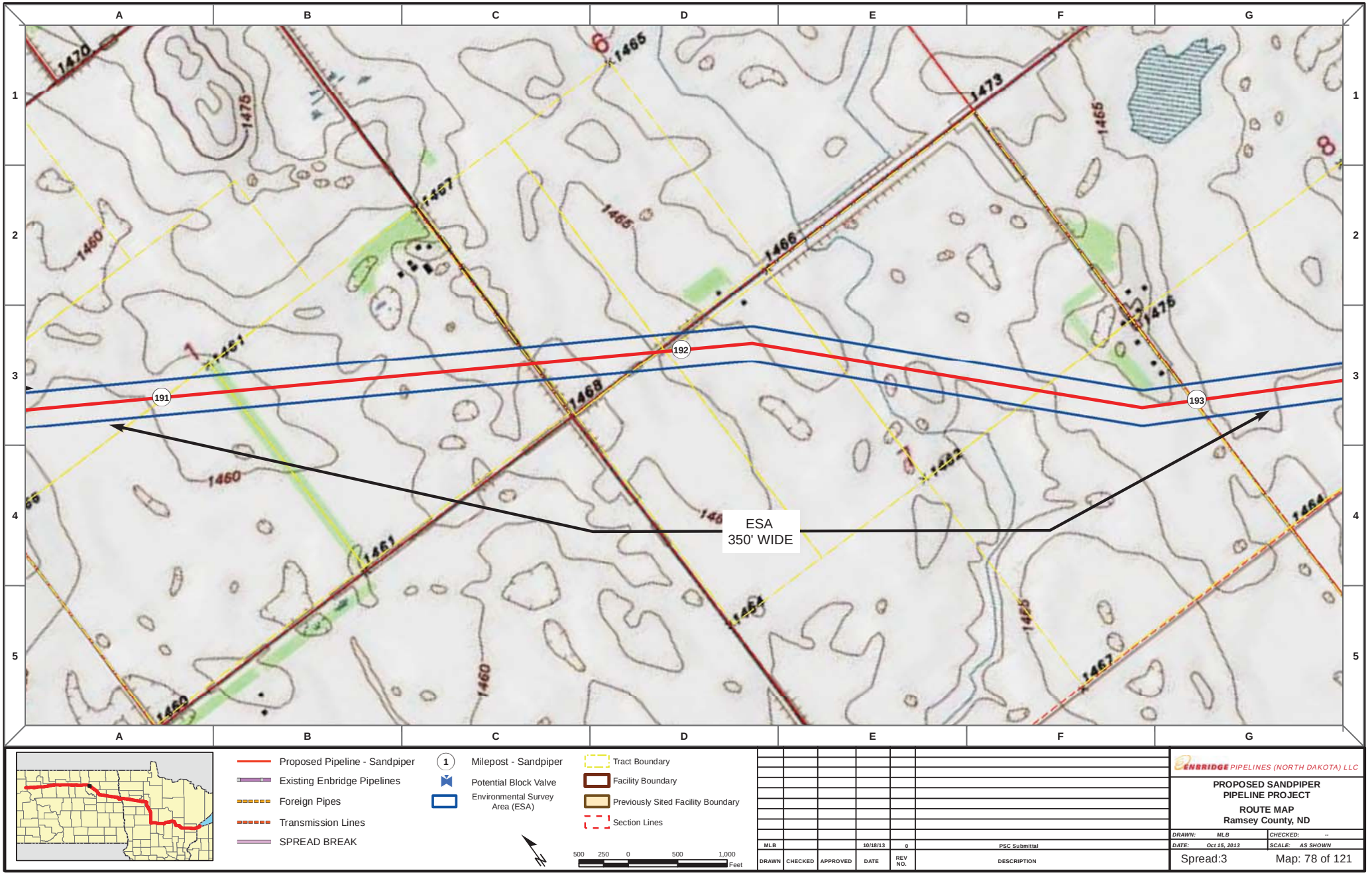
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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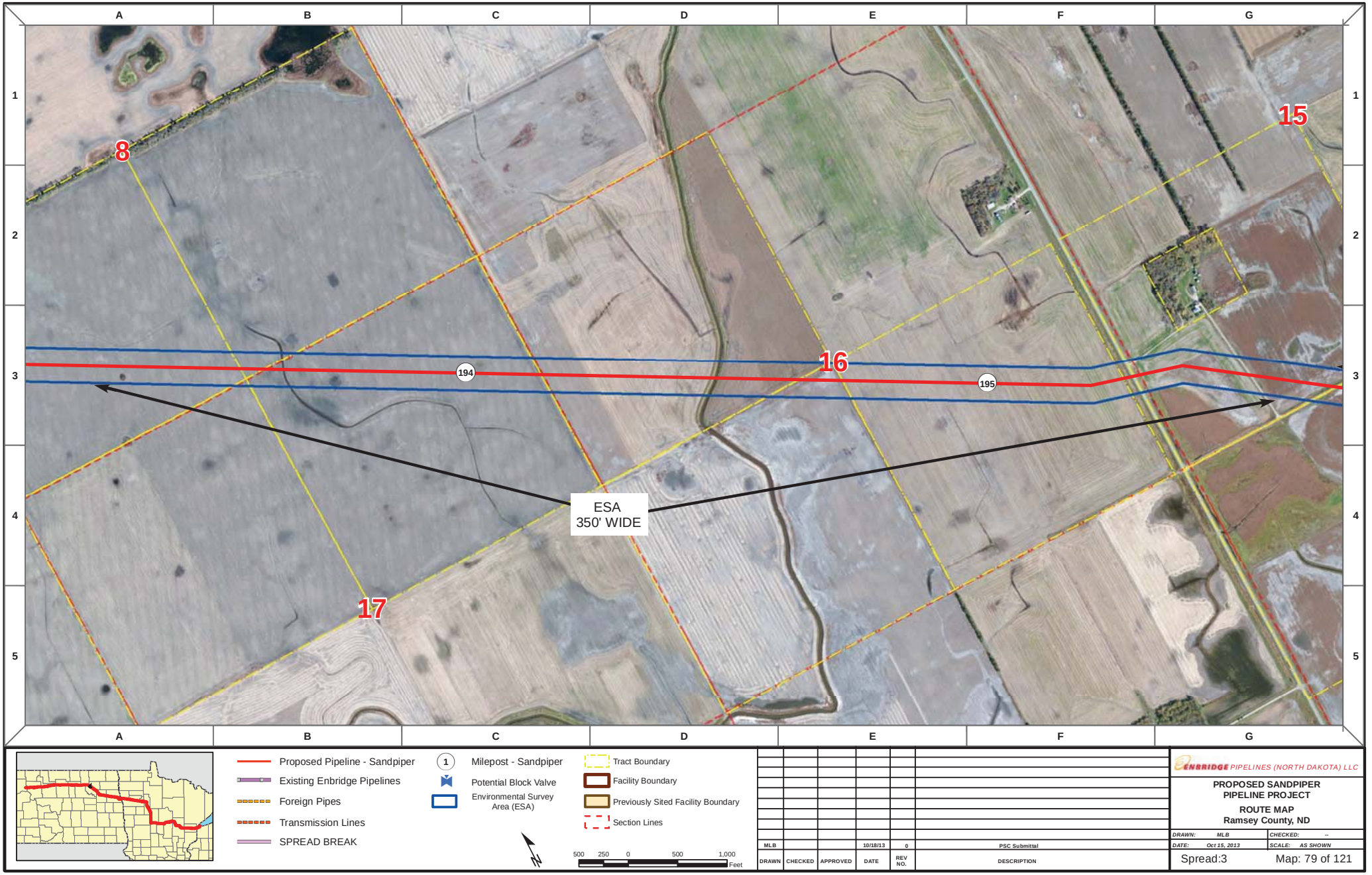
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
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Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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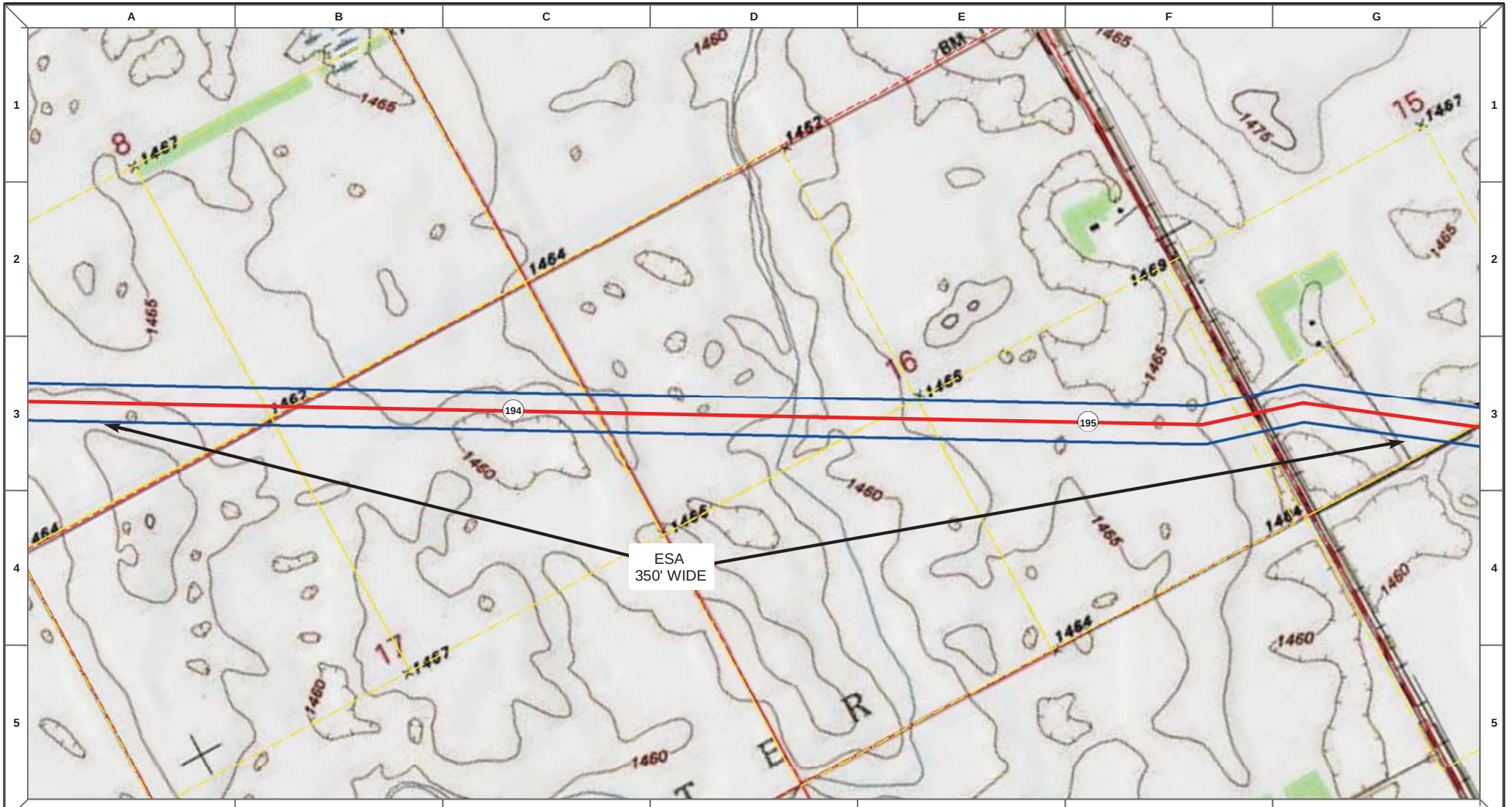
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

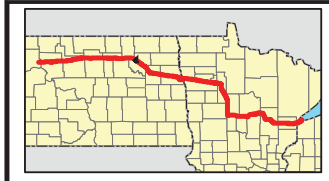
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:3 Map: 79 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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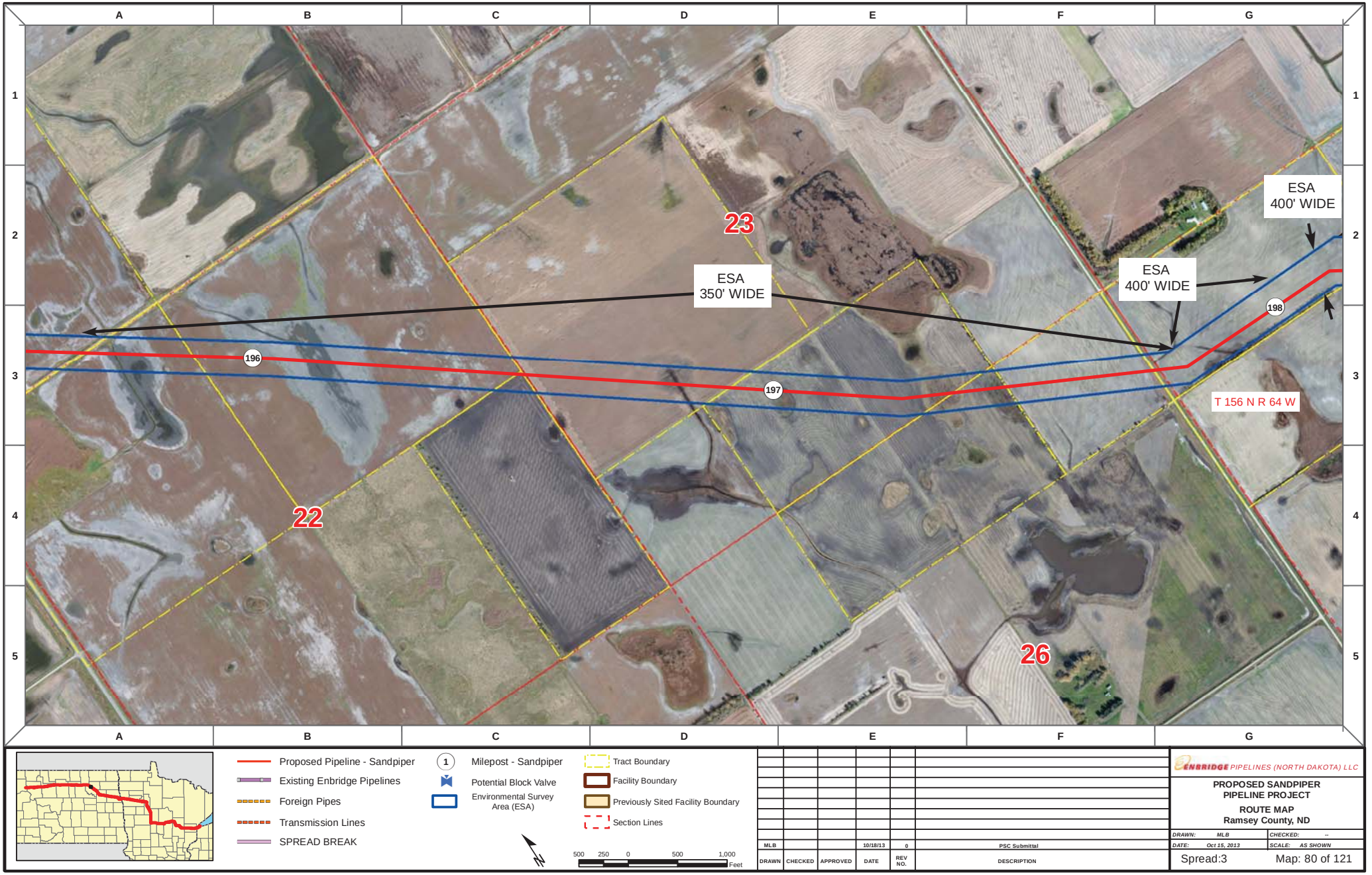
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:3 Map: 79 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
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Tract Boundary
Facility Boundary
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Section Lines

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
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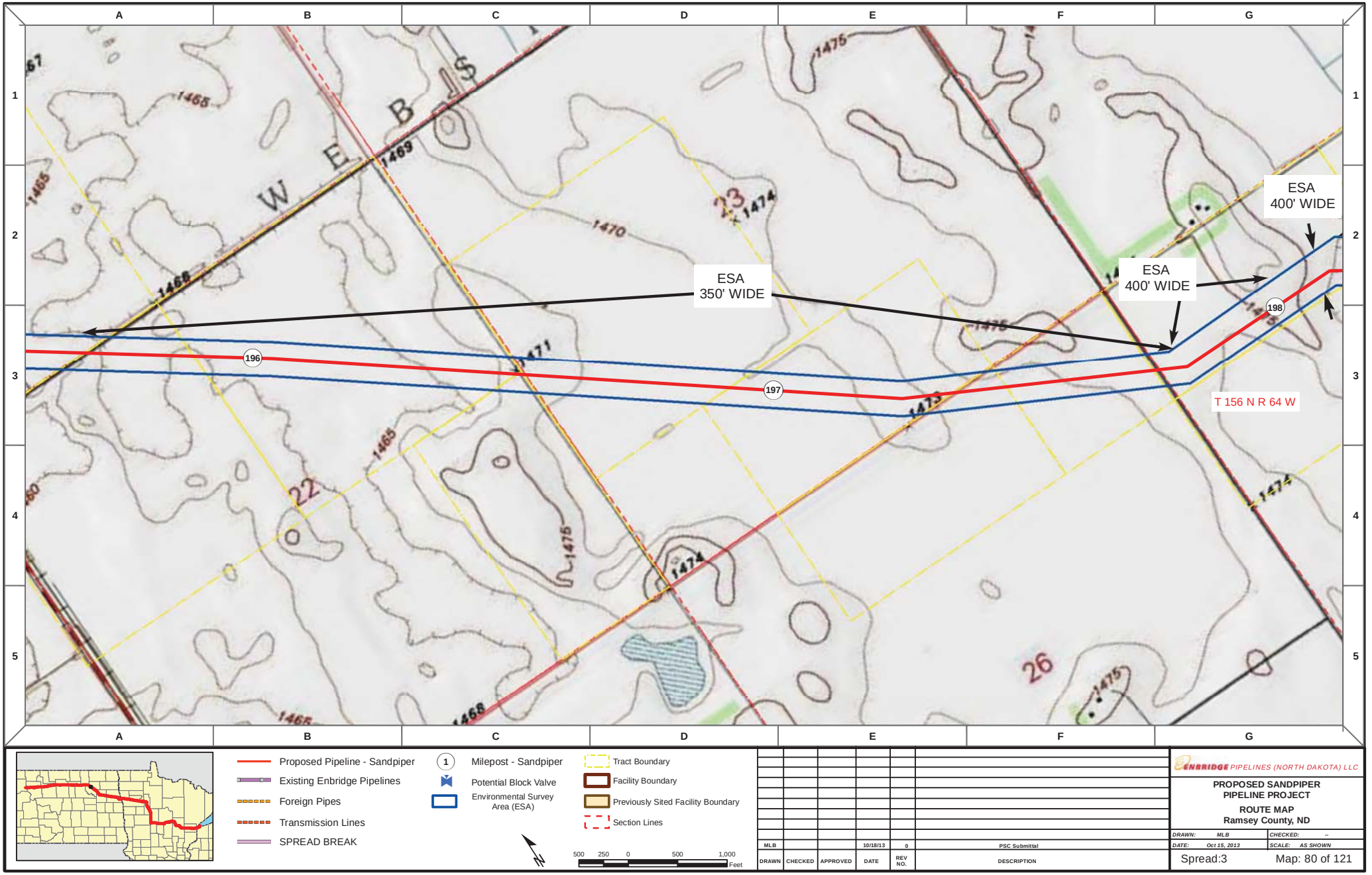
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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Section Lines

500 250 0 500 1,000 Feet

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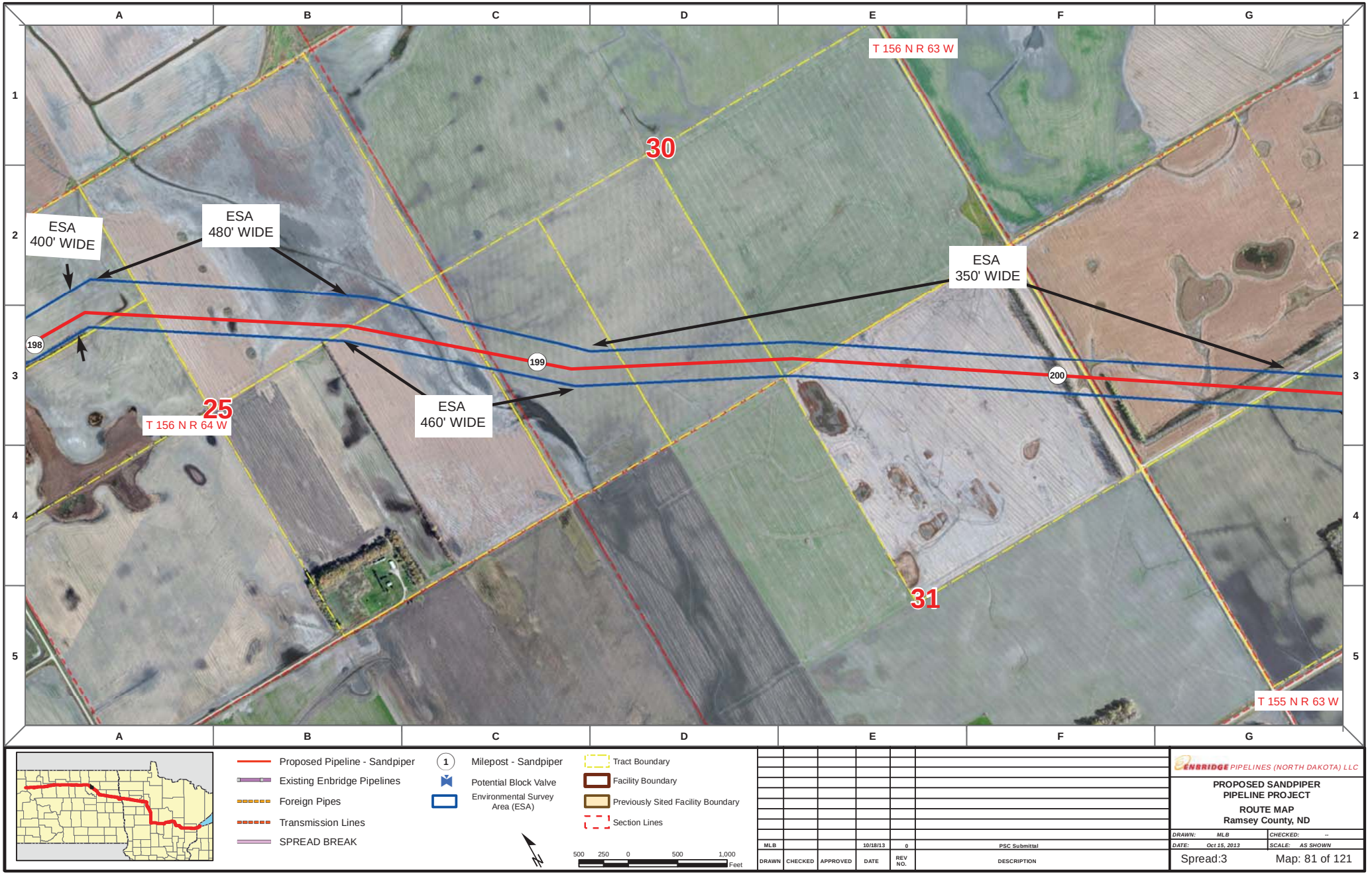
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:3 Map: 80 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
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Tract Boundary
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500 250 0 500 1,000 Feet

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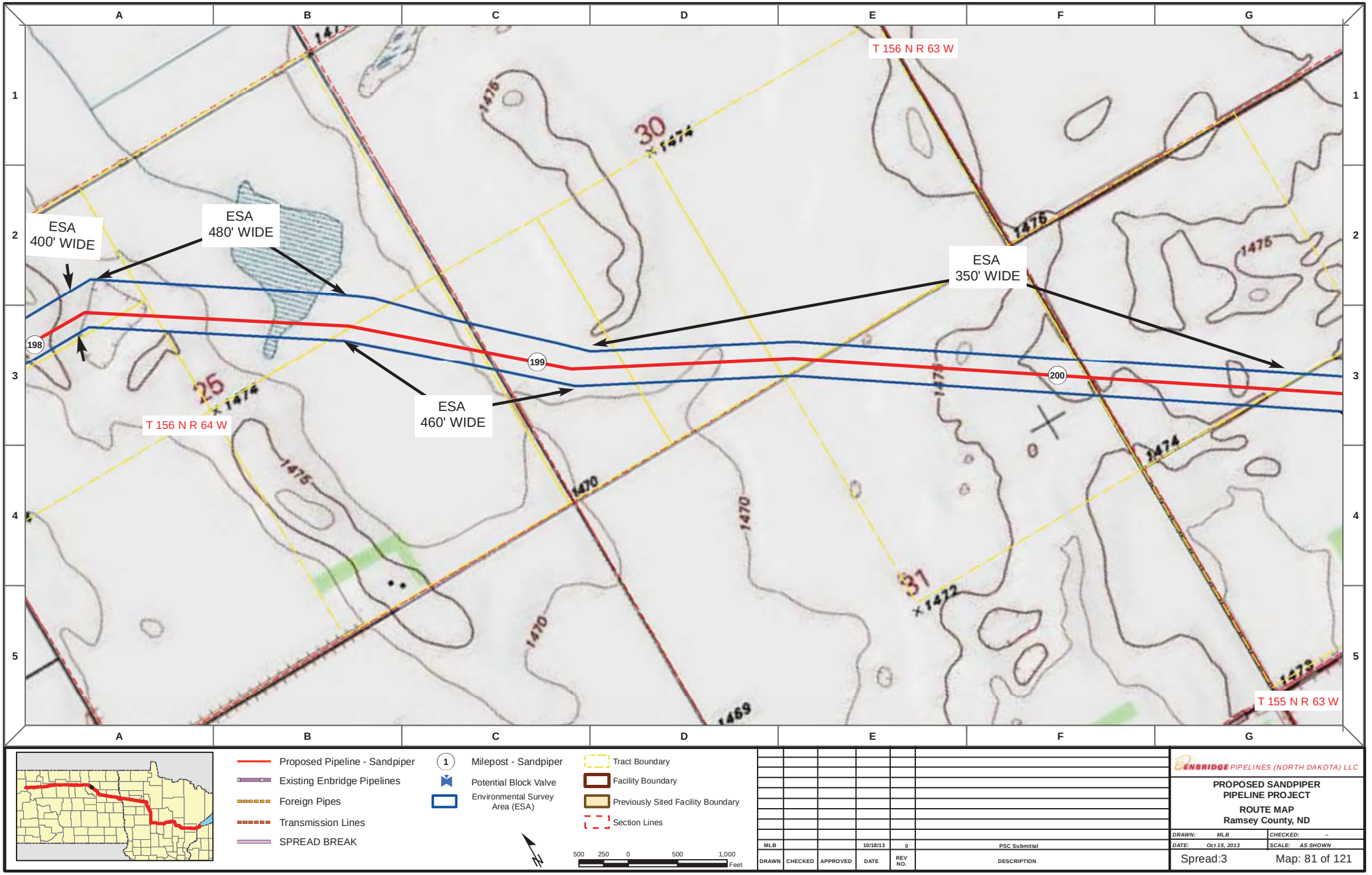
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

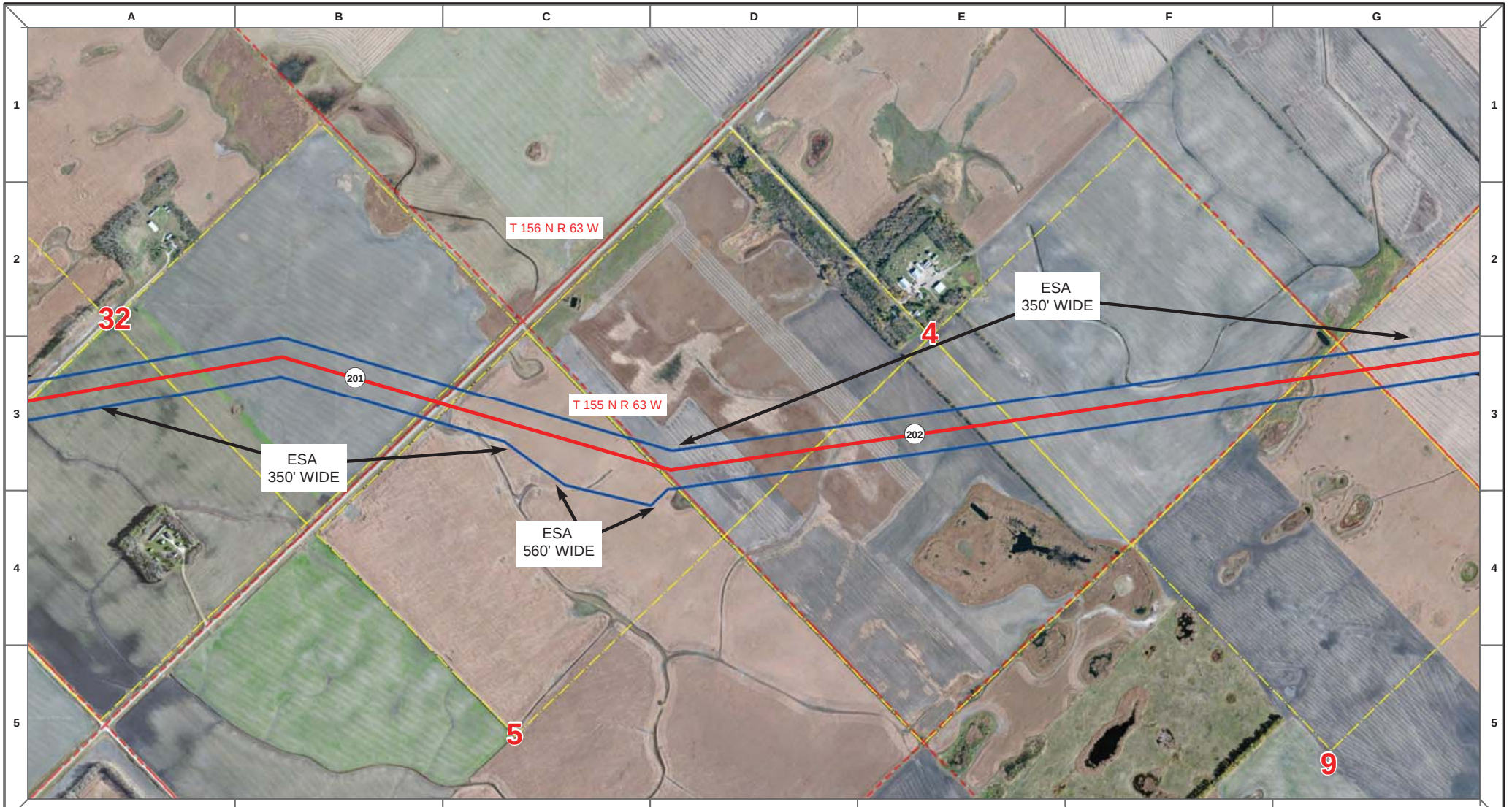
PROPOSED SANDPIPER PIPELINE PROJECT

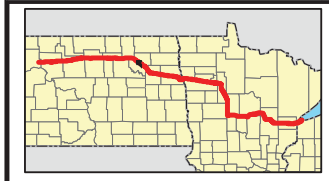
ROUTE MAP
Ramsey County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:3 Map: 81 of 121


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T 156 N R 63 W
T 156 N R 64 W
T 155 N R 63 W
ESA
400' WIDE
ESA
480' WIDE
ESA
350' WIDE
ESA
460' WIDE
198
199
200
30
25
31
1474
1475
1470
1469
1472
Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
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Transmission Lines
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500 250 0 500 1,000
Feet
MLB
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0
PSC Submittal
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ENBRIDGE PIPELINES (NORTH DAKOTA) LLC
PROPOSED SANDPIPER PIPELINE PROJECT
ROUTE MAP
Ramsey County, ND
DRAWN: MLB
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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

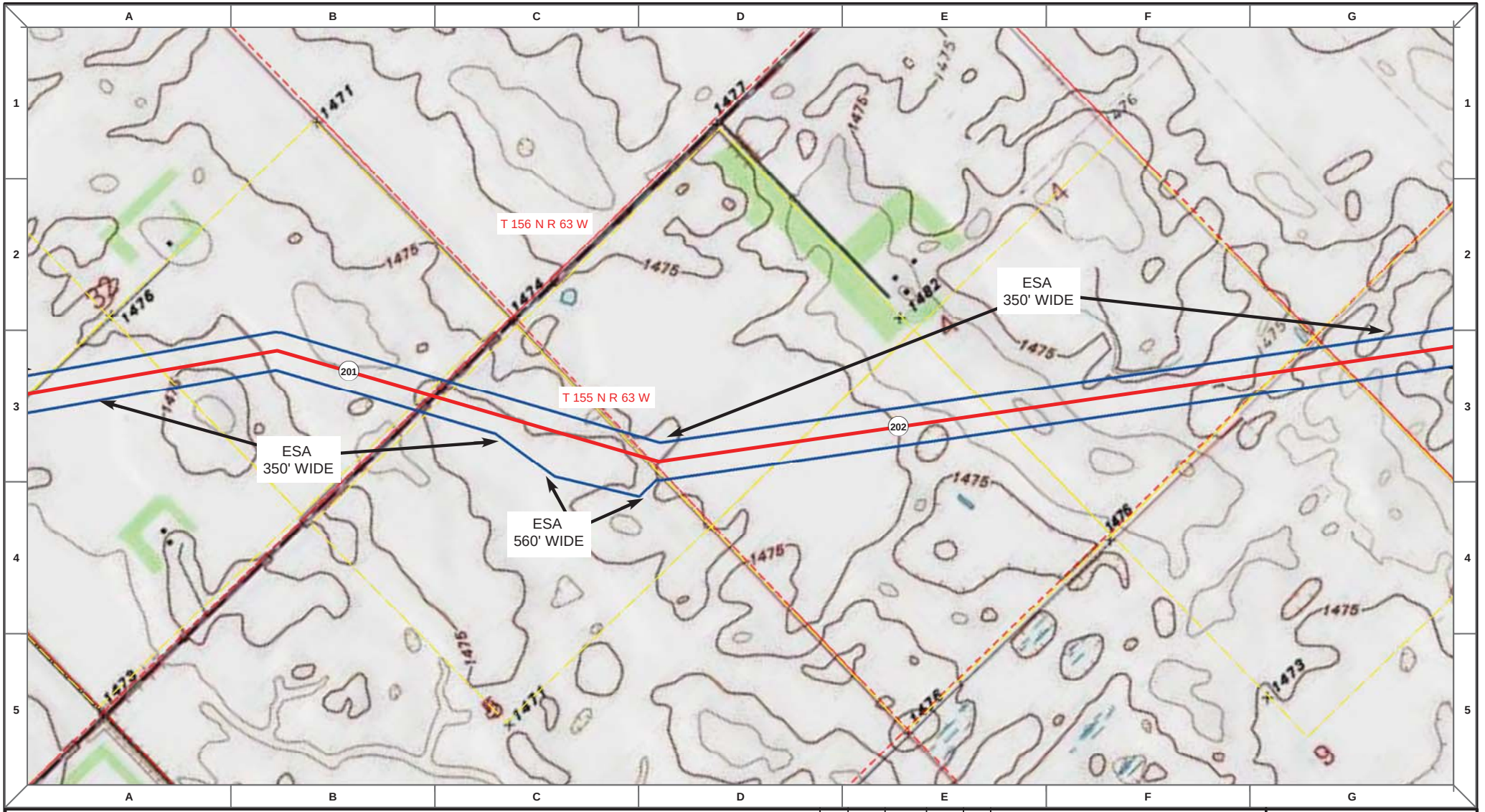
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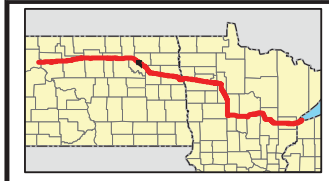
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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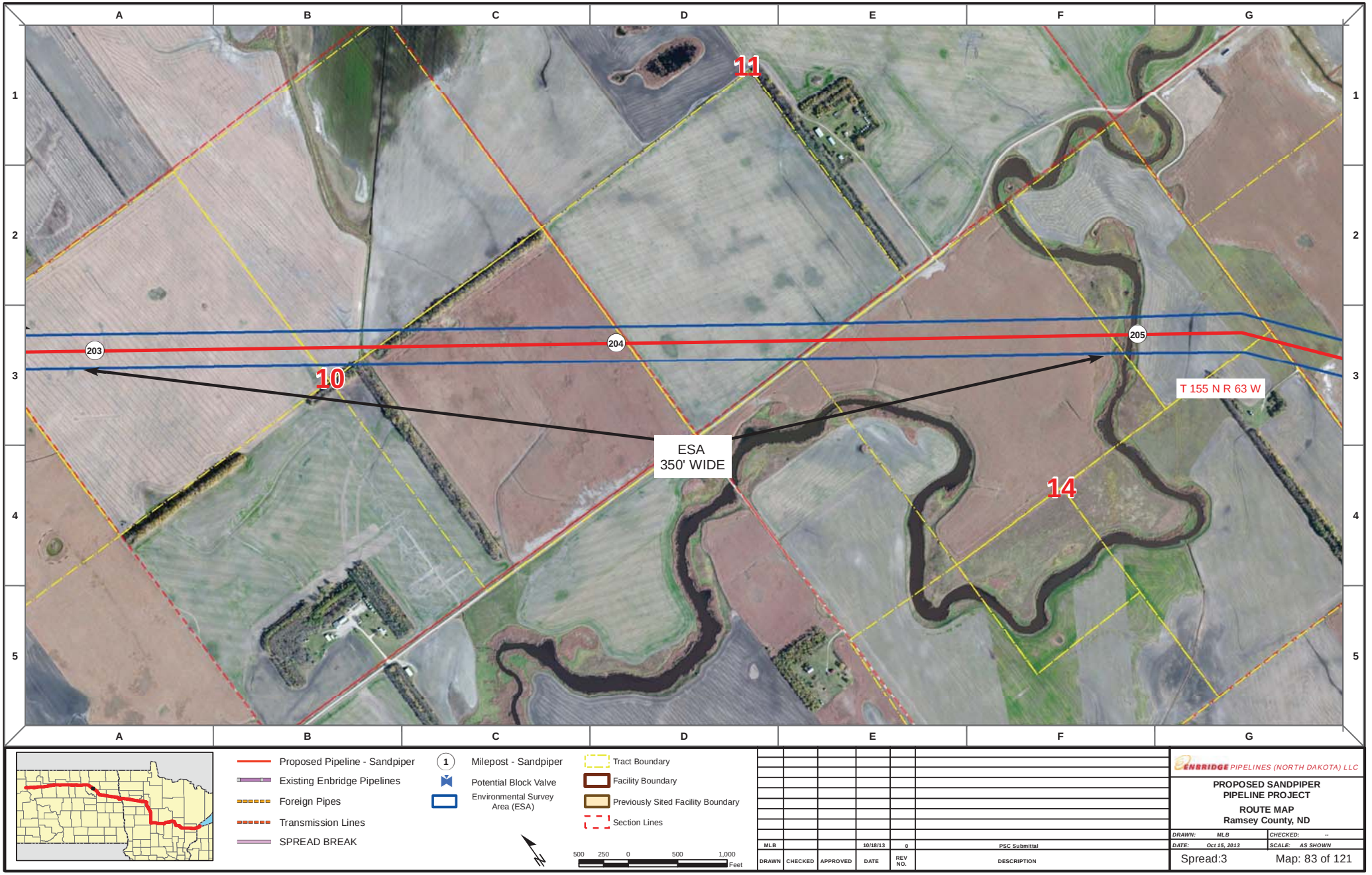
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
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Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
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Tract Boundary
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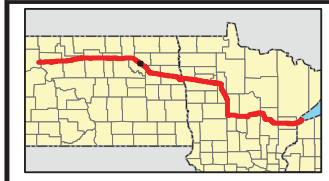
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

DRAWN: MLB CHECKED: --
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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
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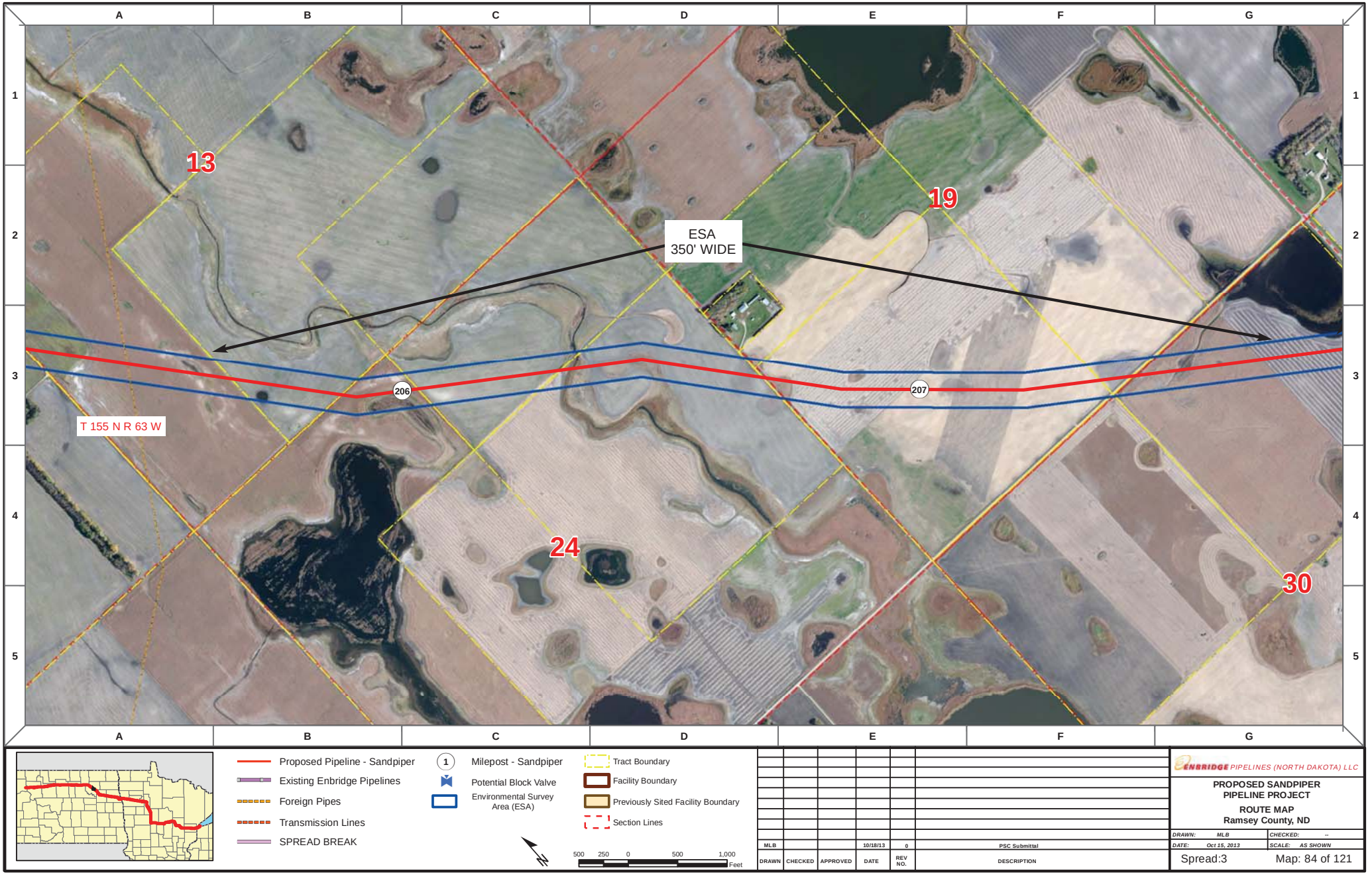
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PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

DRAWN: MLB	CHECKED: --
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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
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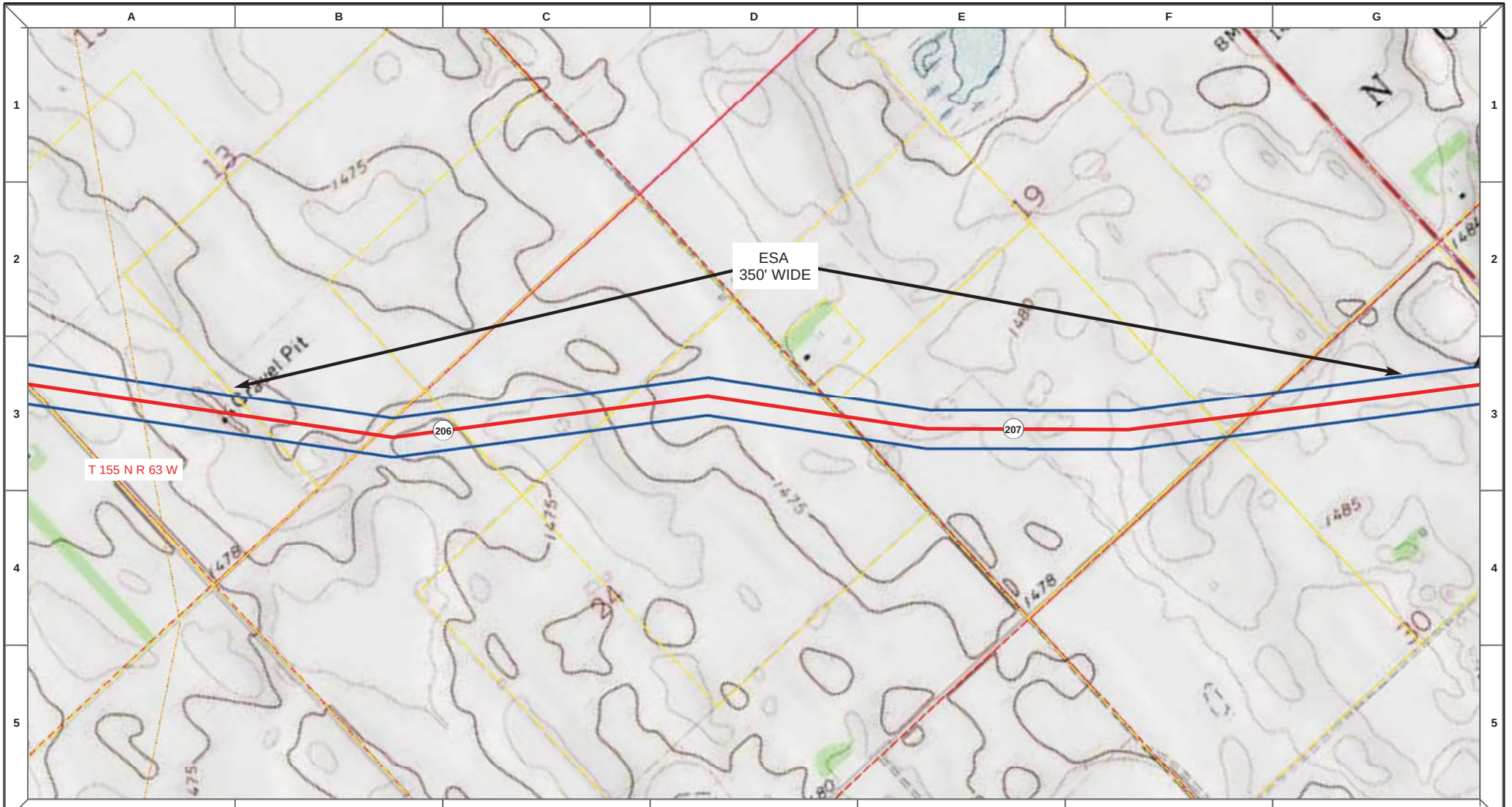
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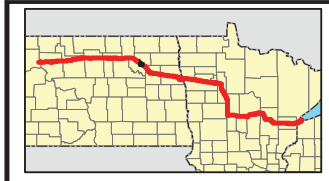
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
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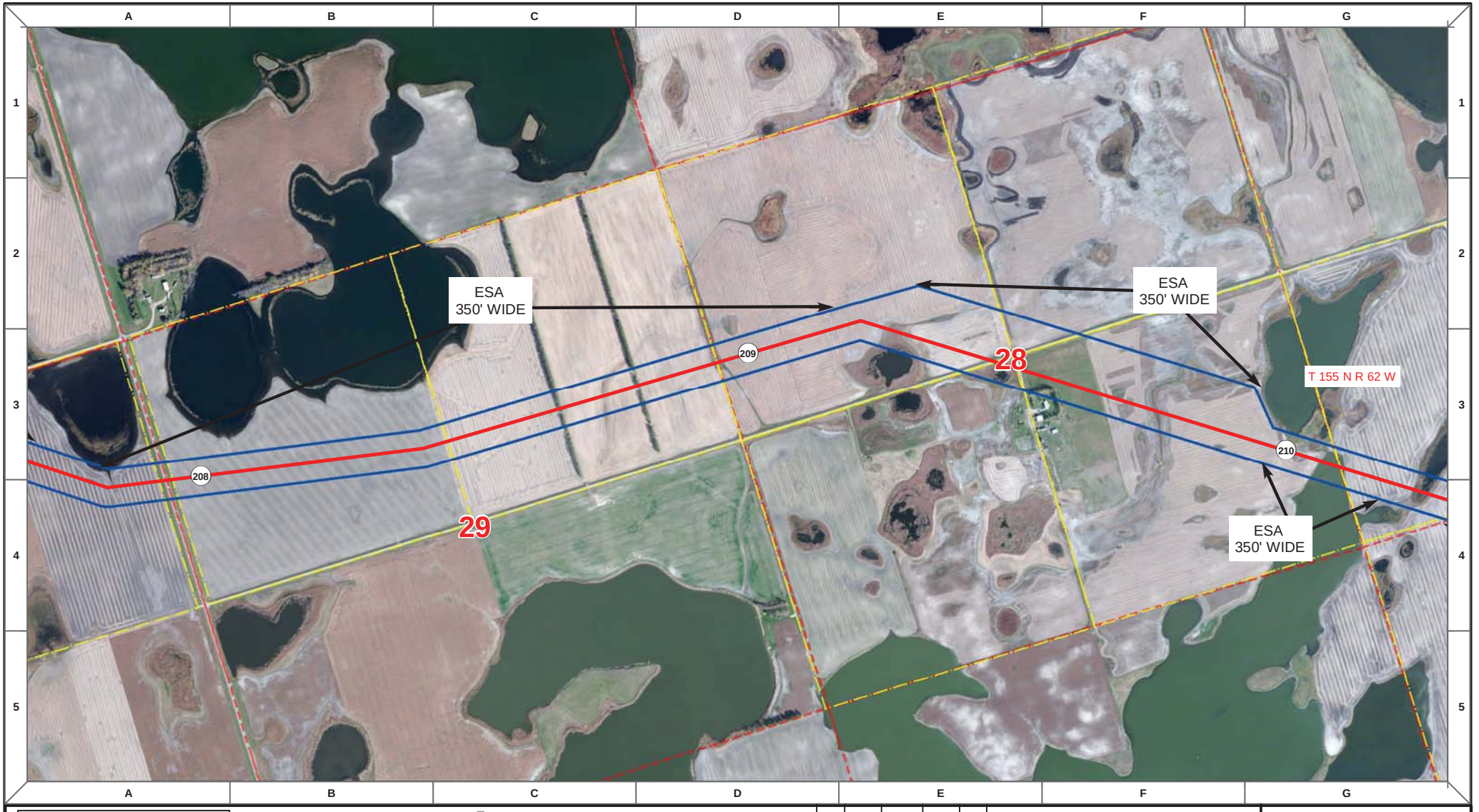
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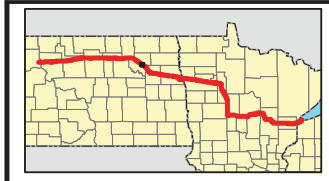
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

DRAWN: MLB CHECKED: --
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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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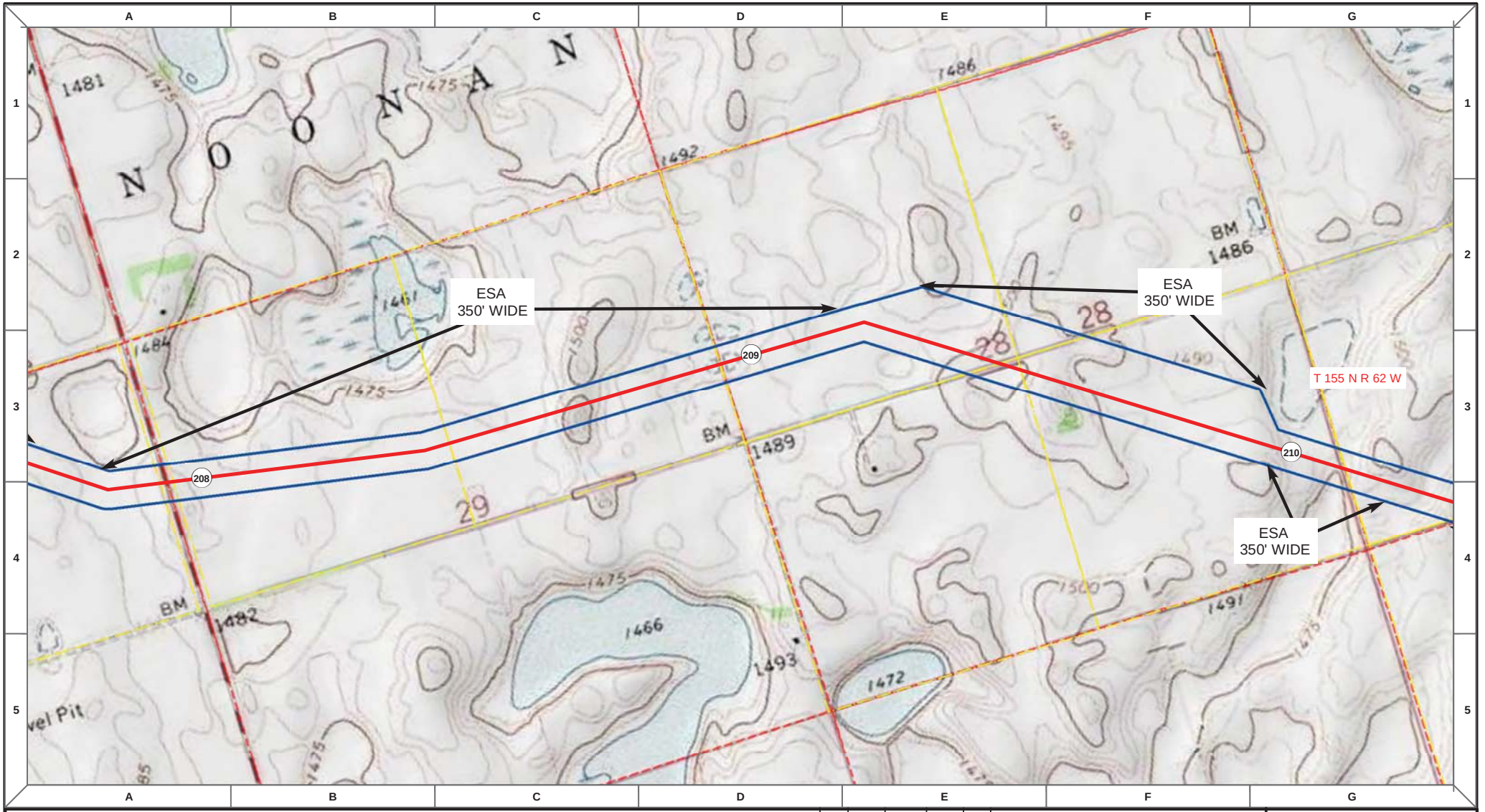
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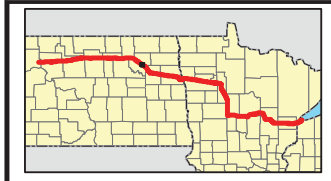
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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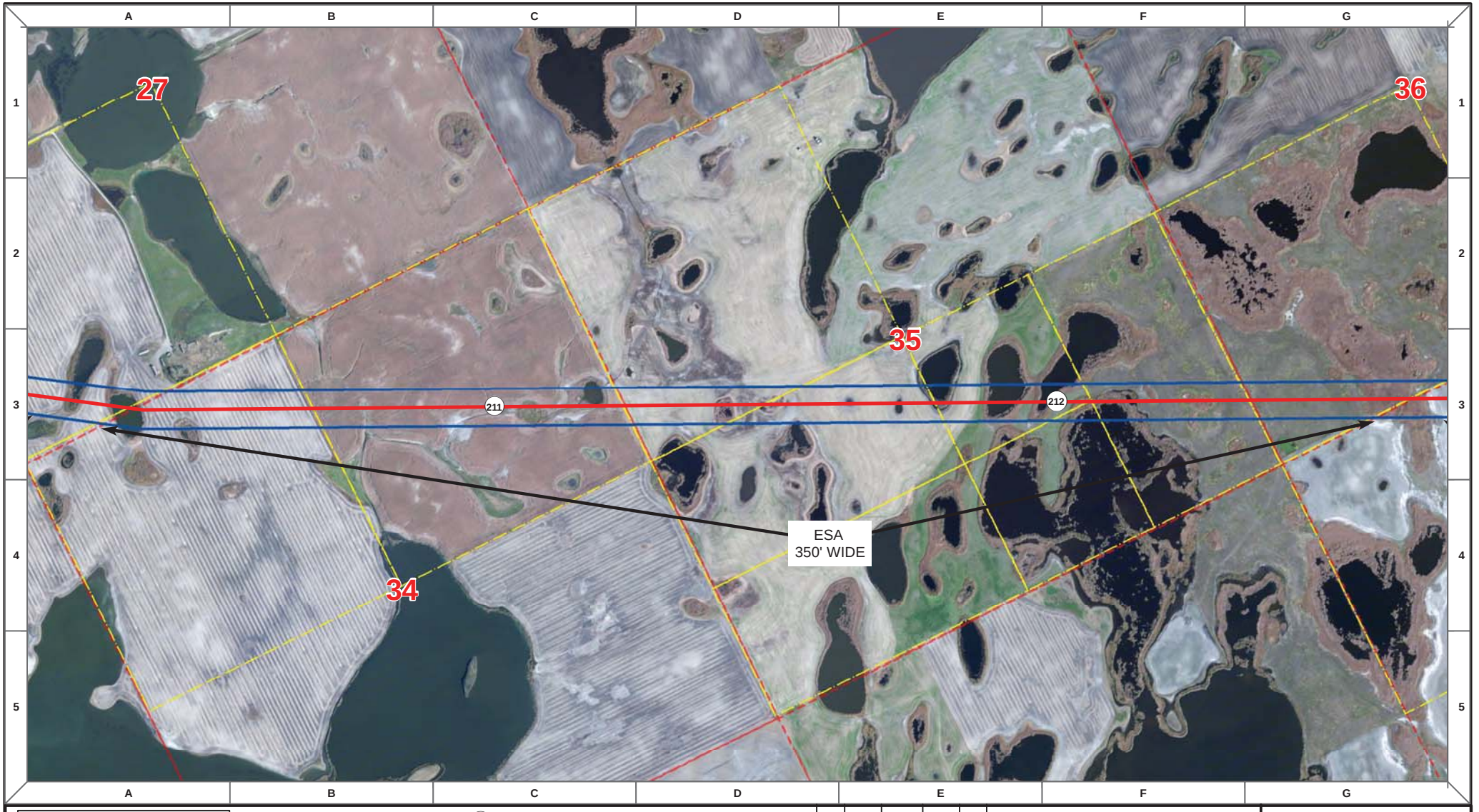
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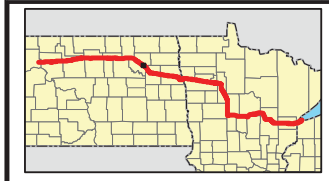
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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500 250 0 500 1,000 Feet

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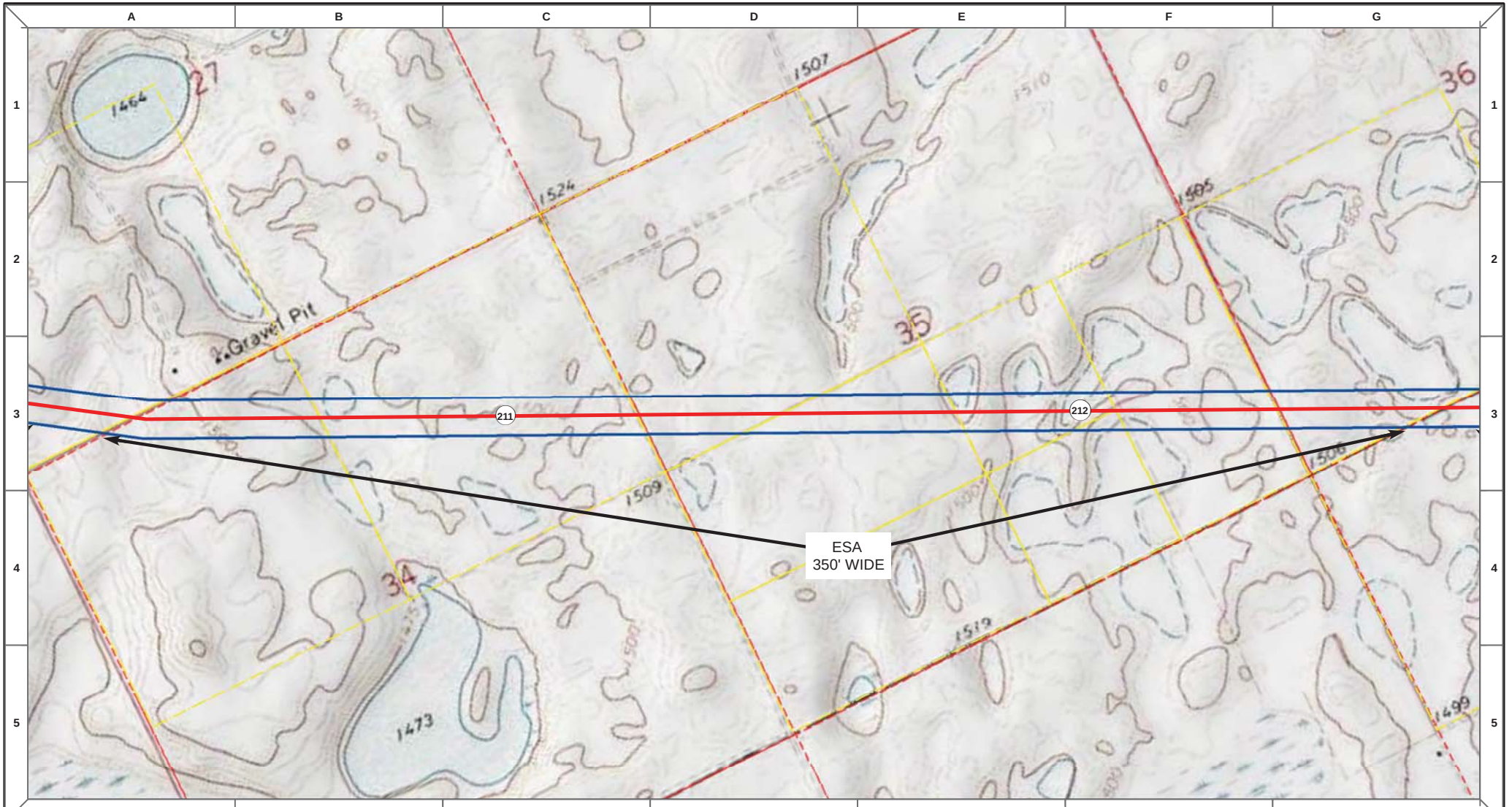
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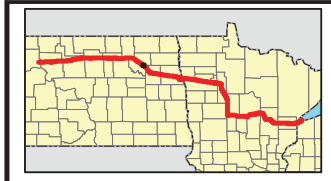
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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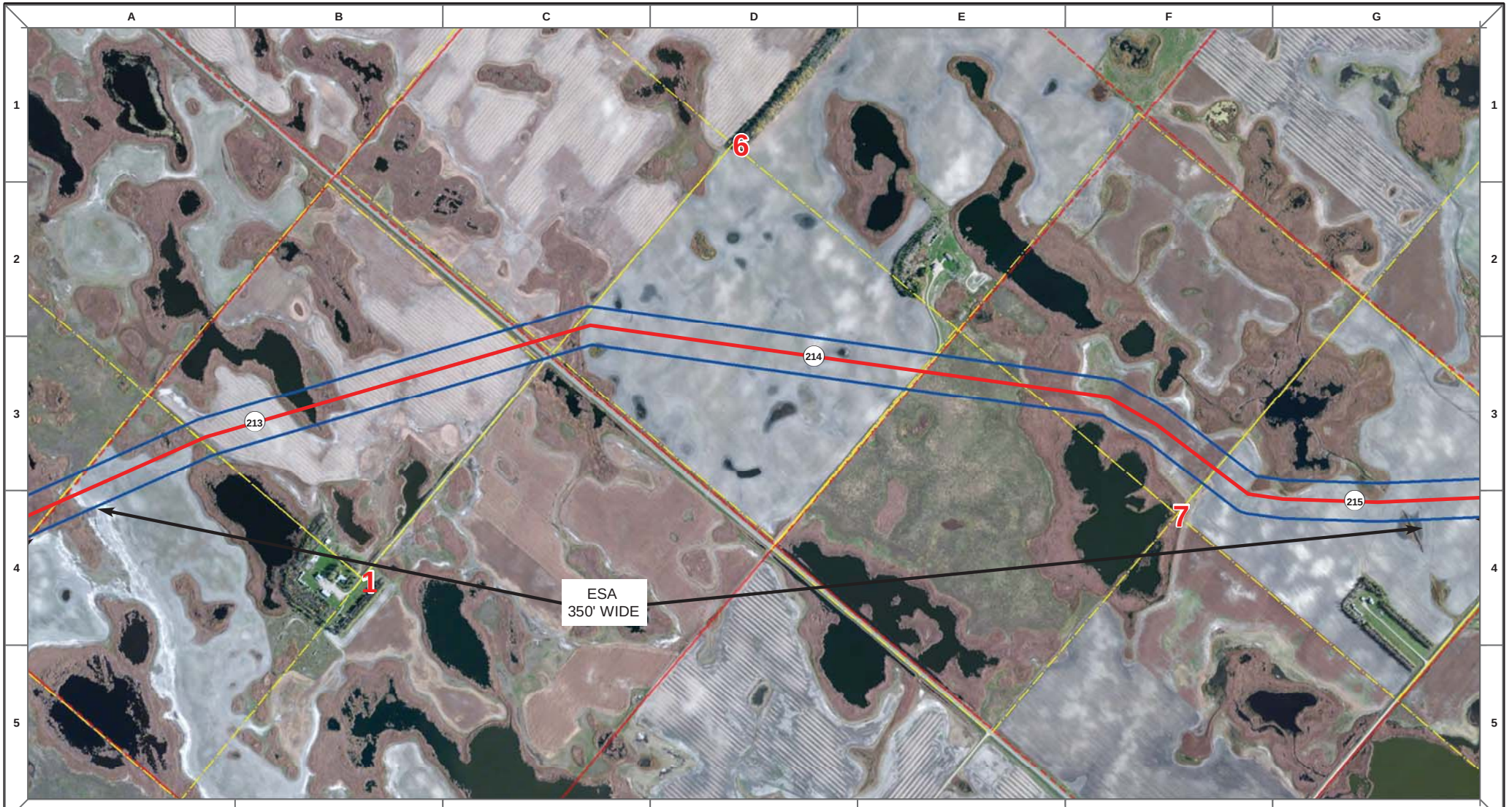
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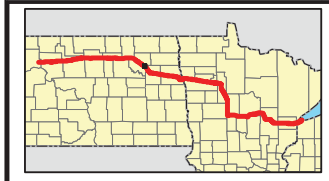
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
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Tract Boundary
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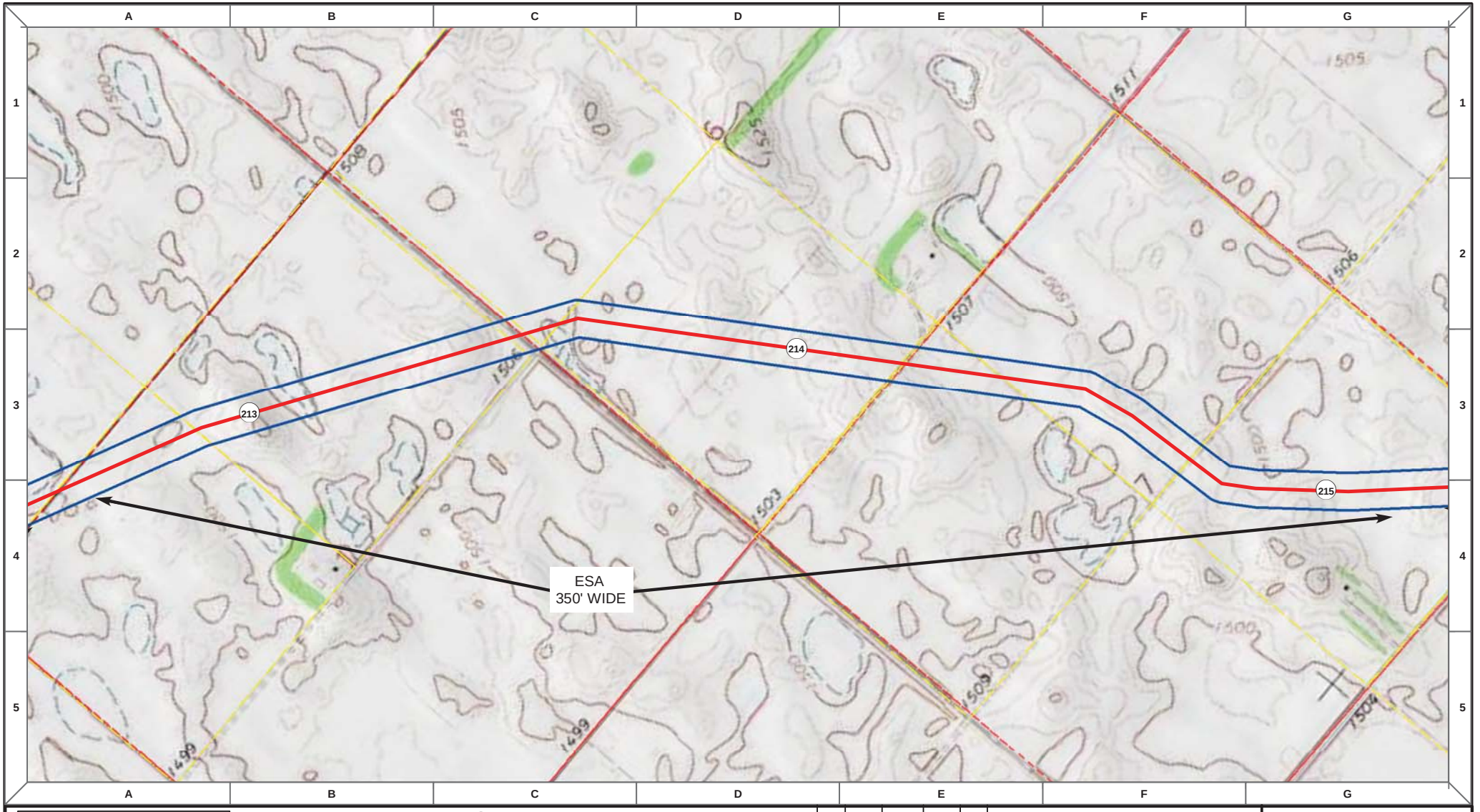
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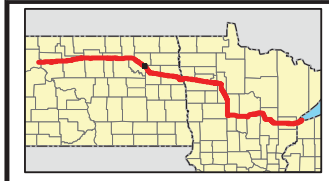
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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Section Lines

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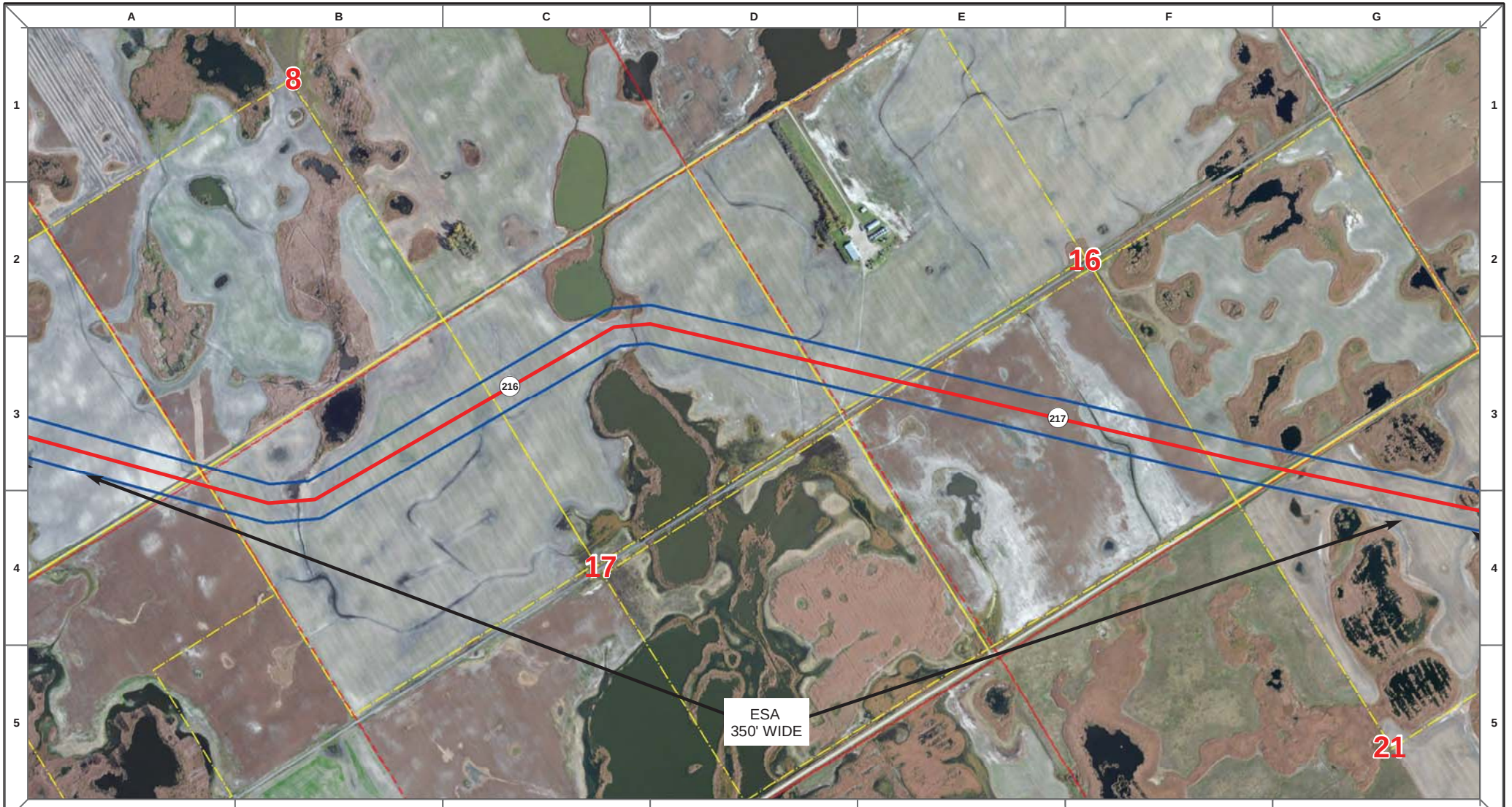
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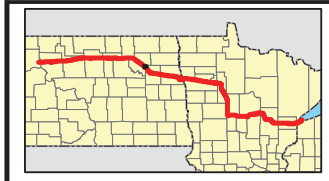
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
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Tract Boundary
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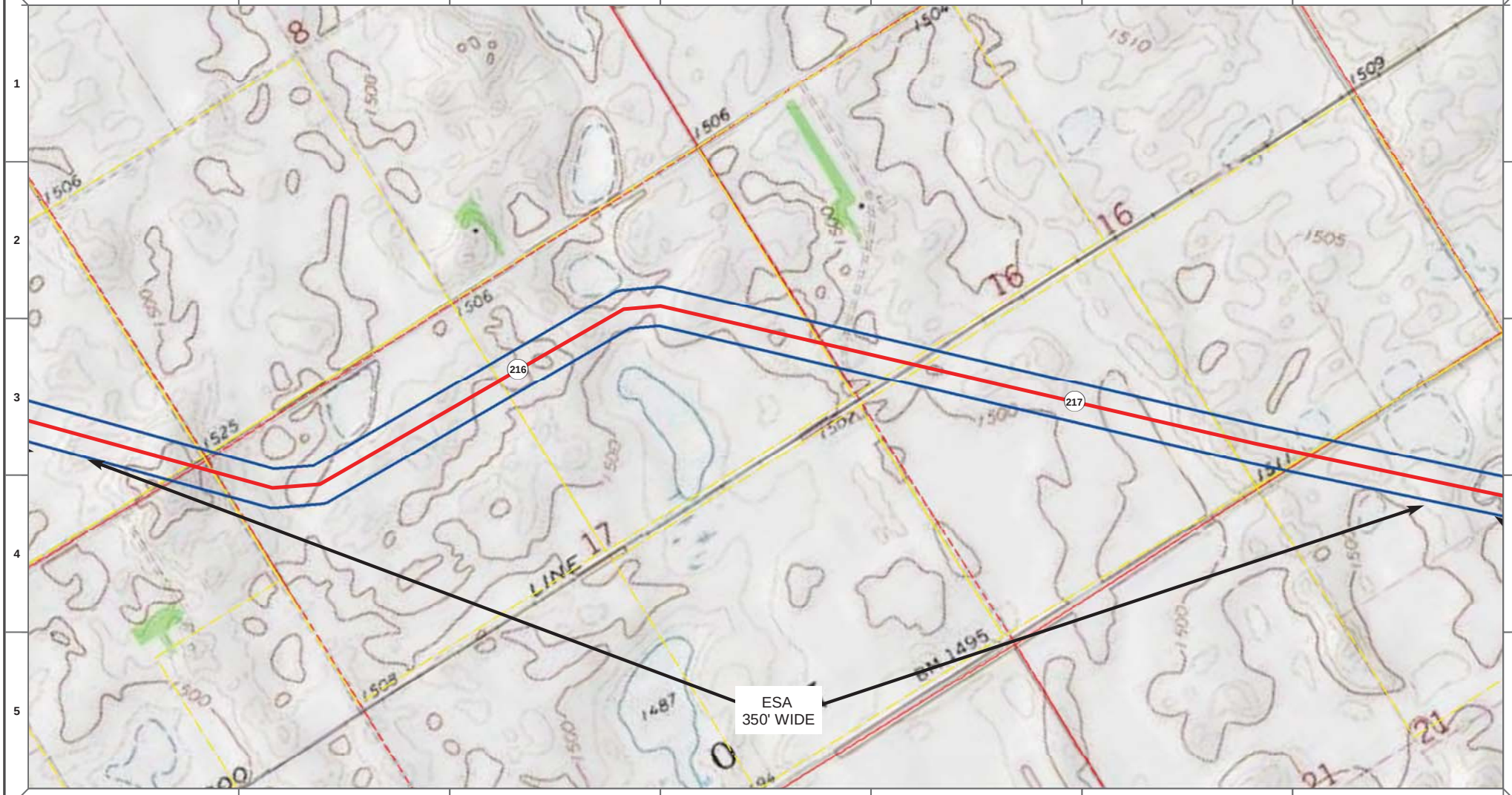
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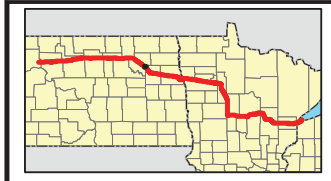
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
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Section Lines

500 250 0 500 1,000 Feet

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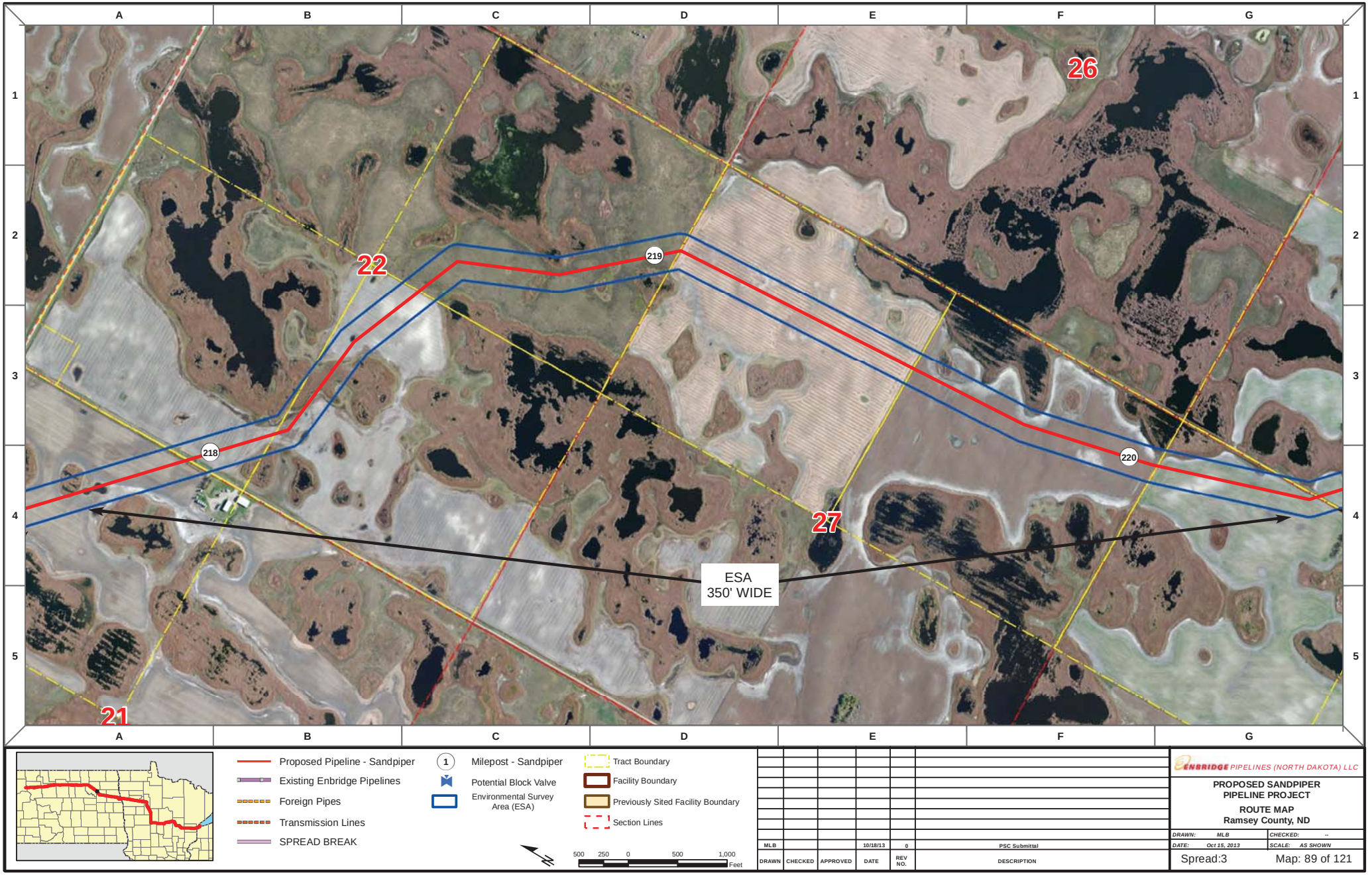
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

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DATE: Oct 15, 2013	SCALE: AS SHOWN

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
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SPREAD BREAK

1 Milepost - Sandpiper
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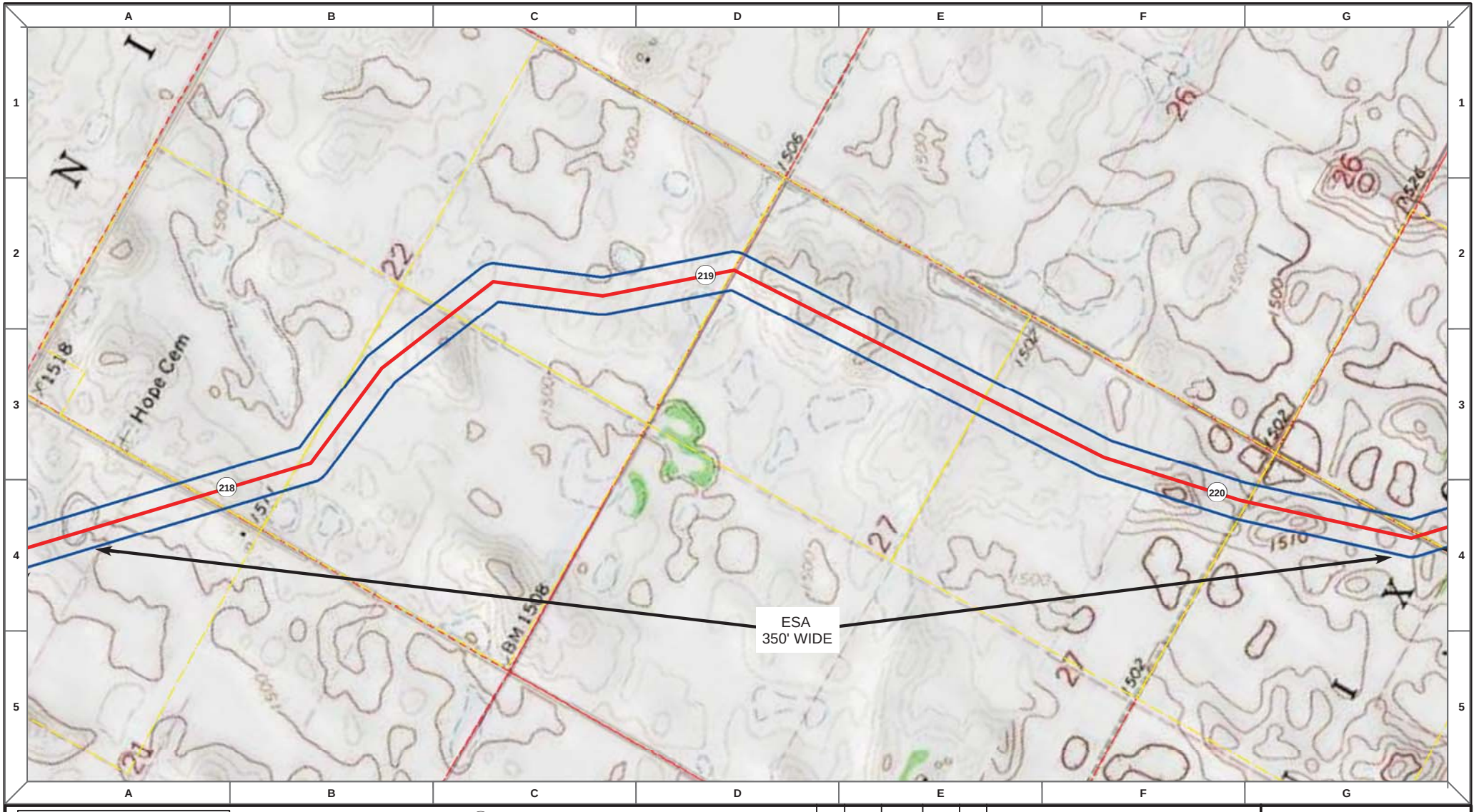
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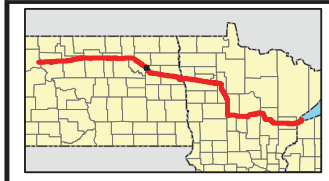
PROPOSED SANDPIPER PIPELINE PROJECT

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Ramsey County, ND

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Proposed Pipeline - Sandpiper
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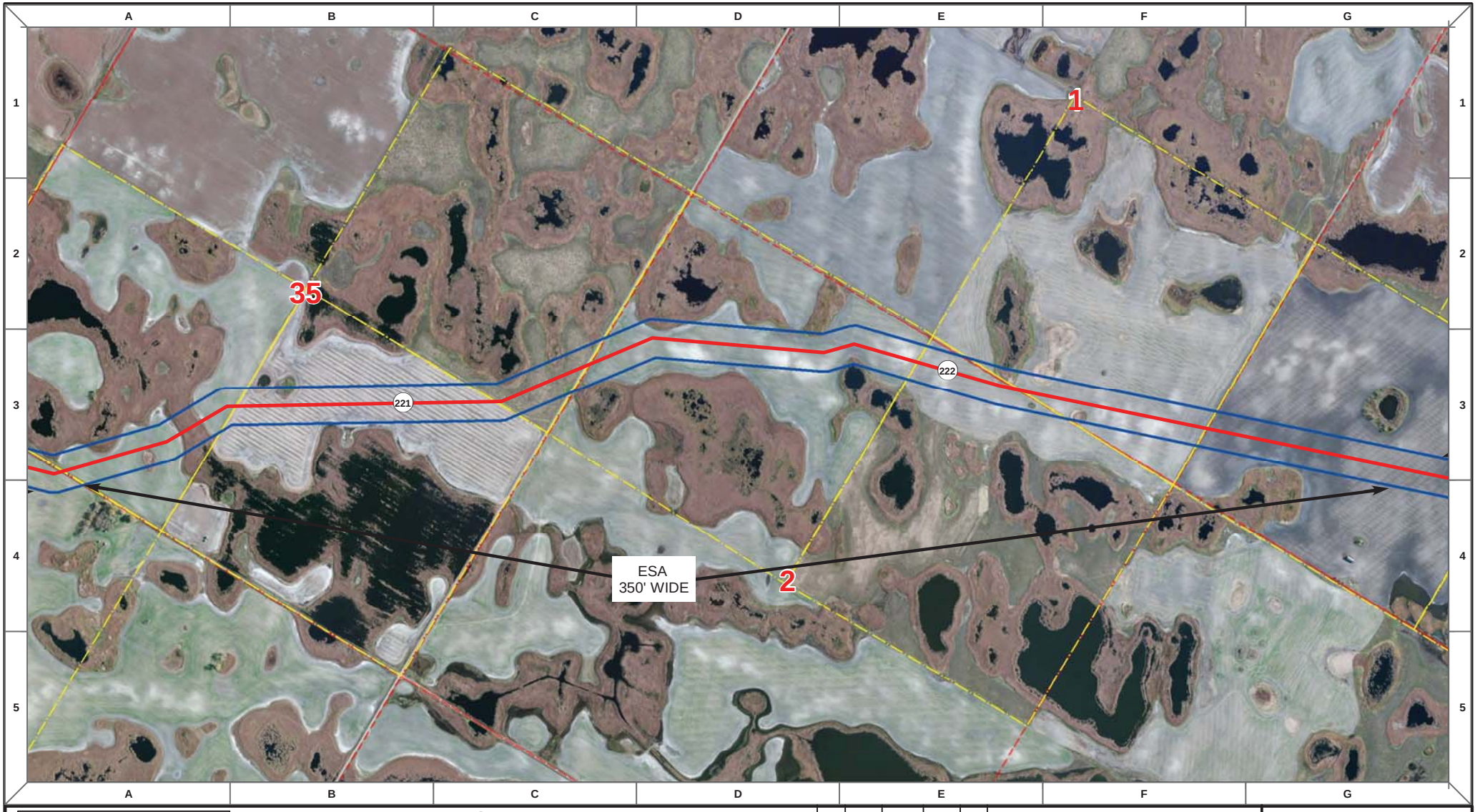
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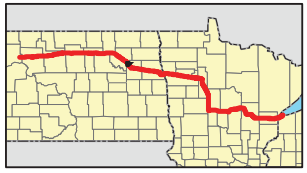
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
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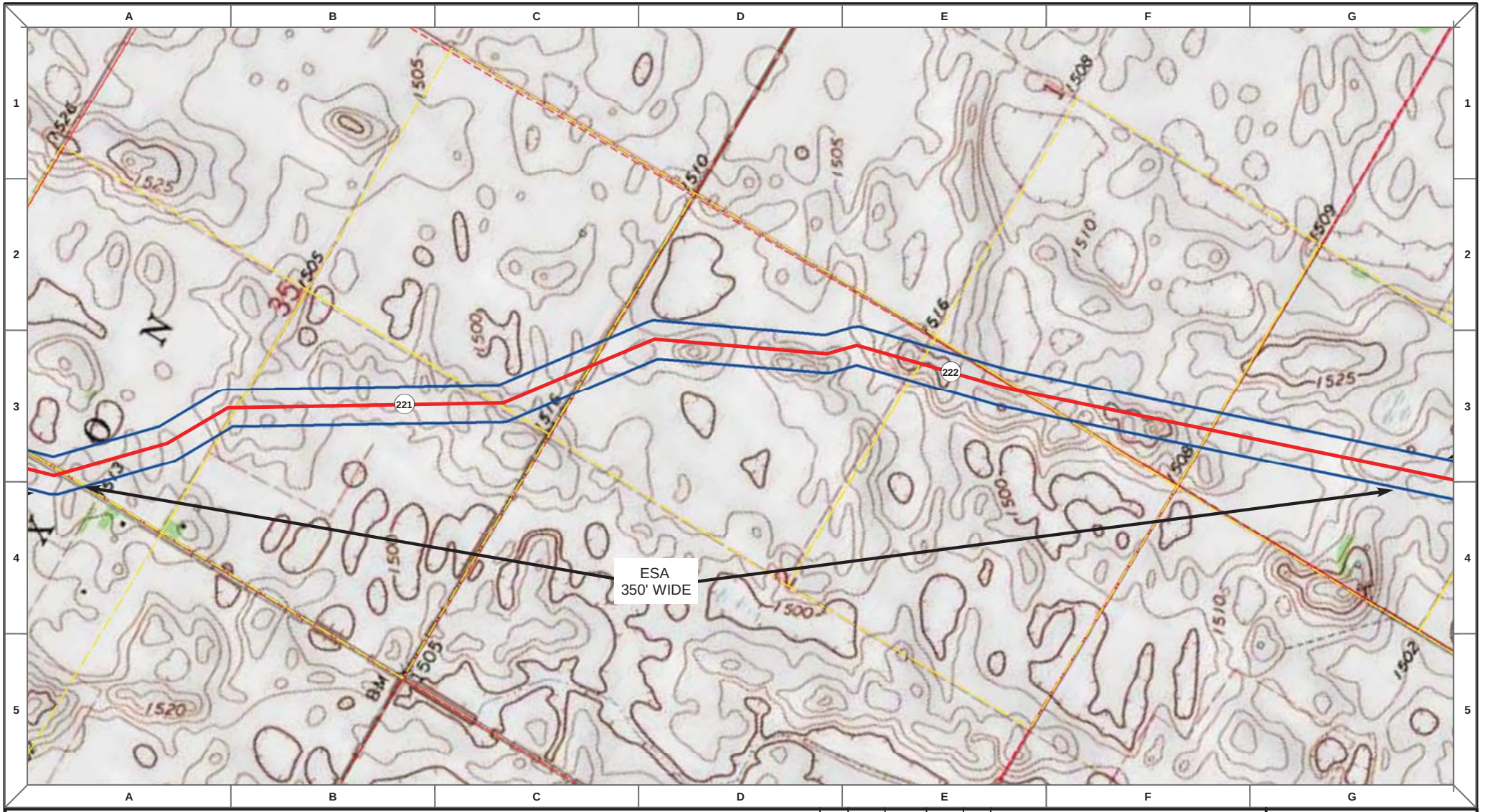
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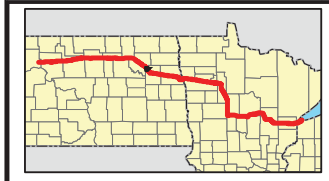
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
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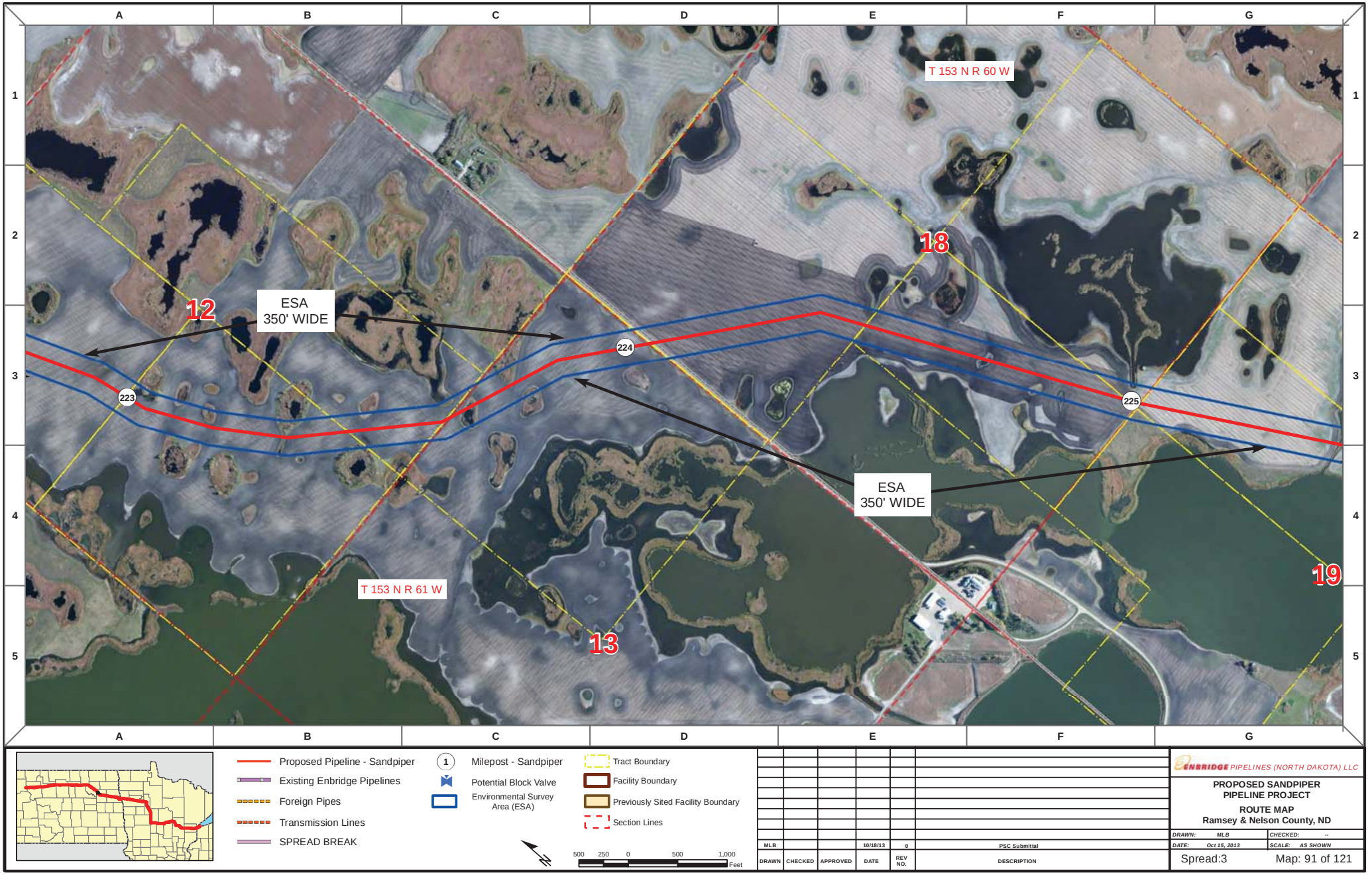
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:3 Map: 90 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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MLB			10/18/13	0	PSC Submittal

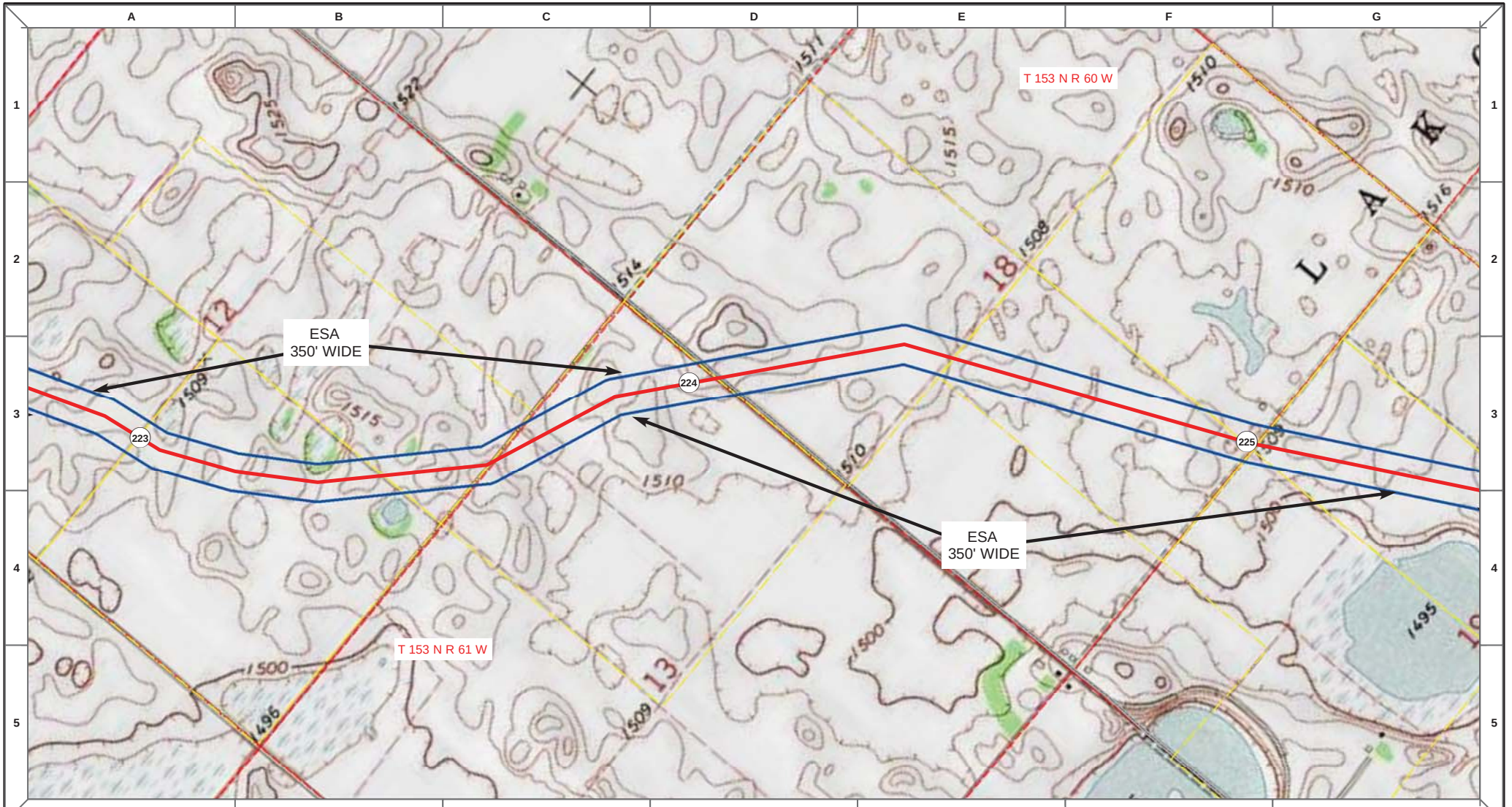
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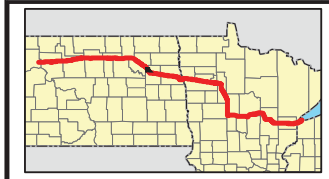
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey & Nelson County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:3 Map: 91 of 121





Proposed Pipeline - Sandpiper
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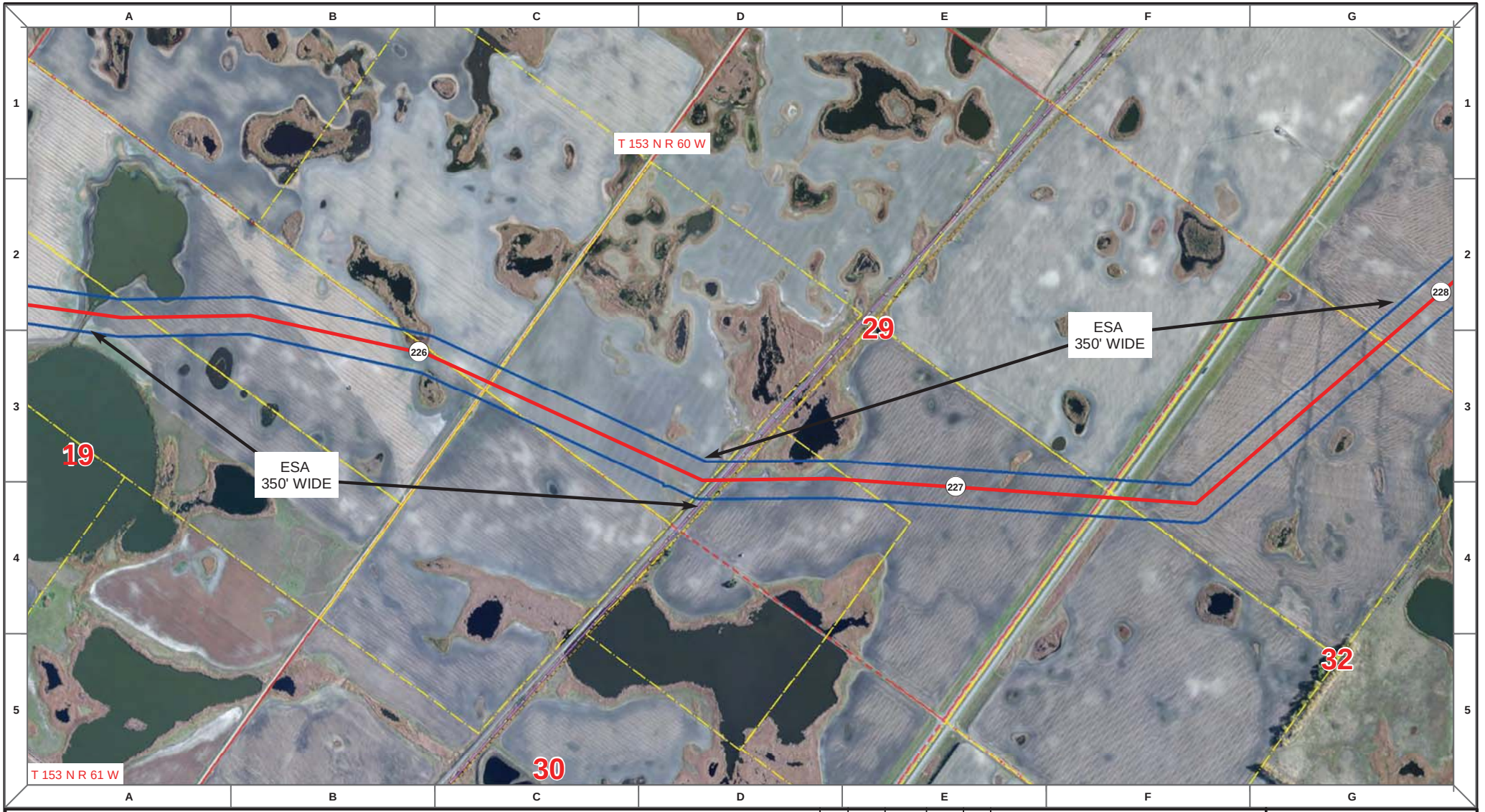
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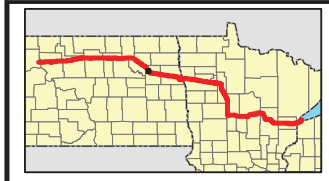
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ROUTE MAP
Ramsey & Nelson County, ND

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Proposed Pipeline - Sandpiper
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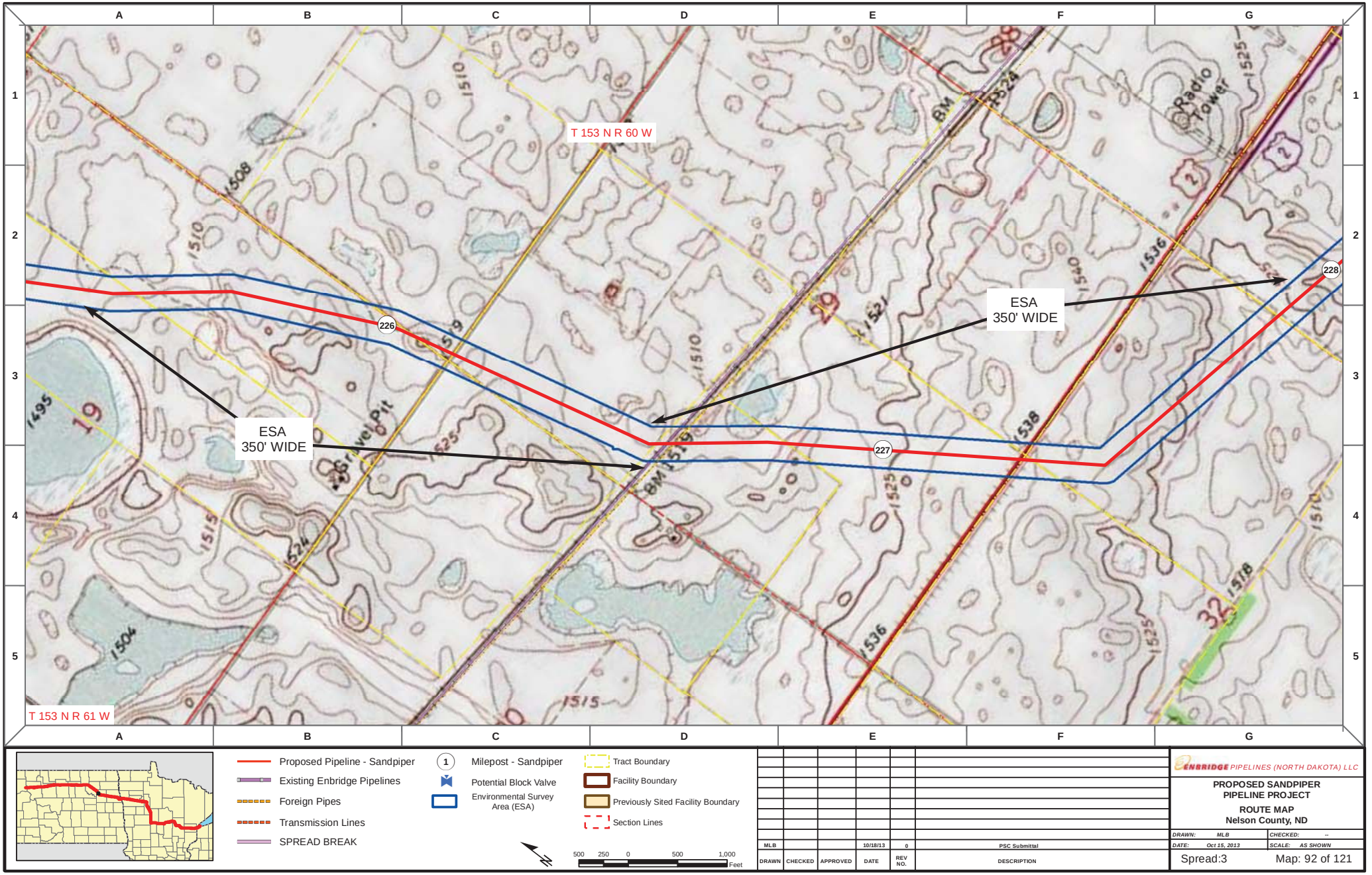
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PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Nelson County, ND

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Proposed Pipeline - Sandpiper
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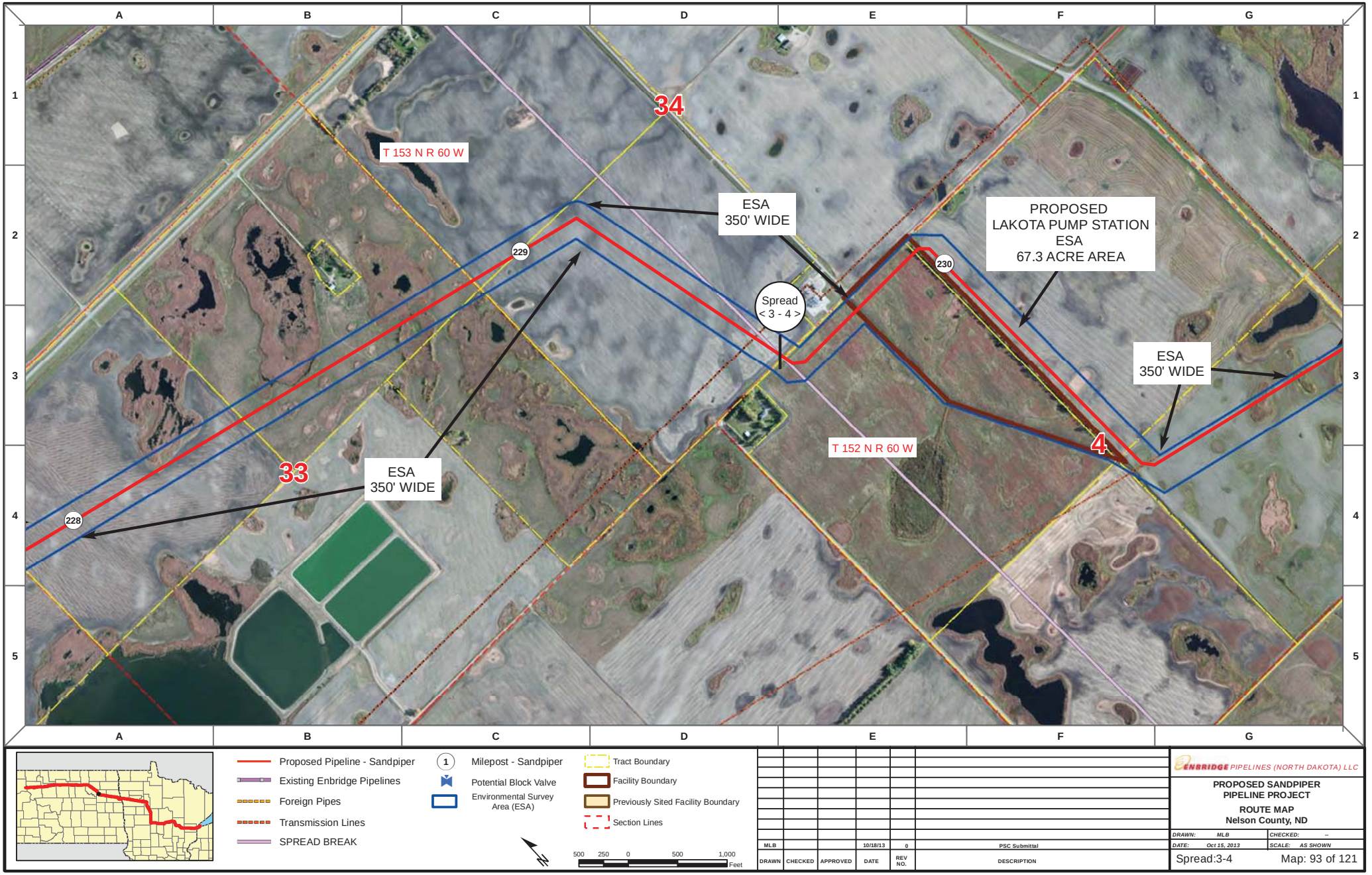
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Nelson County, ND

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Proposed Pipeline - Sandpiper
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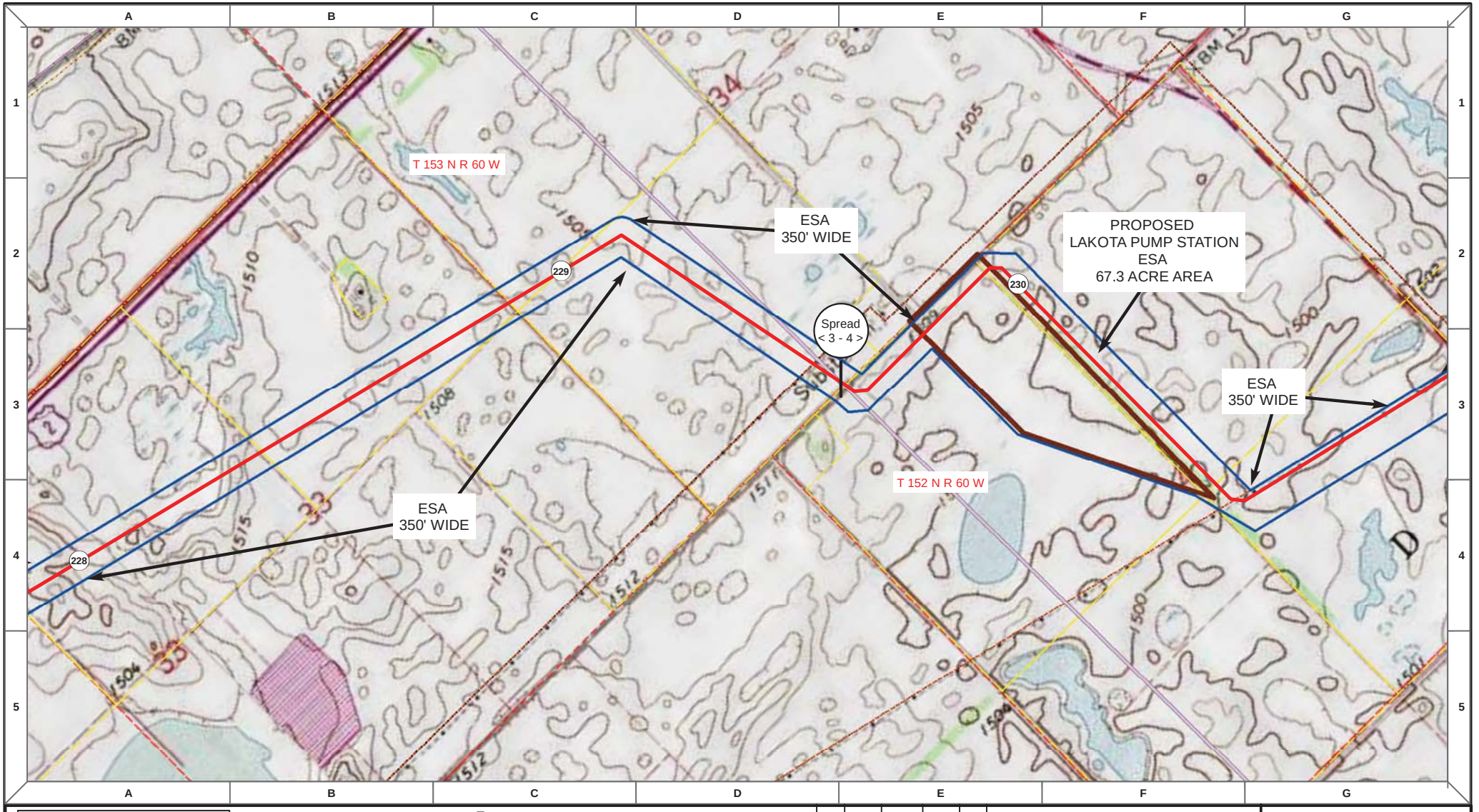
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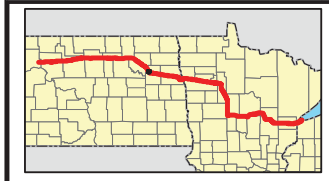
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Nelson County, ND

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Spread:3-4 Map: 93 of 121





Proposed Pipeline - Sandpiper
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Foreign Pipes
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SPREAD BREAK

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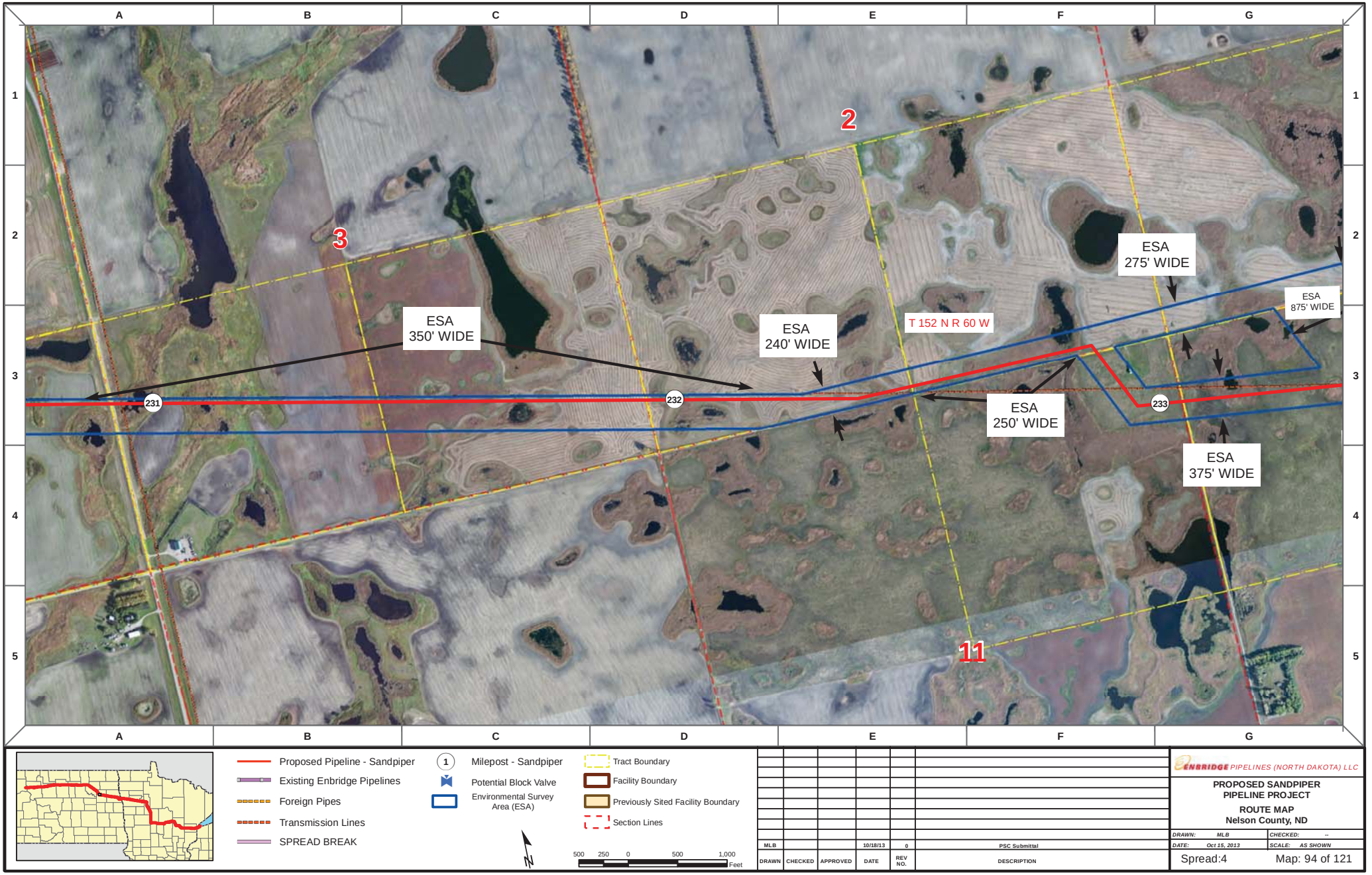
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Nelson County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:3-4 Map: 93 of 121



Proposed Pipeline - Sandpiper
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Foreign Pipes
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SPREAD BREAK

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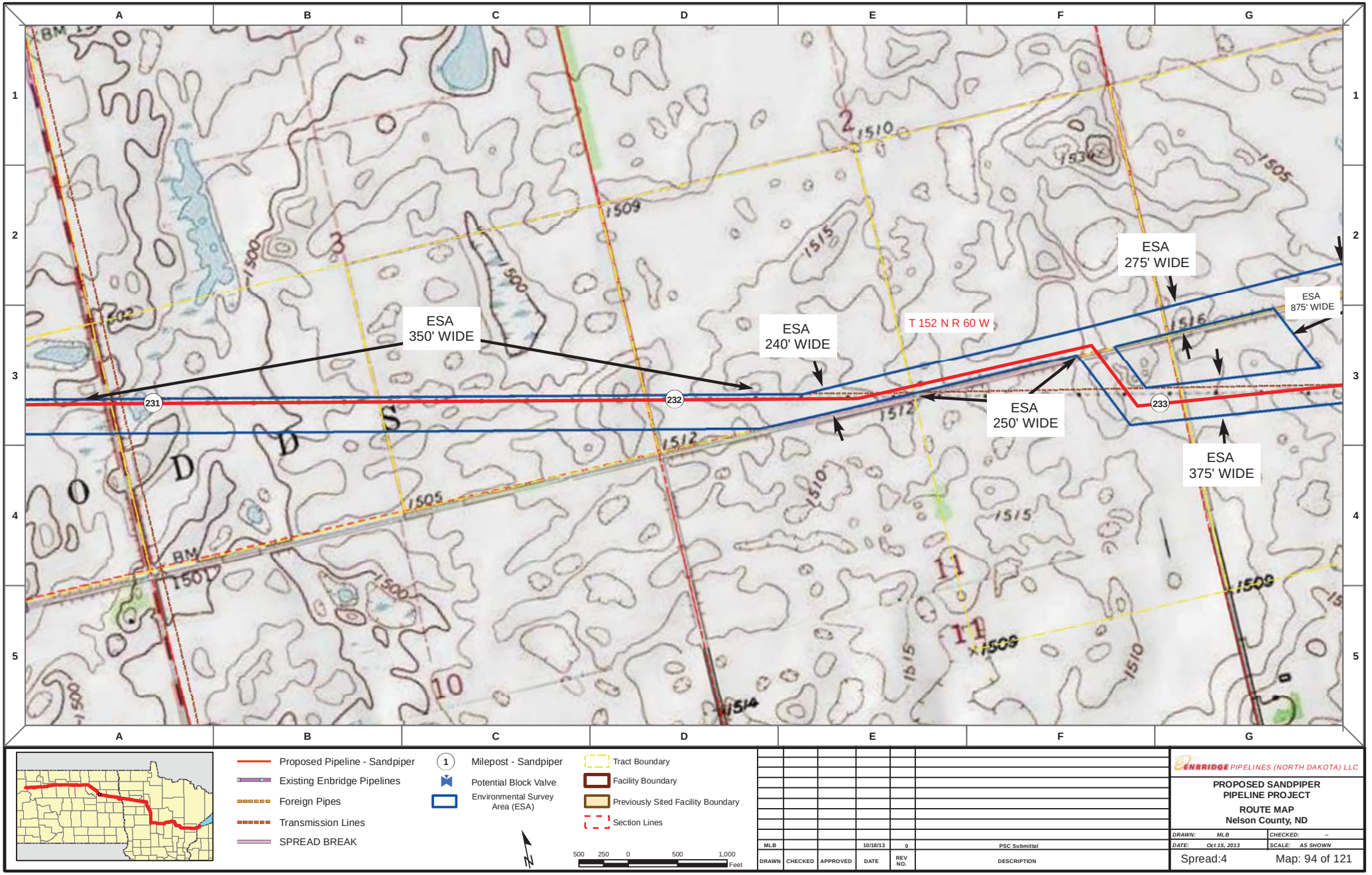
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Nelson County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

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Proposed Pipeline - Sandpiper
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Foreign Pipes
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SPREAD BREAK

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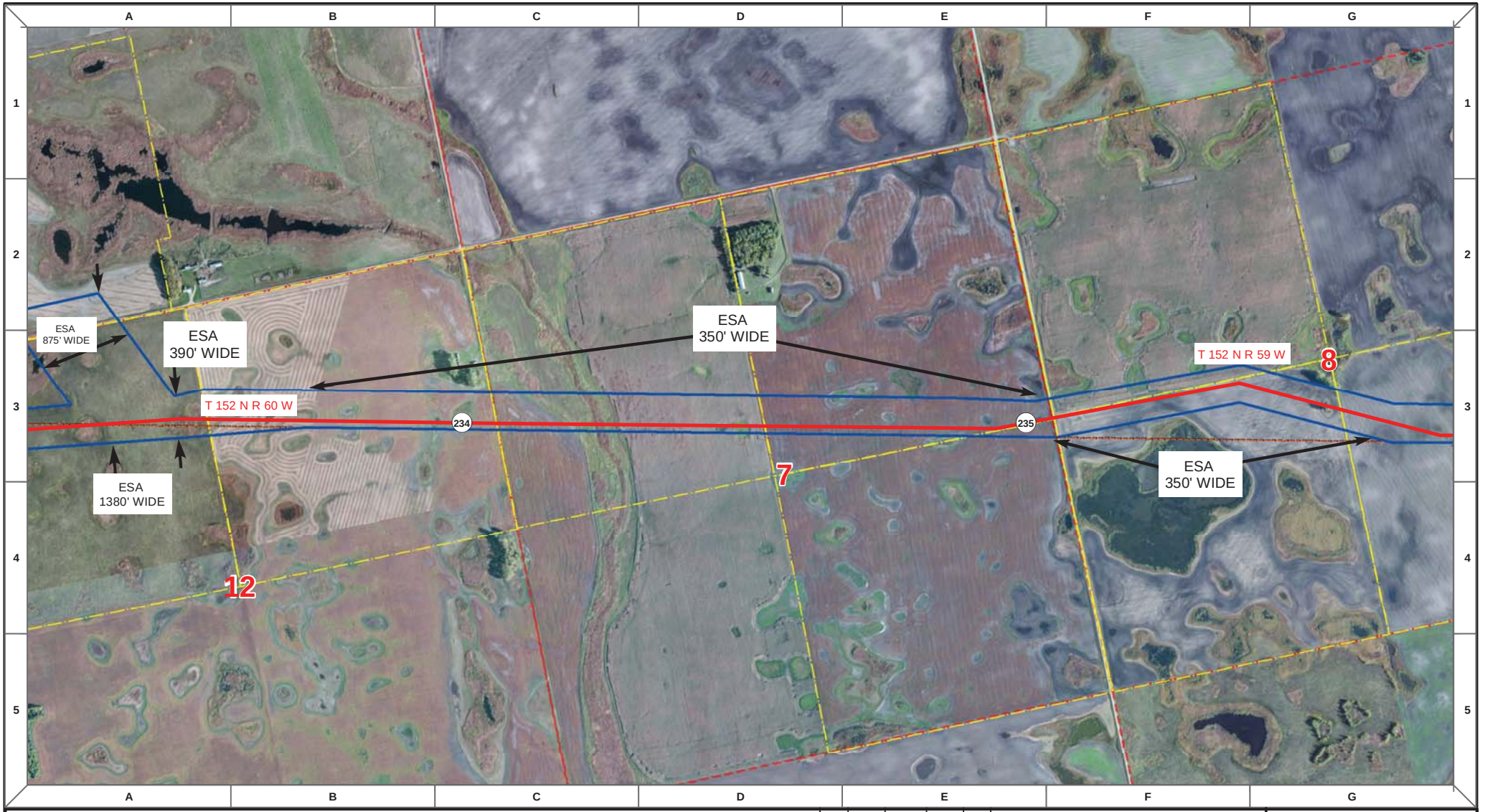
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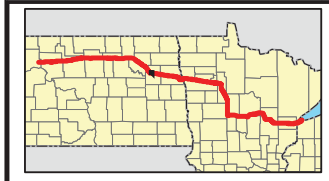
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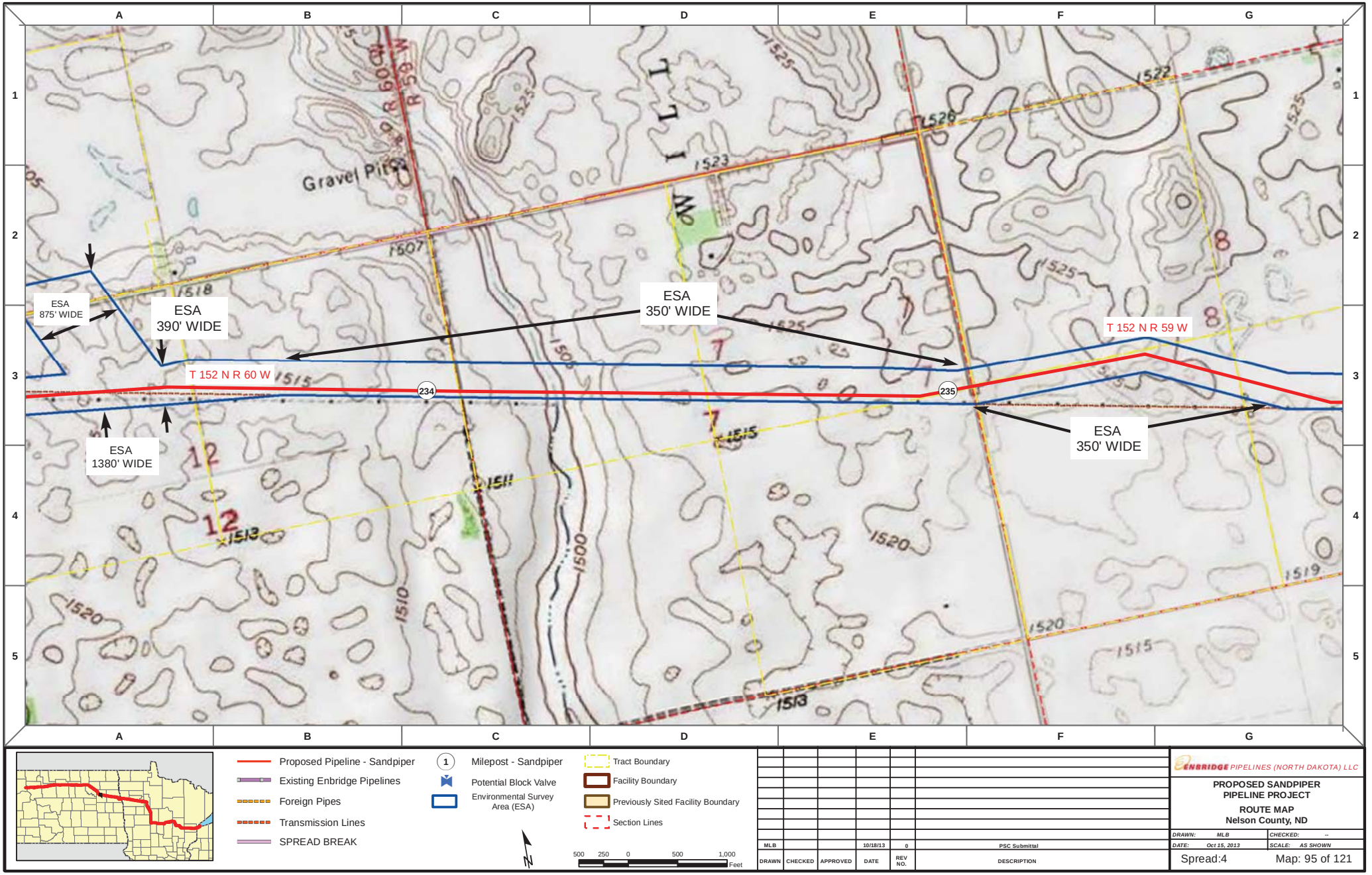
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PROPOSED SANDPIPER PIPELINE PROJECT

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Nelson County, ND

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Proposed Pipeline - Sandpiper
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SPREAD BREAK

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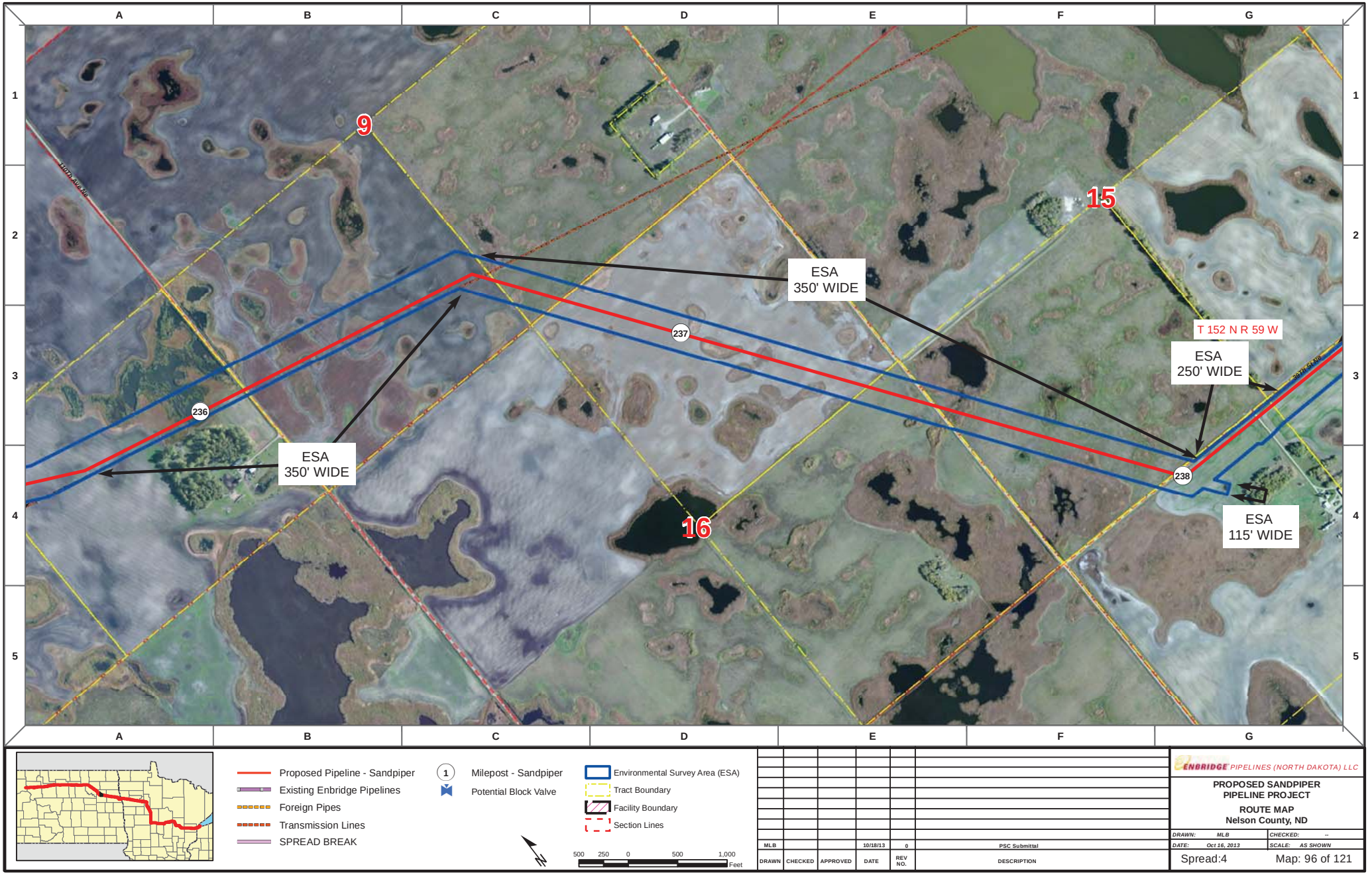
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PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Nelson County, ND

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Proposed Pipeline - Sandpiper
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Tract Boundary
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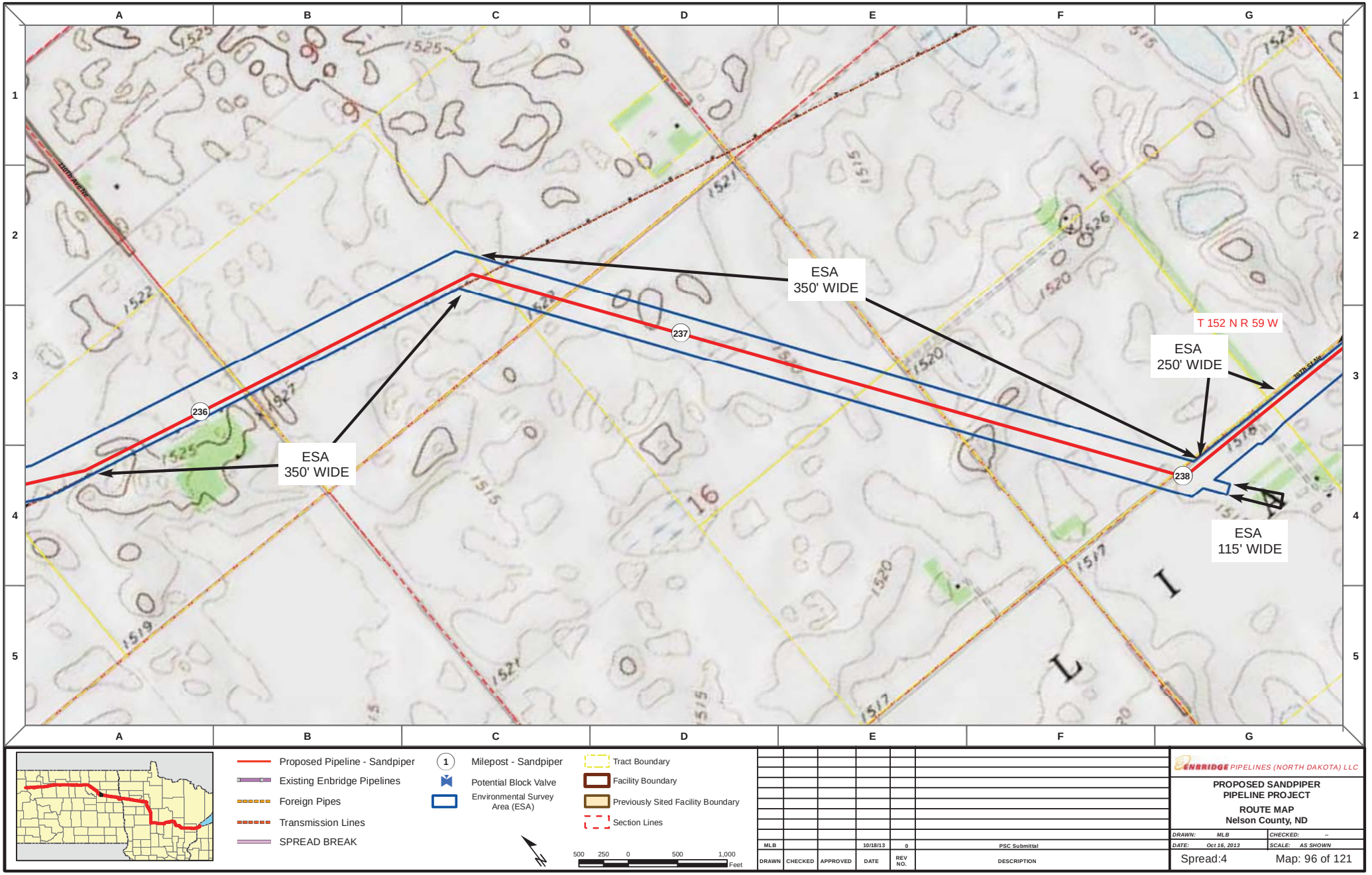
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Nelson County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 16, 2013 SCALE: AS SHOWN

Spread:4 Map: 96 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
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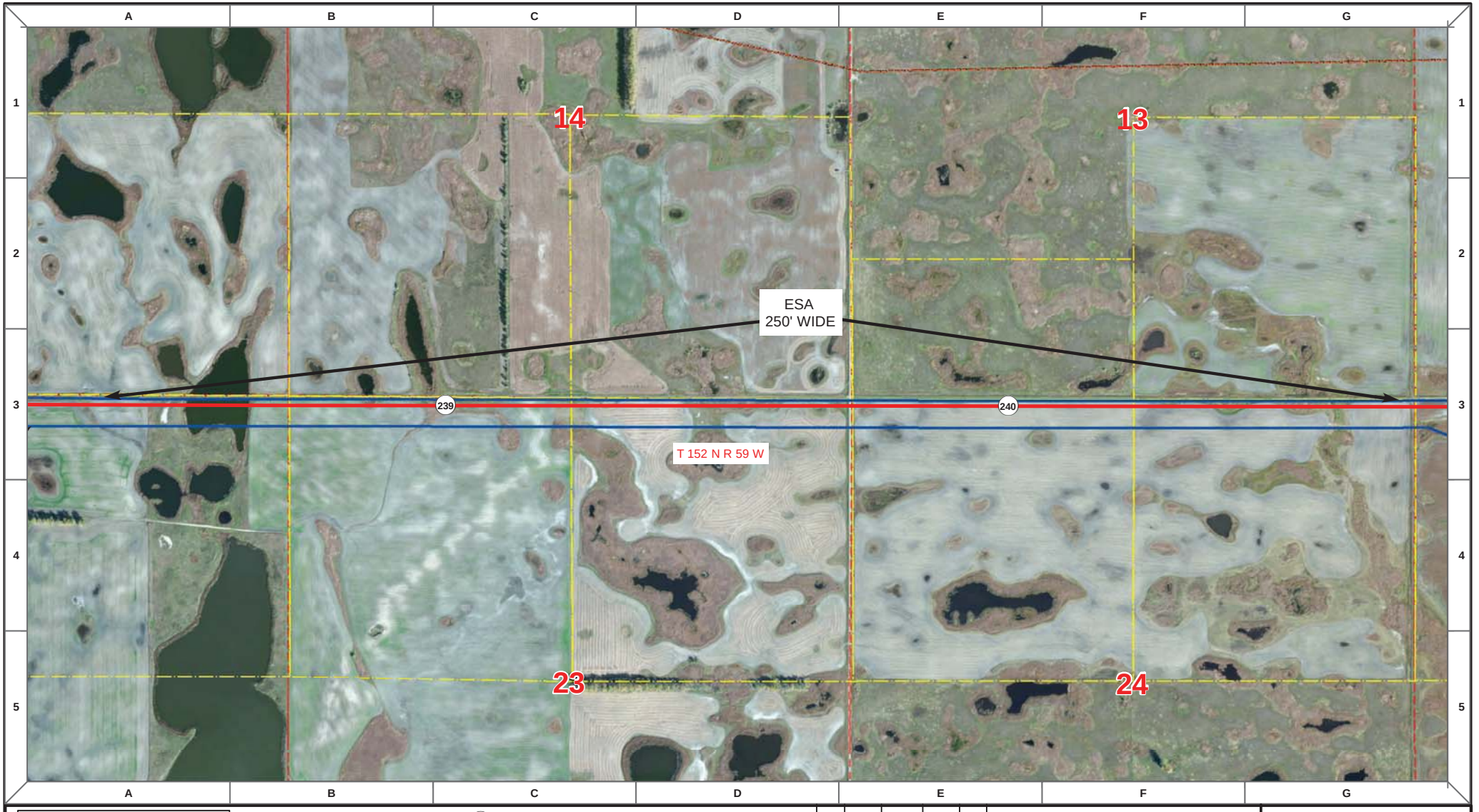
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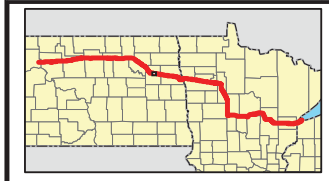
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Nelson County, ND

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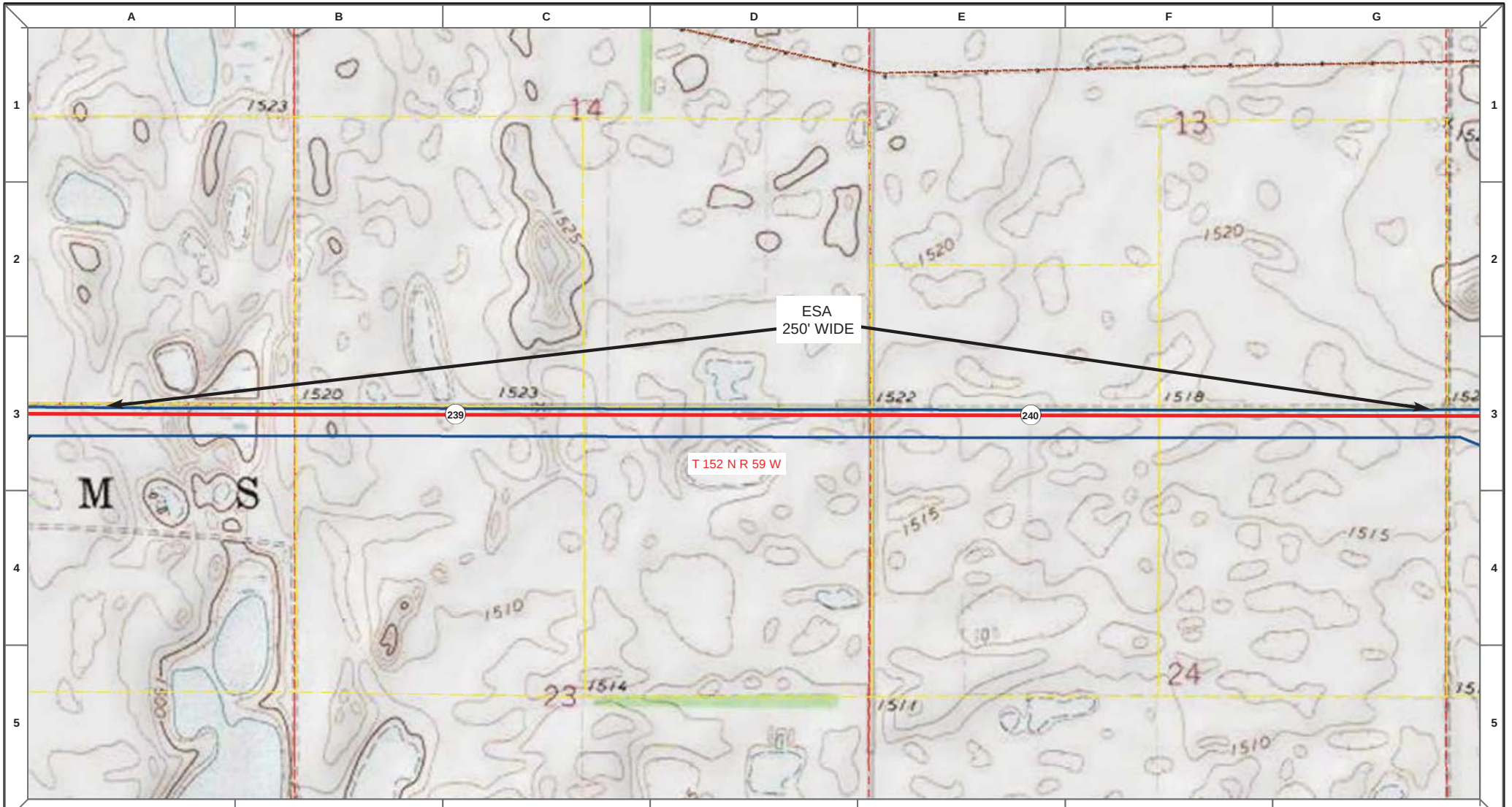
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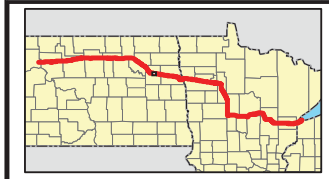
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Nelson County, ND

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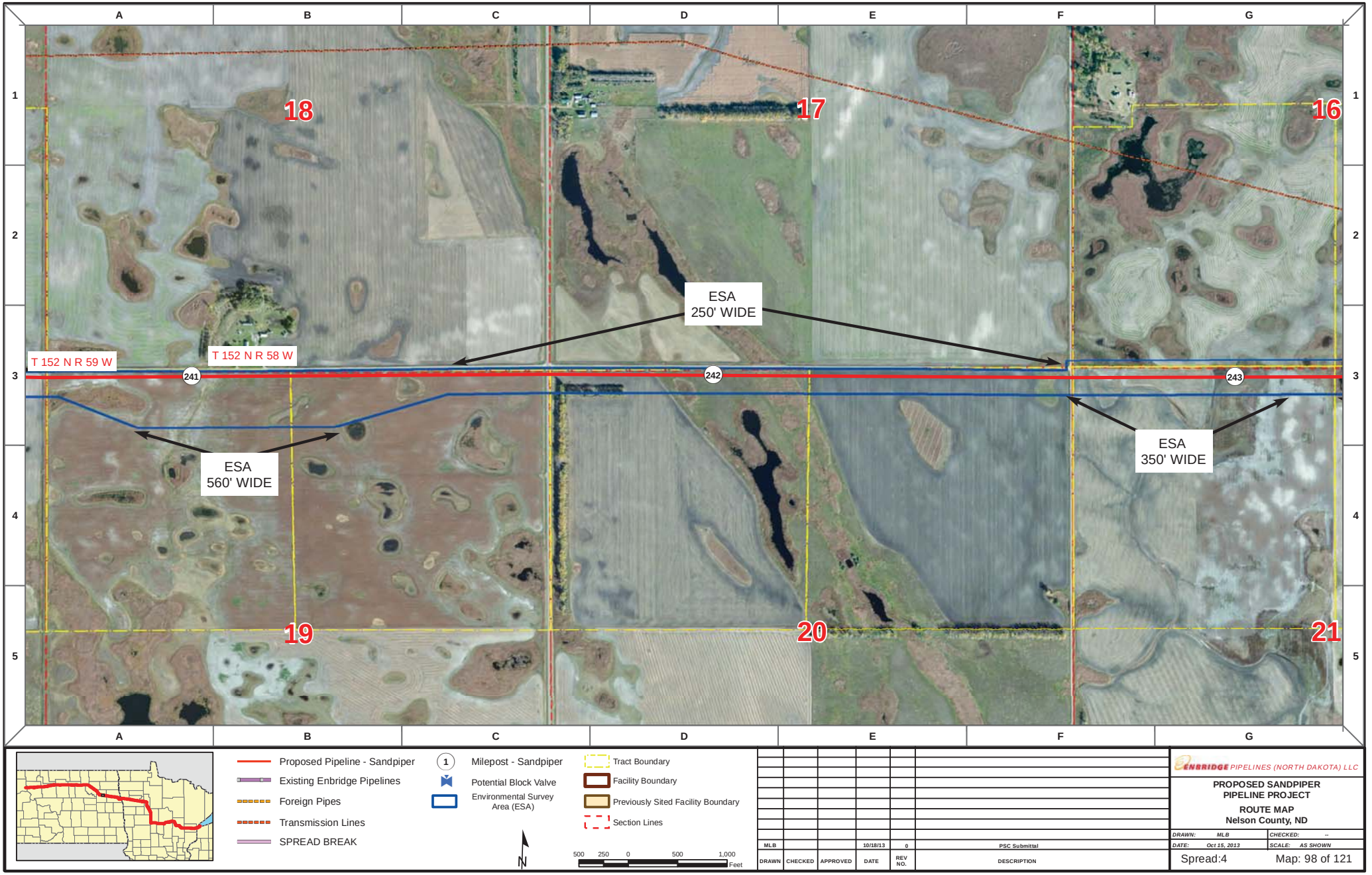
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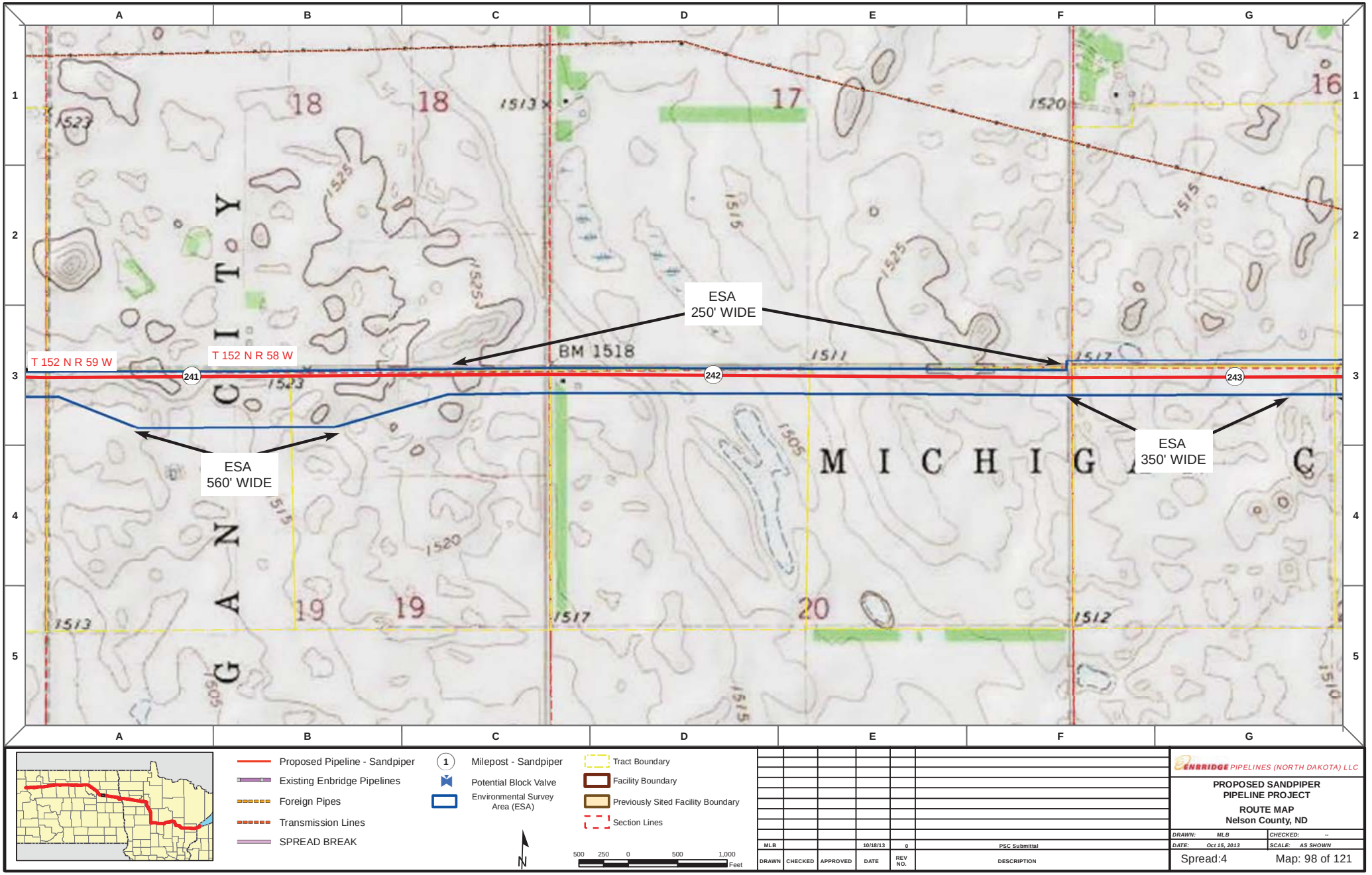
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PROPOSED SANDPIPER PIPELINE PROJECT

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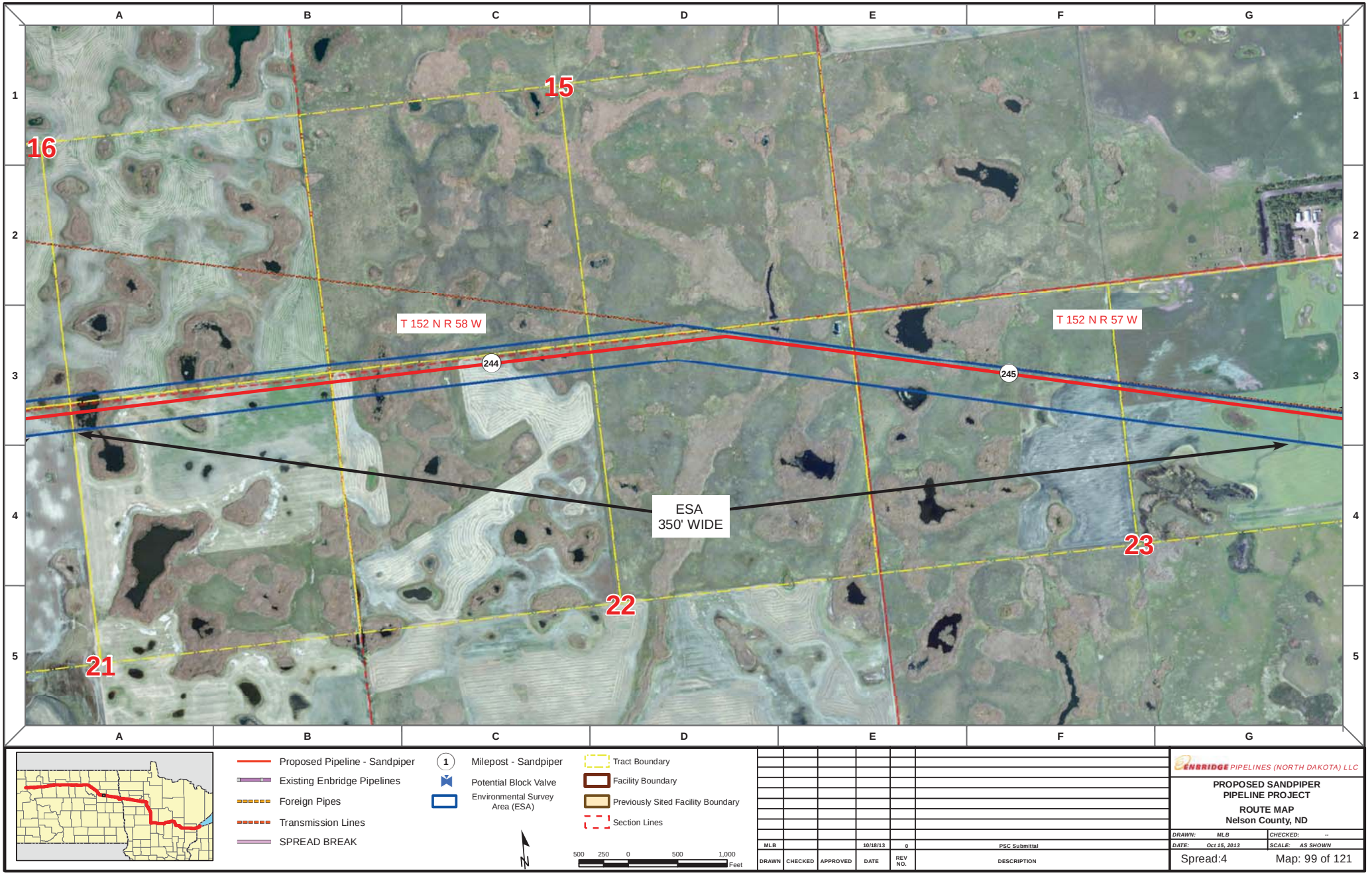
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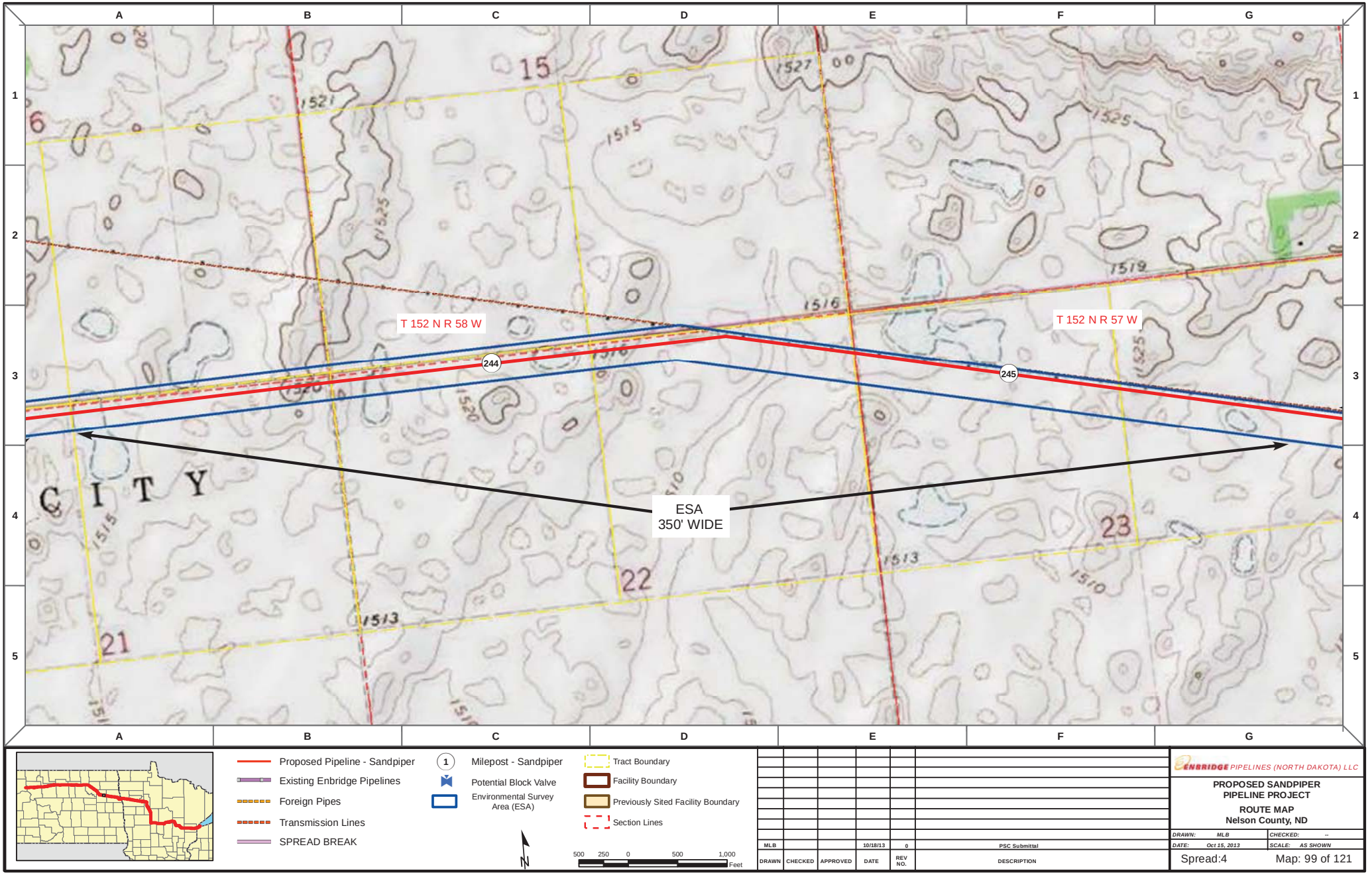
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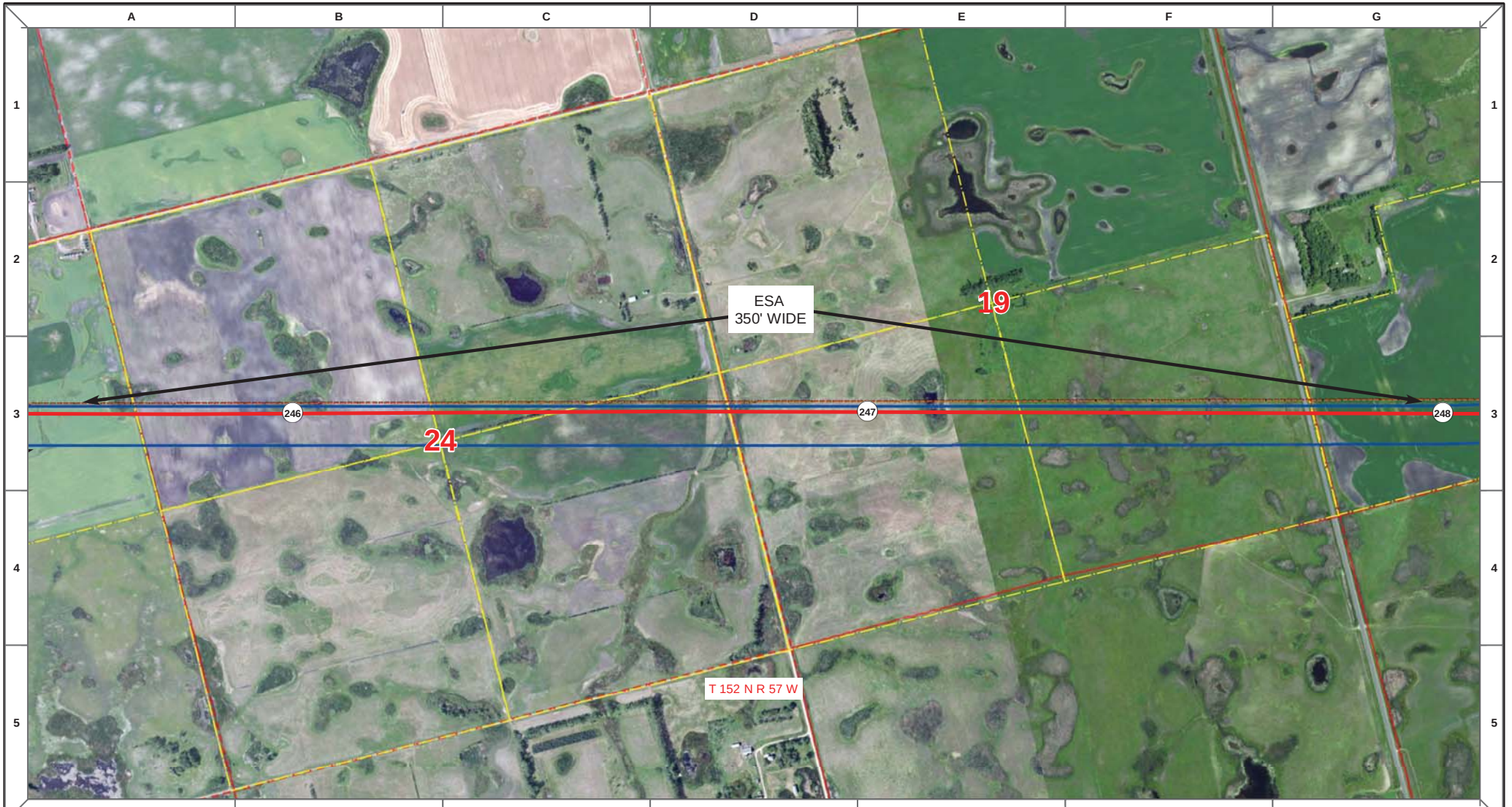
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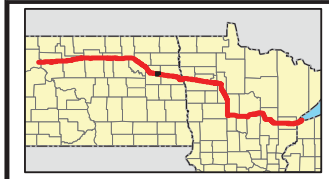
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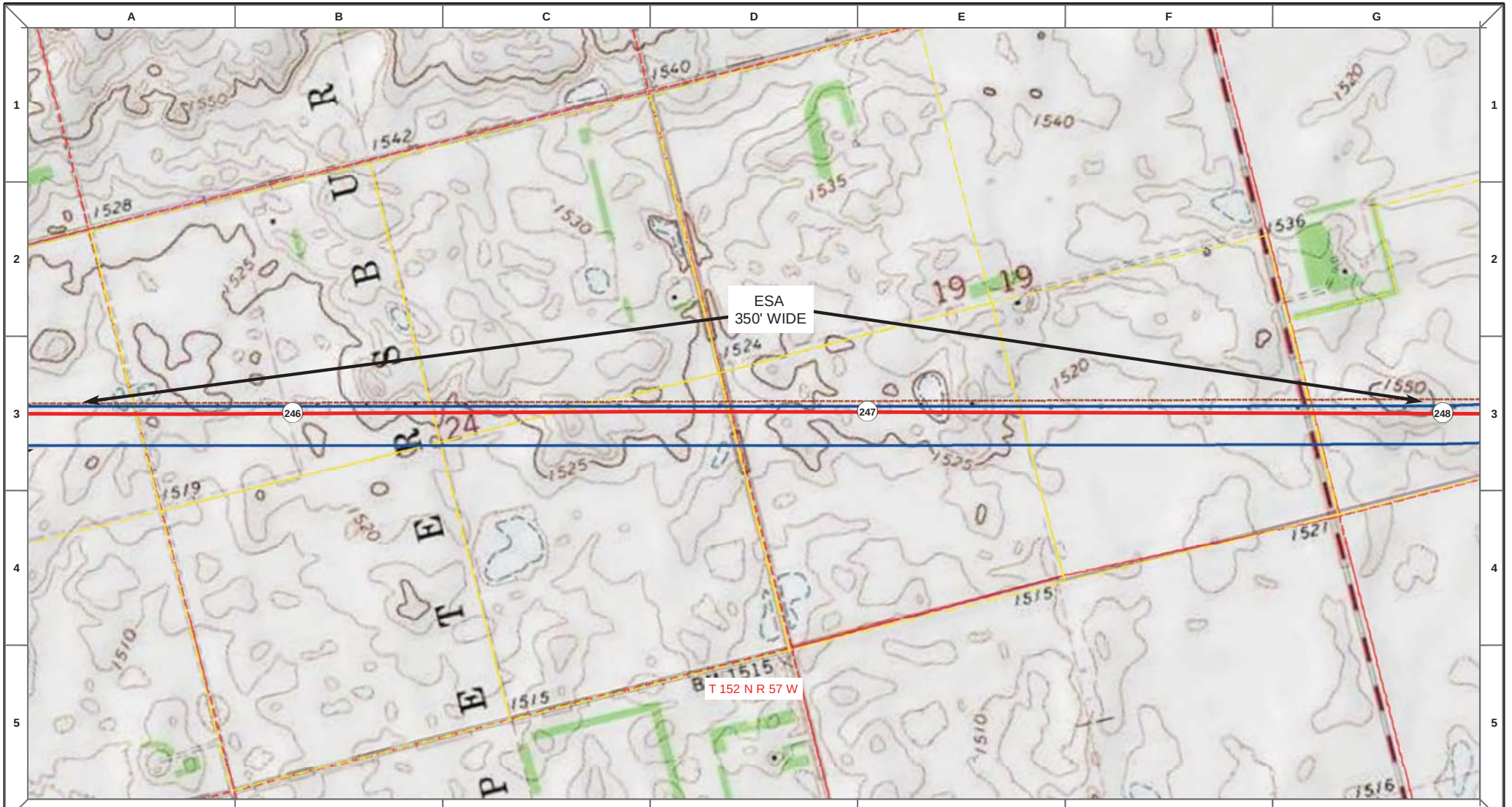
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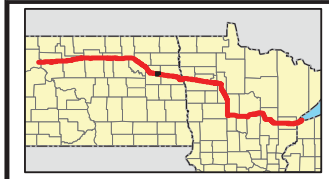
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1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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MLB			10/18/13	0	PSC Submittal

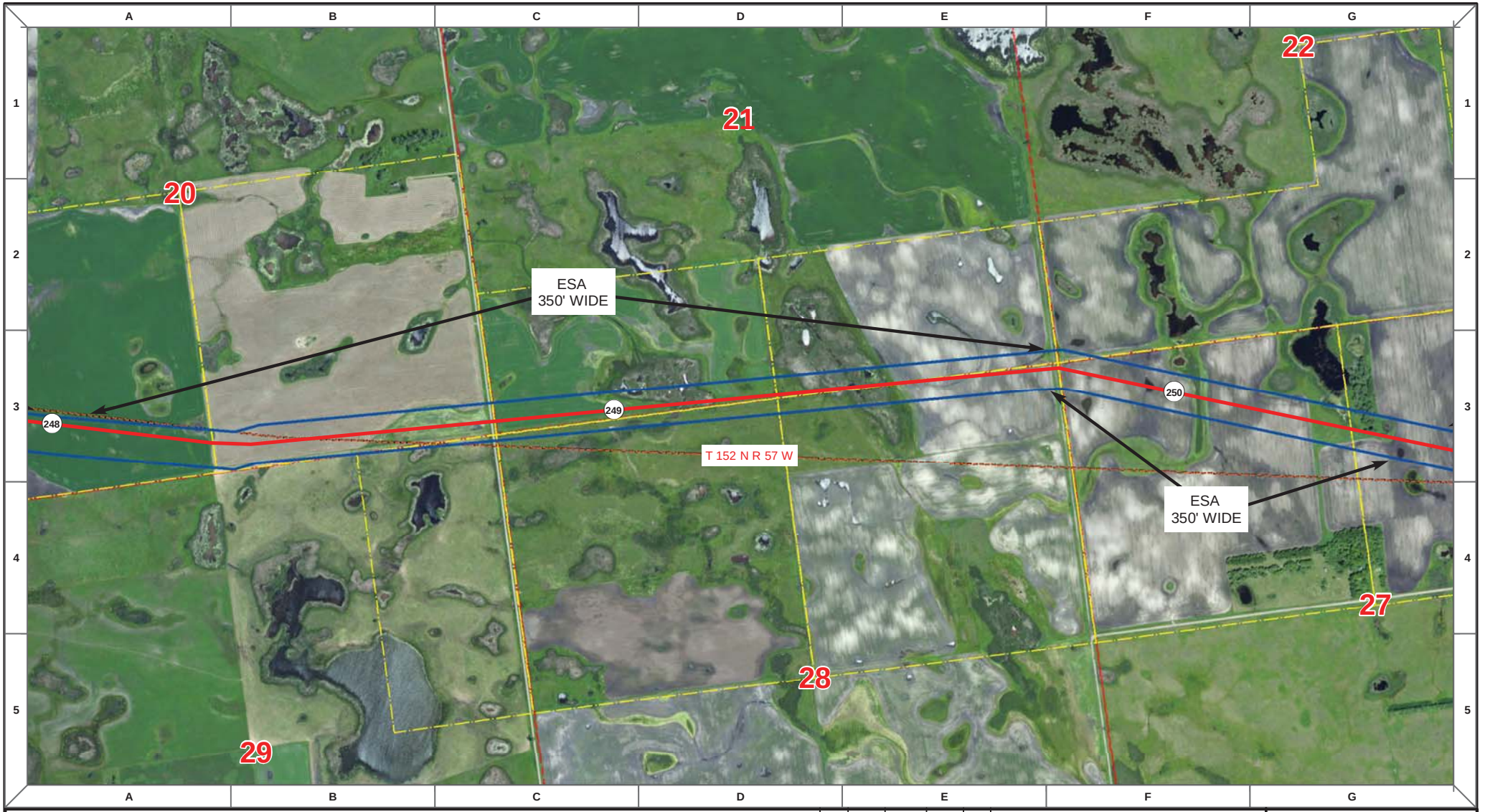
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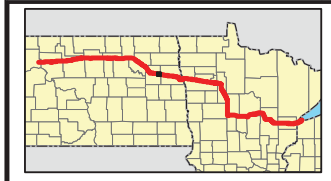
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Nelson County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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Section Lines

N

500 250 0 500 1,000 Feet

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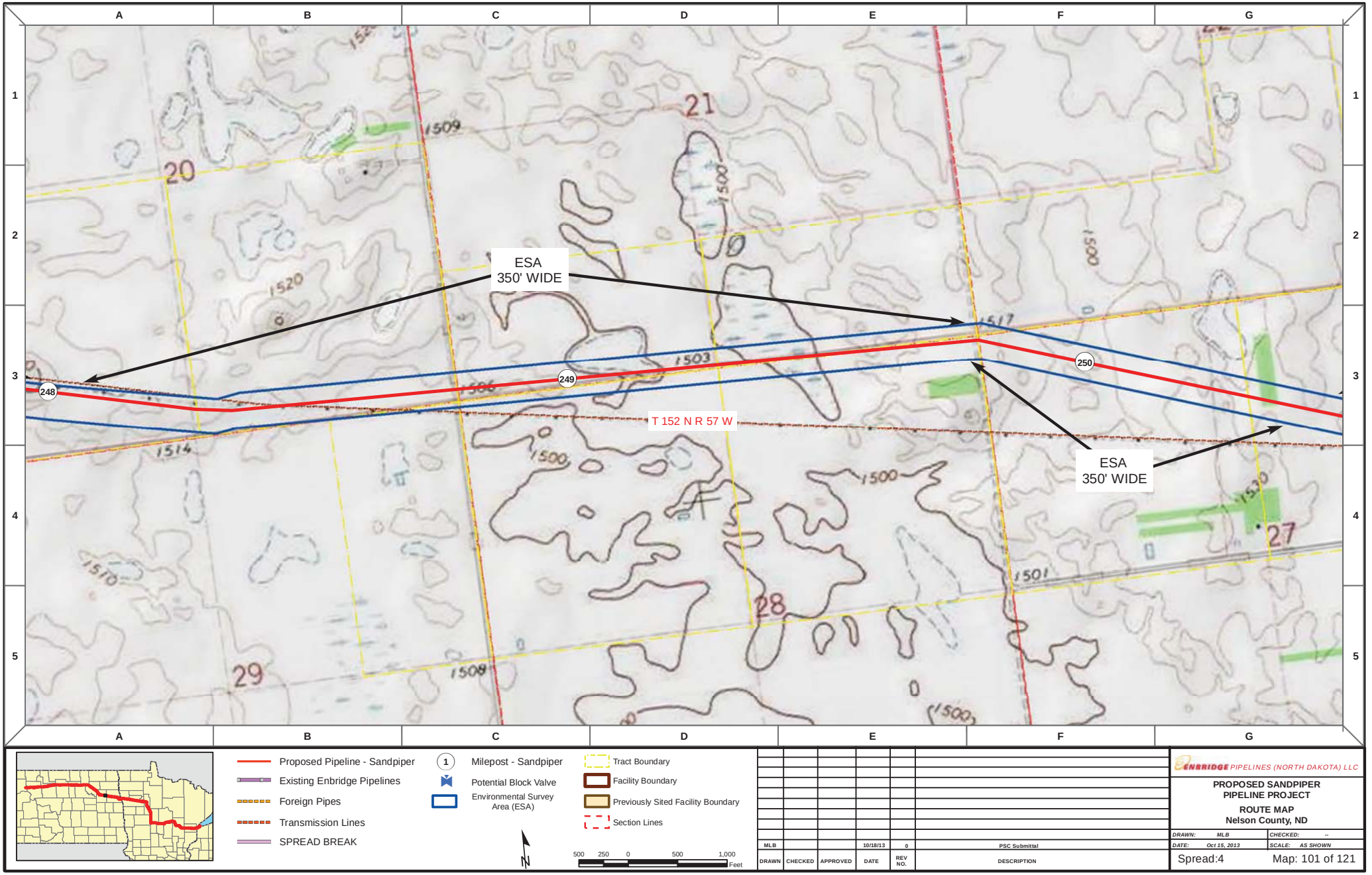
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Nelson County, ND

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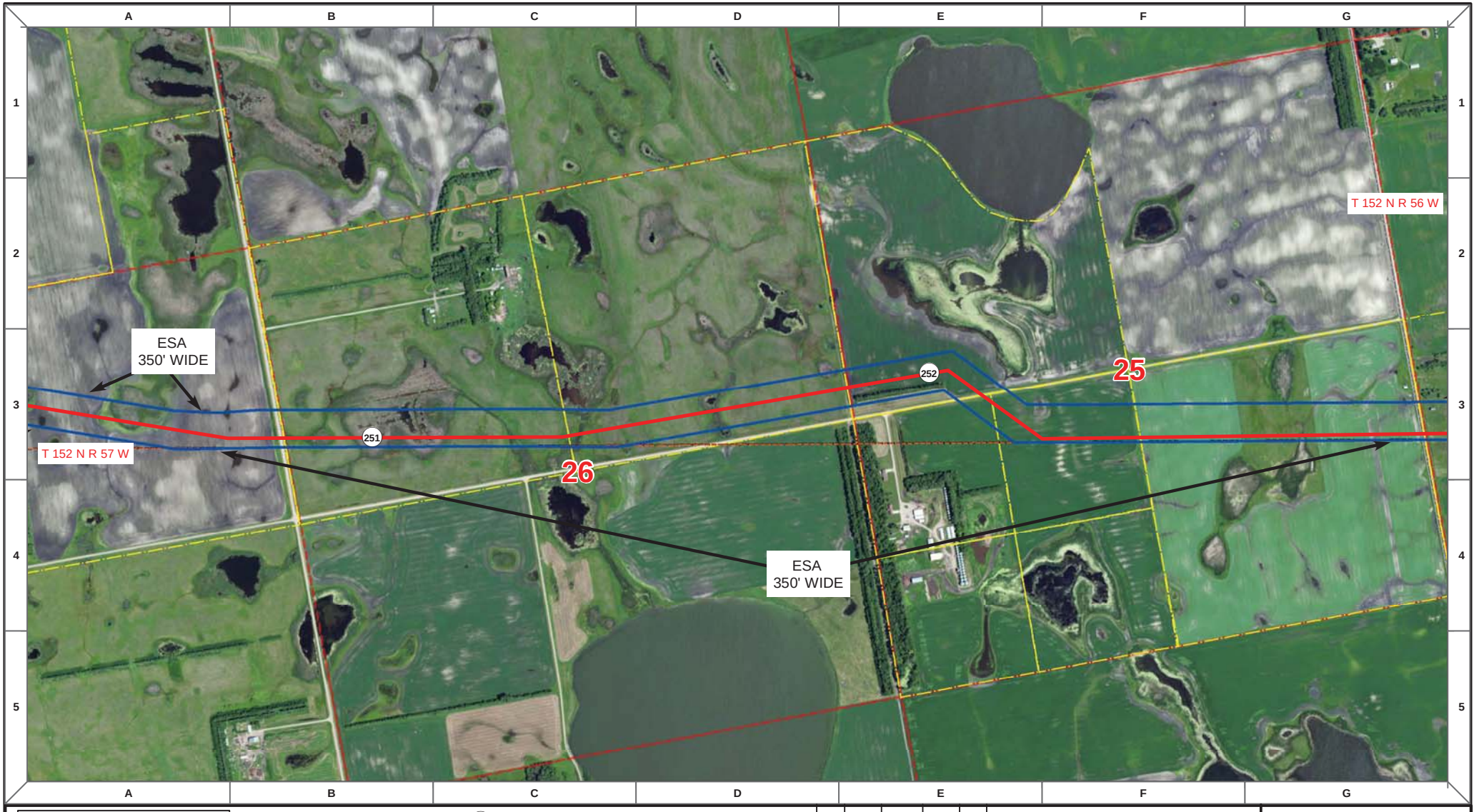
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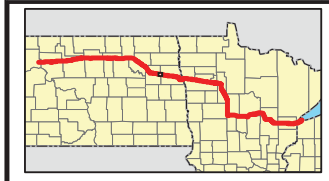
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Nelson County, ND

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Spread:4 Map: 101 of 121





Proposed Pipeline - Sandpiper
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Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
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Environmental Survey Area (ESA)

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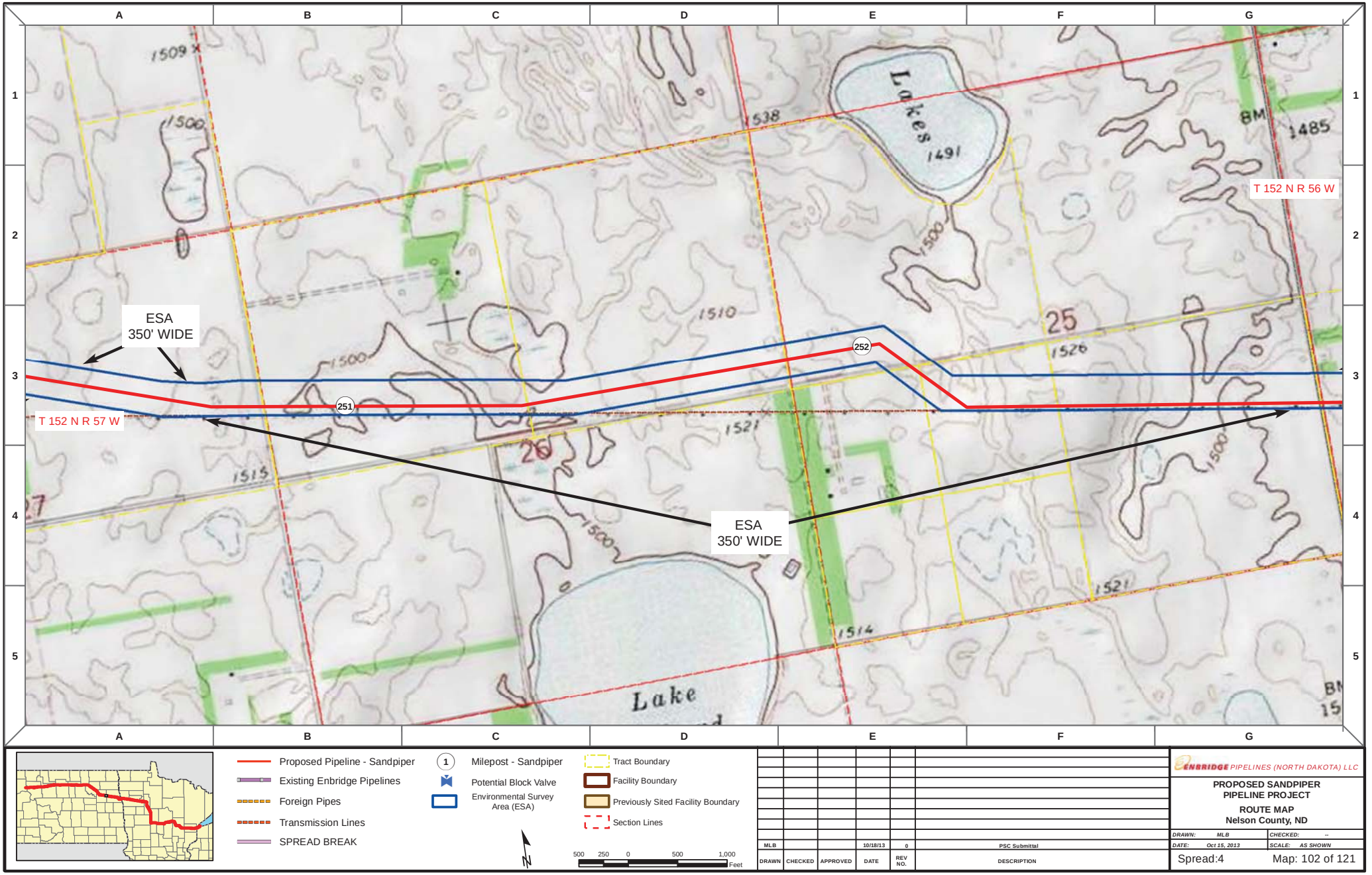
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PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Nelson County, ND

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Proposed Pipeline - Sandpiper
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Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
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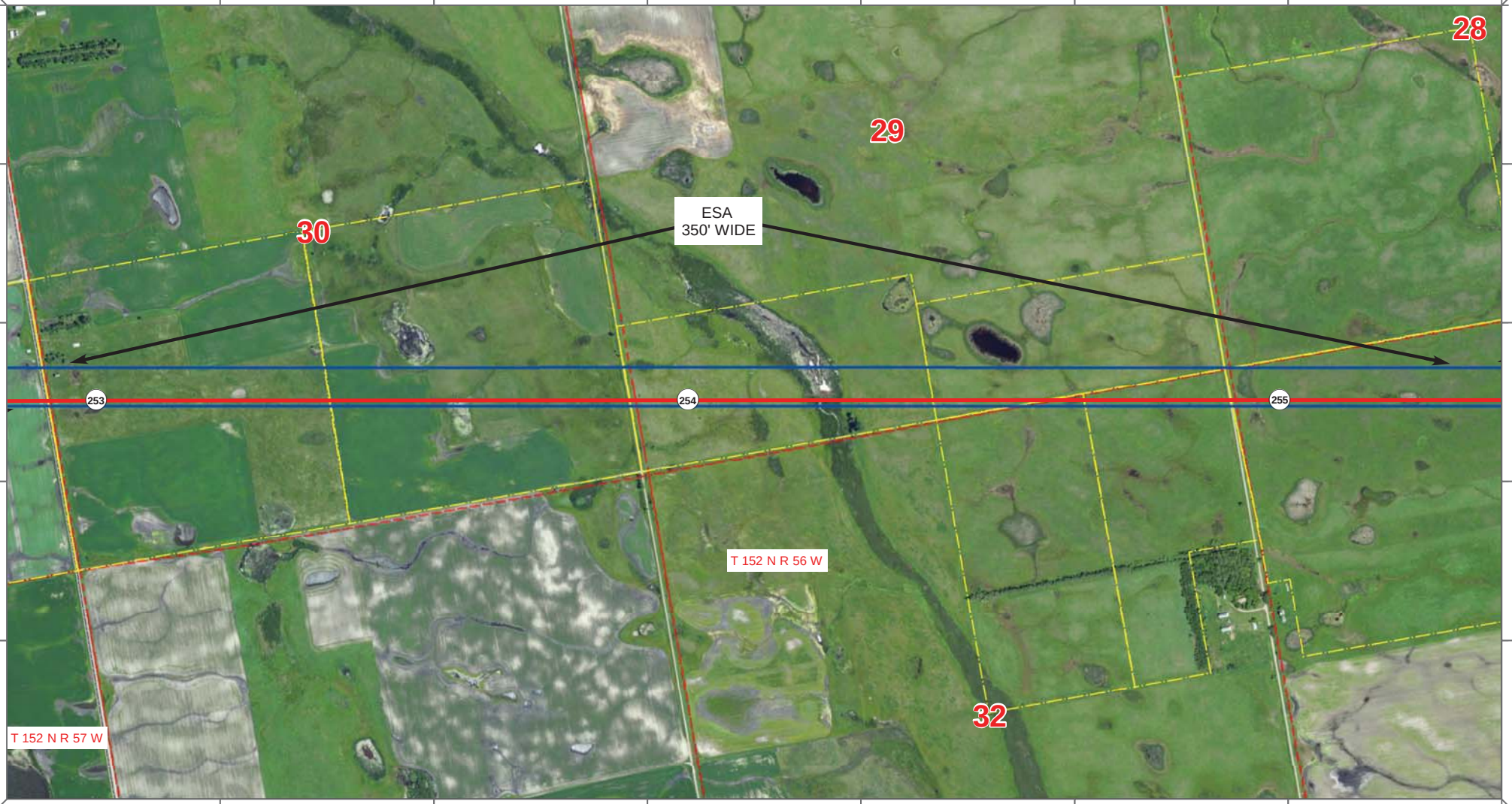
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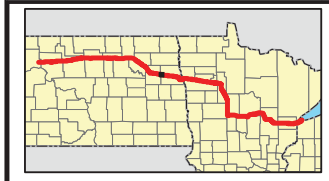
PROPOSED SANDPIPER PIPELINE PROJECT

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Nelson County, ND

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Proposed Pipeline - Sandpiper
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SPREAD BREAK

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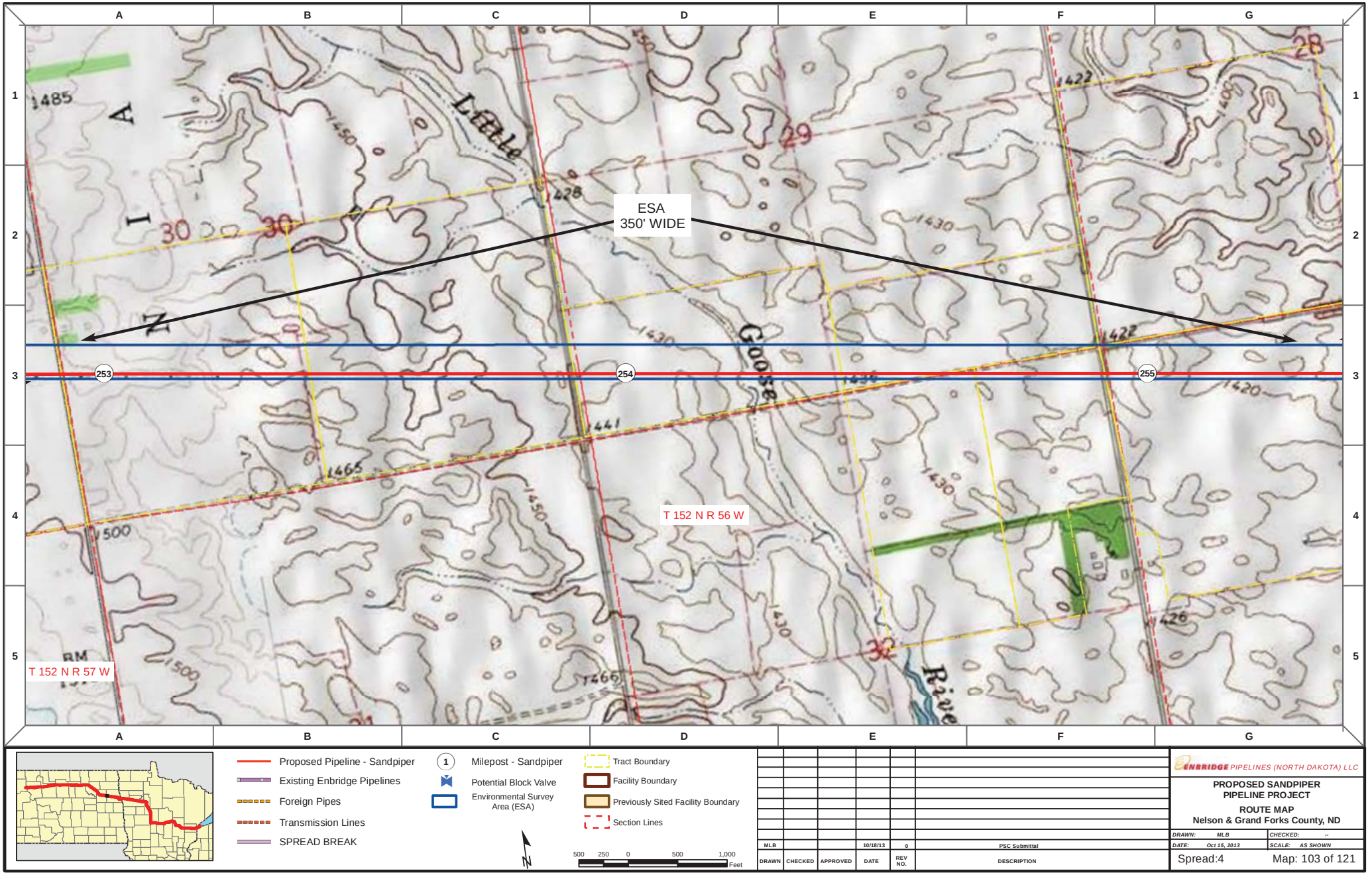
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP

Nelson & Grand Forks County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
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Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
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Tract Boundary
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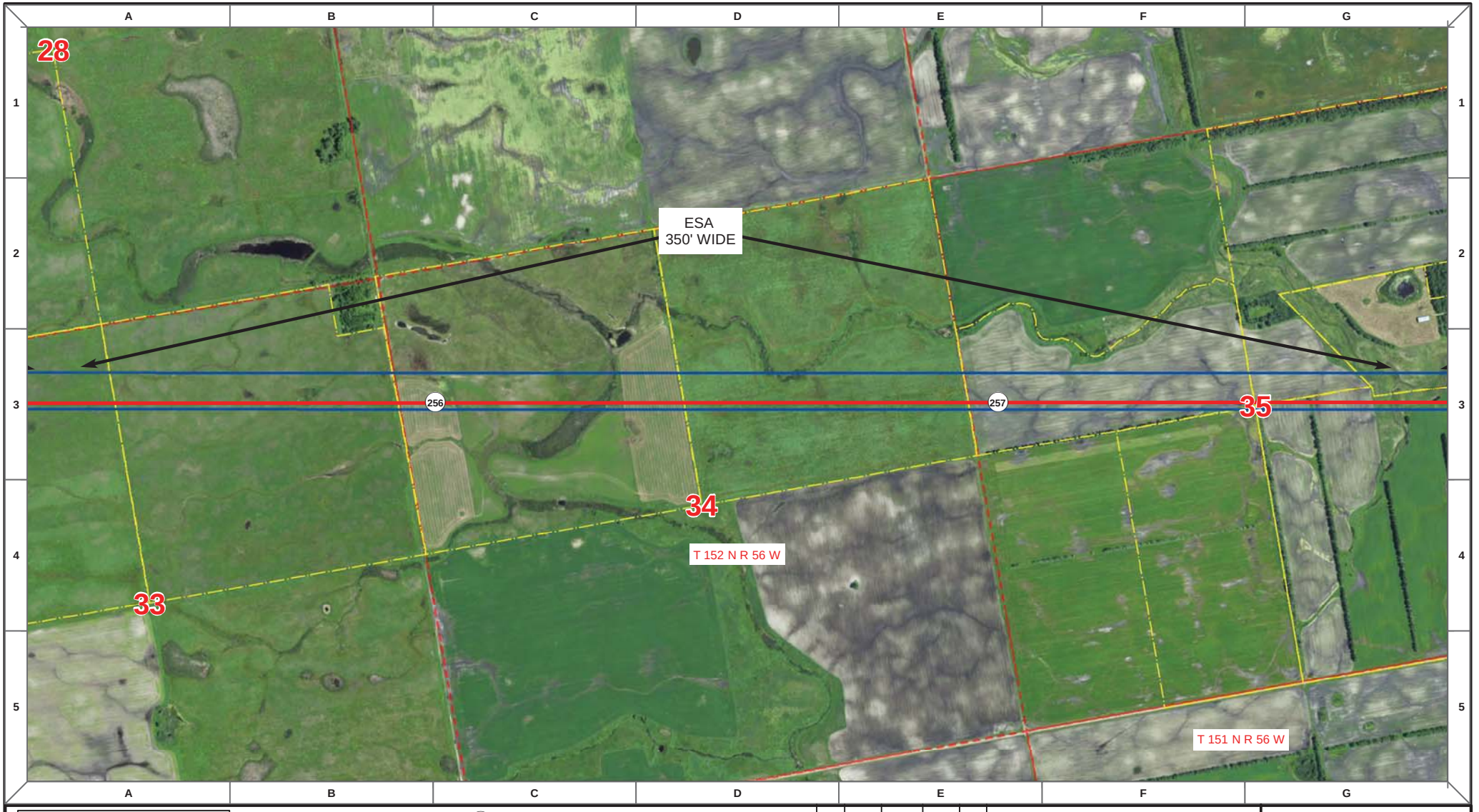
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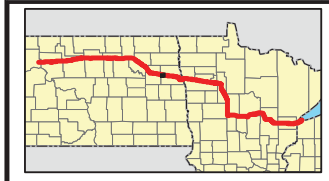
ROUTE MAP

Nelson & Grand Forks County, ND

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Proposed Pipeline - Sandpiper
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500 250 0 500 1,000
Feet

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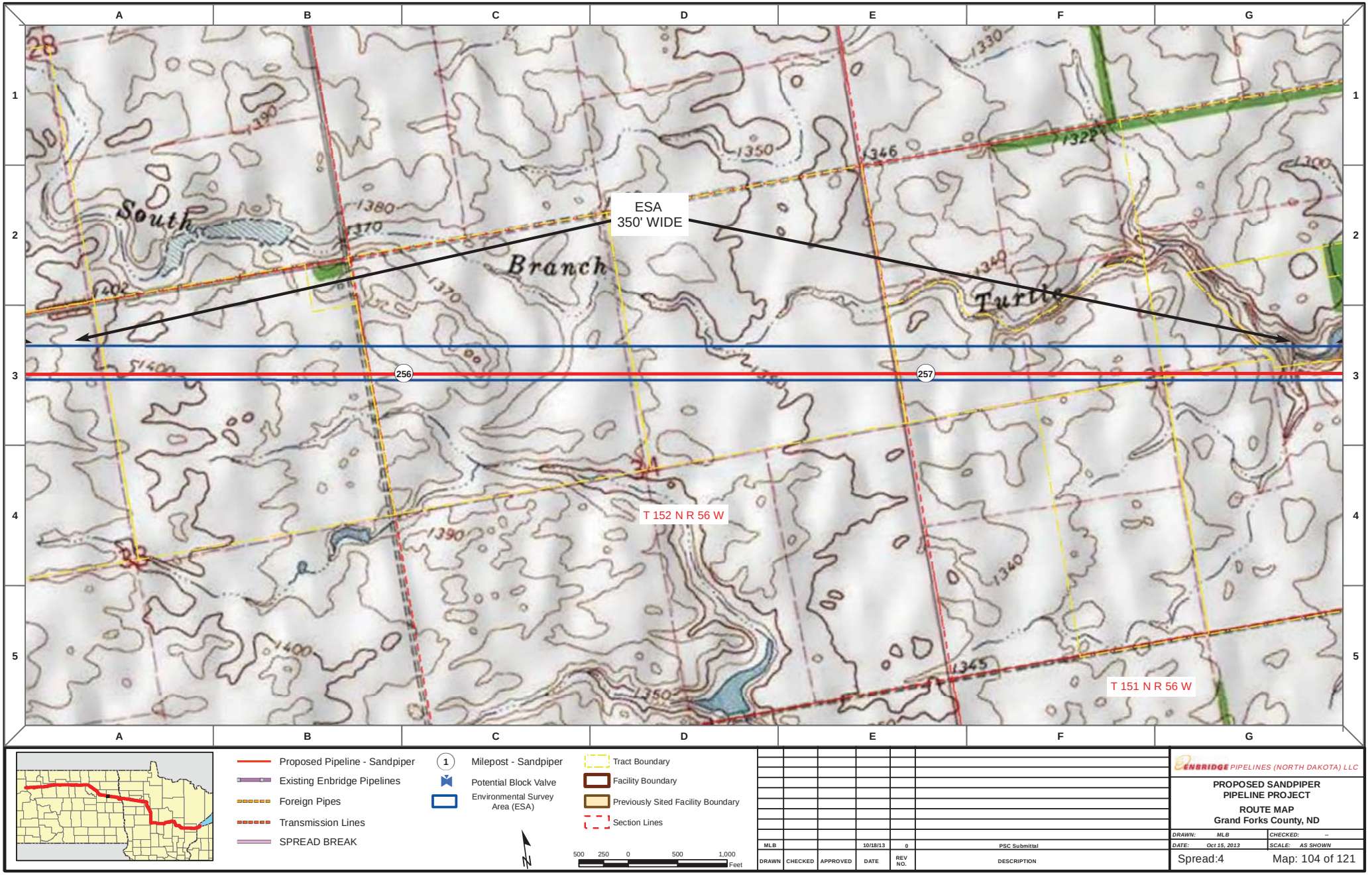
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

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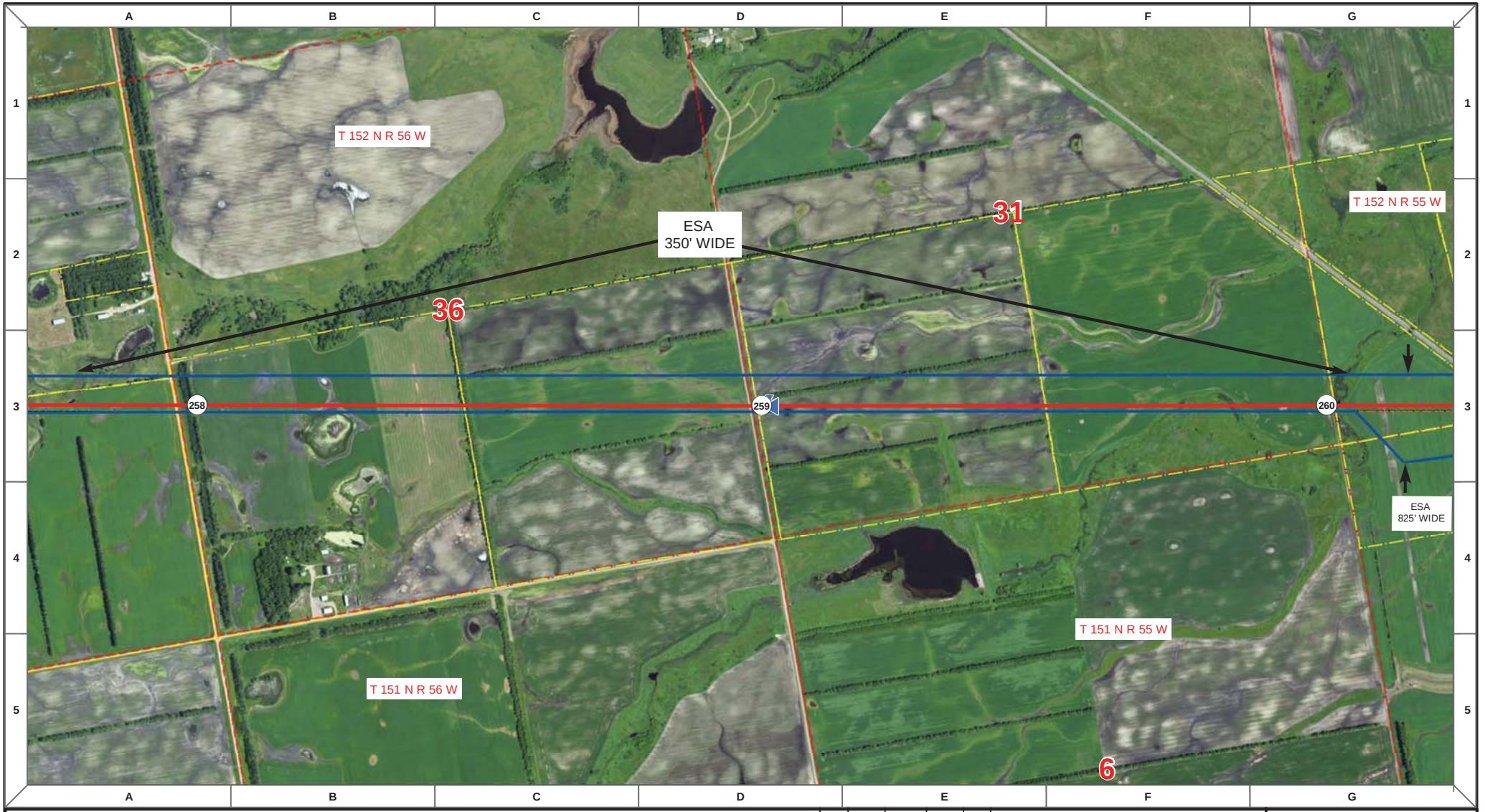
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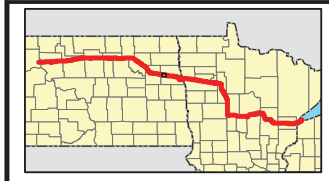
PROPOSED SANDPIPER PIPELINE PROJECT

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Grand Forks County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
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1 Milepost - Sandpiper
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Tract Boundary
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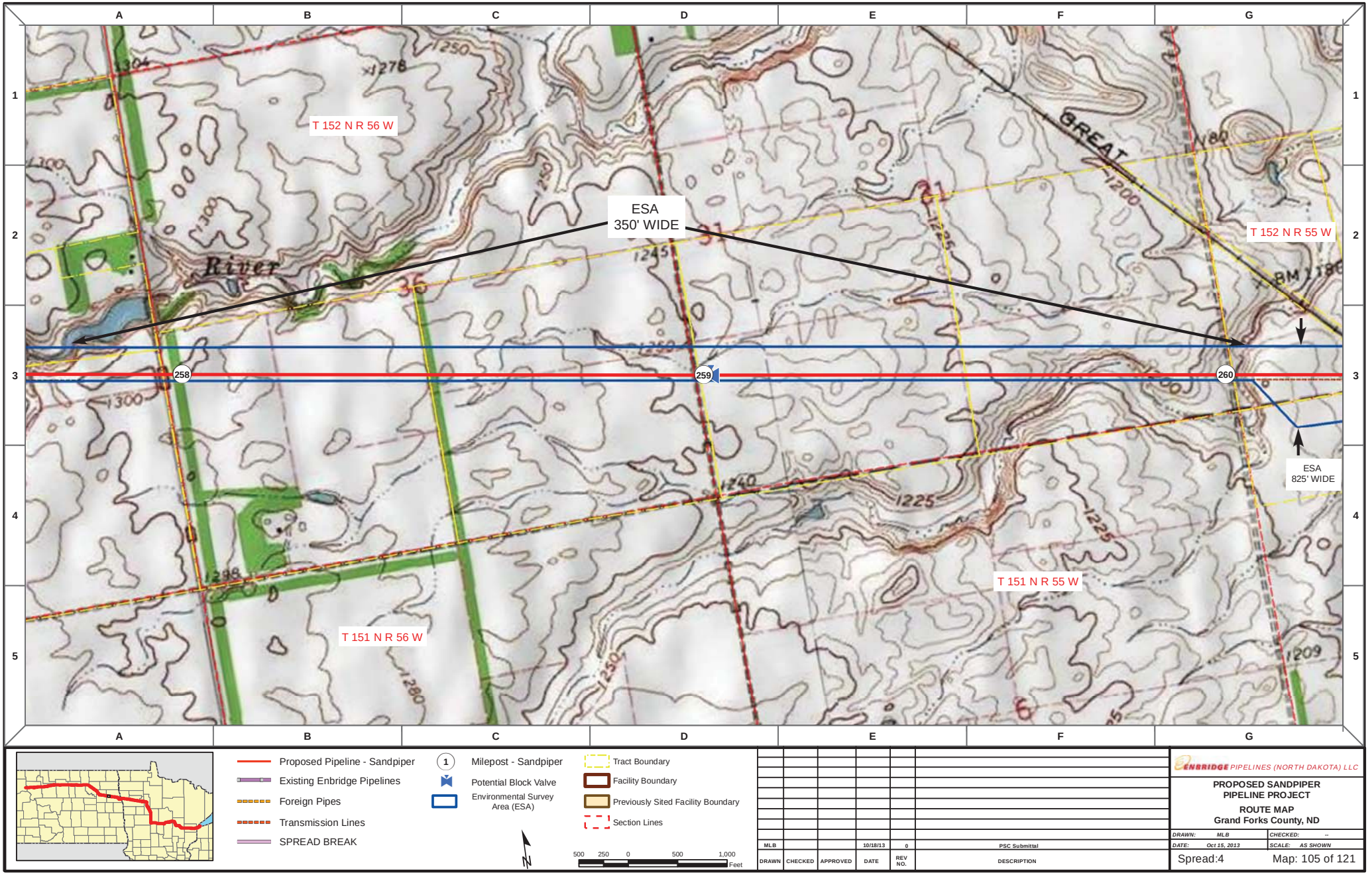
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PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
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1 Milepost - Sandpiper
Potential Block Valve
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Tract Boundary
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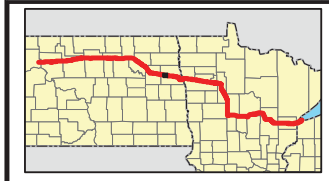
PROPOSED SANDPIPER PIPELINE PROJECT

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Grand Forks County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
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1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
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Feet

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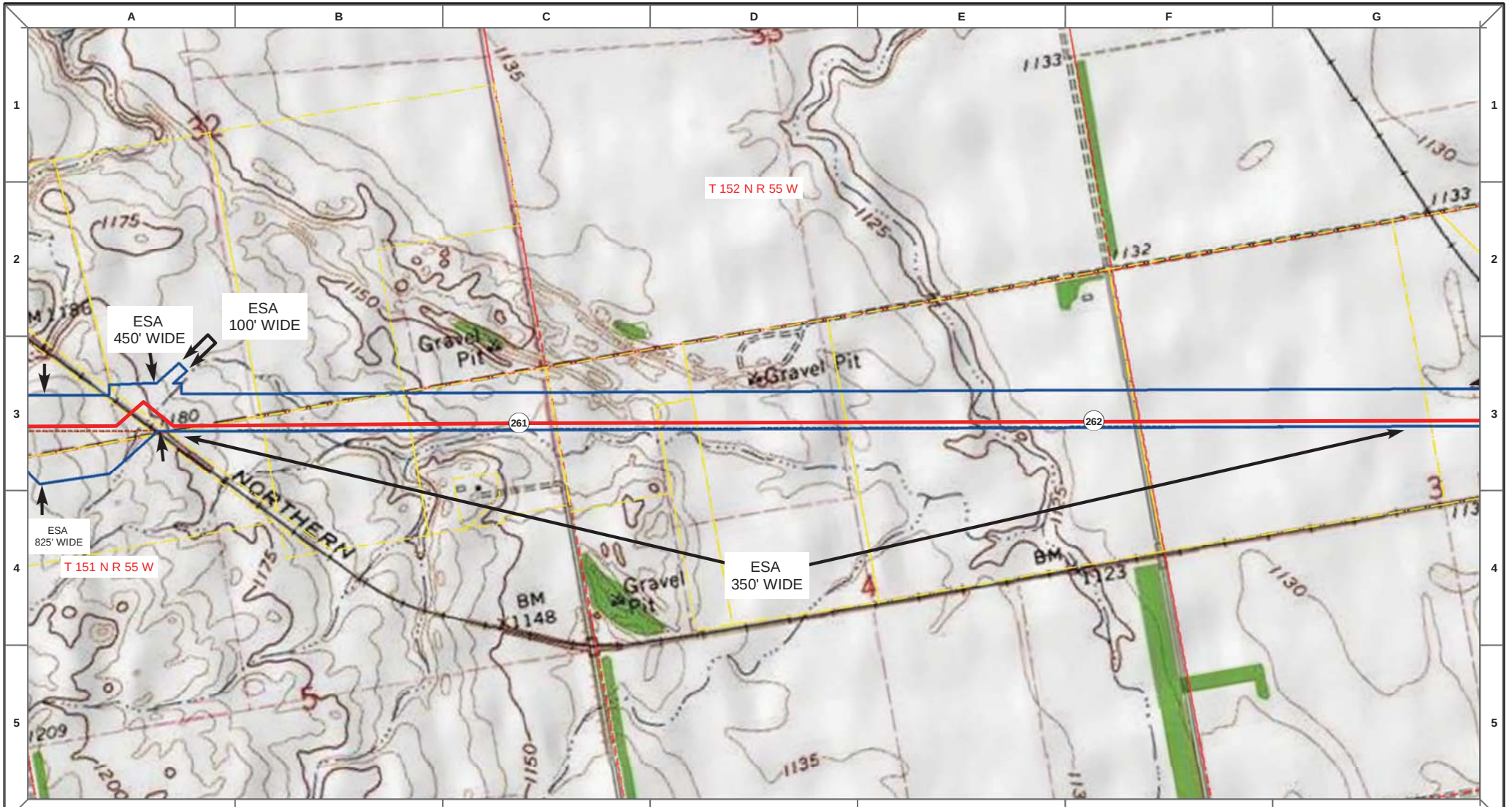
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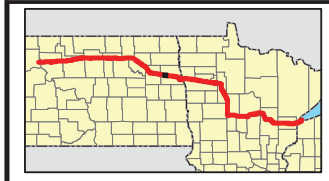
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
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SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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500 250 0 500 1,000 Feet

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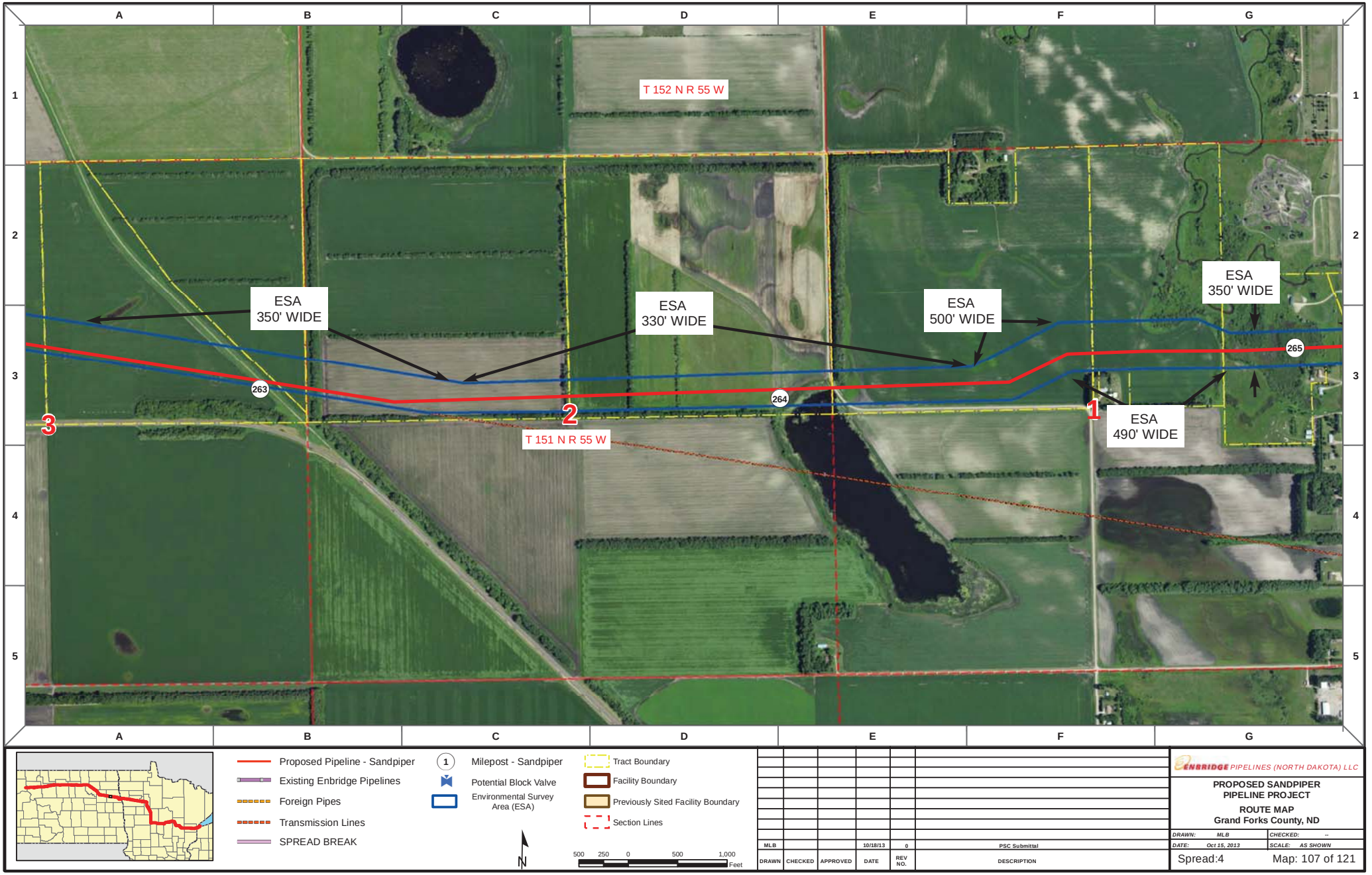
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PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

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Proposed Pipeline - Sandpiper
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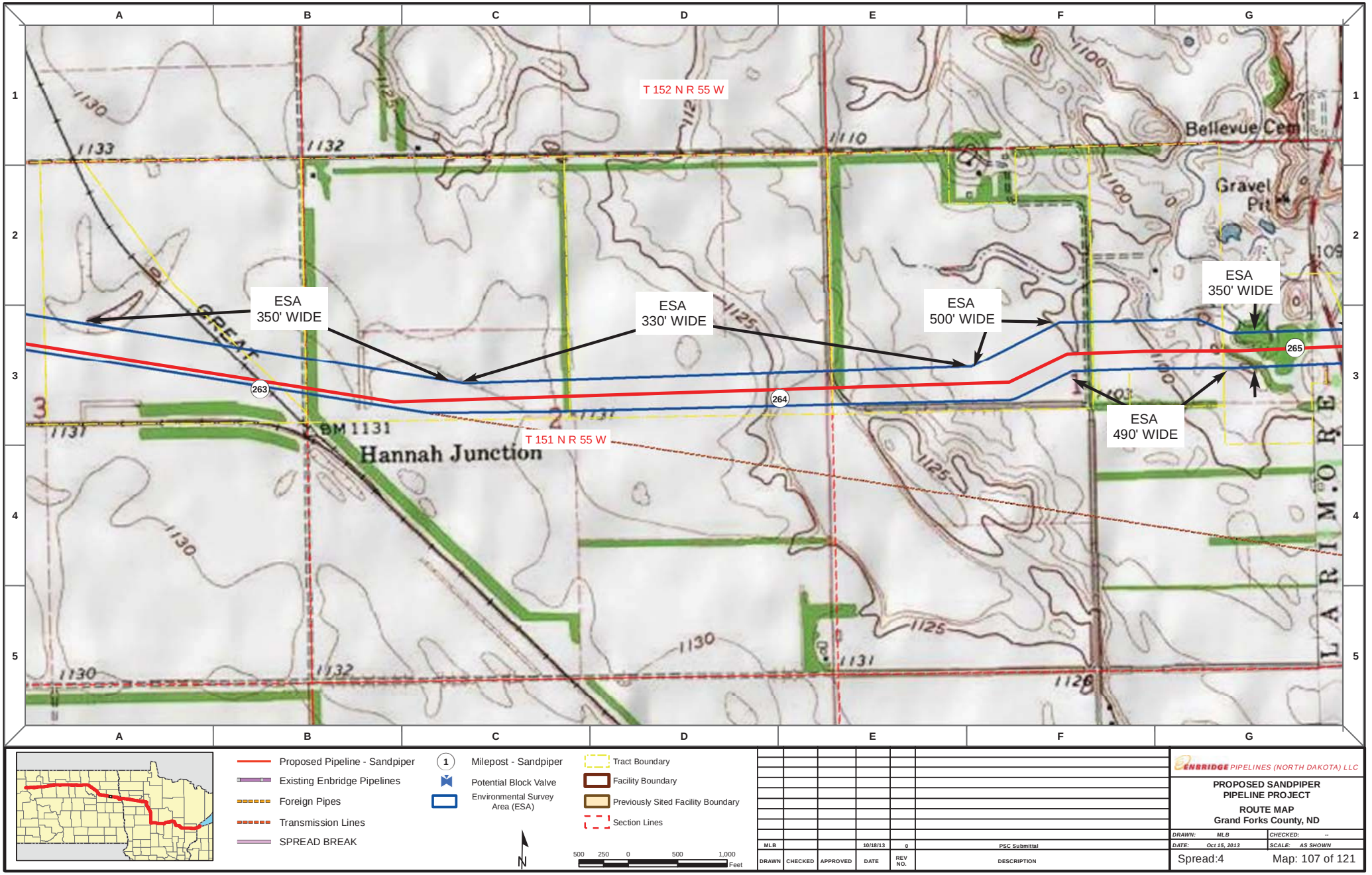
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PROPOSED SANDPIPER PIPELINE PROJECT

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Grand Forks County, ND

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Proposed Pipeline - Sandpiper
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ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

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Proposed Pipeline - Sandpiper
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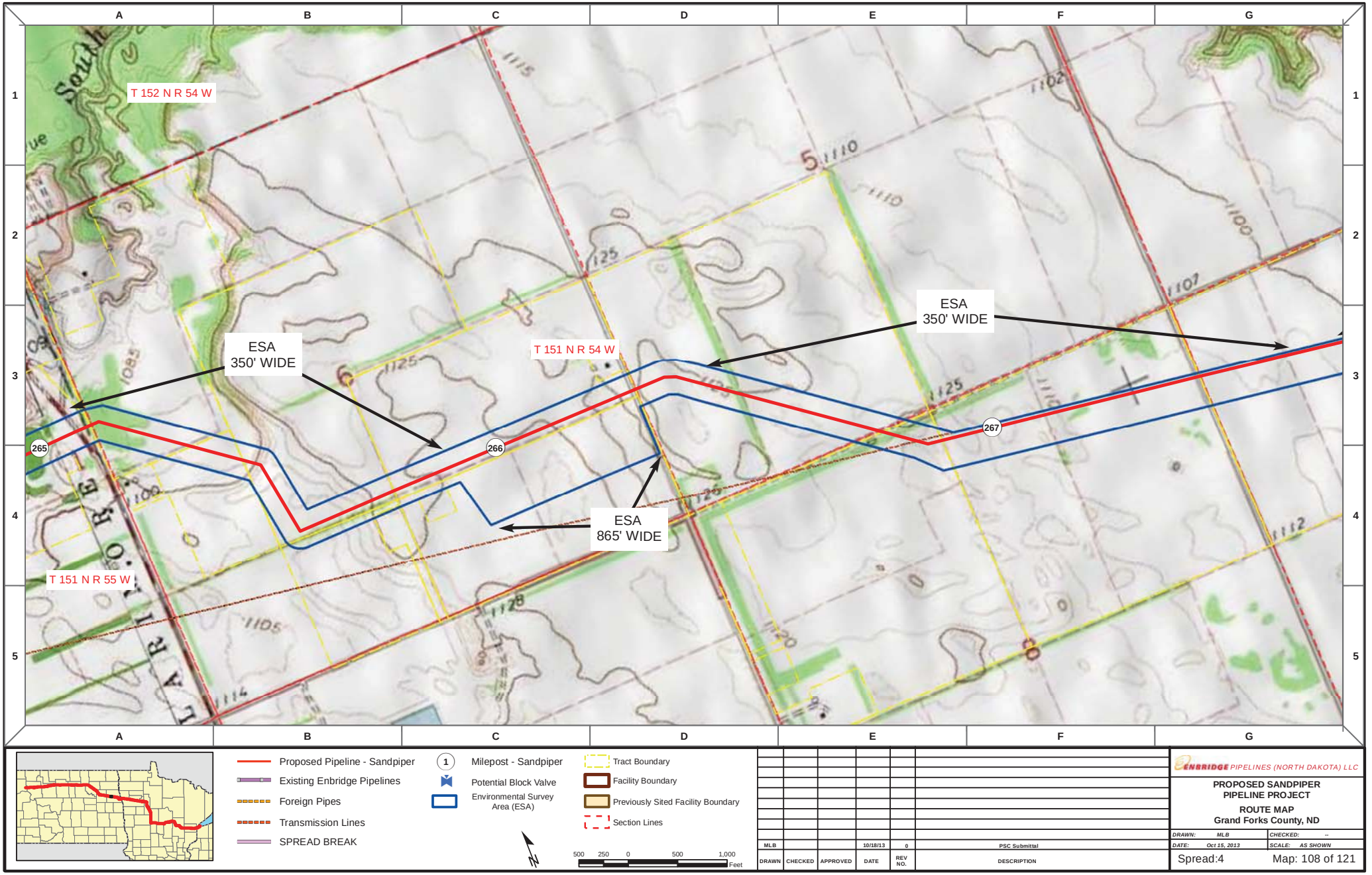
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PROPOSED SANDPIPER PIPELINE PROJECT

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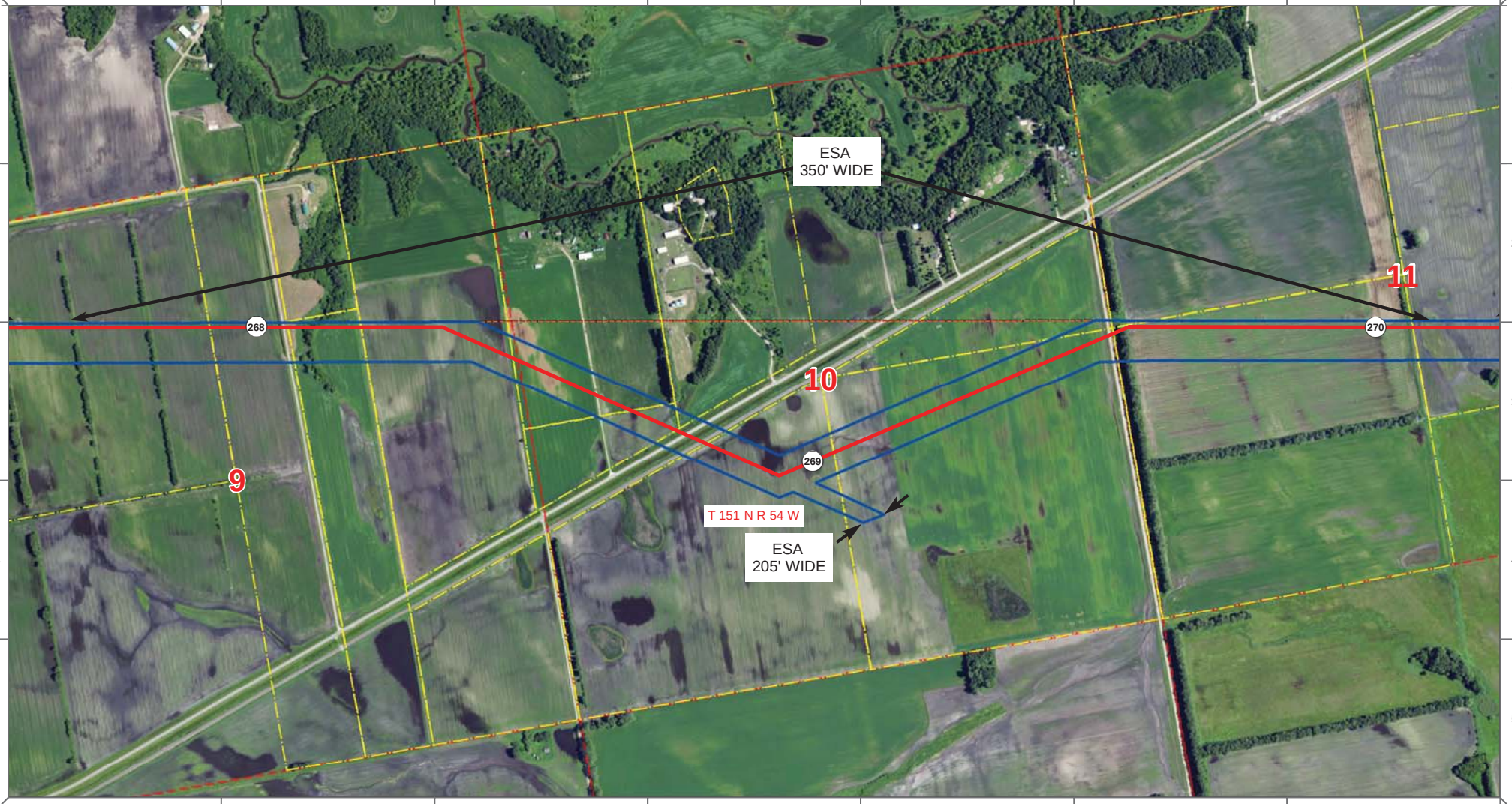
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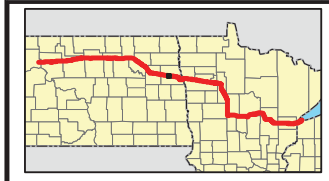
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Proposed Pipeline - Sandpiper
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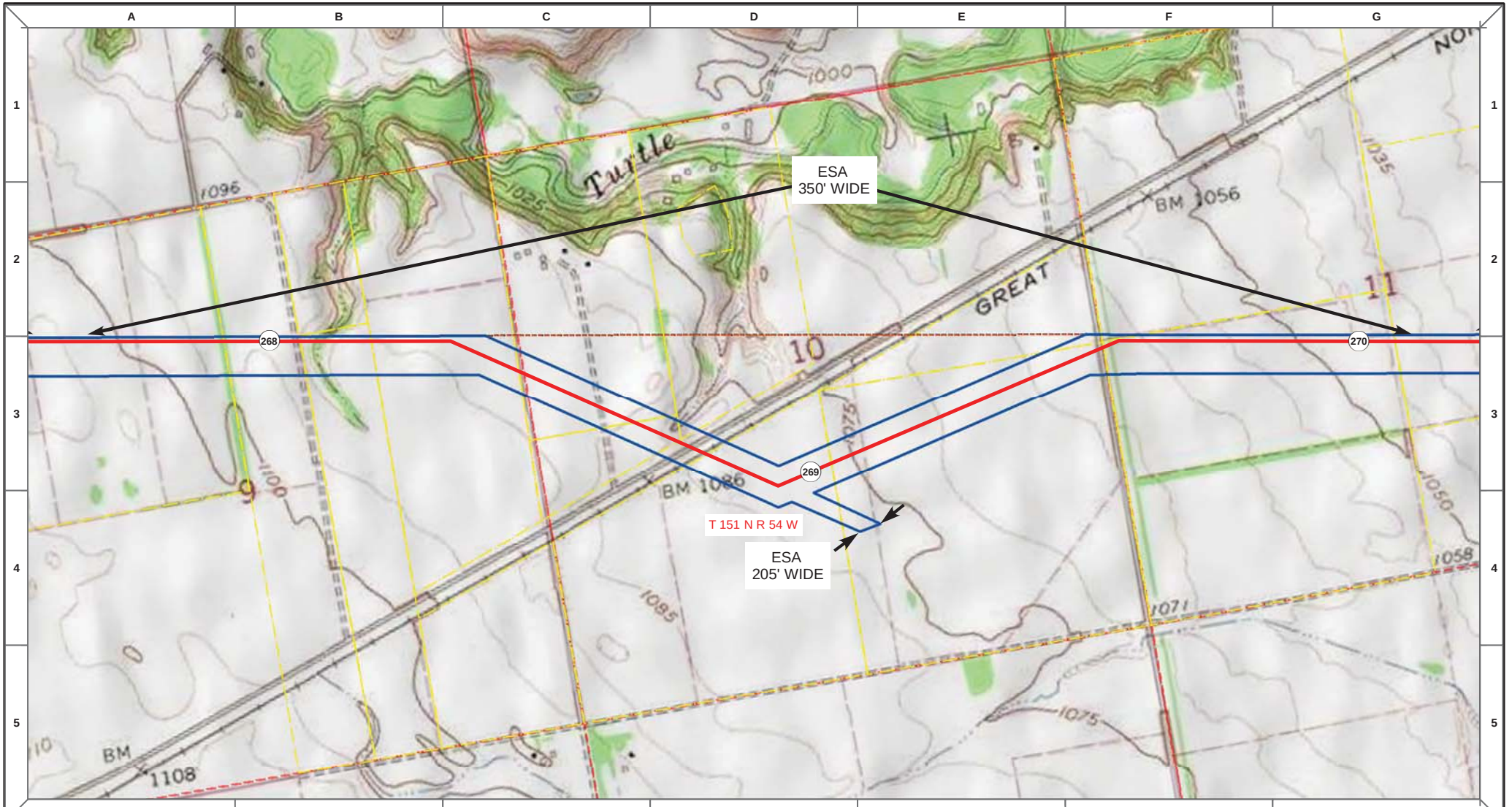
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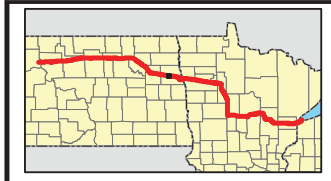
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Grand Forks County, ND

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Proposed Pipeline - Sandpiper
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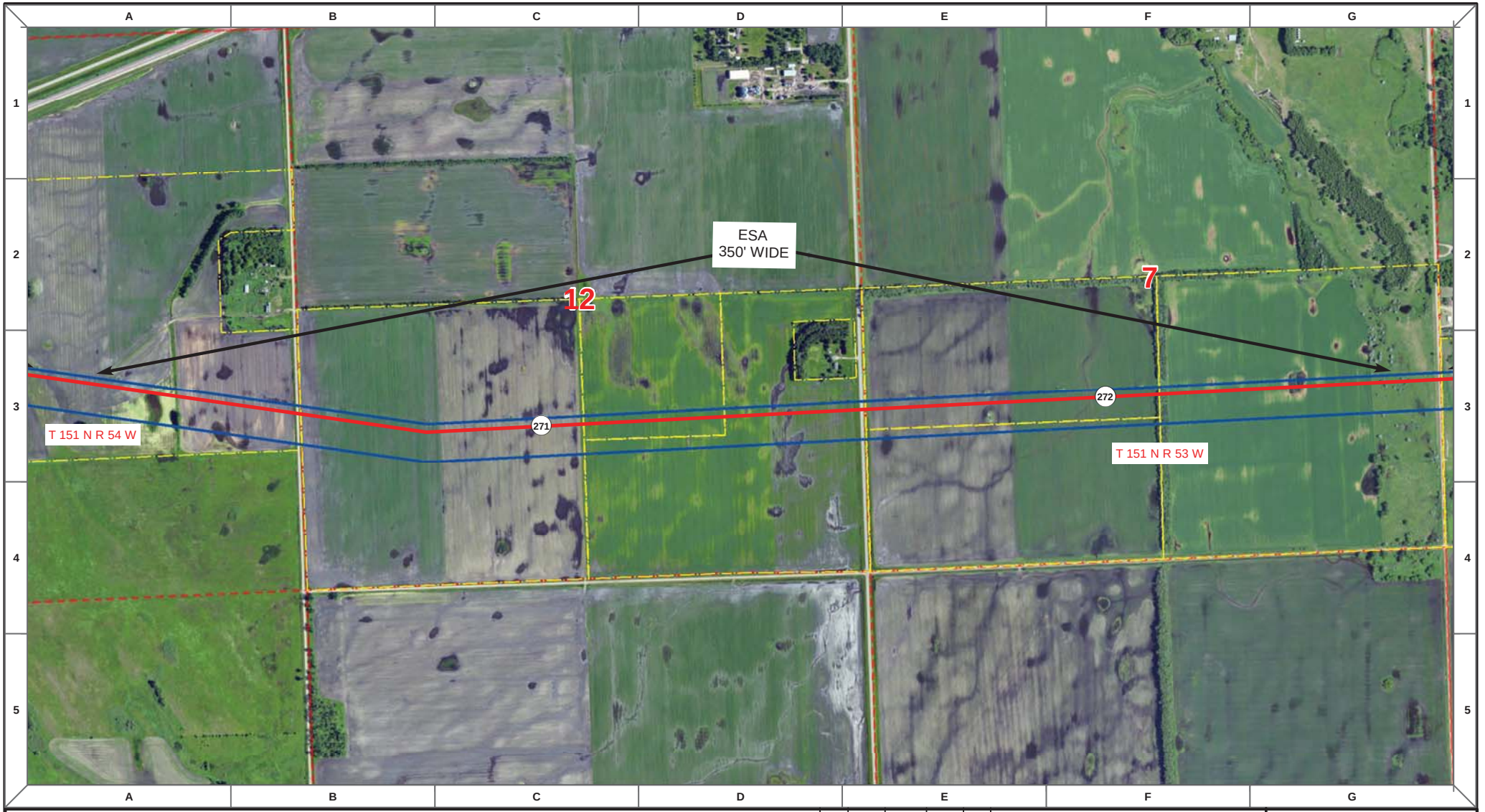
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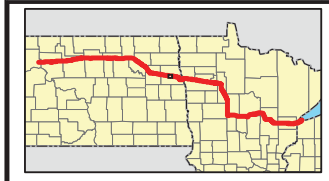
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Proposed Pipeline - Sandpiper
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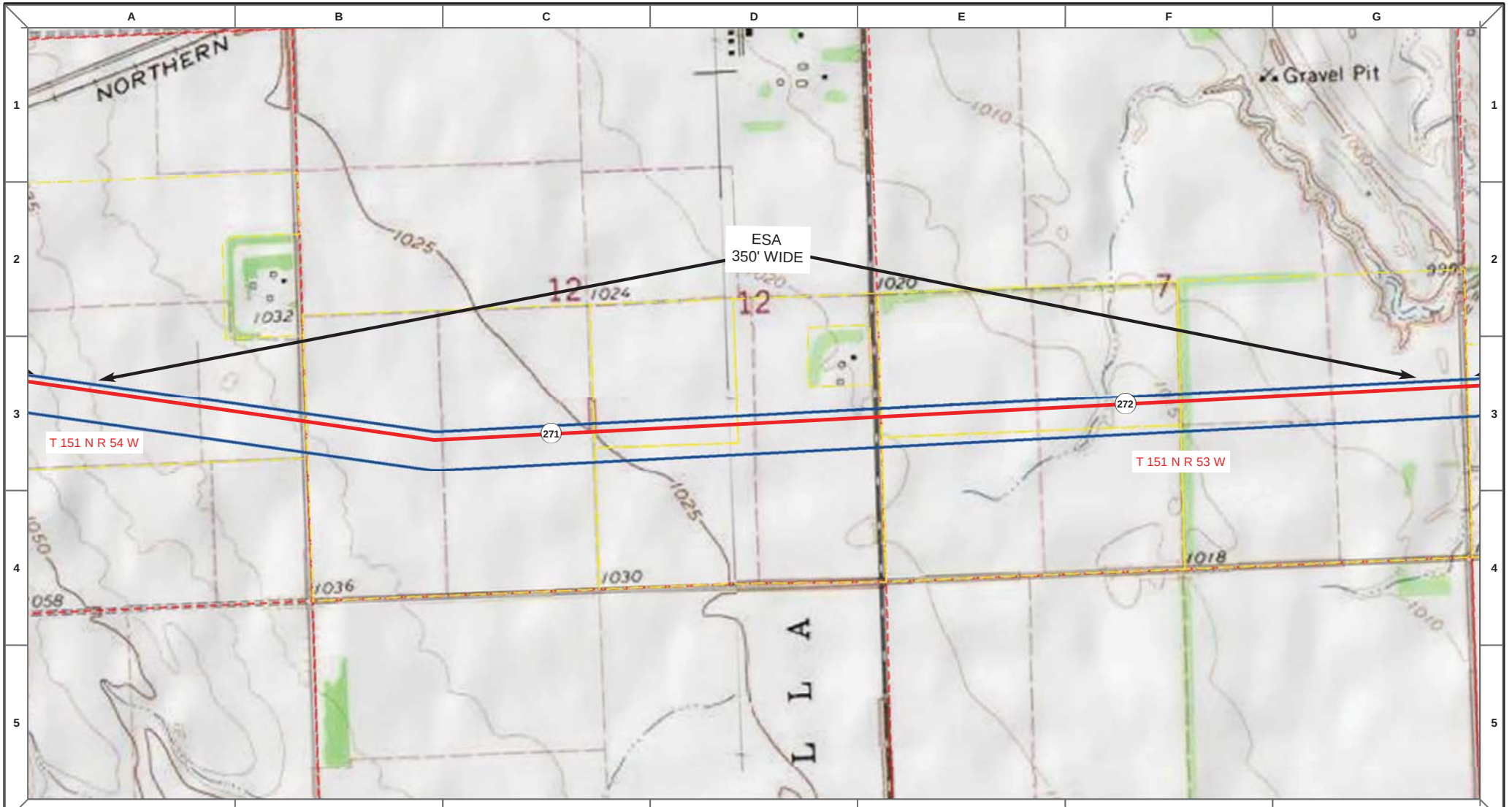
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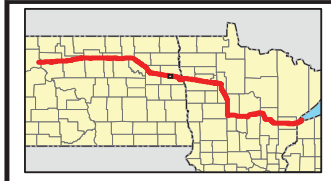
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1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

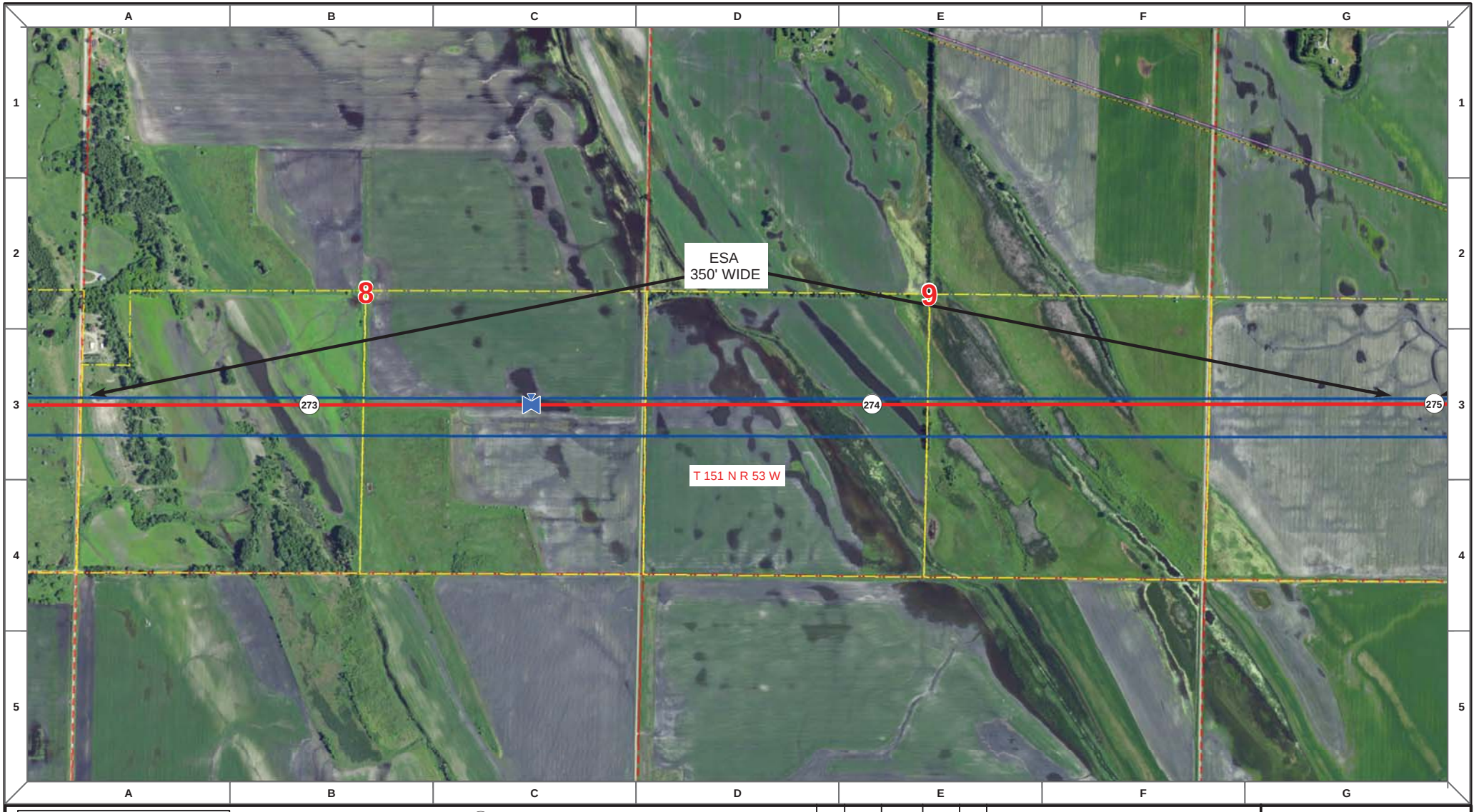
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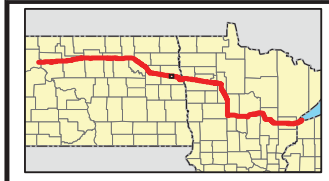
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:4 Map: 110 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

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500 250 0 500 1,000 Feet

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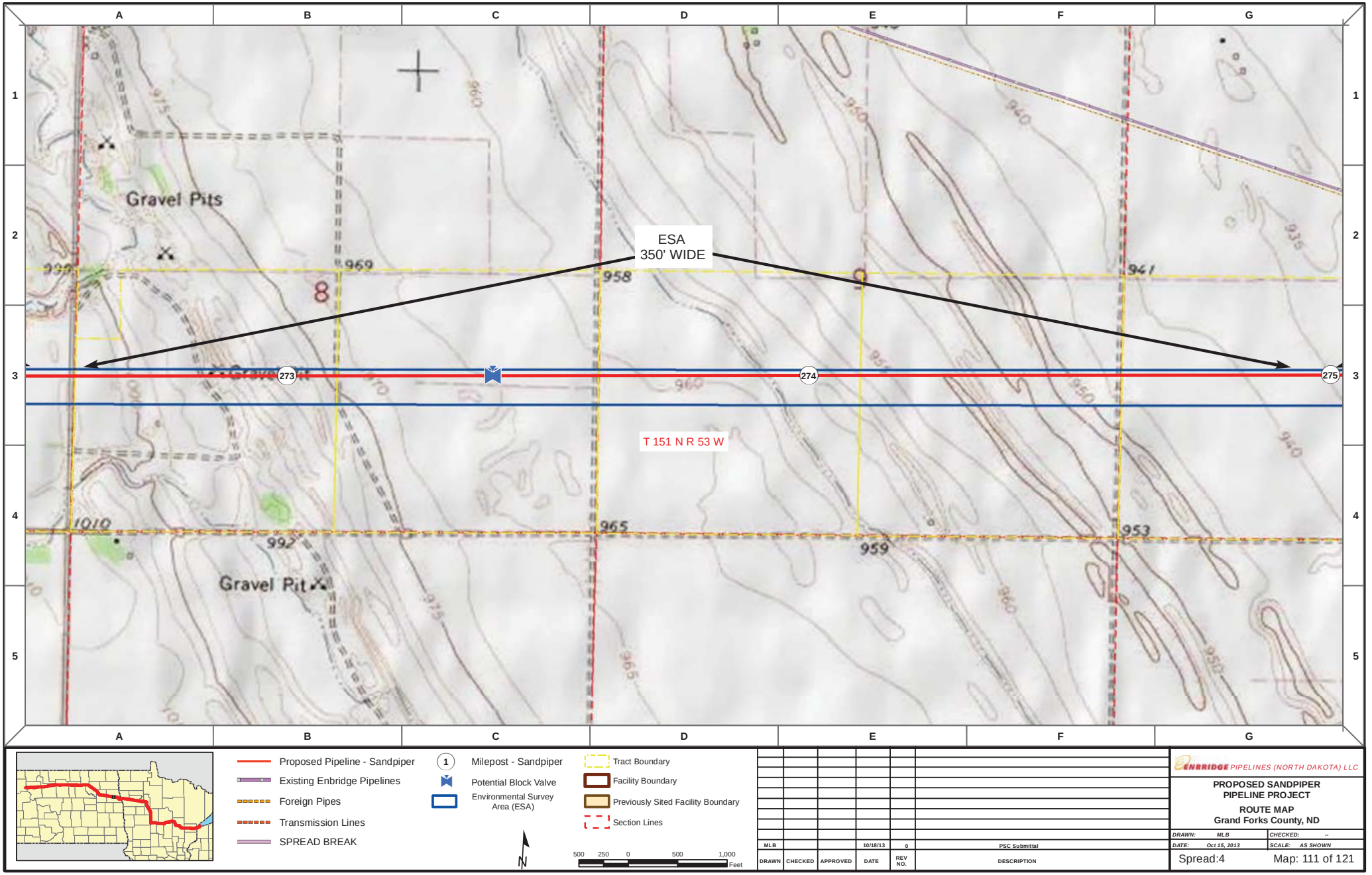
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:4 Map: 111 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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500 250 0 500 1,000 Feet

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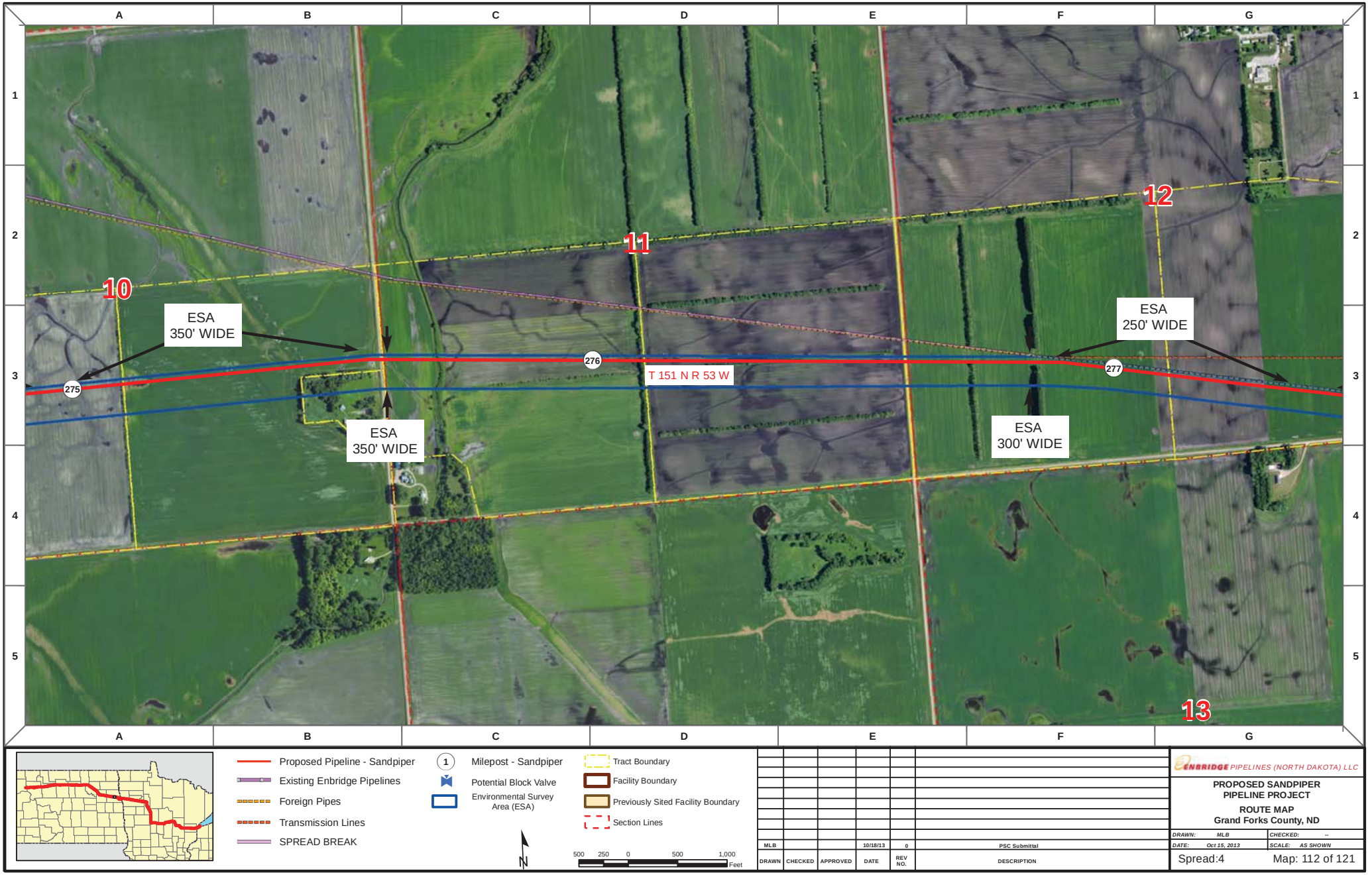
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
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500 250 0 500 1,000 Feet

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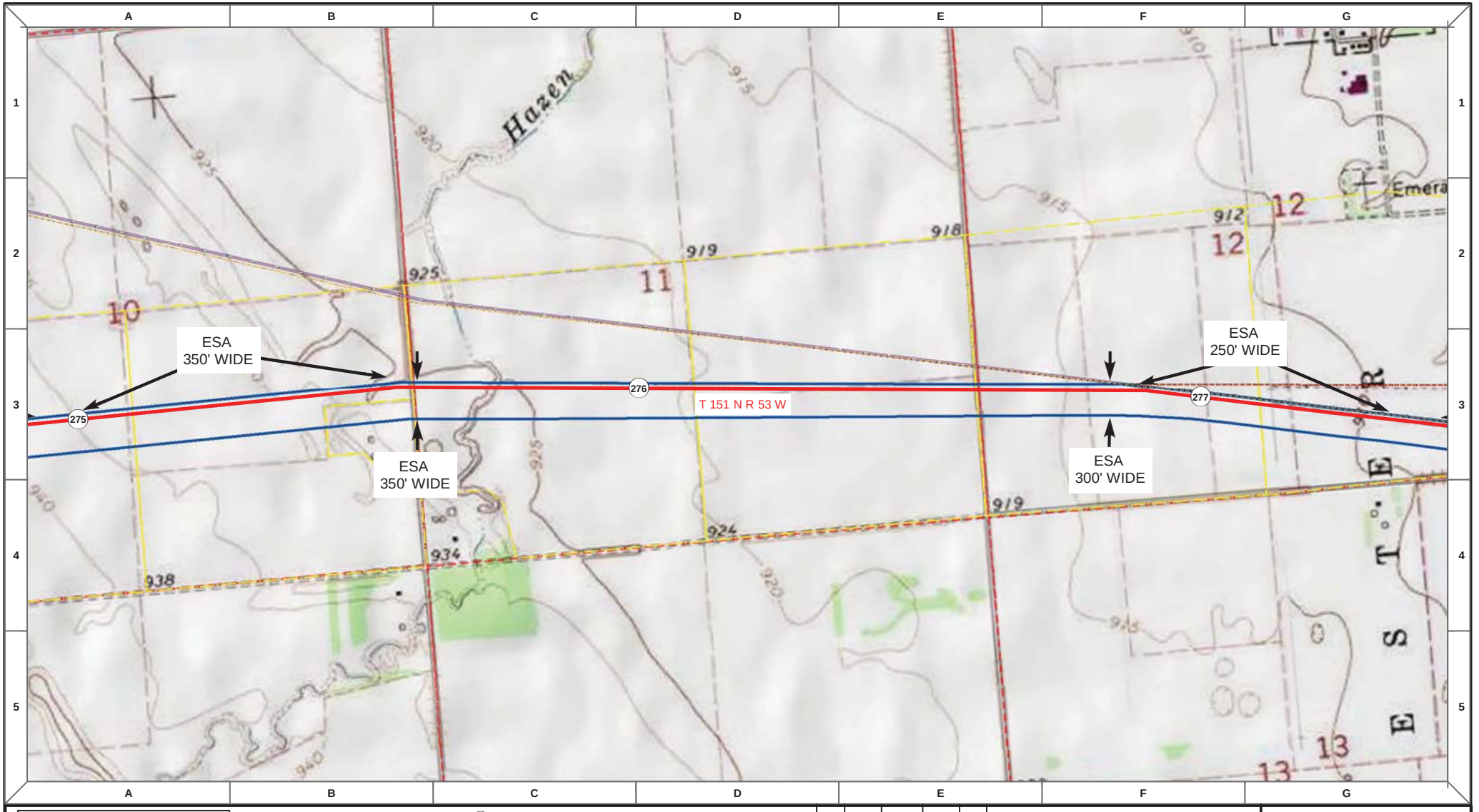
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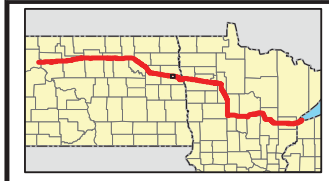
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

DRAWN: MLB CHECKED: --
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Spread:4 Map: 112 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
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Facility Boundary
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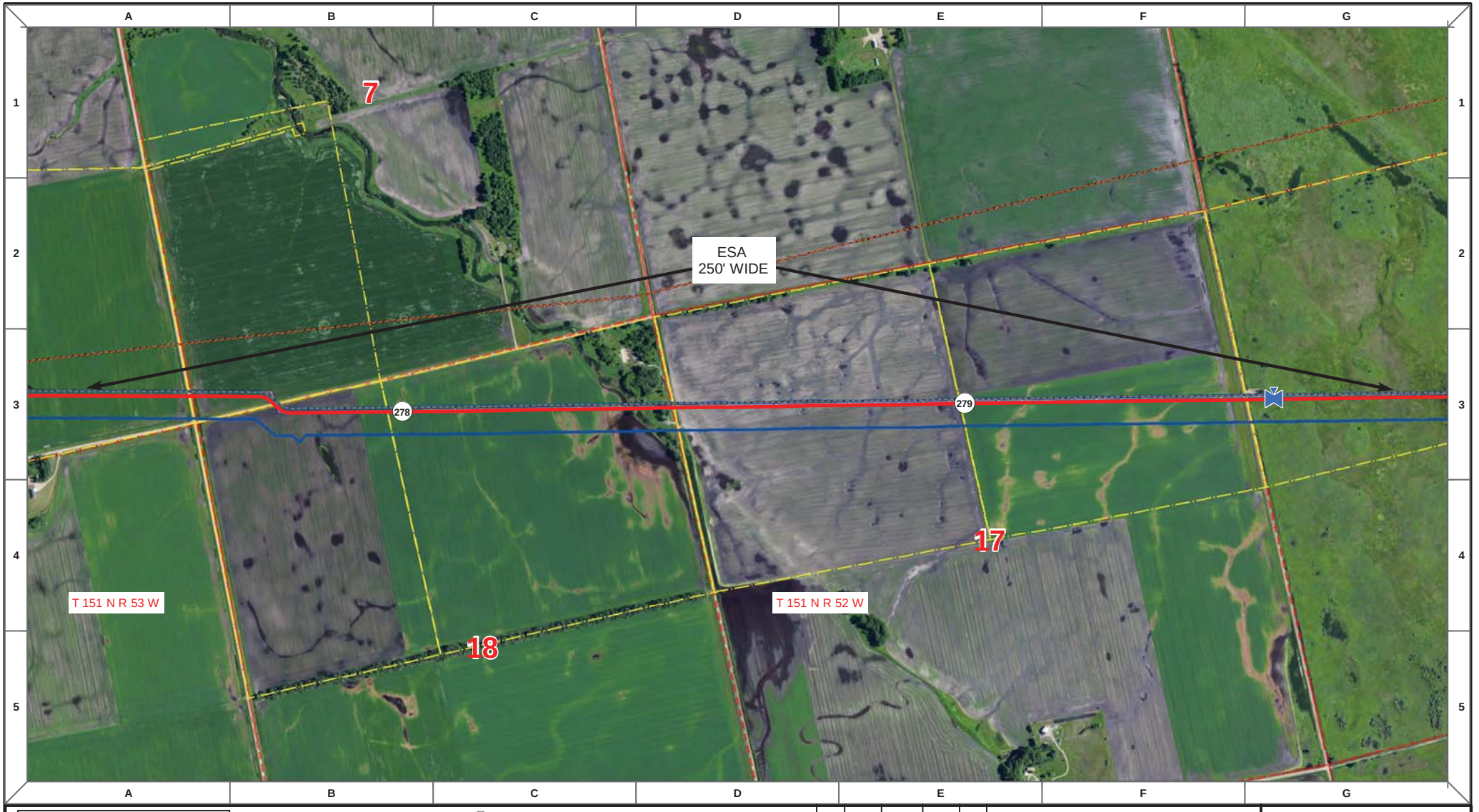
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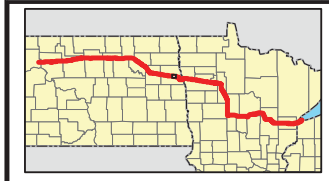
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:4 Map: 112 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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500 250 0 500 1,000 Feet

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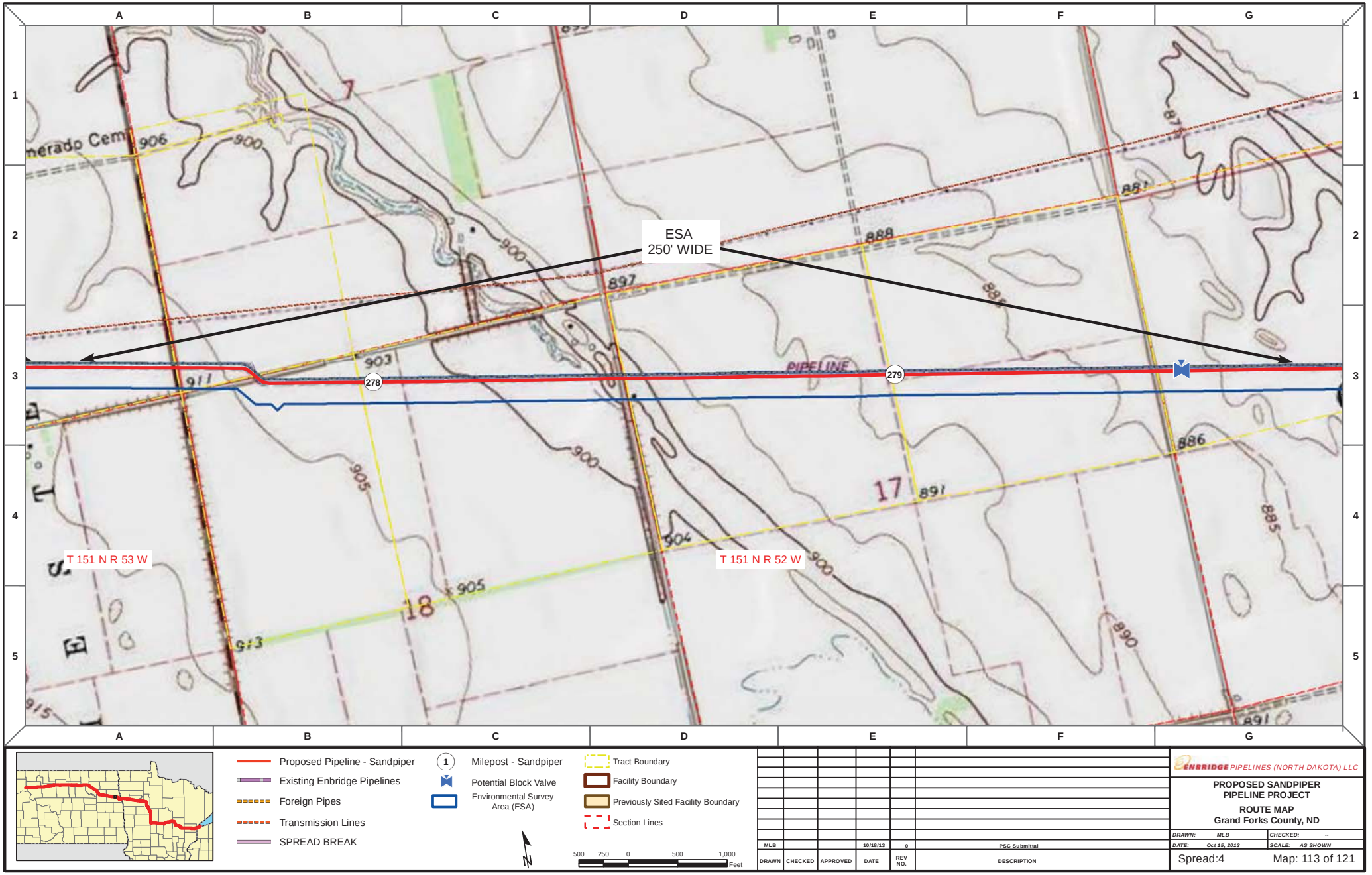
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:4 Map: 113 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
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Tract Boundary
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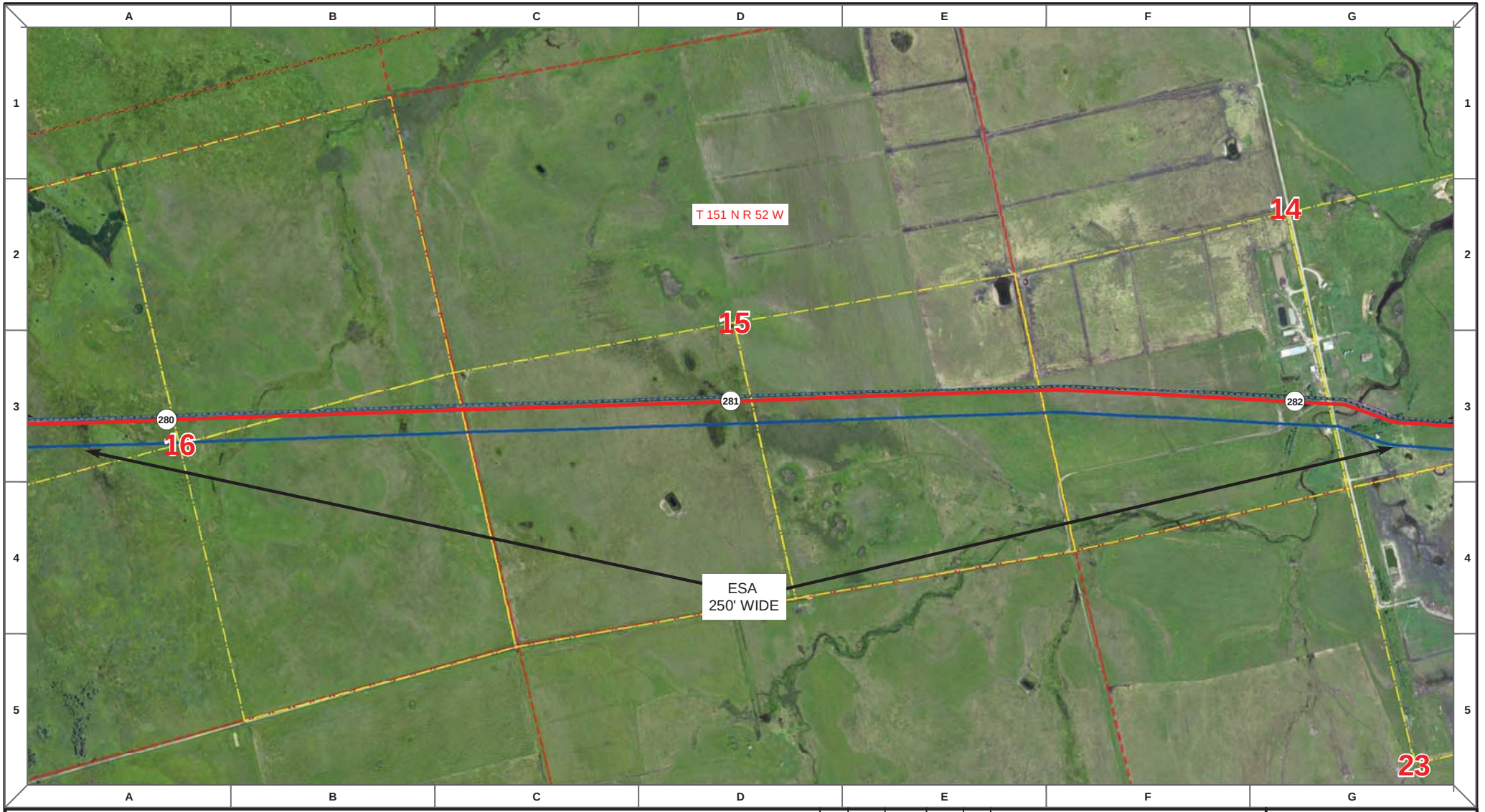
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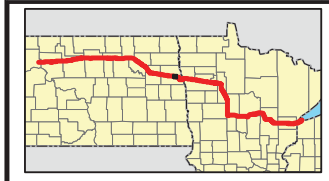
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

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Spread:4 Map: 113 of 121





Proposed Pipeline - Sandpiper
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Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
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Tract Boundary
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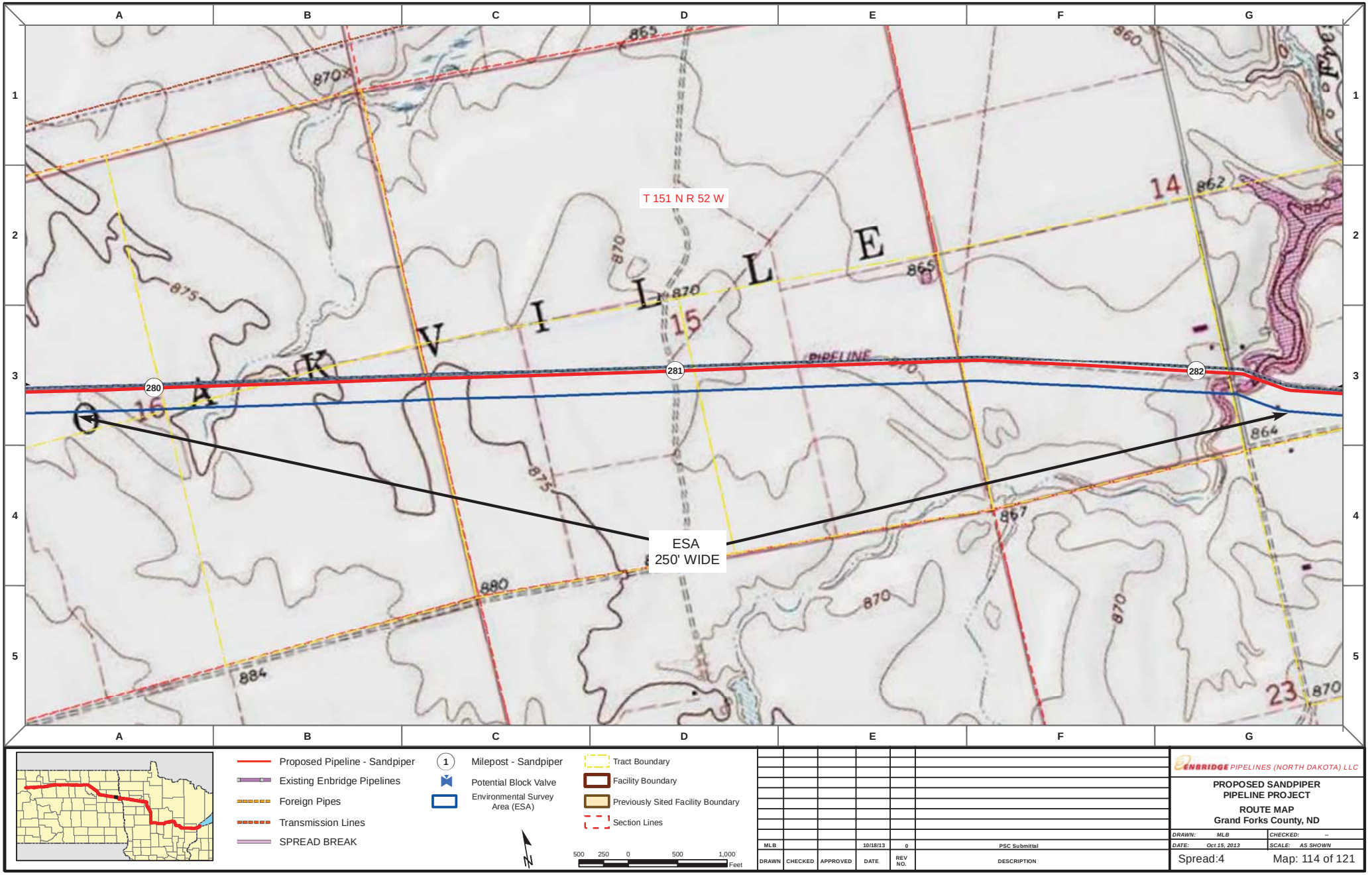
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:4 Map: 114 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
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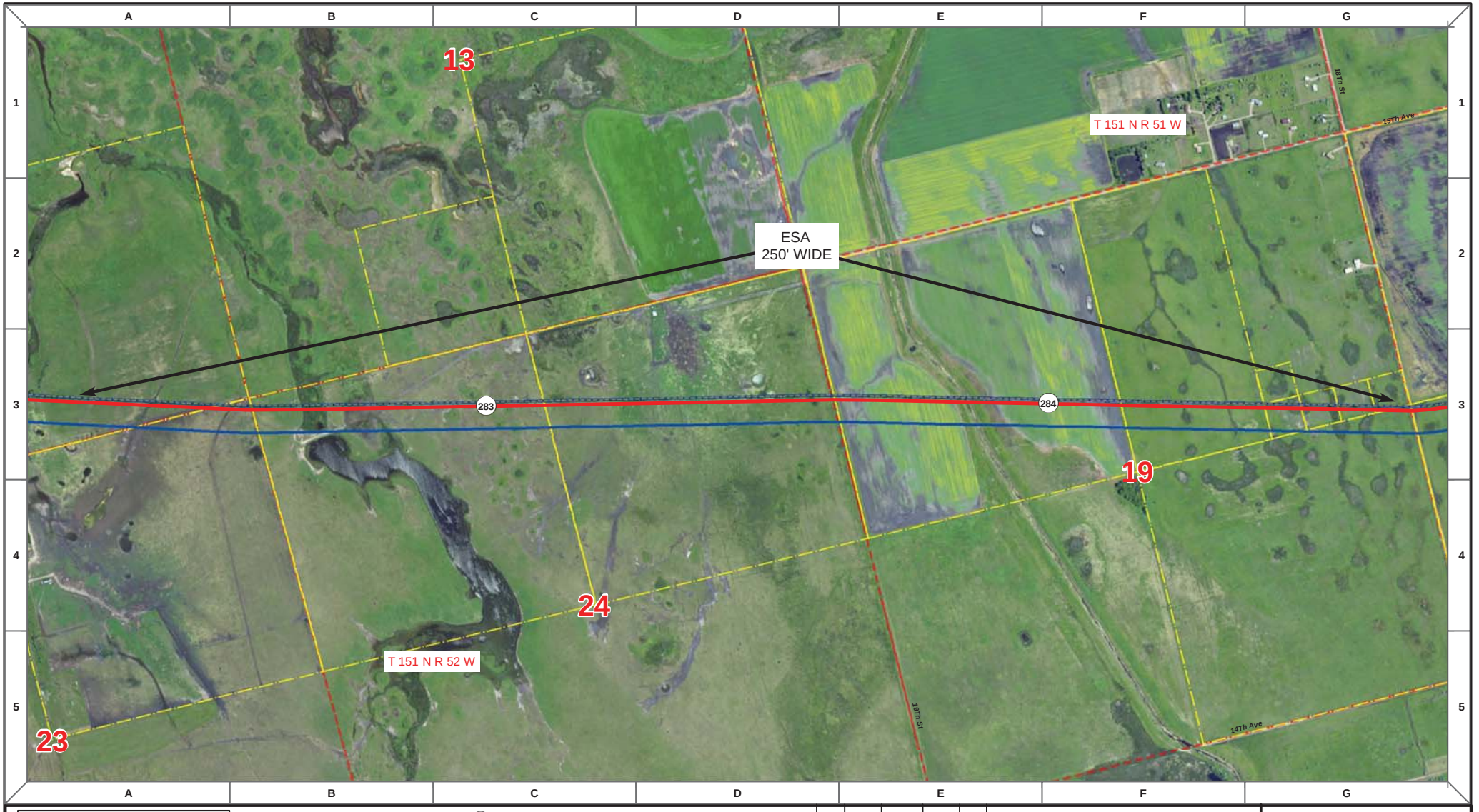
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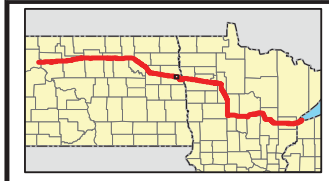
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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500 250 0 500 1,000 Feet

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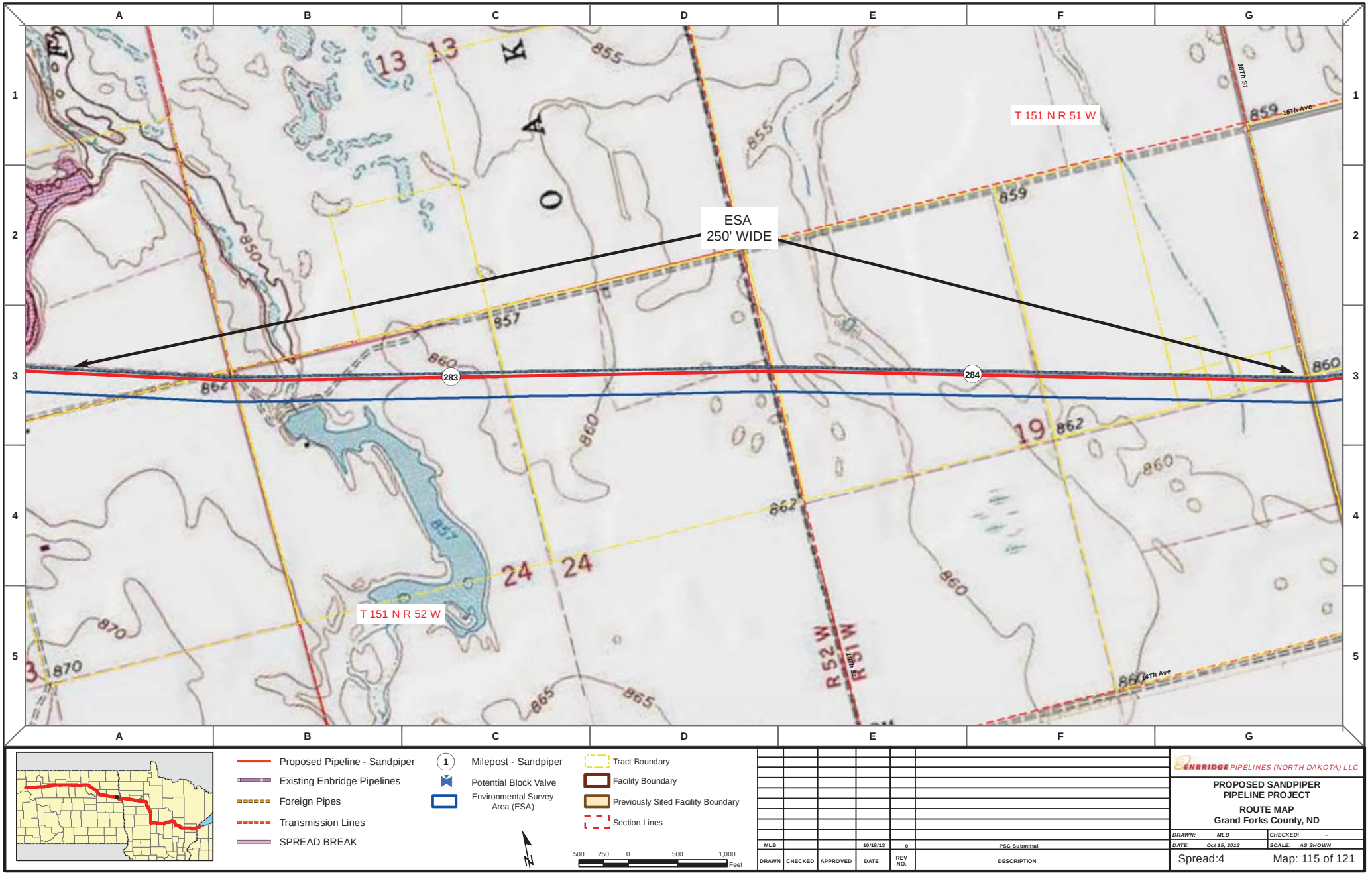
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

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DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:4 Map: 115 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
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500 250 0 500 1,000 Feet

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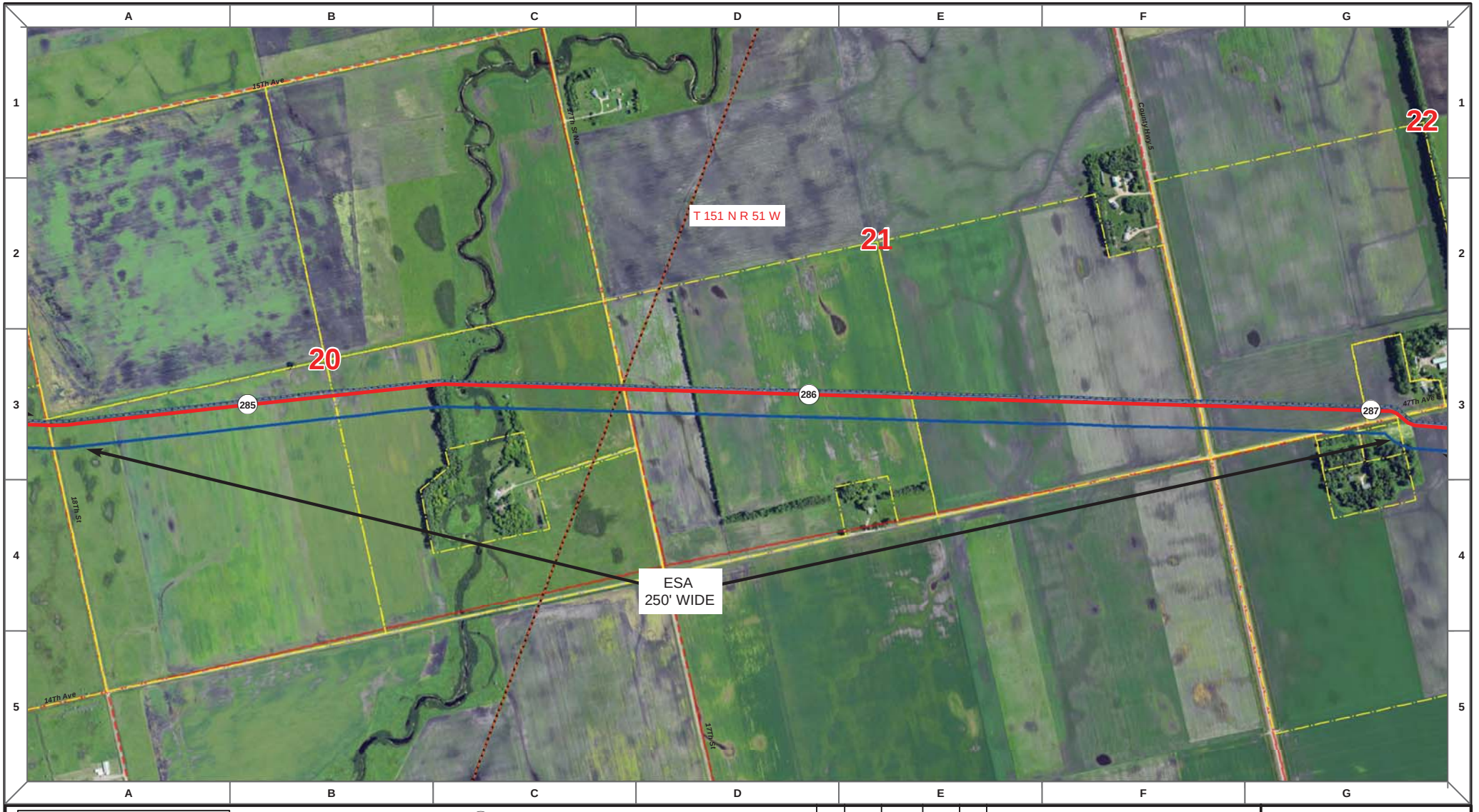
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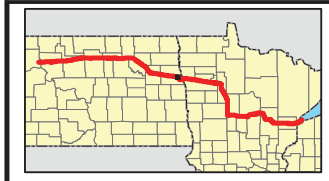
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

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Spread:4 Map: 115 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
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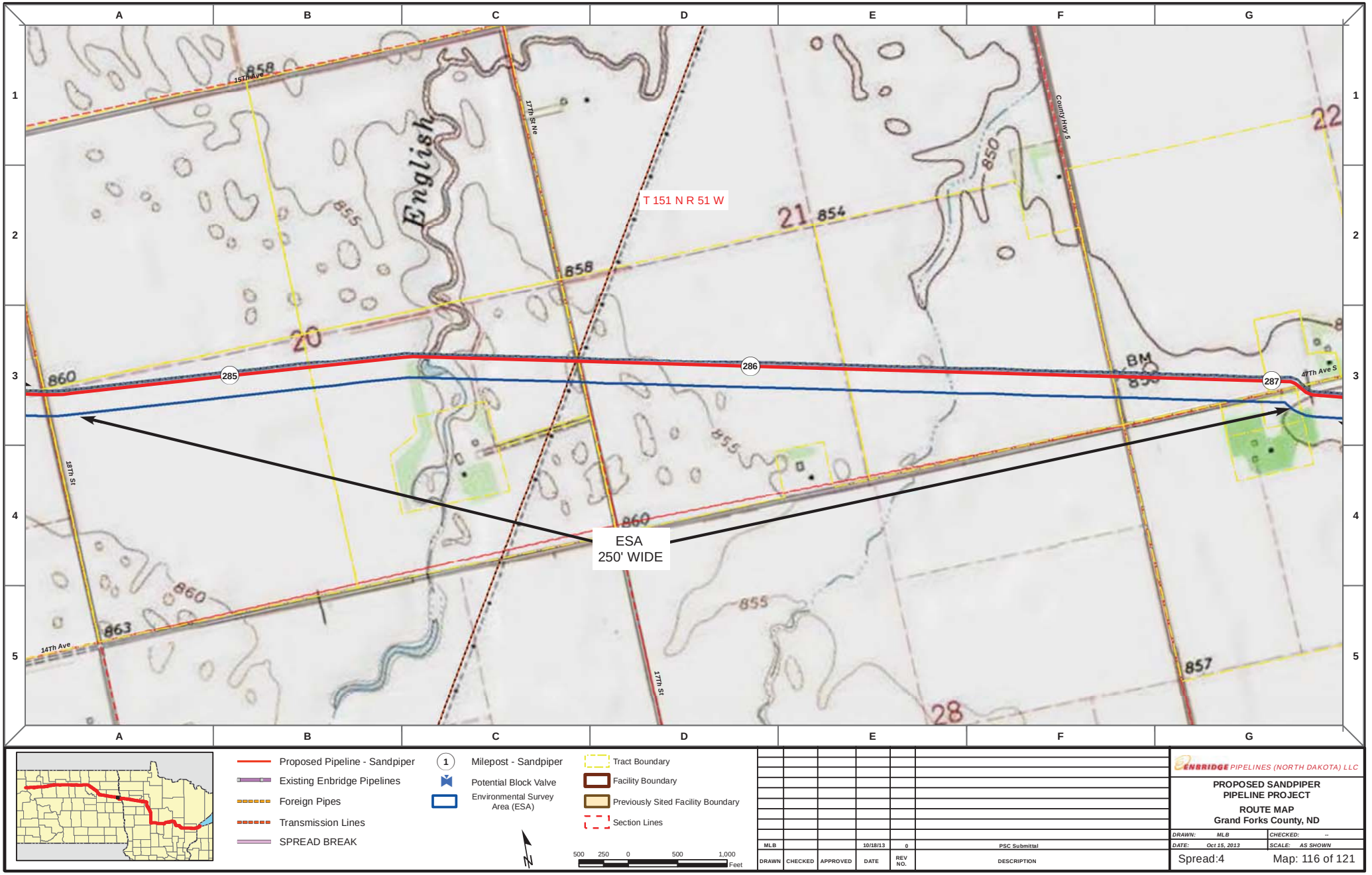
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:4 Map: 116 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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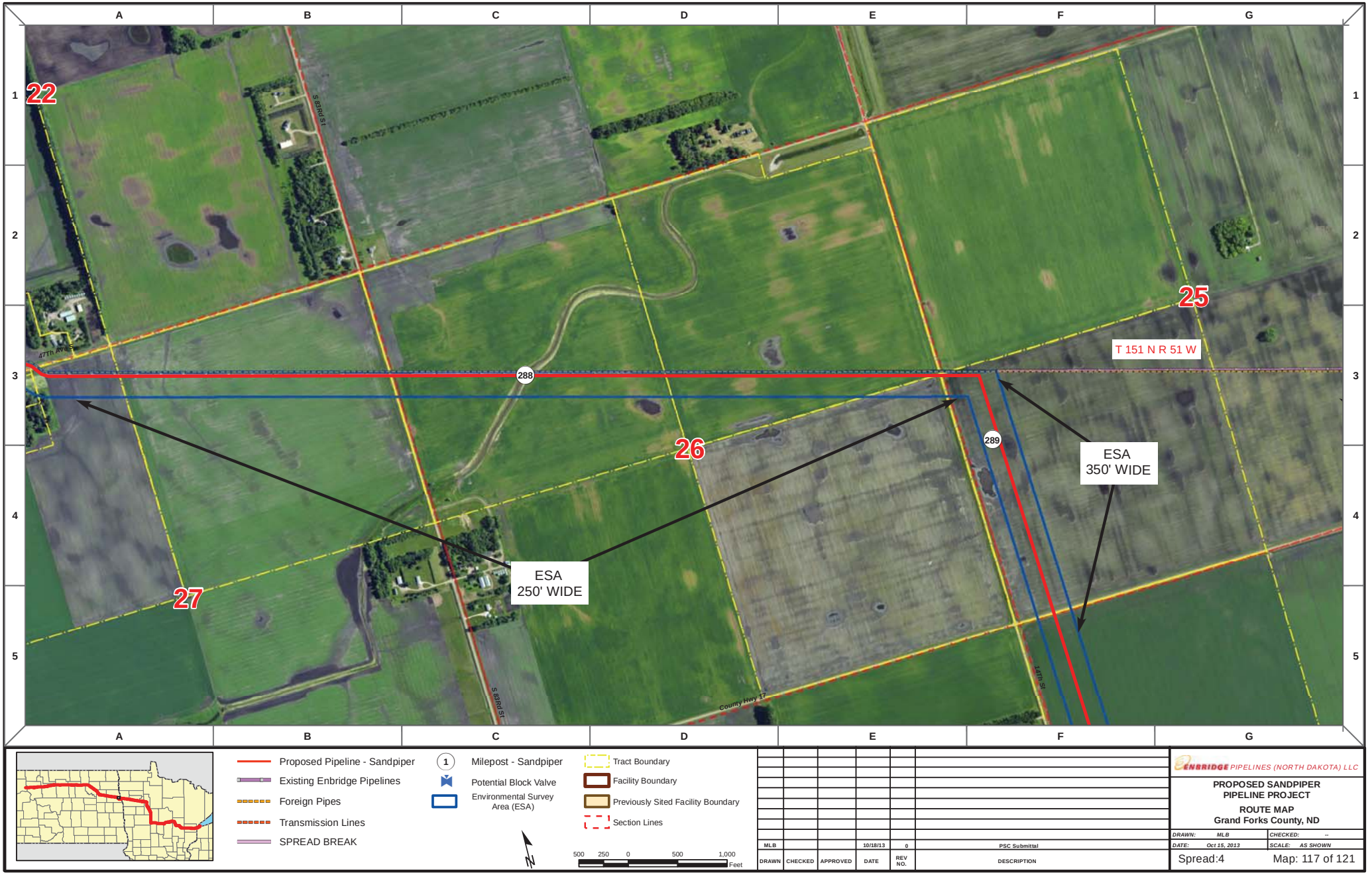
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

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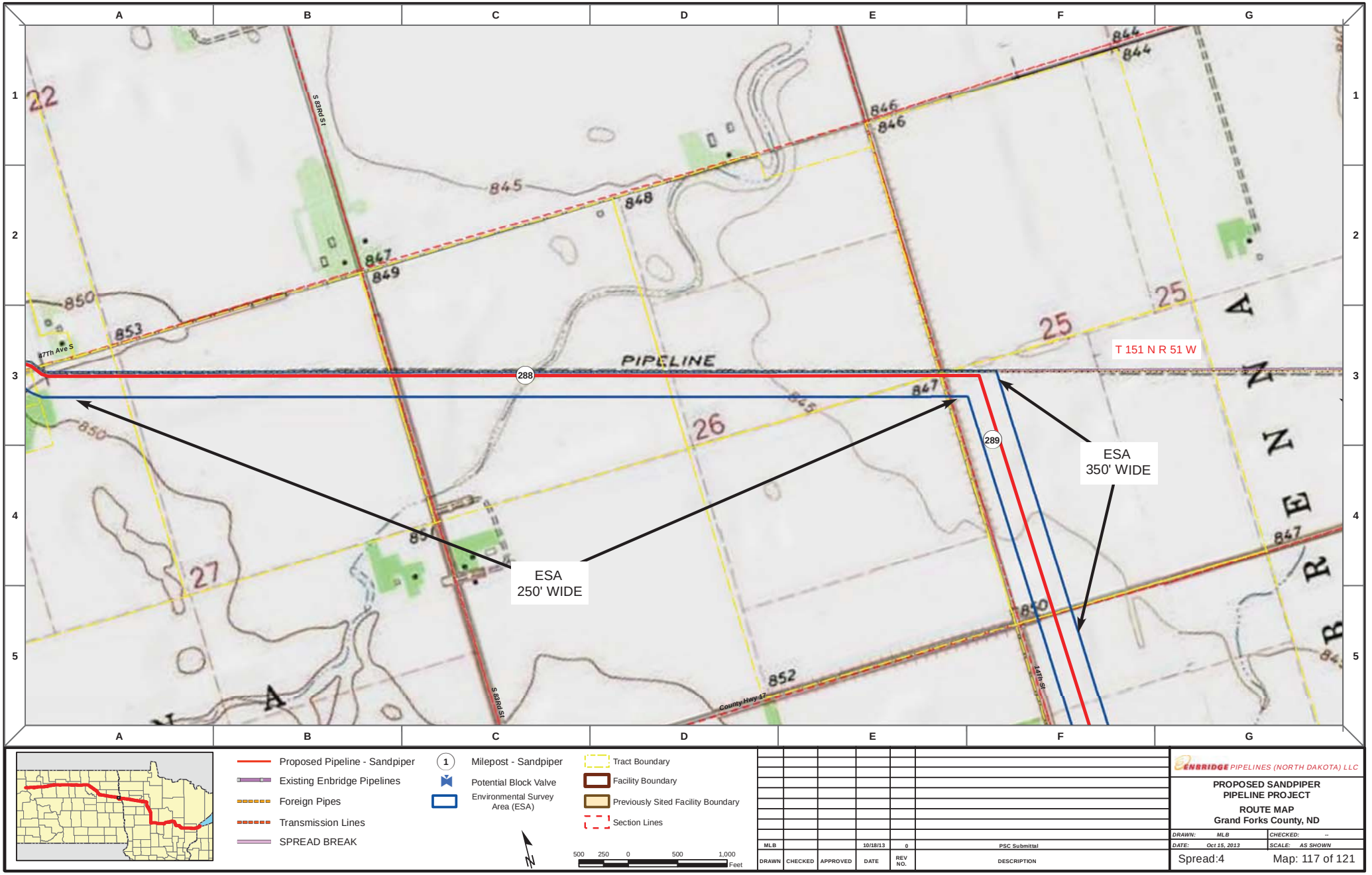
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

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DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:4 Map: 117 of 121



DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:4 Map: 117 of 121


A
B
C
D
E
F
G
1
2
3
4
5
36
35
1
12
292
291
290
ESA
350' WIDE
T 151 N R 51 W
T 150 N R 51 W
County Hwy 6
127th Ave Ne
117th Ave
Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK
Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)
Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines
500 250 0 500 1,000
Feet
MLB
10/18/13
0
PSC Submittal
DRAWN
CHECKED
APPROVED
DATE
REV NO.
DESCRIPTION
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC
PROPOSED SANDPIPER PIPELINE PROJECT
ROUTE MAP
Grand Forks County, ND
DRAWN: MLB
CHECKED: --
DATE: Oct 15, 2013
SCALE: AS SHOWN
Spread:4
Map: 118 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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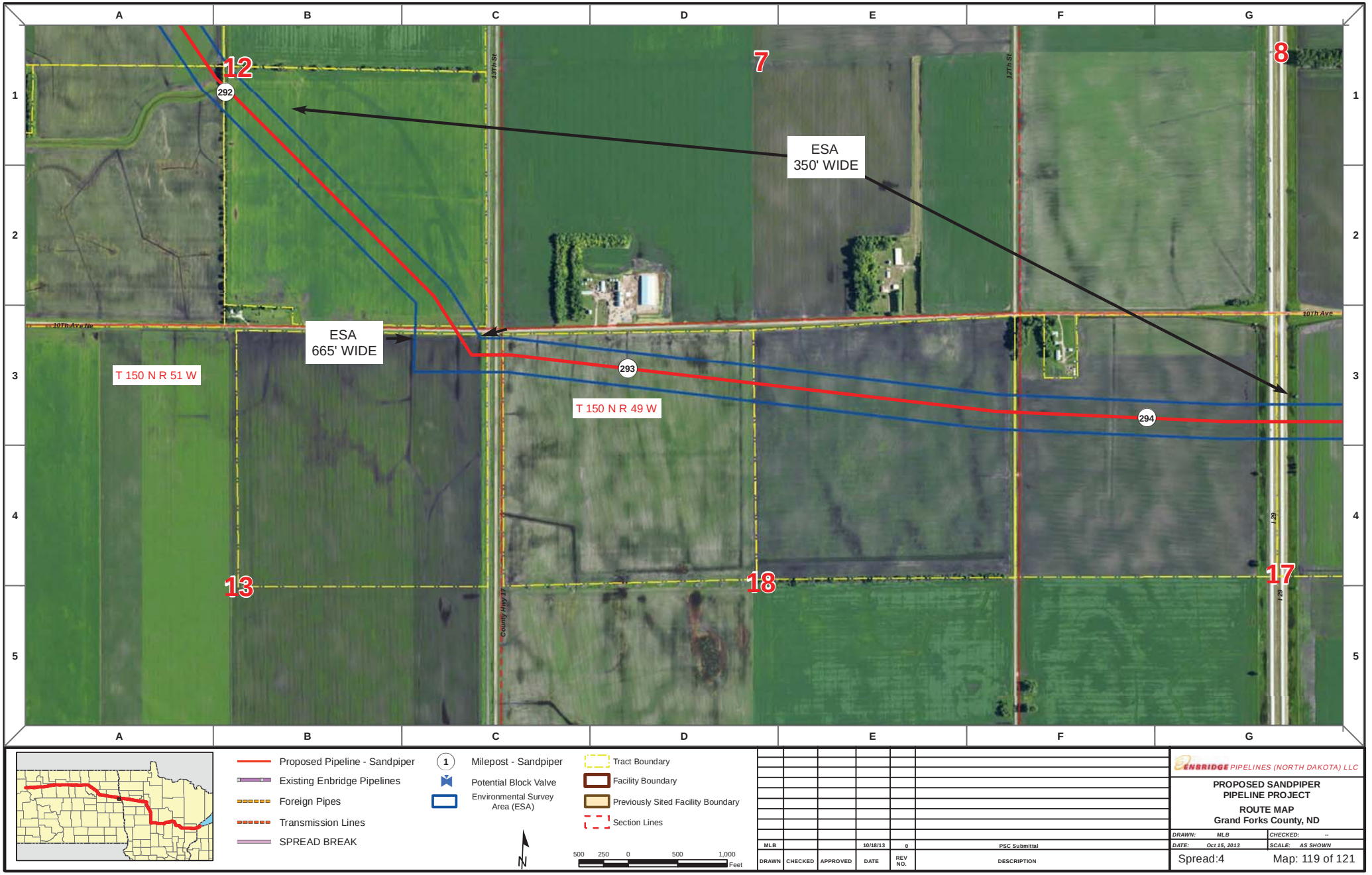
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

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DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:4 Map: 118 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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N

500 250 0 500 1,000 Feet

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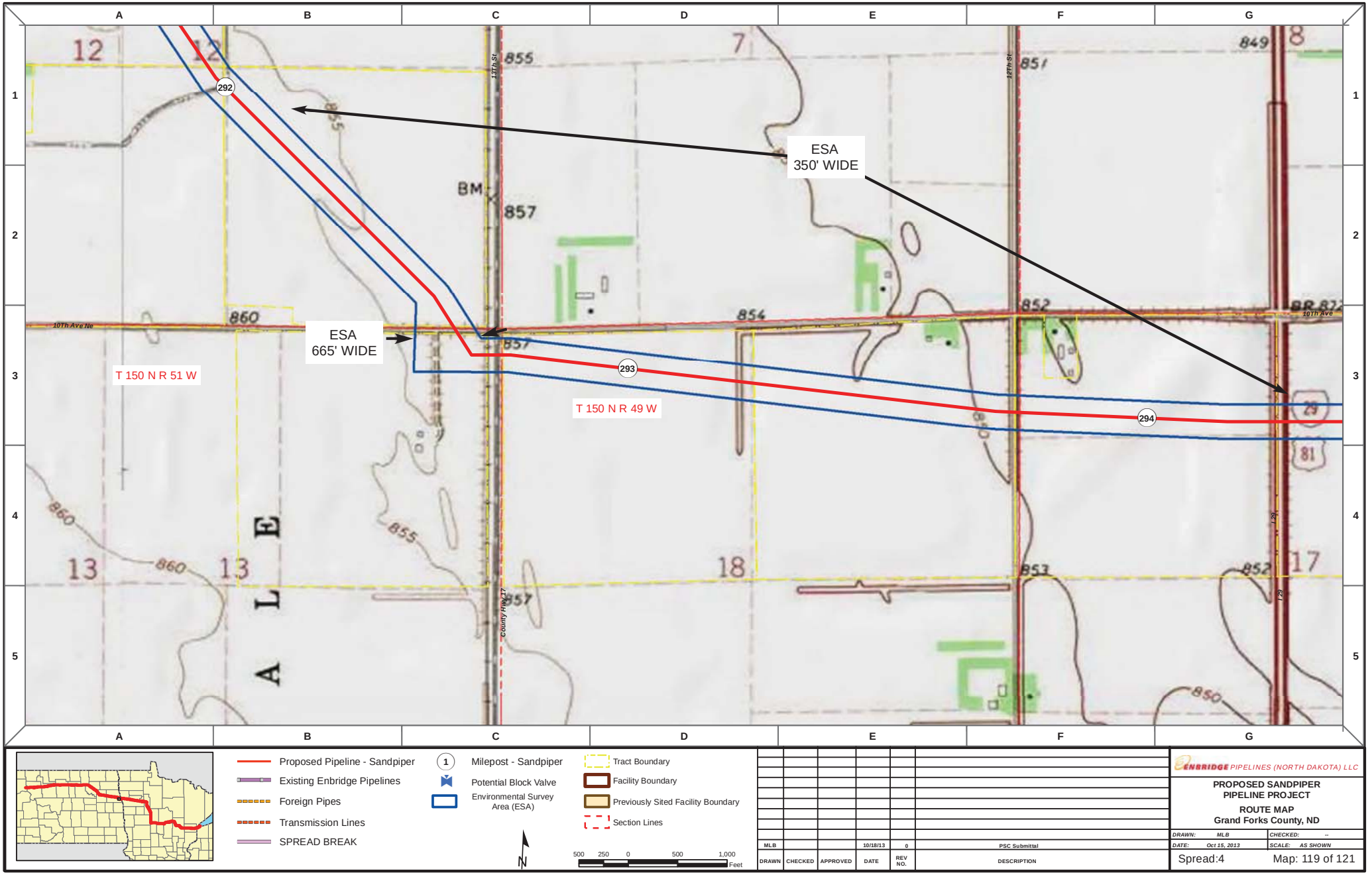
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

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DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:4 Map: 119 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
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Tract Boundary
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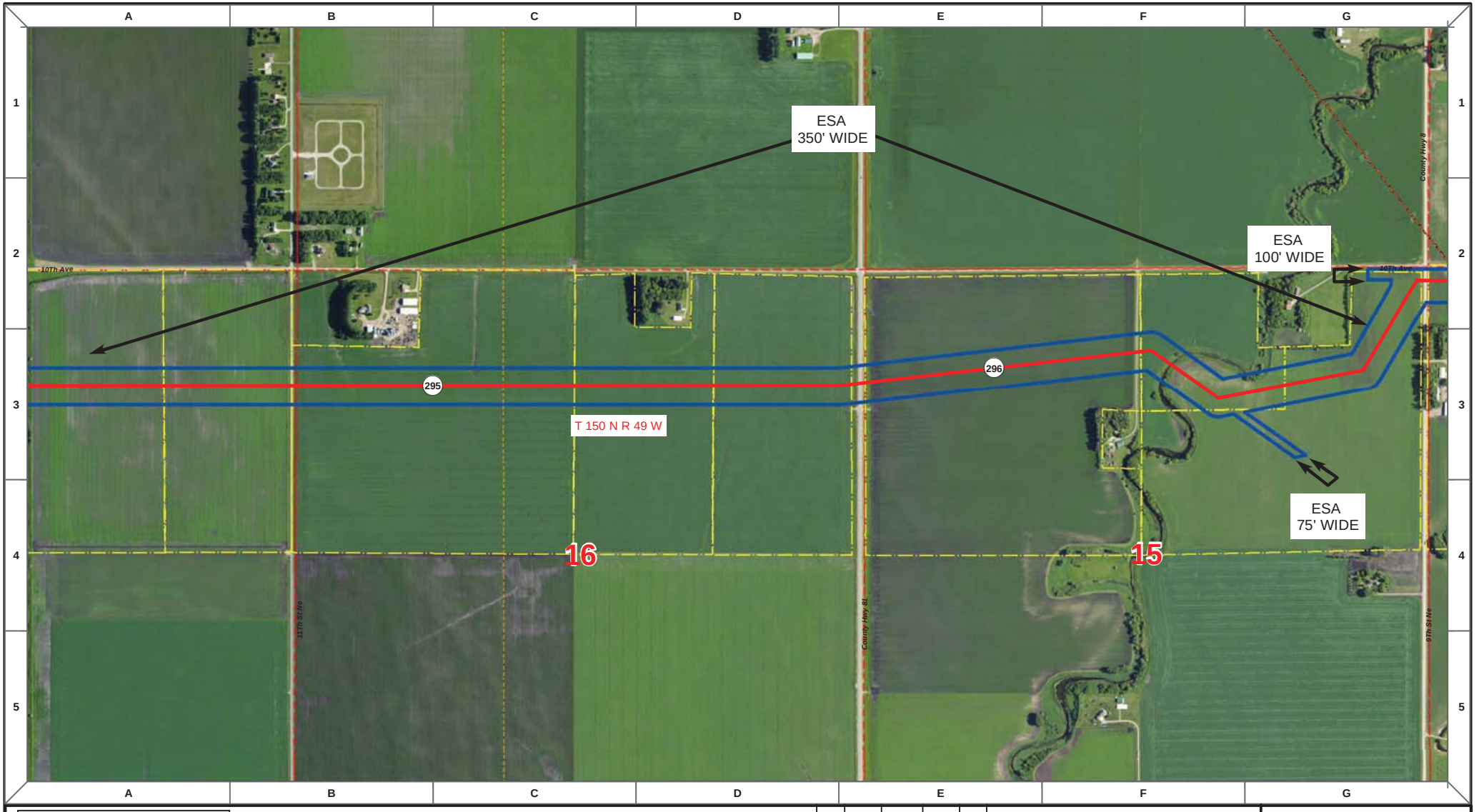
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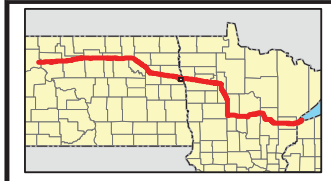
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

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DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:4 Map: 119 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve

Environmental Survey Area (ESA)
Tract Boundary
Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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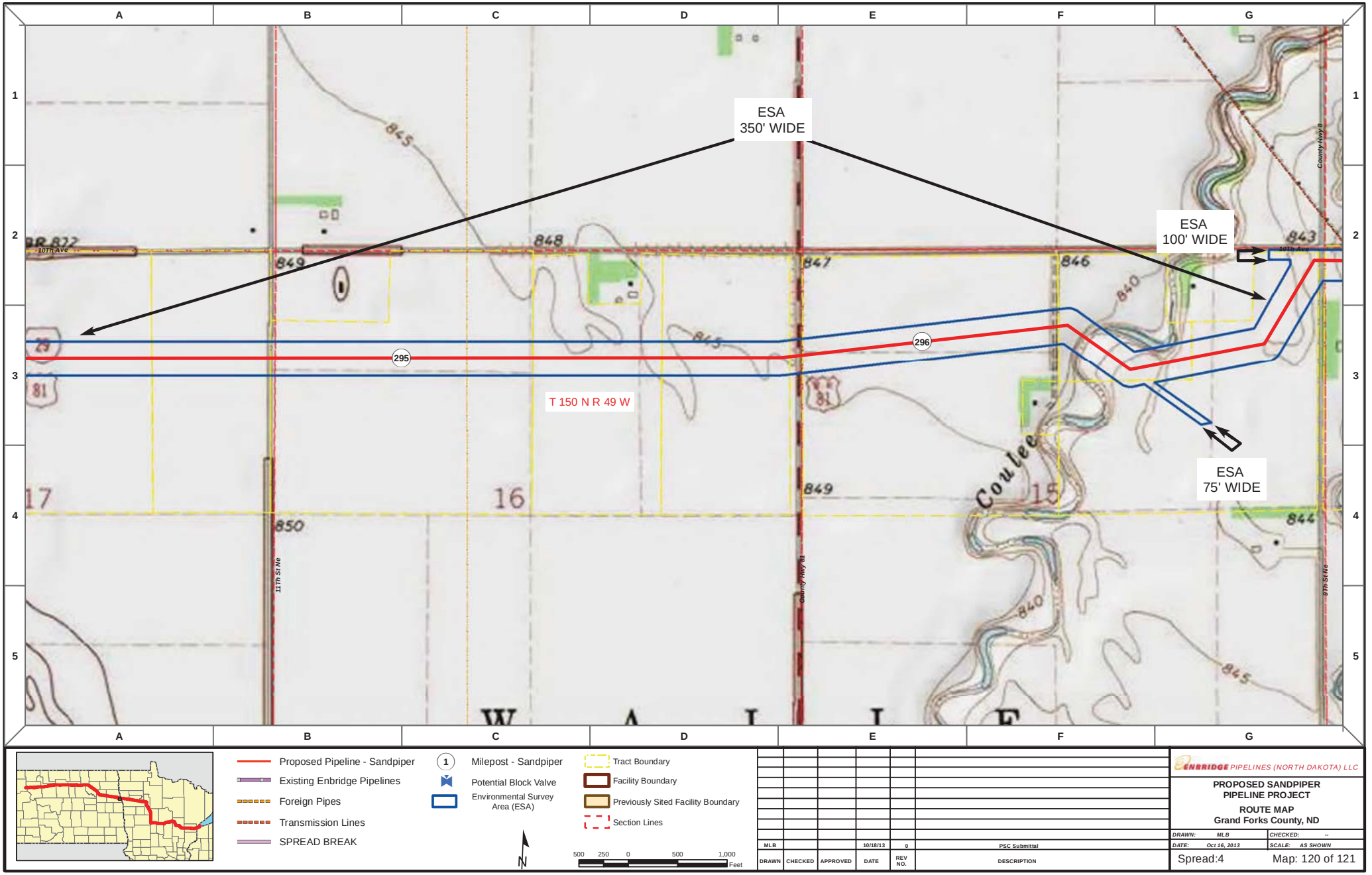
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 16, 2013 SCALE: AS SHOWN

Spread:4 Map: 120 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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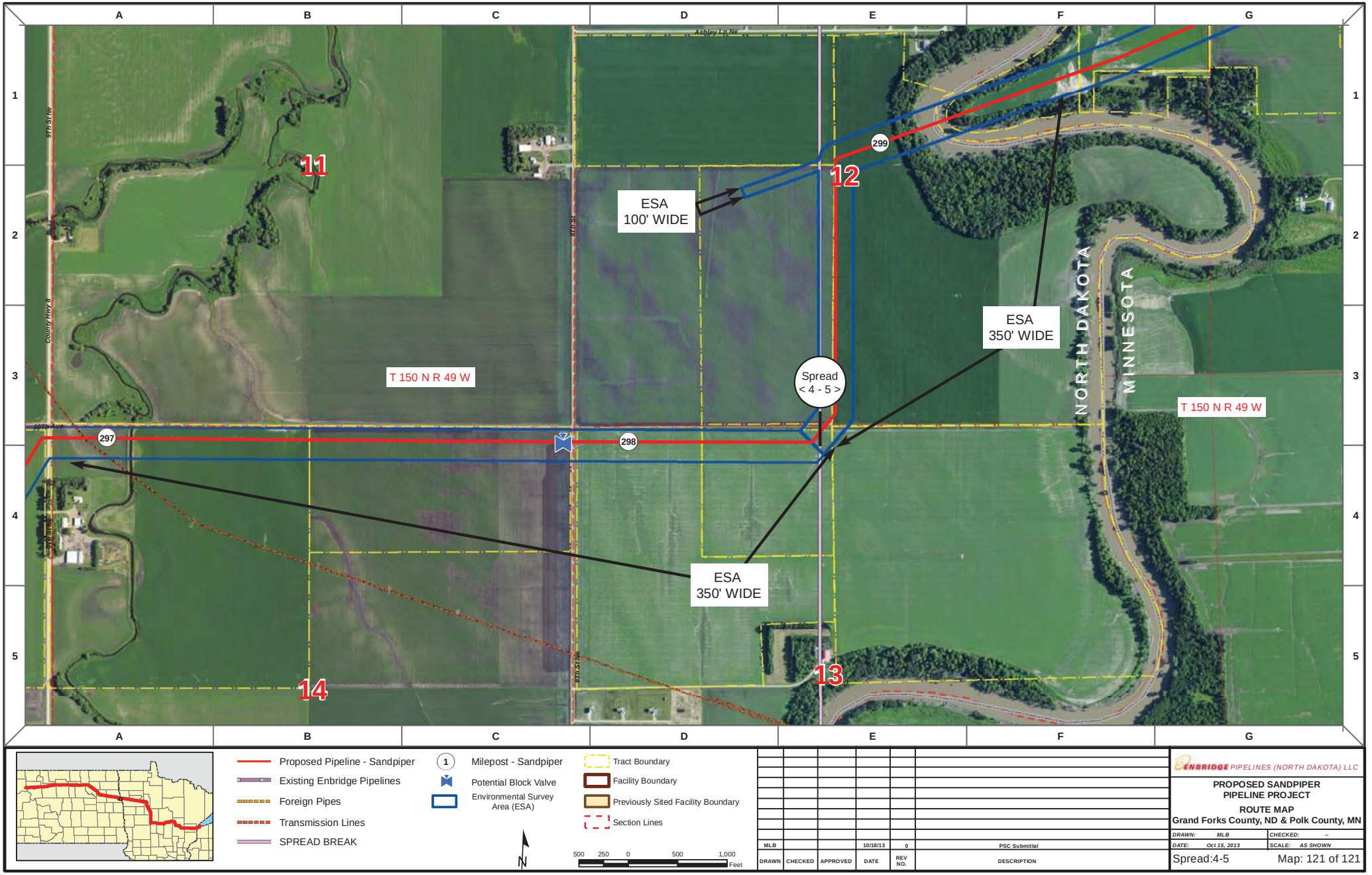
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

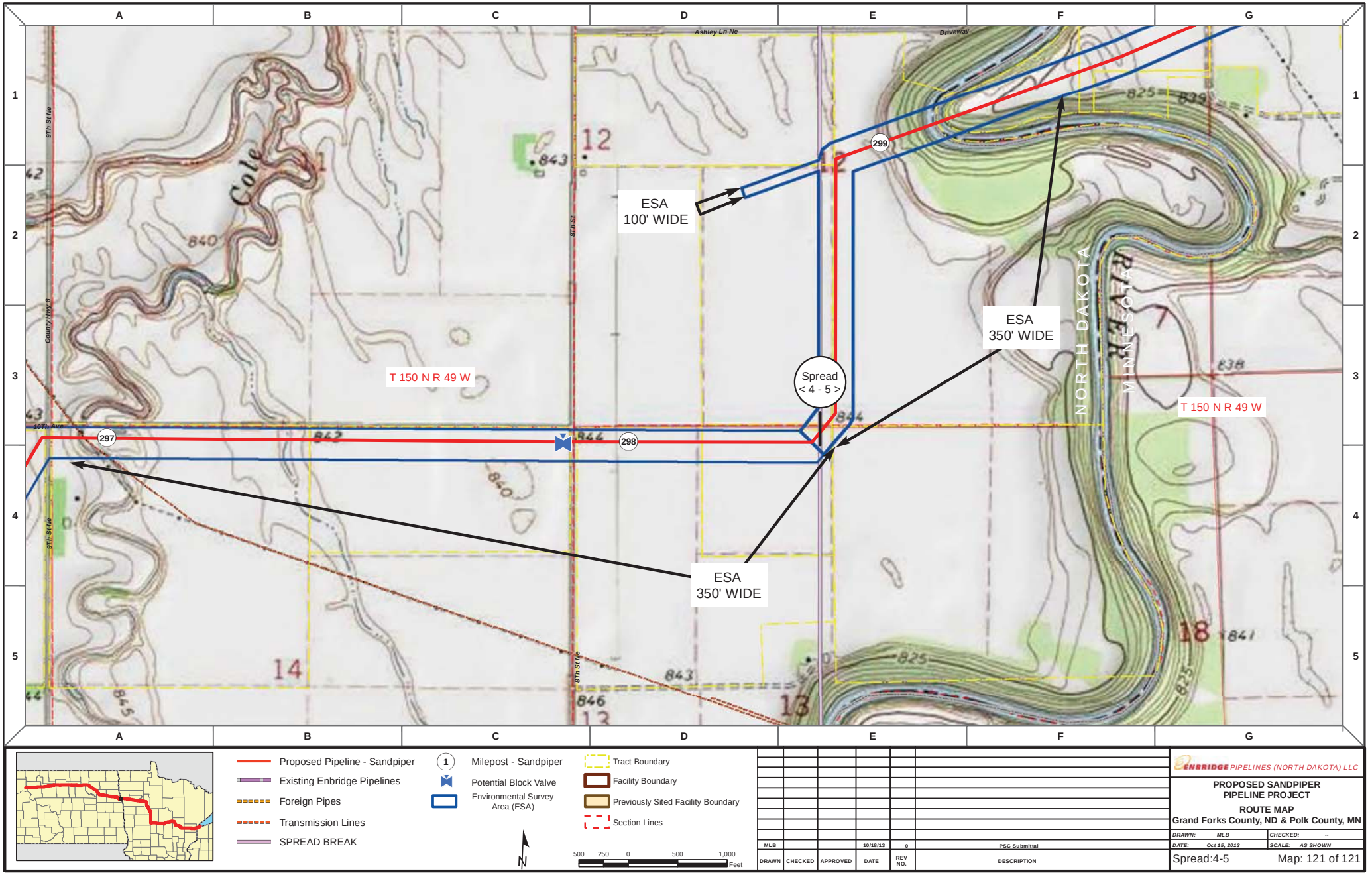
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 16, 2013 SCALE: AS SHOWN

Spread:4 Map: 120 of 121


A
B
C
D
E
F
G
1
2
3
4
5
11
12
13
14
ESA
100' WIDE
ESA
350' WIDE
ESA
350' WIDE
Spread
< 4 - 5 >
T 150 N R 49 W
T 150 N R 49 W
NORTH DAKOTA
MINNESOTA
297
298
299
Ashley Ln Ne
9th St Ne
8th St Ne
County Hwy 8
10Th Ave
Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK
Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)
Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines
N
500 250 0 500 1,000
Feet
MLB
10/18/13
0
PSC Submittal
DRAWN
CHECKED
APPROVED
DATE
REV NO.
DESCRIPTION
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC
PROPOSED SANDPIPER
PIPELINE PROJECT
ROUTE MAP
Grand Forks County, ND & Polk County, MN
DRAWN: MLB
CHECKED: --
DATE: Oct 15, 2013
SCALE: AS SHOWN
Spread:4-5
Map: 121 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

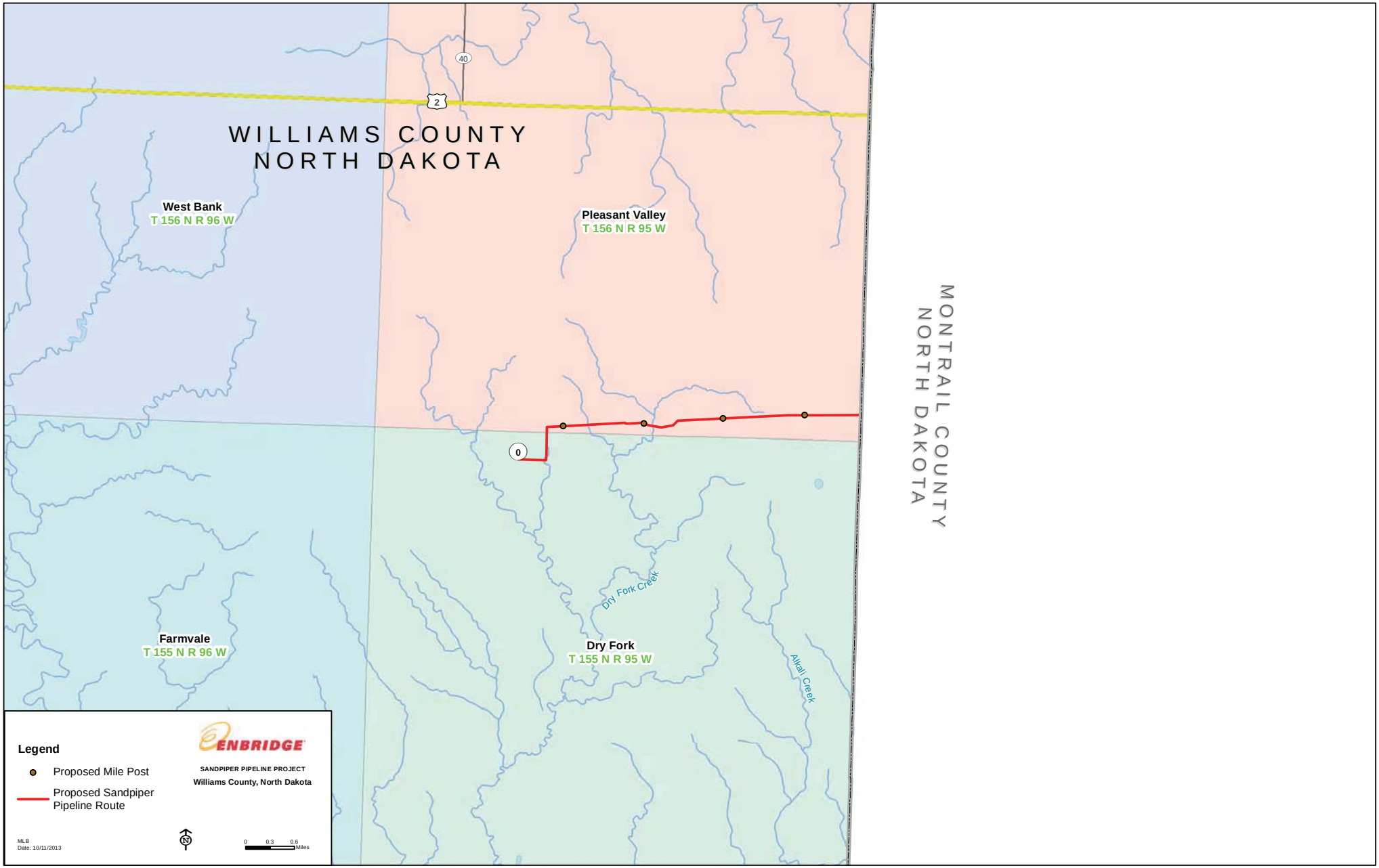
PROPOSED SANDPIPER PIPELINE PROJECT

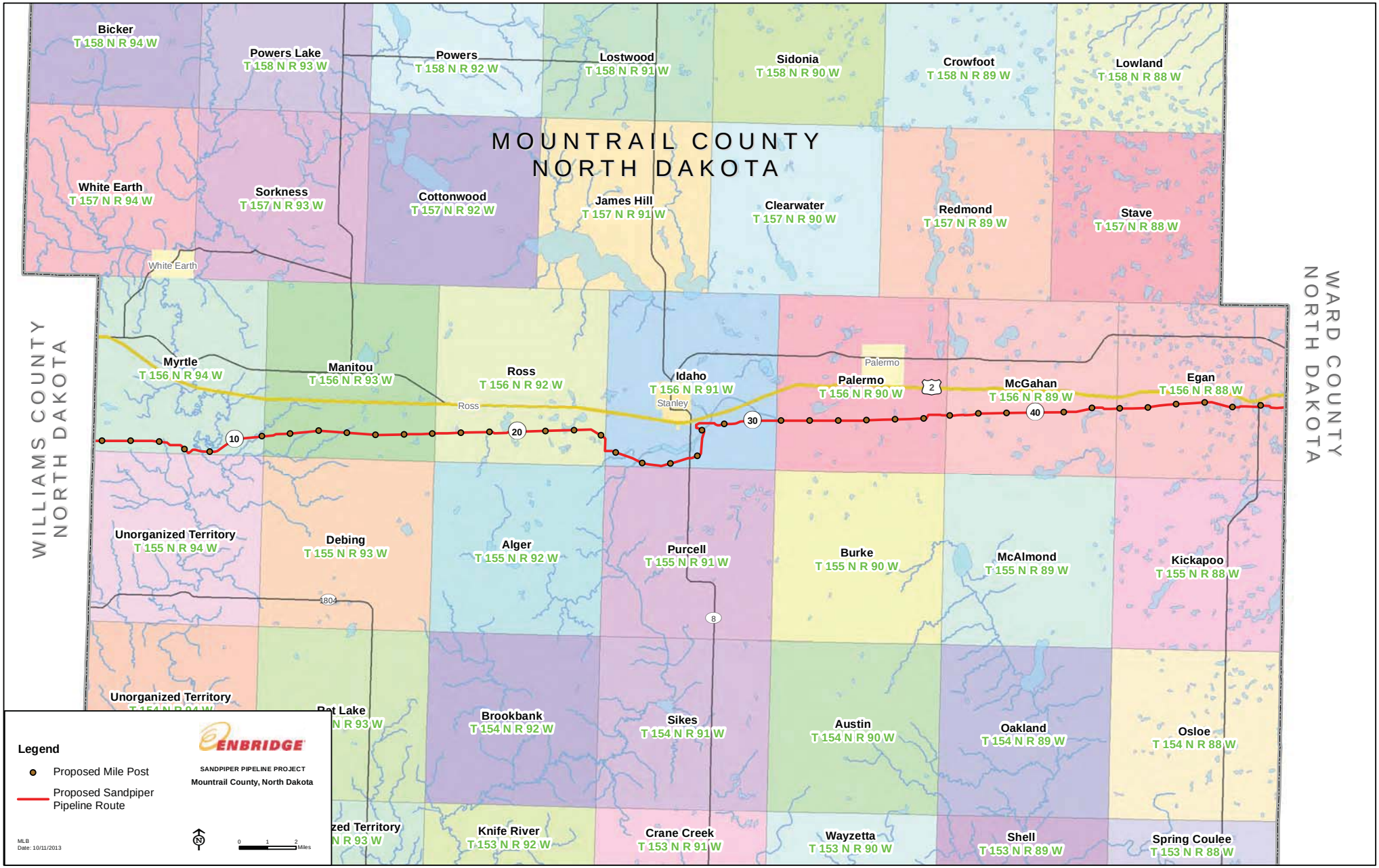
ROUTE MAP

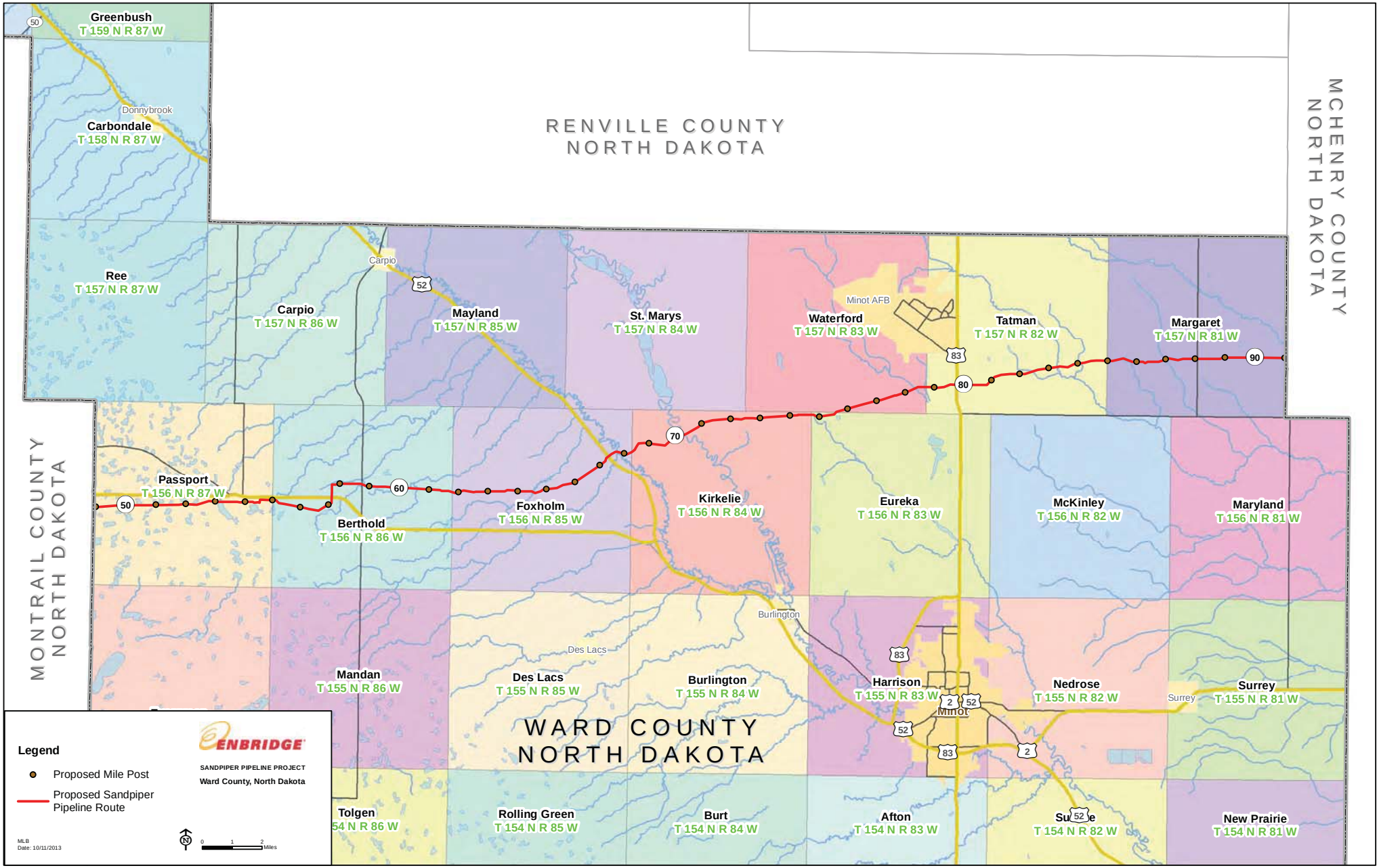
Grand Forks County, ND & Polk County, MN

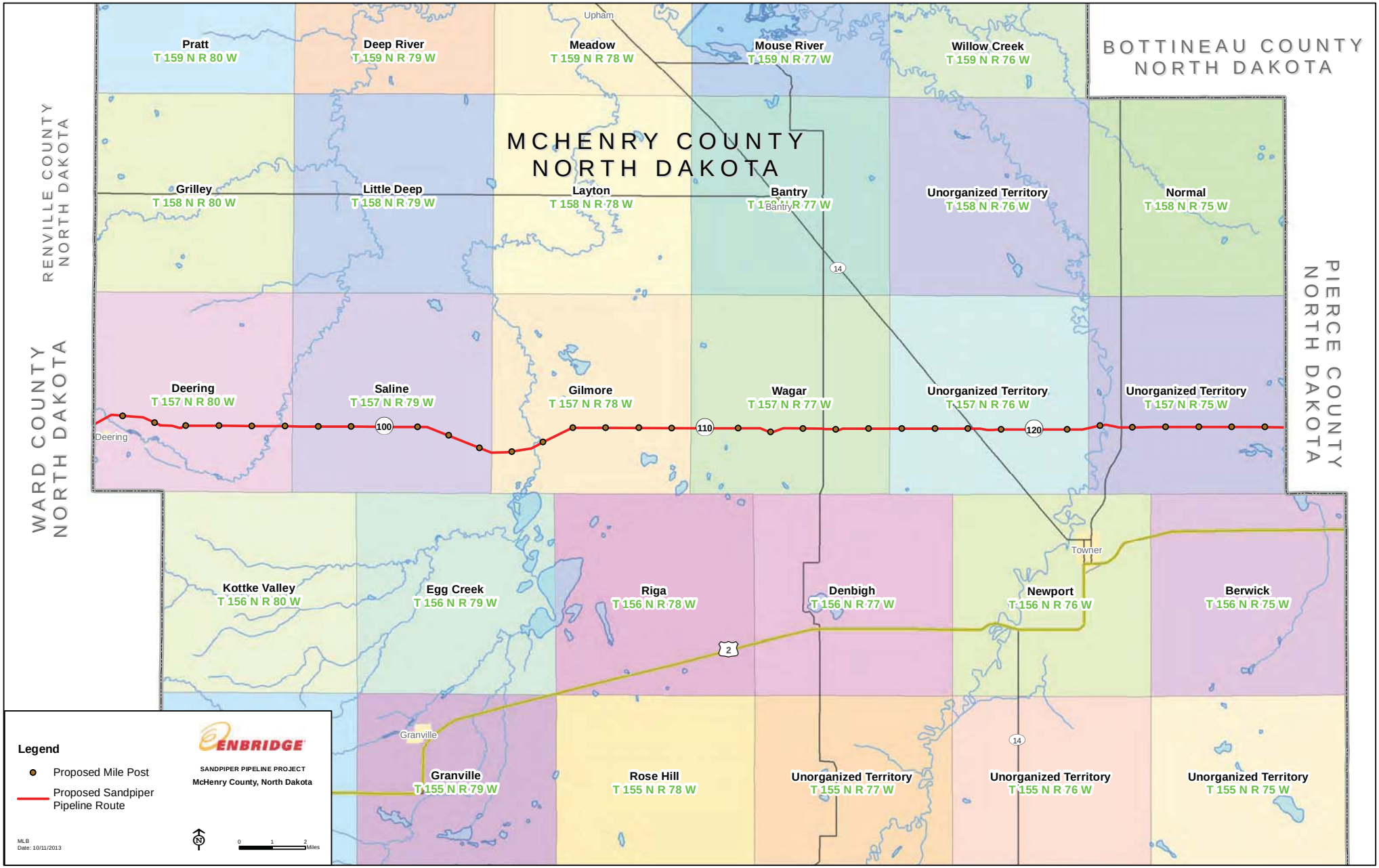
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DATE: Oct 15, 2013 | SCALE: AS SHOWN

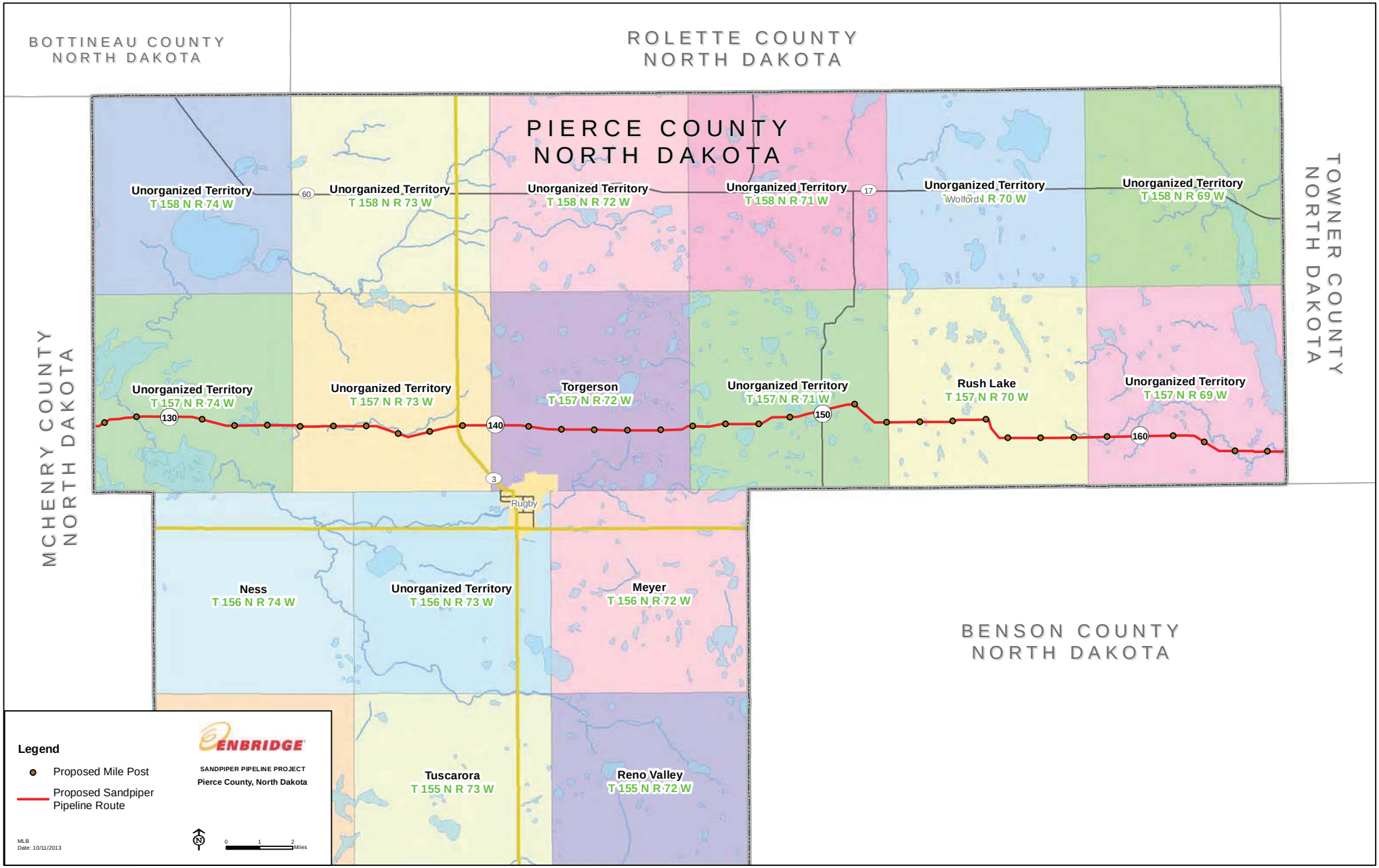
Spread:4-5 Map: 121 of 121

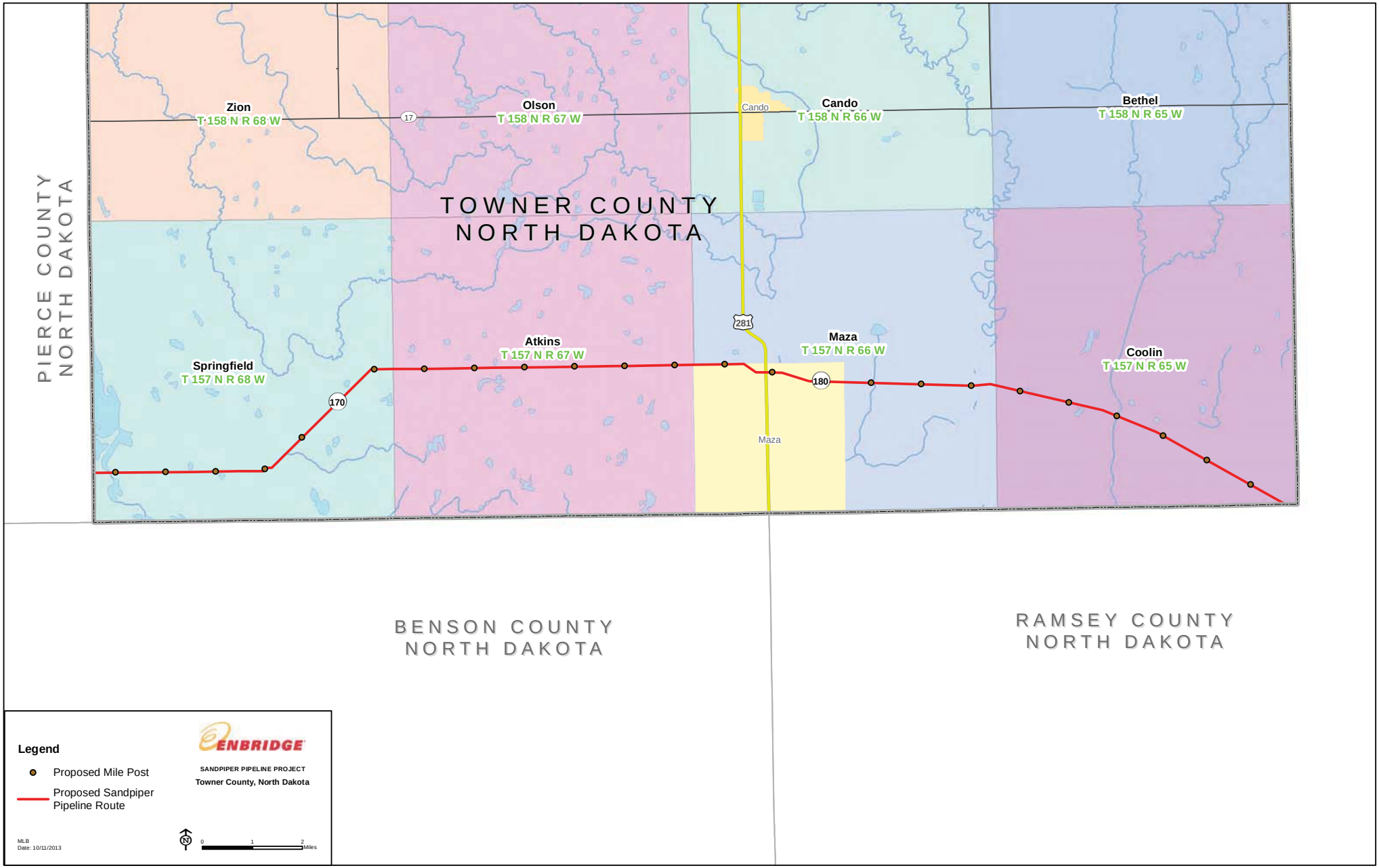

WILLIAMS COUNTY
NORTH DAKOTA
MONTRAIL COUNTY
NORTH DAKOTA
40
2
0
West Bank
T 156 N R 96 W
Pleasant Valley
T 156 N R 95 W
Farmvale
T 155 N R 96 W
Dry Fork
T 155 N R 95 W
Dry Fork Creek
Alkali Creek
Legend
Proposed Mile Post
Proposed Sandpiper Pipeline Route
ENBRIDGE
SANDPIPER PIPELINE PROJECT
Williams County, North Dakota
MLB
Date: 10/11/2013
N
0 0.3 0.6 Miles

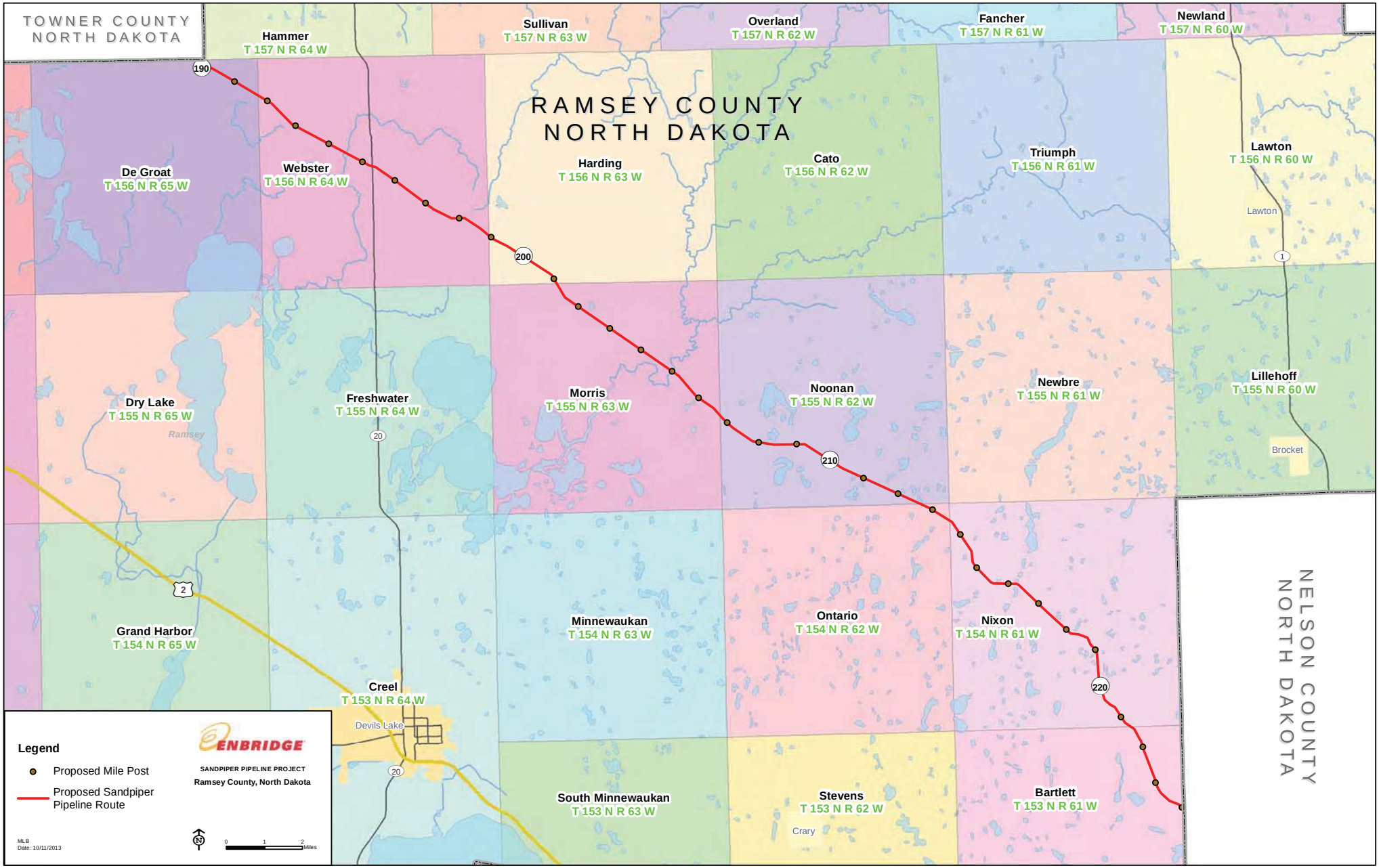

MOUNTRAIL COUNTY
NORTH DAKOTA
WILLIAMS COUNTY
NORTH DAKOTA
WARD COUNTY
NORTH DAKOTA
Bicker
T 158 N R 94 W
Powers Lake
T 158 N R 93 W
Powers
T 158 N R 92 W
Lostwood
T 158 N R 91 W
Sidonia
T 158 N R 90 W
Crowfoot
T 158 N R 89 W
Lowland
T 158 N R 88 W
White Earth
T 157 N R 94 W
Sorkness
T 157 N R 93 W
Cottonwood
T 157 N R 92 W
James Hill
T 157 N R 91 W
Clearwater
T 157 N R 90 W
Redmond
T 157 N R 89 W
Stave
T 157 N R 88 W
White Earth
Myrtle
T 156 N R 94 W
Manitou
T 156 N R 93 W
Ross
T 156 N R 92 W
Idaho
T 156 N R 91 W
Stanley
Palermo
Palermo
T 156 N R 90 W
McGahan
T 156 N R 89 W
Egan
T 156 N R 88 W
Ross
10
20
30
40
2
Unorganized Territory
T 155 N R 94 W
Debing
T 155 N R 93 W
Alger
T 155 N R 92 W
Purcell
T 155 N R 91 W
Burke
T 155 N R 90 W
McAlmond
T 155 N R 89 W
Kickapoo
T 155 N R 88 W
1804
8
Unorganized Territory
Pat Lake
Brookbank
T 154 N R 92 W
Sikes
T 154 N R 91 W
Austin
T 154 N R 90 W
Oakland
T 154 N R 89 W
Osloe
T 154 N R 88 W
Knife River
T 153 N R 92 W
Crane Creek
T 153 N R 91 W
Wayzetta
T 153 N R 90 W
Shell
T 153 N R 89 W
Spring Coulee
T 153 N R 88 W
Legend
Proposed Mile Post
Proposed Sandpiper Pipeline Route
ENBRIDGE
SANDPIPER PIPELINE PROJECT
Mountrail County, North Dakota
MLB
Date: 10/11/2013
0 1 2 Miles

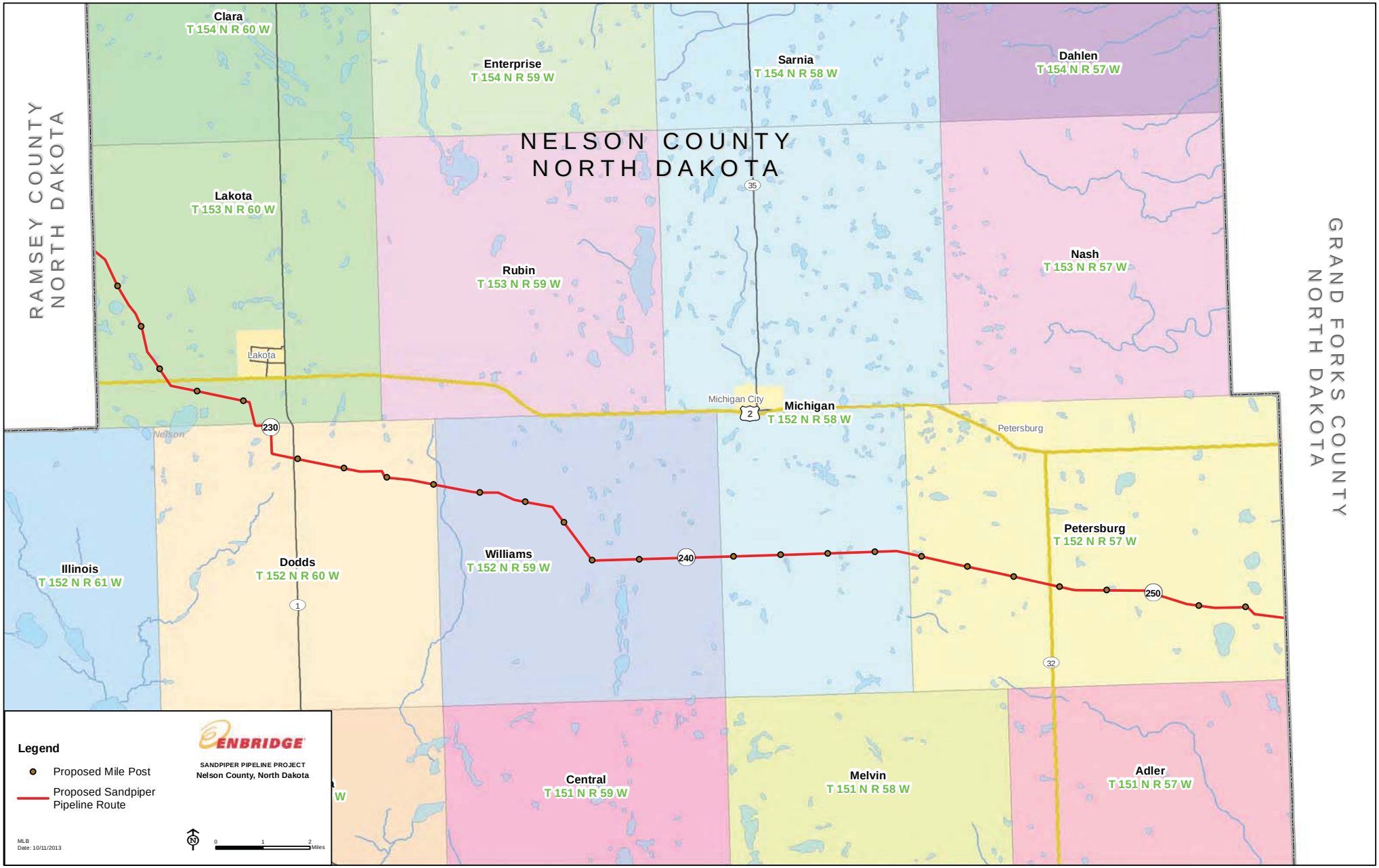

Greenbush
T 159 N R 87 W
Donnybrook
Carbondale
T 158 N R 87 W
RENVILLE COUNTY
NORTH DAKOTA
MCHENRY COUNTY
NORTH DAKOTA
MONTRAIL COUNTY
NORTH DAKOTA
Carpio
Ree
T 157 N R 87 W
Carpio
T 157 N R 86 W
Mayland
T 157 N R 85 W
St. Marys
T 157 N R 84 W
Minot AFB
Waterford
T 157 N R 83 W
Tatman
T 157 N R 82 W
Margaret
T 157 N R 81 W
Passport
T 156 N R 87 W
Berthold
T 156 N R 86 W
Foxholm
T 156 N R 85 W
Kirkelie
T 156 N R 84 W
Eureka
T 156 N R 83 W
McKinley
T 156 N R 82 W
Maryland
T 156 N R 81 W
Burlington
Des Lacs
Mandan
T 155 N R 86 W
Des Lacs
T 155 N R 85 W
Burlington
T 155 N R 84 W
Harrison
T 155 N R 83 W
Minot
Nedrose
T 155 N R 82 W
Surrey
Surrey
T 155 N R 81 W
WARD COUNTY
NORTH DAKOTA
Tolgen
54 N R 86 W
Rolling Green
T 154 N R 85 W
Burt
T 154 N R 84 W
Afton
T 154 N R 83 W
Su e
T 154 N R 82 W
New Prairie
T 154 N R 81 W
Legend
Proposed Mile Post
Proposed Sandpiper
Pipeline Route
ENBRIDGE
SANDPIPER PIPELINE PROJECT
Ward County, North Dakota
MLB
Date: 10/11/2013
0 1 2
Miles

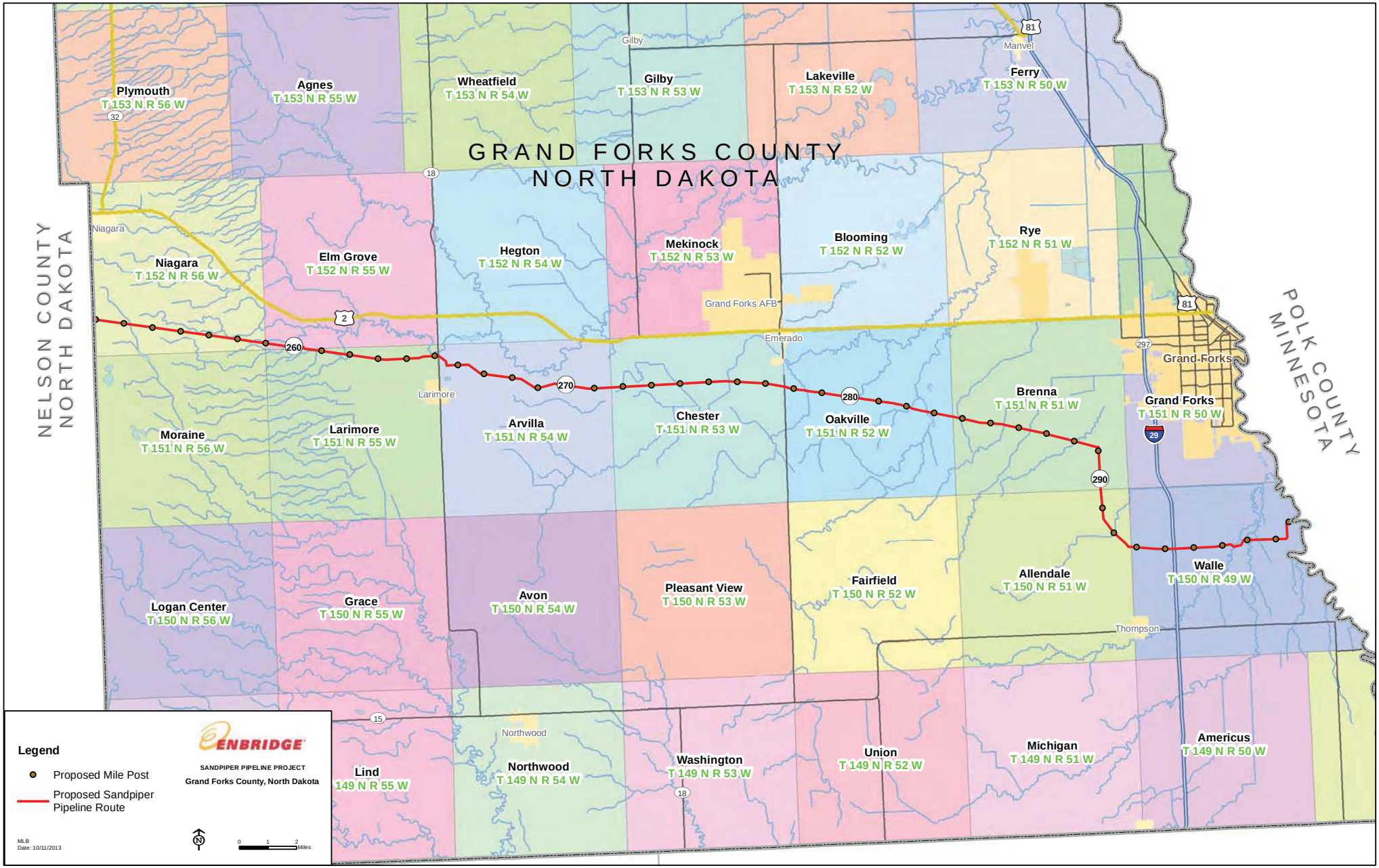

MCHENRY COUNTY
NORTH DAKOTA
BOTTINEAU COUNTY
NORTH DAKOTA
RENVILLE COUNTY
NORTH DAKOTA
WARD COUNTY
NORTH DAKOTA
PIERCE COUNTY
NORTH DAKOTA
Upham
Bantry
Towner
Deering
Granville
Pratt
T 159 N R 80 W
Deep River
T 159 N R 79 W
Meadow
T 159 N R 78 W
Mouse River
T 159 N R 77 W
Willow Creek
T 159 N R 76 W
Grilley
T 158 N R 80 W
Little Deep
T 158 N R 79 W
Layton
T 158 N R 78 W
Bantry
T 158 N R 77 W
Unorganized Territory
T 158 N R 76 W
Normal
T 158 N R 75 W
Deering
T 157 N R 80 W
Saline
T 157 N R 79 W
Gilmore
T 157 N R 78 W
Wagar
T 157 N R 77 W
Unorganized Territory
T 157 N R 76 W
Unorganized Territory
T 157 N R 75 W
Kottke Valley
T 156 N R 80 W
Egg Creek
T 156 N R 79 W
Riga
T 156 N R 78 W
Denbigh
T 156 N R 77 W
Newport
T 156 N R 76 W
Berwick
T 156 N R 75 W
Granville
T 155 N R 79 W
Rose Hill
T 155 N R 78 W
Unorganized Territory
T 155 N R 77 W
Unorganized Territory
T 155 N R 76 W
Unorganized Territory
T 155 N R 75 W
100
110
120
14
2
Legend
Proposed Mile Post
Proposed Sandpiper Pipeline Route
ENBRIDGE
SANDPIPER PIPELINE PROJECT
McHenry County, North Dakota
MLB
Date: 10/11/2013
0
1
2
Miles

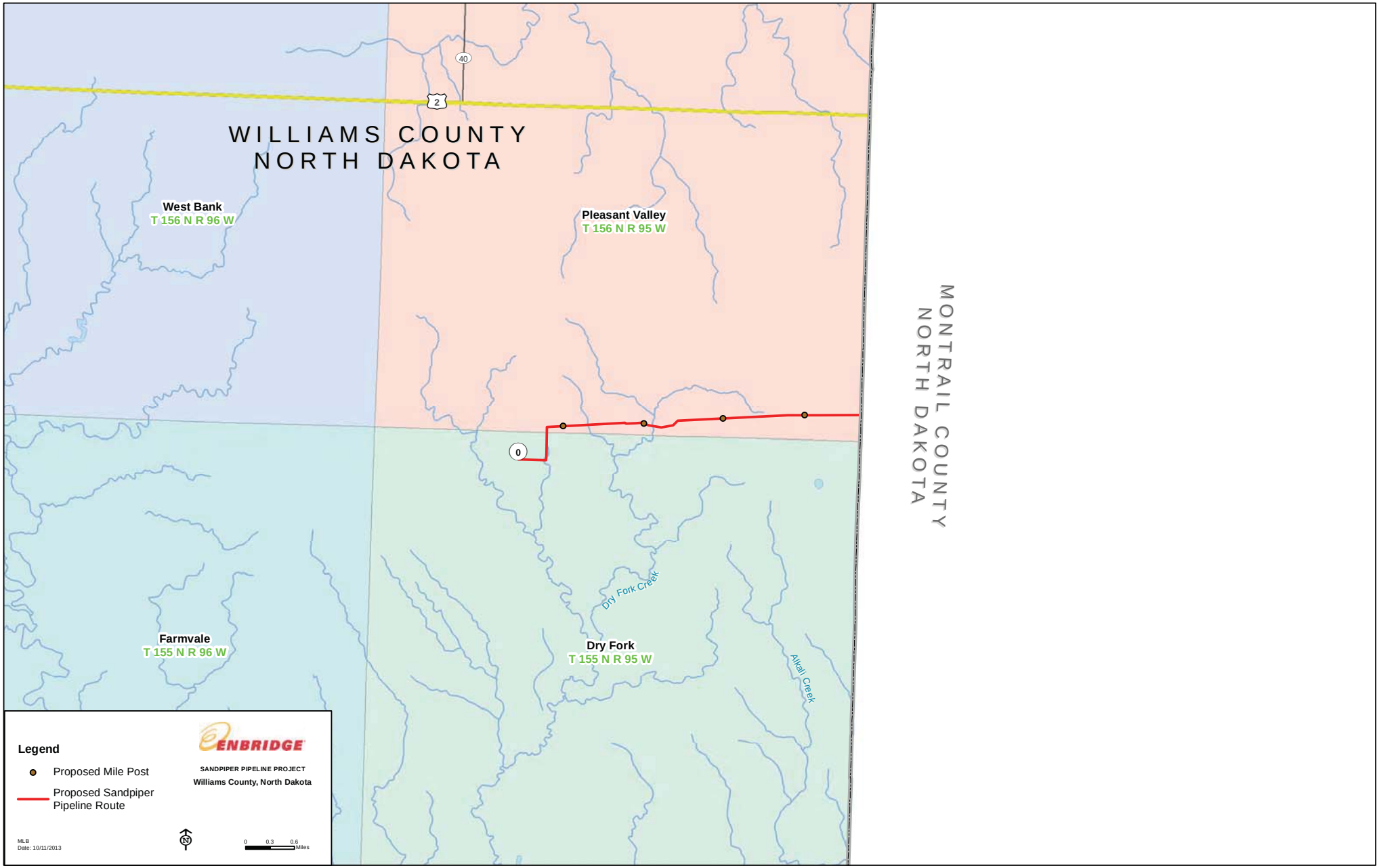

BOTTINEAU COUNTY
NORTH DAKOTA
ROLETTE COUNTY
NORTH DAKOTA
PIERCE COUNTY
NORTH DAKOTA
TOWNER COUNTY
NORTH DAKOTA
MCHENRY COUNTY
NORTH DAKOTA
BENSON COUNTY
NORTH DAKOTA
Unorganized Territory
T 158 N R 74 W
Unorganized Territory
T 158 N R 73 W
Unorganized Territory
T 158 N R 72 W
Unorganized Territory
T 158 N R 71 W
Unorganized Territory
T 158 N R 70 W
Unorganized Territory
T 158 N R 69 W
Unorganized Territory
T 157 N R 74 W
Unorganized Territory
T 157 N R 73 W
Torgerson
T 157 N R 72 W
Unorganized Territory
T 157 N R 71 W
Rush Lake
T 157 N R 70 W
Unorganized Territory
T 157 N R 69 W
Ness
T 156 N R 74 W
Unorganized Territory
T 156 N R 73 W
Meyer
T 156 N R 72 W
Tuscarora
T 155 N R 73 W
Reno Valley
T 155 N R 72 W
Rugby
60
17
130
140
150
160
3
Legend
Proposed Mile Post
Proposed Sandpiper Pipeline Route
ENBRIDGE
SANDPIPER PIPELINE PROJECT
Pierce County, North Dakota
MLB
Date: 10/11/2013
0
1
2
Miles

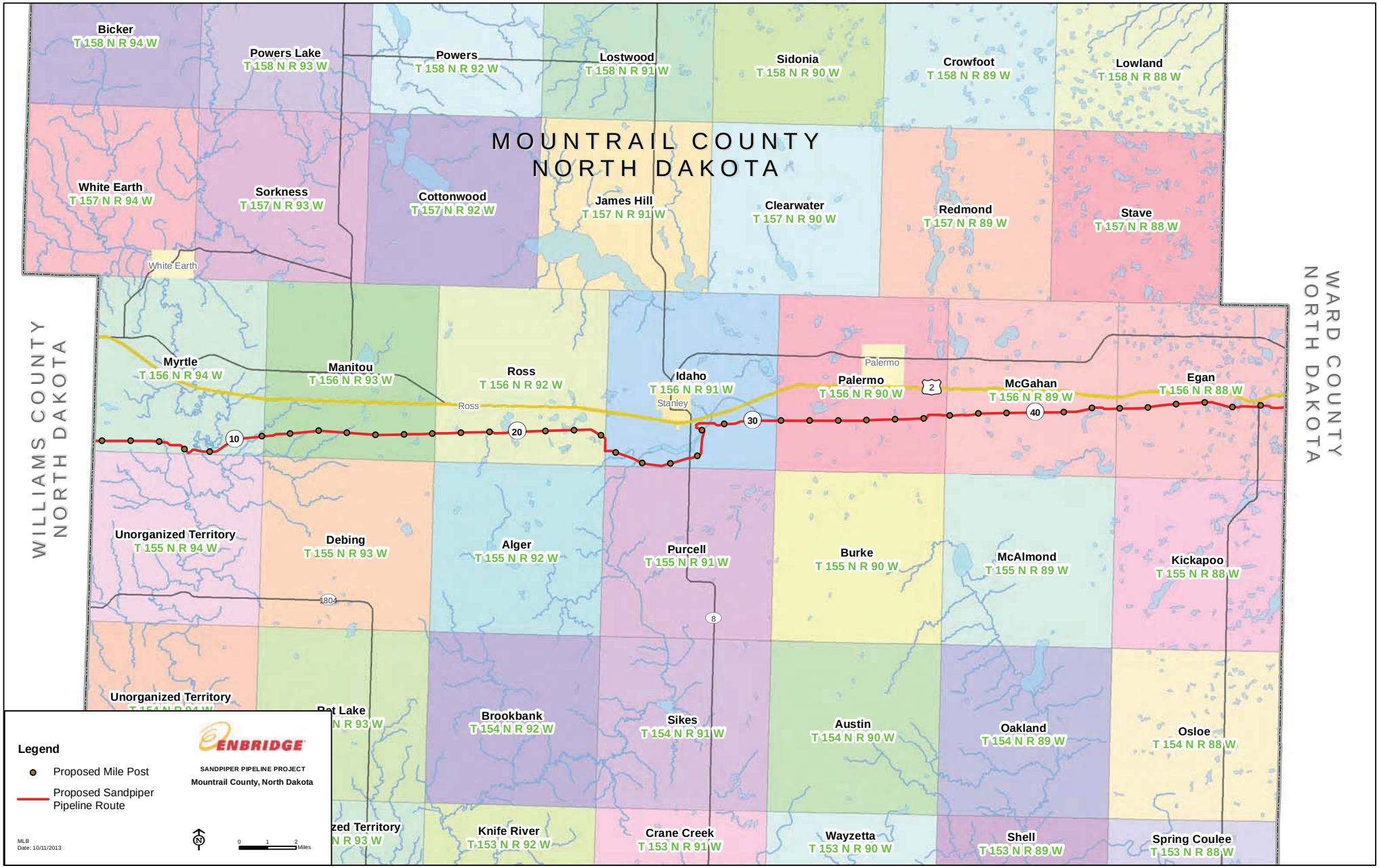

PIERCE COUNTY
NORTH DAKOTA
TOWNER COUNTY
NORTH DAKOTA
Zion
T 158 N R 68 W
Olson
T 158 N R 67 W
Cando
T 158 N R 66 W
Bethel
T 158 N R 65 W
Springfield
T 157 N R 68 W
Atkins
T 157 N R 67 W
Maza
T 157 N R 66 W
Coolin
T 157 N R 65 W
17
281
170
180
Cando
Maza
BENSON COUNTY
NORTH DAKOTA
RAMSEY COUNTY
NORTH DAKOTA
Legend
Proposed Mile Post
Proposed Sandpiper Pipeline Route
ENBRIDGE
SANDPIPER PIPELINE PROJECT
Towner County, North Dakota
MLB
Date: 10/11/2013
N
0
1
2
Miles

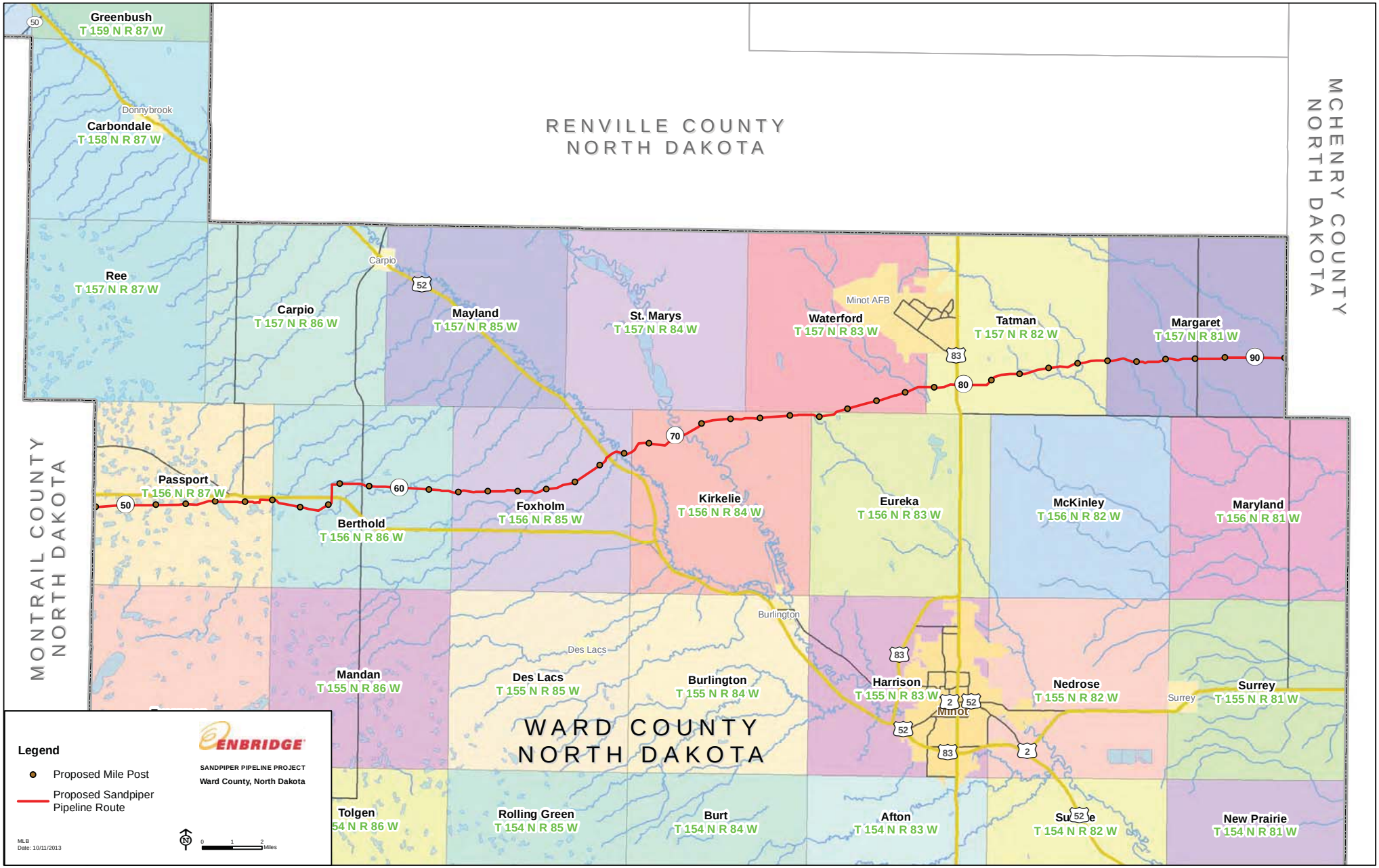

TOWNER COUNTY
NORTH DAKOTA
Hammer
T 157 N R 64 W
Sullivan
T 157 N R 63 W
Overland
T 157 N R 62 W
Fancher
T 157 N R 61 W
Newland
T 157 N R 60 W
RAMSEY COUNTY
NORTH DAKOTA
De Groat
T 156 N R 65 W
Webster
T 156 N R 64 W
Harding
T 156 N R 63 W
Cato
T 156 N R 62 W
Triumph
T 156 N R 61 W
Lawton
T 156 N R 60 W
Lawton
Dry Lake
T 155 N R 65 W
Ramsey
Freshwater
T 155 N R 64 W
Morris
T 155 N R 63 W
Noonan
T 155 N R 62 W
Newbre
T 155 N R 61 W
Lillehoff
T 155 N R 60 W
Brocket
Grand Harbor
T 154 N R 65 W
Minnewaukan
T 154 N R 63 W
Ontario
T 154 N R 62 W
Nixon
T 154 N R 61 W
Creel
T 153 N R 64 W
Devils Lake
South Minnewaukan
T 153 N R 63 W
Stevens
T 153 N R 62 W
Crary
Bartlett
T 153 N R 61 W
NELSON COUNTY
NORTH DAKOTA
190
200
210
220
20
2
1
Legend
Proposed Mile Post
Proposed Sandpiper Pipeline Route
ENBRIDGE
SANDPIPER PIPELINE PROJECT
Ramsey County, North Dakota
MLB
Date: 10/11/2013
0 1 2 Miles

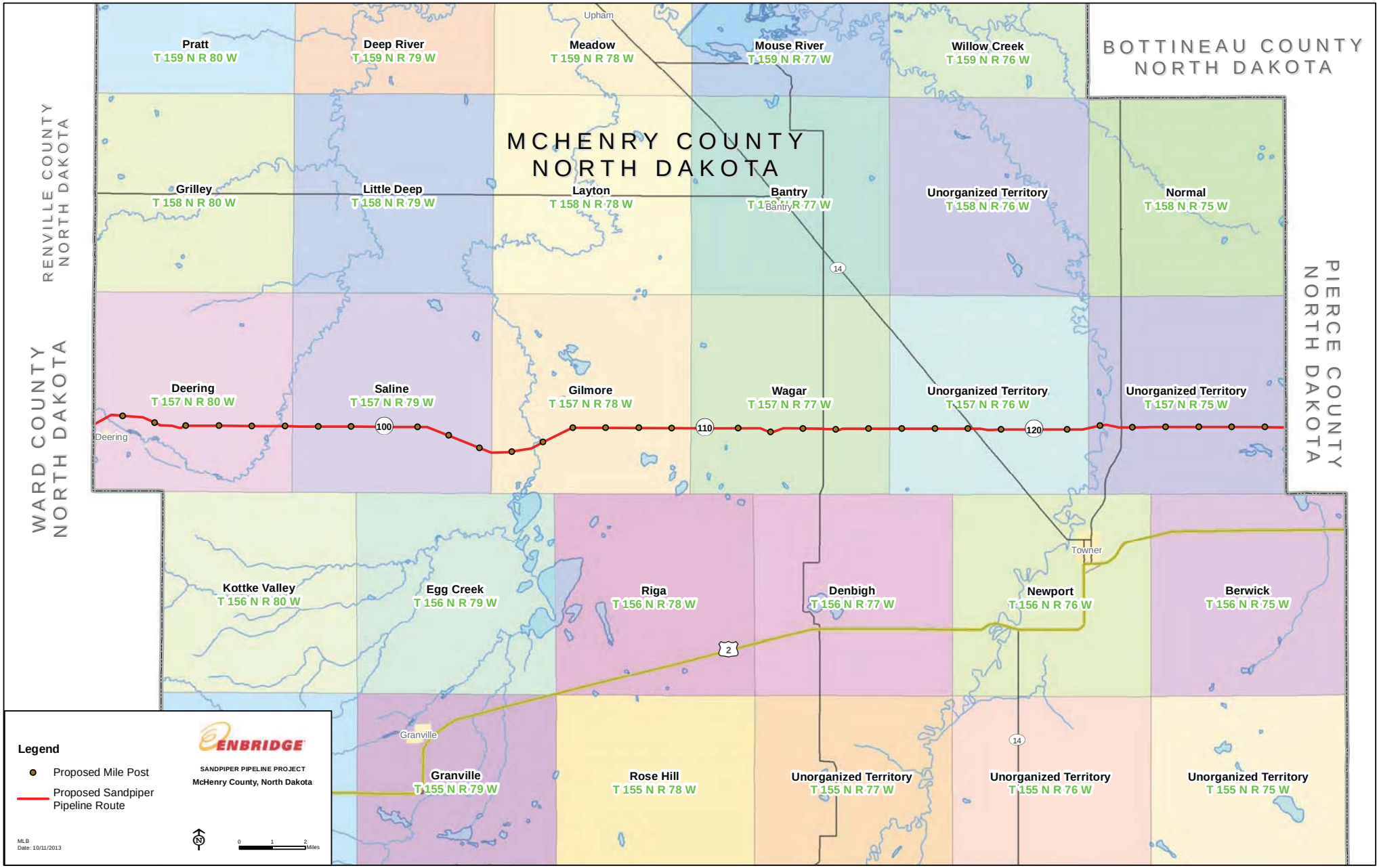

RAMSEY COUNTY
NORTH DAKOTA
NELSON COUNTY
NORTH DAKOTA
GRAND FORKS COUNTY
NORTH DAKOTA
Clara
T 154 N R 60 W
Enterprise
T 154 N R 59 W
Sarnia
T 154 N R 58 W
Dahlen
T 154 N R 57 W
Lakota
T 153 N R 60 W
Rubin
T 153 N R 59 W
Nash
T 153 N R 57 W
Lakota
Michigan City
Michigan
T 152 N R 58 W
Nelson
Petersburg
Illinois
T 152 N R 61 W
Dodds
T 152 N R 60 W
Williams
T 152 N R 59 W
Petersburg
T 152 N R 57 W
Central
T 151 N R 59 W
Melvin
T 151 N R 58 W
Adler
T 151 N R 57 W
35
2
230
240
250
1
32
Legend
Proposed Mile Post
Proposed Sandpiper Pipeline Route
ENBRIDGE
SANDPIPER PIPELINE PROJECT
Nelson County, North Dakota
MLB
Date: 10/11/2013
N
0
1
2
Miles

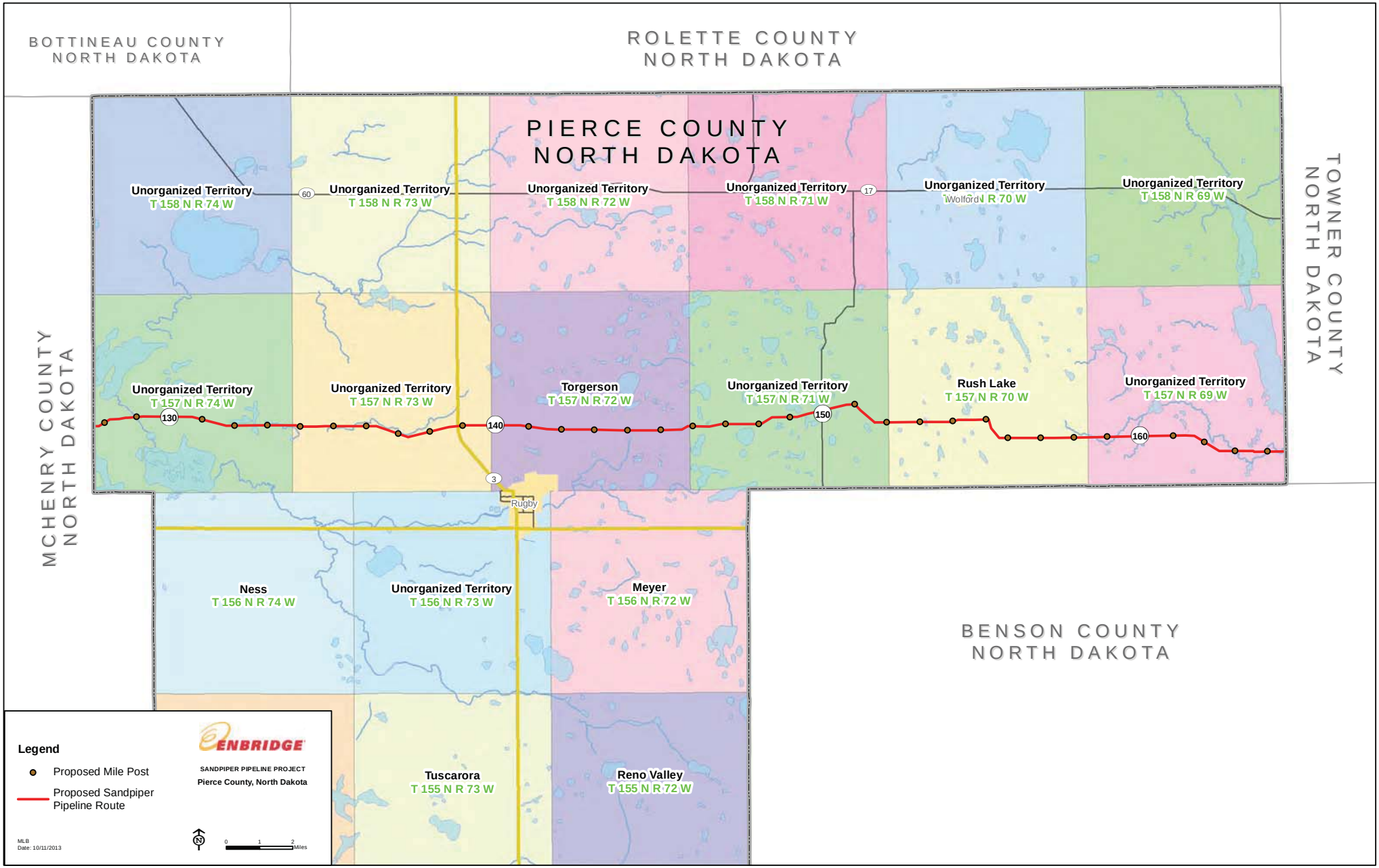

GRAND FORKS COUNTY
NORTH DAKOTA
NELSON COUNTY
NORTH DAKOTA
POLK COUNTY
MINNESOTA
Plymouth
T 153 N R 56 W
Agnes
T 153 N R 55 W
Wheatfield
T 153 N R 54 W
Gilby
T 153 N R 53 W
Lakeville
T 153 N R 52 W
Ferry
T 153 N R 50 W
Gilby
Manvel
Niagara
Niagara
T 152 N R 56 W
Elm Grove
T 152 N R 55 W
Hegton
T 152 N R 54 W
Mekinock
T 152 N R 53 W
Blooming
T 152 N R 52 W
Rye
T 152 N R 51 W
Grand Forks AFB
Emerado
Grand-Forks
Larimore
Moraine
T 151 N R 56 W
Larimore
T 151 N R 55 W
Arvilla
T 151 N R 54 W
Chester
T 151 N R 53 W
Oakville
T 151 N R 52 W
Brenna
T 151 N R 51 W
Grand Forks
T 151 N R 50 W
Logan Center
T 150 N R 56 W
Grace
T 150 N R 55 W
Avon
T 150 N R 54 W
Pleasant View
T 150 N R 53 W
Fairfield
T 150 N R 52 W
Allendale
T 150 N R 51 W
Walle
T 150 N R 49 W
Thompson
Northwood
Lind
149 N R 55 W
Northwood
T 149 N R 54 W
Washington
T 149 N R 53 W
Union
T 149 N R 52 W
Michigan
T 149 N R 51 W
Americus
T 149 N R 50 W
Legend
Proposed Mile Post
Proposed Sandpiper Pipeline Route
ENBRIDGE
SANDPIPER PIPELINE PROJECT
Grand Forks County, North Dakota
MLB
Date: 10/11/2013
0 1 2 Miles

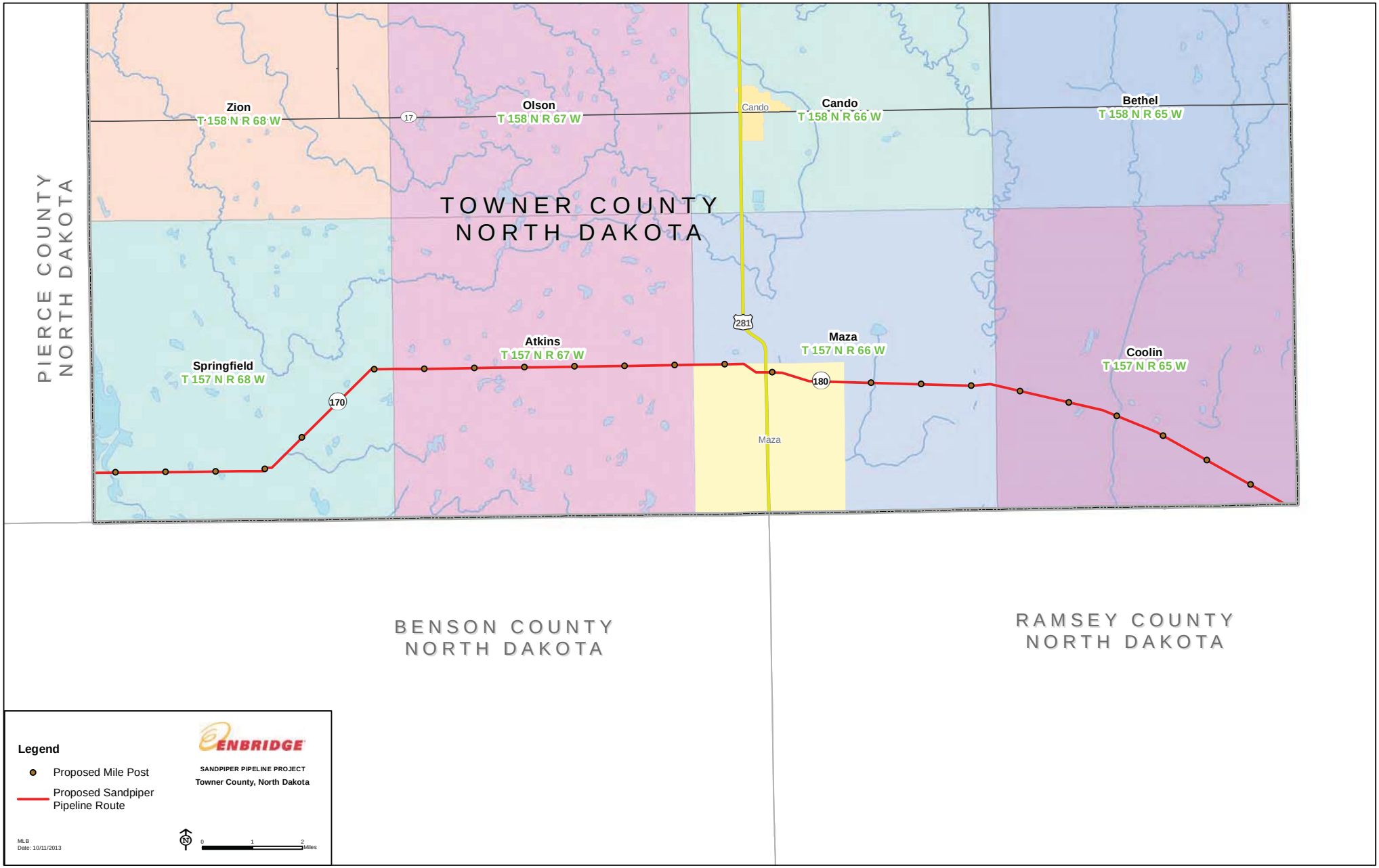

WILLIAMS COUNTY
NORTH DAKOTA
MONTRAIL COUNTY
NORTH DAKOTA
40
2
0
West Bank
T 156 N R 96 W
Pleasant Valley
T 156 N R 95 W
Farmvale
T 155 N R 96 W
Dry Fork
T 155 N R 95 W
Dry Fork Creek
Alkali Creek
Legend
Proposed Mile Post
Proposed Sandpiper Pipeline Route
ENBRIDGE
SANDPIPER PIPELINE PROJECT
Williams County, North Dakota
MLB
Date: 10/11/2013
N
0 0.3 0.6 Miles

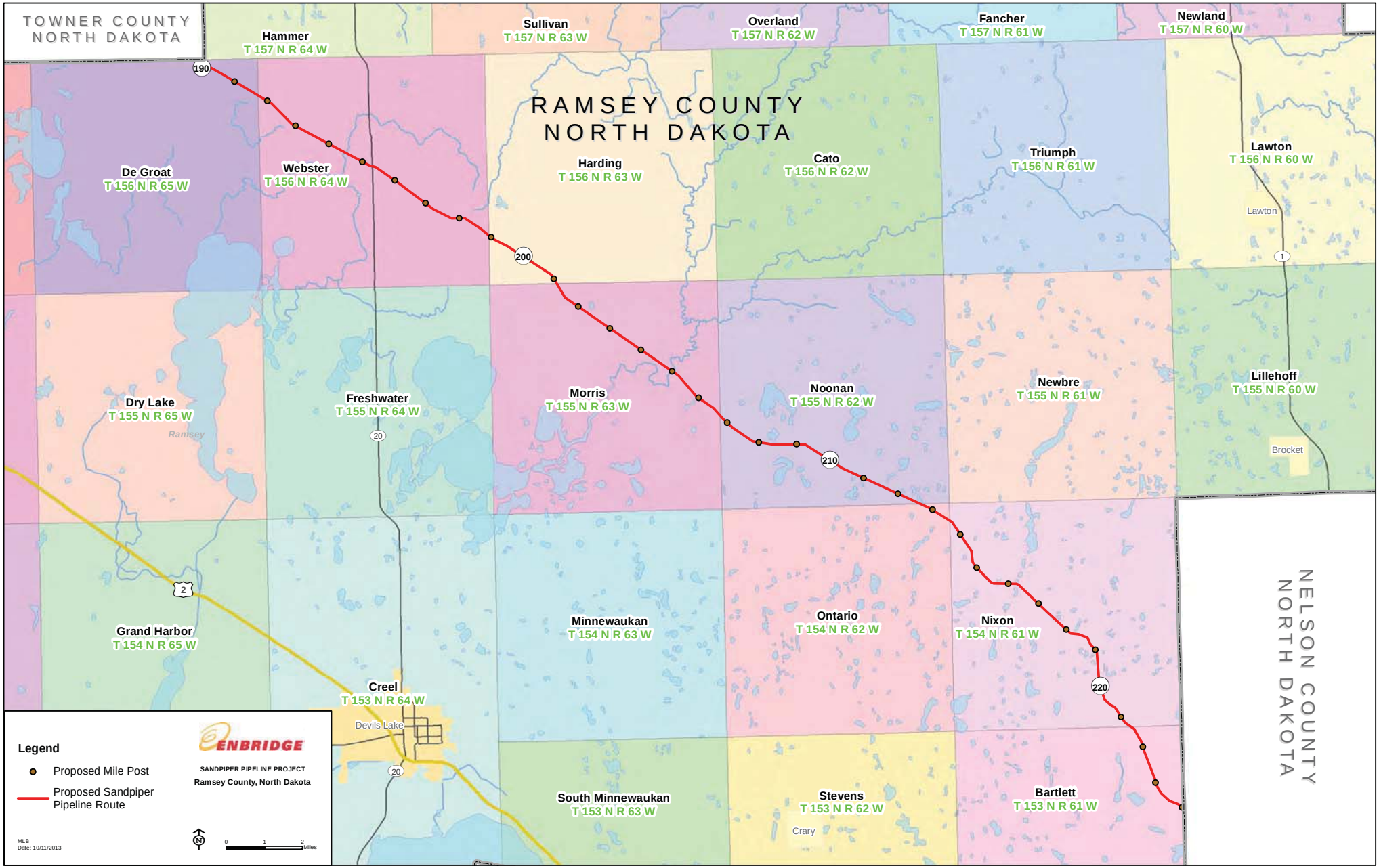

MOUNTRAIL COUNTY
NORTH DAKOTA
WILLIAMS COUNTY
NORTH DAKOTA
WARD COUNTY
NORTH DAKOTA
Bicker
T 158 N R 94 W
Powers Lake
T 158 N R 93 W
Powers
T 158 N R 92 W
Lostwood
T 158 N R 91 W
Sidonia
T 158 N R 90 W
Crowfoot
T 158 N R 89 W
Lowland
T 158 N R 88 W
White Earth
T 157 N R 94 W
Sorkness
T 157 N R 93 W
Cottonwood
T 157 N R 92 W
James Hill
T 157 N R 91 W
Clearwater
T 157 N R 90 W
Redmond
T 157 N R 89 W
Stave
T 157 N R 88 W
White Earth
Myrtle
T 156 N R 94 W
Manitou
T 156 N R 93 W
Ross
T 156 N R 92 W
Idaho
T 156 N R 91 W
Stanley
Palermo
Palermo
T 156 N R 90 W
McGahan
T 156 N R 89 W
Egan
T 156 N R 88 W
Ross
10
20
30
40
2
Unorganized Territory
T 155 N R 94 W
Debing
T 155 N R 93 W
Alger
T 155 N R 92 W
Purcell
T 155 N R 91 W
Burke
T 155 N R 90 W
McAlmond
T 155 N R 89 W
Kickapoo
T 155 N R 88 W
1804
8
Unorganized Territory
Pat Lake
Brookbank
T 154 N R 92 W
Sikes
T 154 N R 91 W
Austin
T 154 N R 90 W
Oakland
T 154 N R 89 W
Osloe
T 154 N R 88 W
Knife River
T 153 N R 92 W
Crane Creek
T 153 N R 91 W
Wayzetta
T 153 N R 90 W
Shell
T 153 N R 89 W
Spring Coulee
T 153 N R 88 W
Legend
Proposed Mile Post
Proposed Sandpiper Pipeline Route
ENBRIDGE
SANDPIPER PIPELINE PROJECT
Mountrail County, North Dakota
MLB
Date: 10/11/2013
0 1 2 Miles

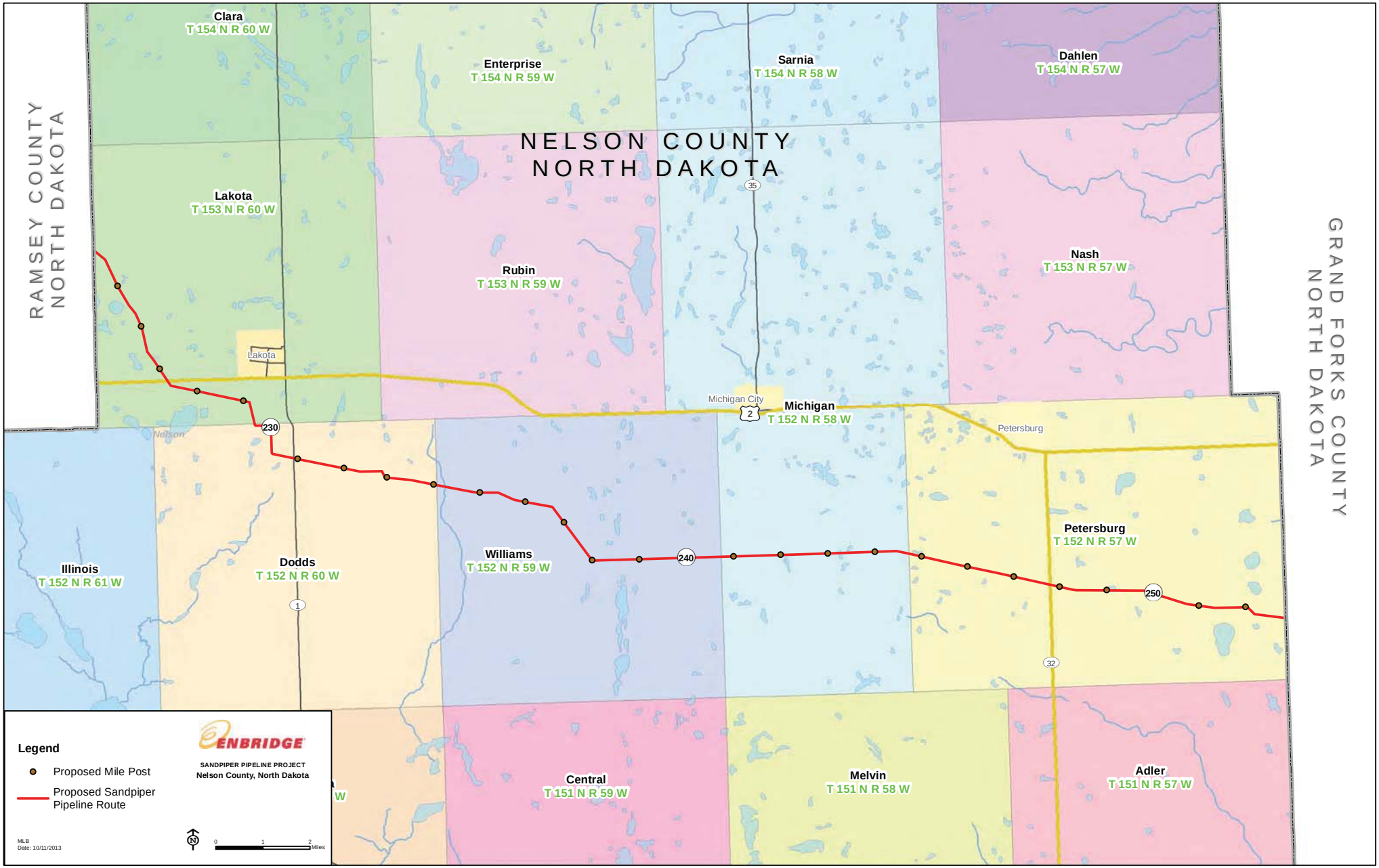

Greenbush
T 159 N R 87 W
Donnybrook
Carbondale
T 158 N R 87 W
RENVILLE COUNTY
NORTH DAKOTA
MCHENRY COUNTY
NORTH DAKOTA
MONTRAIL COUNTY
NORTH DAKOTA
Carpio
Ree
T 157 N R 87 W
Carpio
T 157 N R 86 W
Mayland
T 157 N R 85 W
St. Marys
T 157 N R 84 W
Minot AFB
Waterford
T 157 N R 83 W
Tatman
T 157 N R 82 W
Margaret
T 157 N R 81 W
Passport
T 156 N R 87 W
Berthold
T 156 N R 86 W
Foxholm
T 156 N R 85 W
Kirkelie
T 156 N R 84 W
Eureka
T 156 N R 83 W
McKinley
T 156 N R 82 W
Maryland
T 156 N R 81 W
Burlington
Des Lacs
Mandan
T 155 N R 86 W
Des Lacs
T 155 N R 85 W
Burlington
T 155 N R 84 W
Harrison
T 155 N R 83 W
Minot
Nedrose
T 155 N R 82 W
Surrey
Surrey
T 155 N R 81 W
WARD COUNTY
NORTH DAKOTA
Tolgen
54 N R 86 W
Rolling Green
T 154 N R 85 W
Burt
T 154 N R 84 W
Afton
T 154 N R 83 W
Su e
T 154 N R 82 W
New Prairie
T 154 N R 81 W
Legend
Proposed Mile Post
Proposed Sandpiper
Pipeline Route
ENBRIDGE
SANDPIPER PIPELINE PROJECT
Ward County, North Dakota
MLB
Date: 10/11/2013
0 1 2
Miles

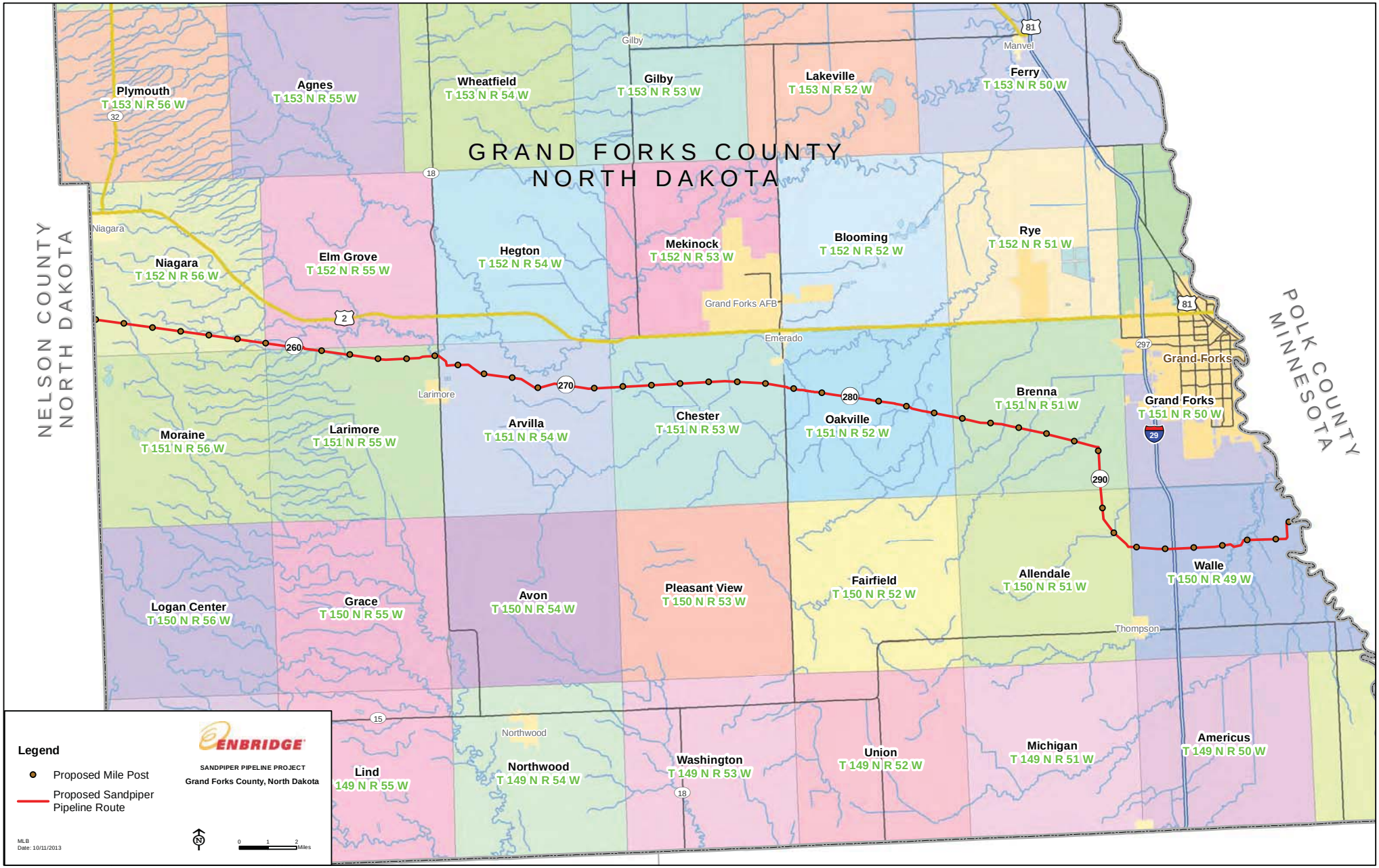

MCHENRY COUNTY
NORTH DAKOTA
BOTTINEAU COUNTY
NORTH DAKOTA
RENVILLE COUNTY
NORTH DAKOTA
WARD COUNTY
NORTH DAKOTA
PIERCE COUNTY
NORTH DAKOTA
Upham
Bantry
Towner
Deering
Granville
Pratt
T 159 N R 80 W
Deep River
T 159 N R 79 W
Meadow
T 159 N R 78 W
Mouse River
T 159 N R 77 W
Willow Creek
T 159 N R 76 W
Grilley
T 158 N R 80 W
Little Deep
T 158 N R 79 W
Layton
T 158 N R 78 W
Bantry
T 158 N R 77 W
Unorganized Territory
T 158 N R 76 W
Normal
T 158 N R 75 W
Deering
T 157 N R 80 W
Saline
T 157 N R 79 W
Gilmore
T 157 N R 78 W
Wagar
T 157 N R 77 W
Unorganized Territory
T 157 N R 76 W
Unorganized Territory
T 157 N R 75 W
Kottke Valley
T 156 N R 80 W
Egg Creek
T 156 N R 79 W
Riga
T 156 N R 78 W
Denbigh
T 156 N R 77 W
Newport
T 156 N R 76 W
Berwick
T 156 N R 75 W
Granville
T 155 N R 79 W
Rose Hill
T 155 N R 78 W
Unorganized Territory
T 155 N R 77 W
Unorganized Territory
T 155 N R 76 W
Unorganized Territory
T 155 N R 75 W
100
110
120
14
2
Legend
Proposed Mile Post
Proposed Sandpiper Pipeline Route
ENBRIDGE
SANDPIPER PIPELINE PROJECT
McHenry County, North Dakota
MLB
Date: 10/11/2013
0
1
2
Miles

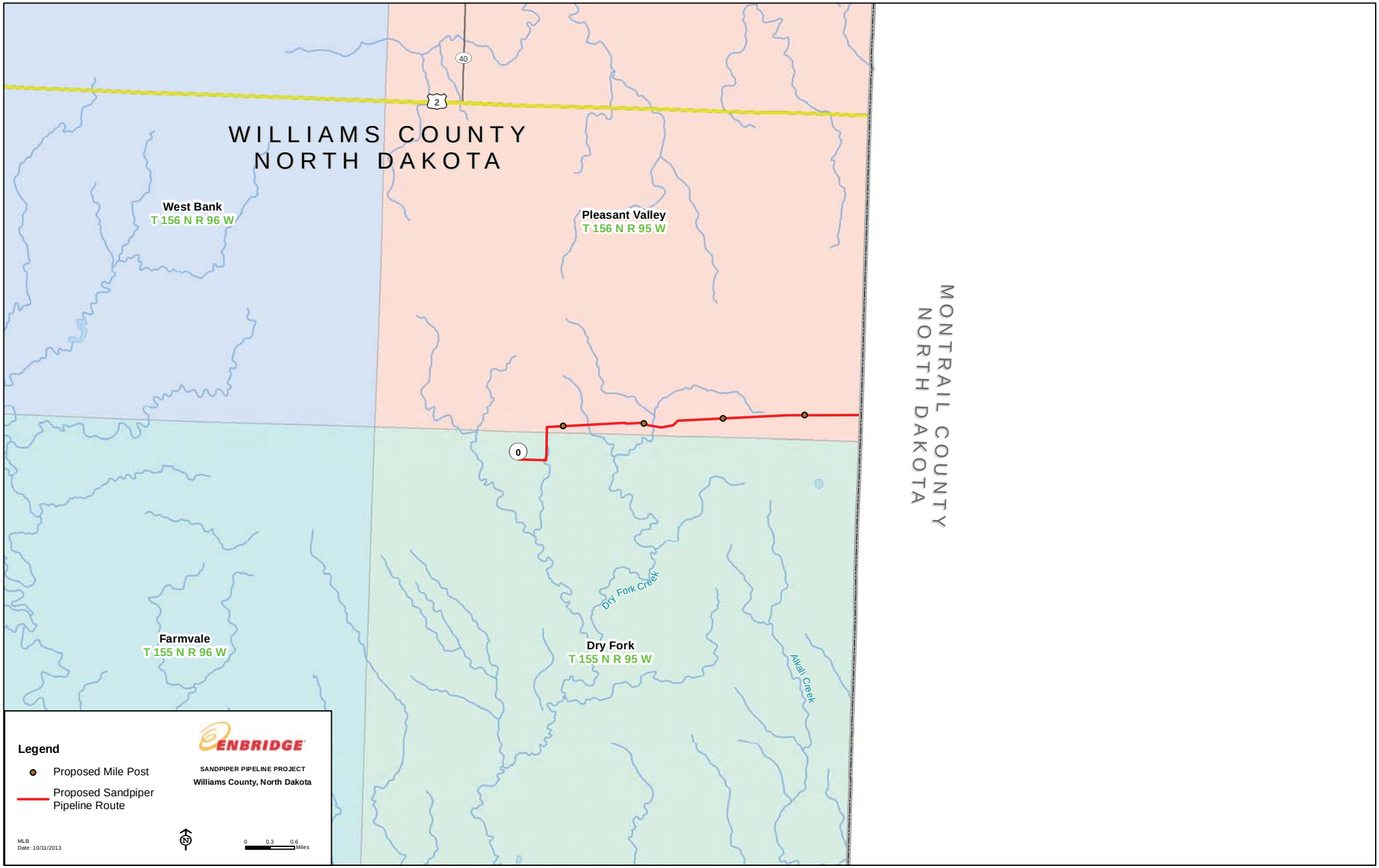

BOTTINEAU COUNTY
NORTH DAKOTA
ROLETTE COUNTY
NORTH DAKOTA
PIERCE COUNTY
NORTH DAKOTA
TOWNER COUNTY
NORTH DAKOTA
MCHENRY COUNTY
NORTH DAKOTA
BENSON COUNTY
NORTH DAKOTA
Unorganized Territory
T 158 N R 74 W
Unorganized Territory
T 158 N R 73 W
Unorganized Territory
T 158 N R 72 W
Unorganized Territory
T 158 N R 71 W
Unorganized Territory
T 158 N R 70 W
Unorganized Territory
T 158 N R 69 W
Unorganized Territory
T 157 N R 74 W
Unorganized Territory
T 157 N R 73 W
Torgerson
T 157 N R 72 W
Unorganized Territory
T 157 N R 71 W
Rush Lake
T 157 N R 70 W
Unorganized Territory
T 157 N R 69 W
Ness
T 156 N R 74 W
Unorganized Territory
T 156 N R 73 W
Meyer
T 156 N R 72 W
Tuscarora
T 155 N R 73 W
Reno Valley
T 155 N R 72 W
Rugby
60
17
130
140
150
160
3
Legend
Proposed Mile Post
Proposed Sandpiper Pipeline Route
ENBRIDGE
SANDPIPER PIPELINE PROJECT
Pierce County, North Dakota
MLB
Date: 10/11/2013
0
1
2
Miles

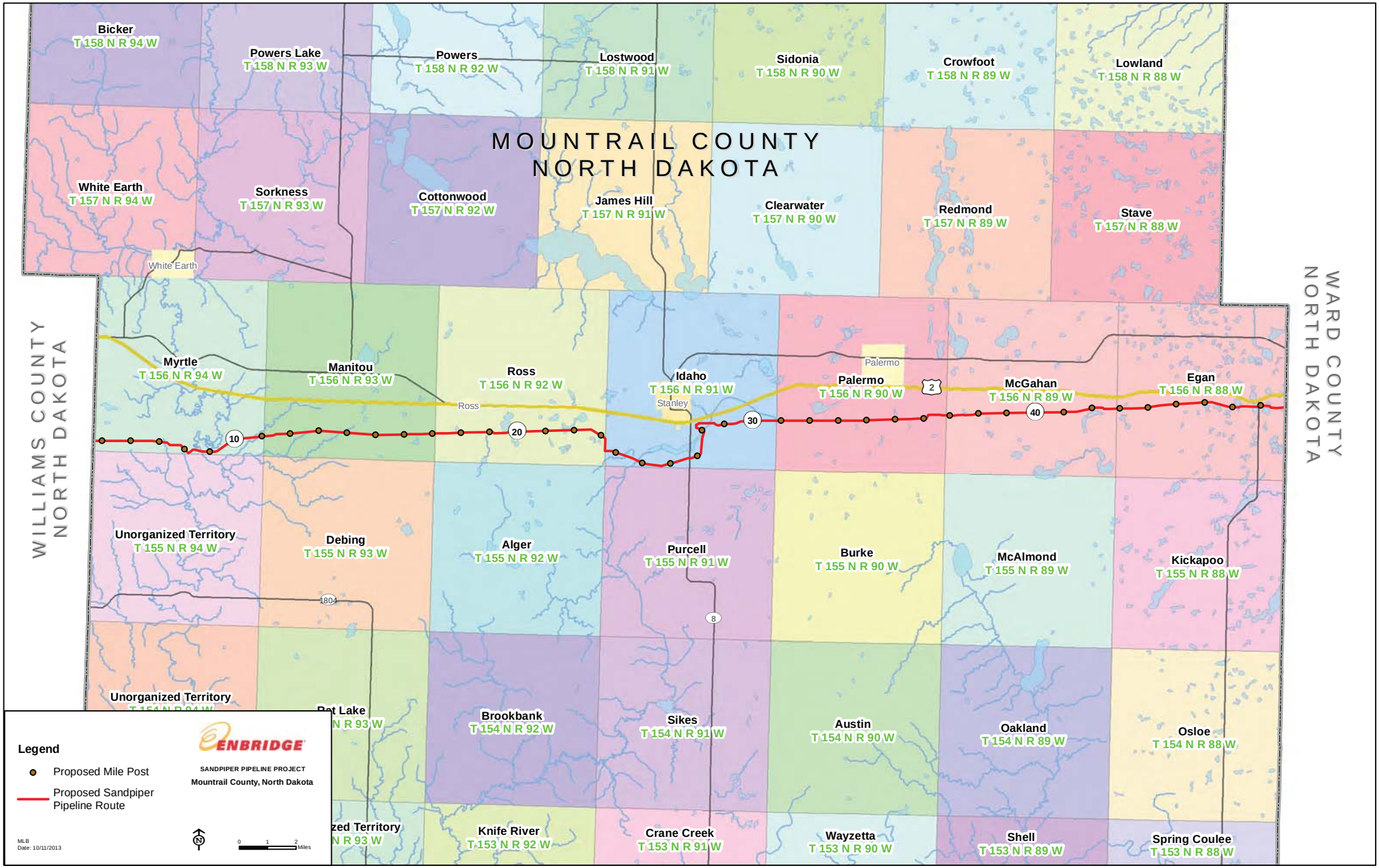

PIERCE COUNTY
NORTH DAKOTA
TOWNER COUNTY
NORTH DAKOTA
Zion
T 158 N R 68 W
Olson
T 158 N R 67 W
Cando
T 158 N R 66 W
Bethel
T 158 N R 65 W
Springfield
T 157 N R 68 W
Atkins
T 157 N R 67 W
Maza
T 157 N R 66 W
Coolin
T 157 N R 65 W
17
281
170
180
Cando
Maza
BENSON COUNTY
NORTH DAKOTA
RAMSEY COUNTY
NORTH DAKOTA
Legend
Proposed Mile Post
Proposed Sandpiper Pipeline Route
ENBRIDGE
SANDPIPER PIPELINE PROJECT
Towner County, North Dakota
MLB
Date: 10/11/2013
N
0
1
2
Miles

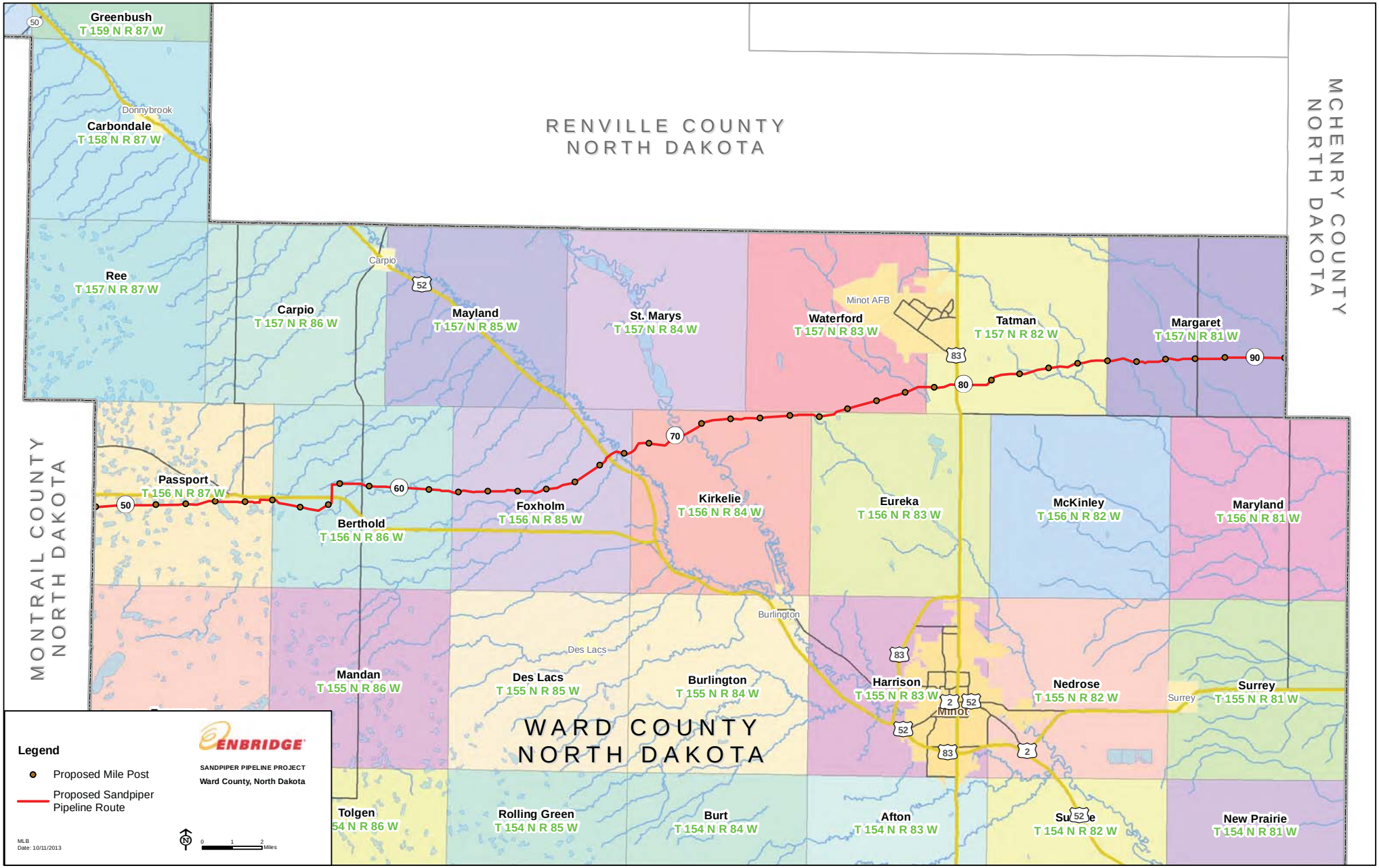

TOWNER COUNTY
NORTH DAKOTA
Hammer
T 157 N R 64 W
Sullivan
T 157 N R 63 W
Overland
T 157 N R 62 W
Fancher
T 157 N R 61 W
Newland
T 157 N R 60 W
RAMSEY COUNTY
NORTH DAKOTA
De Groat
T 156 N R 65 W
Webster
T 156 N R 64 W
Harding
T 156 N R 63 W
Cato
T 156 N R 62 W
Triumph
T 156 N R 61 W
Lawton
T 156 N R 60 W
Lawton
Dry Lake
T 155 N R 65 W
Ramsey
Freshwater
T 155 N R 64 W
Morris
T 155 N R 63 W
Noonan
T 155 N R 62 W
Newbre
T 155 N R 61 W
Lillehoff
T 155 N R 60 W
Brocket
Grand Harbor
T 154 N R 65 W
Minnewaukan
T 154 N R 63 W
Ontario
T 154 N R 62 W
Nixon
T 154 N R 61 W
Creel
T 153 N R 64 W
Devils Lake
South Minnewaukan
T 153 N R 63 W
Stevens
T 153 N R 62 W
Crary
Bartlett
T 153 N R 61 W
NELSON COUNTY
NORTH DAKOTA
190
200
210
220
20
2
1
Legend
Proposed Mile Post
Proposed Sandpiper Pipeline Route
ENBRIDGE
SANDPIPER PIPELINE PROJECT
Ramsey County, North Dakota
MLB
Date: 10/11/2013
0 1 2 Miles

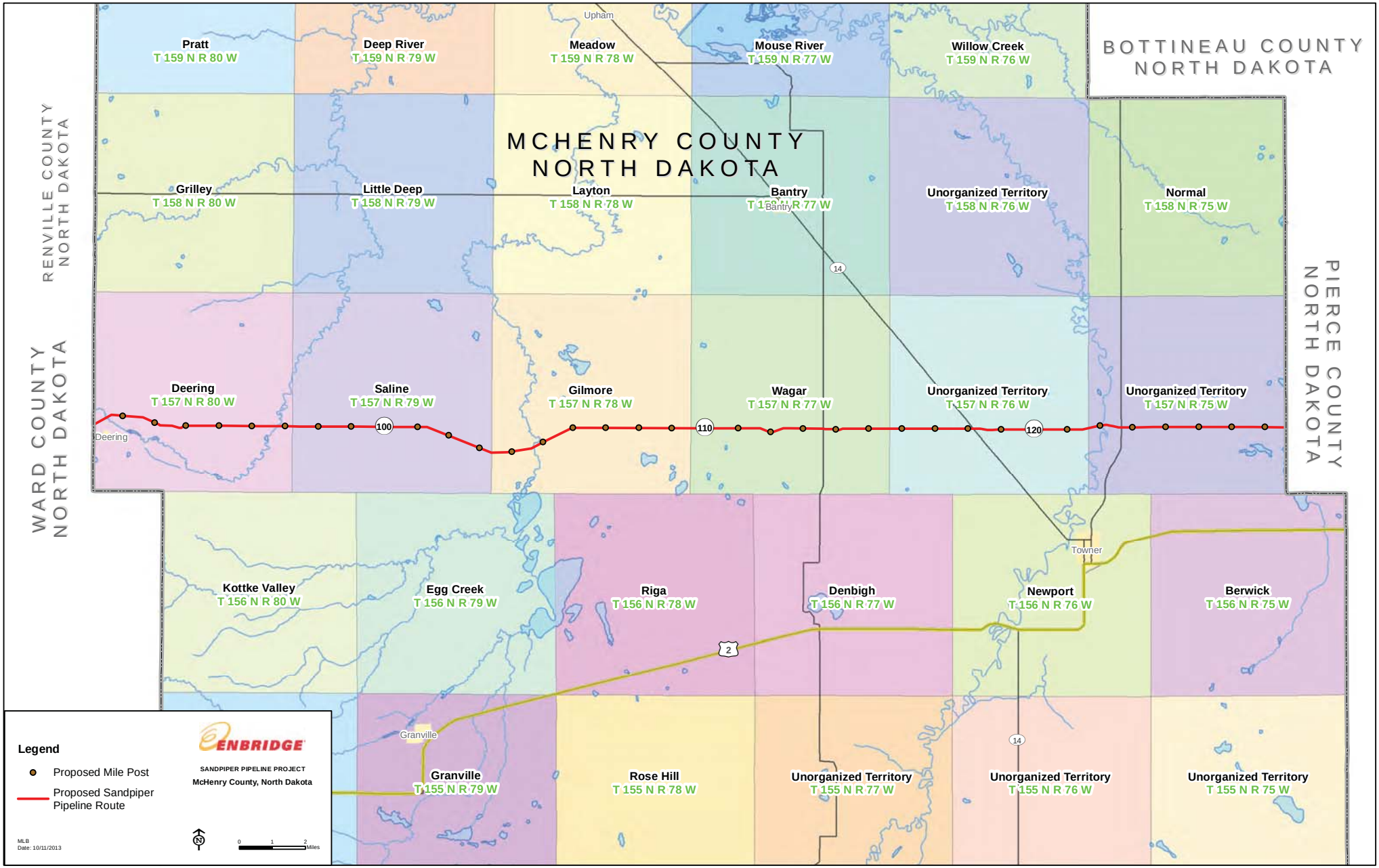

RAMSEY COUNTY
NORTH DAKOTA
NELSON COUNTY
NORTH DAKOTA
GRAND FORKS COUNTY
NORTH DAKOTA
Clara
T 154 N R 60 W
Enterprise
T 154 N R 59 W
Sarnia
T 154 N R 58 W
Dahlen
T 154 N R 57 W
Lakota
T 153 N R 60 W
Rubin
T 153 N R 59 W
Nash
T 153 N R 57 W
Lakota
Michigan City
Michigan
T 152 N R 58 W
Nelson
Petersburg
Illinois
T 152 N R 61 W
Dodds
T 152 N R 60 W
Williams
T 152 N R 59 W
Petersburg
T 152 N R 57 W
Central
T 151 N R 59 W
Melvin
T 151 N R 58 W
Adler
T 151 N R 57 W
35
2
230
240
250
1
32
Legend
Proposed Mile Post
Proposed Sandpiper Pipeline Route
ENBRIDGE
SANDPIPER PIPELINE PROJECT
Nelson County, North Dakota
MLB
Date: 10/11/2013
N
0
1
2
Miles

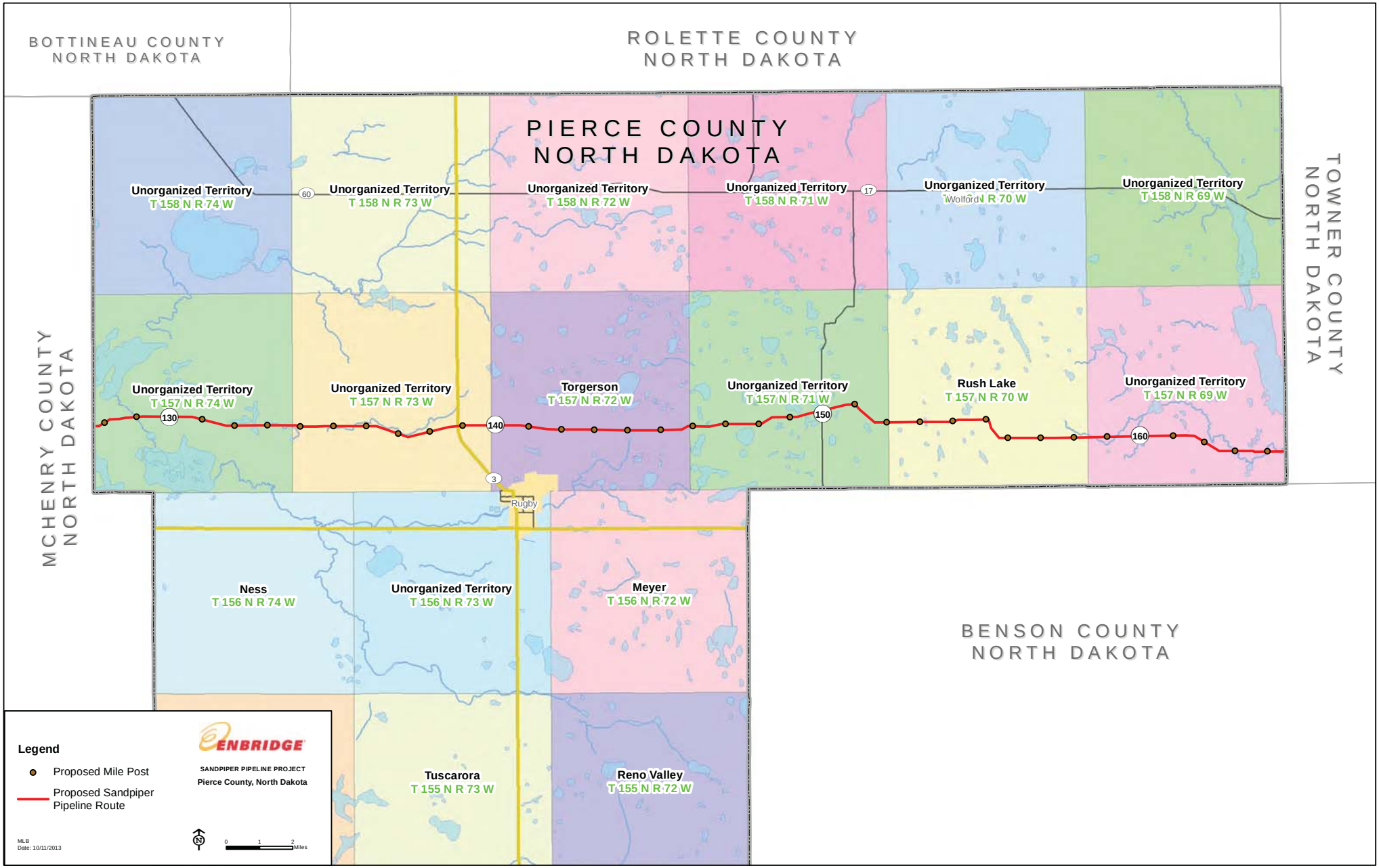

GRAND FORKS COUNTY
NORTH DAKOTA
NELSON COUNTY
NORTH DAKOTA
POLK COUNTY
MINNESOTA
Plymouth
T 153 N R 56 W
Agnes
T 153 N R 55 W
Wheatfield
T 153 N R 54 W
Gilby
T 153 N R 53 W
Lakeville
T 153 N R 52 W
Ferry
T 153 N R 50 W
Gilby
Manvel
Niagara
Niagara
T 152 N R 56 W
Elm Grove
T 152 N R 55 W
Hegton
T 152 N R 54 W
Mekinock
T 152 N R 53 W
Blooming
T 152 N R 52 W
Rye
T 152 N R 51 W
Grand Forks AFB
Emerado
Grand-Forks
Larimore
Moraine
T 151 N R 56 W
Larimore
T 151 N R 55 W
Arvilla
T 151 N R 54 W
Chester
T 151 N R 53 W
Oakville
T 151 N R 52 W
Brenna
T 151 N R 51 W
Grand Forks
T 151 N R 50 W
Logan Center
T 150 N R 56 W
Grace
T 150 N R 55 W
Avon
T 150 N R 54 W
Pleasant View
T 150 N R 53 W
Fairfield
T 150 N R 52 W
Allendale
T 150 N R 51 W
Walle
T 150 N R 49 W
Thompson
Northwood
Lind
149 N R 55 W
Northwood
T 149 N R 54 W
Washington
T 149 N R 53 W
Union
T 149 N R 52 W
Michigan
T 149 N R 51 W
Americus
T 149 N R 50 W
Legend
Proposed Mile Post
Proposed Sandpiper Pipeline Route
ENBRIDGE
SANDPIPER PIPELINE PROJECT
Grand Forks County, North Dakota
MLB
Date: 10/11/2013
0 1 2 Miles

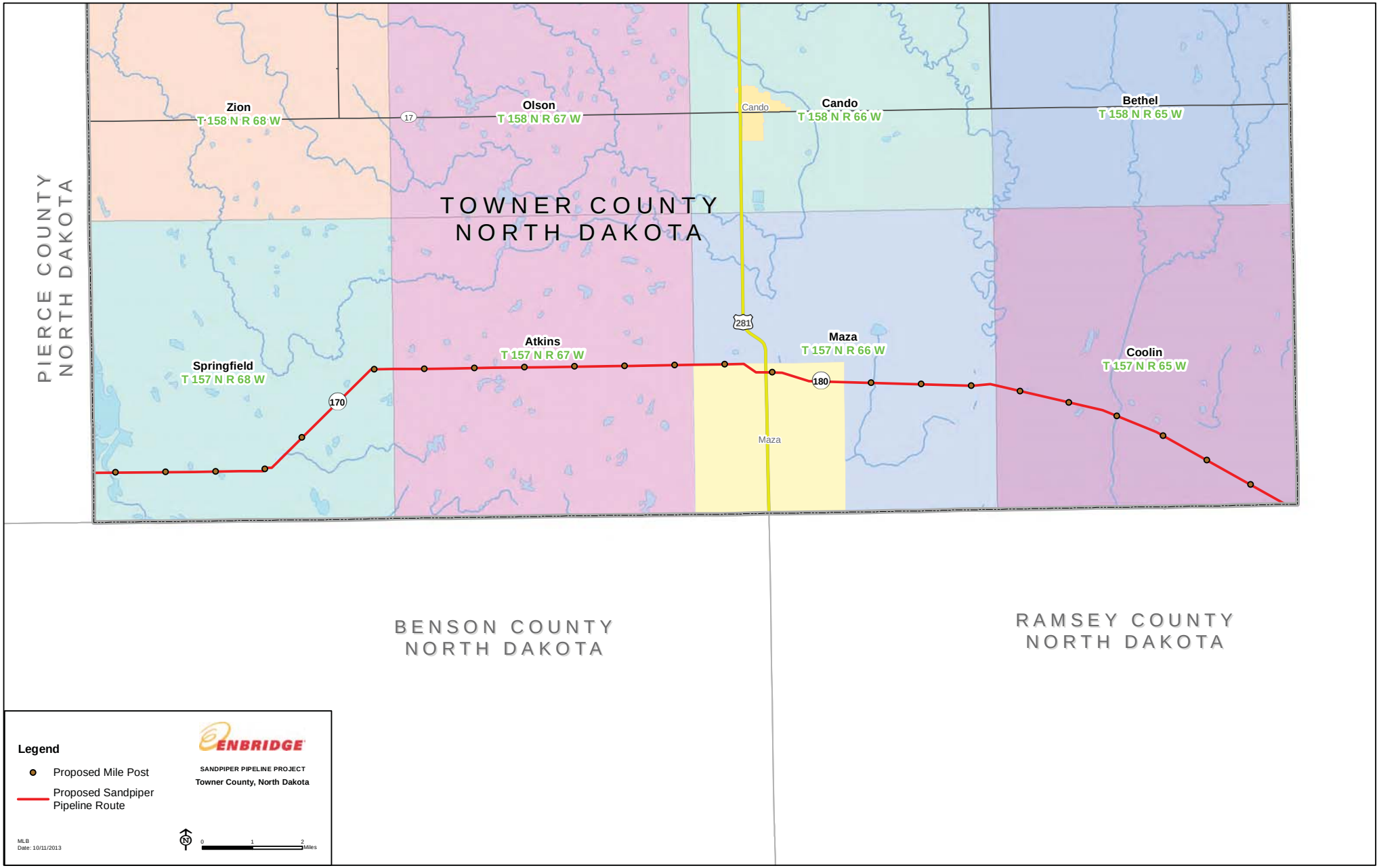

WILLIAMS COUNTY
NORTH DAKOTA
MONTRAIL COUNTY
NORTH DAKOTA
West Bank
T 156 N R 96 W
Pleasant Valley
T 156 N R 95 W
Farmvale
T 155 N R 96 W
Dry Fork
T 155 N R 95 W
Dry Fork Creek
Alkali Creek
40
2
0
Legend
Proposed Mile Post
Proposed Sandpiper Pipeline Route
ENBRIDGE
SANDPIPER PIPELINE PROJECT
Williams County, North Dakota
MLB
Date: 10/11/2013
0 0.3 0.6 Miles

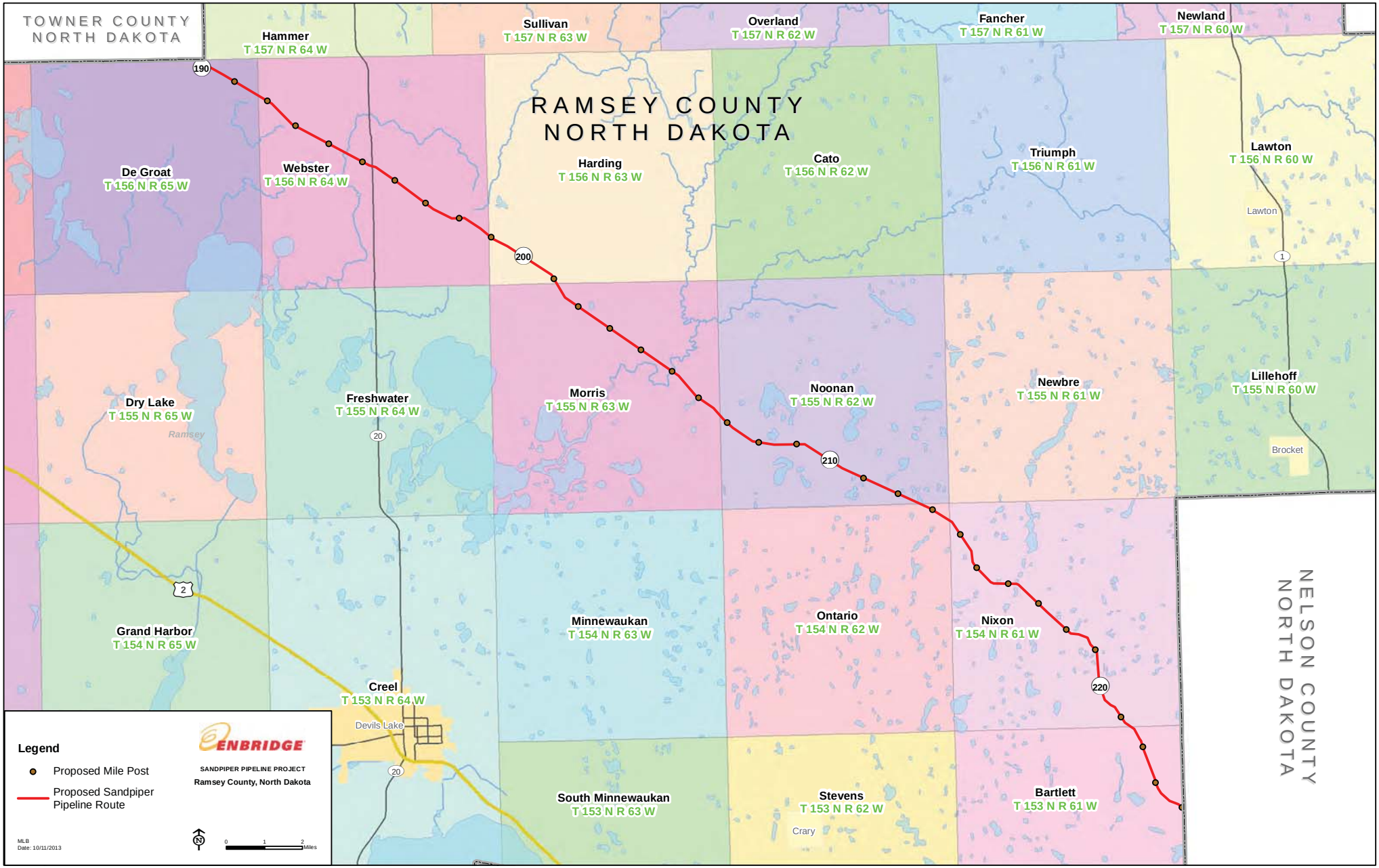

MOUNTRAIL COUNTY
NORTH DAKOTA
WILLIAMS COUNTY
NORTH DAKOTA
WARD COUNTY
NORTH DAKOTA
Bicker
T 158 N R 94 W
Powers Lake
T 158 N R 93 W
Powers
T 158 N R 92 W
Lostwood
T 158 N R 91 W
Sidonia
T 158 N R 90 W
Crowfoot
T 158 N R 89 W
Lowland
T 158 N R 88 W
White Earth
T 157 N R 94 W
Sorkness
T 157 N R 93 W
Cottonwood
T 157 N R 92 W
James Hill
T 157 N R 91 W
Clearwater
T 157 N R 90 W
Redmond
T 157 N R 89 W
Stave
T 157 N R 88 W
White Earth
Myrtle
T 156 N R 94 W
Manitou
T 156 N R 93 W
Ross
T 156 N R 92 W
Idaho
T 156 N R 91 W
Stanley
Palermo
Palermo
T 156 N R 90 W
McGahan
T 156 N R 89 W
Egan
T 156 N R 88 W
Ross
10
20
30
40
2
Unorganized Territory
T 155 N R 94 W
Debing
T 155 N R 93 W
Alger
T 155 N R 92 W
Purcell
T 155 N R 91 W
Burke
T 155 N R 90 W
McAlmond
T 155 N R 89 W
Kickapoo
T 155 N R 88 W
1804
8
Unorganized Territory
Pat Lake
N R 93 W
Brookbank
T 154 N R 92 W
Sikes
T 154 N R 91 W
Austin
T 154 N R 90 W
Oakland
T 154 N R 89 W
Osloe
T 154 N R 88 W
zed Territory
N R 93 W
Knife River
T 153 N R 92 W
Crane Creek
T 153 N R 91 W
Wayzetta
T 153 N R 90 W
Shell
T 153 N R 89 W
Spring Coulee
T 153 N R 88 W
Legend
Proposed Mile Post
Proposed Sandpiper Pipeline Route
ENBRIDGE
SANDPIPER PIPELINE PROJECT
Mountrail County, North Dakota
MLB
Date: 10/11/2013
0 1 2 Miles

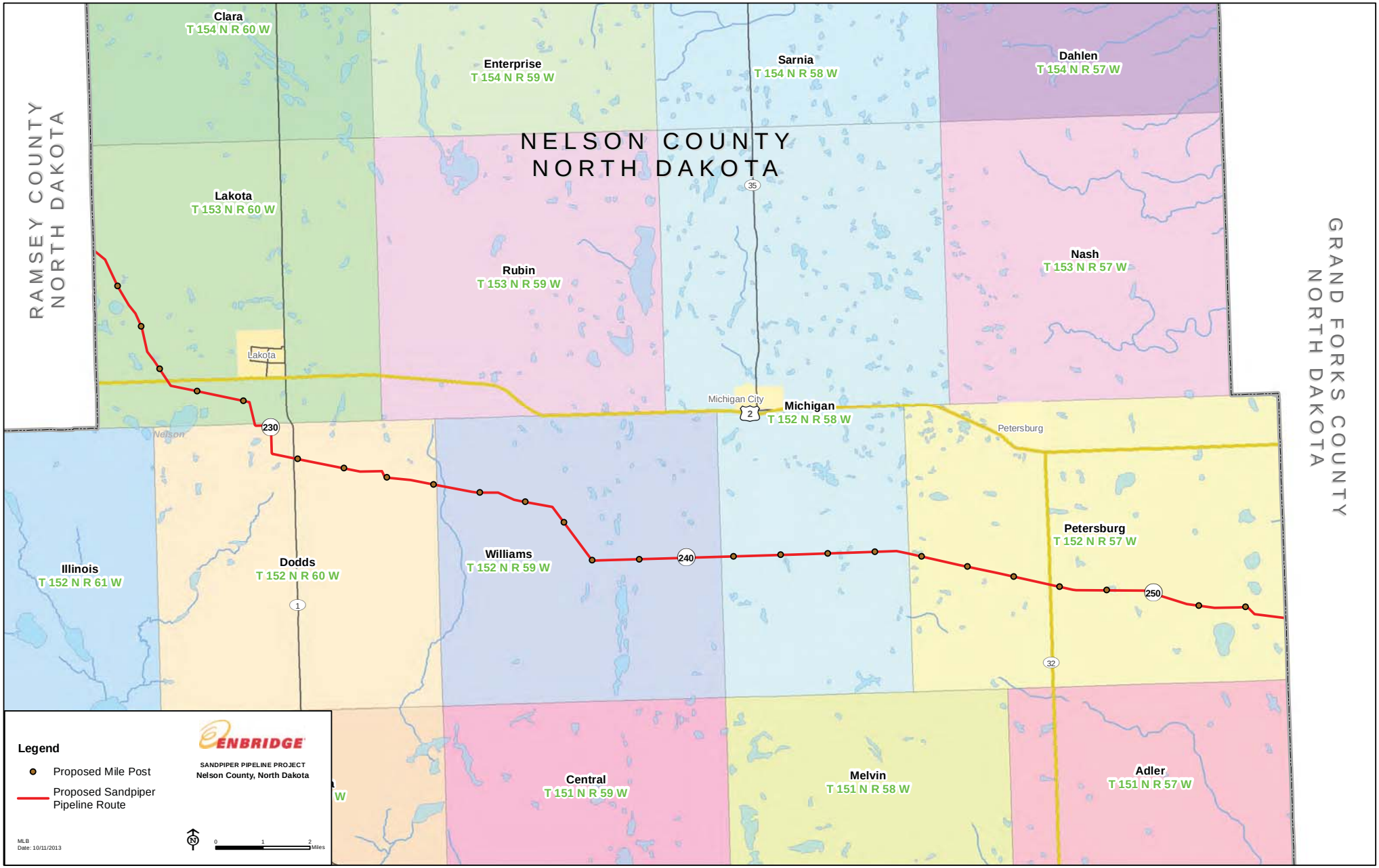

Greenbush
T 159 N R 87 W
Donnybrook
Carbondale
T 158 N R 87 W
RENVILLE COUNTY
NORTH DAKOTA
MCHENRY COUNTY
NORTH DAKOTA
Carpio
Ree
T 157 N R 87 W
Carpio
T 157 N R 86 W
Mayland
T 157 N R 85 W
St. Marys
T 157 N R 84 W
Minot AFB
Waterford
T 157 N R 83 W
Tatman
T 157 N R 82 W
Margaret
T 157 N R 81 W
MONTRAIL COUNTY
NORTH DAKOTA
Passport
T 156 N R 87 W
Berthold
T 156 N R 86 W
Foxholm
T 156 N R 85 W
Kirkelie
T 156 N R 84 W
Eureka
T 156 N R 83 W
McKinley
T 156 N R 82 W
Maryland
T 156 N R 81 W
Burlington
Des Lacs
Mandan
T 155 N R 86 W
Des Lacs
T 155 N R 85 W
Burlington
T 155 N R 84 W
Harrison
T 155 N R 83 W
Minot
Nedrose
T 155 N R 82 W
Surrey
Surrey
T 155 N R 81 W
WARD COUNTY
NORTH DAKOTA
Tolgen
54 N R 86 W
Rolling Green
T 154 N R 85 W
Burt
T 154 N R 84 W
Afton
T 154 N R 83 W
Su e
T 154 N R 82 W
New Prairie
T 154 N R 81 W
Legend
Proposed Mile Post
Proposed Sandpiper
Pipeline Route
ENBRIDGE
SANDPIPER PIPELINE PROJECT
Ward County, North Dakota
MLB
Date: 10/11/2013
0 1 2
Miles

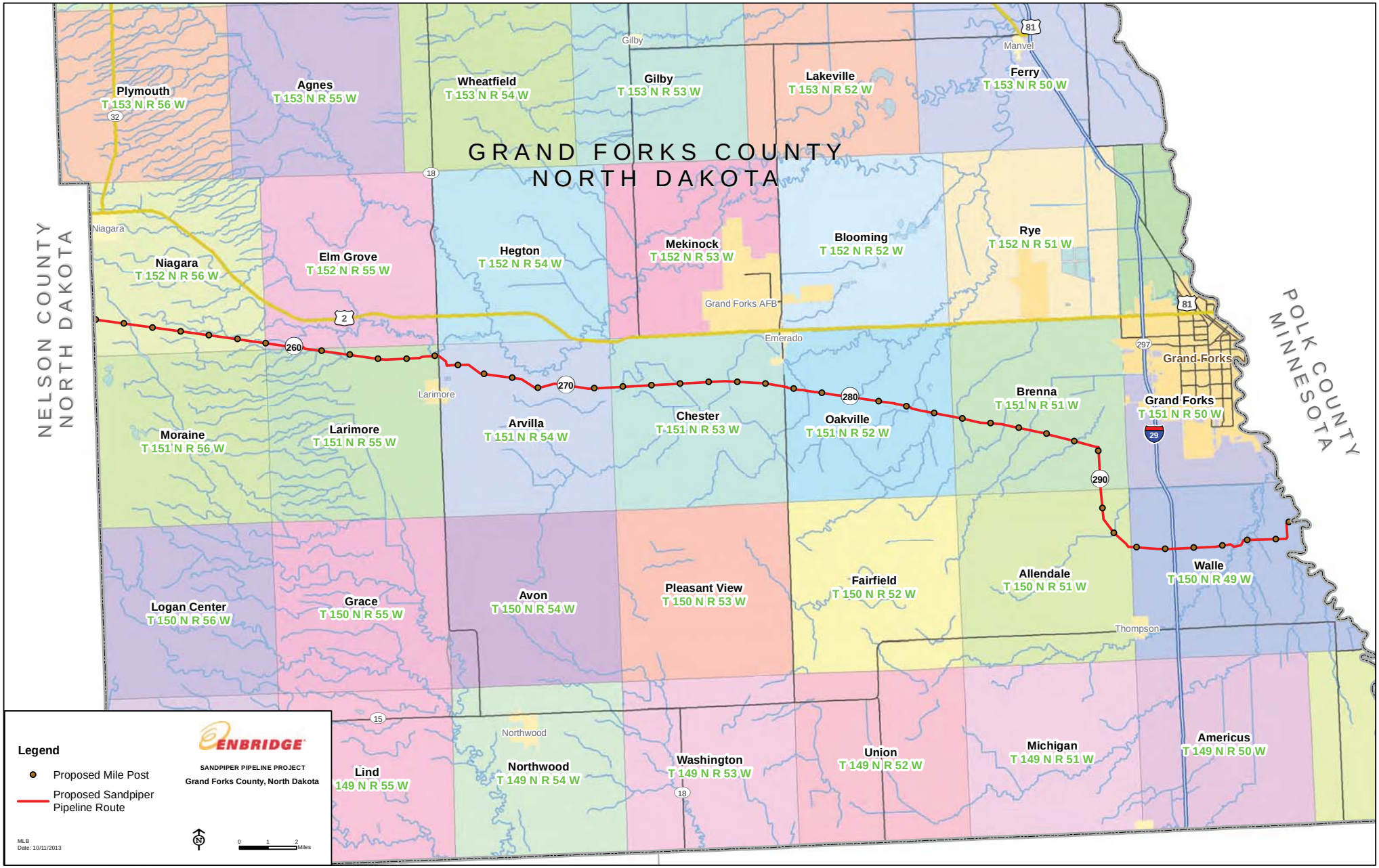

MCHENRY COUNTY
NORTH DAKOTA
BOTTINEAU COUNTY
NORTH DAKOTA
RENVILLE COUNTY
NORTH DAKOTA
WARD COUNTY
NORTH DAKOTA
PIERCE COUNTY
NORTH DAKOTA
Pratt
T 159 N R 80 W
Deep River
T 159 N R 79 W
Meadow
T 159 N R 78 W
Mouse River
T 159 N R 77 W
Willow Creek
T 159 N R 76 W
Grilley
T 158 N R 80 W
Little Deep
T 158 N R 79 W
Layton
T 158 N R 78 W
Bantry
T 158 N R 77 W
Unorganized Territory
T 158 N R 76 W
Normal
T 158 N R 75 W
Deering
T 157 N R 80 W
Saline
T 157 N R 79 W
Gilmore
T 157 N R 78 W
Wagar
T 157 N R 77 W
Unorganized Territory
T 157 N R 76 W
Unorganized Territory
T 157 N R 75 W
Kottke Valley
T 156 N R 80 W
Egg Creek
T 156 N R 79 W
Riga
T 156 N R 78 W
Denbigh
T 156 N R 77 W
Newport
T 156 N R 76 W
Berwick
T 156 N R 75 W
Granville
T 155 N R 79 W
Rose Hill
T 155 N R 78 W
Unorganized Territory
T 155 N R 77 W
Unorganized Territory
T 155 N R 76 W
Unorganized Territory
T 155 N R 75 W
Upham
Bantry
Deering
Towner
Granville
100
110
120
14
2
Legend
Proposed Mile Post
Proposed Sandpiper Pipeline Route
ENBRIDGE
SANDPIPER PIPELINE PROJECT
McHenry County, North Dakota
MLB
Date: 10/11/2013
0
1
2
Miles

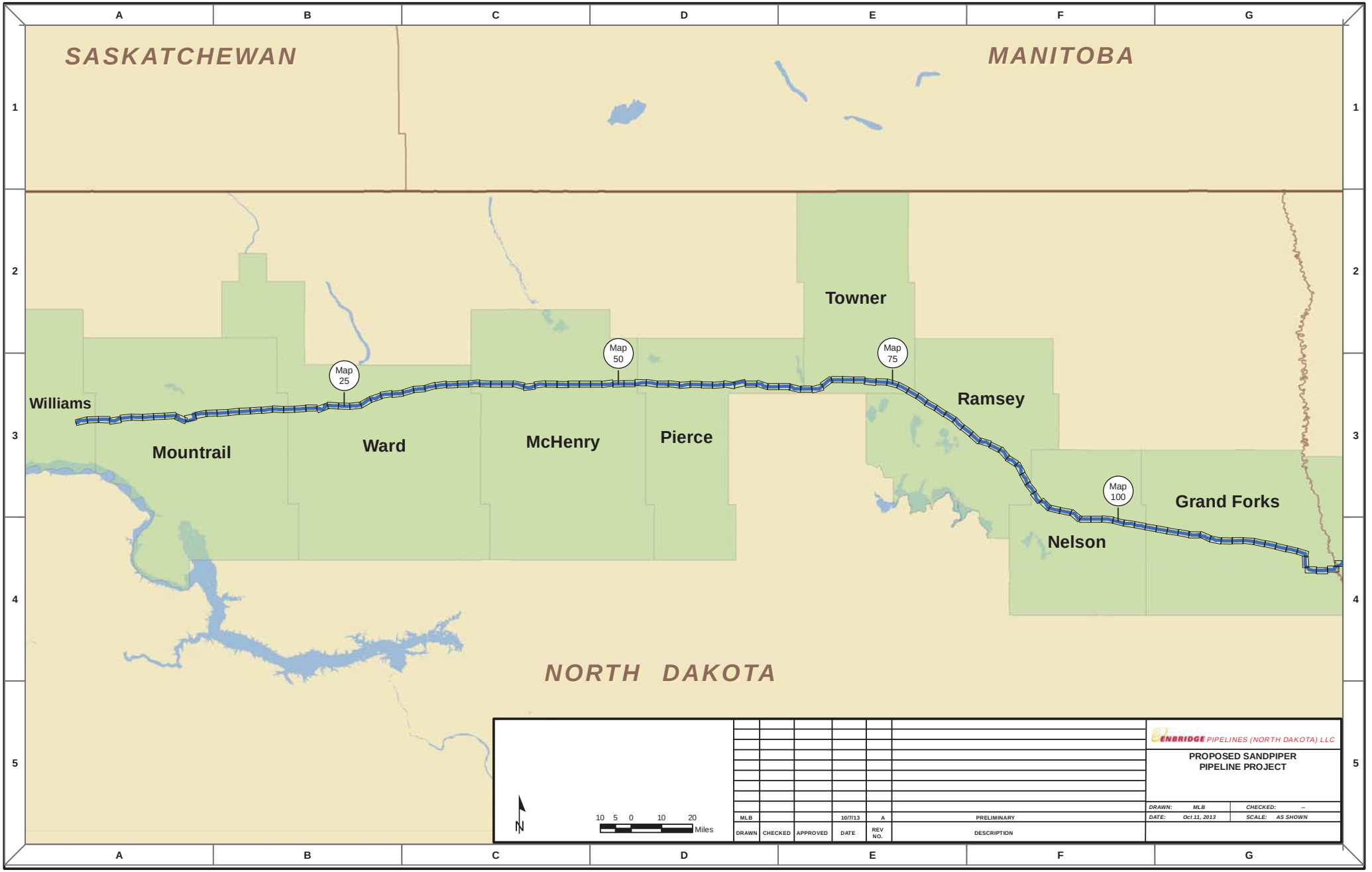

BOTTINEAU COUNTY
NORTH DAKOTA
ROLETTE COUNTY
NORTH DAKOTA
PIERCE COUNTY
NORTH DAKOTA
TOWNER COUNTY
NORTH DAKOTA
MCHENRY COUNTY
NORTH DAKOTA
BENSON COUNTY
NORTH DAKOTA
Unorganized Territory
T 158 N R 74 W
Unorganized Territory
T 158 N R 73 W
Unorganized Territory
T 158 N R 72 W
Unorganized Territory
T 158 N R 71 W
Unorganized Territory
Wolford N R 70 W
Unorganized Territory
T 158 N R 69 W
Unorganized Territory
T 157 N R 74 W
Unorganized Territory
T 157 N R 73 W
Torgerson
T 157 N R 72 W
Unorganized Territory
T 157 N R 71 W
Rush Lake
T 157 N R 70 W
Unorganized Territory
T 157 N R 69 W
Rugby
Ness
T 156 N R 74 W
Unorganized Territory
T 156 N R 73 W
Meyer
T 156 N R 72 W
Tuscarora
T 155 N R 73 W
Reno Valley
T 155 N R 72 W
60
17
130
140
150
160
3
Legend
Proposed Mile Post
Proposed Sandpiper Pipeline Route
ENBRIDGE
SANDPIPER PIPELINE PROJECT
Pierce County, North Dakota
MLB
Date: 10/11/2013
0
1
2
Miles

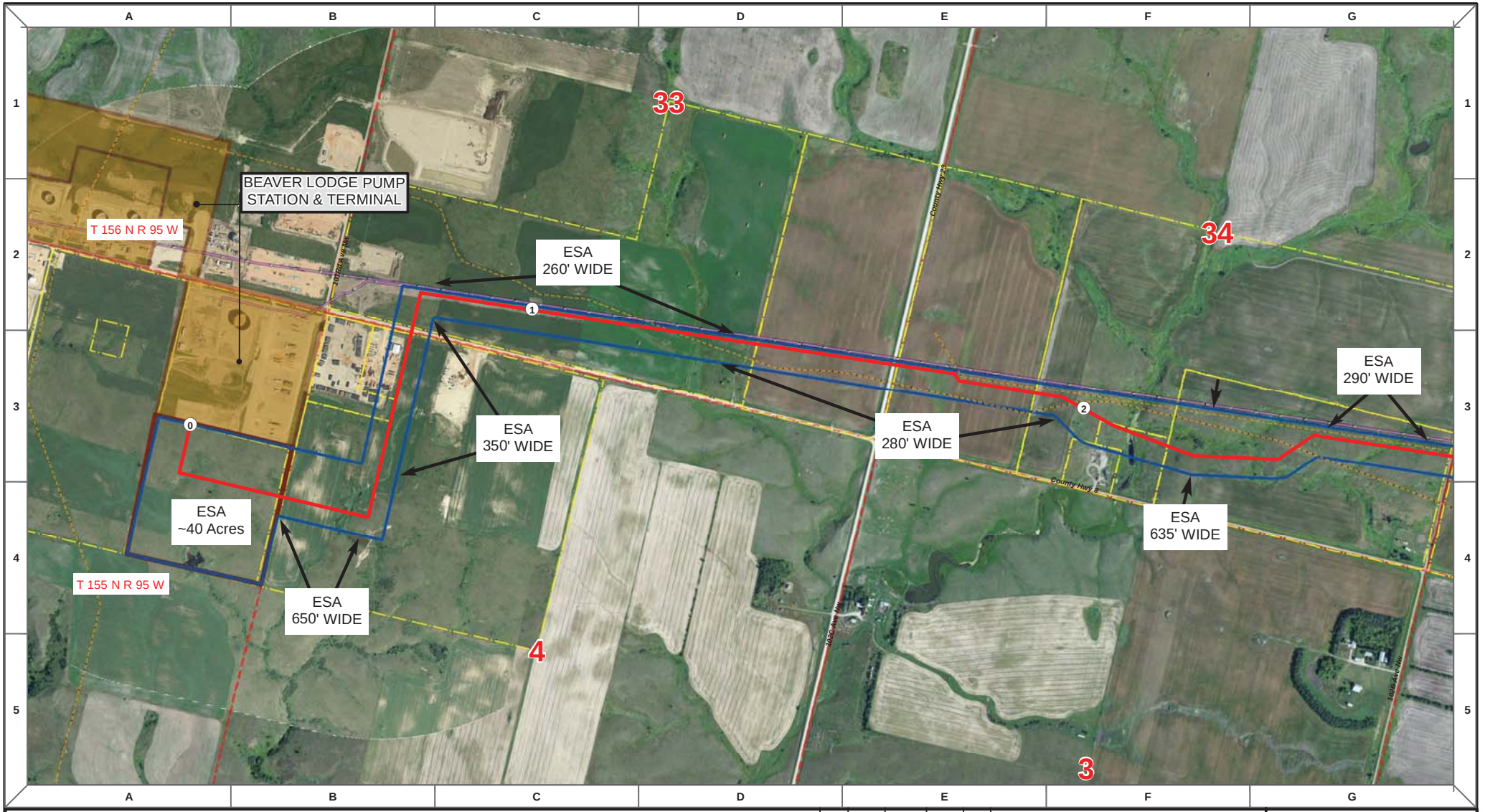

PIERCE COUNTY
NORTH DAKOTA
TOWNER COUNTY
NORTH DAKOTA
Zion
T 158 N R 68 W
Olson
T 158 N R 67 W
Cando
T 158 N R 66 W
Bethel
T 158 N R 65 W
Cando
17
281
180
170
Springfield
T 157 N R 68 W
Atkins
T 157 N R 67 W
Maza
T 157 N R 66 W
Coolin
T 157 N R 65 W
Maza
BENSON COUNTY
NORTH DAKOTA
RAMSEY COUNTY
NORTH DAKOTA
Legend
Proposed Mile Post
Proposed Sandpiper Pipeline Route
ENBRIDGE
SANDPIPER PIPELINE PROJECT
Towner County, North Dakota
MLB
Date: 10/11/2013
N
0
1
2
Miles


TOWNER COUNTY
NORTH DAKOTA
Hammer
T 157 N R 64 W
Sullivan
T 157 N R 63 W
Overland
T 157 N R 62 W
Fancher
T 157 N R 61 W
Newland
T 157 N R 60 W
RAMSEY COUNTY
NORTH DAKOTA
190
De Groat
T 156 N R 65 W
Webster
T 156 N R 64 W
Harding
T 156 N R 63 W
Cato
T 156 N R 62 W
Triumph
T 156 N R 61 W
Lawton
T 156 N R 60 W
Lawton
1
200
Dry Lake
T 155 N R 65 W
Ramsey
Freshwater
T 155 N R 64 W
20
Morris
T 155 N R 63 W
Noonan
T 155 N R 62 W
Newbre
T 155 N R 61 W
Lillehoff
T 155 N R 60 W
Brocket
210
2
Grand Harbor
T 154 N R 65 W
Minnewaukan
T 154 N R 63 W
Ontario
T 154 N R 62 W
Nixon
T 154 N R 61 W
220
Creel
T 153 N R 64 W
Devils Lake
20
South Minnewaukan
T 153 N R 63 W
Stevens
T 153 N R 62 W
Crary
Bartlett
T 153 N R 61 W
NELSON COUNTY
NORTH DAKOTA
Legend
Proposed Mile Post
Proposed Sandpiper Pipeline Route
ENBRIDGE
SANDPIPER PIPELINE PROJECT
Ramsey County, North Dakota
MLB
Date: 10/11/2013
N
0
1
2
Miles


RAMSEY COUNTY
NORTH DAKOTA
NELSON COUNTY
NORTH DAKOTA
GRAND FORKS COUNTY
NORTH DAKOTA
Clara
T 154 N R 60 W
Enterprise
T 154 N R 59 W
Sarnia
T 154 N R 58 W
Dahlen
T 154 N R 57 W
Lakota
T 153 N R 60 W
Rubin
T 153 N R 59 W
Nash
T 153 N R 57 W
Lakota
Michigan City
Michigan
T 152 N R 58 W
Nelson
Petersburg
Illinois
T 152 N R 61 W
Dodds
T 152 N R 60 W
Williams
T 152 N R 59 W
Petersburg
T 152 N R 57 W
Central
T 151 N R 59 W
Melvin
T 151 N R 58 W
Adler
T 151 N R 57 W
35
2
230
240
250
1
32
Legend
Proposed Mile Post
Proposed Sandpiper Pipeline Route
ENBRIDGE
SANDPIPER PIPELINE PROJECT
Nelson County, North Dakota
MLB
Date: 10/11/2013
N
0
1
2
Miles


GRAND FORKS COUNTY
NORTH DAKOTA
NELSON COUNTY
NORTH DAKOTA
POLK COUNTY
MINNESOTA
Plymouth
T 153 N R 56 W
Agnes
T 153 N R 55 W
Wheatfield
T 153 N R 54 W
Gilby
T 153 N R 53 W
Lakeville
T 153 N R 52 W
Ferry
T 153 N R 50 W
Niagara
T 152 N R 56 W
Elm Grove
T 152 N R 55 W
Hegton
T 152 N R 54 W
Mekinock
T 152 N R 53 W
Blooming
T 152 N R 52 W
Rye
T 152 N R 51 W
Moraine
T 151 N R 56 W
Larimore
T 151 N R 55 W
Arvilla
T 151 N R 54 W
Chester
T 151 N R 53 W
Oakville
T 151 N R 52 W
Brenna
T 151 N R 51 W
Grand Forks
T 151 N R 50 W
Logan Center
T 150 N R 56 W
Grace
T 150 N R 55 W
Avon
T 150 N R 54 W
Pleasant View
T 150 N R 53 W
Fairfield
T 150 N R 52 W
Allendale
T 150 N R 51 W
Walle
T 150 N R 49 W
Lind
149 N R 55 W
Northwood
T 149 N R 54 W
Washington
T 149 N R 53 W
Union
T 149 N R 52 W
Michigan
T 149 N R 51 W
Americus
T 149 N R 50 W
Gilby
Manvel
Niagara
Grand Forks AFB
Emerado
Grand-Forks
Larimore
Thompson
Northwood
Legend
Proposed Mile Post
Proposed Sandpiper Pipeline Route
ENBRIDGE
SANDPIPER PIPELINE PROJECT
Grand Forks County, North Dakota
MLB
Date: 10/11/2013
0 1 2 Miles


SASKATCHEWAN
MANITOBA
NORTH DAKOTA
Williams
Mountrail
Ward
McHenry
Pierce
Towner
Ramsey
Nelson
Grand Forks
Map 25
Map 50
Map 75
Map 100
N
10 5 0 10 20
Miles
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC
PROPOSED SANDPIPER PIPELINE PROJECT
DRAWN: MLB
CHECKED: --
DATE: Oct 11, 2013
SCALE: AS SHOWN
MLB
10/7/13
A
PRELIMINARY
DRAWN
CHECKED
APPROVED
DATE
REV NO.
DESCRIPTION



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

N

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

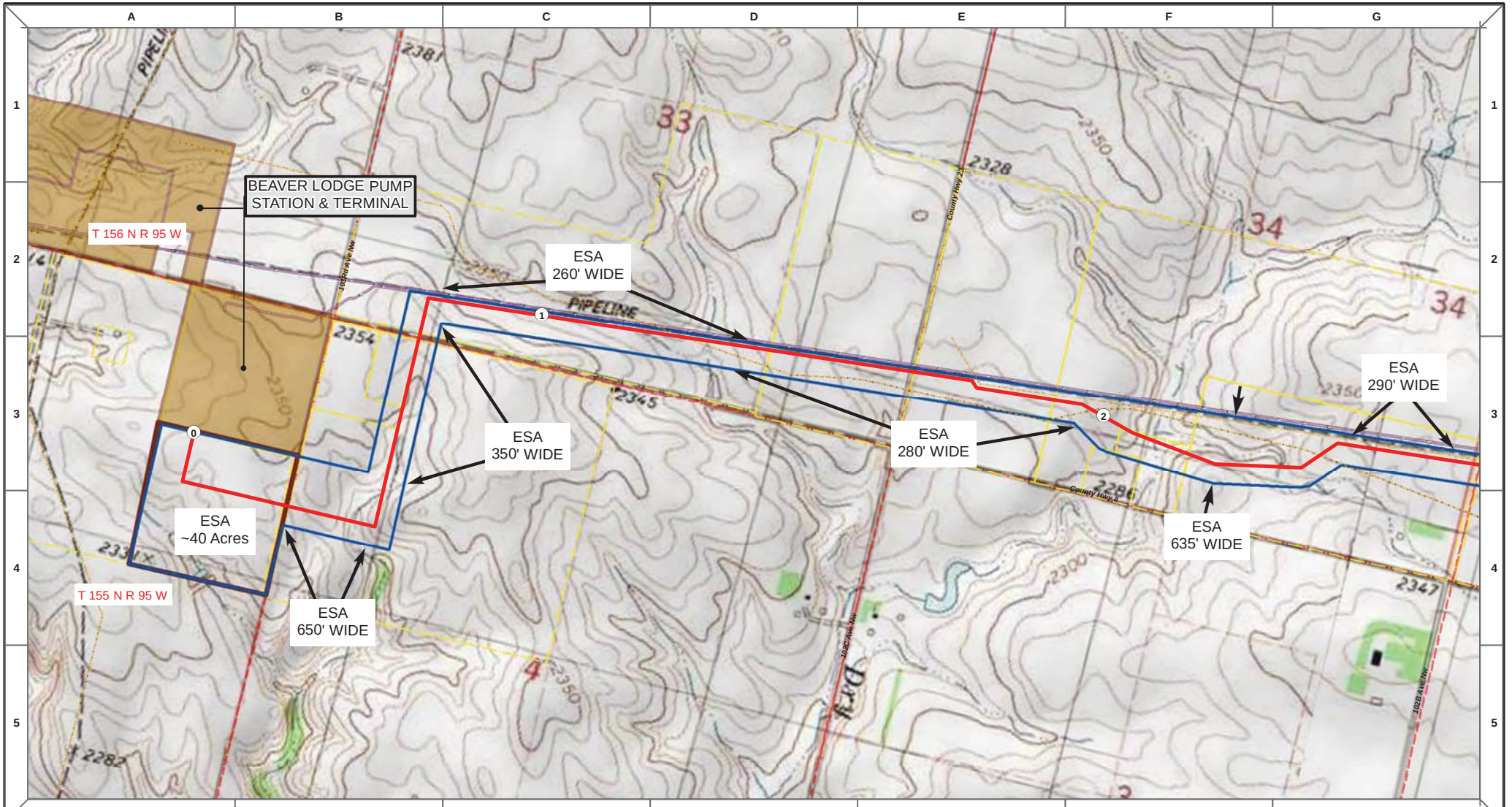
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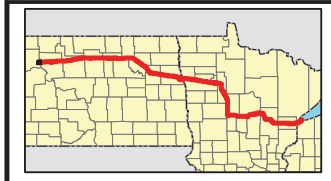
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Williams County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 1 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

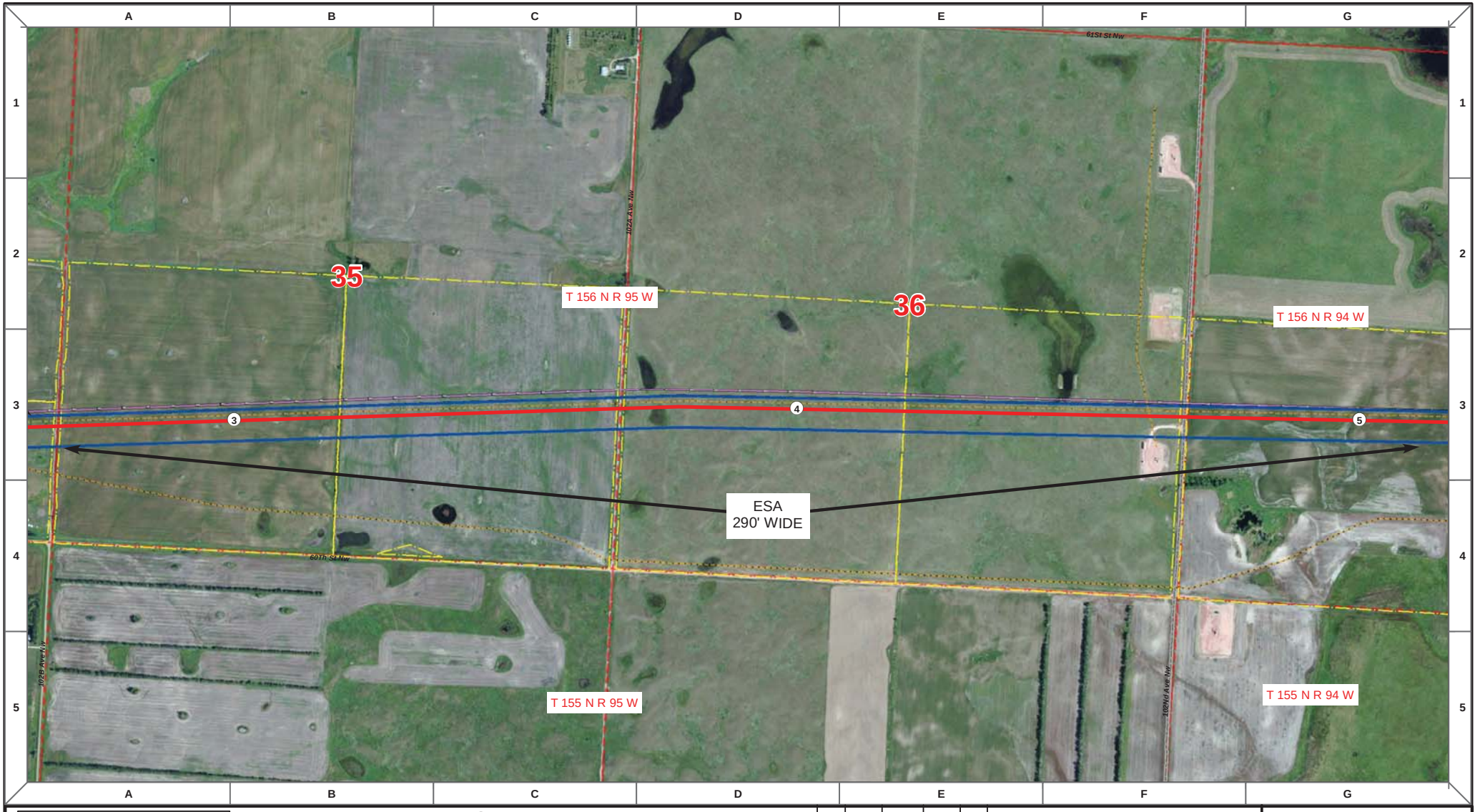
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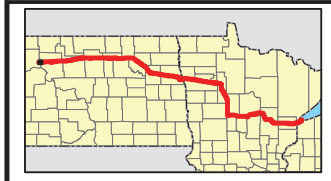
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Williams County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:1 Map: 1 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
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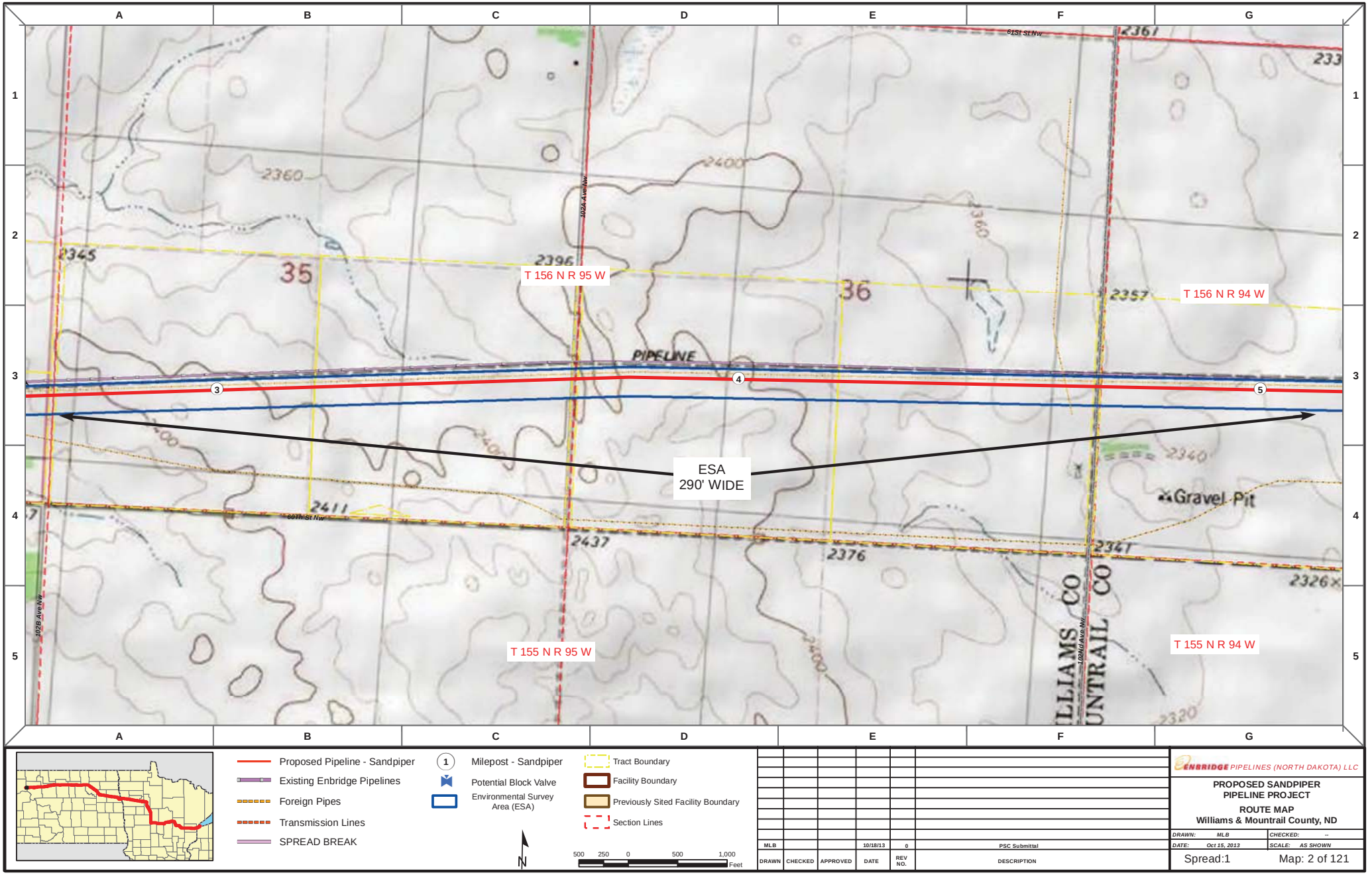
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Williams & Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 2 of 121



DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

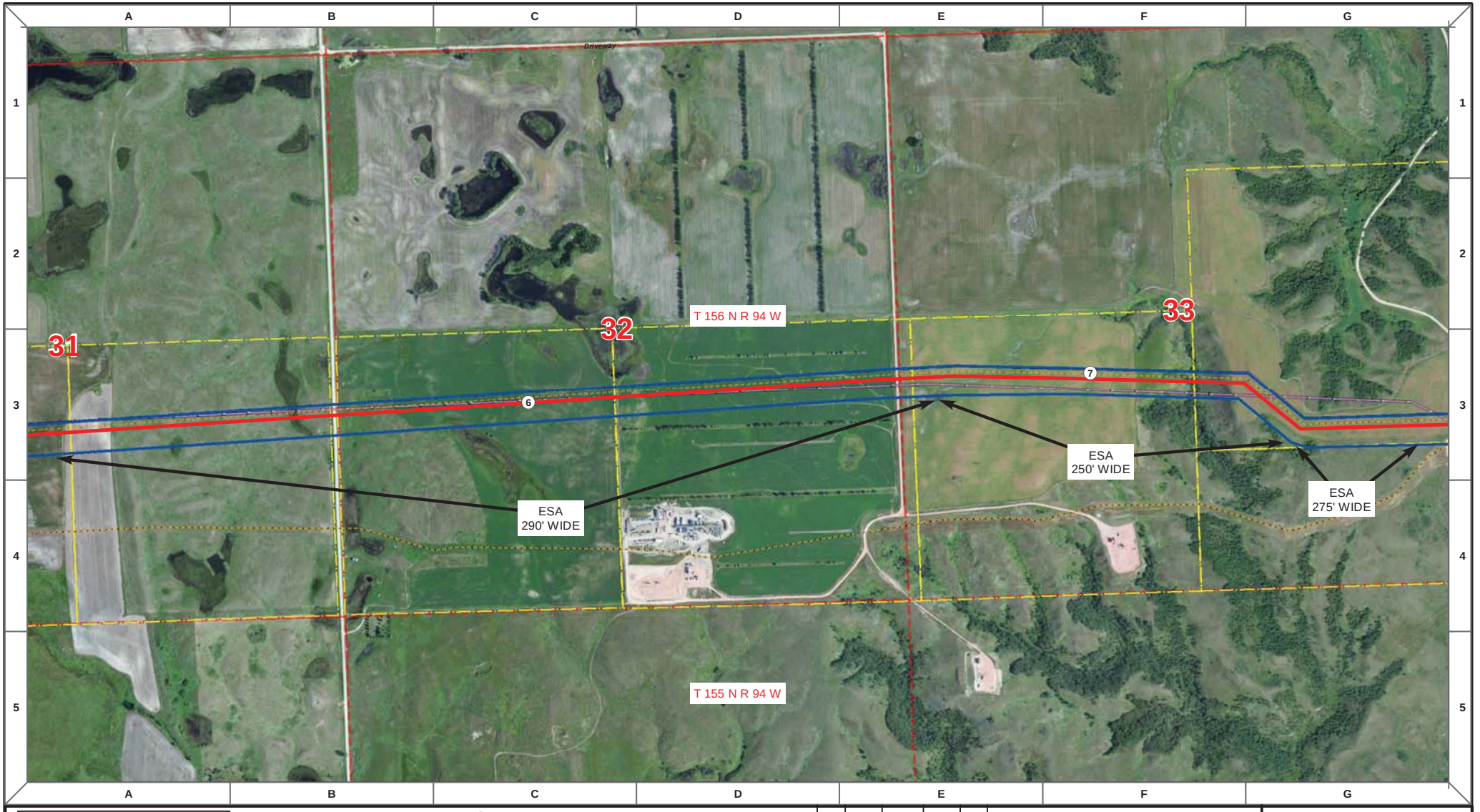
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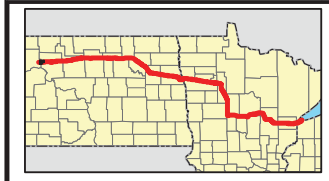
ROUTE MAP

Williams & Mountrail County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:1 Map: 2 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

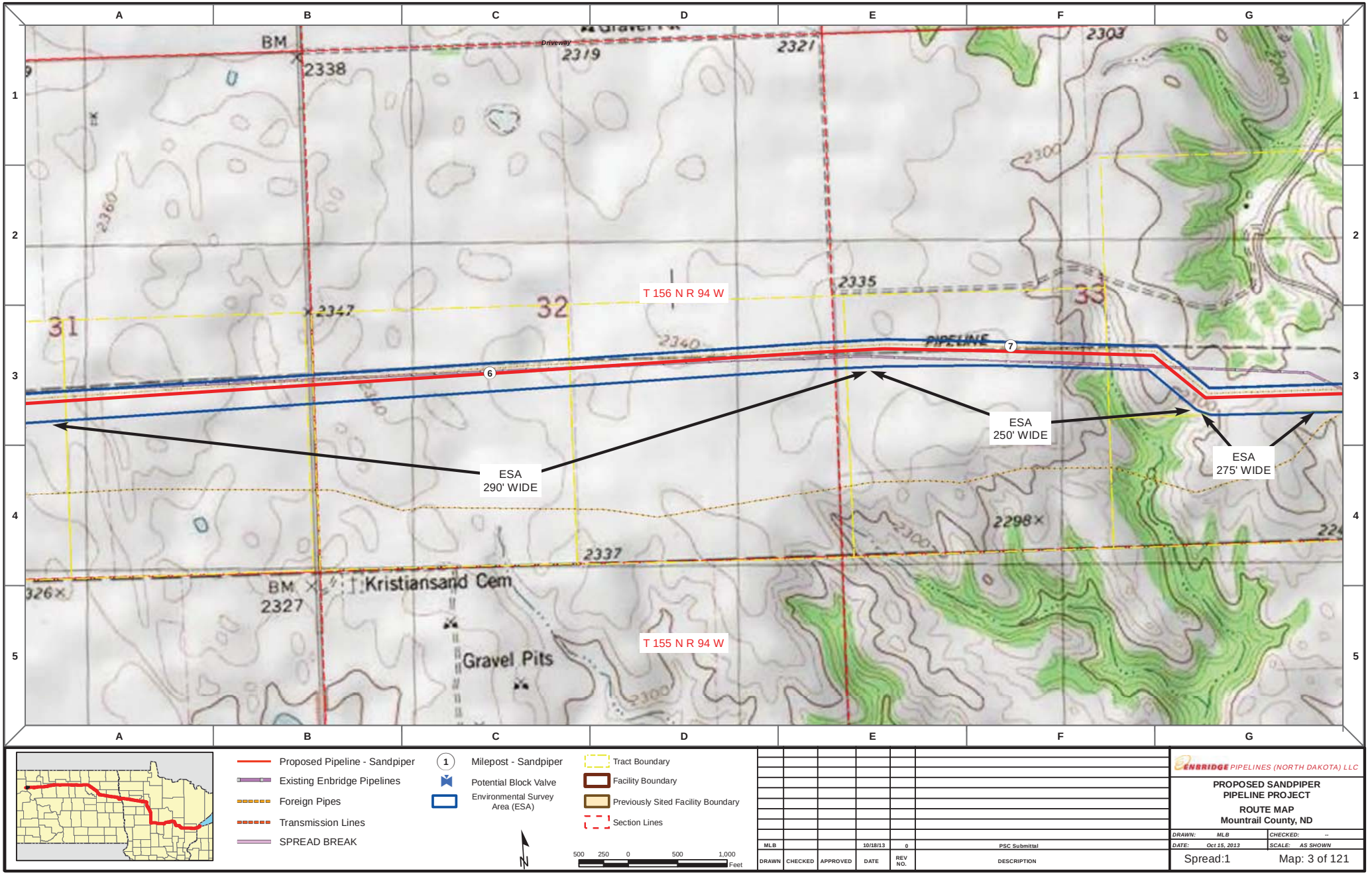
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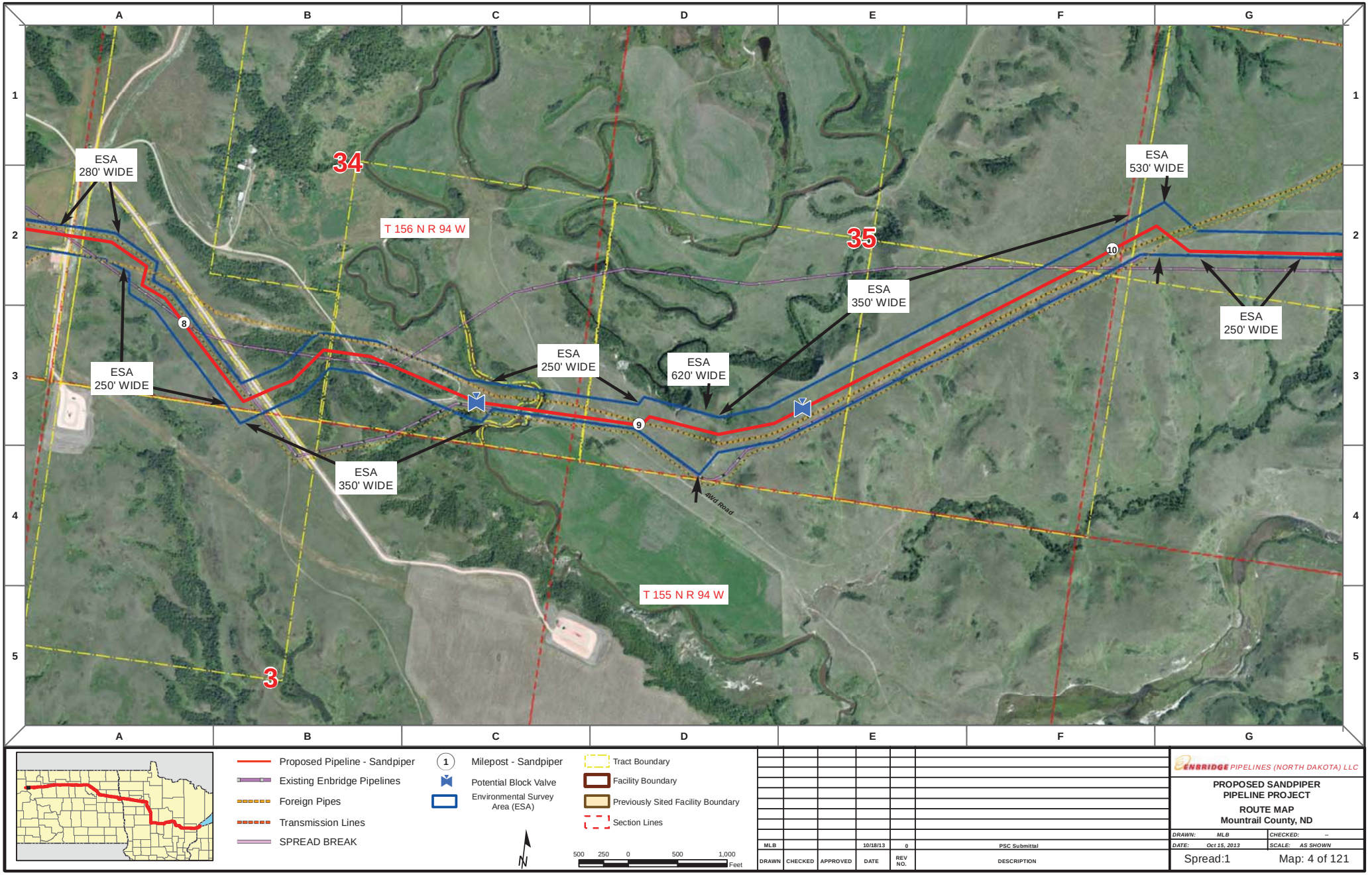
PROPOSED SANDPIPER PIPELINE PROJECT

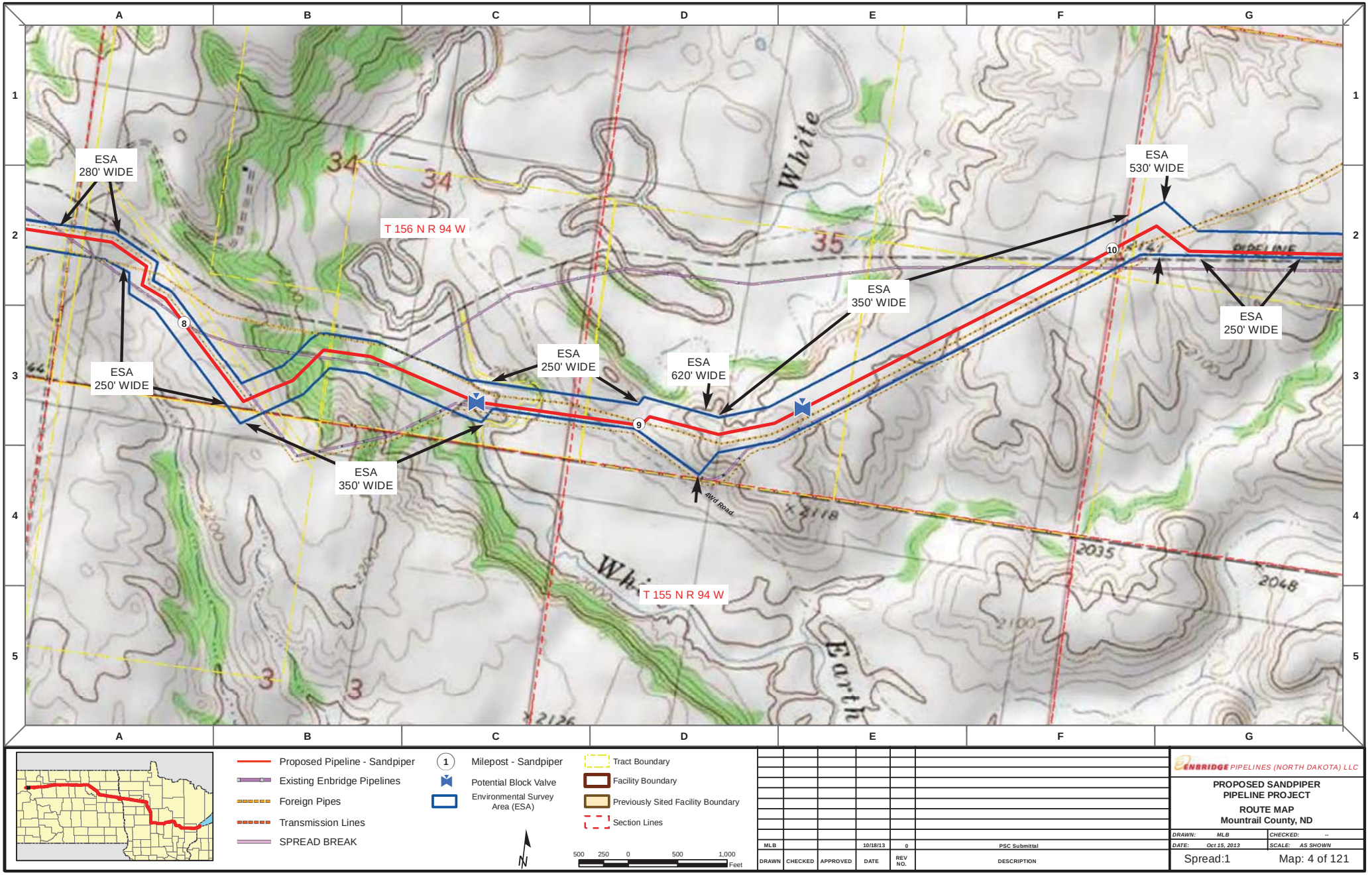
ROUTE MAP
Mountrail County, ND

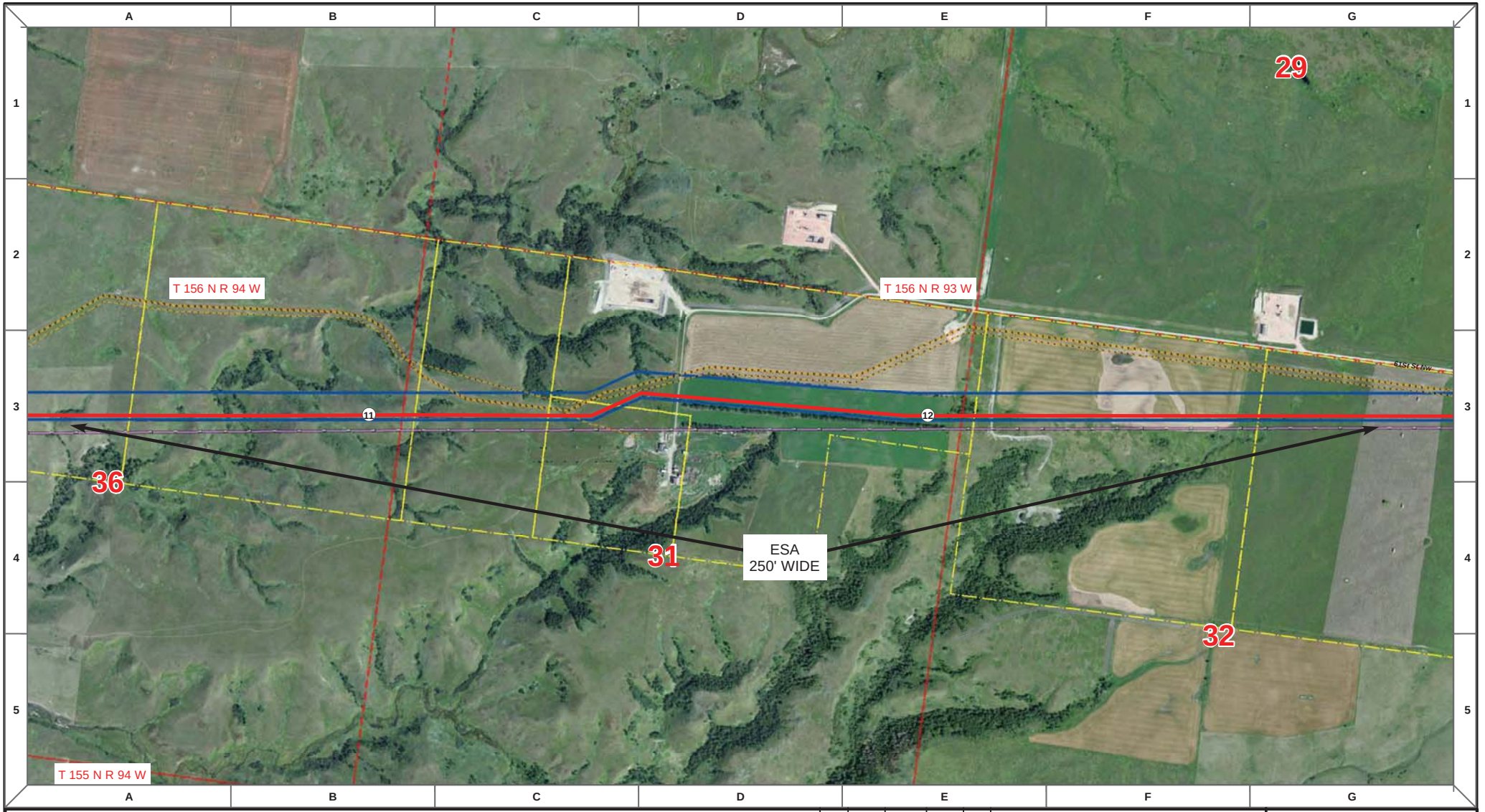
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DATE: Oct 15, 2013 SCALE: AS SHOWN

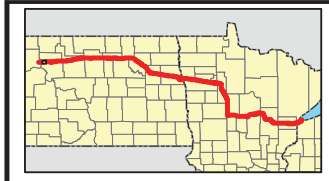
Spread:1 Map: 3 of 121


A
B
C
D
E
F
G
1
2
3
4
5
BM
2338
Driveway
2319
2321
2303
2300
2360
2347
31
32
33
2335
2340
T 156 N R 94 W
PIPELINE
6
7
ESA
290' WIDE
ESA
250' WIDE
ESA
275' WIDE
2298
2337
BM
2327
Kristiansand Cem
Gravel Pits
T 155 N R 94 W
Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK
Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)
Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines
N
500 250 0 500 1,000
Feet
MLB
10/18/13
0
PSC Submittal
DRAWN
CHECKED
APPROVED
DATE
REV NO.
DESCRIPTION
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC
PROPOSED SANDPIPER PIPELINE PROJECT
ROUTE MAP
Mountrail County, ND
DRAWN: MLB
CHECKED: --
DATE: Oct 15, 2013
SCALE: AS SHOWN
Spread:1
Map: 3 of 121


A
B
C
D
E
F
G
1
2
3
4
5
34
35
3
T 156 N R 94 W
T 155 N R 94 W
ESA
280' WIDE
ESA
250' WIDE
ESA
350' WIDE
ESA
250' WIDE
ESA
620' WIDE
ESA
350' WIDE
ESA
530' WIDE
ESA
250' WIDE
8
9
10
AWd Road
Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK
1
Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)
Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines
N
500 250 0 500 1,000
Feet
MLB
10/18/13
0
PSC Submittal
DRAWN
CHECKED
APPROVED
DATE
REV NO.
DESCRIPTION
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC
PROPOSED SANDPIPER PIPELINE PROJECT
ROUTE MAP
Mountrail County, ND
DRAWN: MLB
CHECKED: --
DATE: Oct 15, 2013
SCALE: AS SHOWN
Spread:1
Map: 4 of 121


ESA
280' WIDE
ESA
250' WIDE
ESA
350' WIDE
ESA
250' WIDE
ESA
620' WIDE
ESA
350' WIDE
ESA
530' WIDE
ESA
250' WIDE
T 156 N R 94 W
T 155 N R 94 W
White
Earth
AWd Road
PIPELINE
Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK
Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)
Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines
500 250 0 500 1,000
Feet
PSC Submittal
DESCRIPTION
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC
PROPOSED SANDPIPER
PIPELINE PROJECT
ROUTE MAP
Mountrail County, ND
DRAWN: MLB
CHECKED: --
DATE: Oct 15, 2013
SCALE: AS SHOWN
Spread:1
Map: 4 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

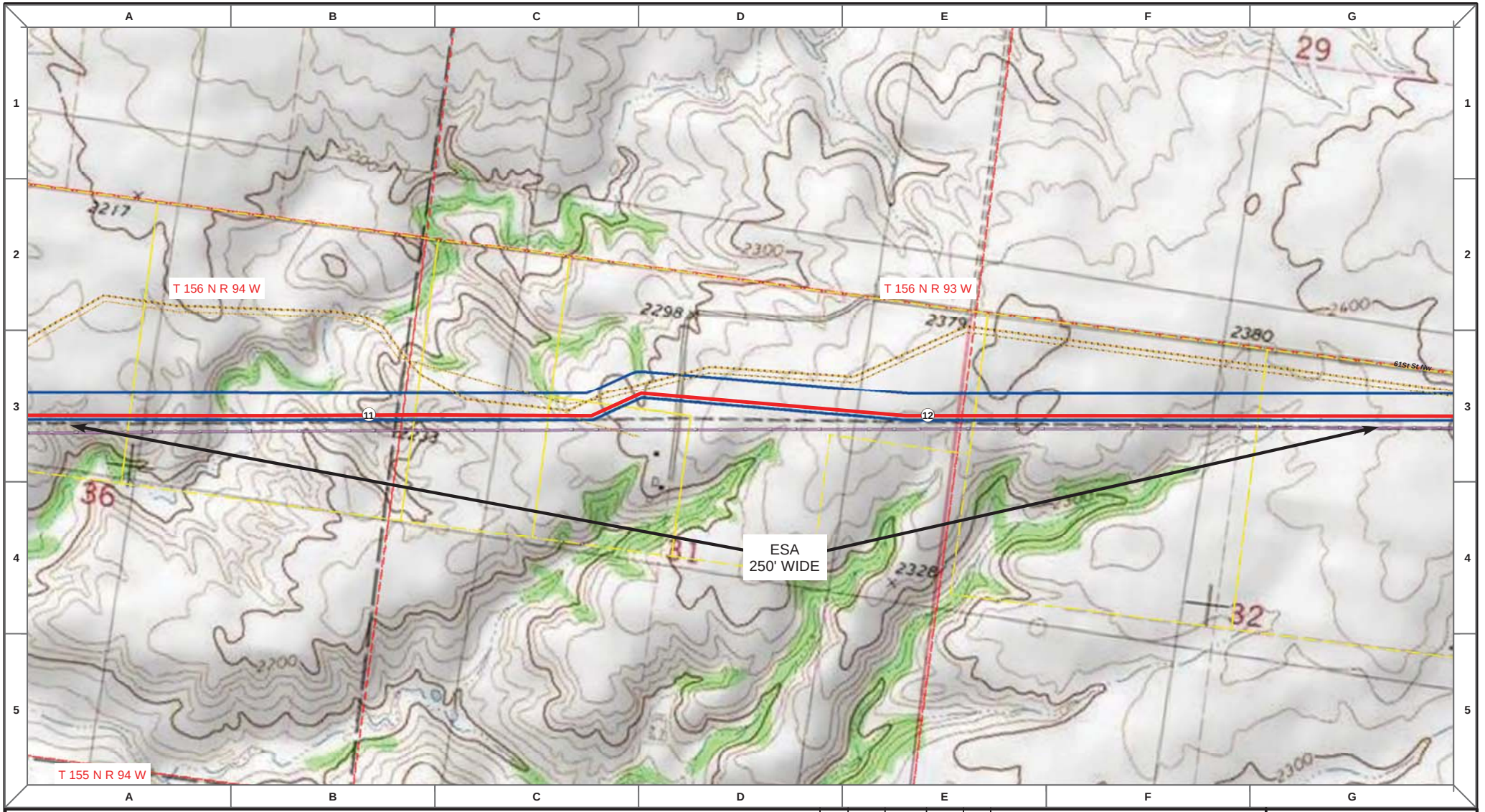
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

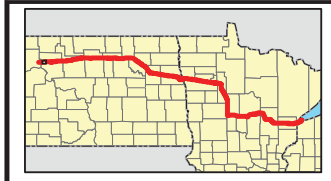
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 5 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

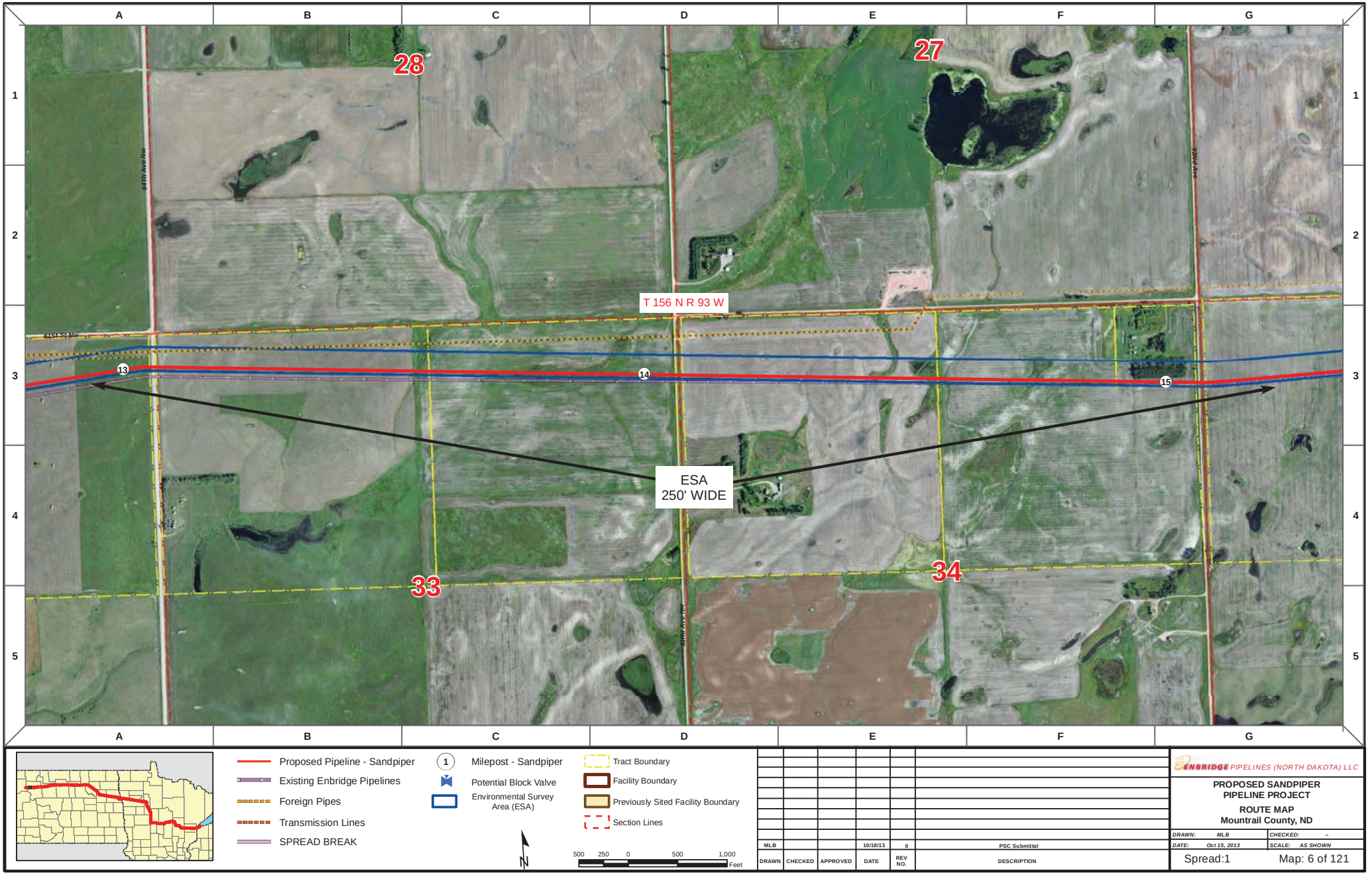
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 5 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

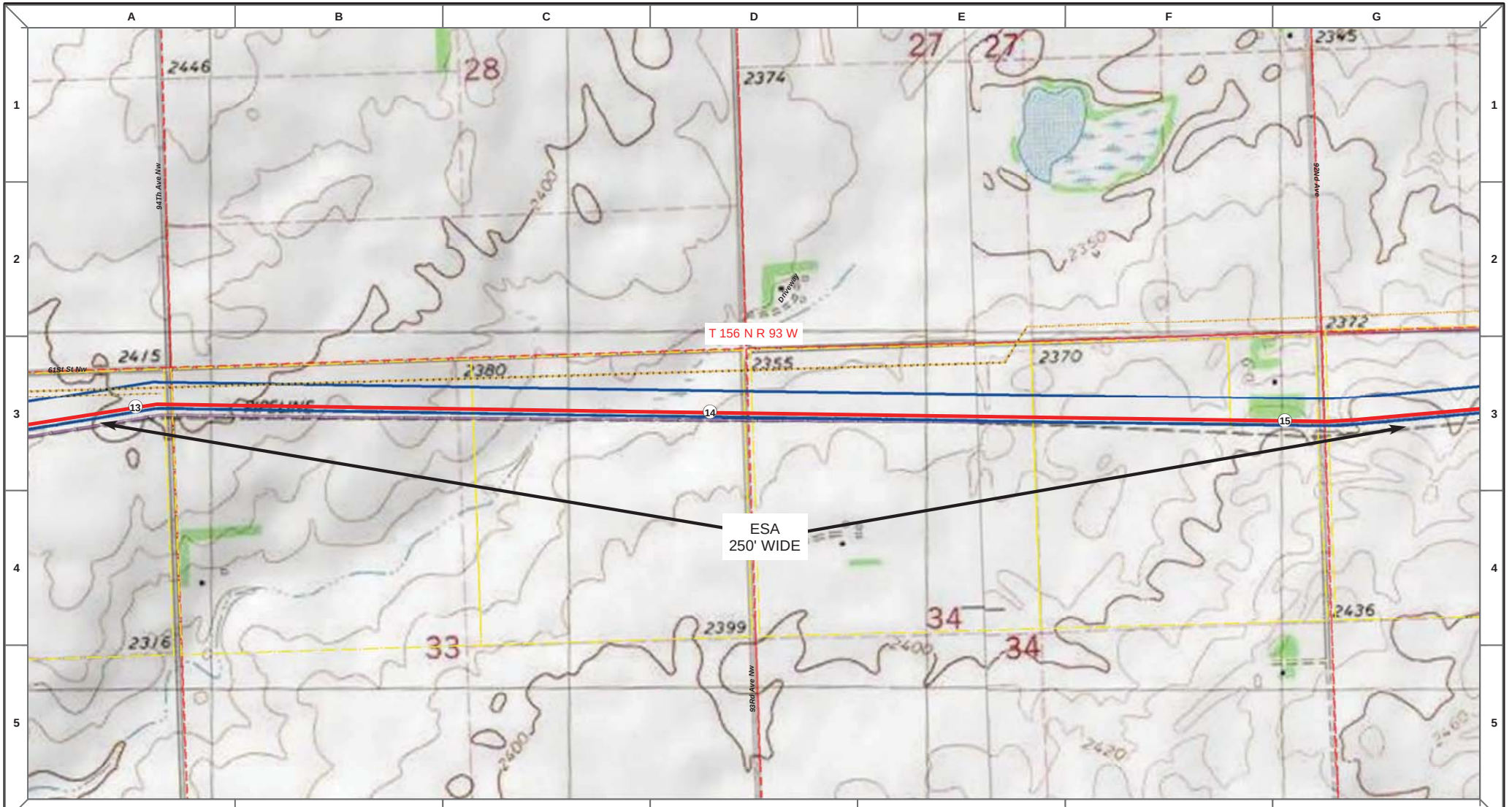
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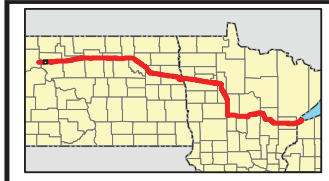
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 6 of 121





- Proposed Pipeline - Sandpiper
- Existing Enbridge Pipelines
- Foreign Pipes
- Transmission Lines
- SPREAD BREAK
- 1 Milepost - Sandpiper
- Potential Block Valve
- Environmental Survey Area (ESA)
- Tract Boundary
- Facility Boundary
- Previously Sited Facility Boundary
- Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

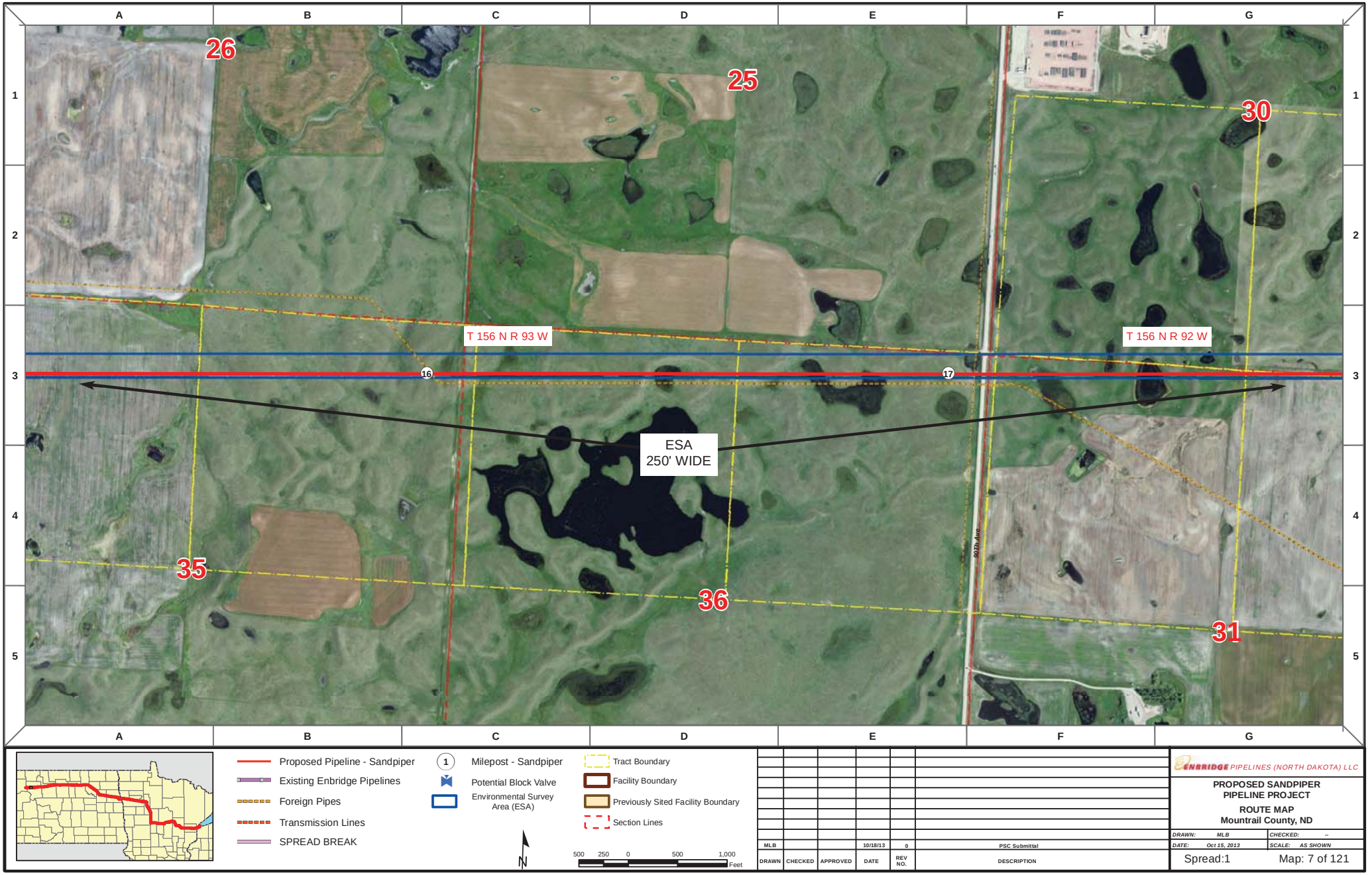
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 6 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

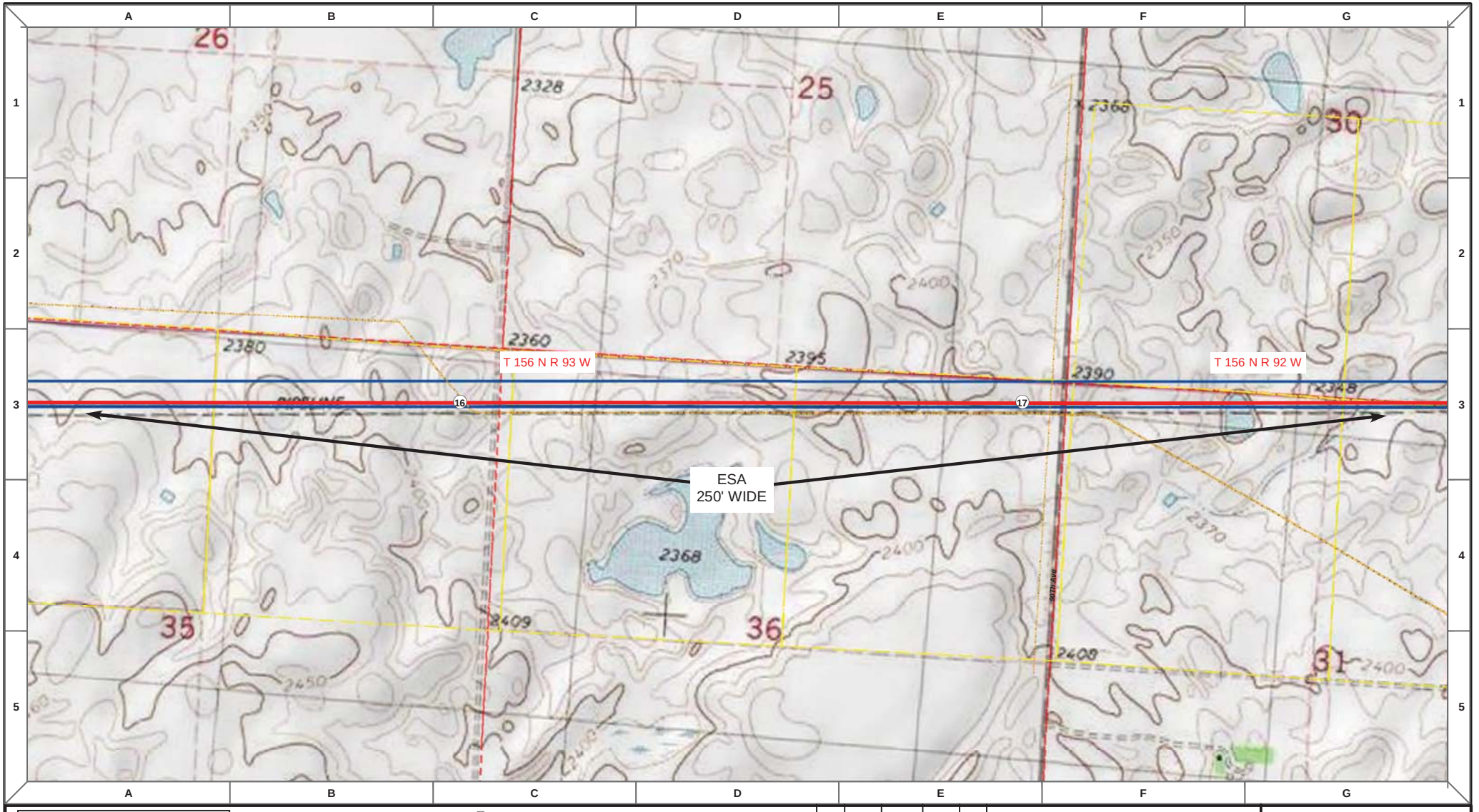
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

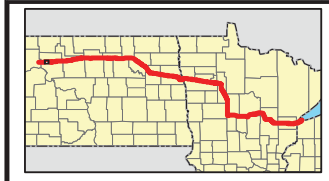
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:1 Map: 7 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

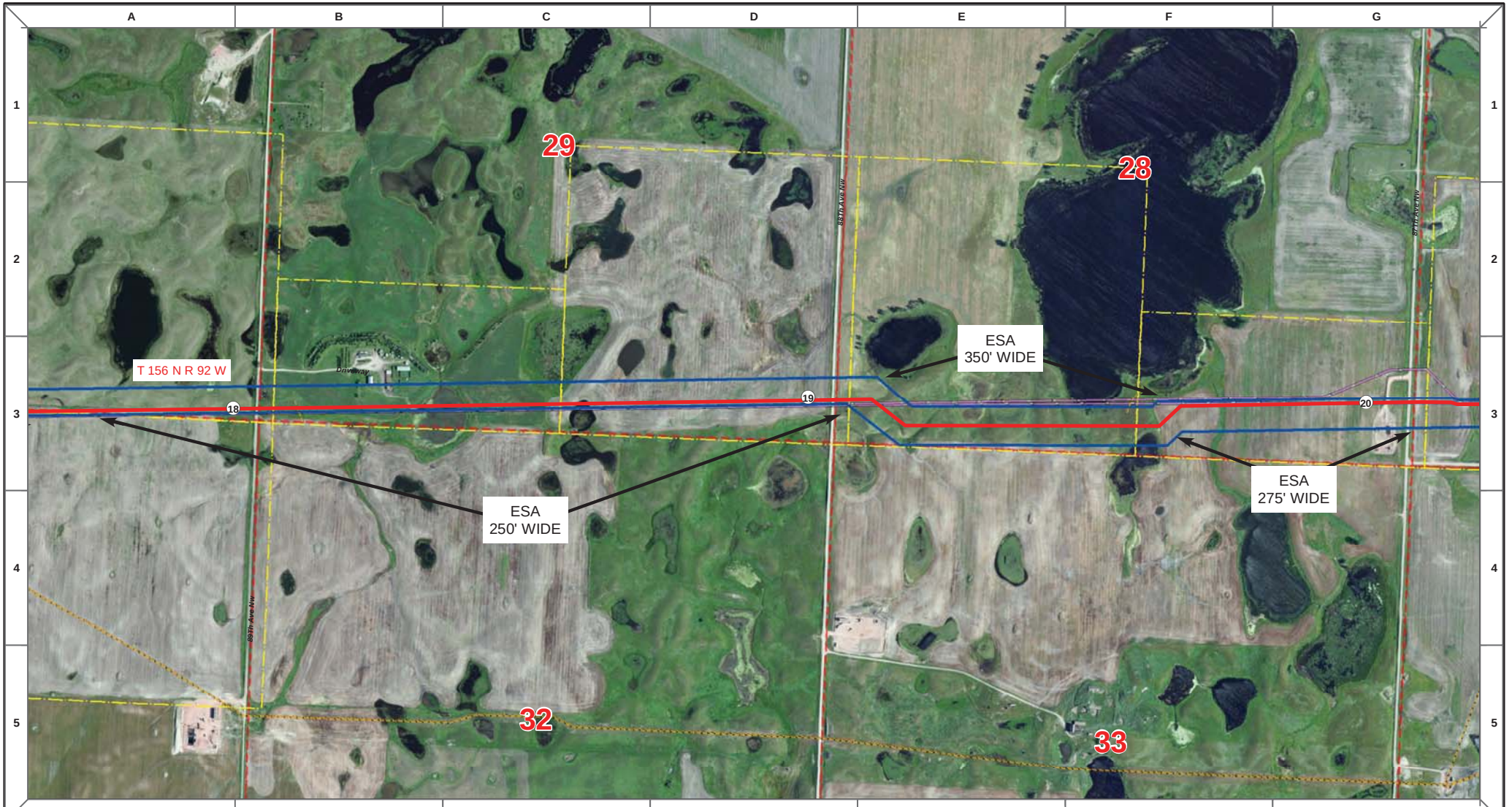
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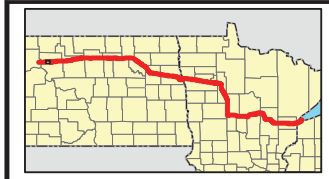
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:1 Map: 7 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

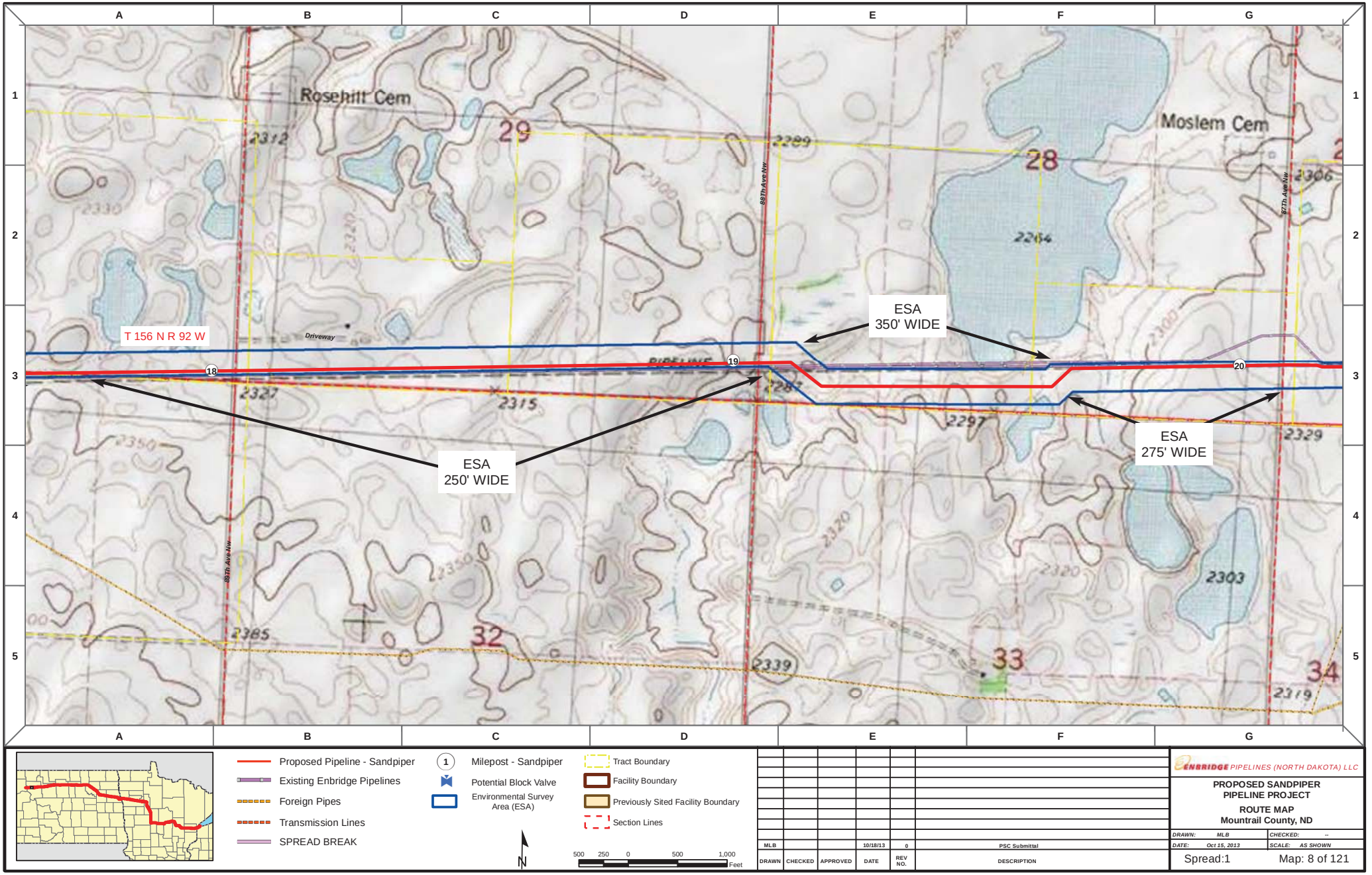
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 8 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

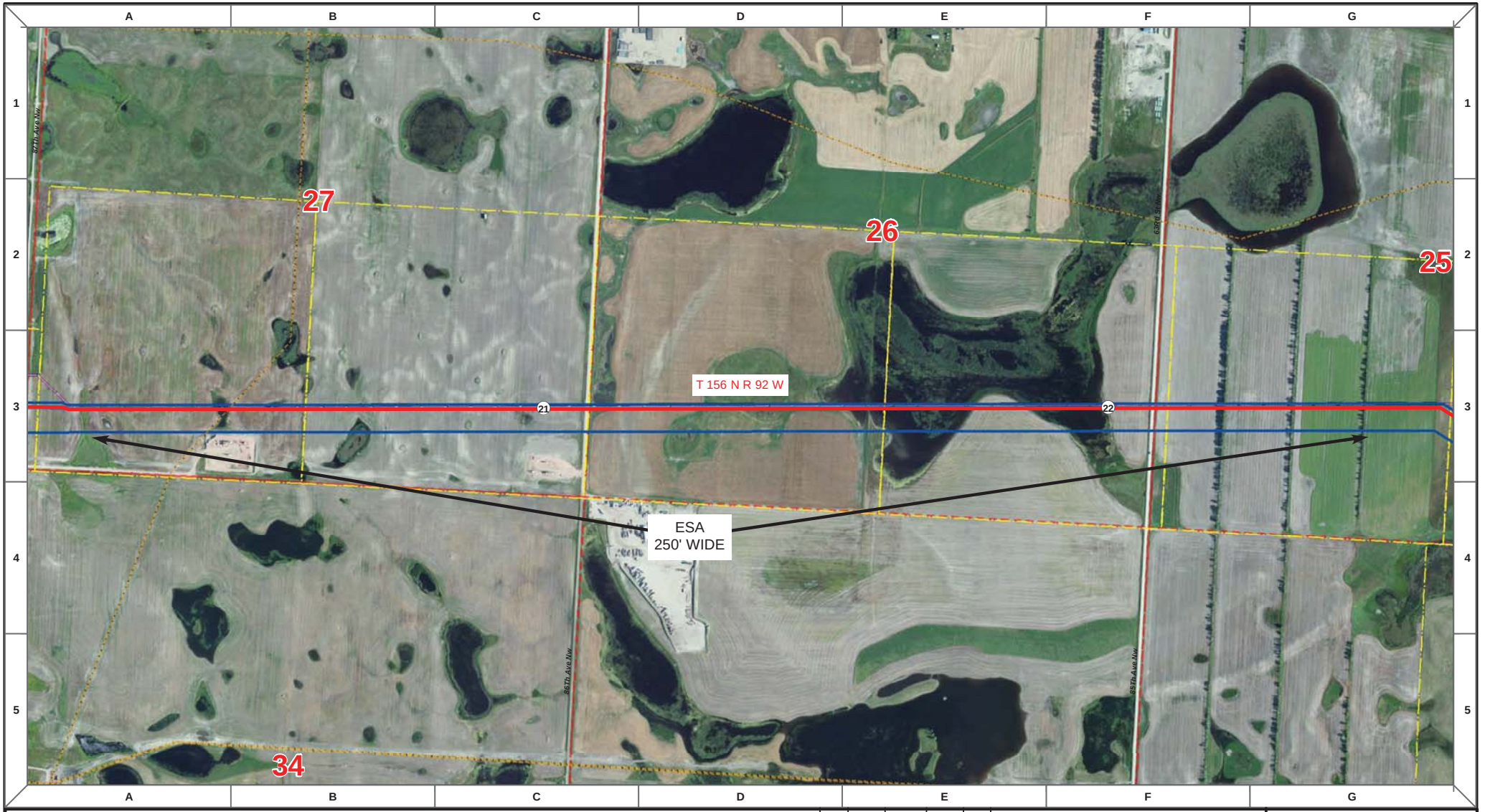
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

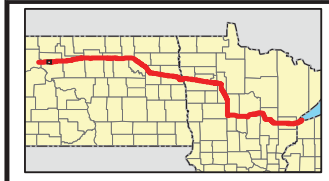
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 8 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

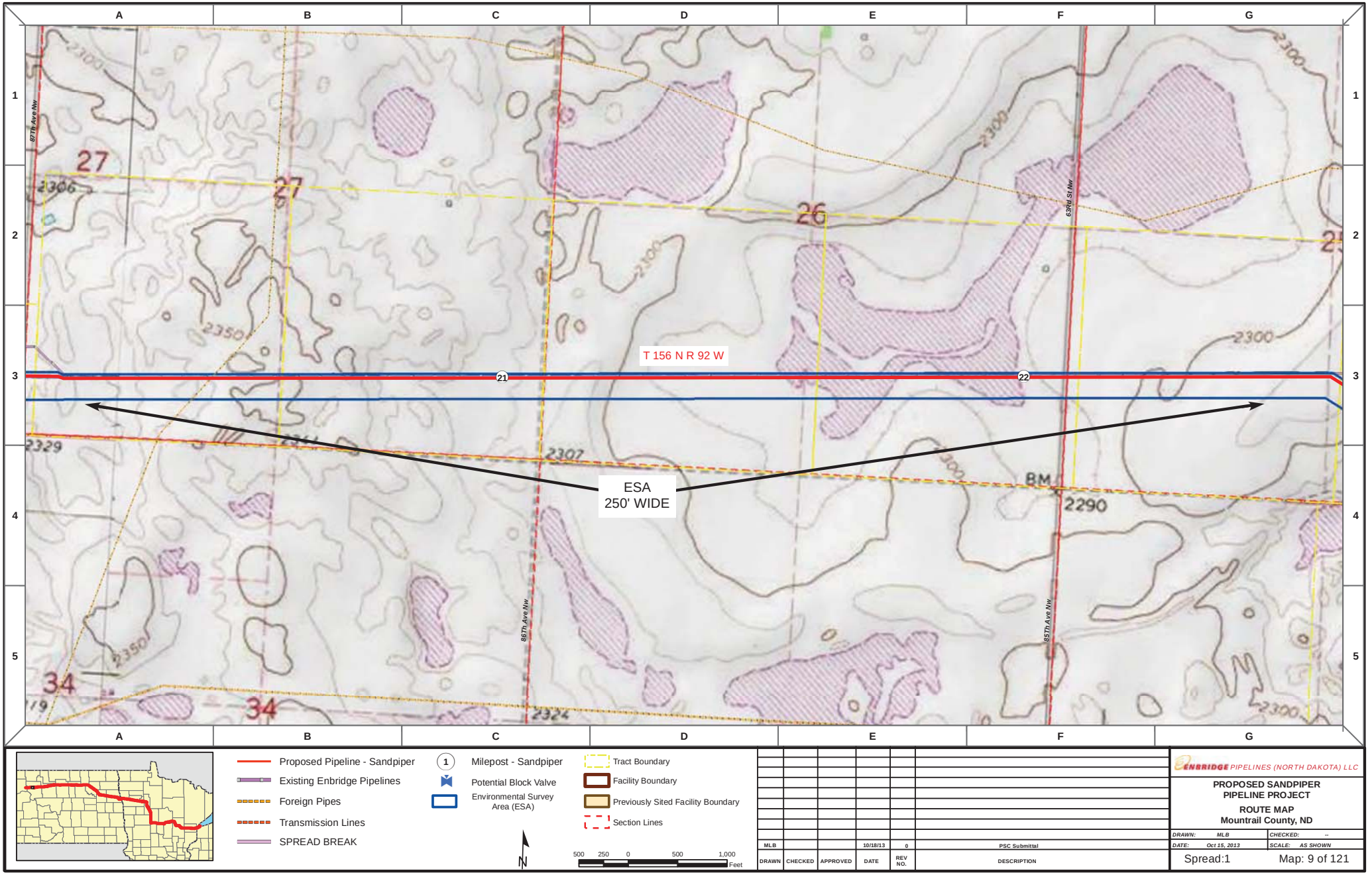
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 9 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

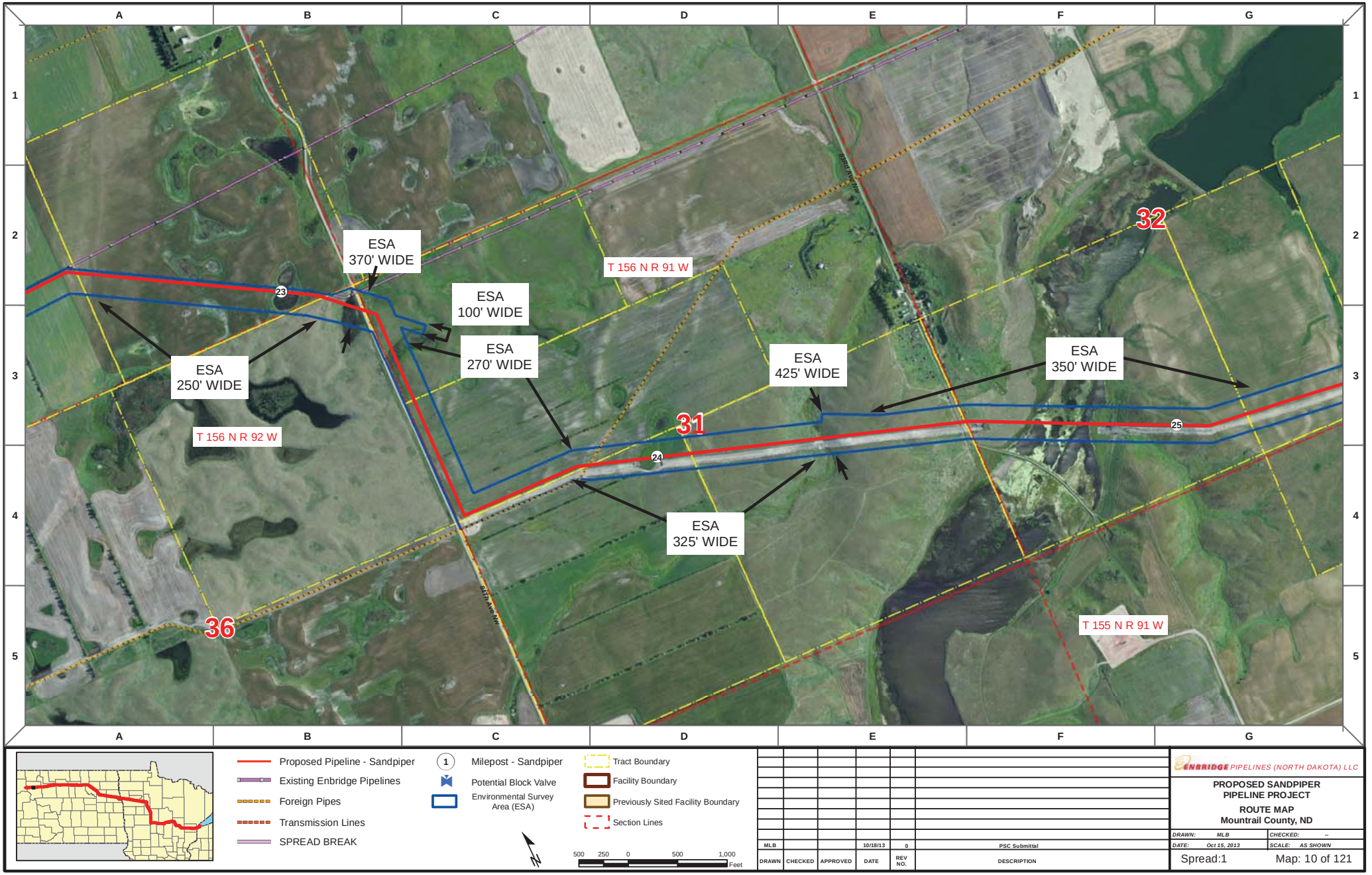
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:1 Map: 9 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

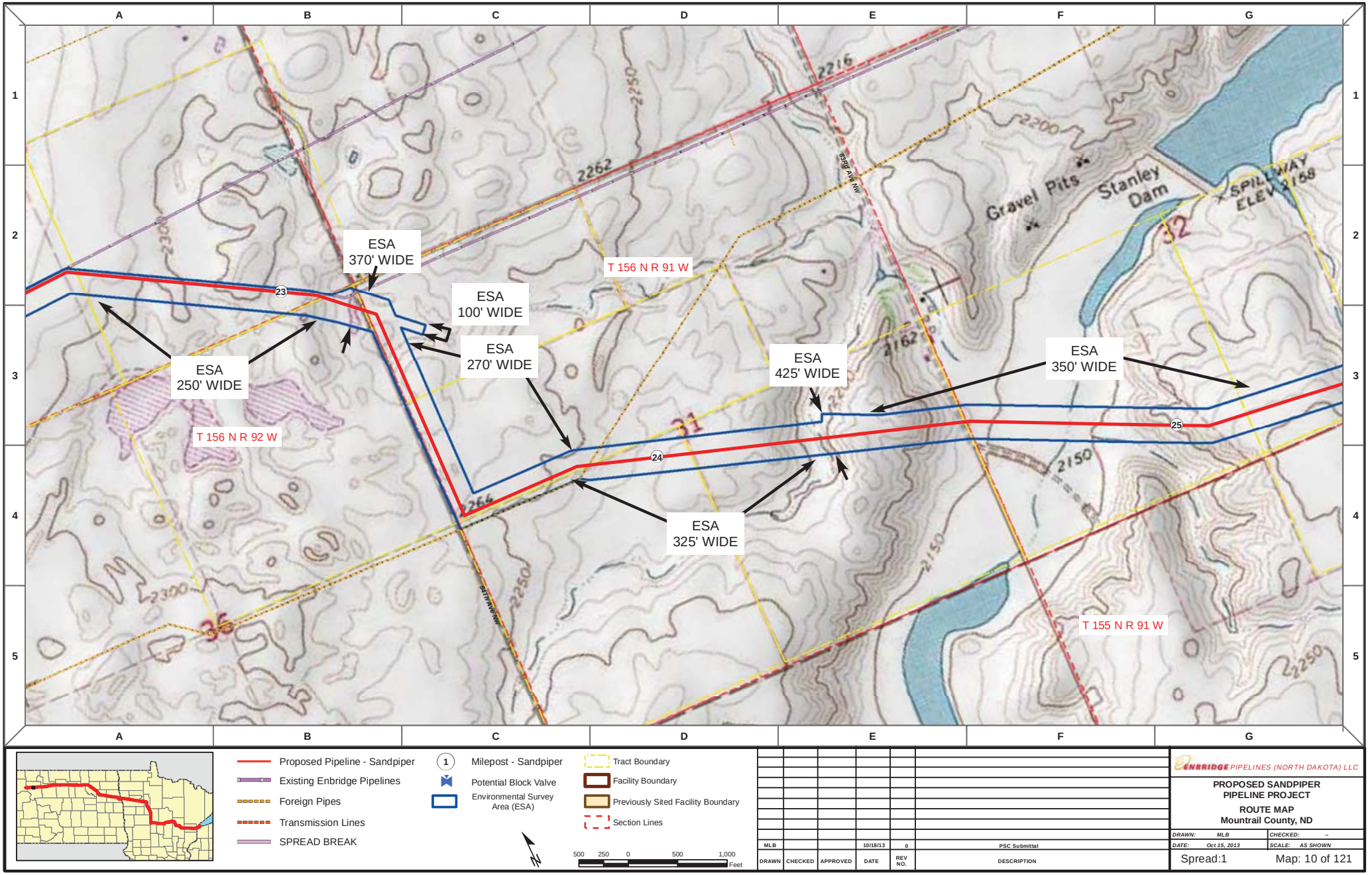
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 10 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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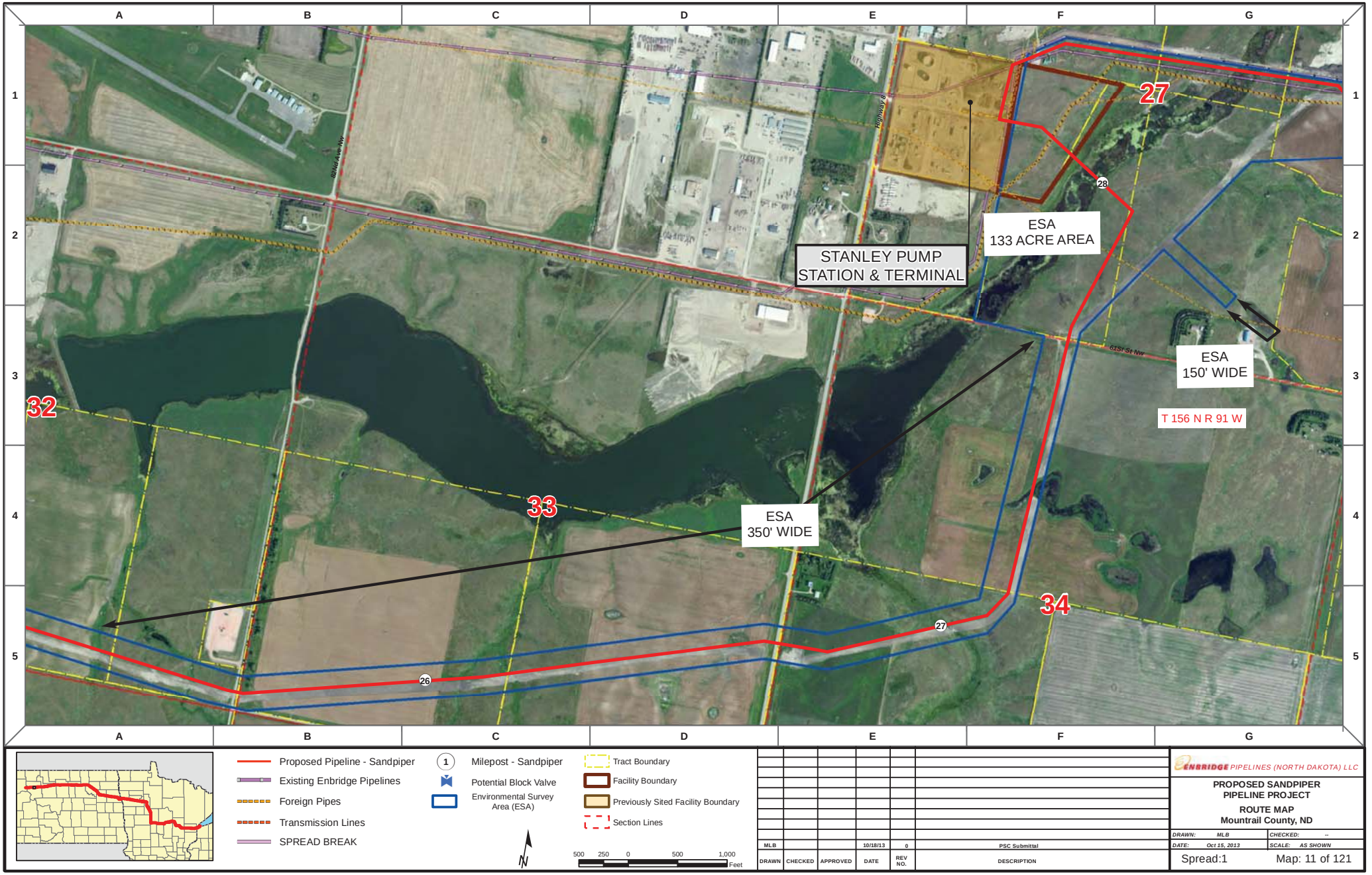
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 10 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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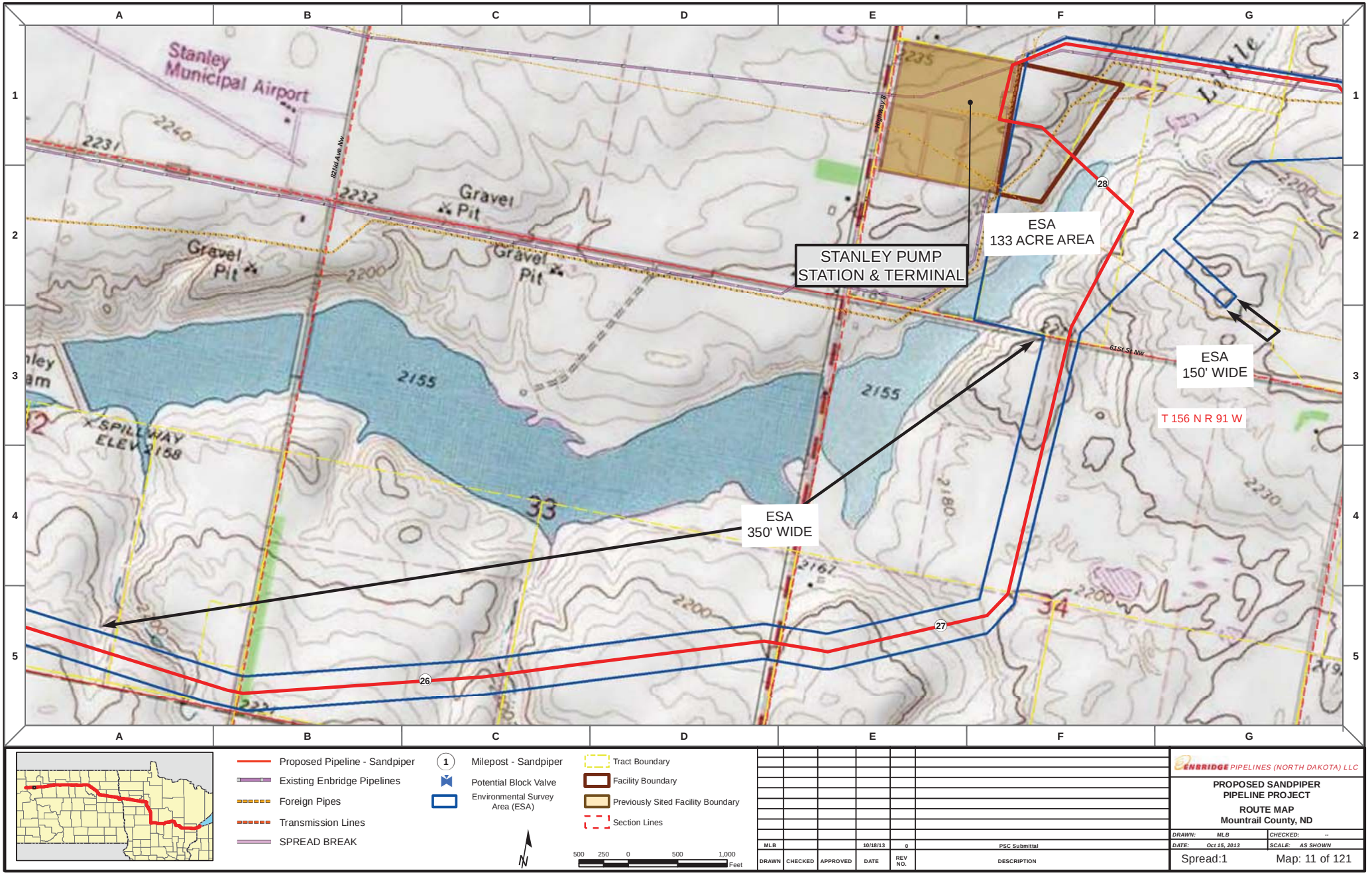
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 11 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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MLB			10/18/13	0	PSC Submittal

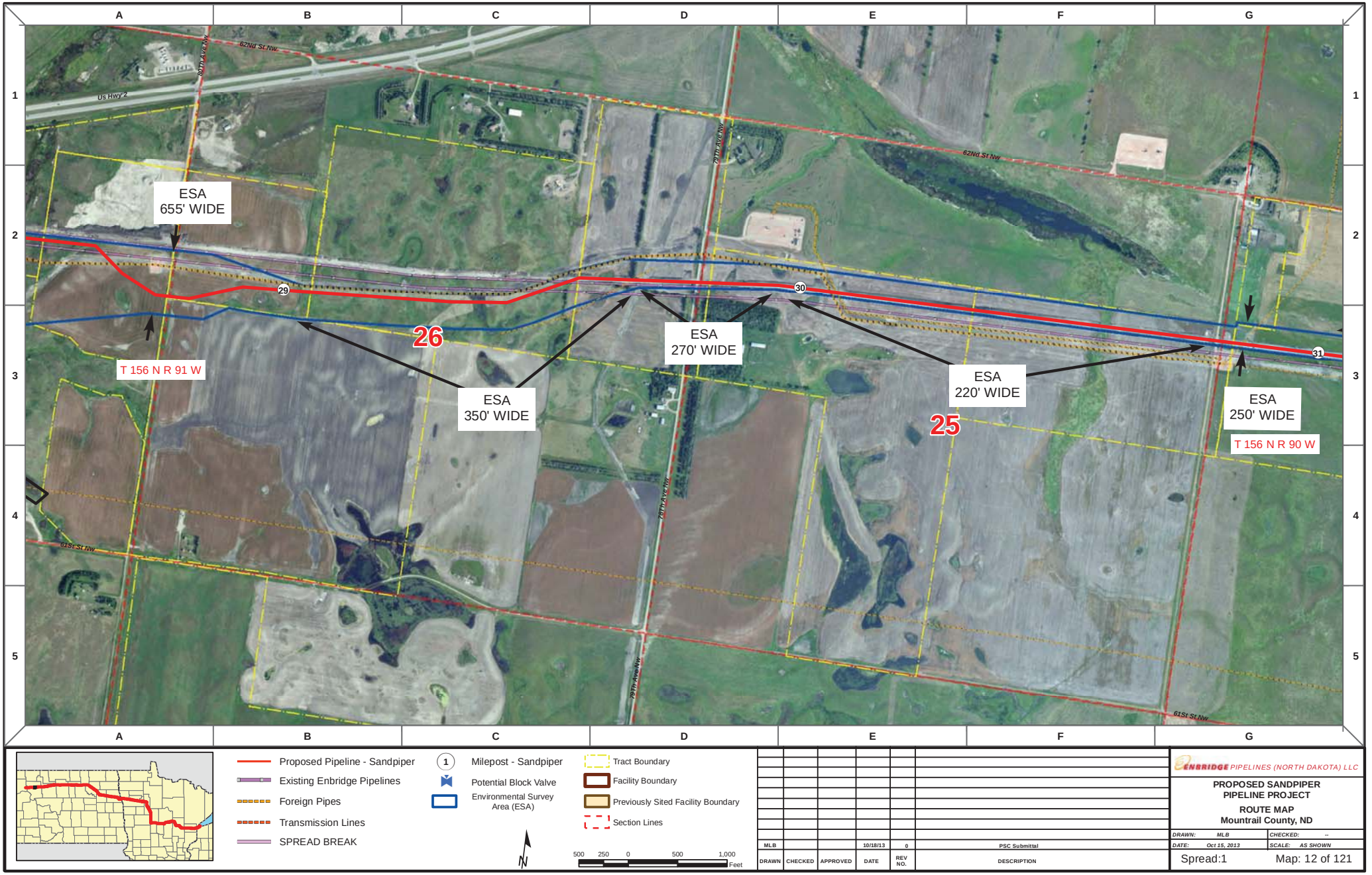
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 11 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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MLB			10/18/13	0	PSC Submittal

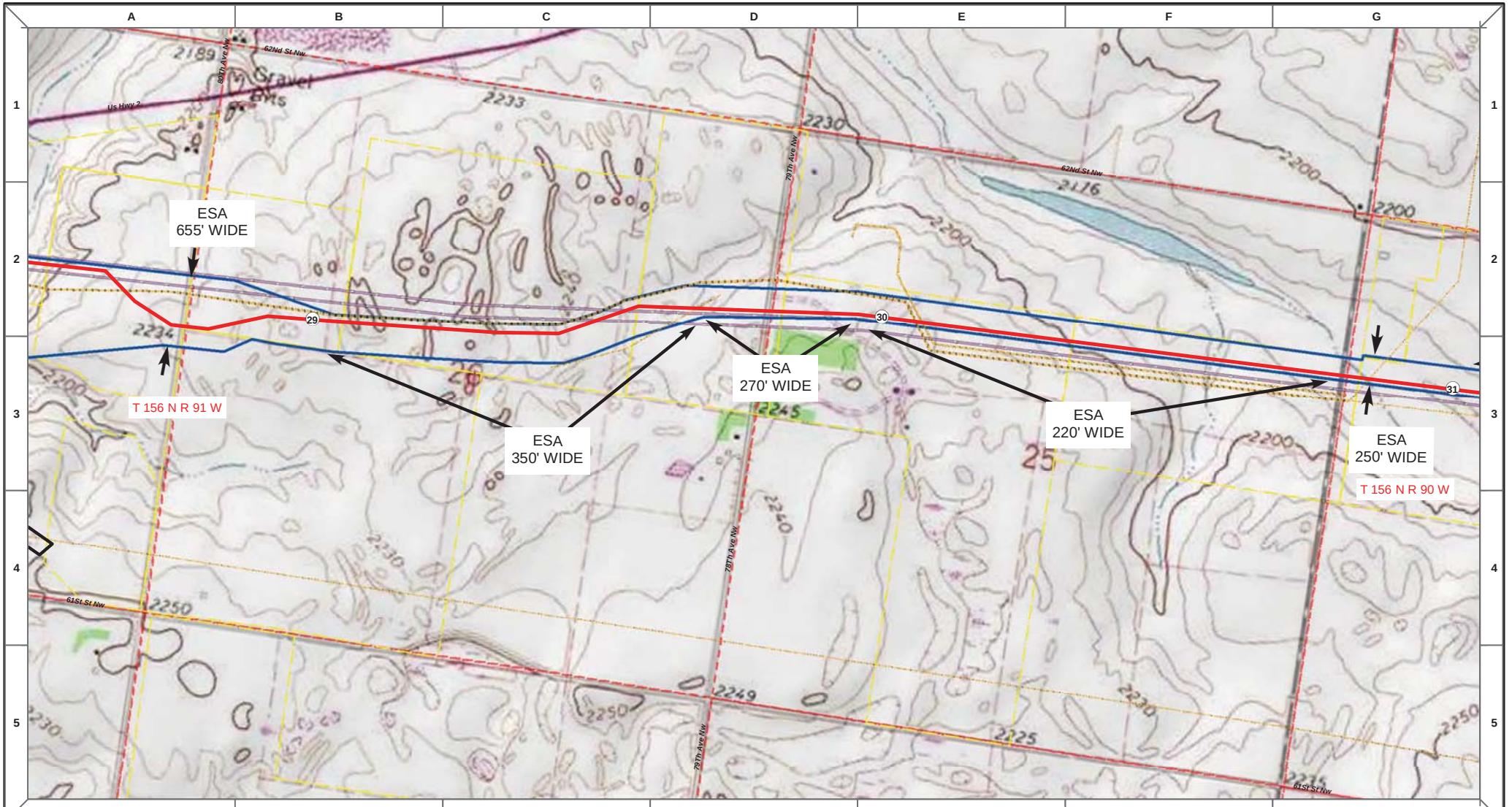
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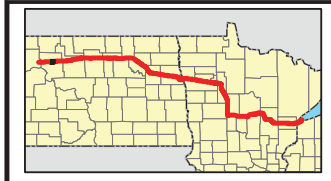
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 12 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

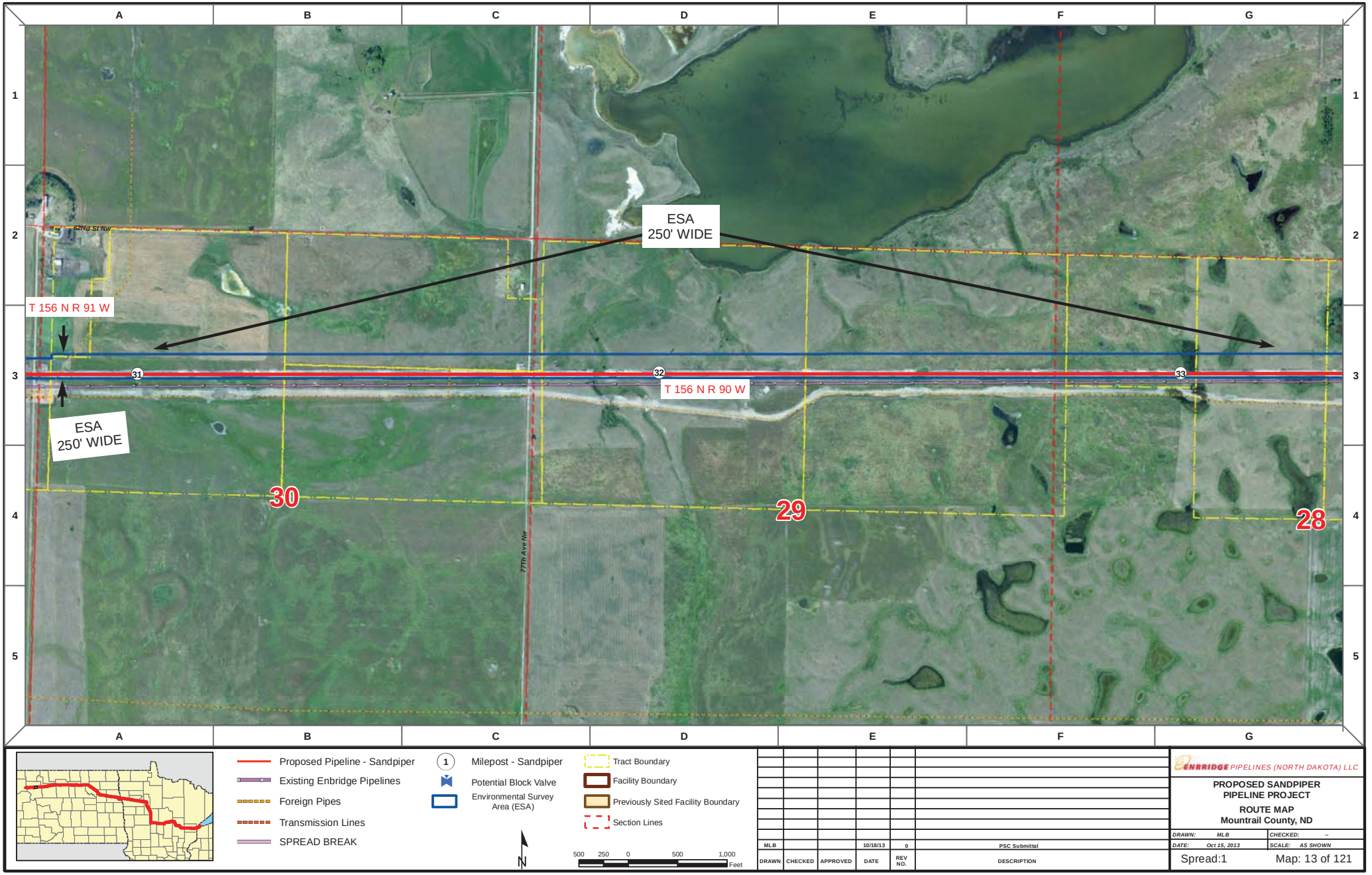
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 12 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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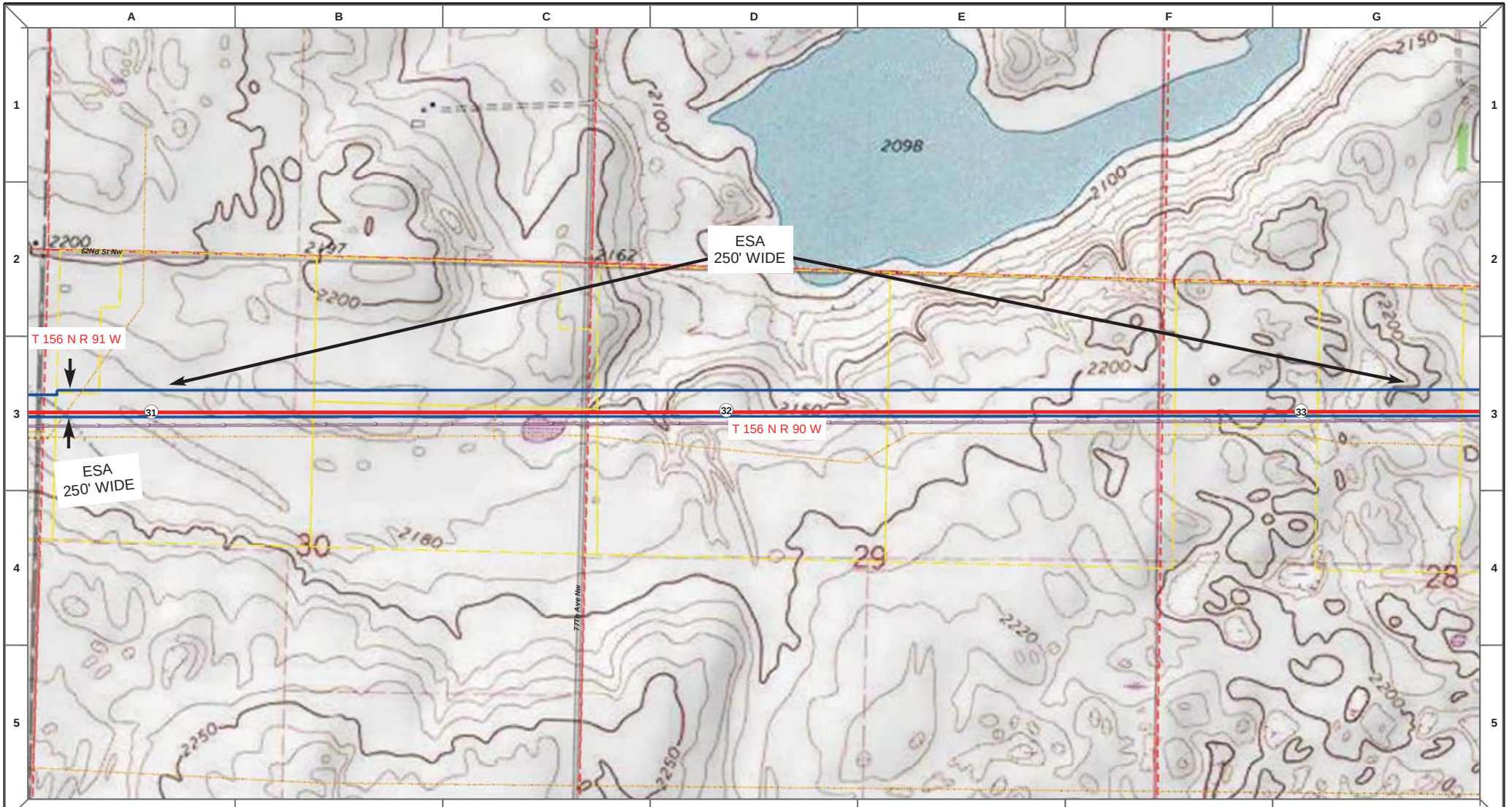
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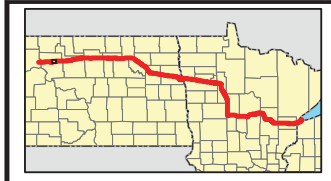
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:1 Map: 13 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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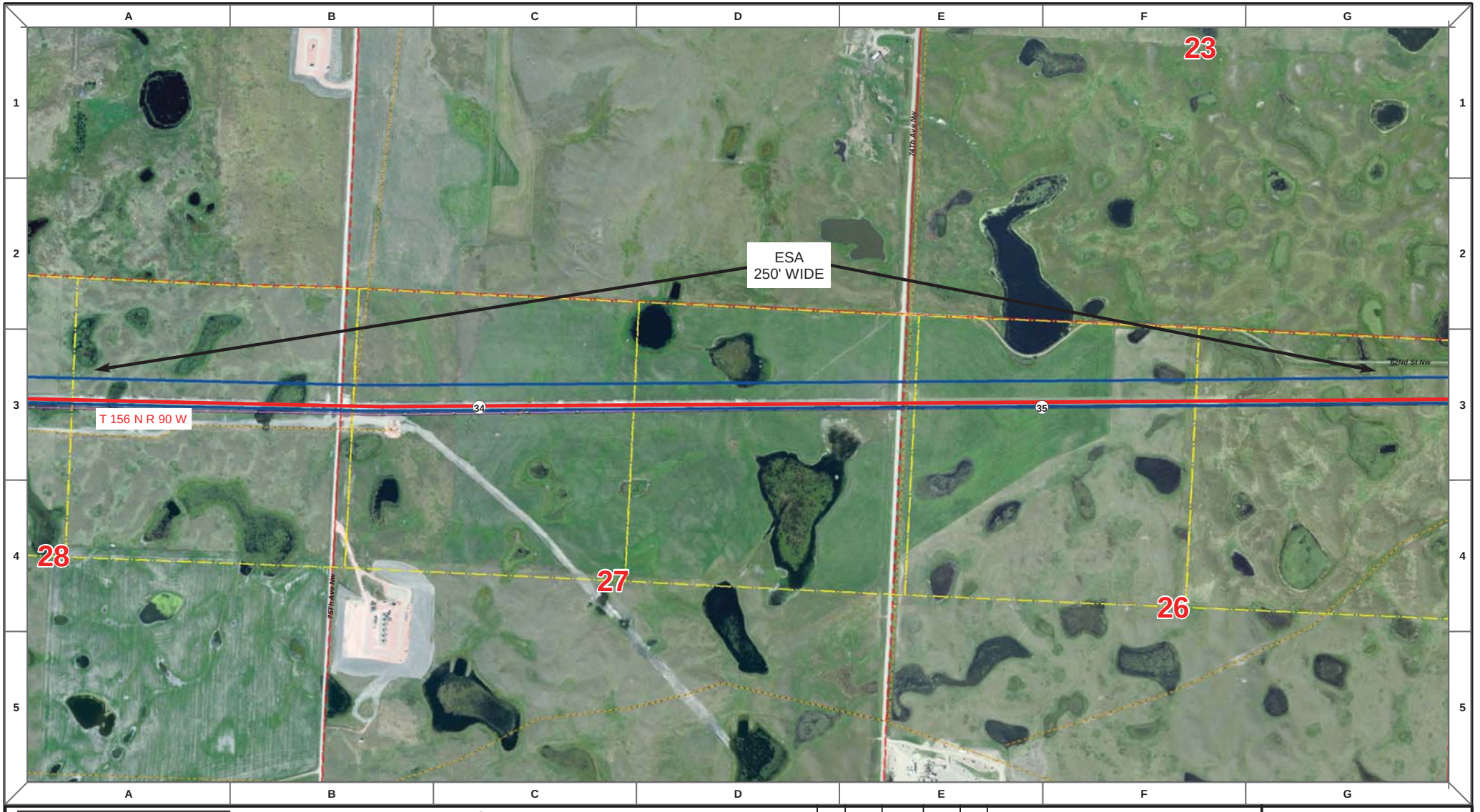
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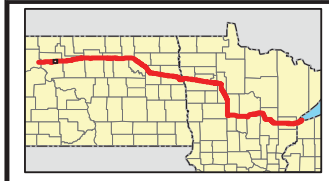
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 13 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
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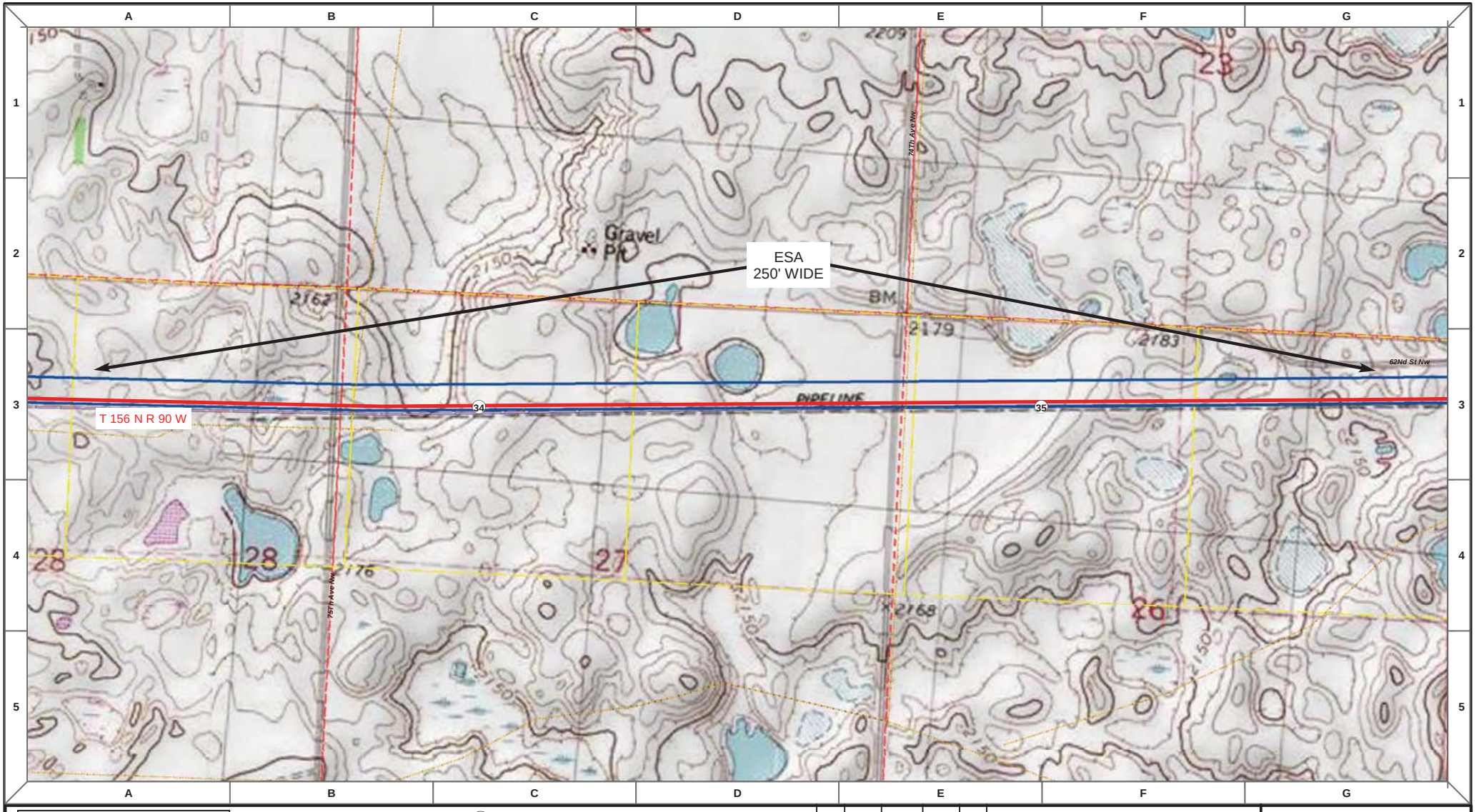
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 14 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
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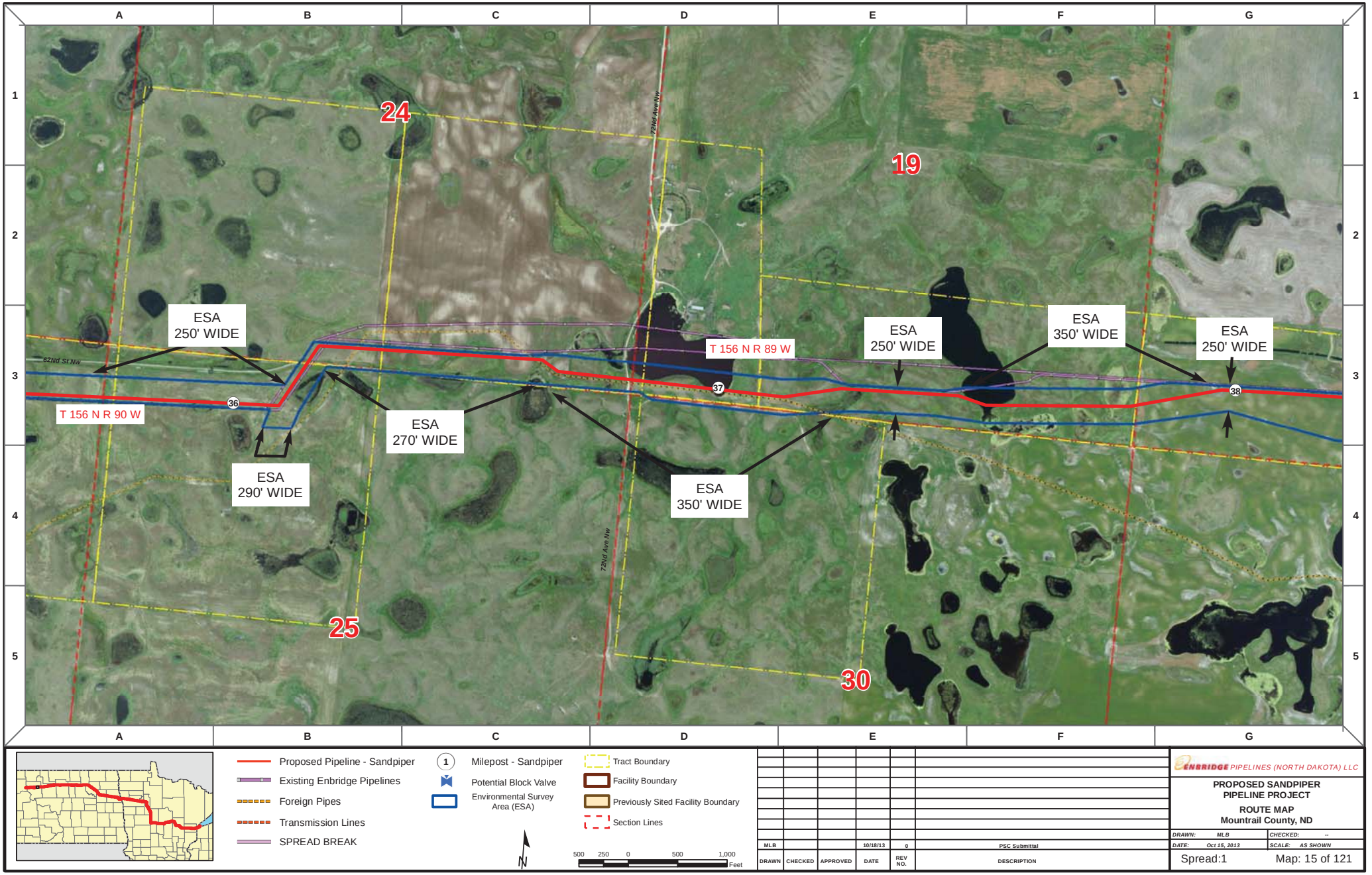
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 14 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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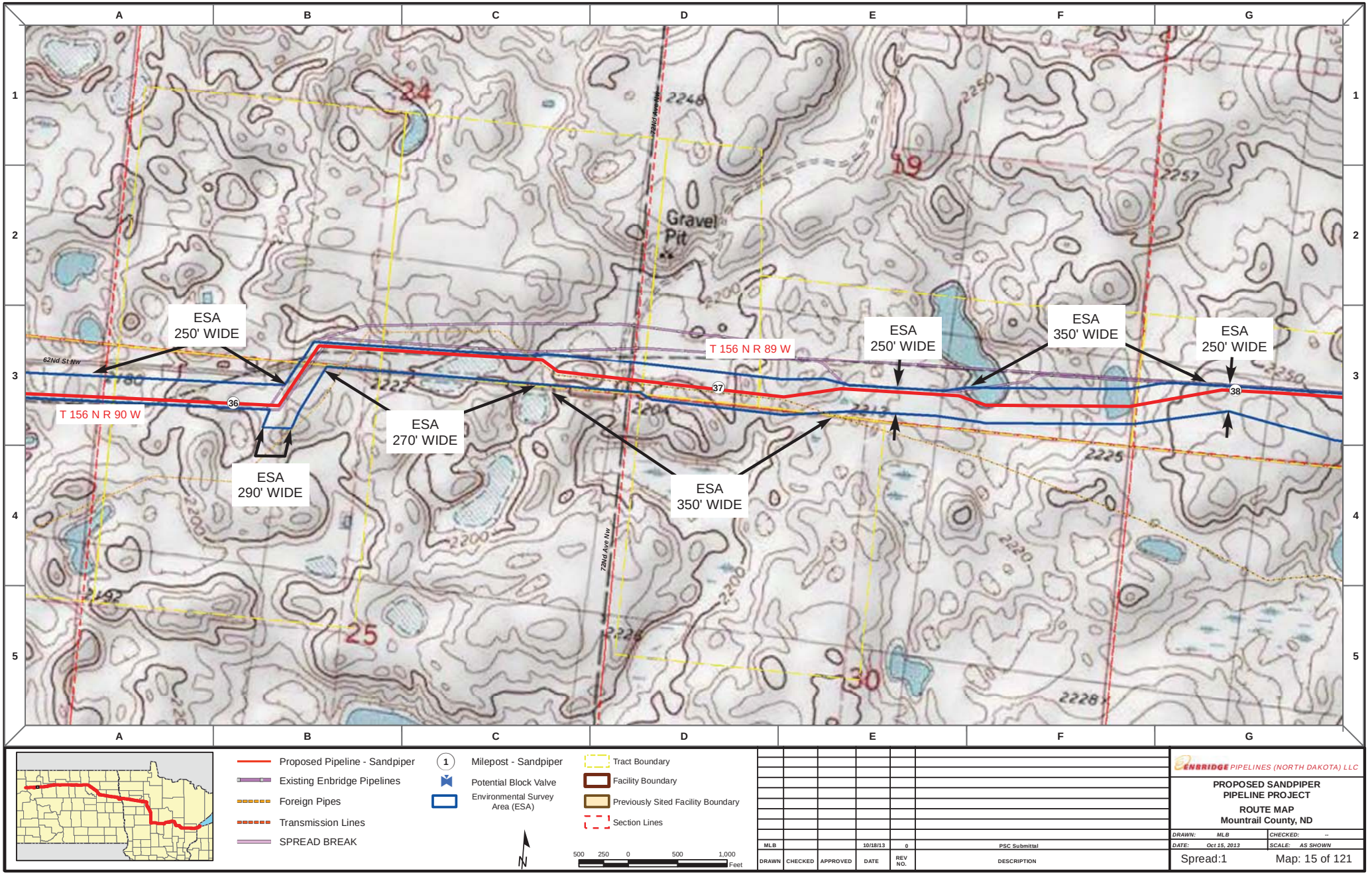
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 15 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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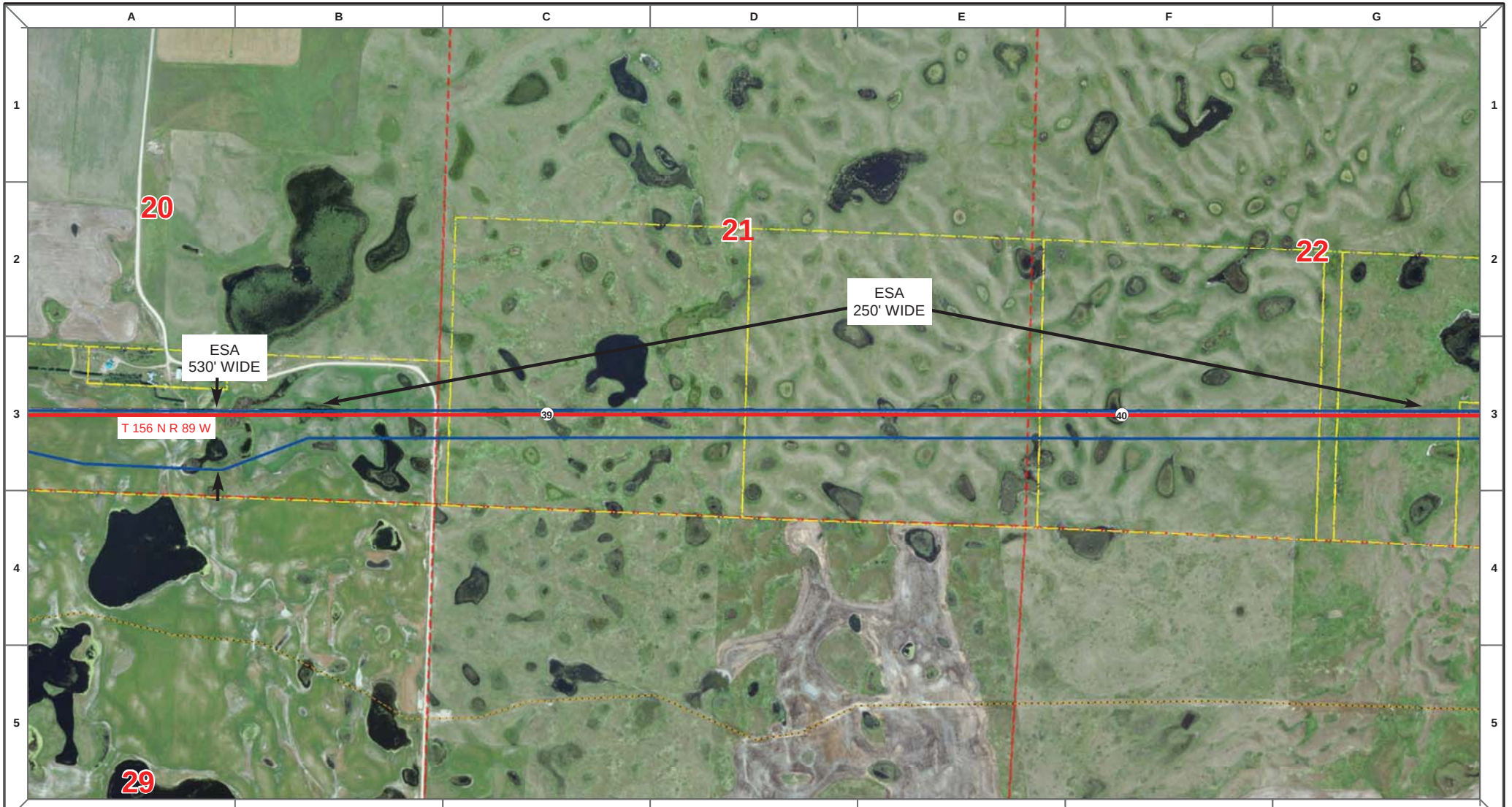
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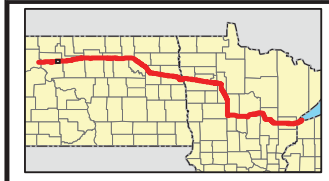
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

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Spread:1 Map: 15 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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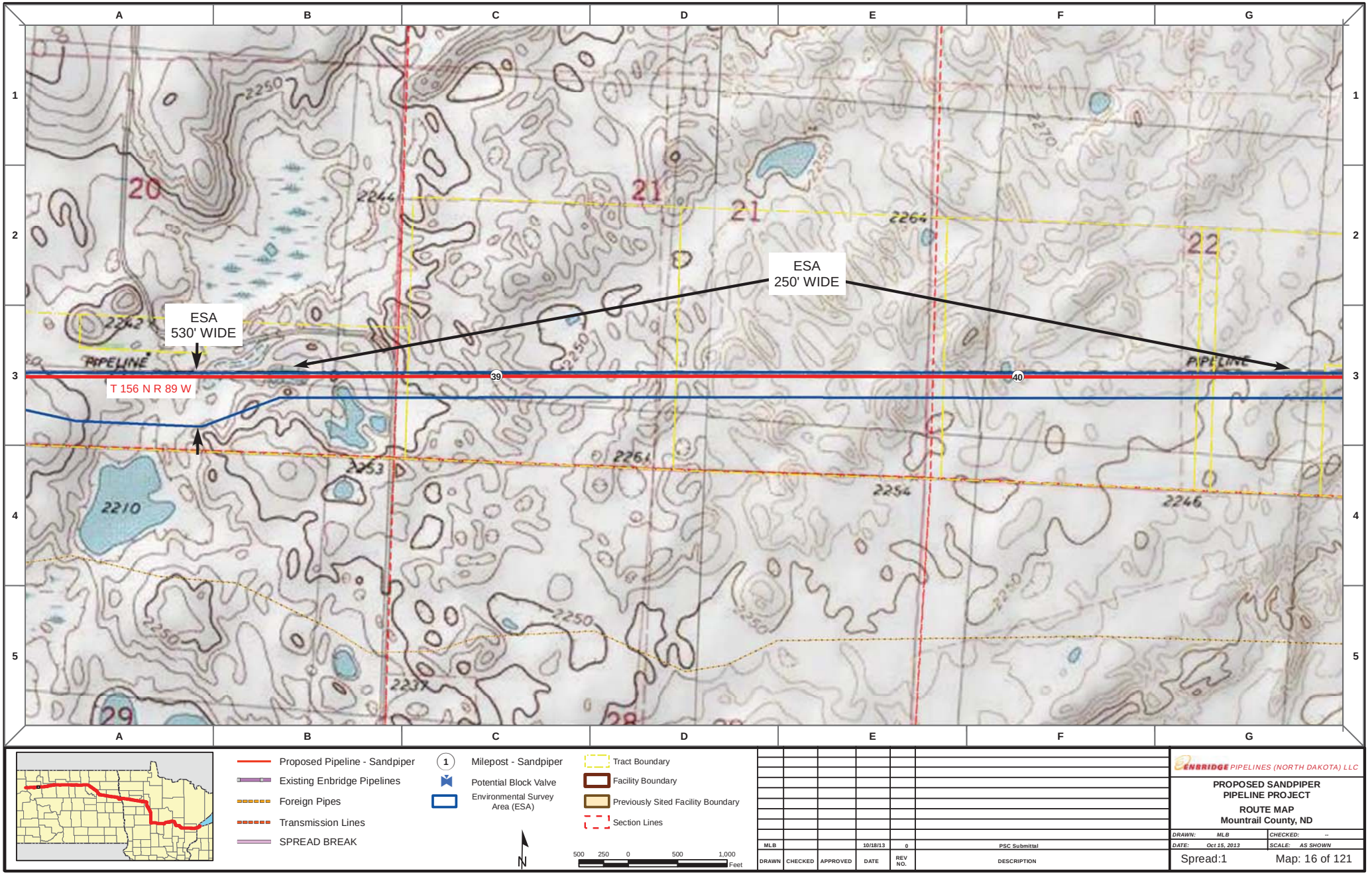
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:1 Map: 16 of 121



DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
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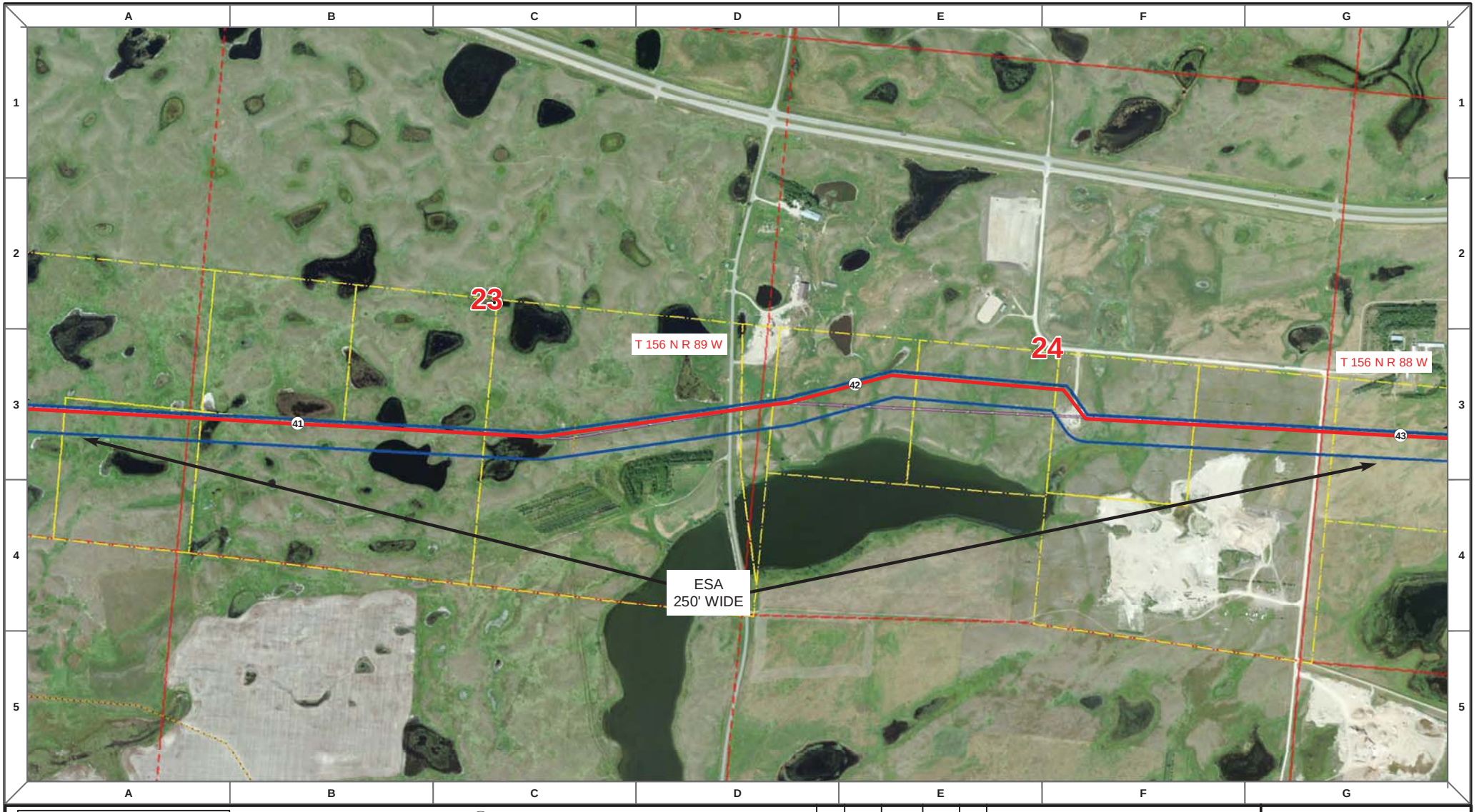
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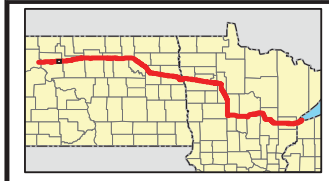
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

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Spread:1 Map: 16 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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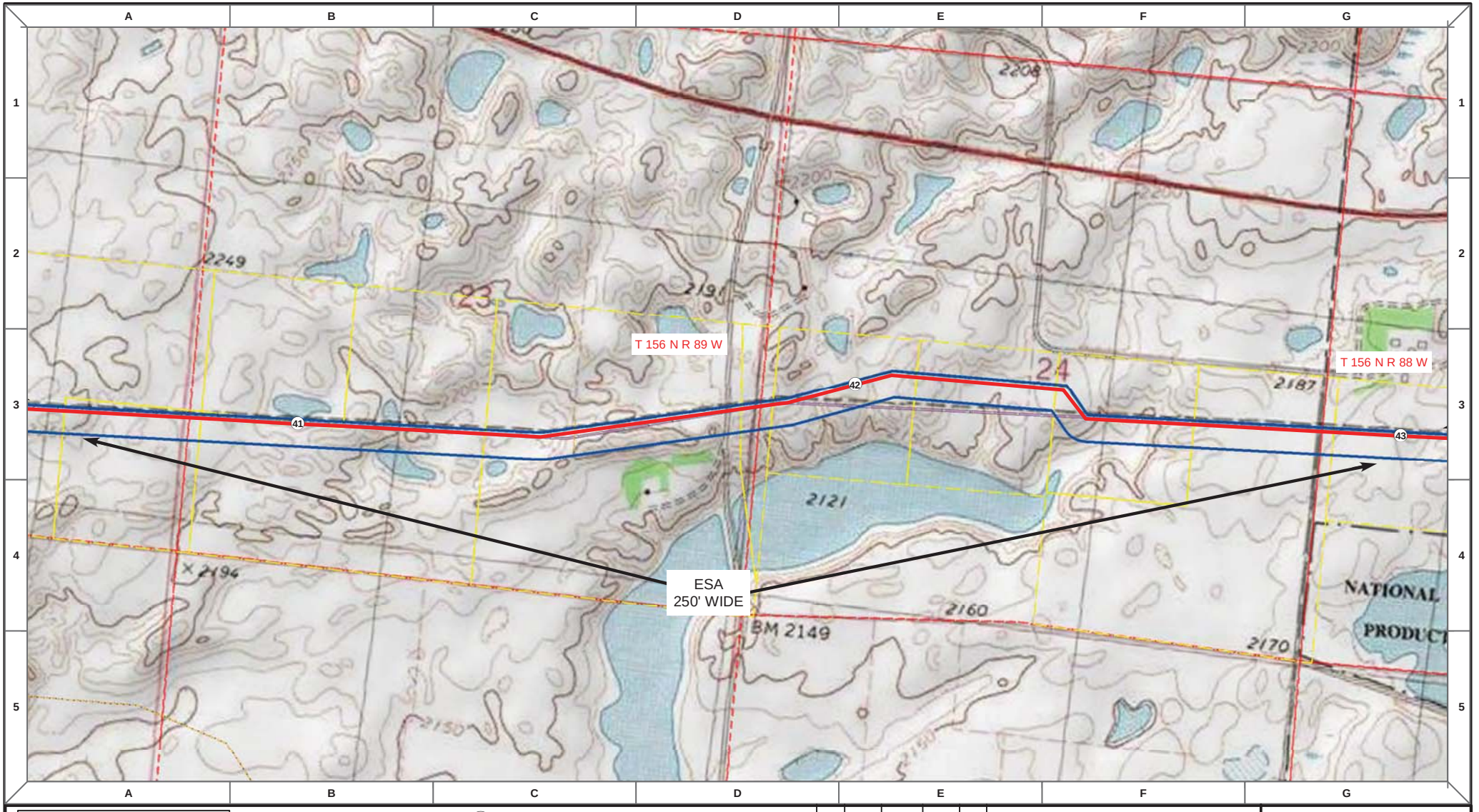
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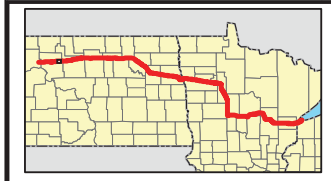
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

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DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 17 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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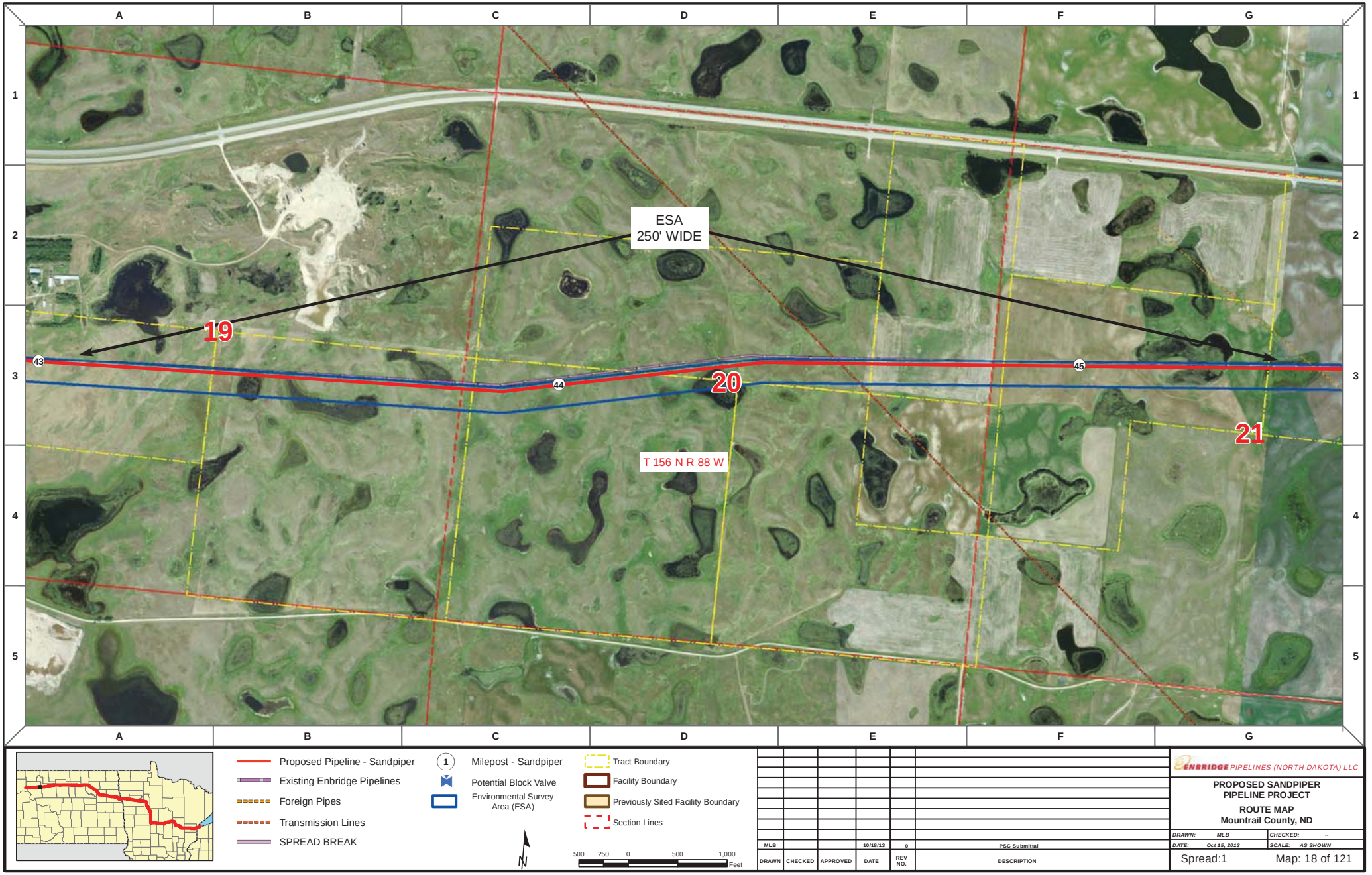
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 17 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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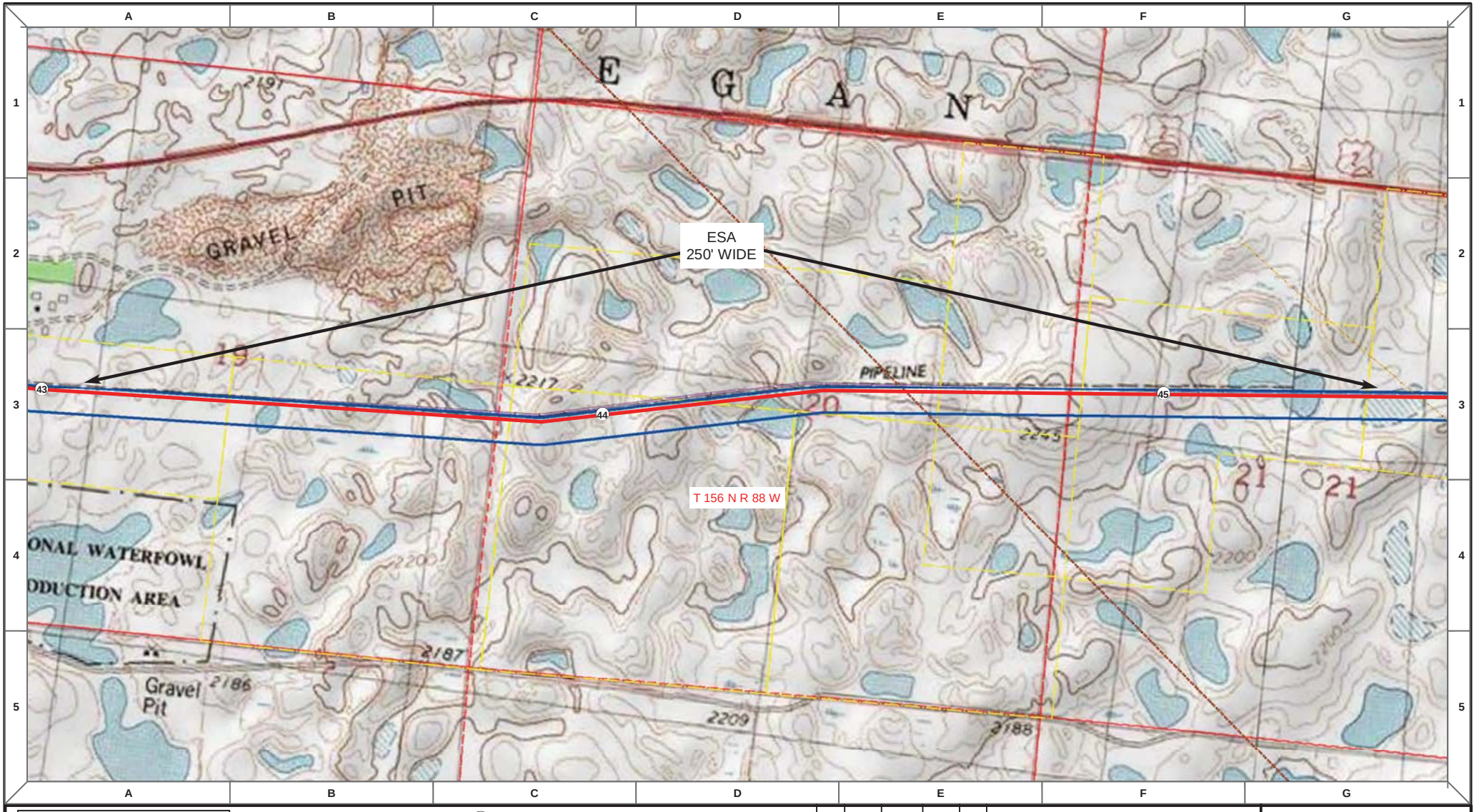
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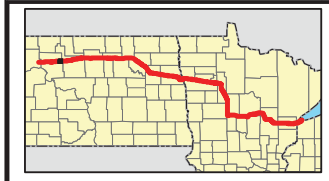
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 18 of 121





- Proposed Pipeline - Sandpiper
- Existing Enbridge Pipelines
- Foreign Pipes
- Transmission Lines
- SPREAD BREAK
- (1) Milepost - Sandpiper
- Potential Block Valve
- Environmental Survey Area (ESA)
- Tract Boundary
- Facility Boundary
- Previously Sited Facility Boundary
- Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
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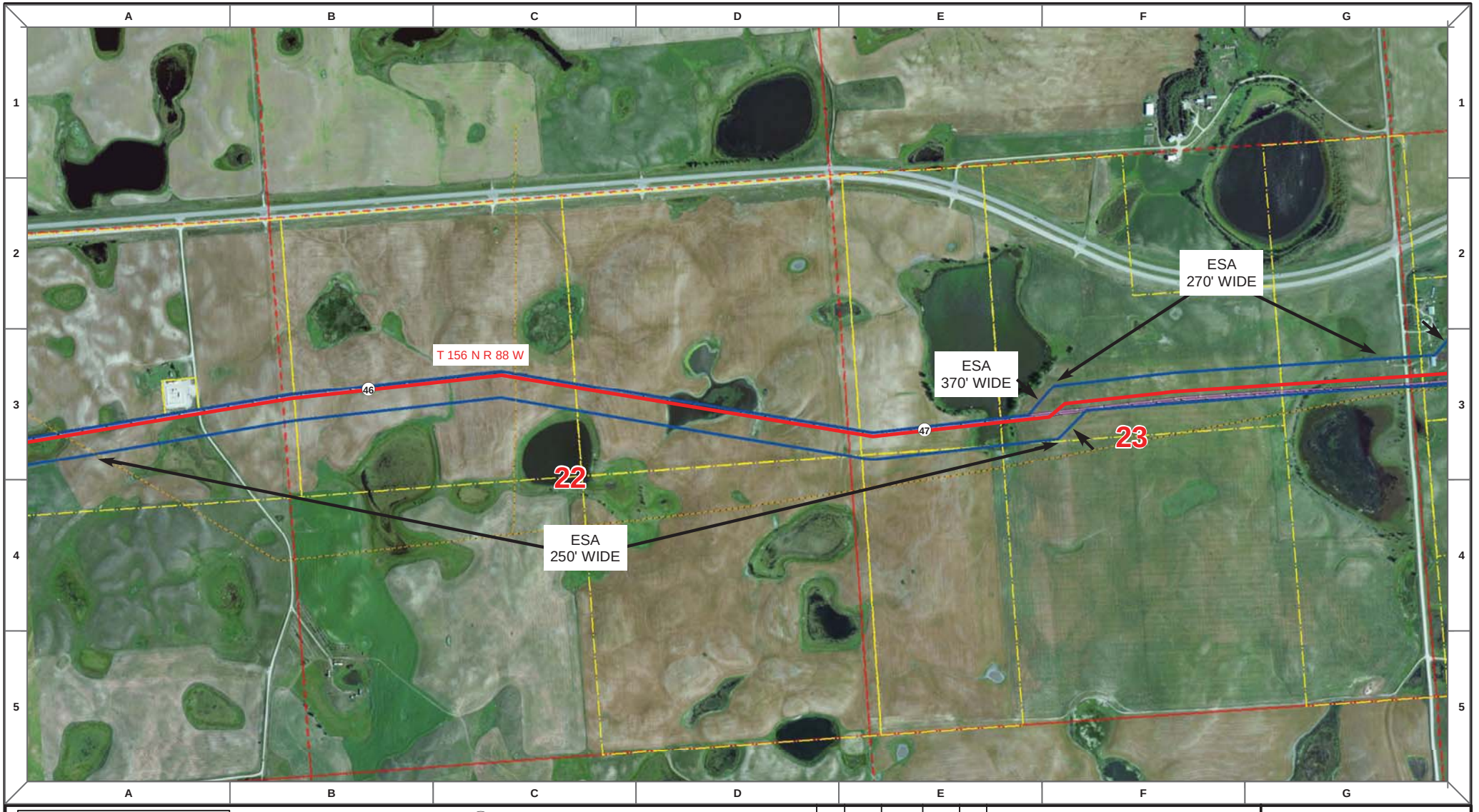
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

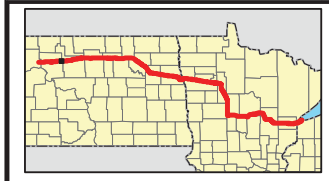
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 18 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

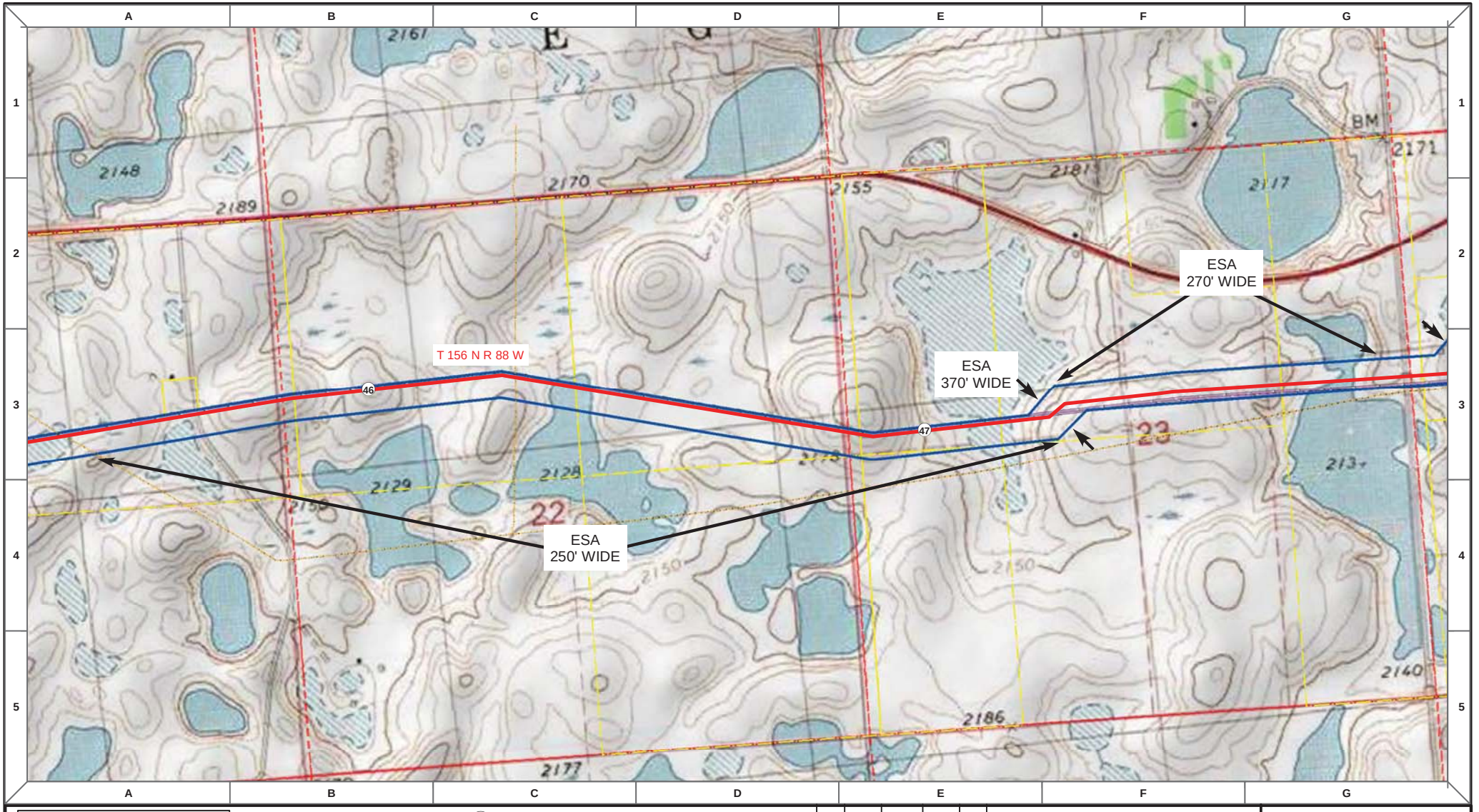
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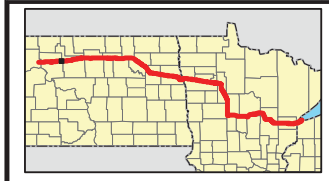
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 19 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

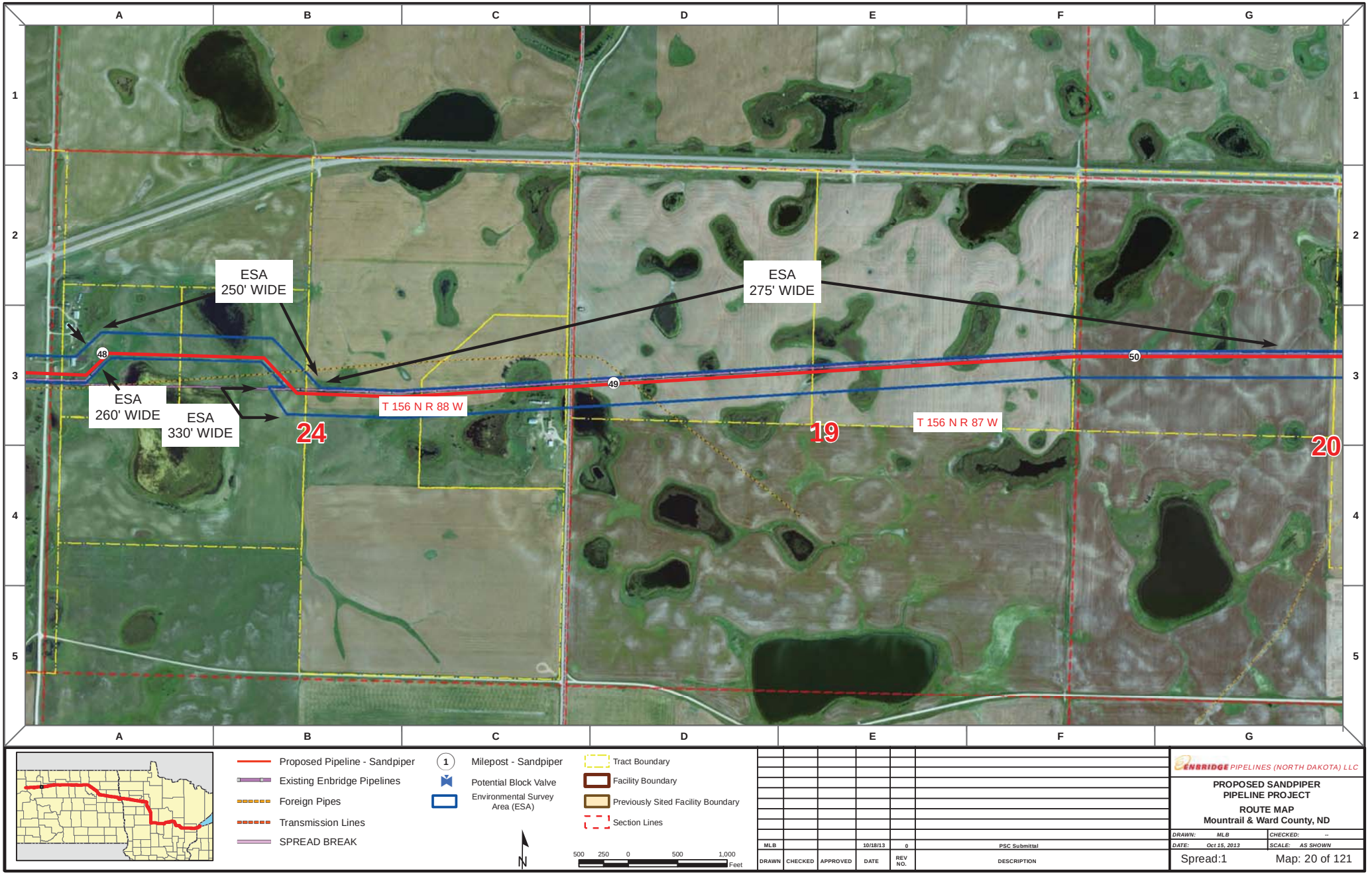
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 19 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

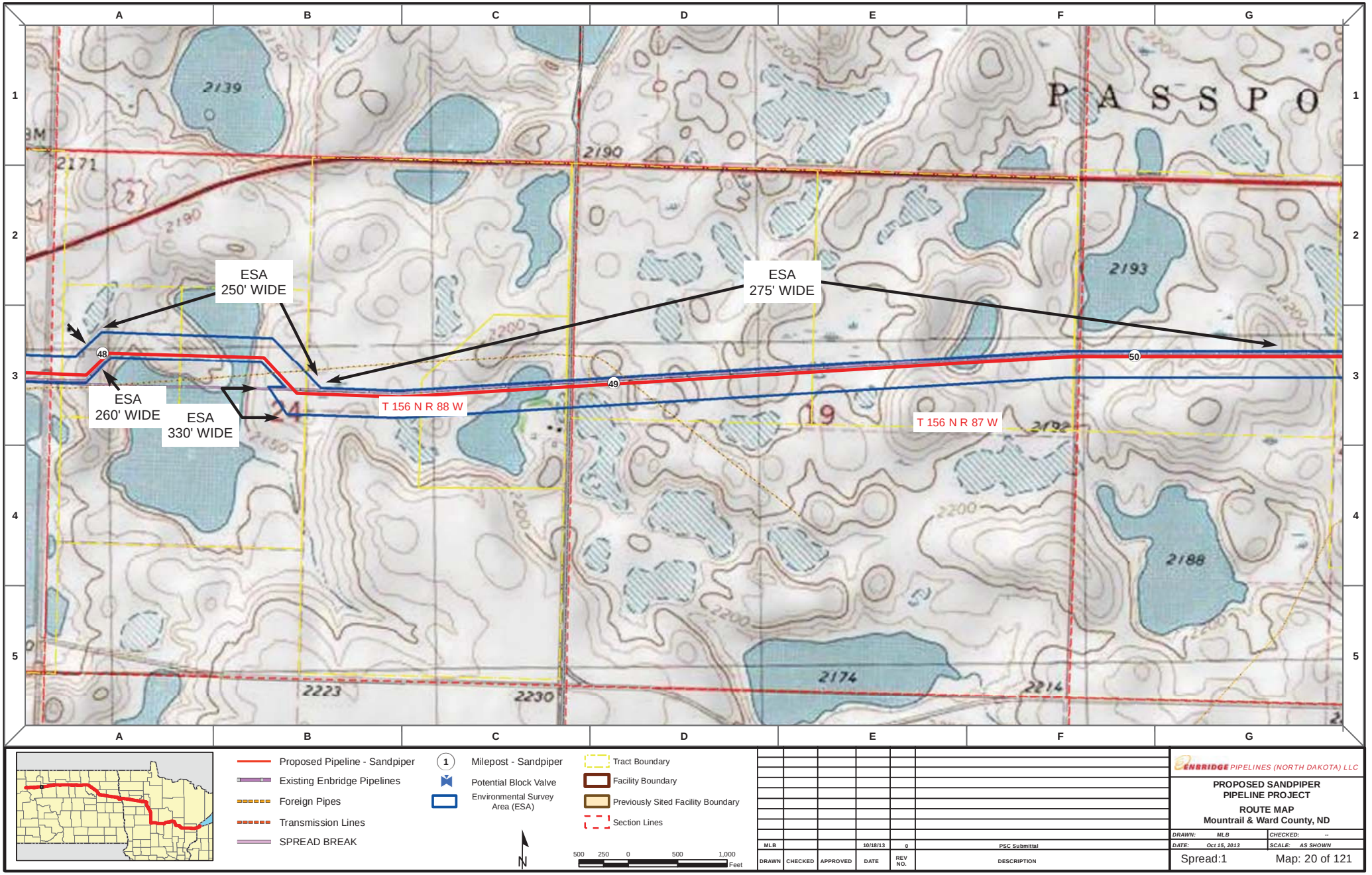
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail & Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 20 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

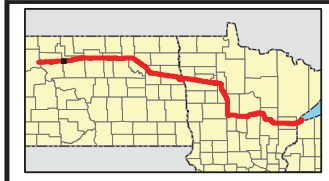
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Mountrail & Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 20 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

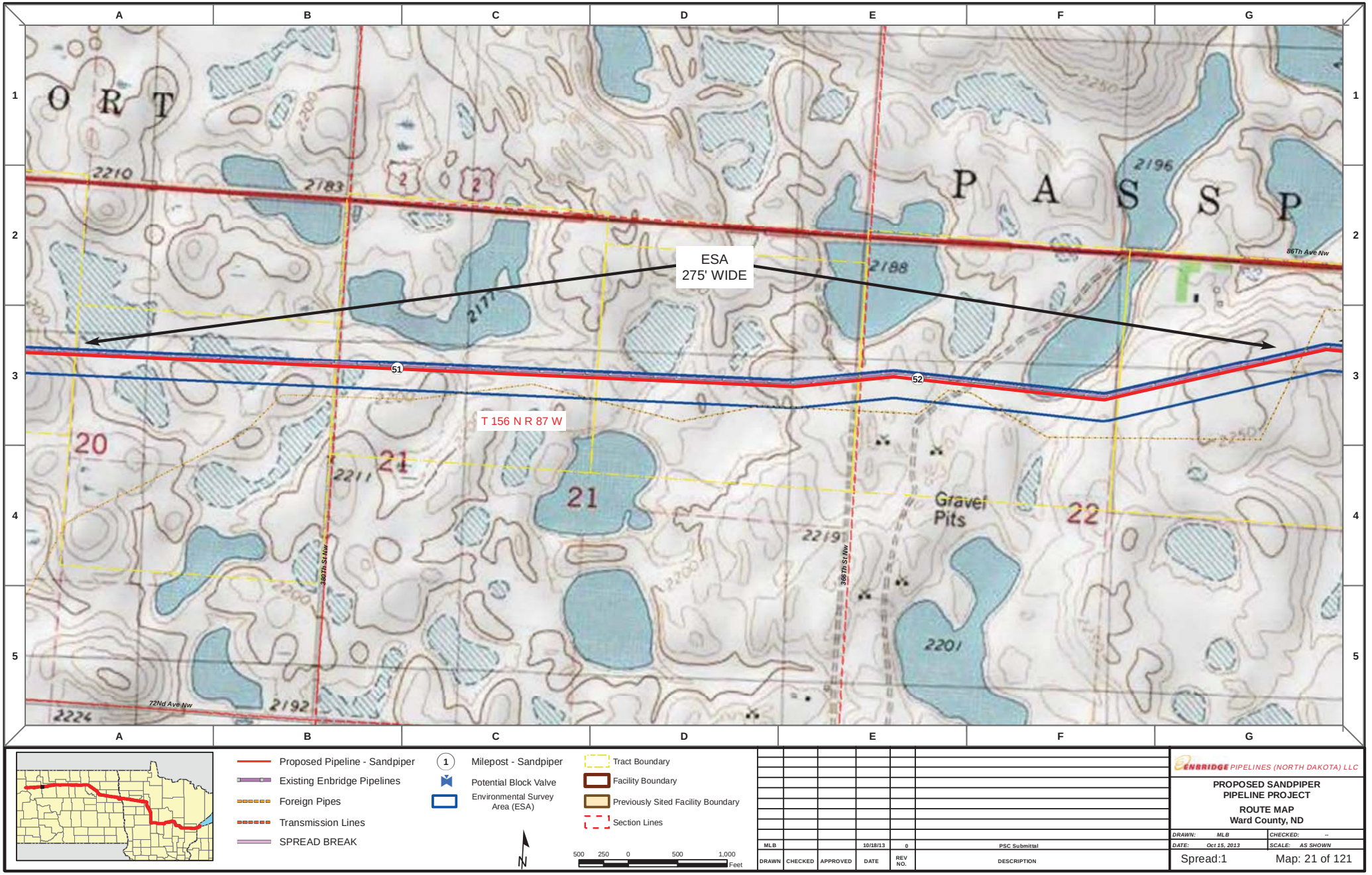
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 21 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

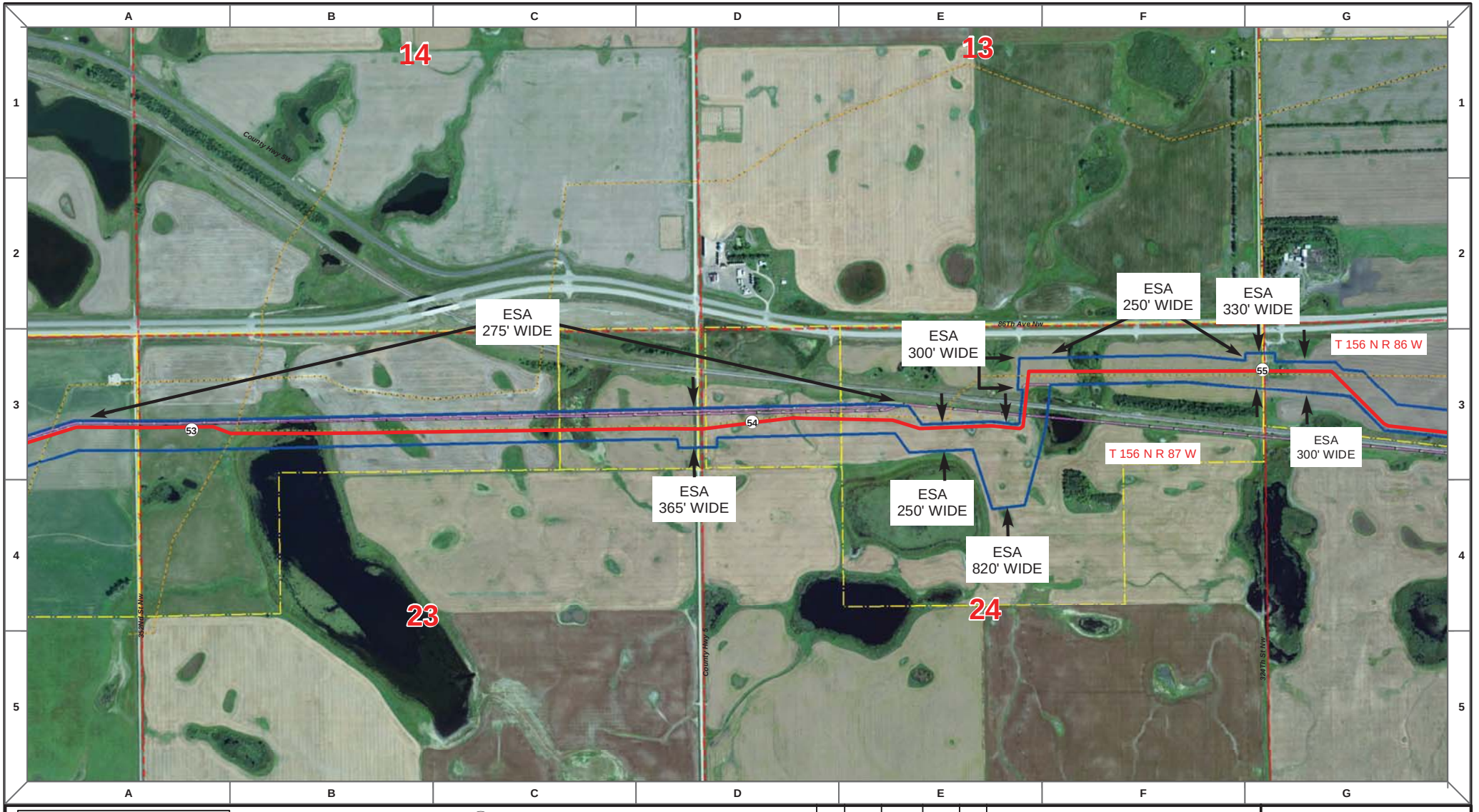
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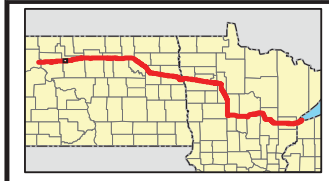
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 21 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

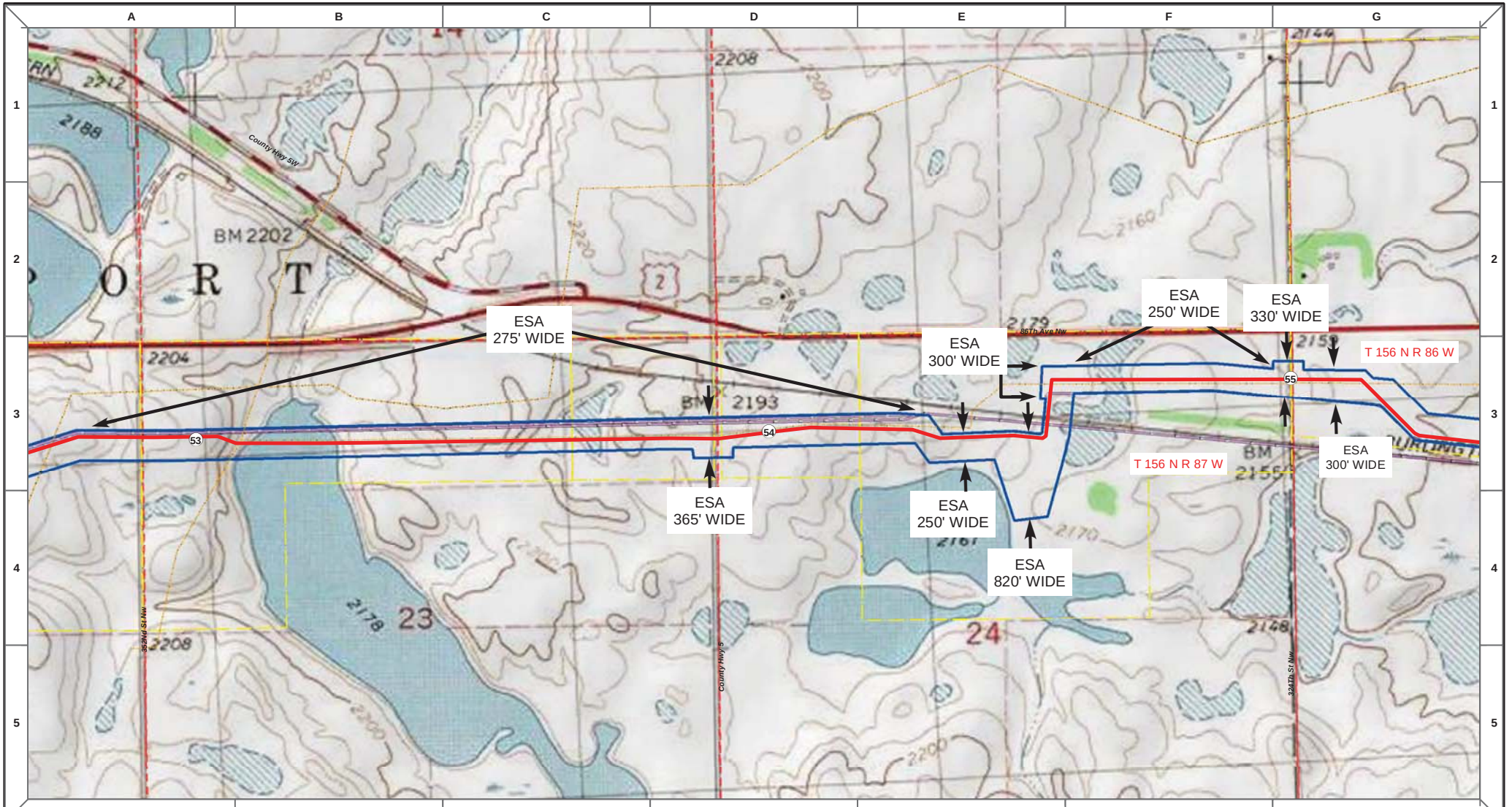
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 22 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

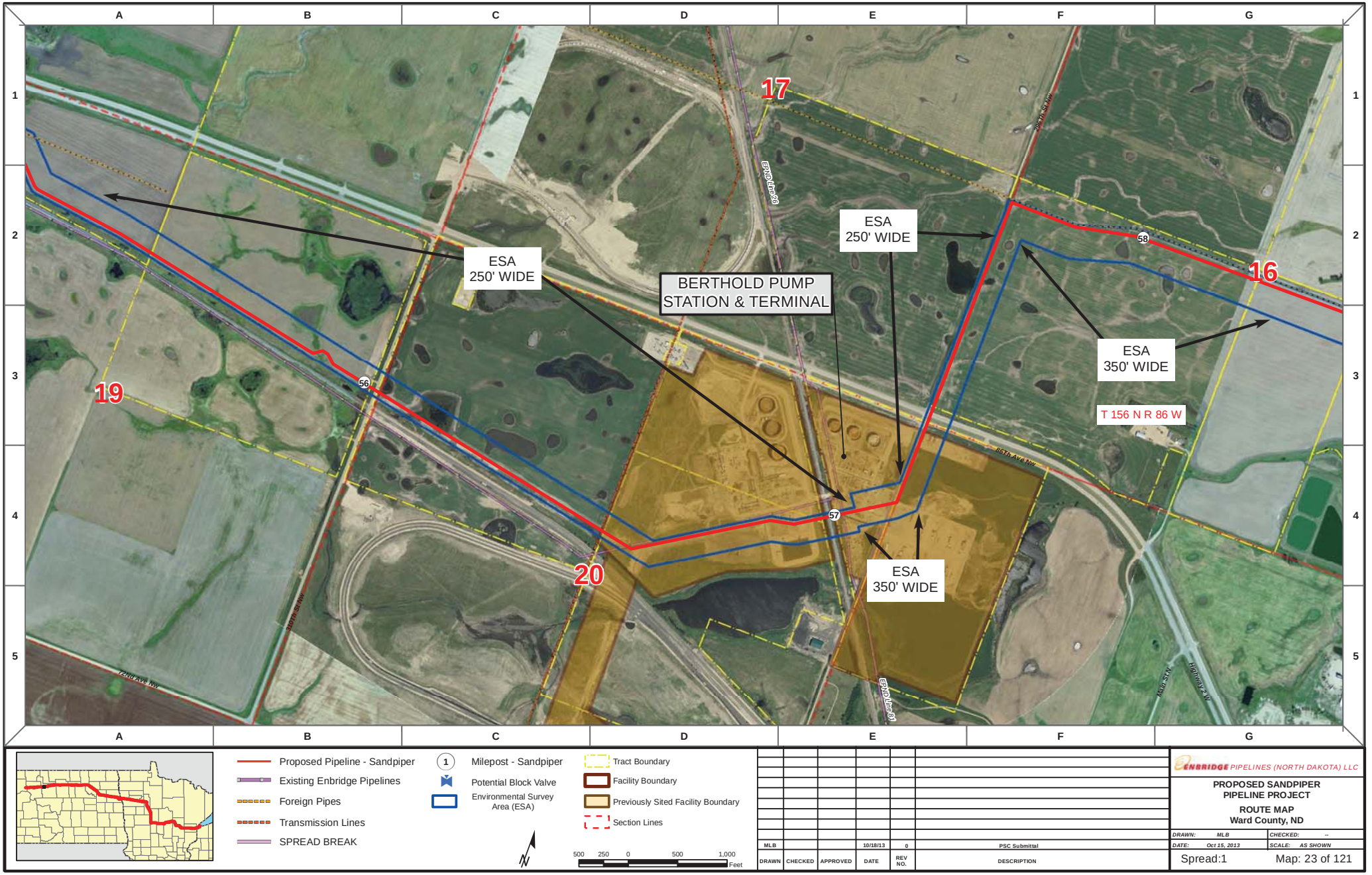
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 22 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

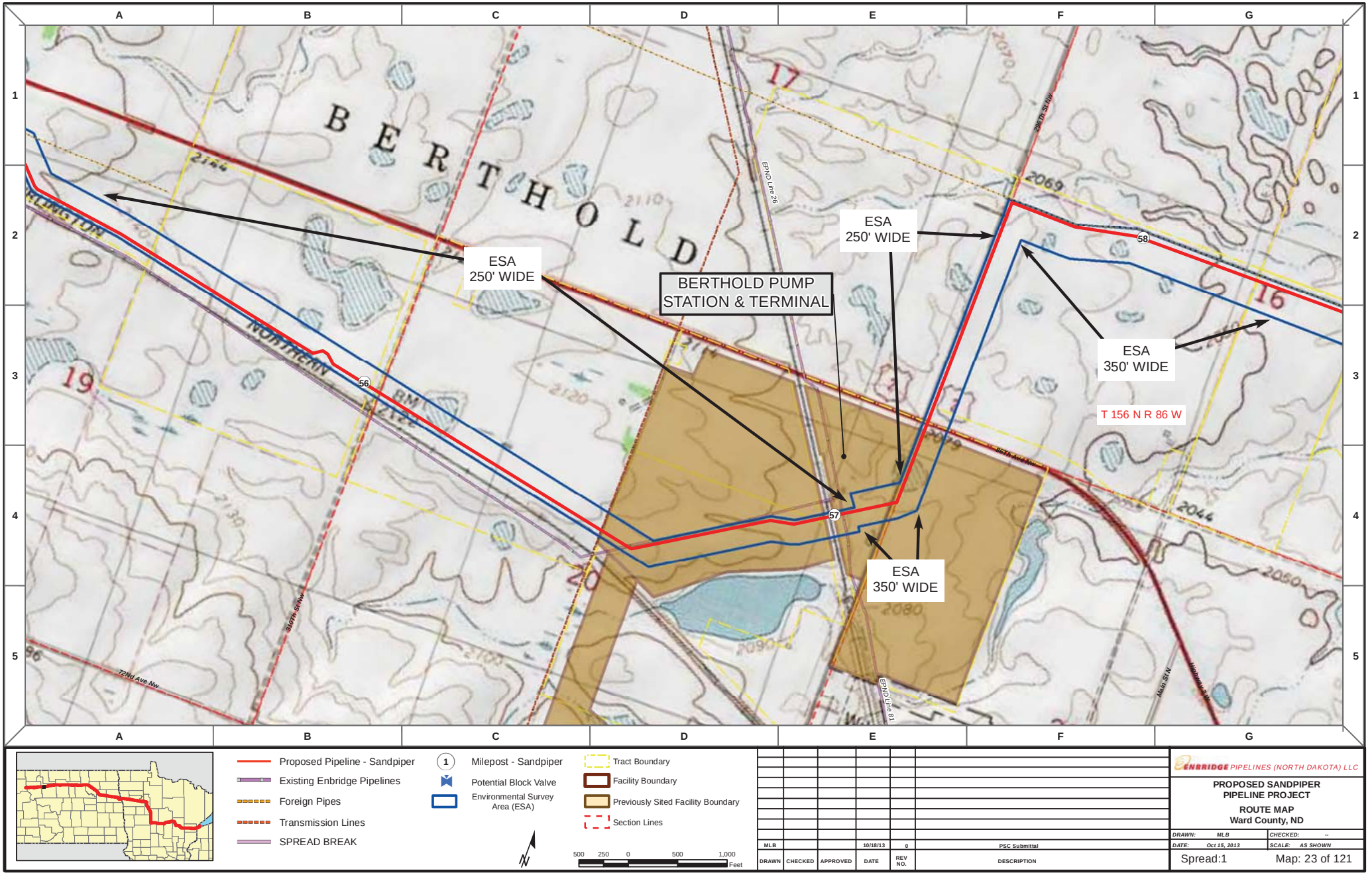
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 23 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

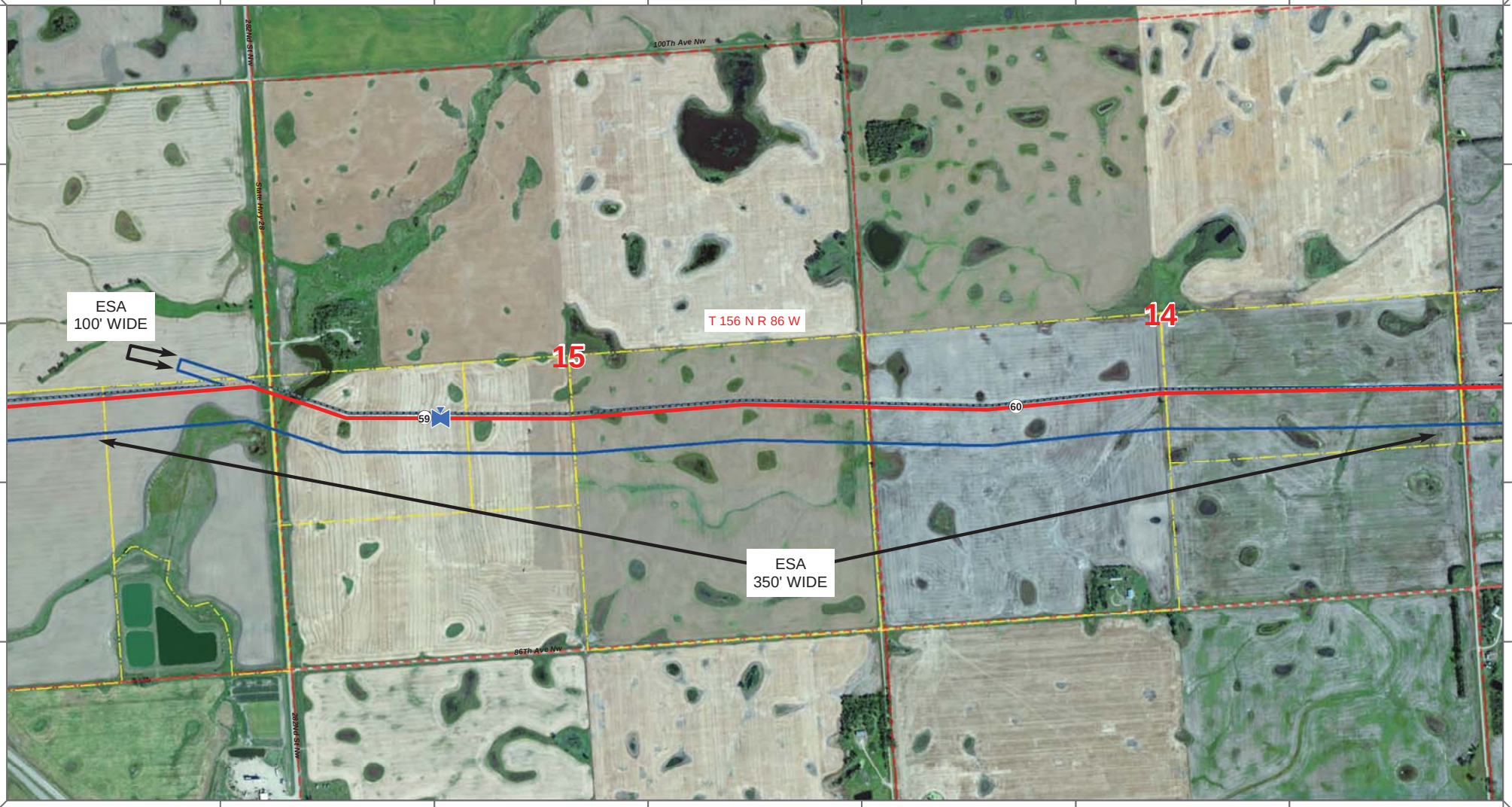
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

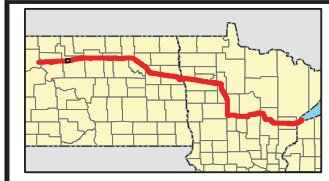
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 23 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

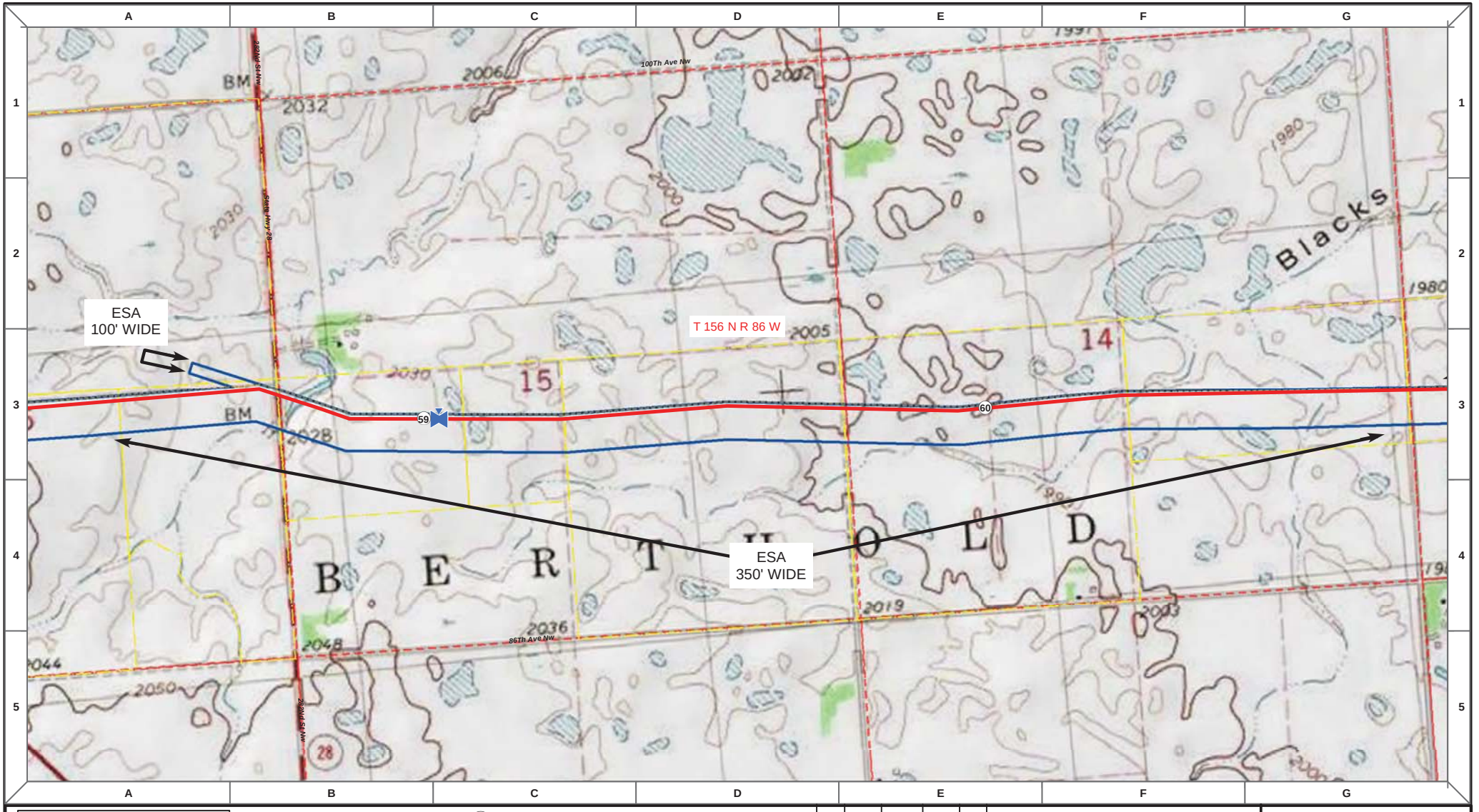
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 24 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

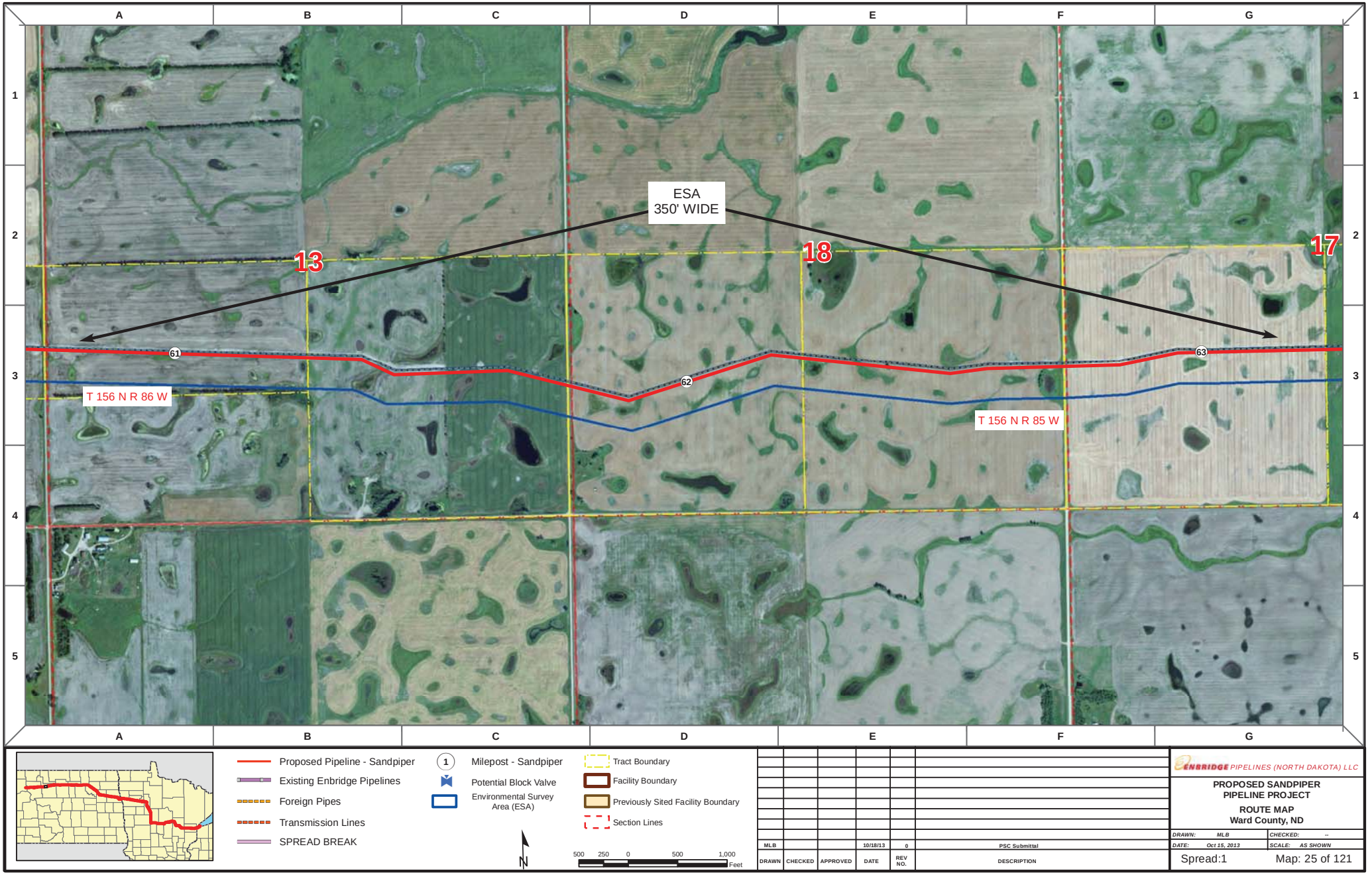
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 24 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

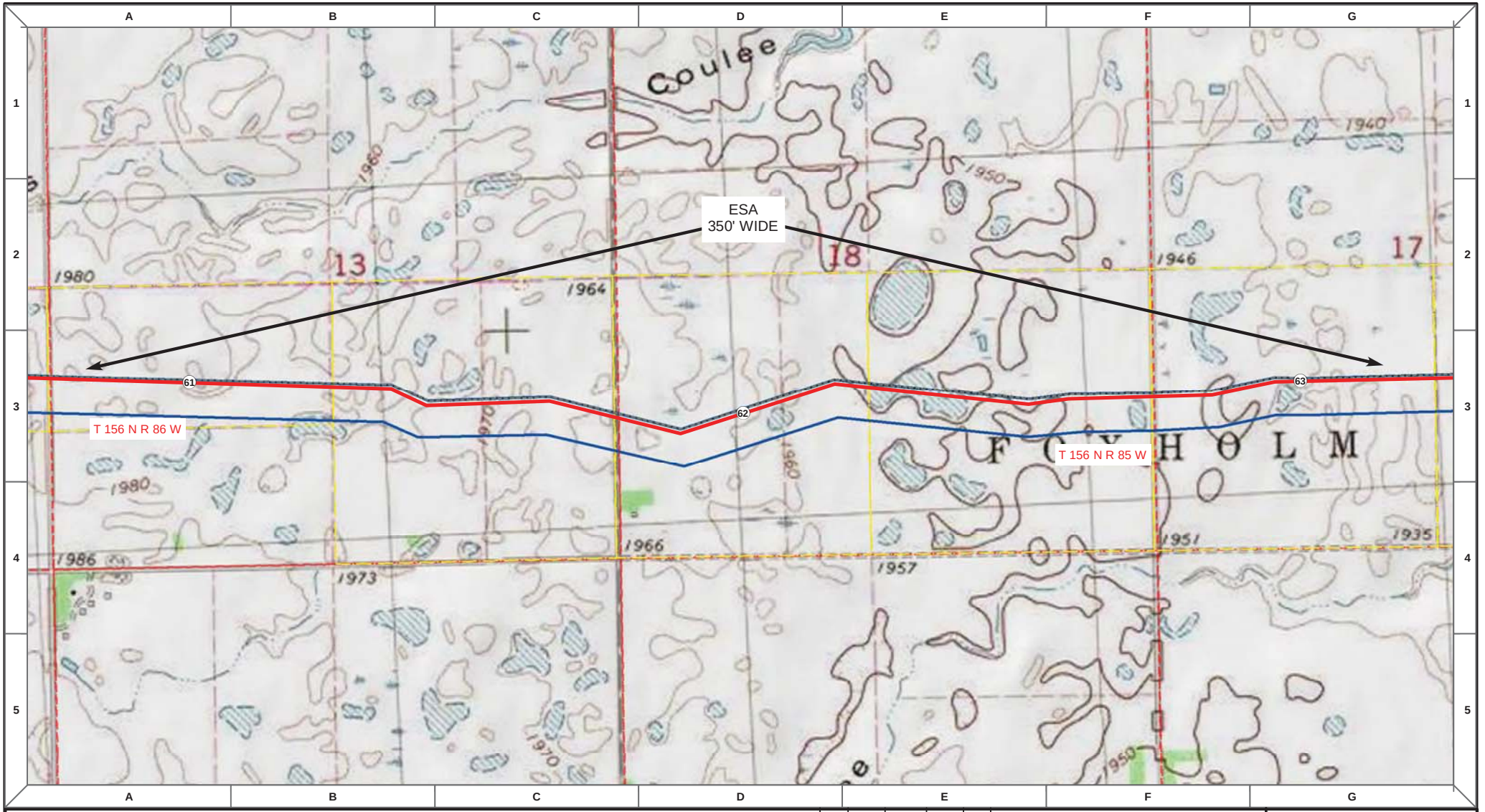
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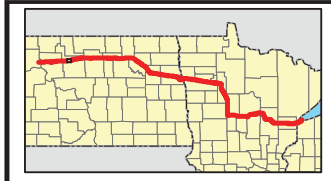
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 25 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

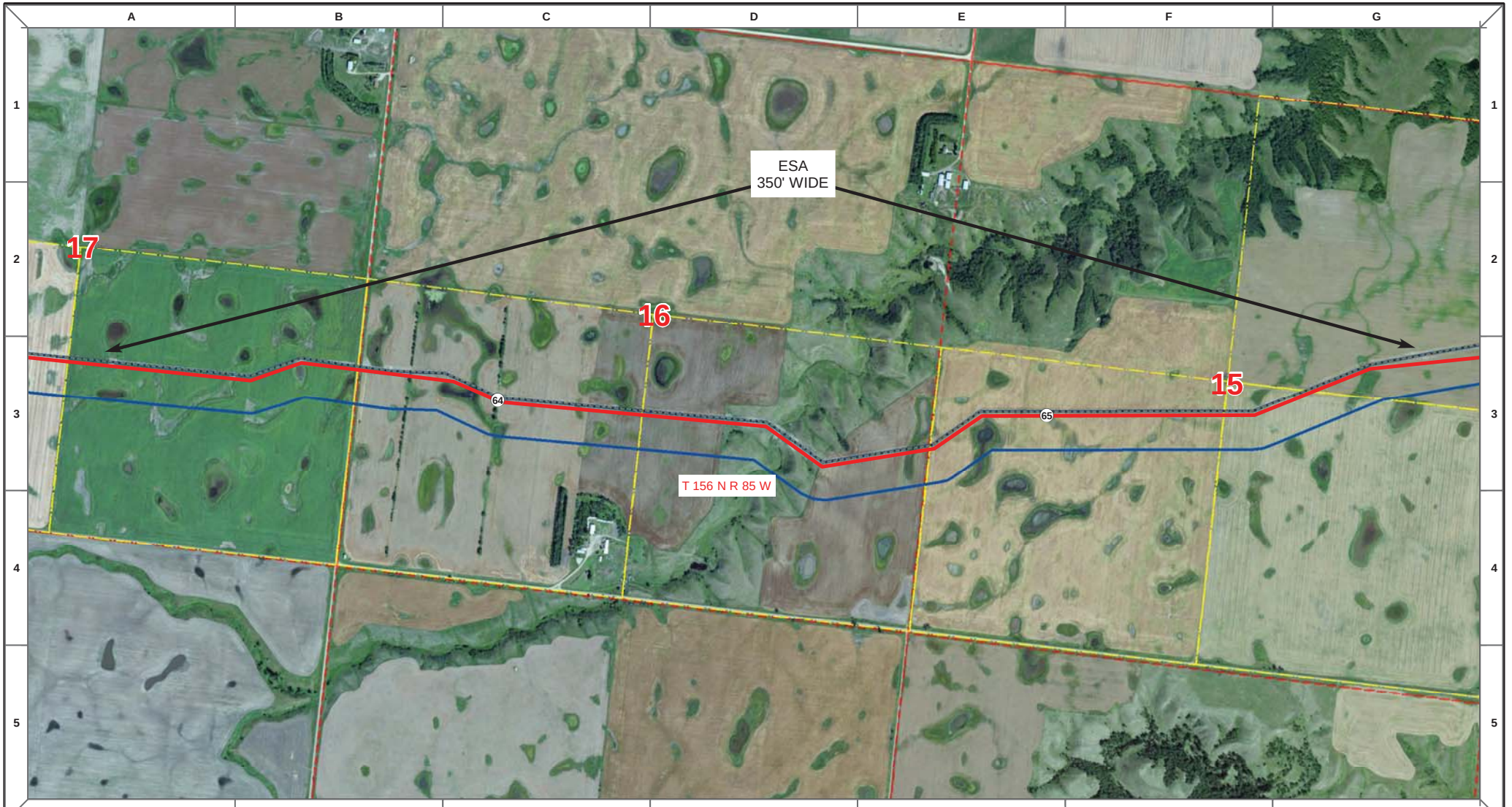
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

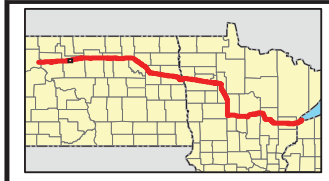
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 25 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

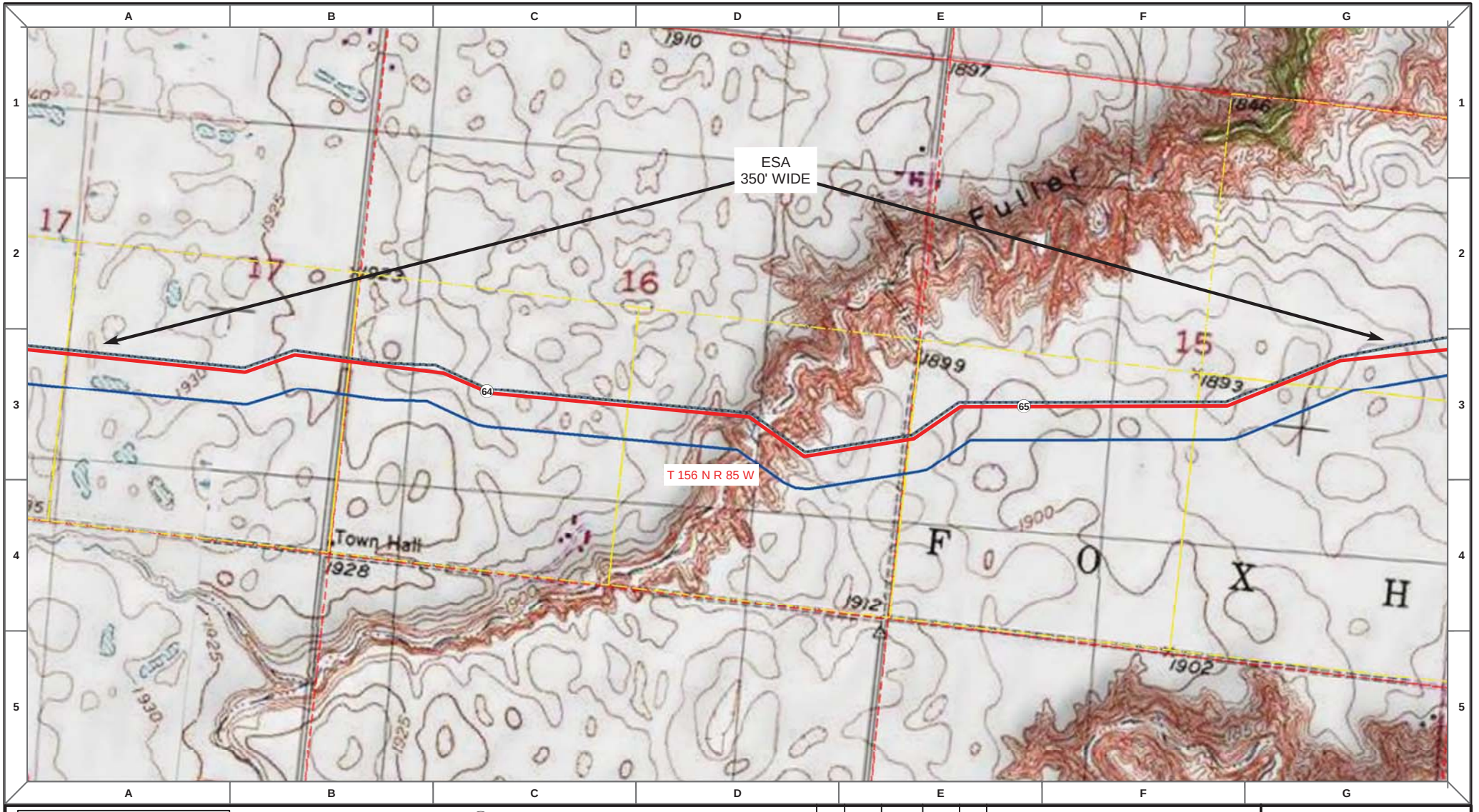
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 26 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

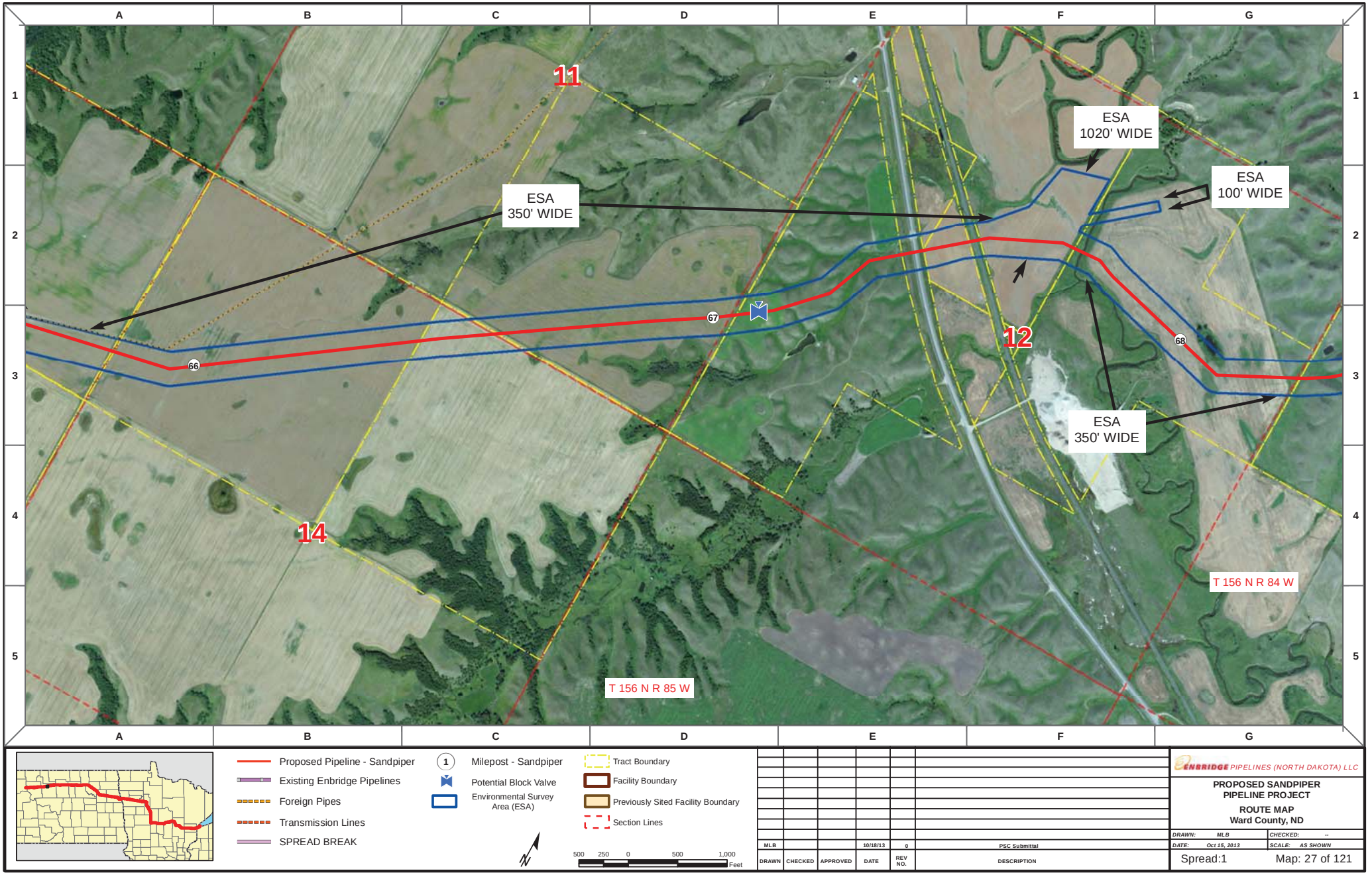
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 26 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

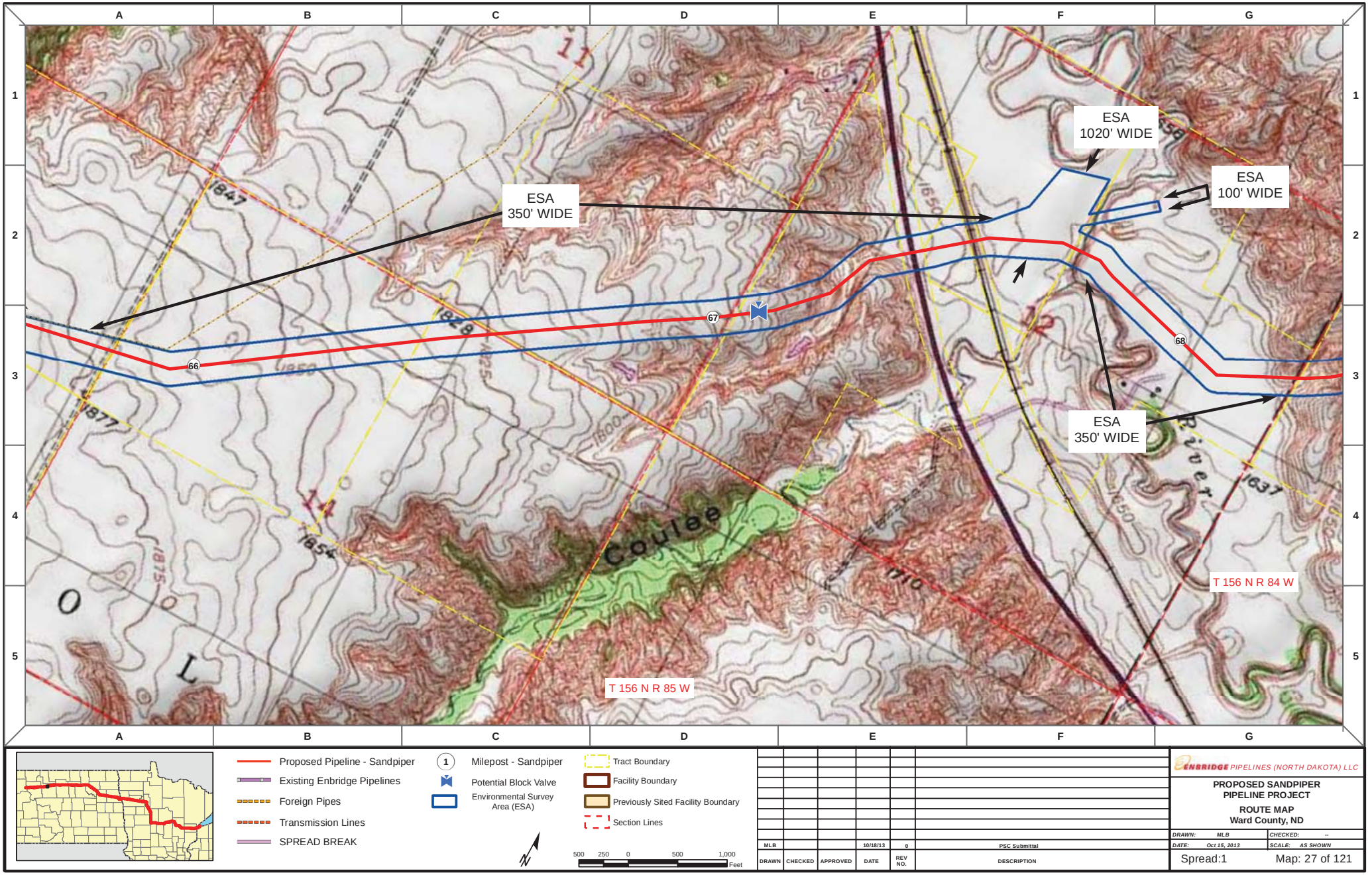
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 27 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

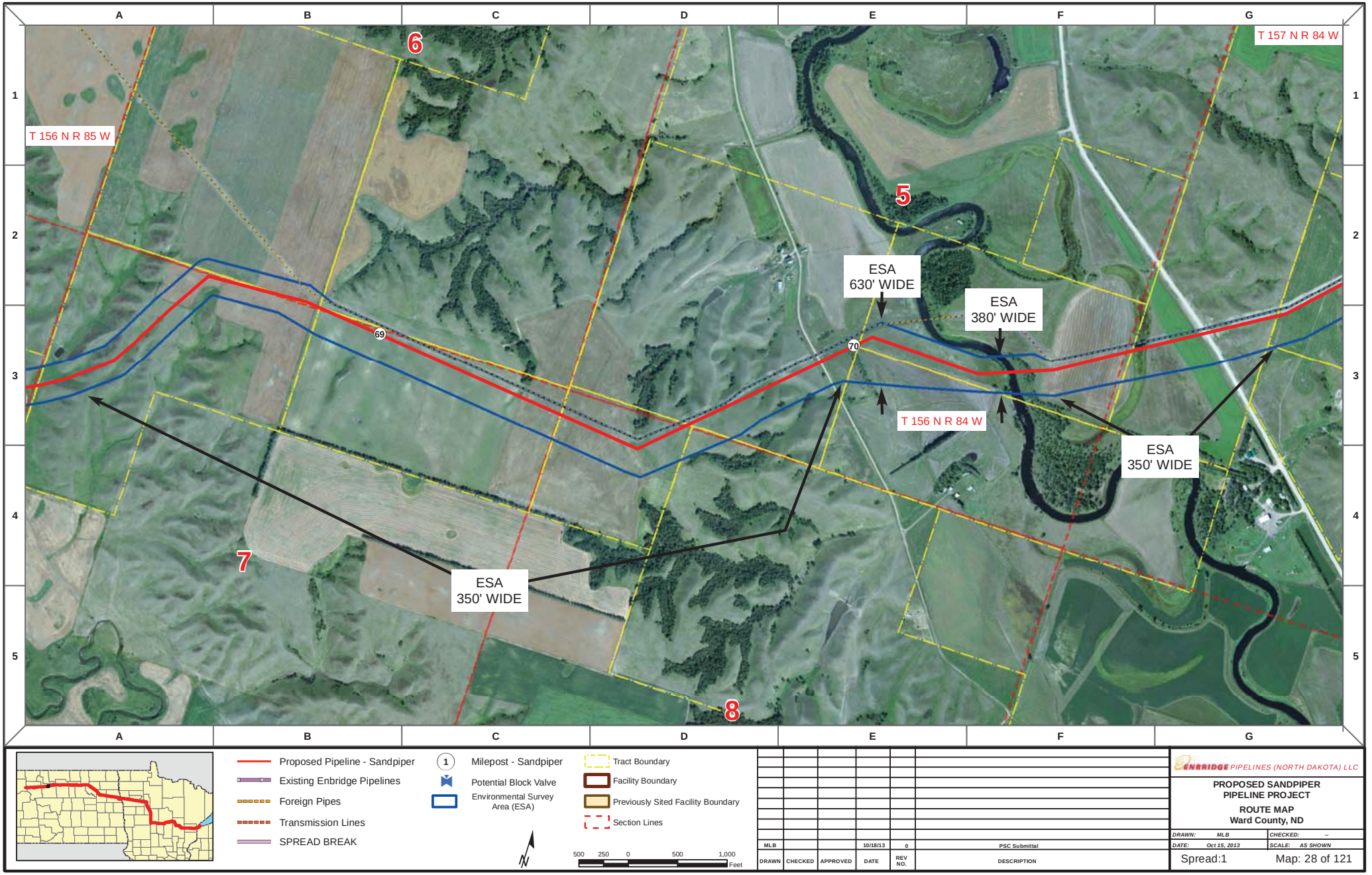
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 27 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

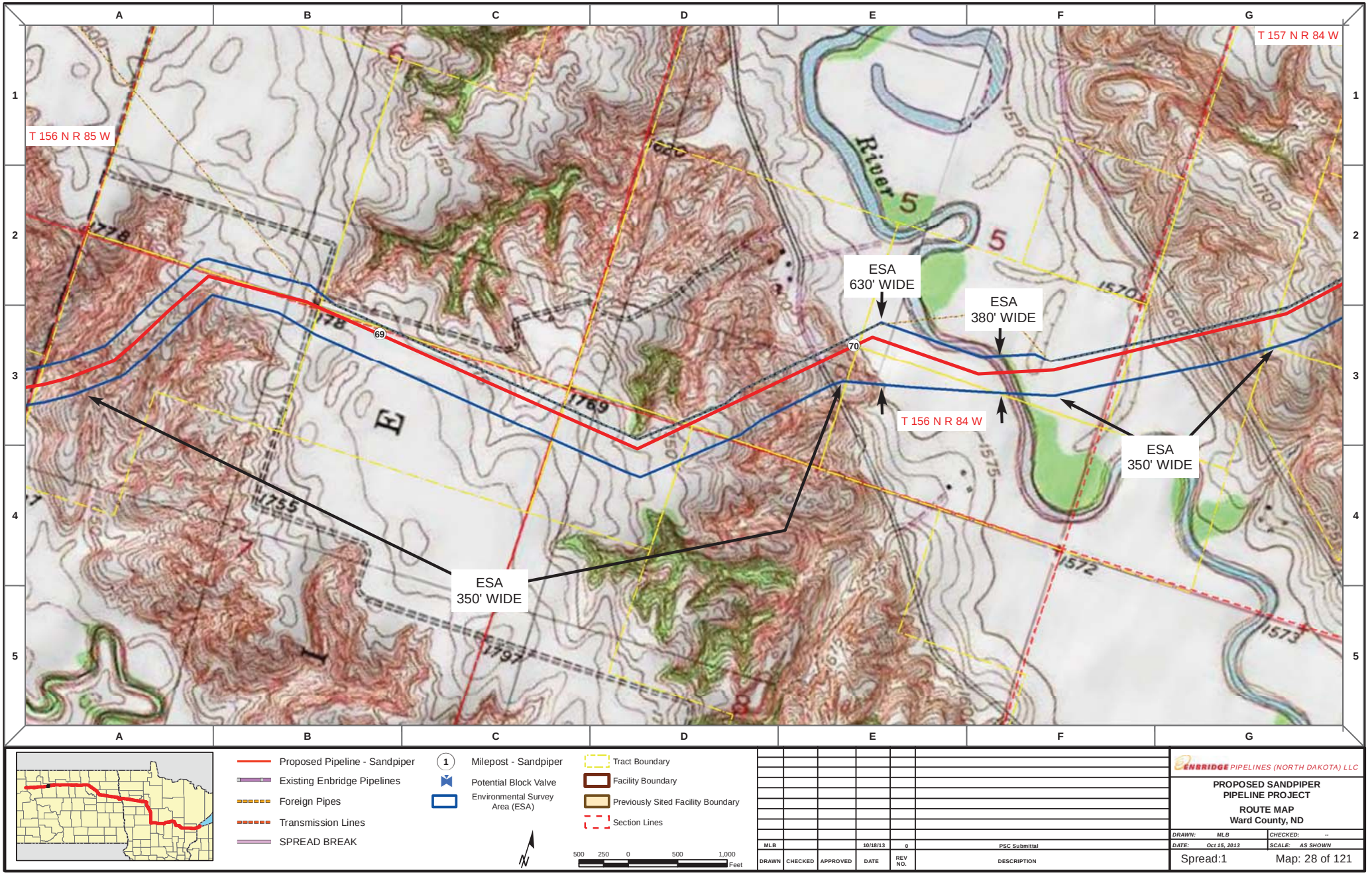
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

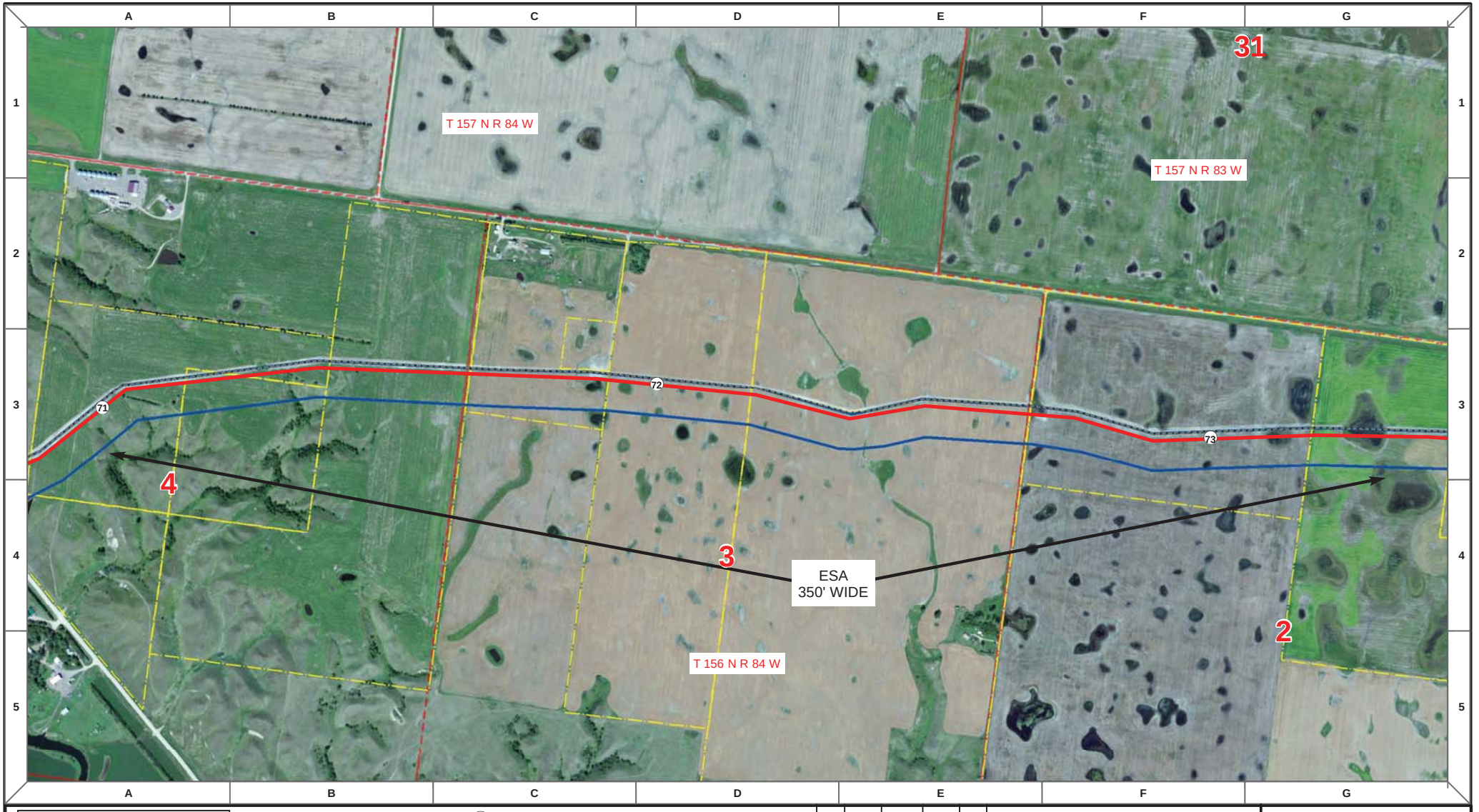
PROPOSED SANDPIPER PIPELINE PROJECT

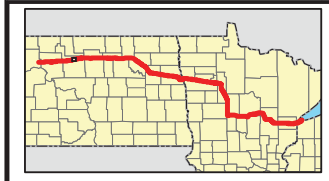
ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 28 of 121


A
B
C
D
E
F
G
1
2
3
4
5
T 157 N R 84 W
T 156 N R 85 W
T 156 N R 84 W
River
ESA
630' WIDE
ESA
380' WIDE
ESA
350' WIDE
ESA
350' WIDE
69
70
1778
1769
1755
1797
1572
1573
1575
1570
1600
1625
1650
1700
1750
1800
Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK
Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)
Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines
N
500 250 0 500 1,000
Feet
MLB
10/18/13
0
PSC Submittal
DRAWN
CHECKED
APPROVED
DATE
REV NO.
DESCRIPTION
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC
PROPOSED SANDPIPER PIPELINE PROJECT
ROUTE MAP
Ward County, ND
DRAWN: MLB
CHECKED: --
DATE: Oct 15, 2013
SCALE: AS SHOWN
Spread:1
Map: 28 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

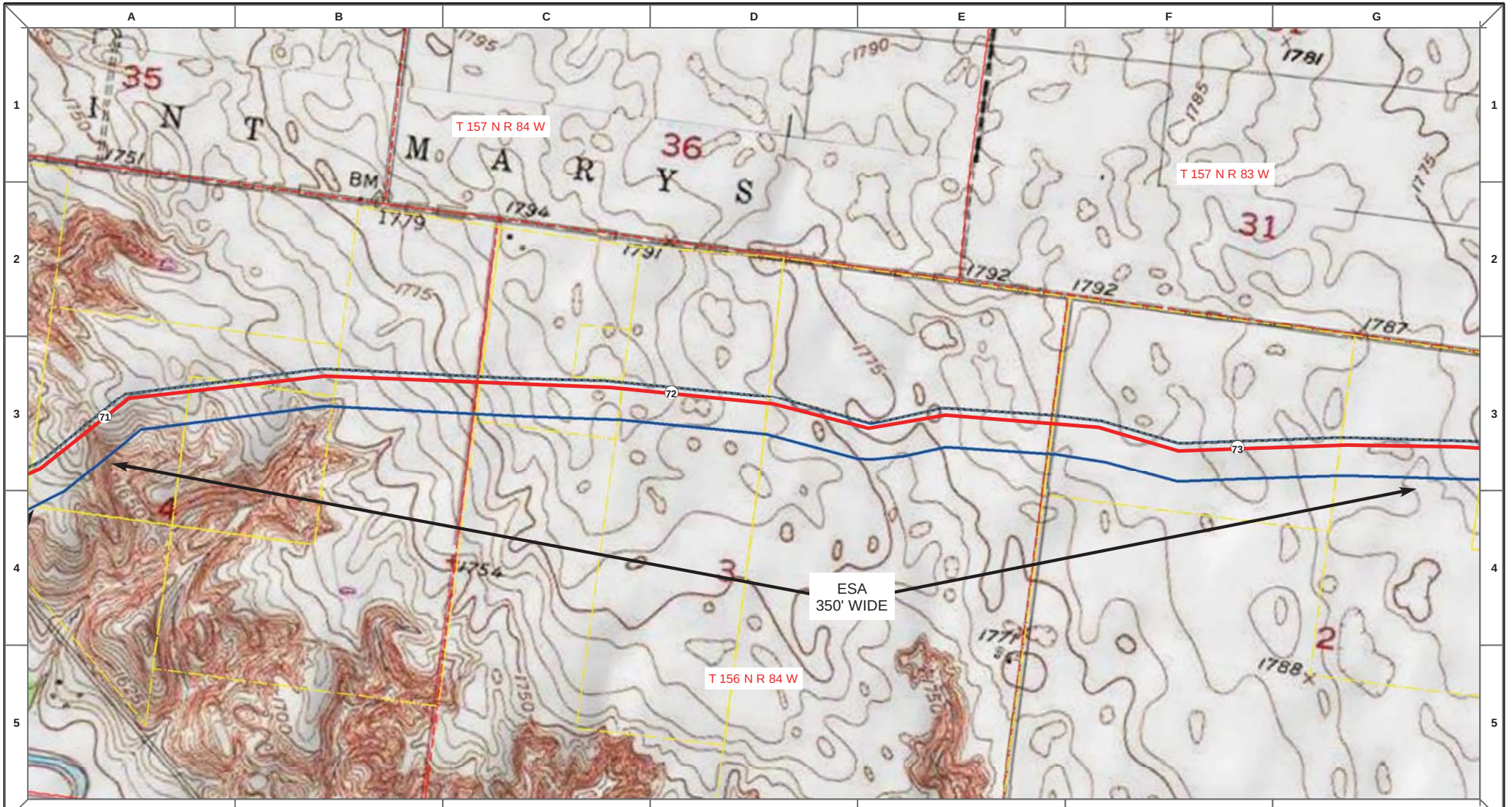
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

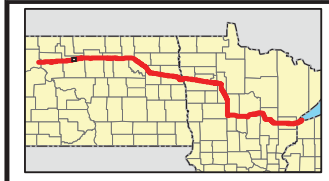
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 29 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

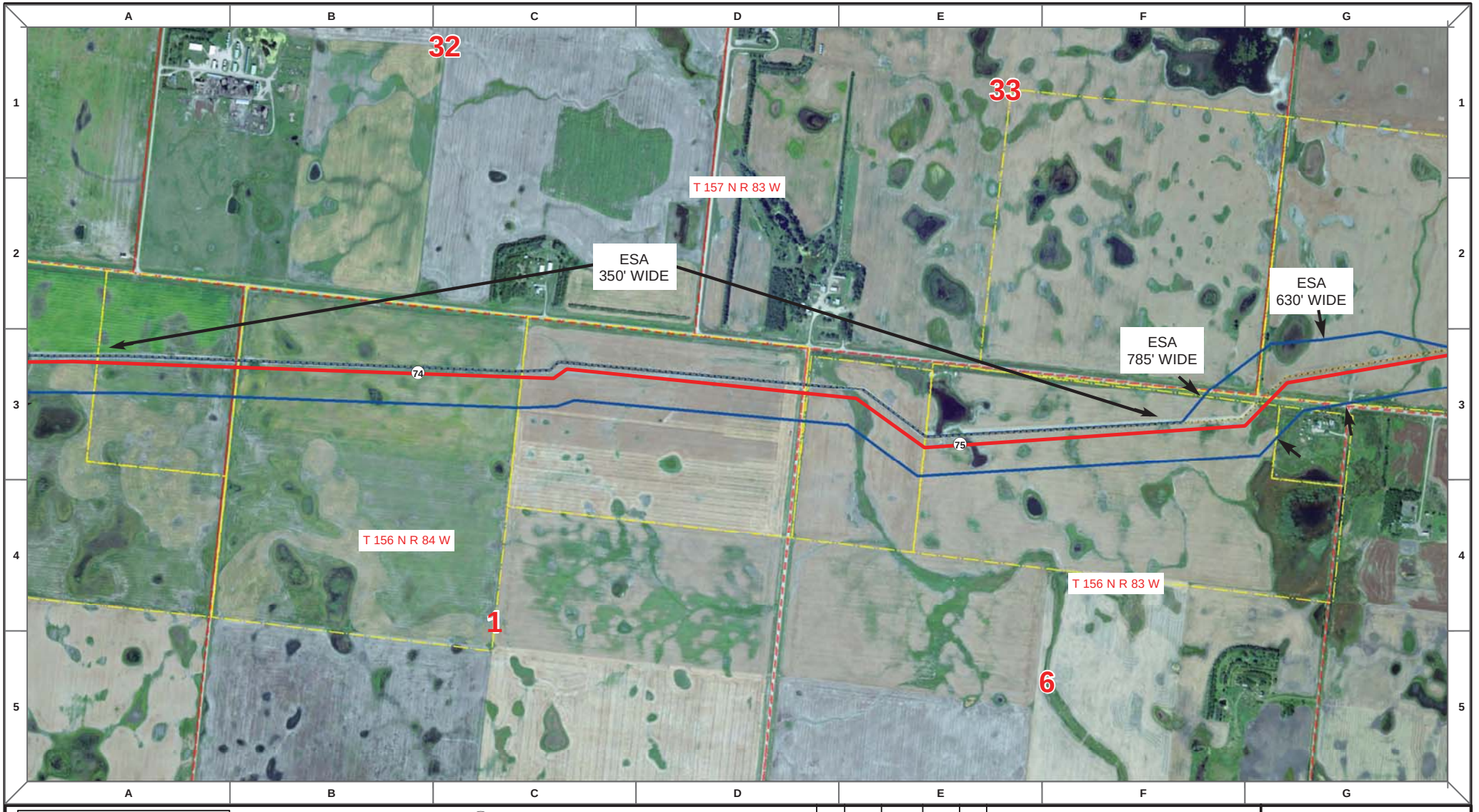
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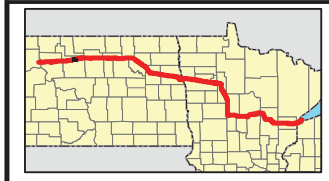
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 29 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

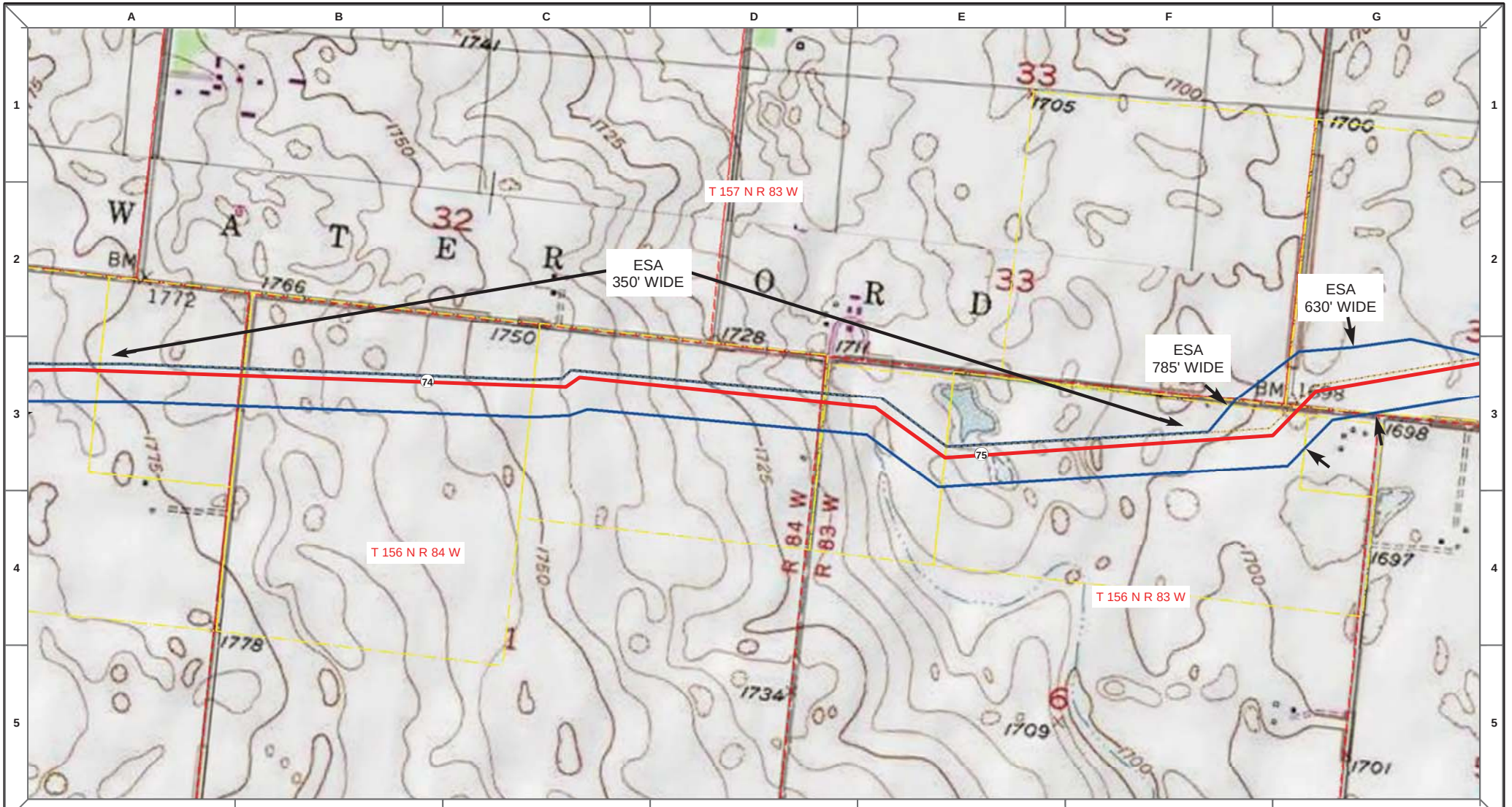
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 30 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

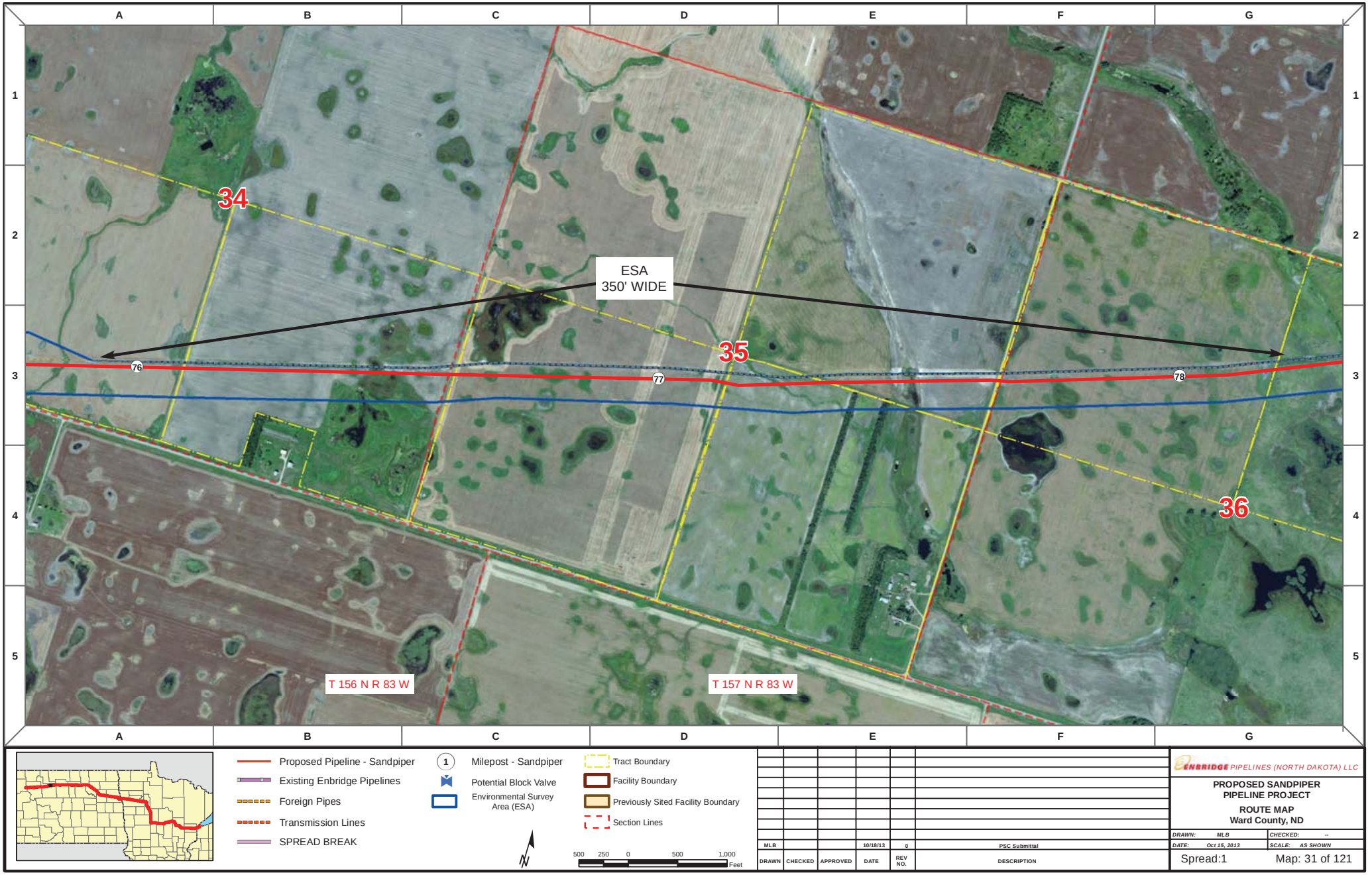
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 30 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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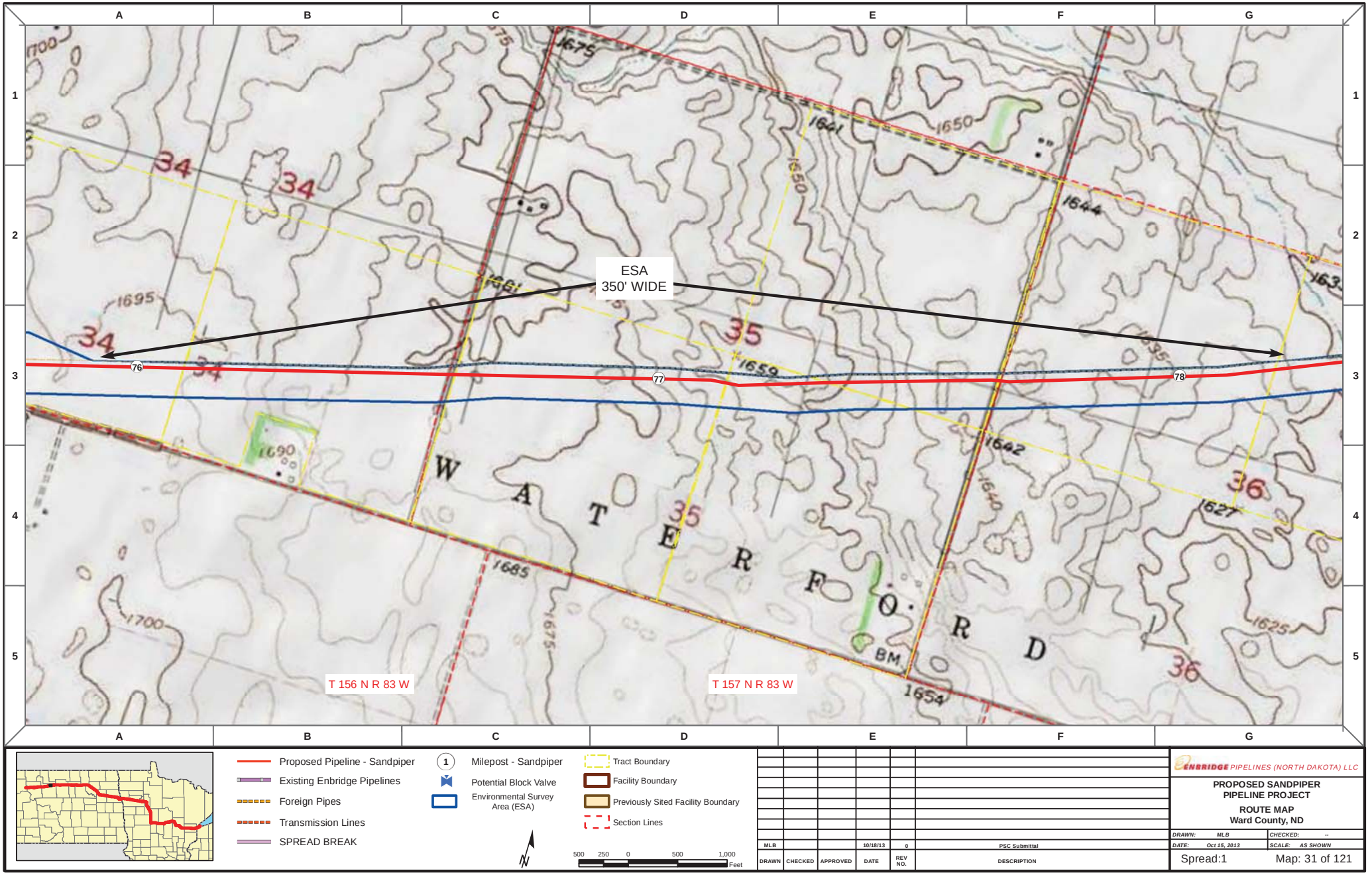
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 31 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

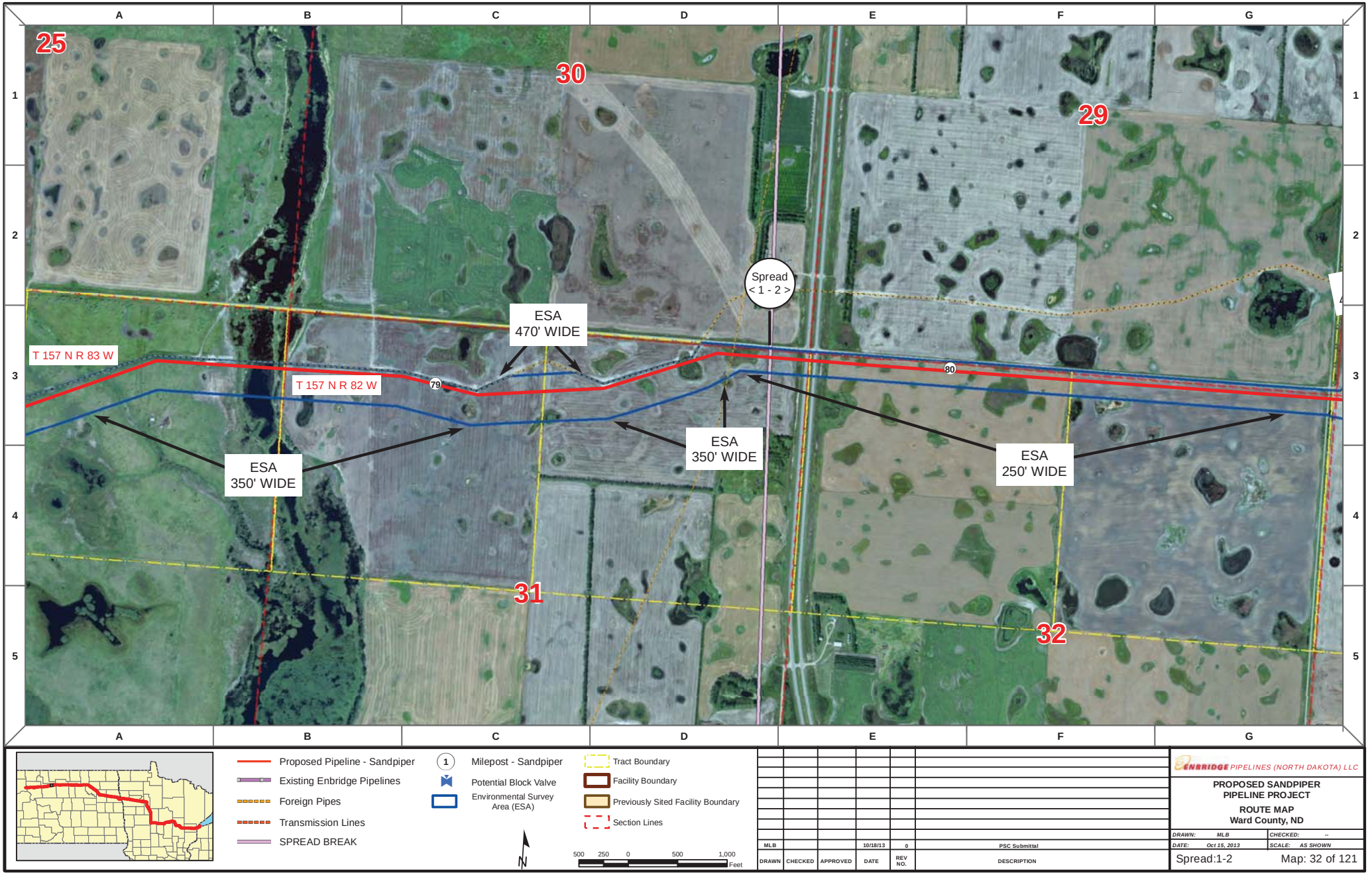
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:1 Map: 31 of 121



DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
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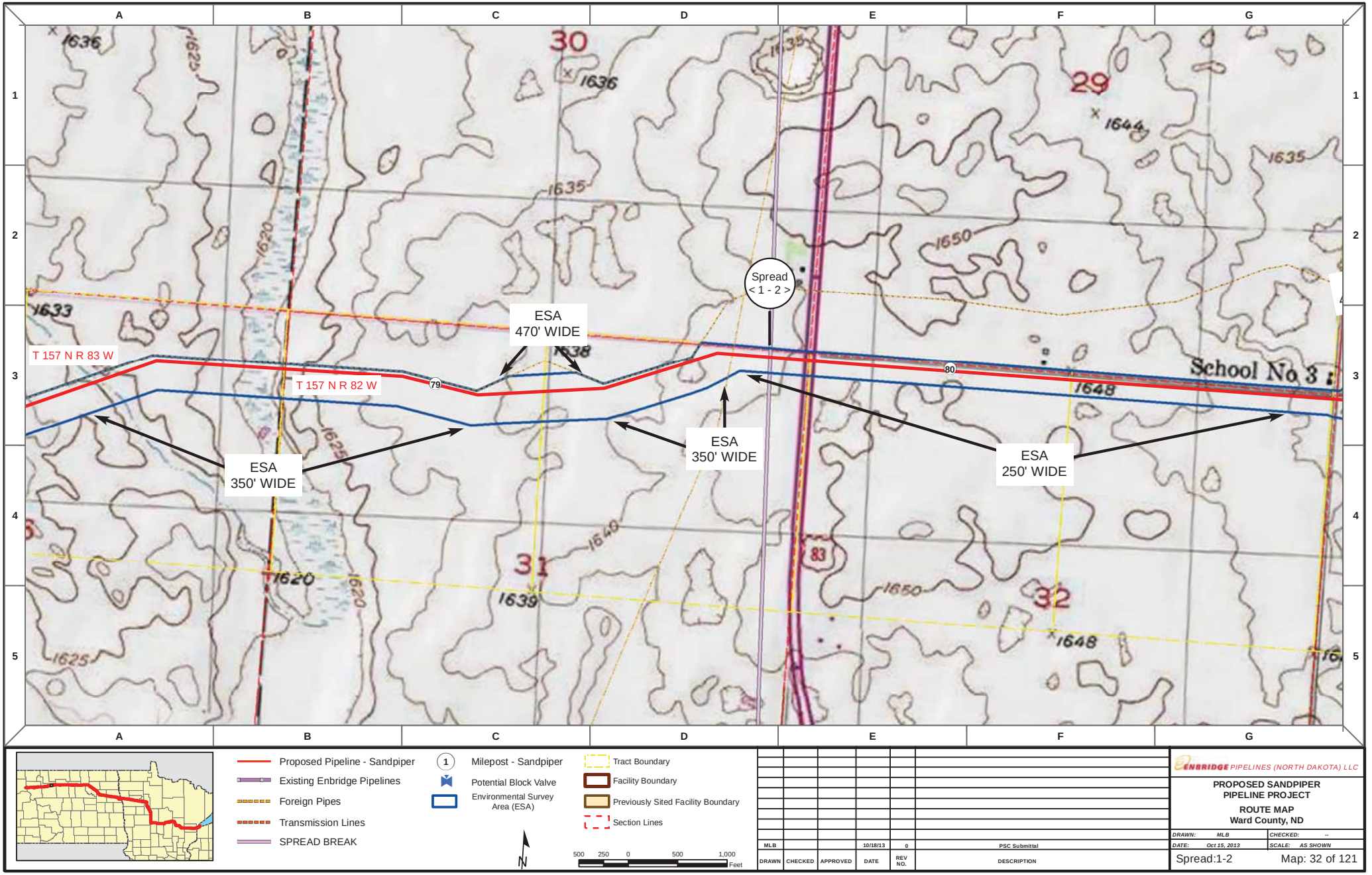
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB | CHECKED: --
DATE: Oct 15, 2013 | SCALE: AS SHOWN

Spread:1-2 | Map: 32 of 121



DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

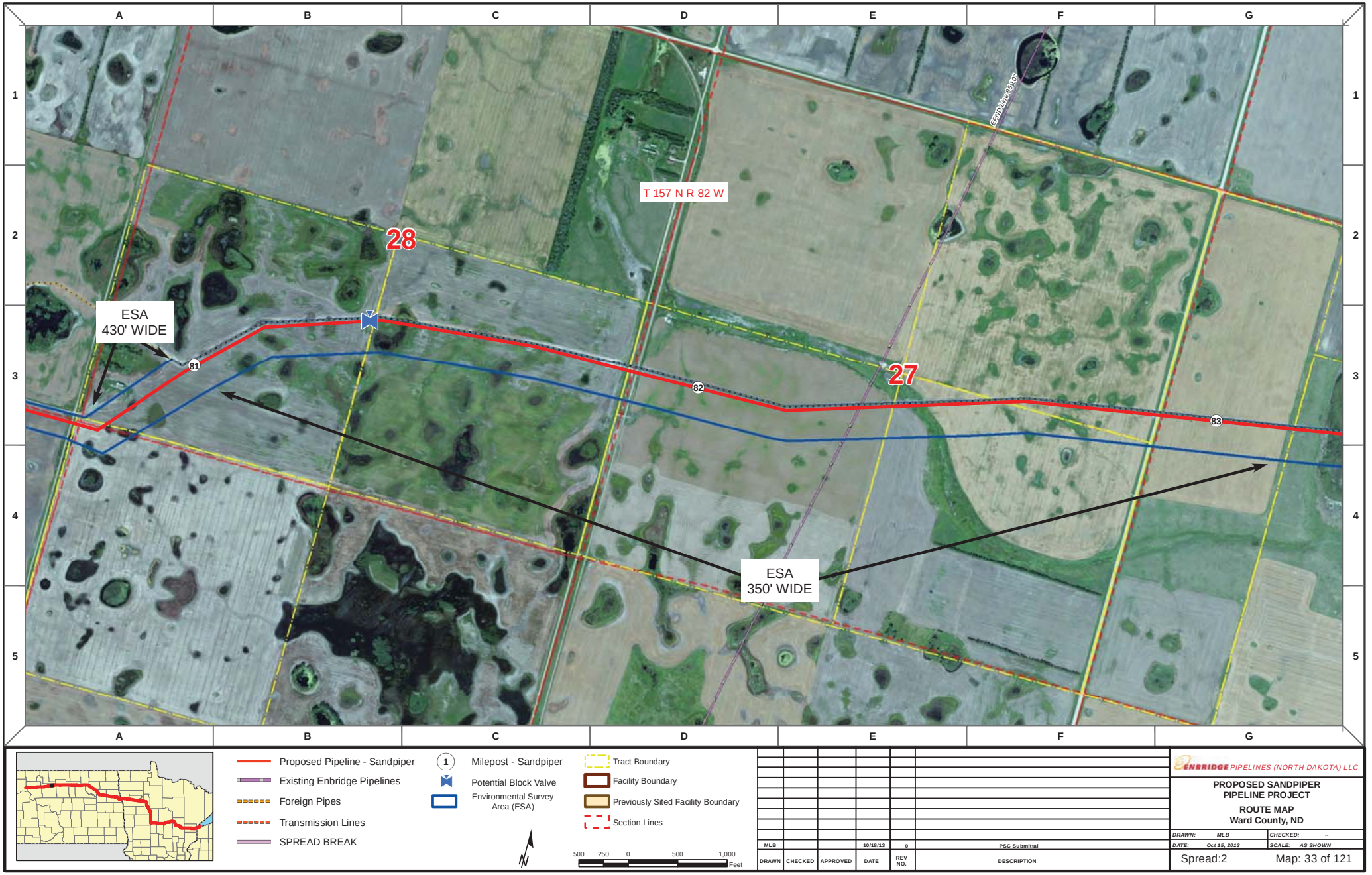
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB | CHECKED: --
DATE: Oct 15, 2013 | SCALE: AS SHOWN

Spread:1-2 Map: 32 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

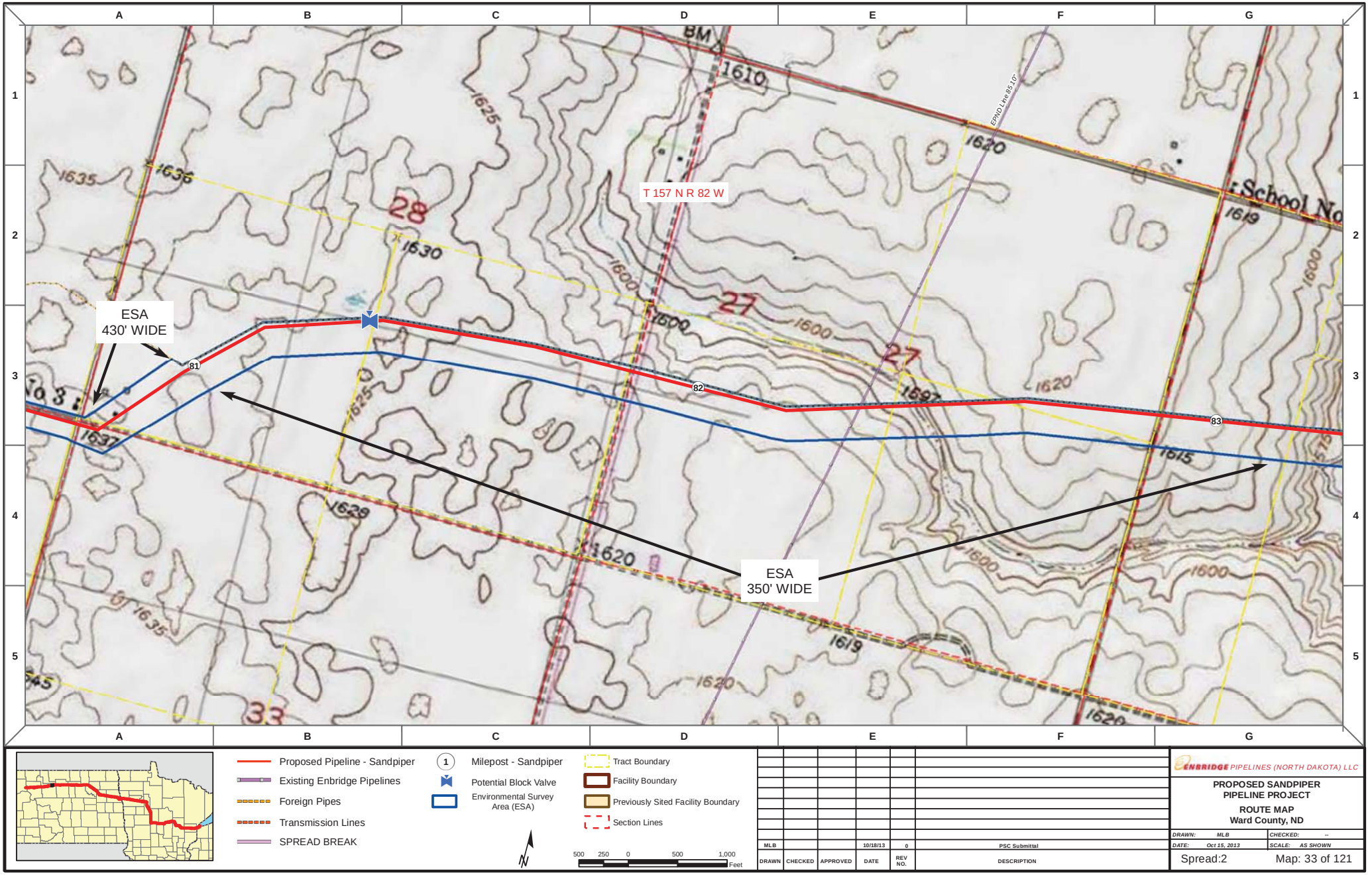
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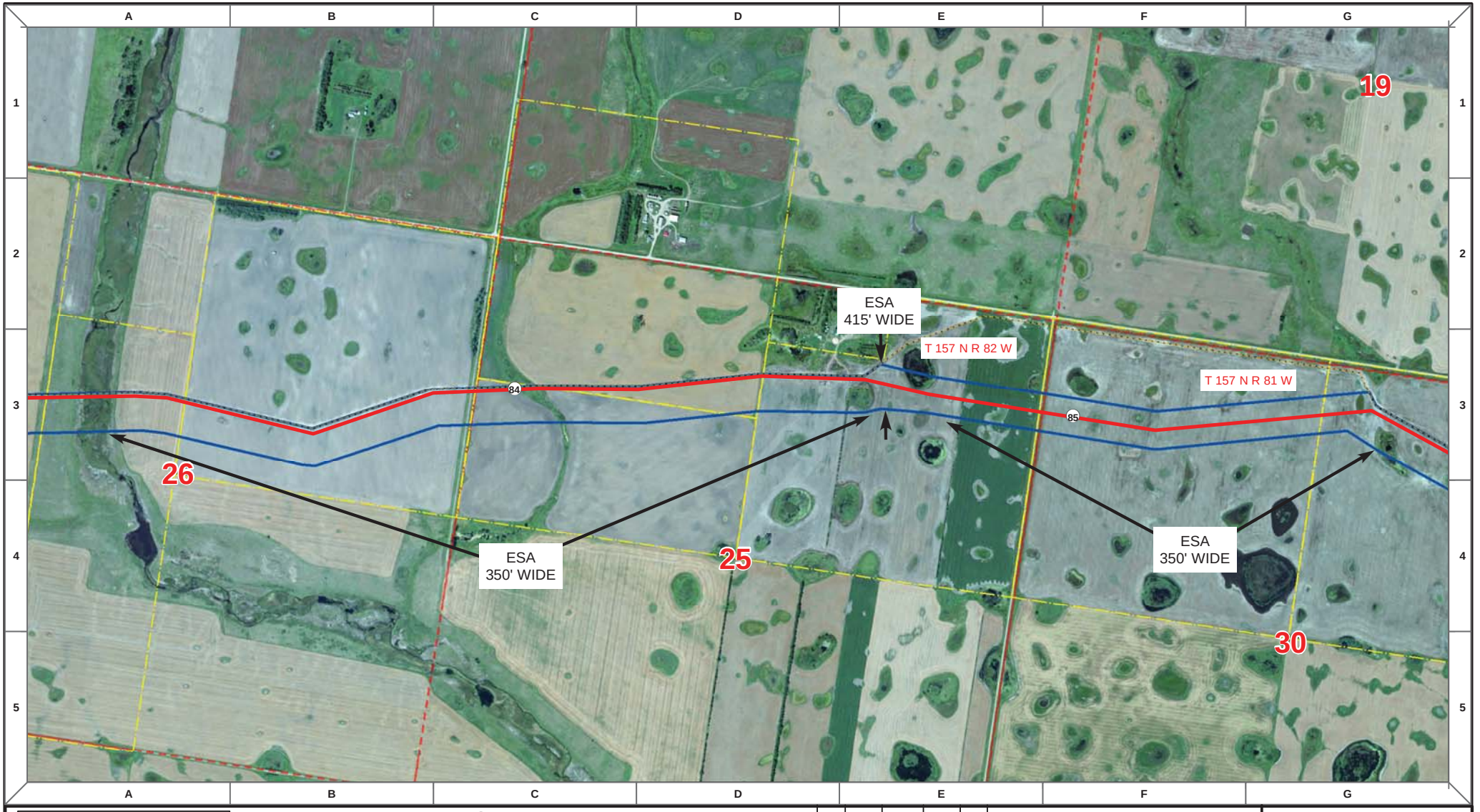
PROPOSED SANDPIPER PIPELINE PROJECT

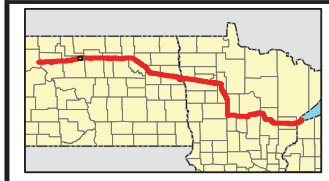
ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 33 of 121


T 157 N R 82 W
ESA
430' WIDE
ESA
350' WIDE
81
82
83
28
27
33
BM
1610
1620
1625
1630
1635
1636
1600
1615
1619
1629
1637
EPND Line 85 10"
Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK
Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)
Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines
500 250 0 500 1,000
Feet
N
MLB
10/18/13
0
PSC Submittal
DRAWN
CHECKED
APPROVED
DATE
REV NO.
DESCRIPTION
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC
PROPOSED SANDPIPER PIPELINE PROJECT
ROUTE MAP
Ward County, ND
DRAWN: MLB
CHECKED: --
DATE: Oct 15, 2013
SCALE: AS SHOWN
Spread:2
Map: 33 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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MLB			10/18/13	0	PSC Submittal

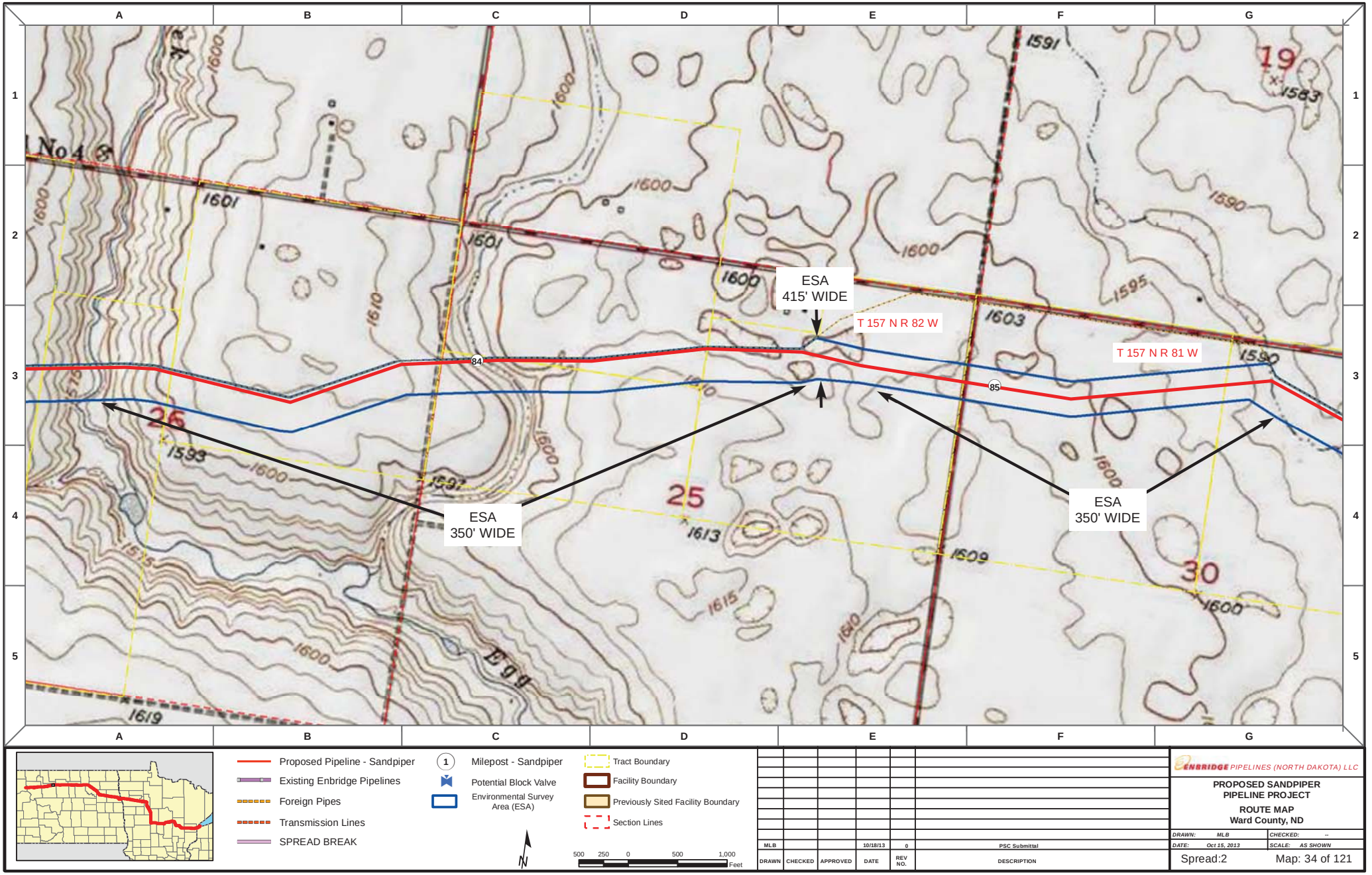
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 34 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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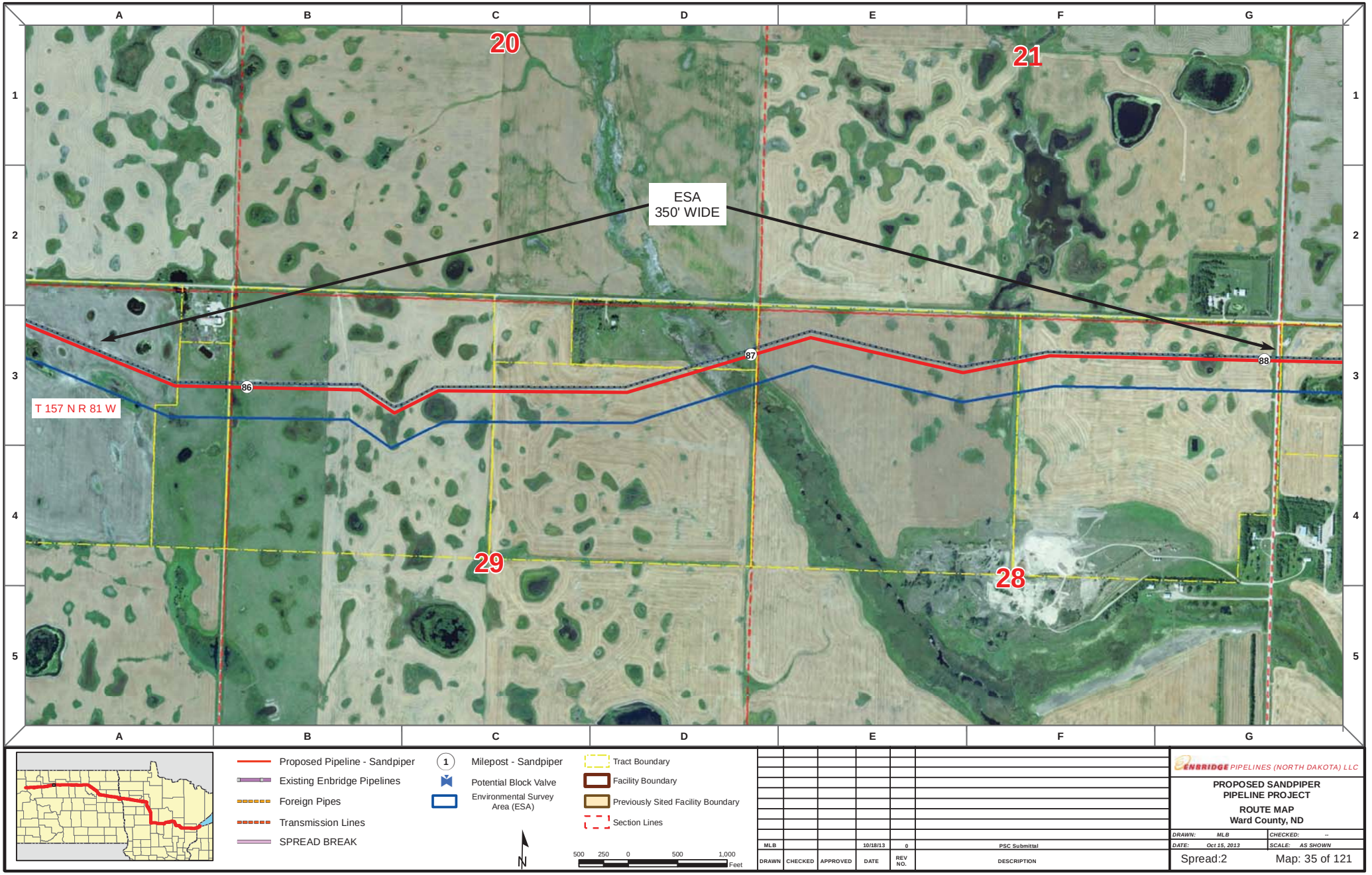
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 34 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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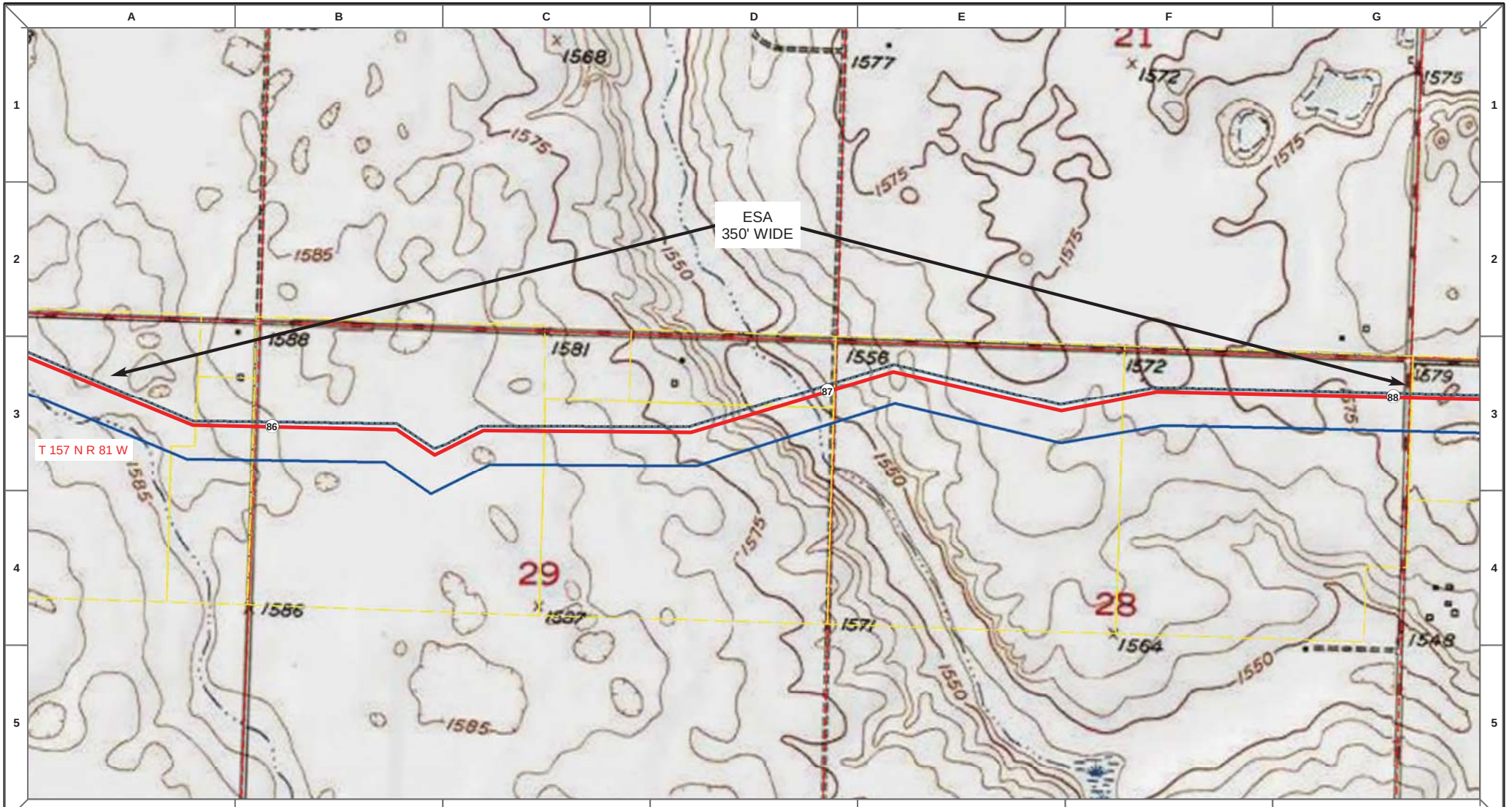
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 35 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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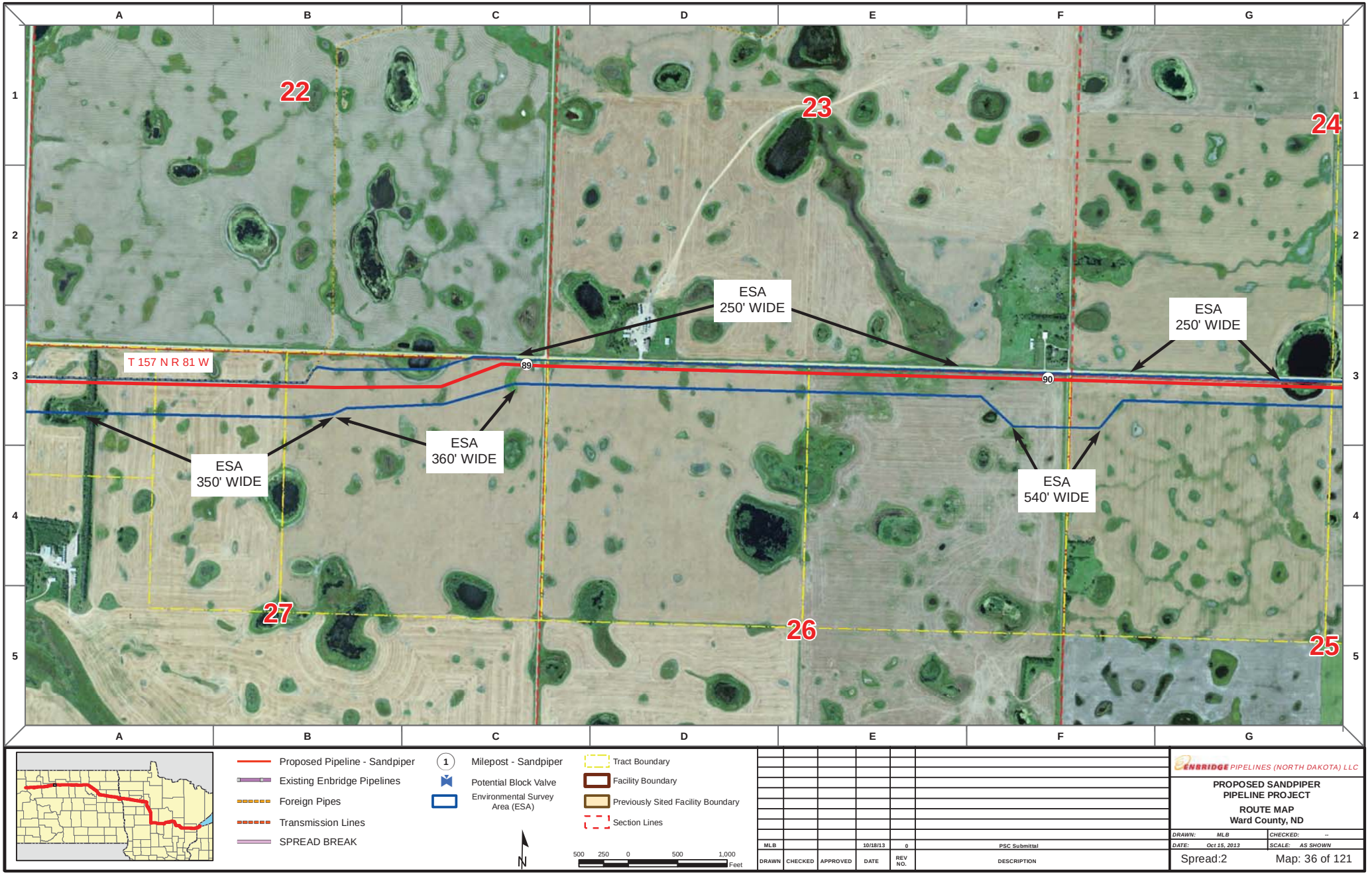
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB | CHECKED: --
DATE: Oct 15, 2013 | SCALE: AS SHOWN

Spread:2 Map: 35 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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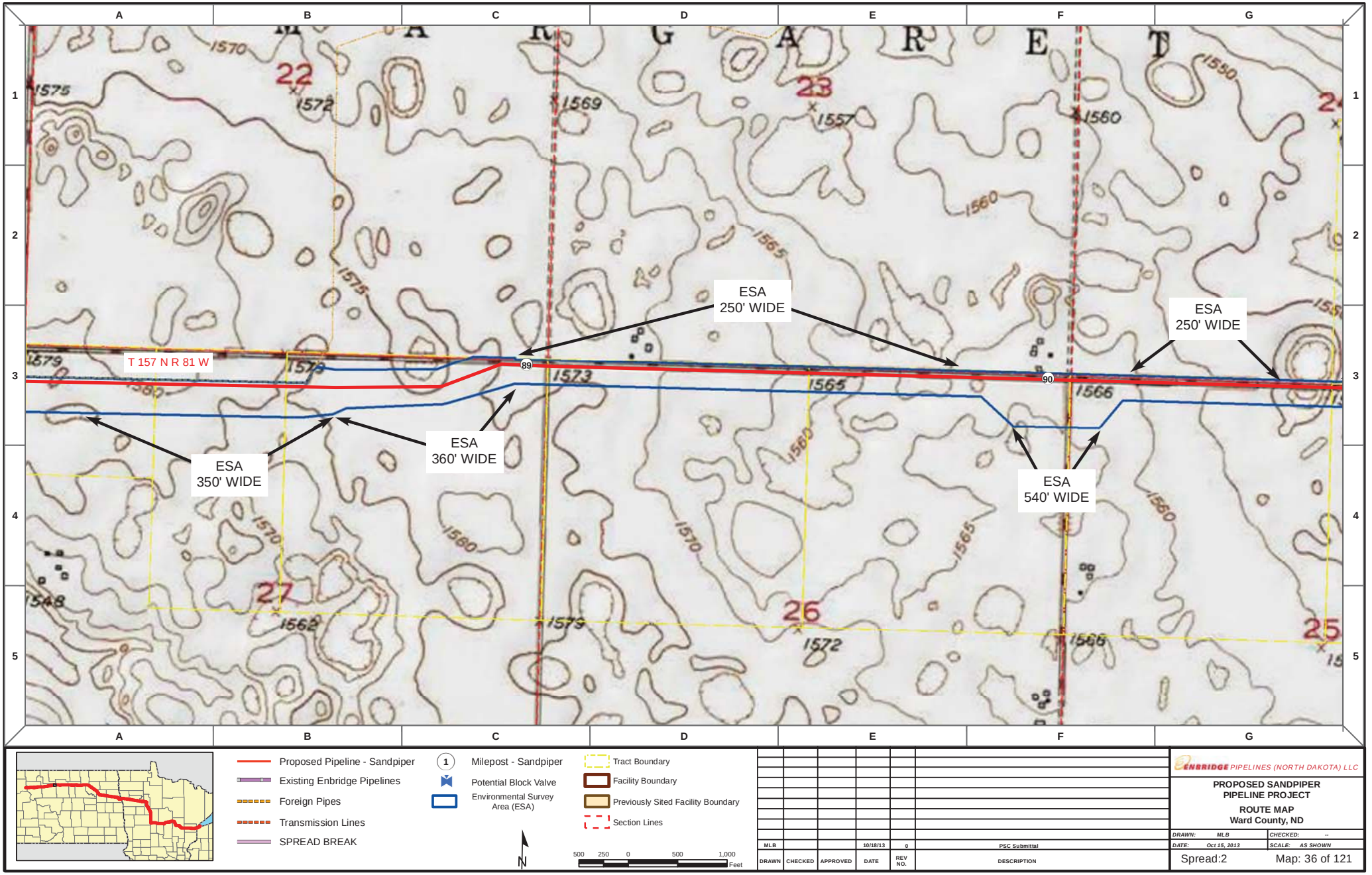
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:2 Map: 36 of 121



DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

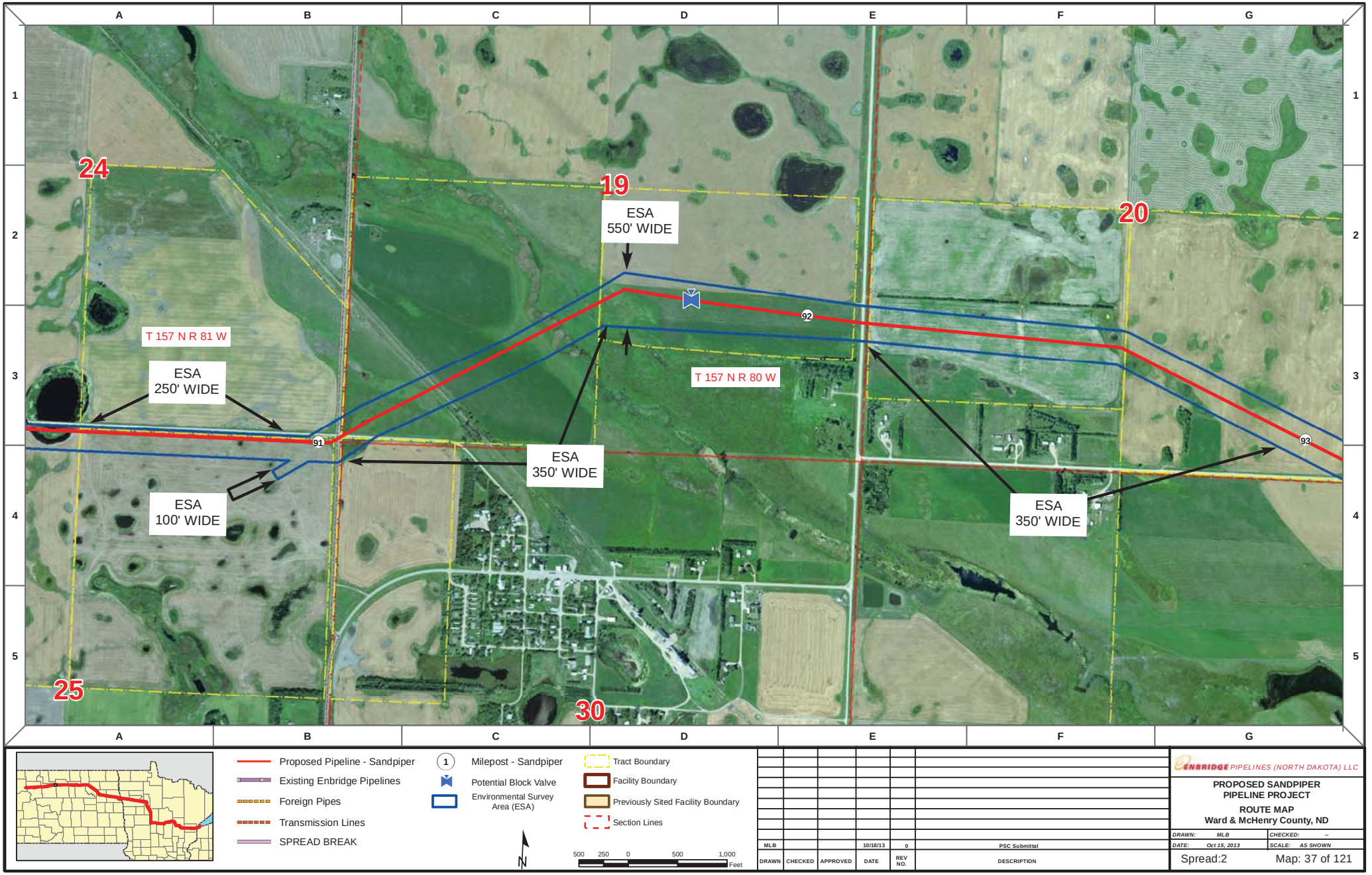
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward County, ND

DRAWN: MLB | CHECKED: --
DATE: Oct 15, 2013 | SCALE: AS SHOWN

Spread:2 | Map: 36 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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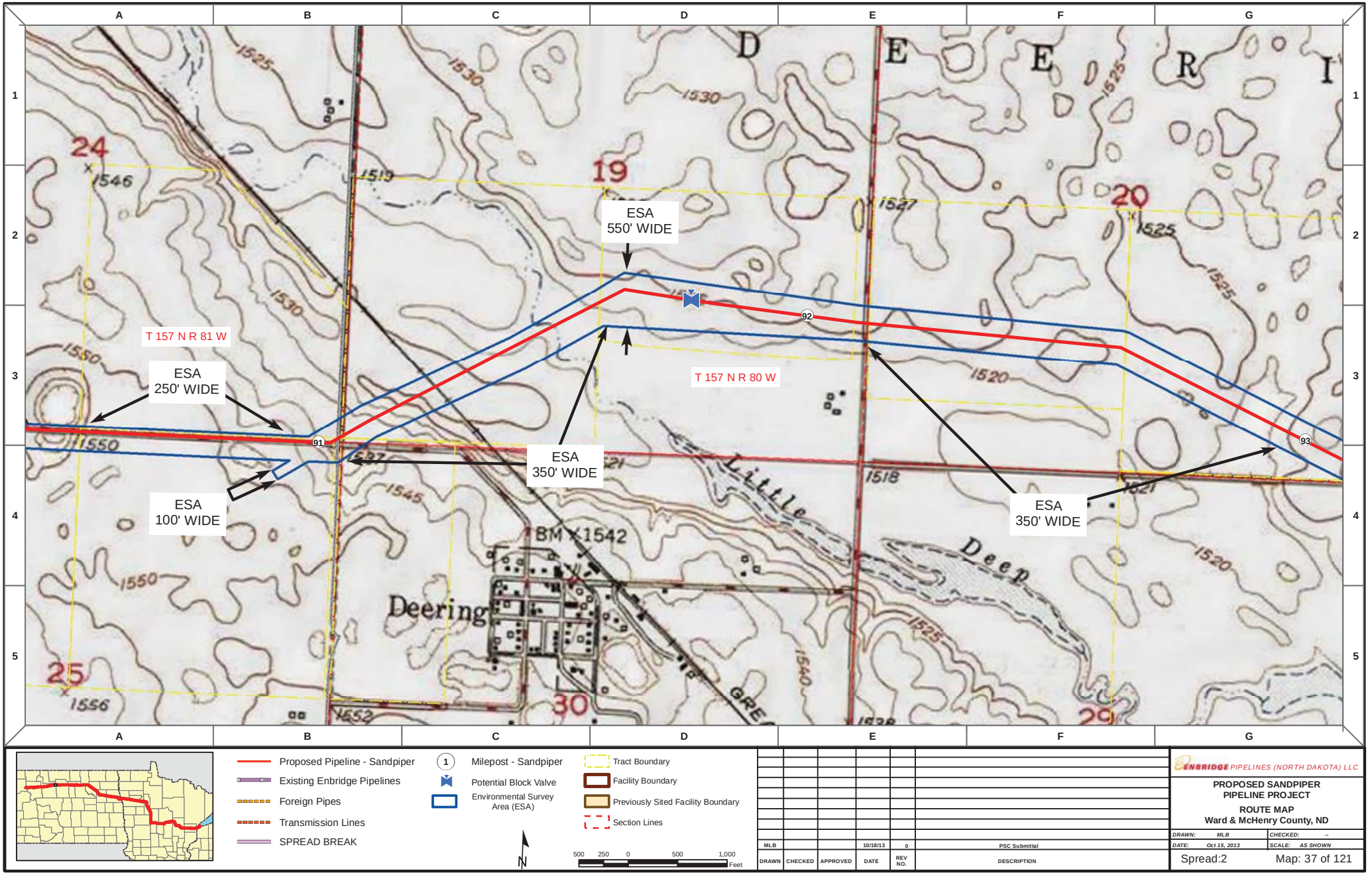
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward & McHenry County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:2 Map: 37 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

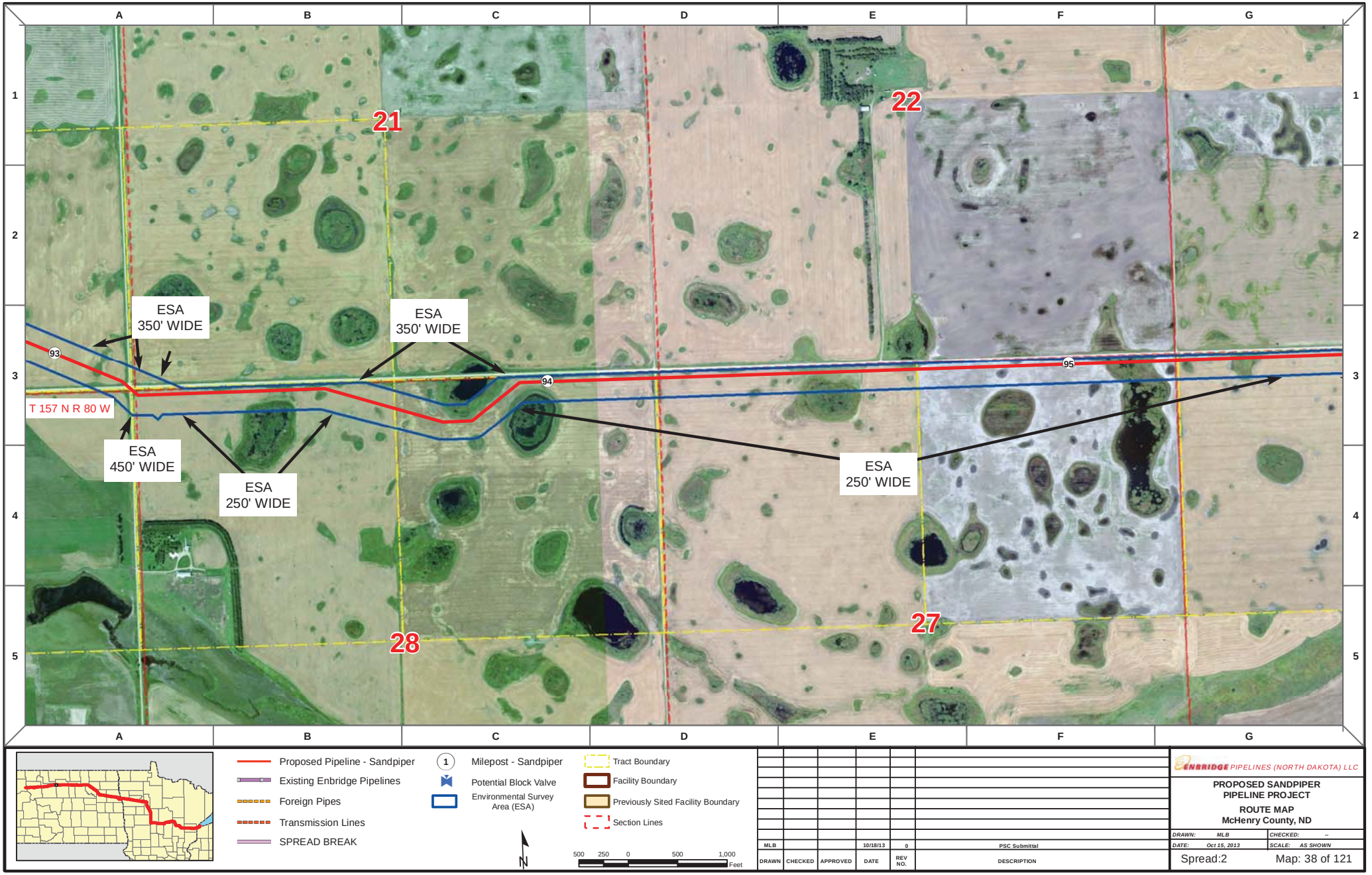
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ward & McHenry County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 37 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
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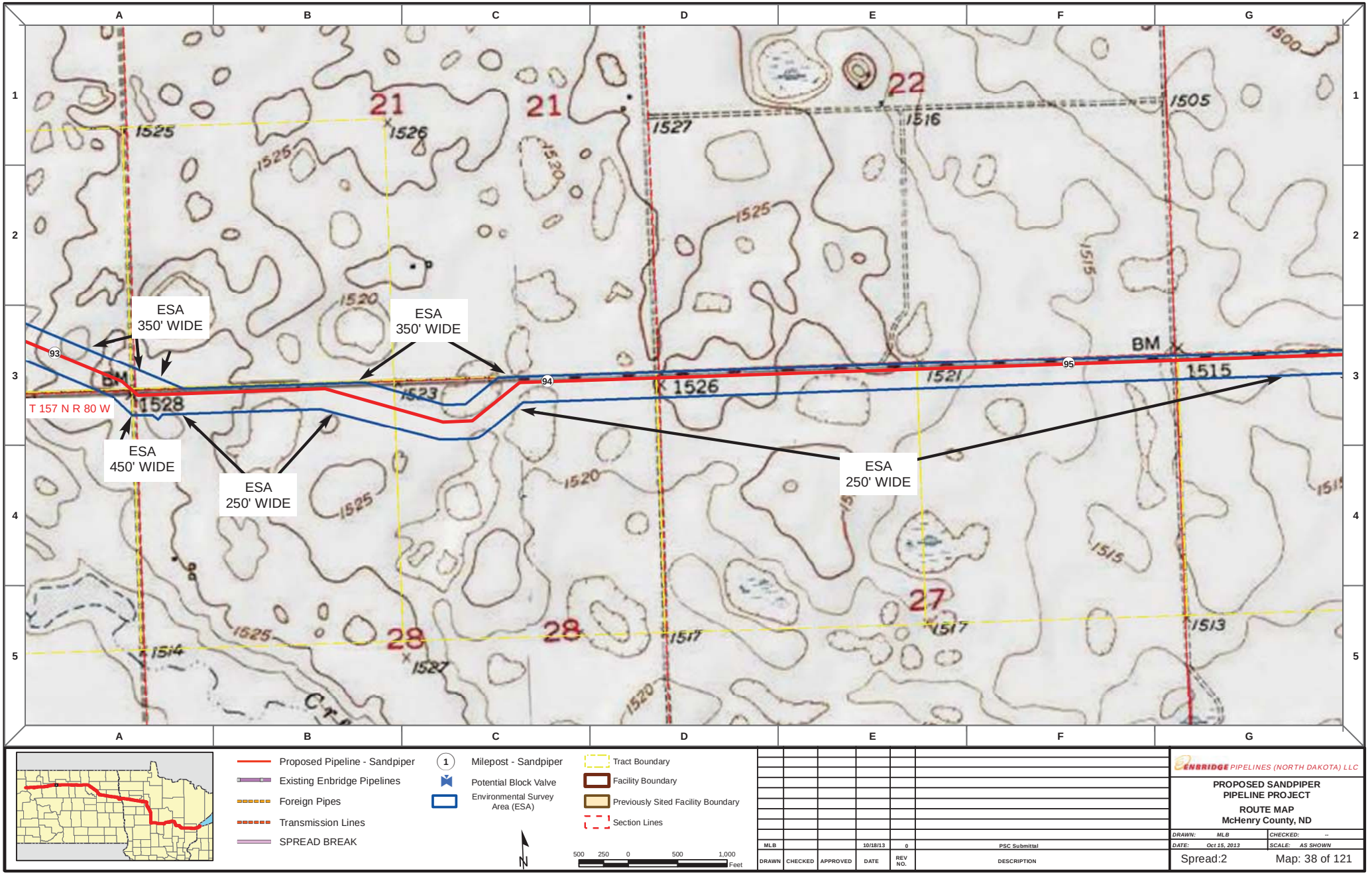
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

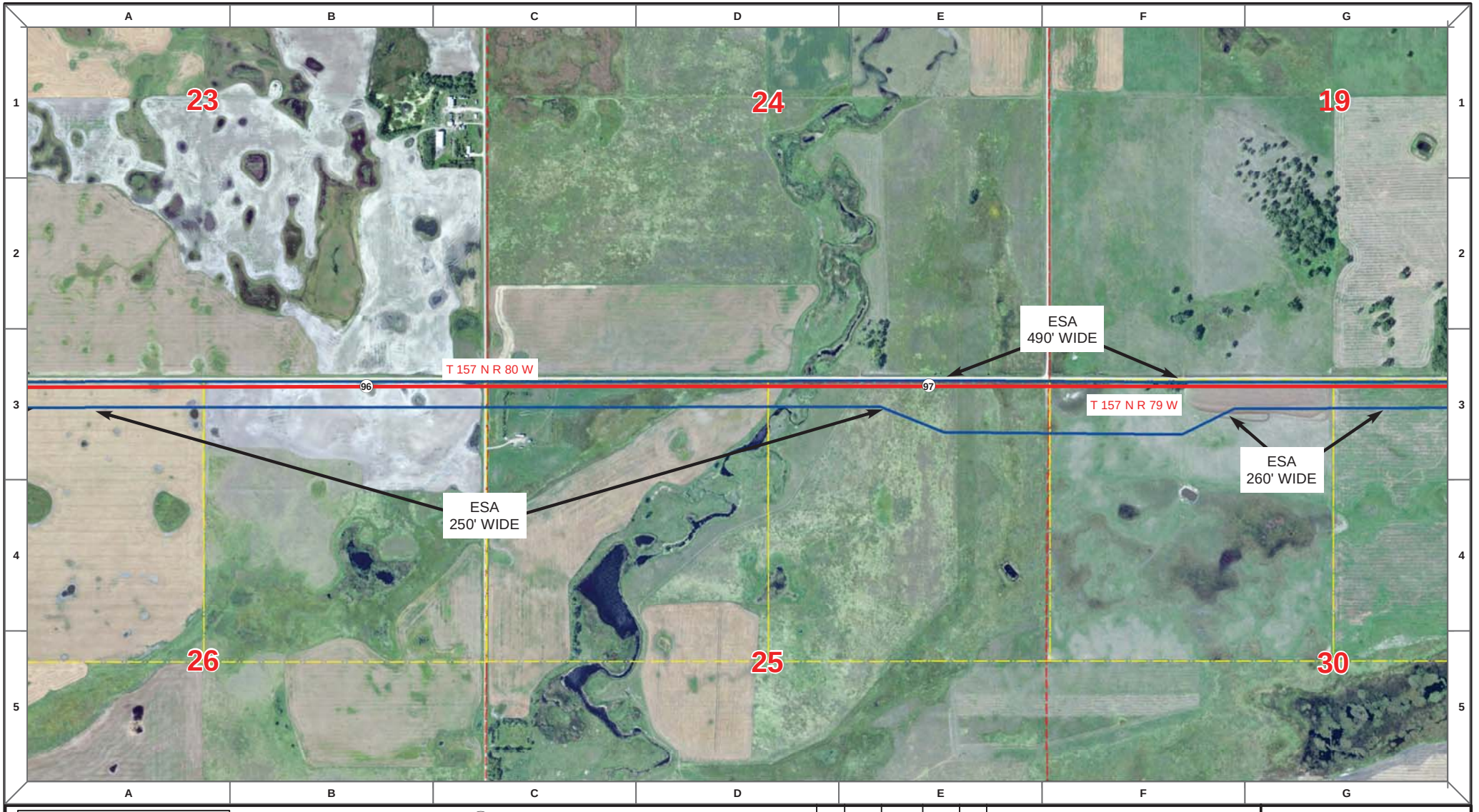
PROPOSED SANDPIPER PIPELINE PROJECT

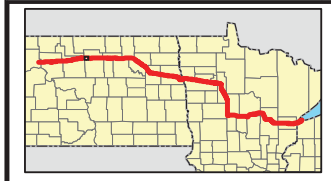
ROUTE MAP
McHenry County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 38 of 121


A
B
C
D
E
F
G
1
2
3
4
5
ESA
350' WIDE
ESA
350' WIDE
ESA
450' WIDE
ESA
250' WIDE
ESA
250' WIDE
T 157 N R 80 W
93
94
95
BM
1528
1526
1523
1521
1515
1525
1520
1527
1516
1505
1500
1517
1513
1514
21
22
28
27
Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK
Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)
Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines
N
500 250 0 500 1,000
Feet
MLB
10/18/13
0
PSC Submittal
DRAWN
CHECKED
APPROVED
DATE
REV NO.
DESCRIPTION
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC
PROPOSED SANDPIPER PIPELINE PROJECT
ROUTE MAP
McHenry County, ND
DRAWN: MLB
CHECKED: --
DATE: Oct 15, 2013
SCALE: AS SHOWN
Spread:2
Map: 38 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

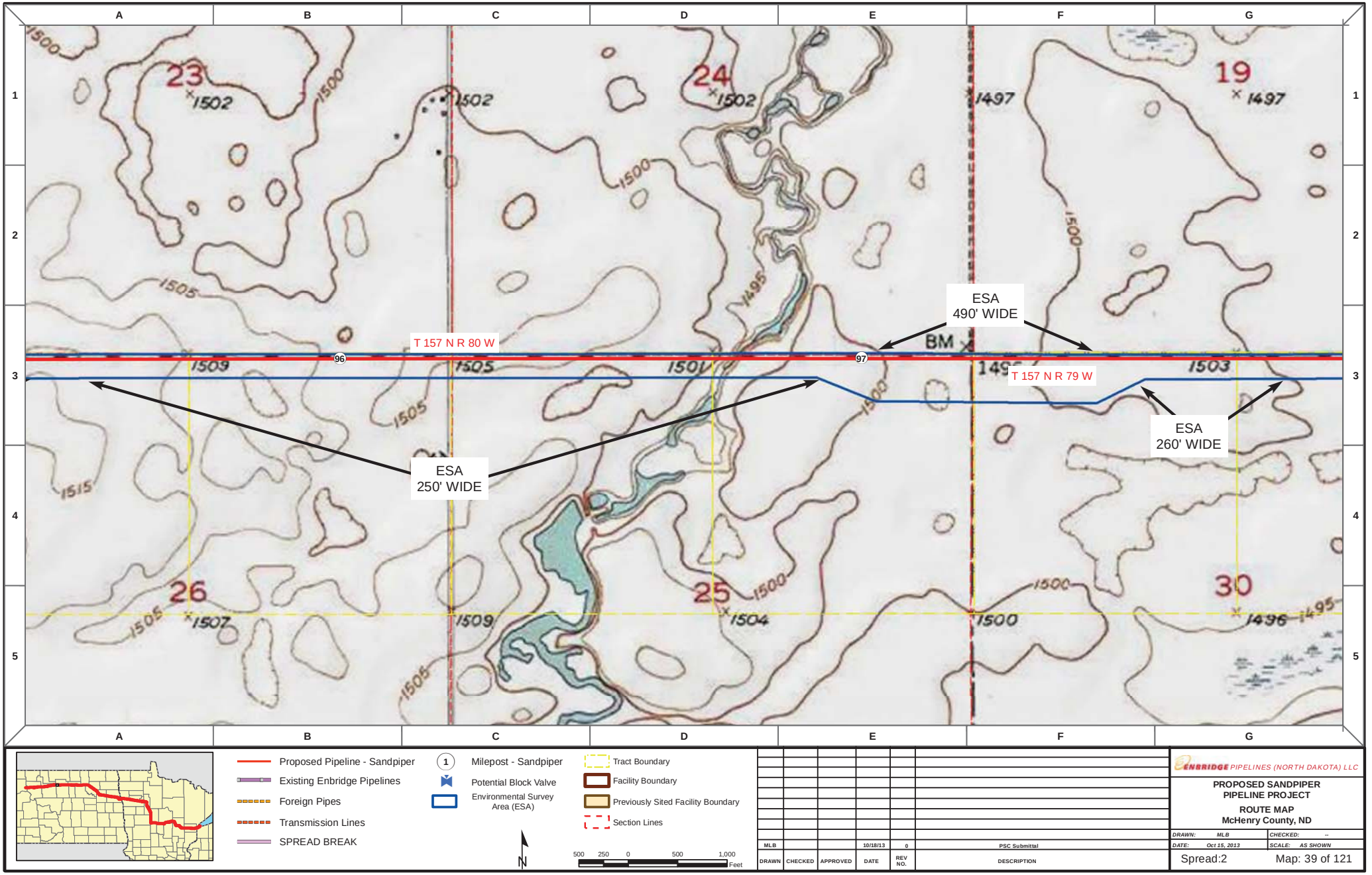
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 39 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
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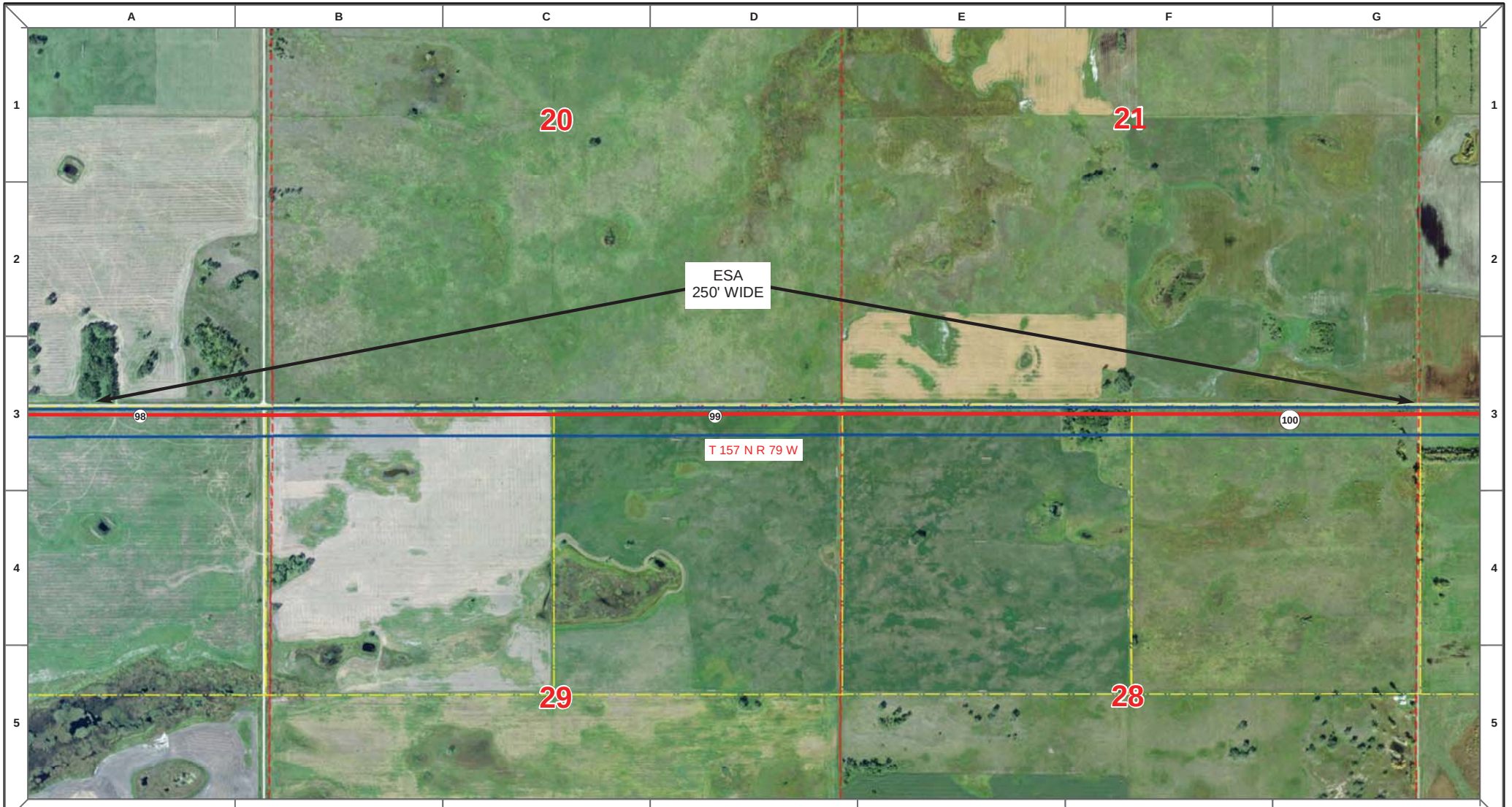
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

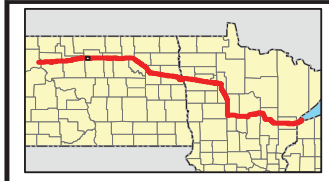
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 39 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
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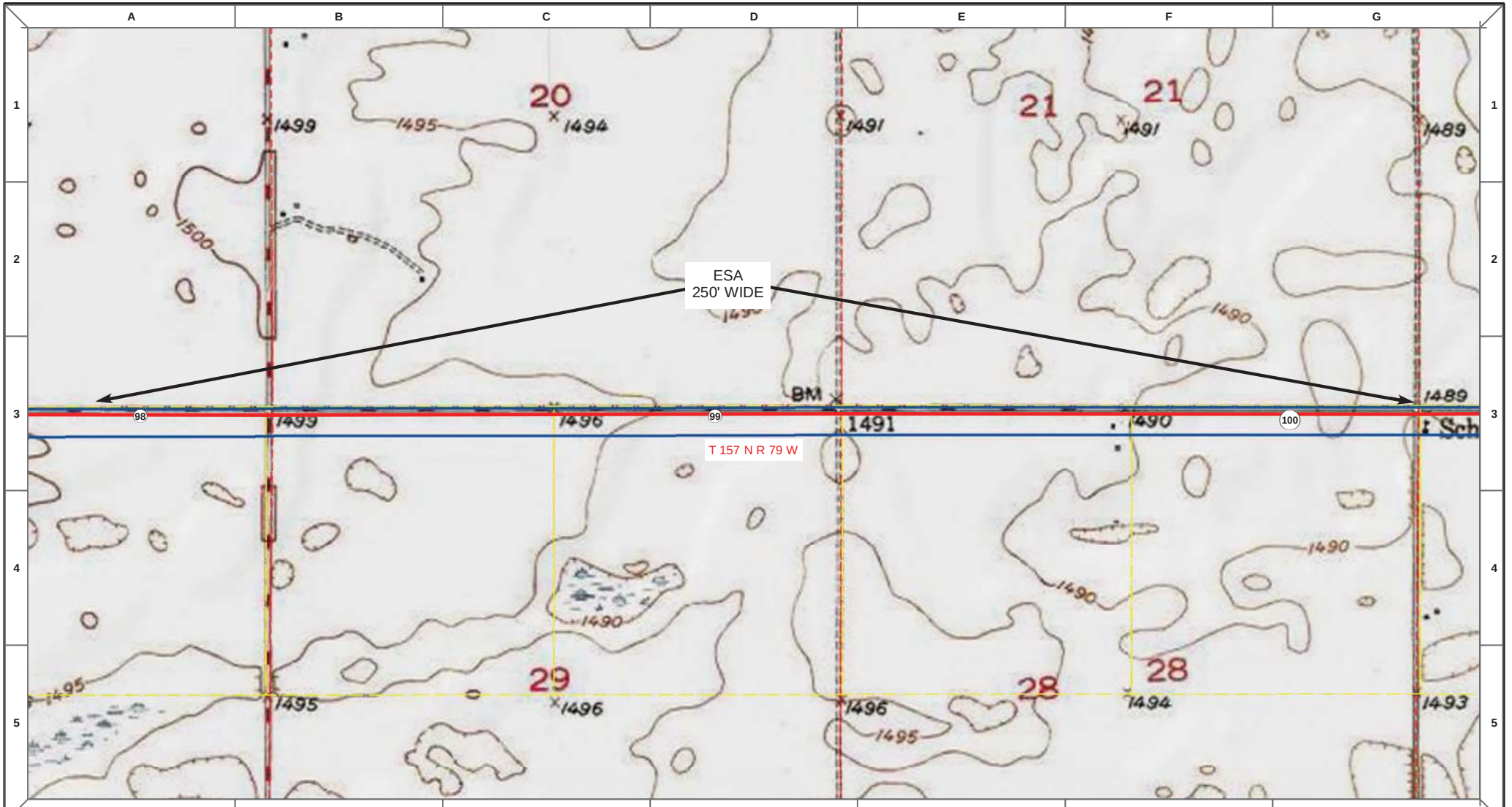
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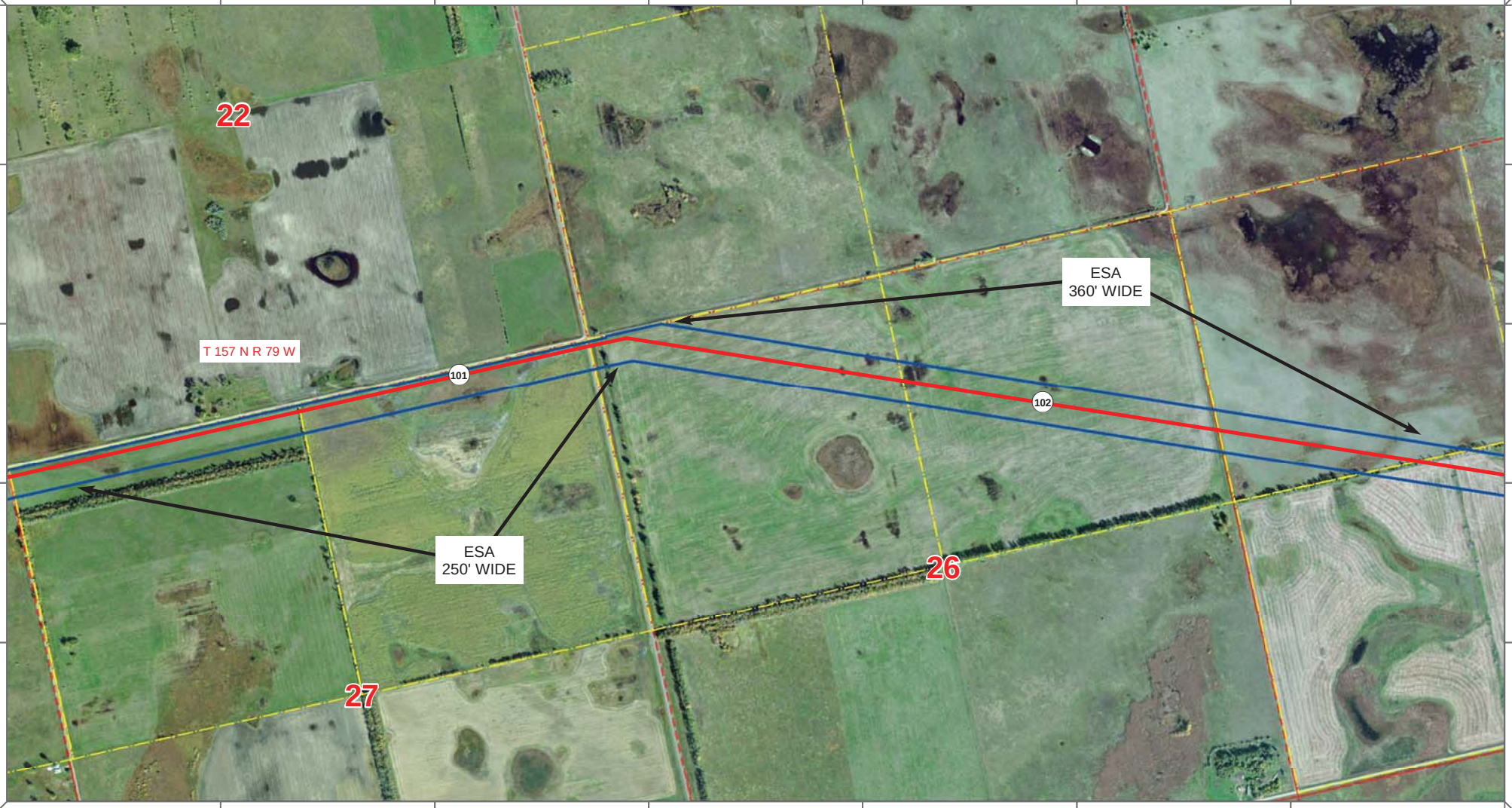
PROPOSED SANDPIPER PIPELINE PROJECT

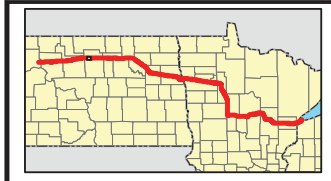
ROUTE MAP
McHenry County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 40 of 121


ESA
250' WIDE
T 157 N R 79 W
98
99
100
BM
20
21
21
29
28
28
1499
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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK
Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)
Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines
N
500 250 0 500 1,000
Feet
MLB
10/18/13
0
PSC Submittal
DRAWN
CHECKED
APPROVED
DATE
REV NO.
DESCRIPTION
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC
PROPOSED SANDPIPER PIPELINE PROJECT
ROUTE MAP
McHenry County, ND
DRAWN: MLB
CHECKED: --
DATE: Oct 15, 2013
SCALE: AS SHOWN
Spread:2
Map: 40 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

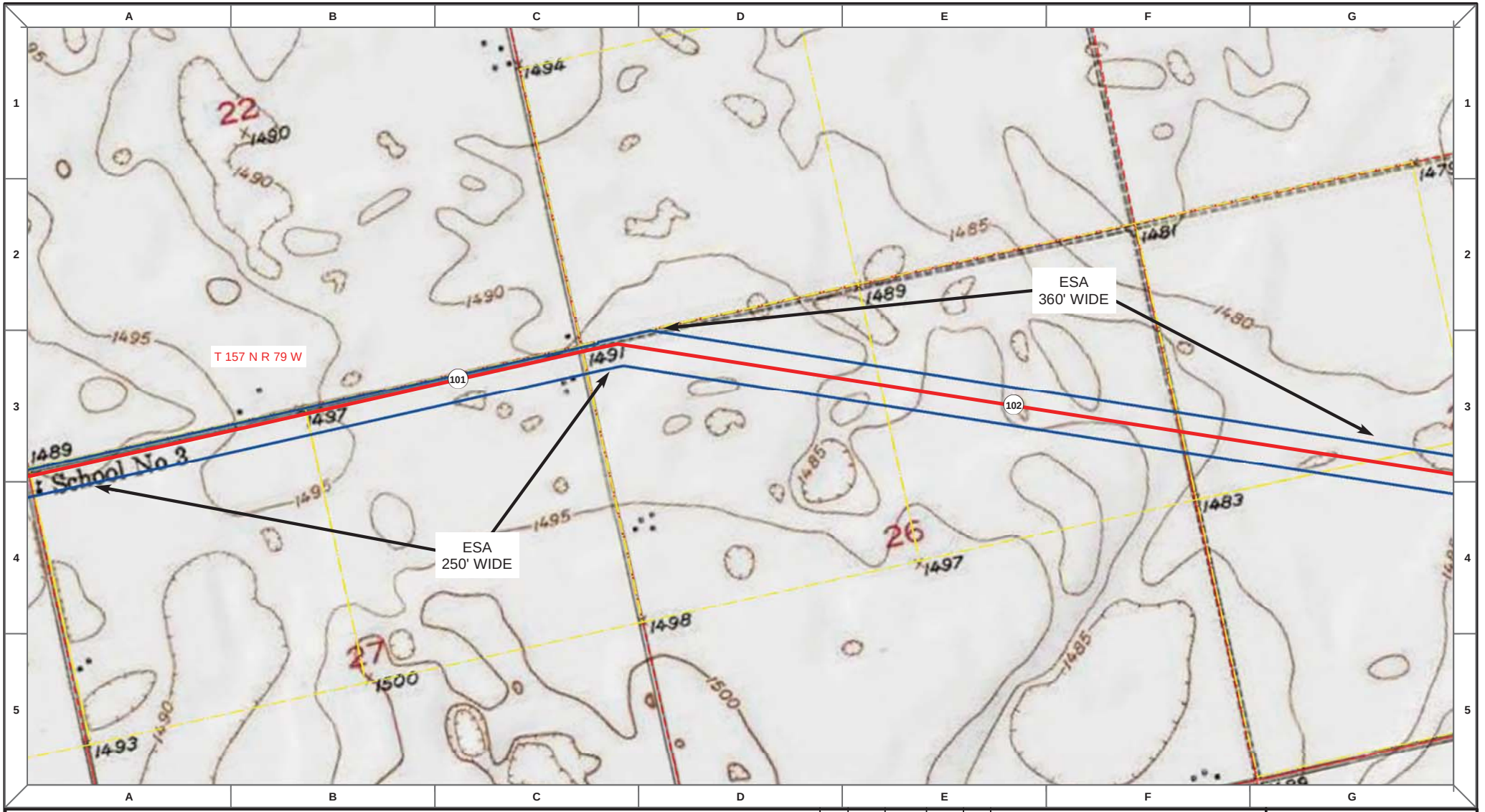
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 41 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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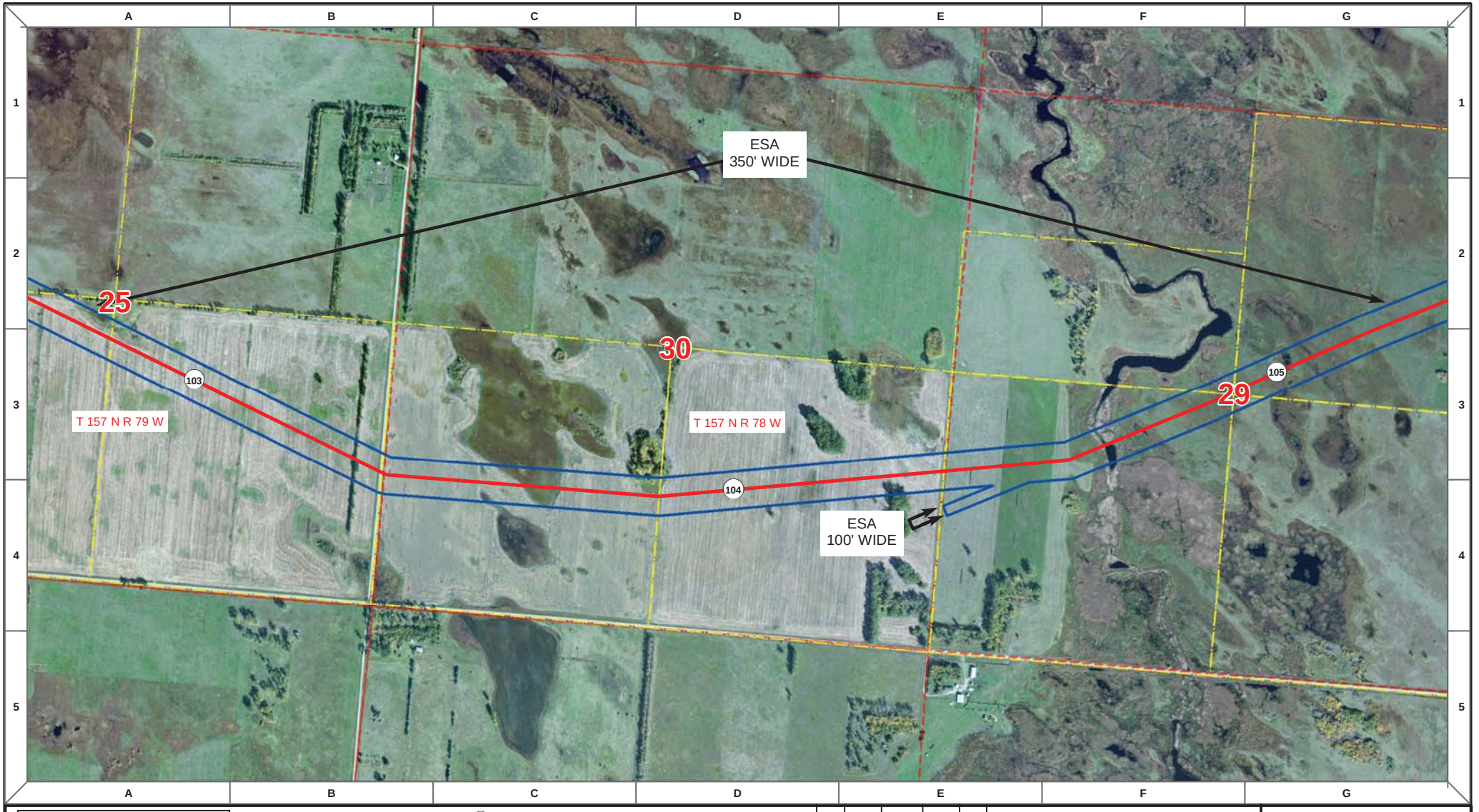
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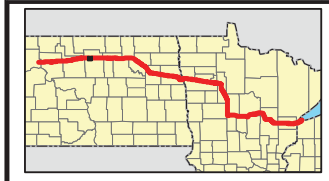
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 41 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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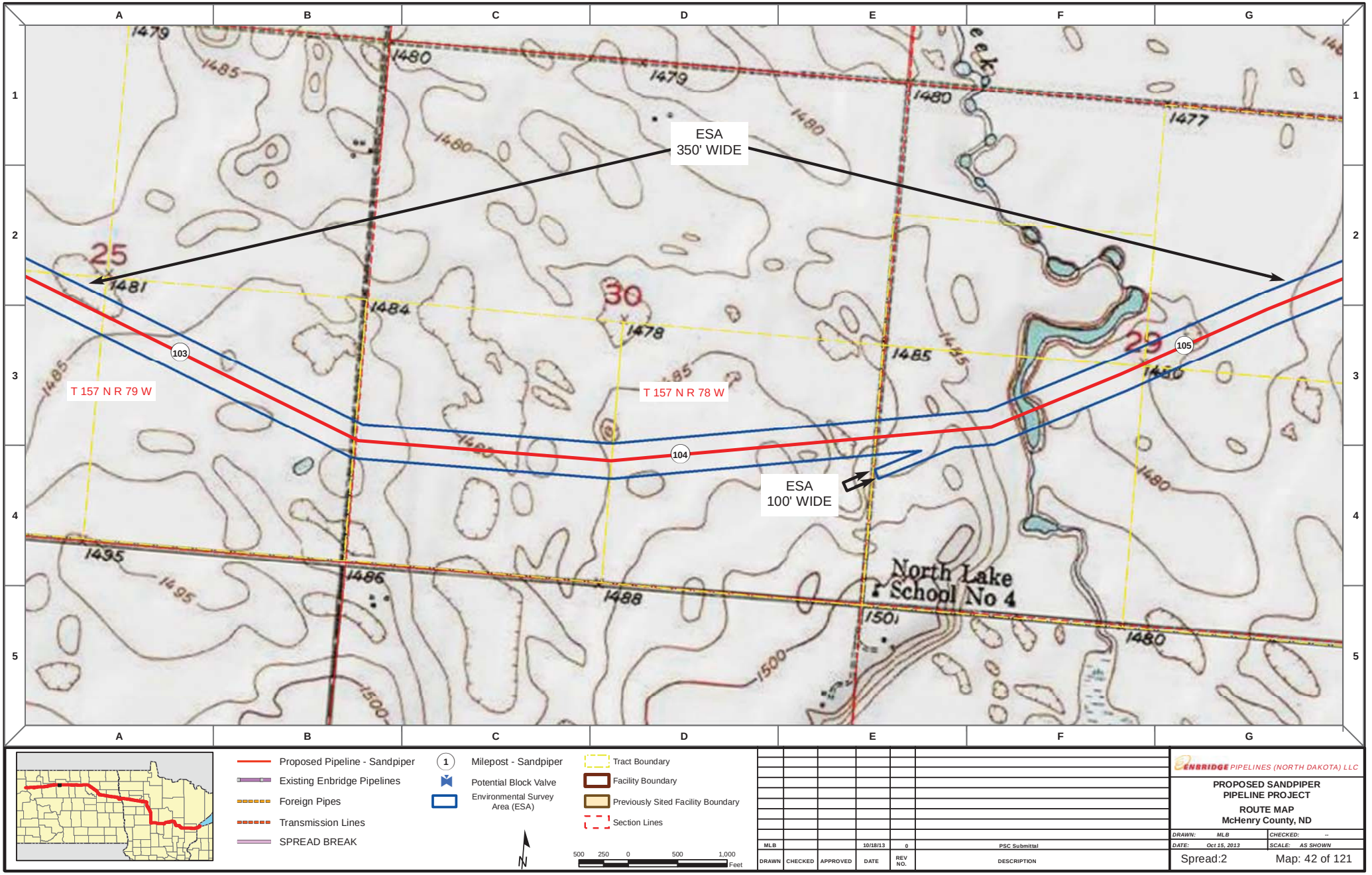
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 42 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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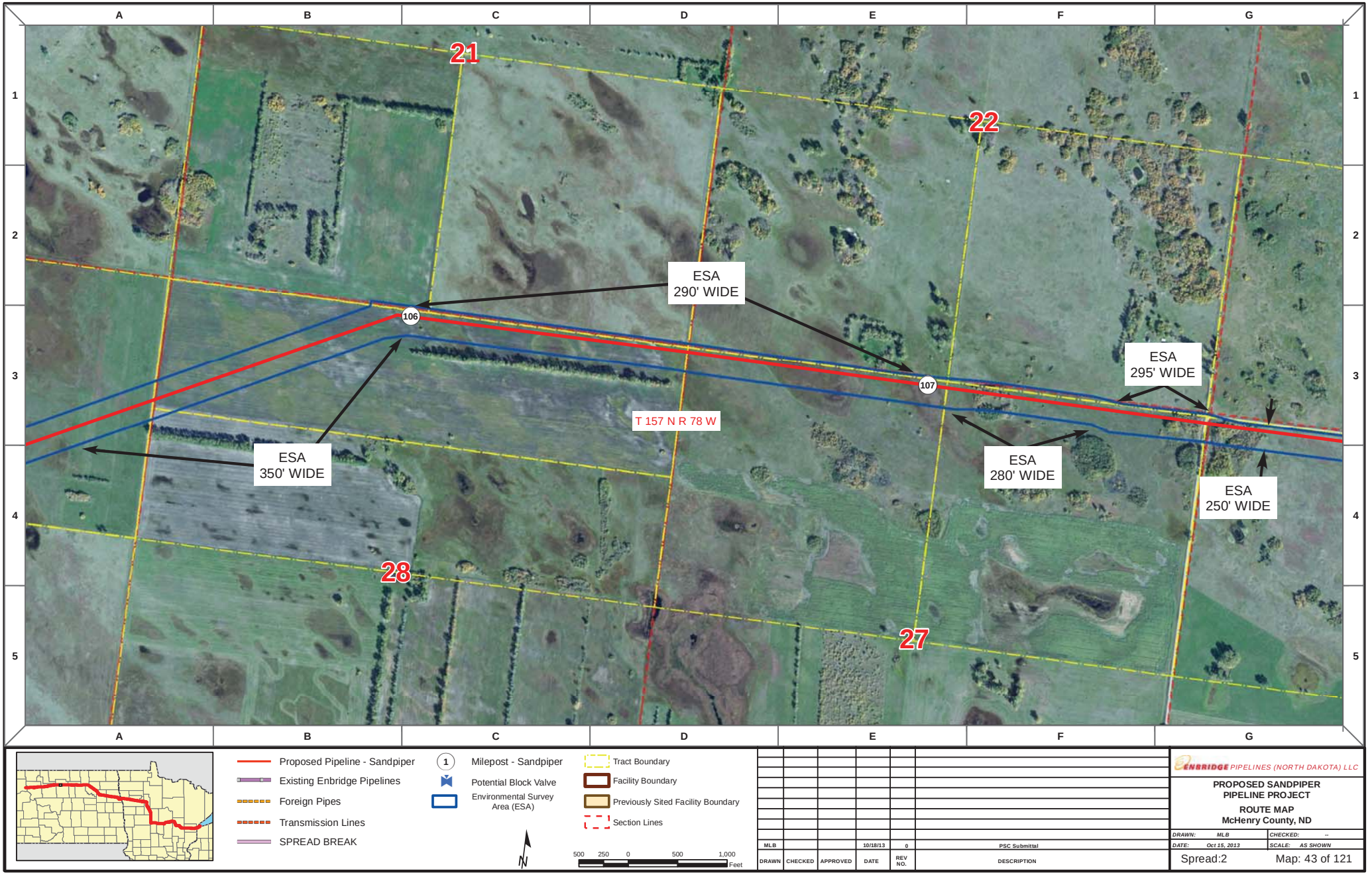
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 42 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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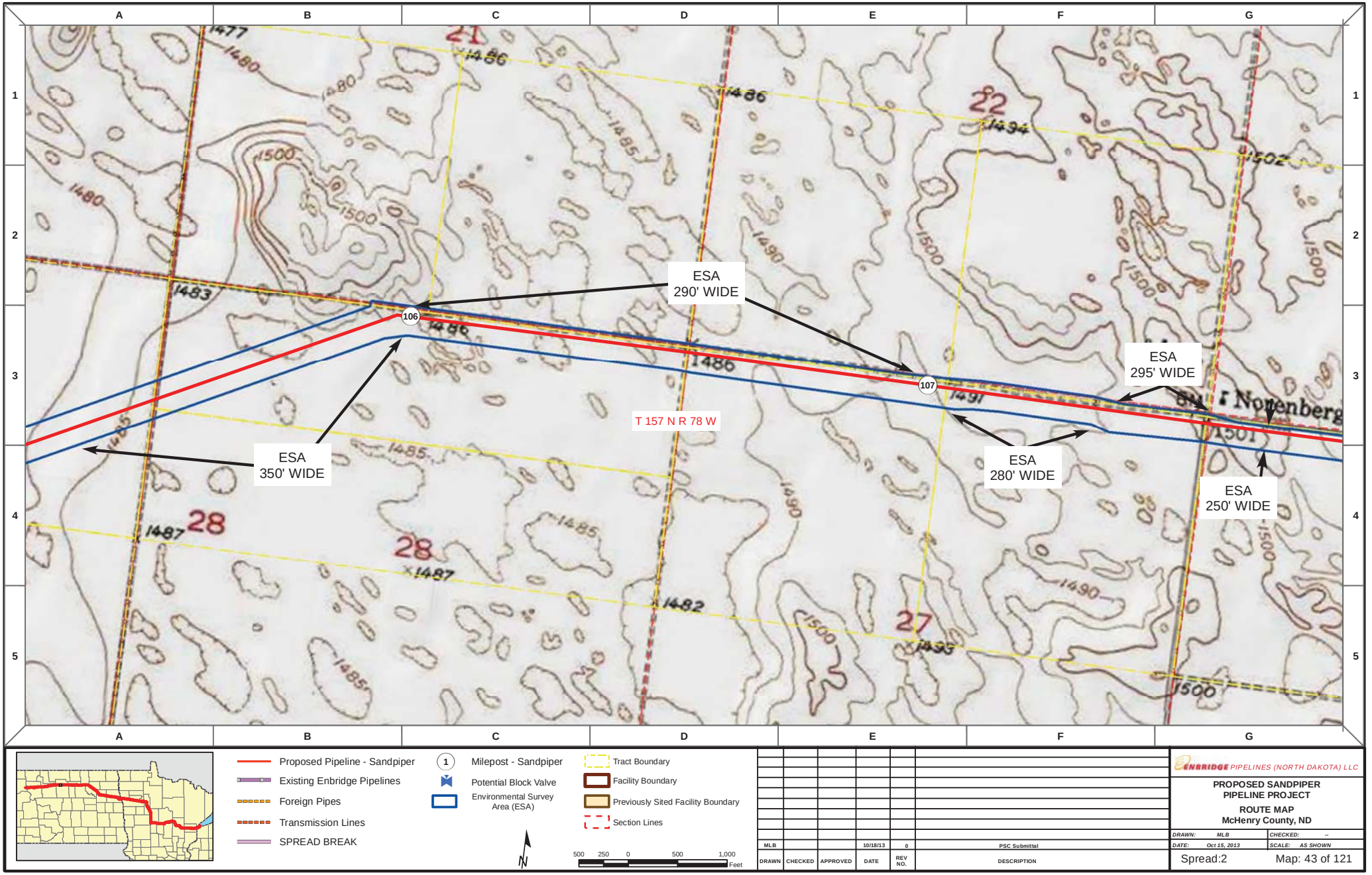
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 43 of 121



DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

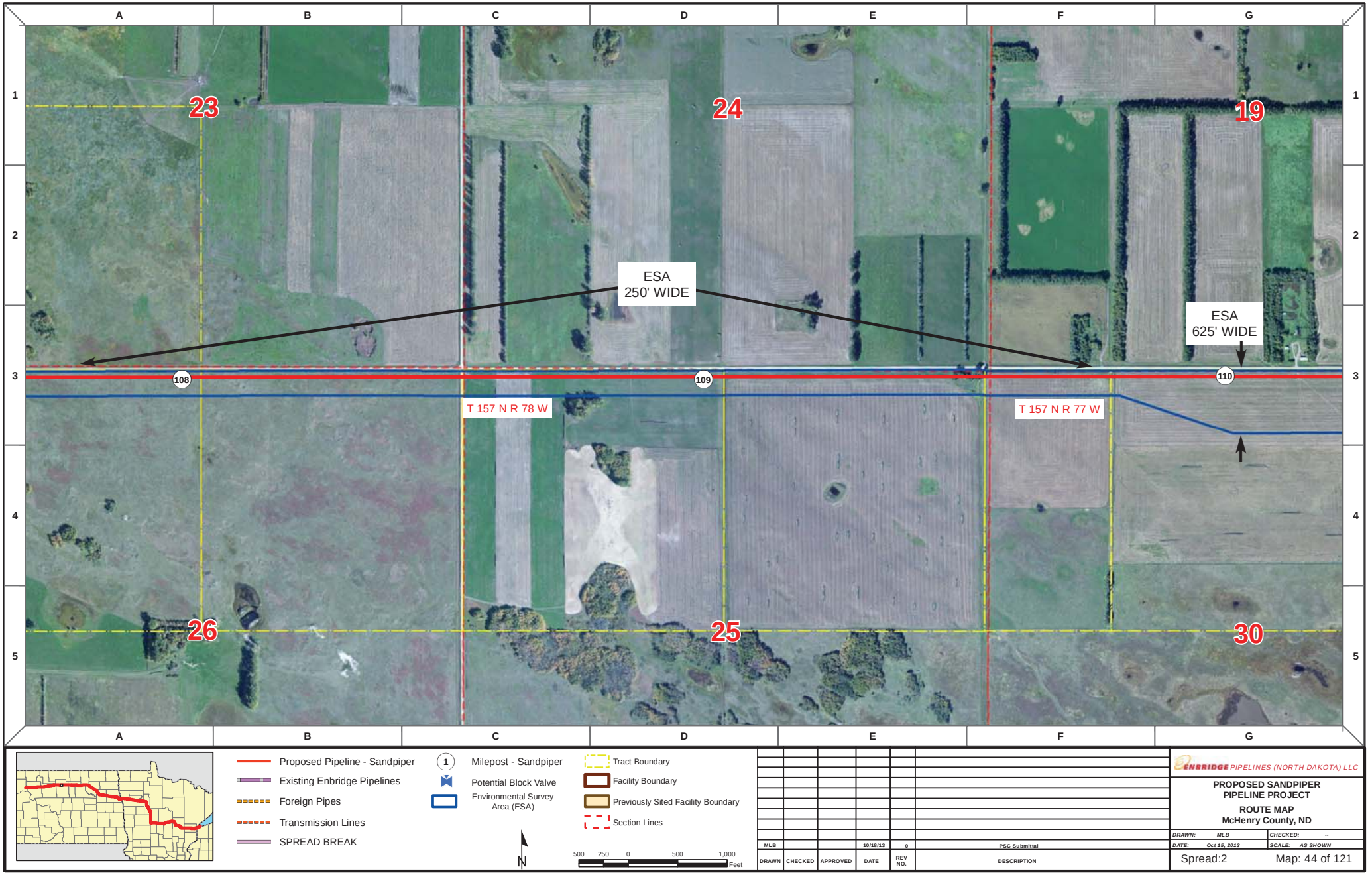
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:2 Map: 43 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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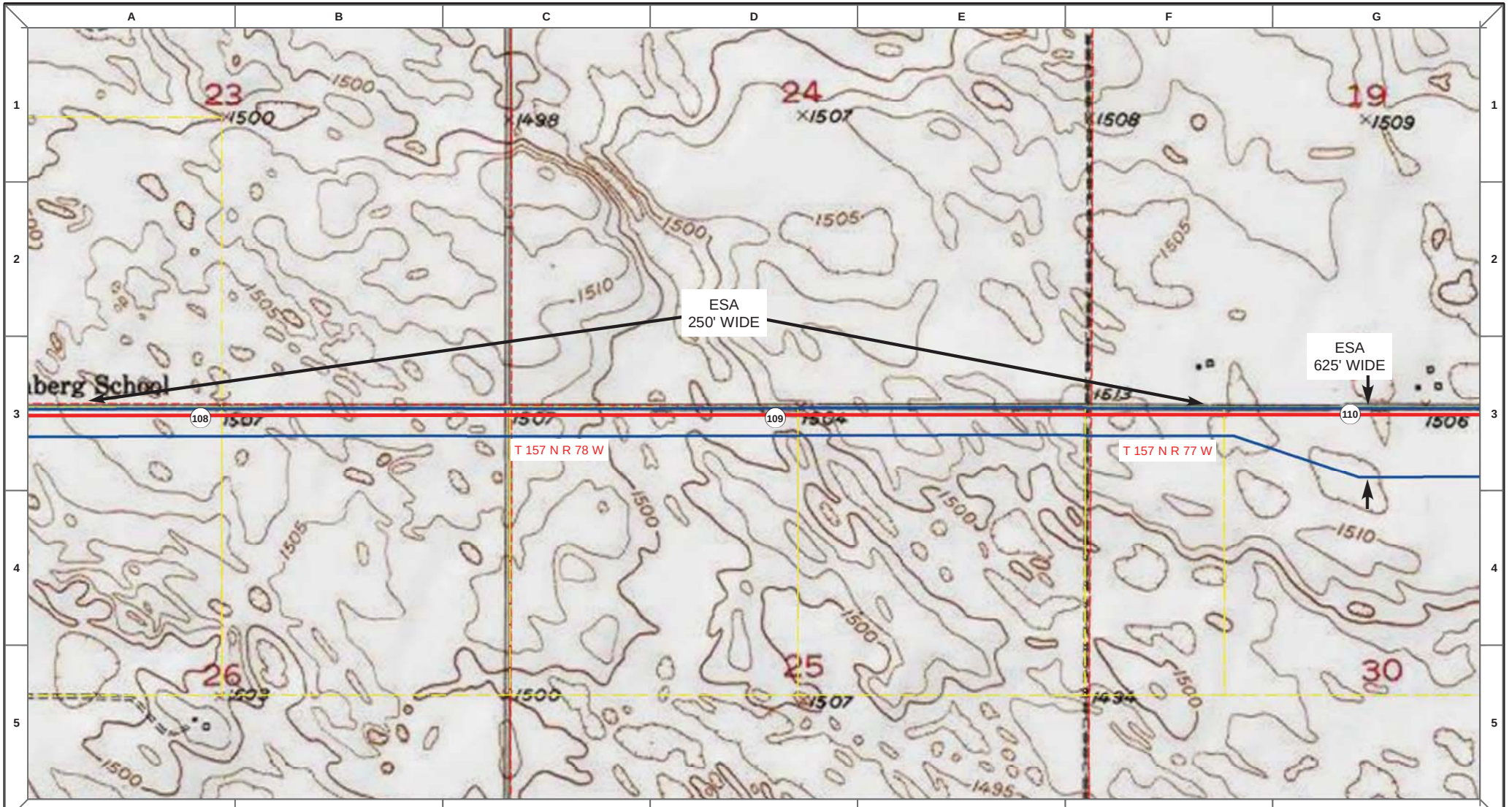
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 44 of 121



DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
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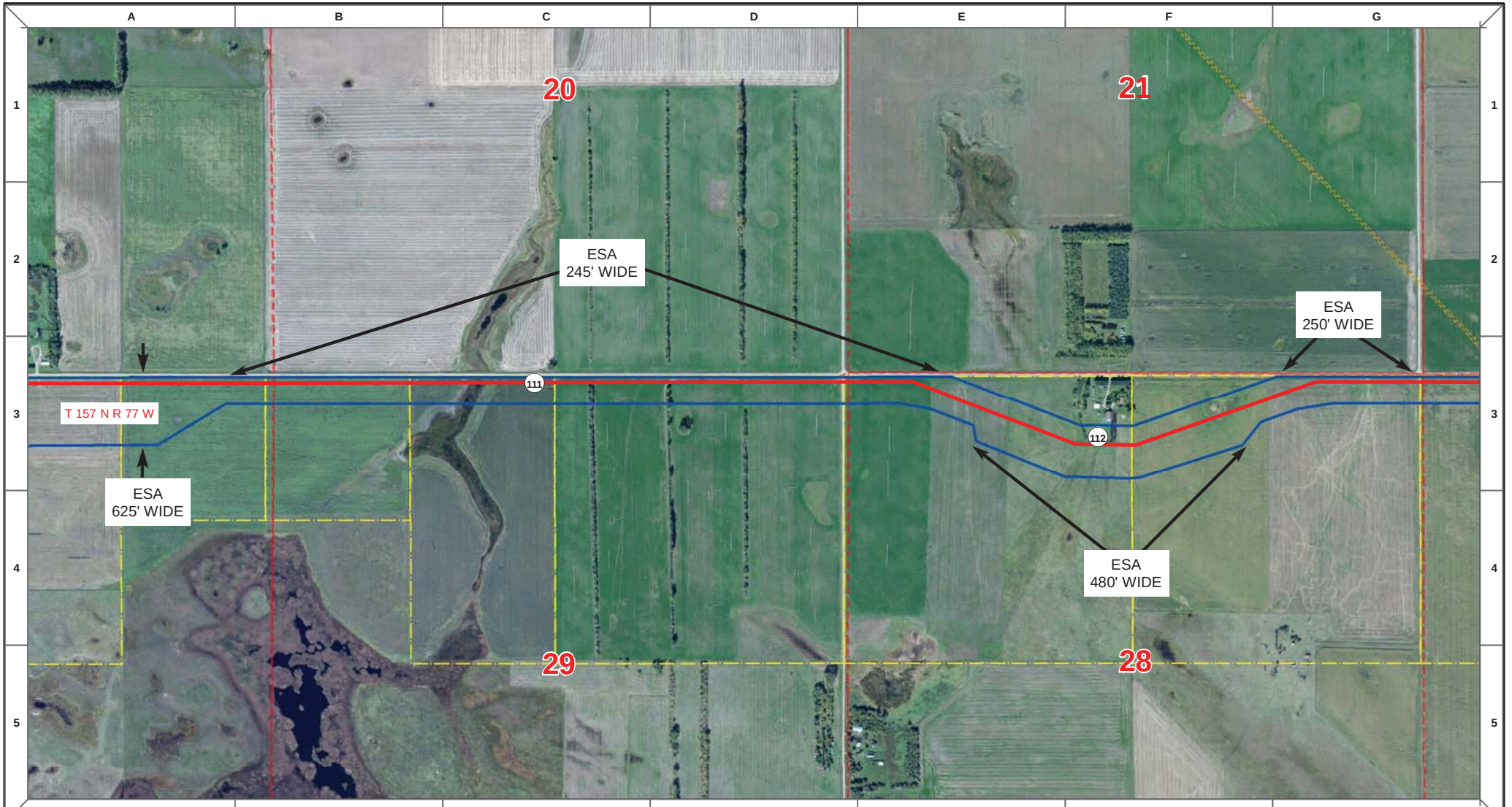
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

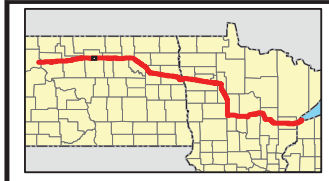
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:2 Map: 44 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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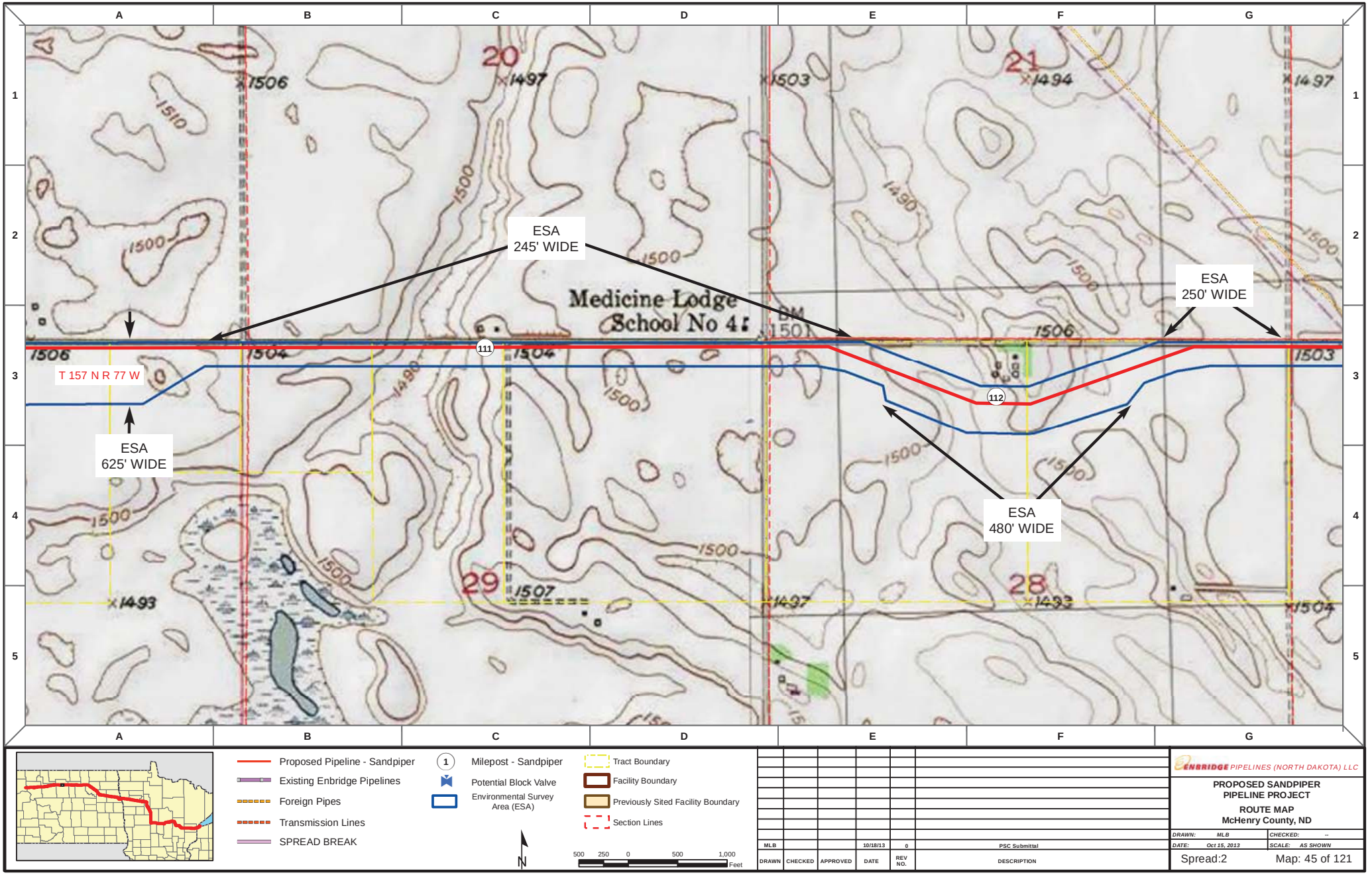
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 45 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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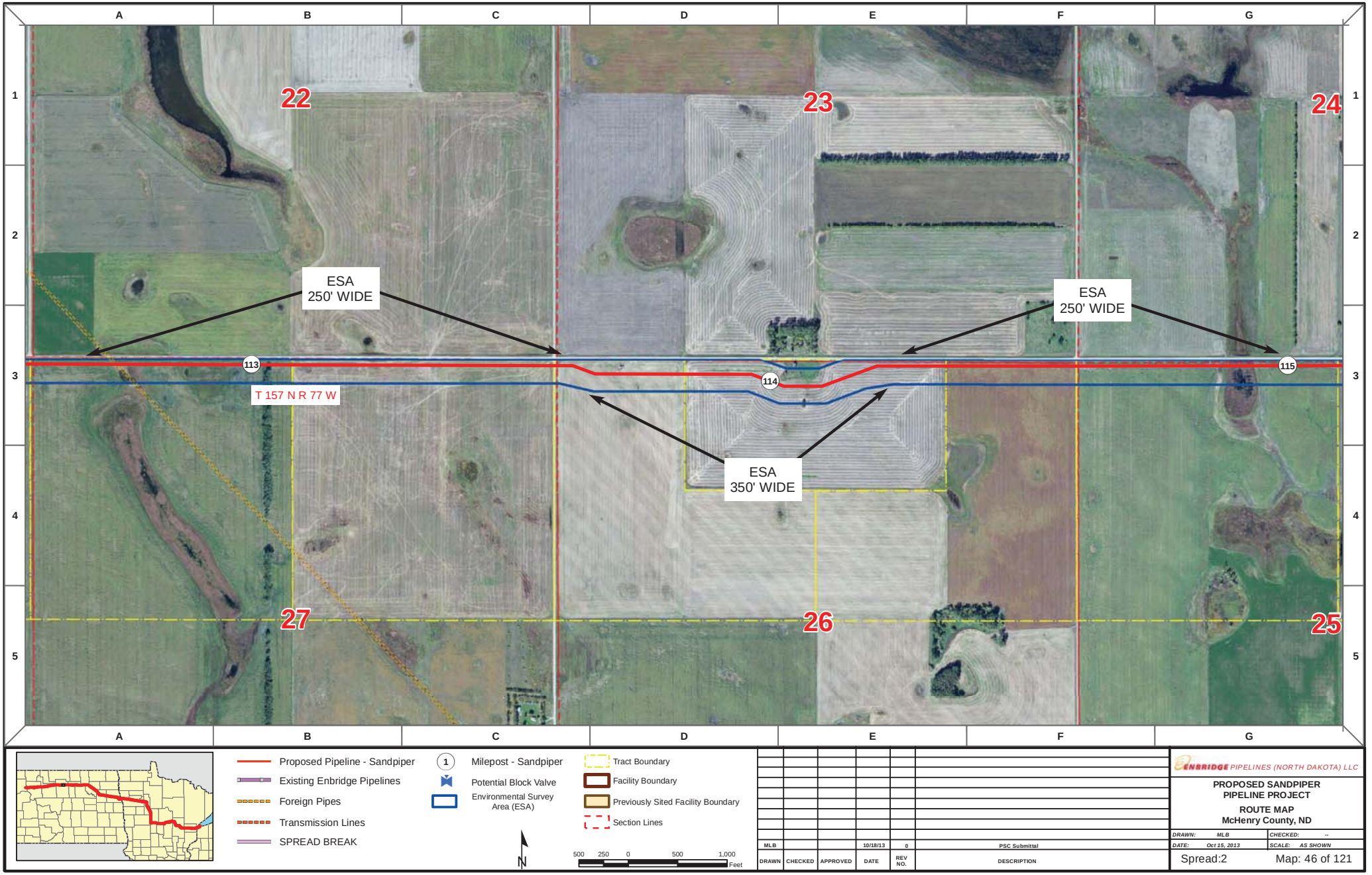
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 45 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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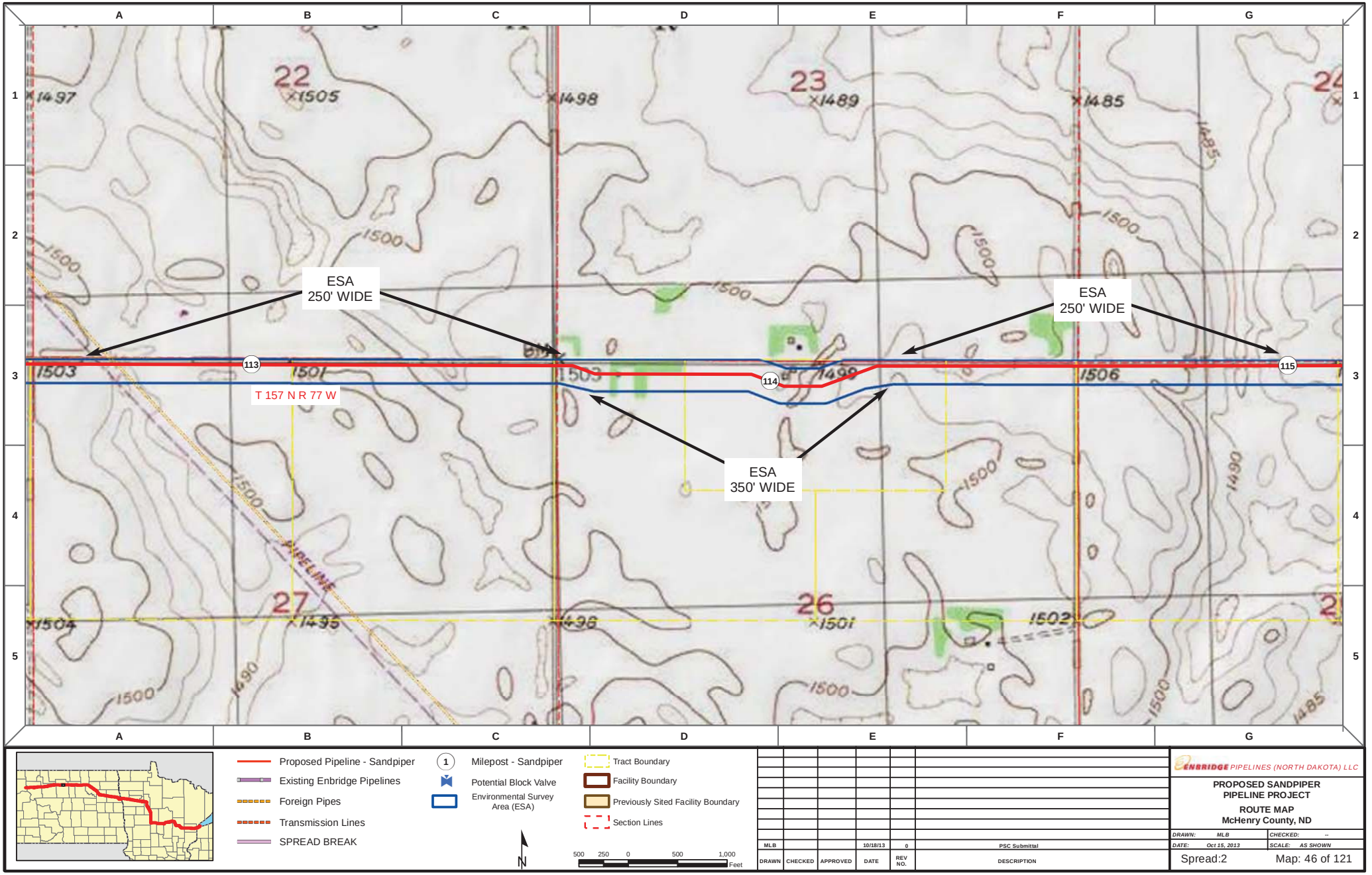
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 46 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

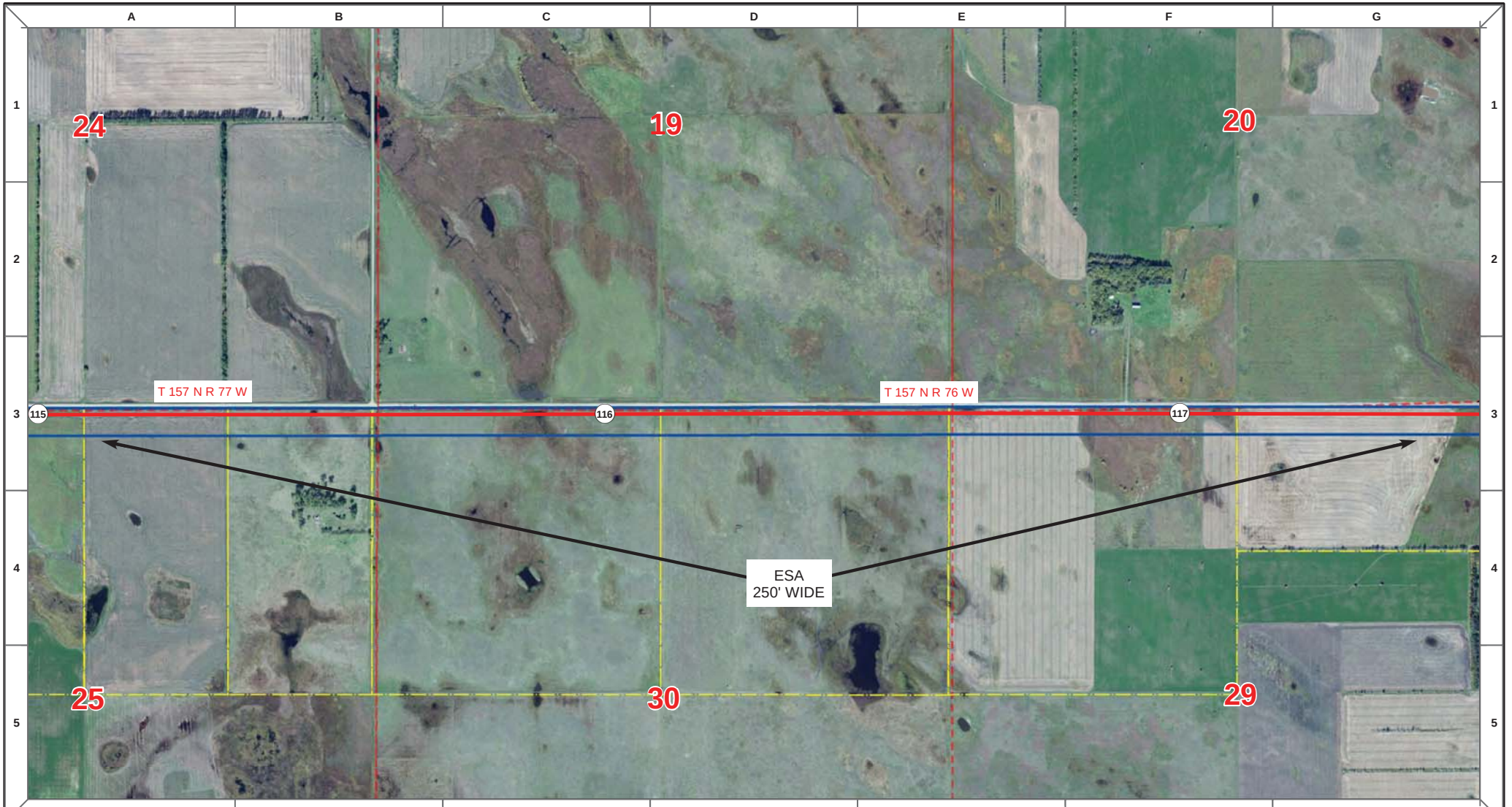
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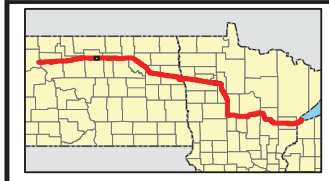
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB CHECKED: --
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Spread:2 Map: 46 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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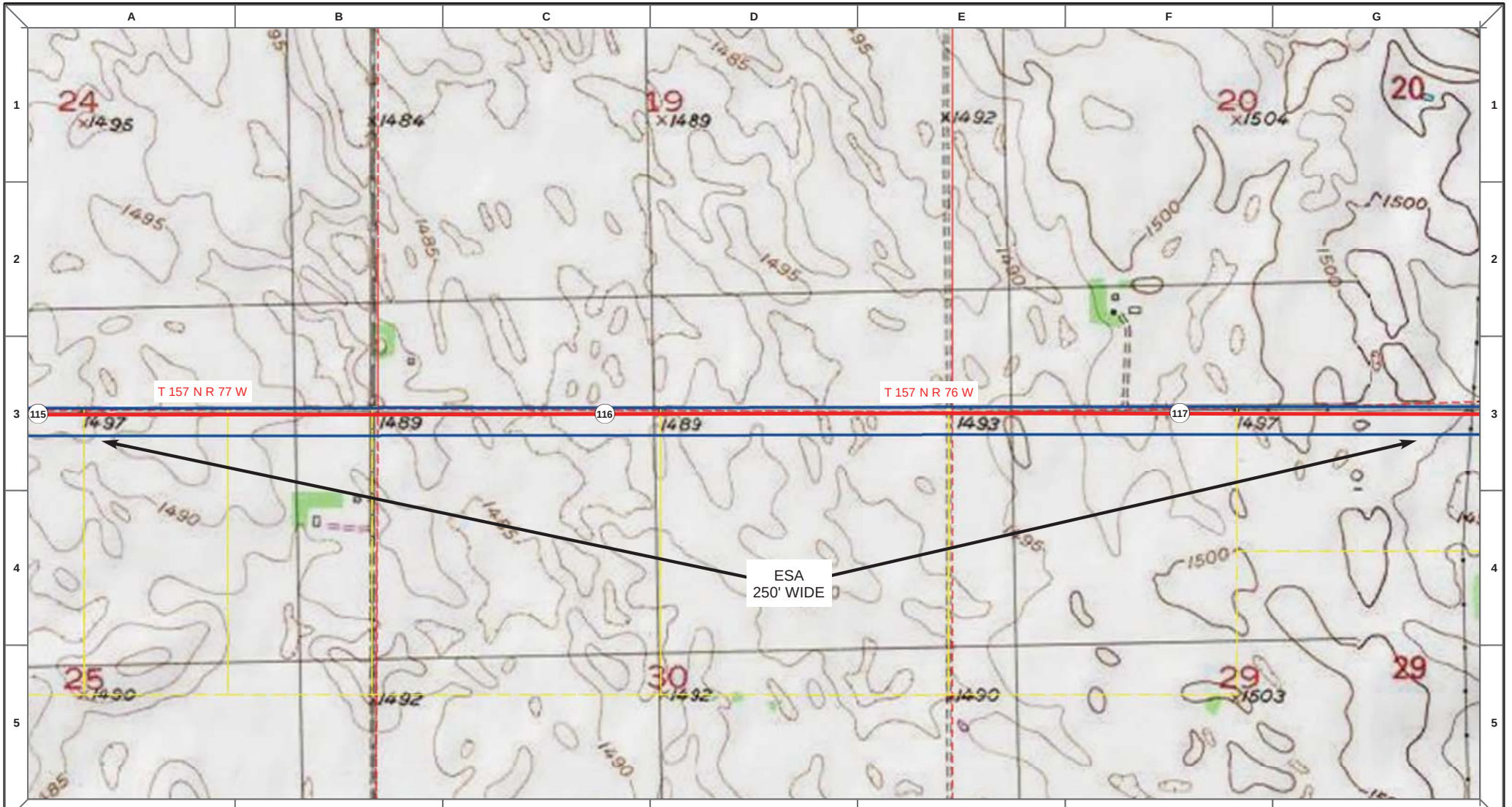
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

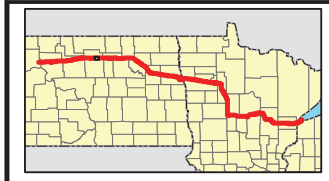
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB CHECKED: --
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Spread:2 Map: 47 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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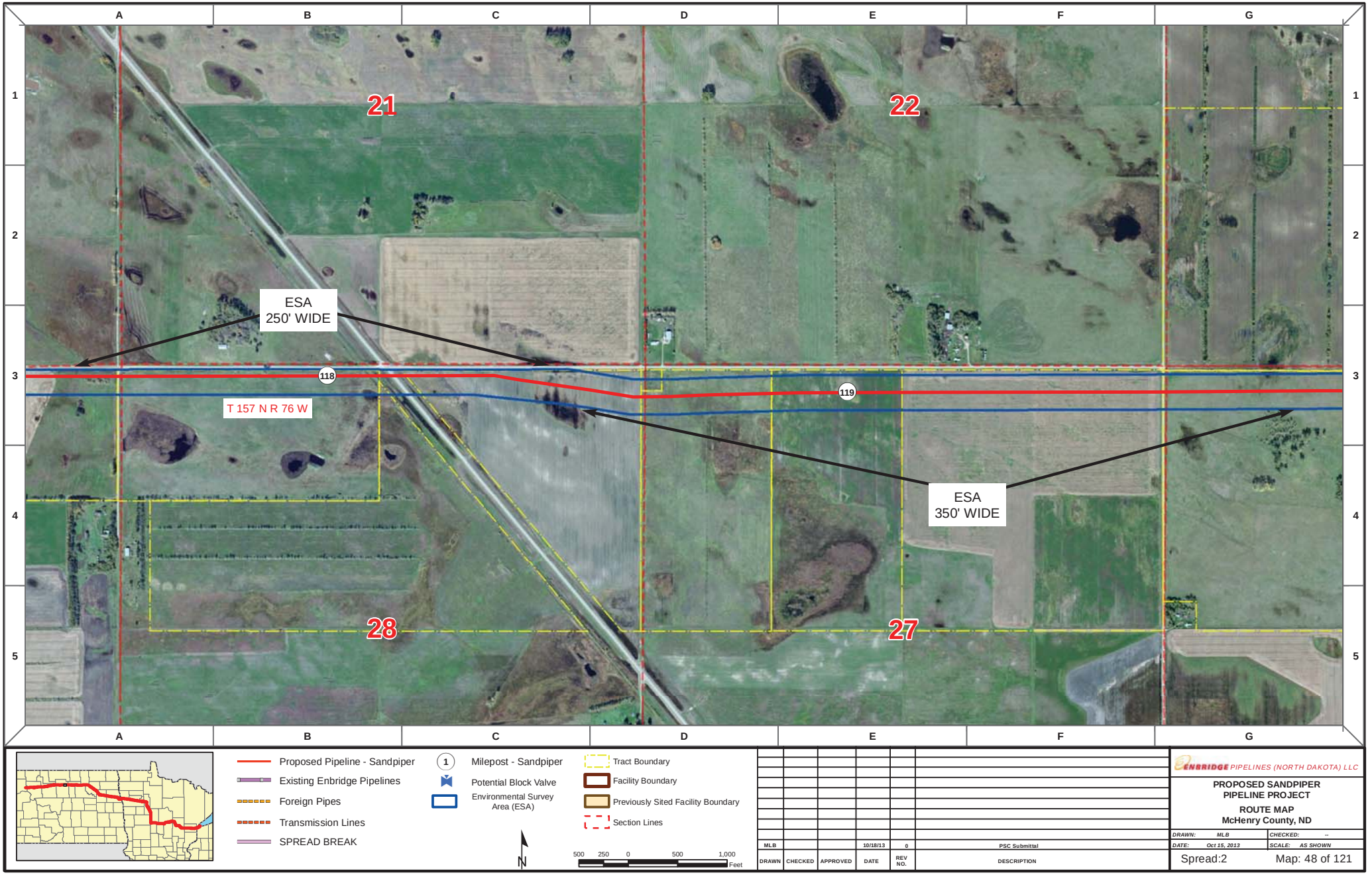
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:2 Map: 47 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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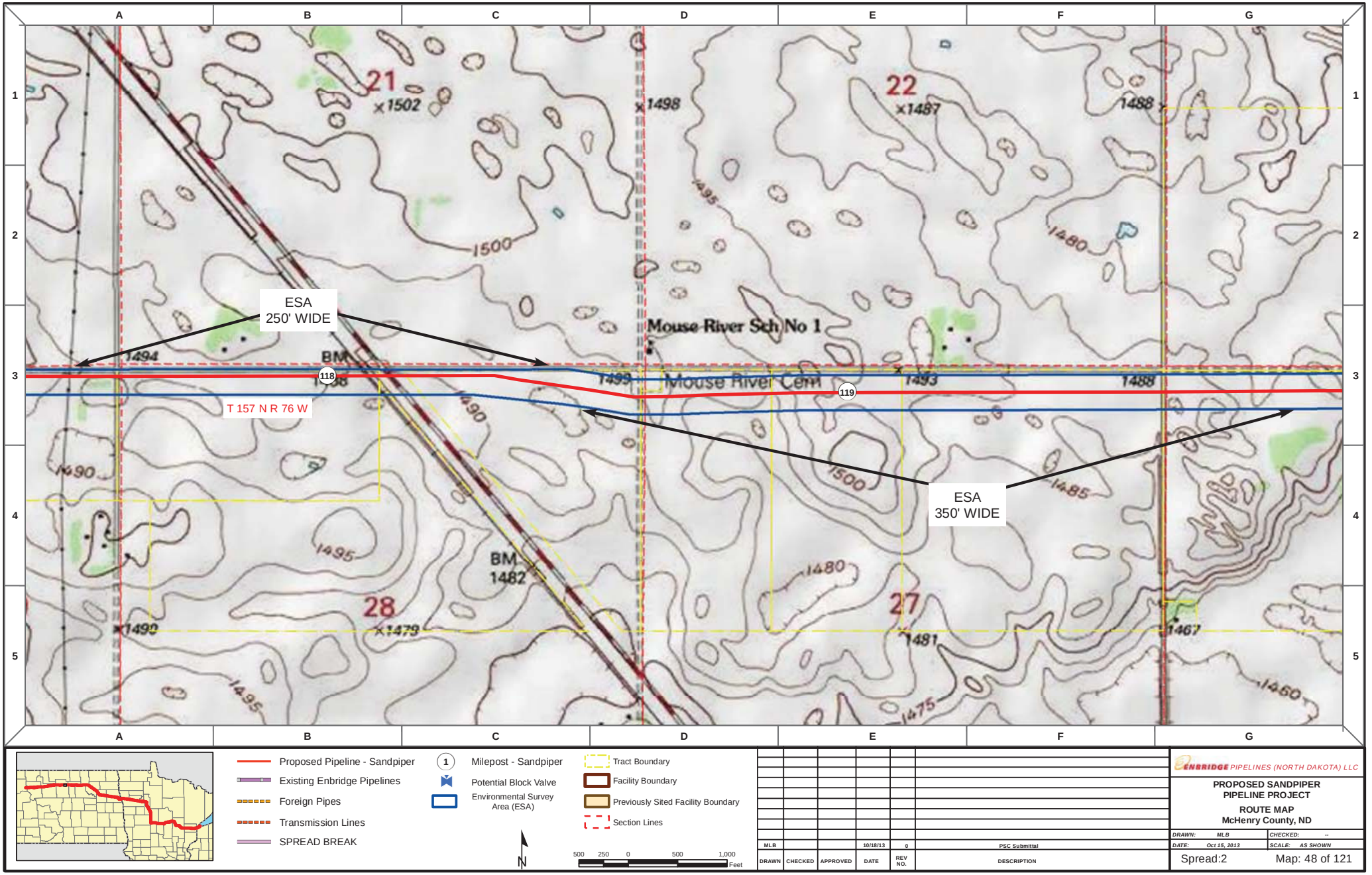
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 48 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

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500 250 0 500 1,000 Feet

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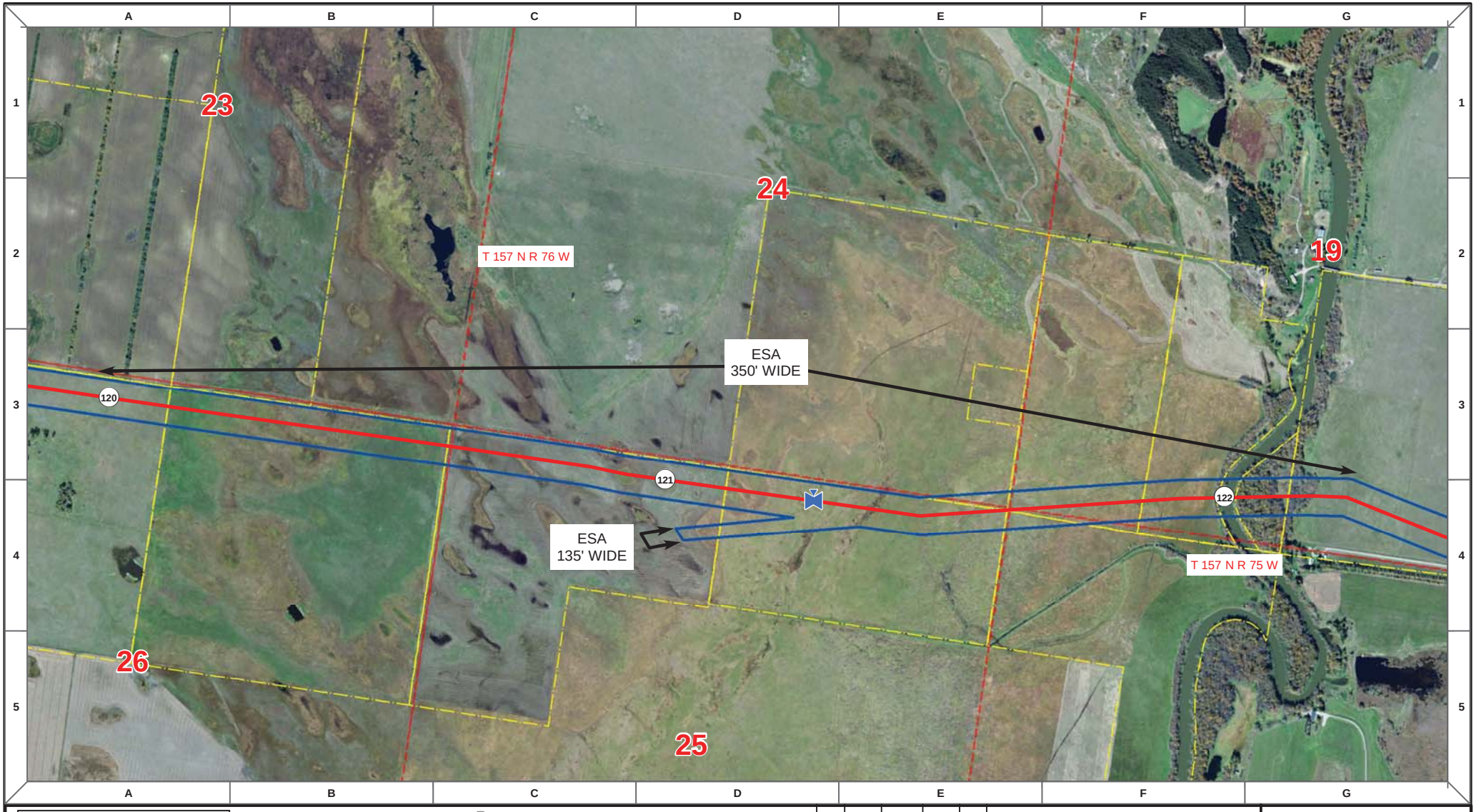
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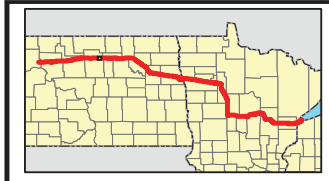
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

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Spread:2 Map: 48 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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Section Lines

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500 250 0 500 1,000 Feet

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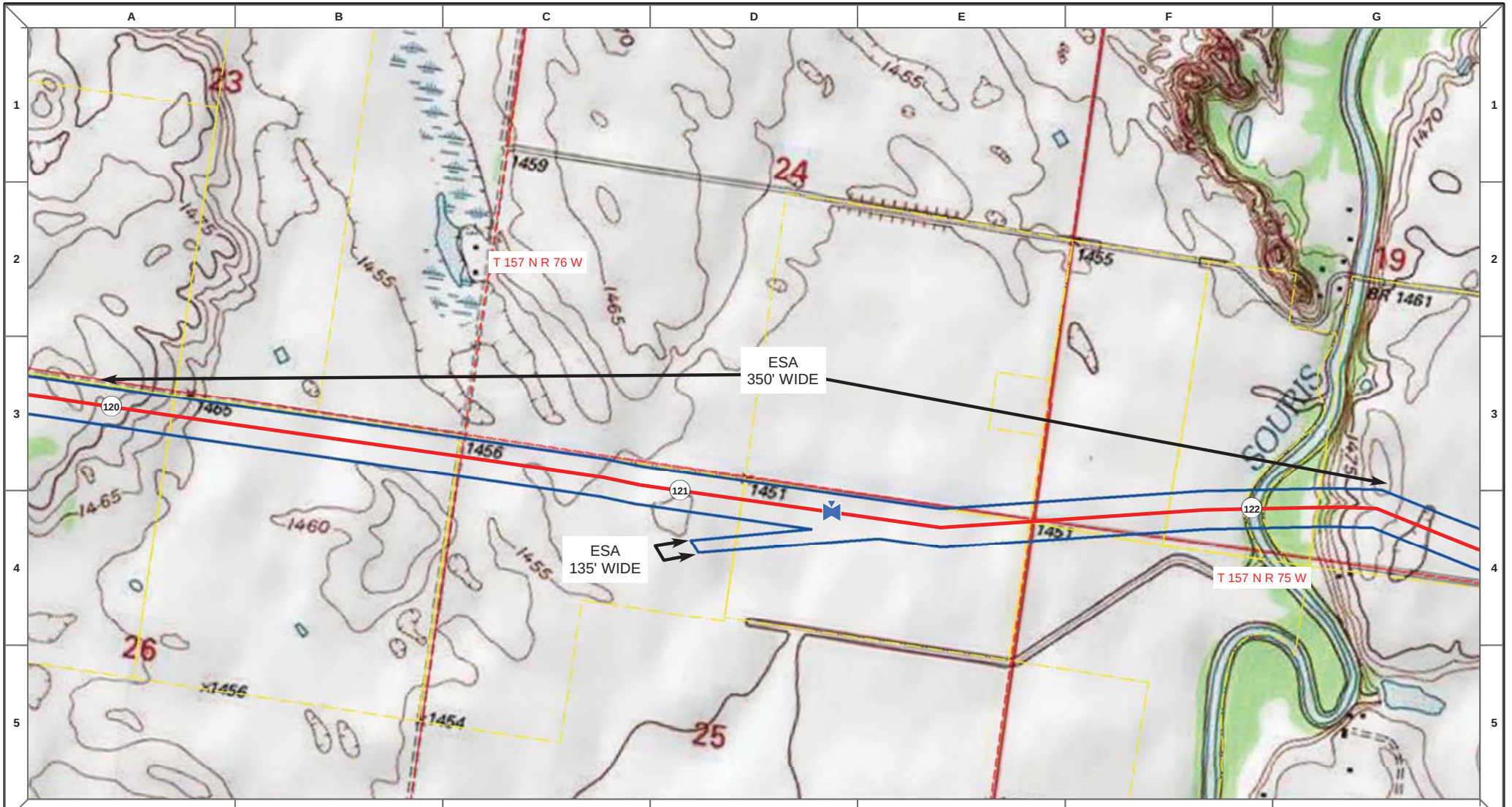
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

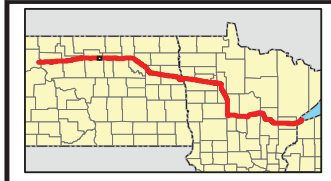
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 49 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

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500 250 0 500 1,000 Feet

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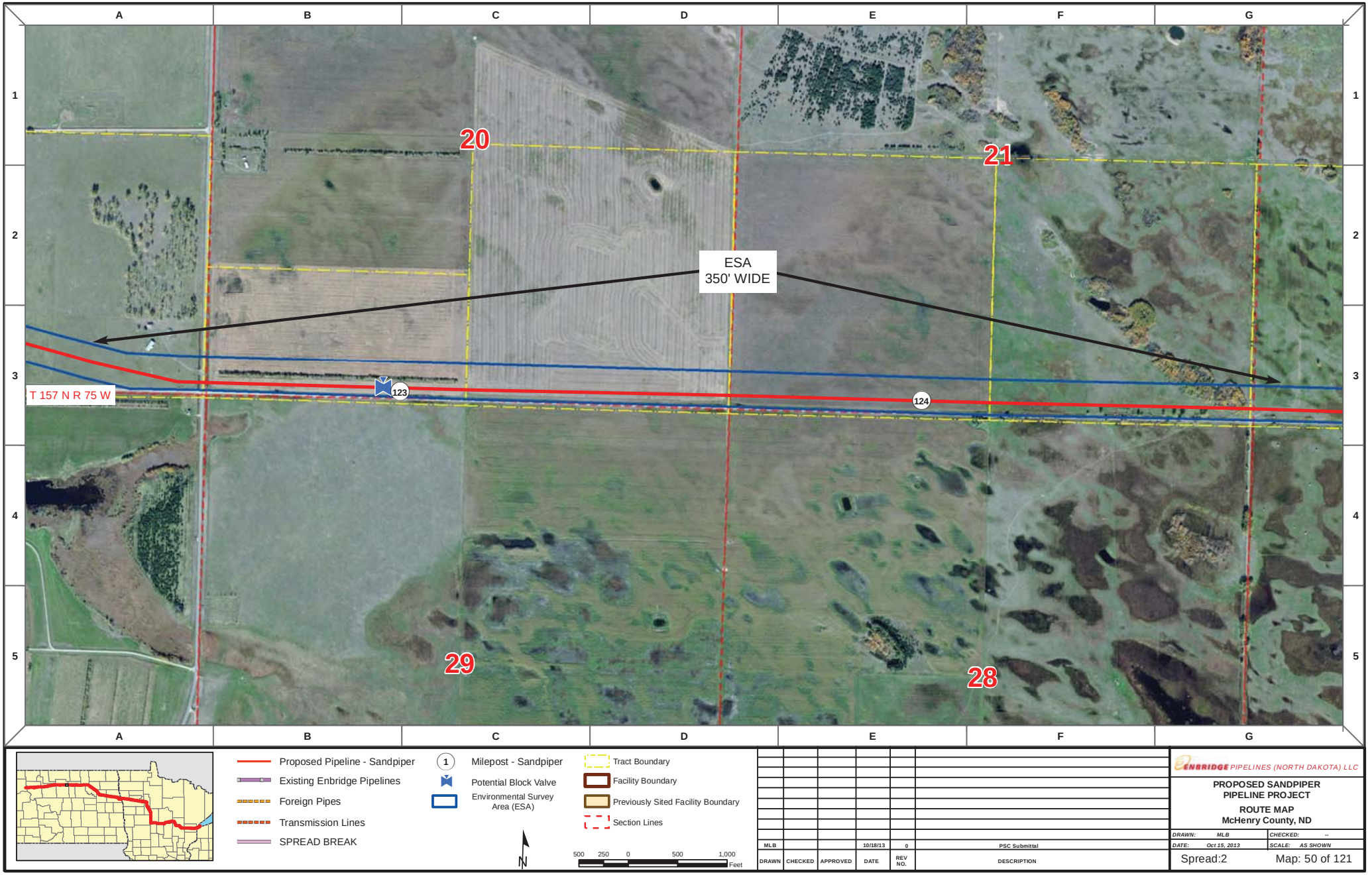
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PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

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DATE: Oct 15, 2013 SCALE: AS SHOWN

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
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SPREAD BREAK

1 Milepost - Sandpiper
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Facility Boundary
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DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

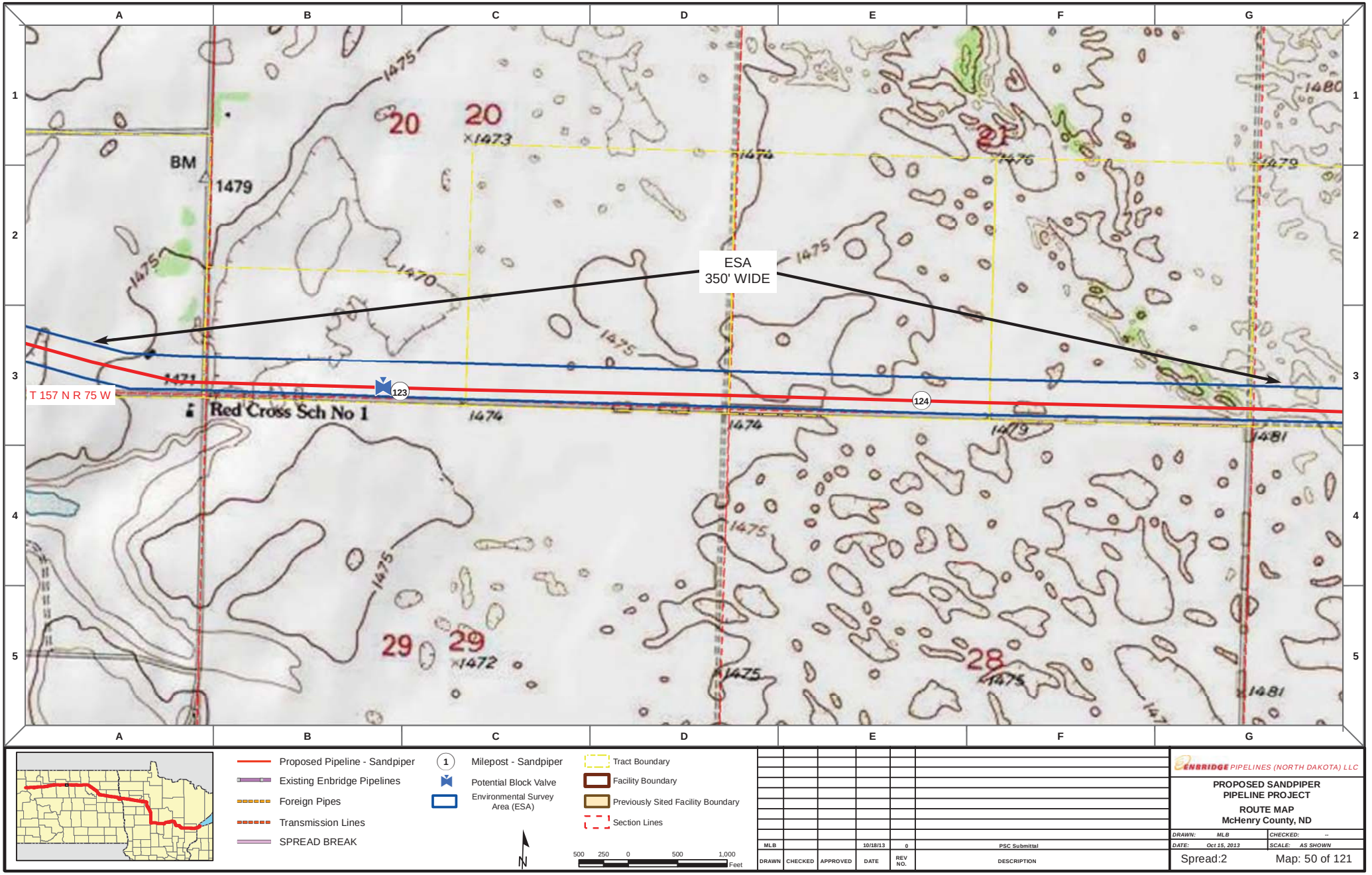
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 50 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

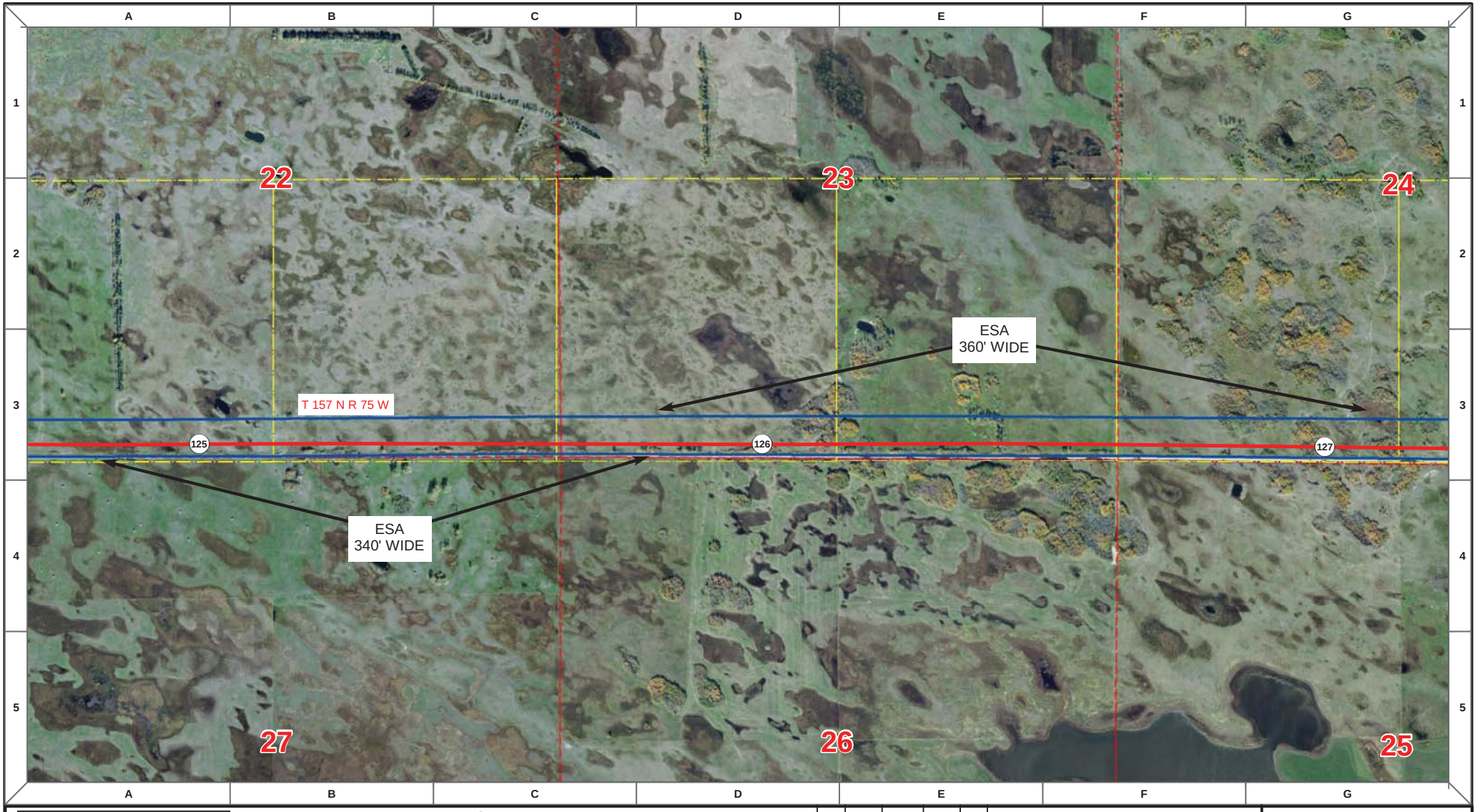
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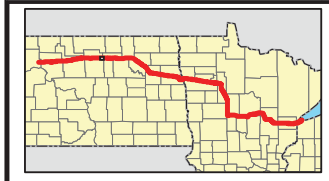
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 50 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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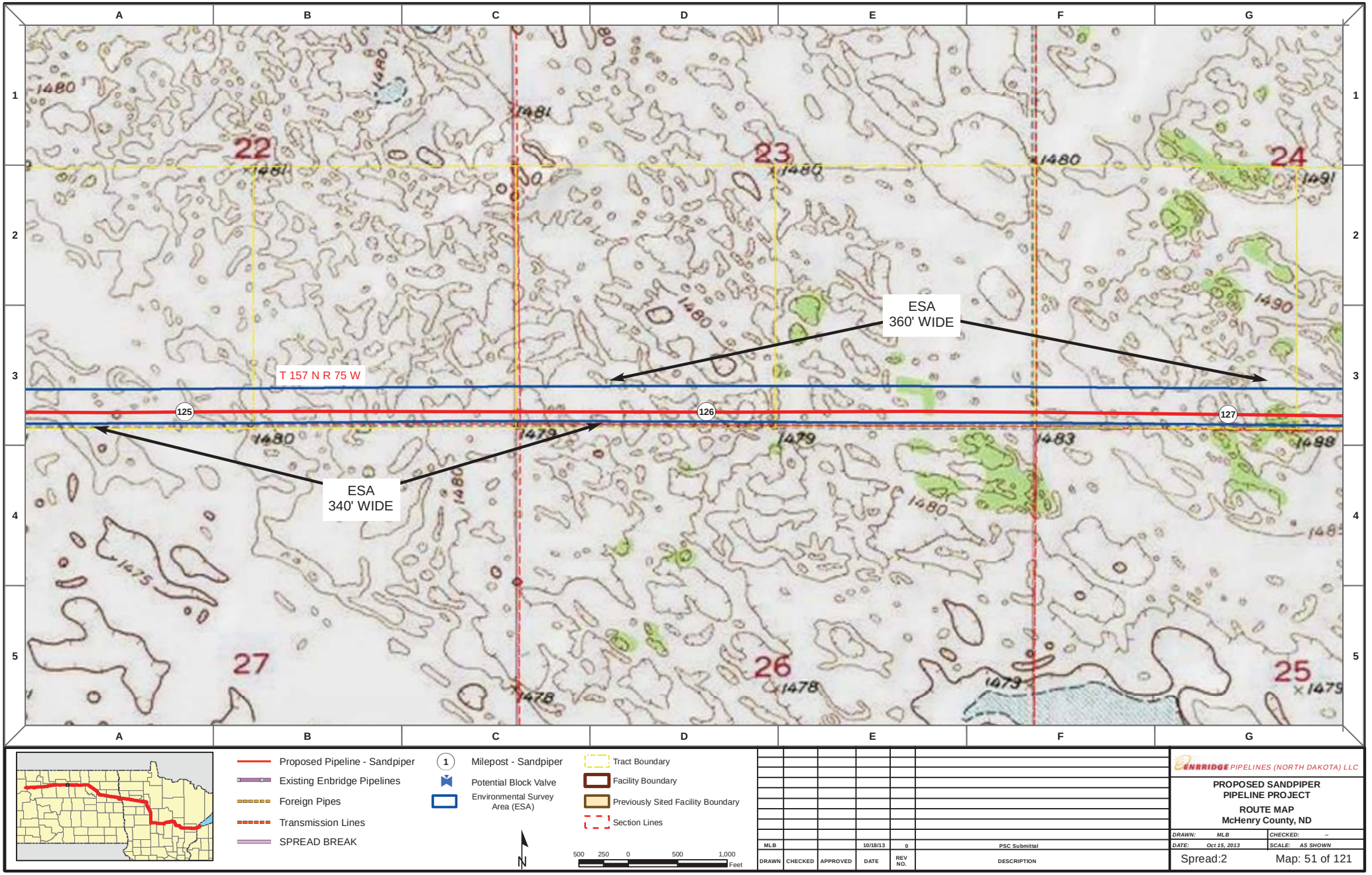
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:2 Map: 51 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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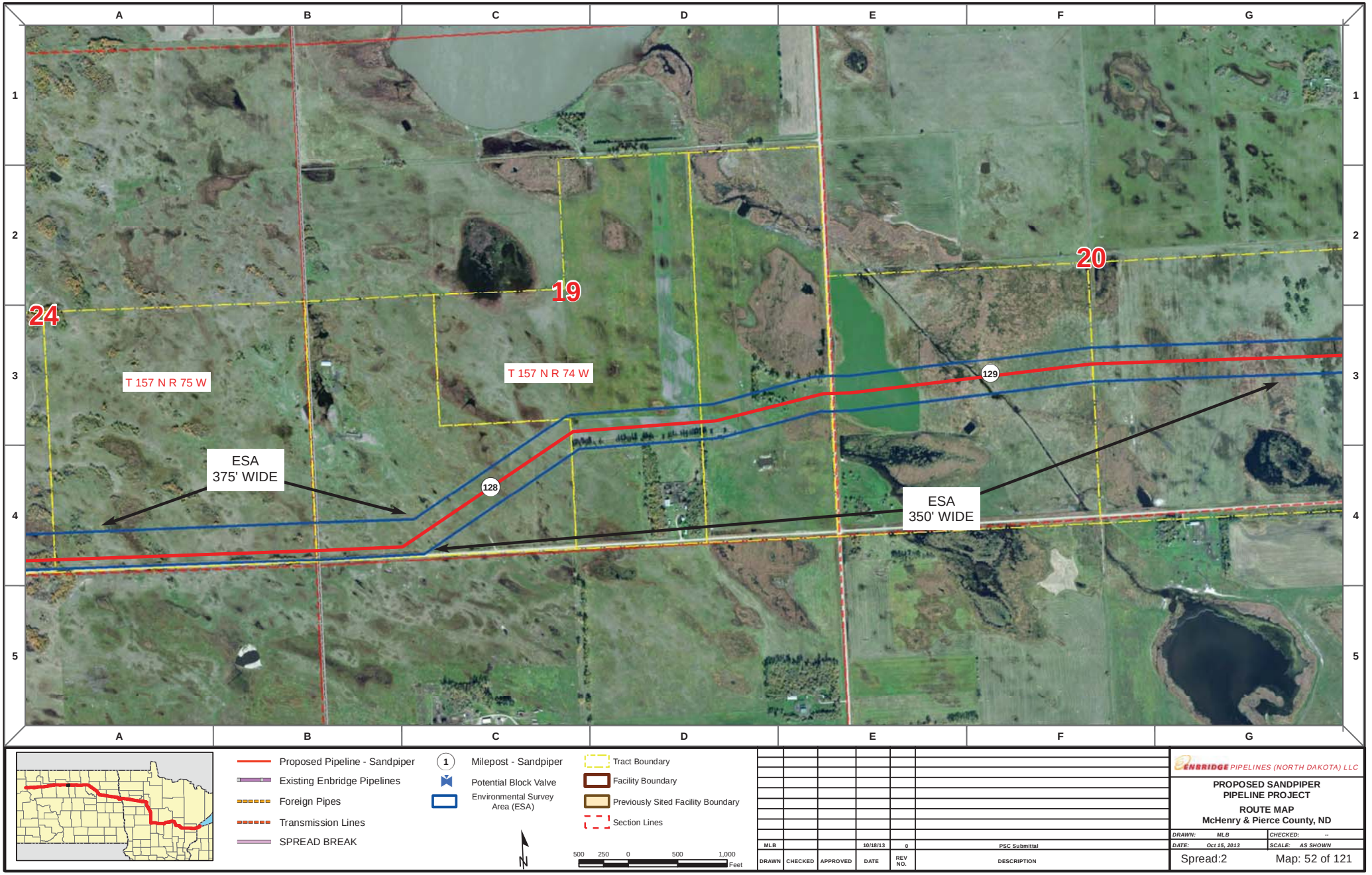
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:2 Map: 51 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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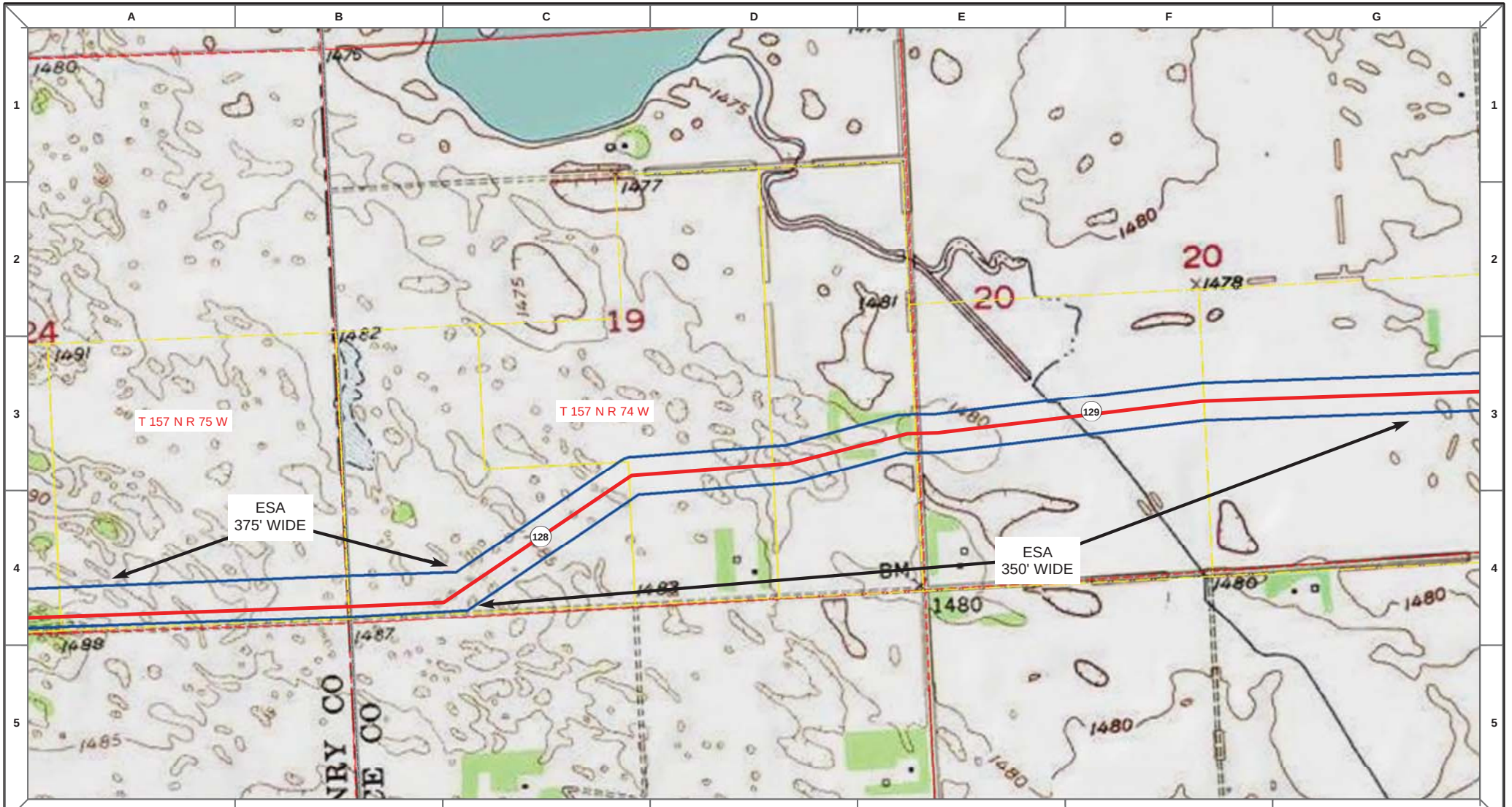
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
McHenry & Pierce County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:2 Map: 52 of 121



DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

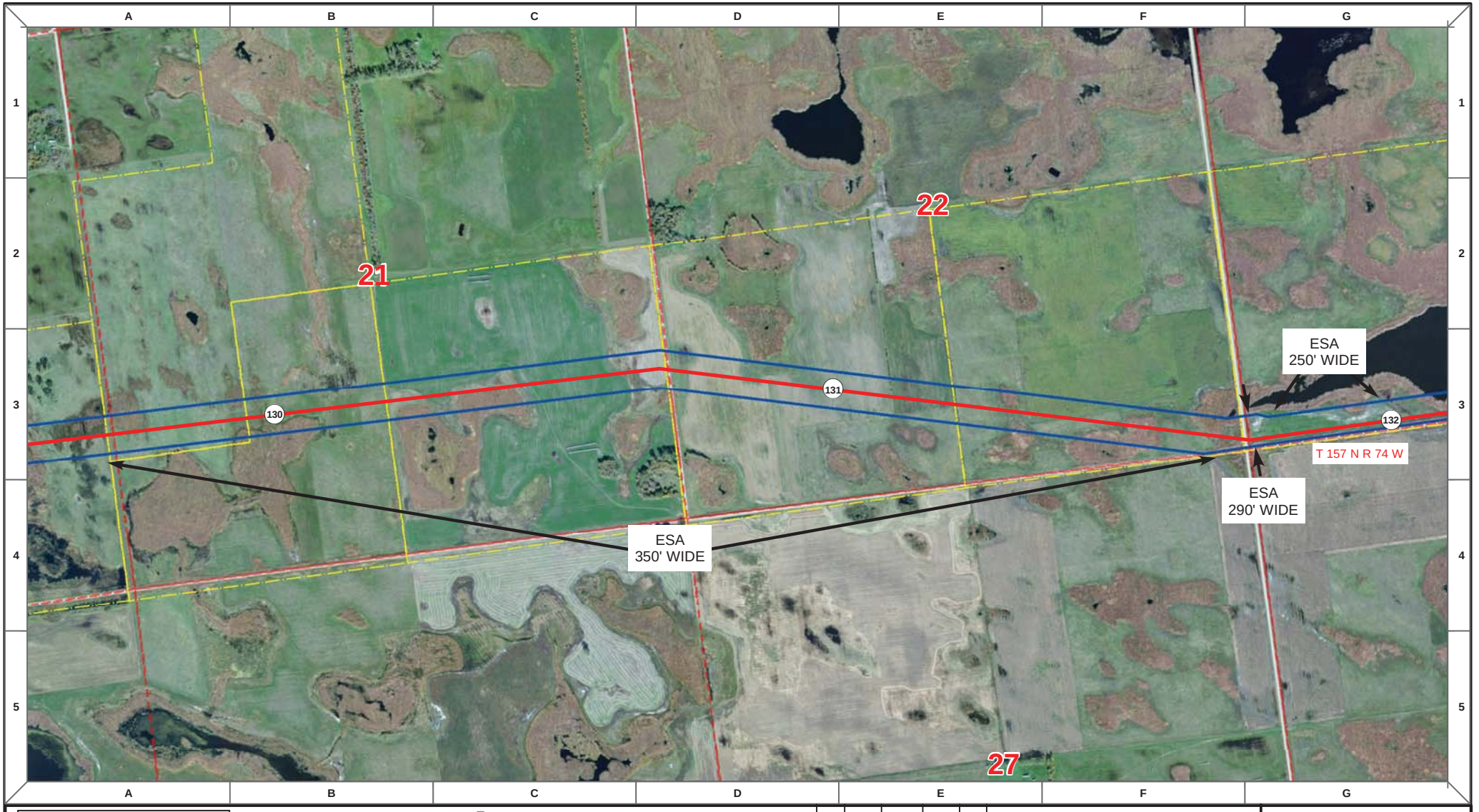
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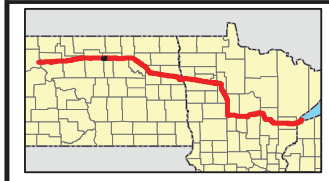
ROUTE MAP

McHenry & Pierce County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:2 Map: 52 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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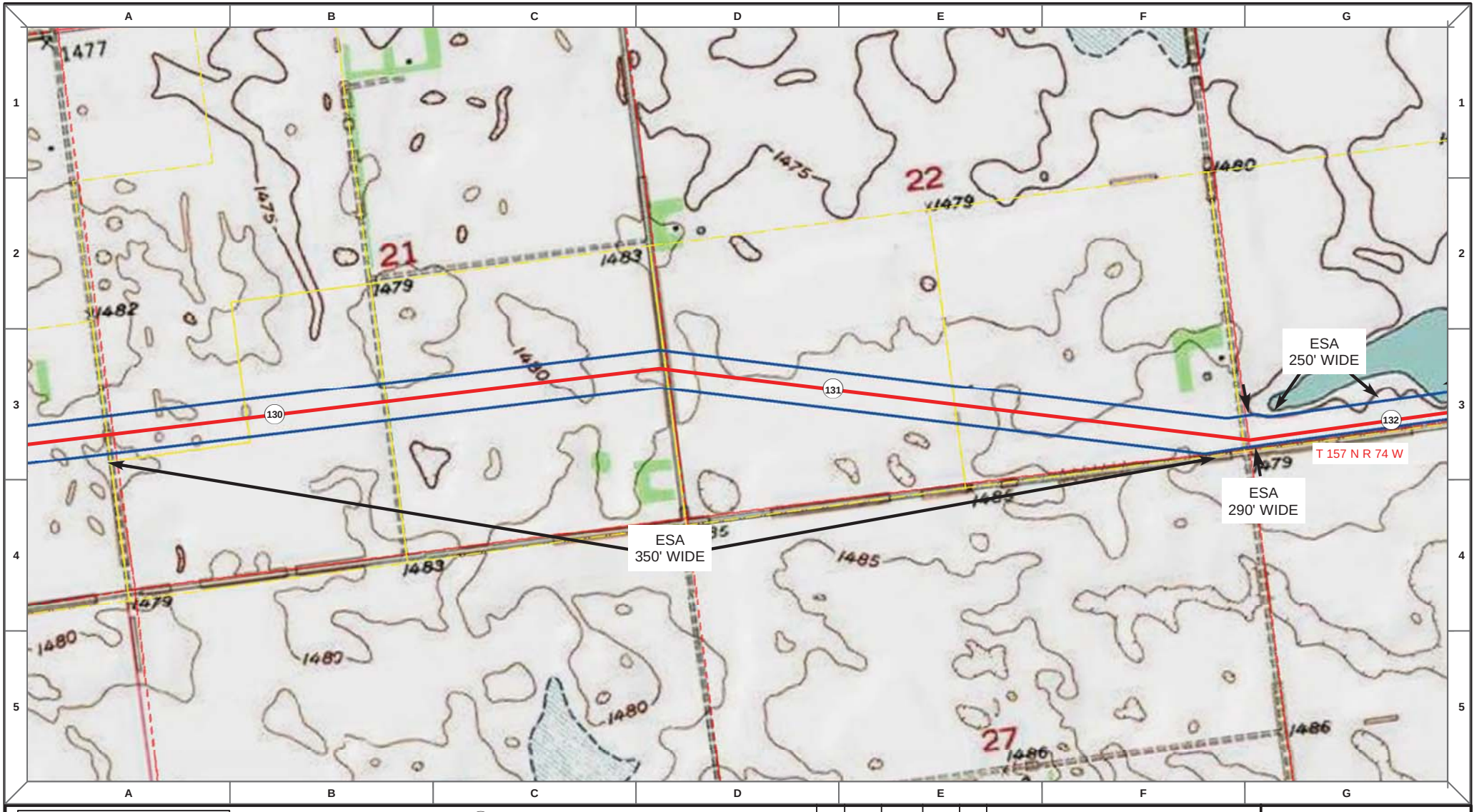
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:2 Map: 53 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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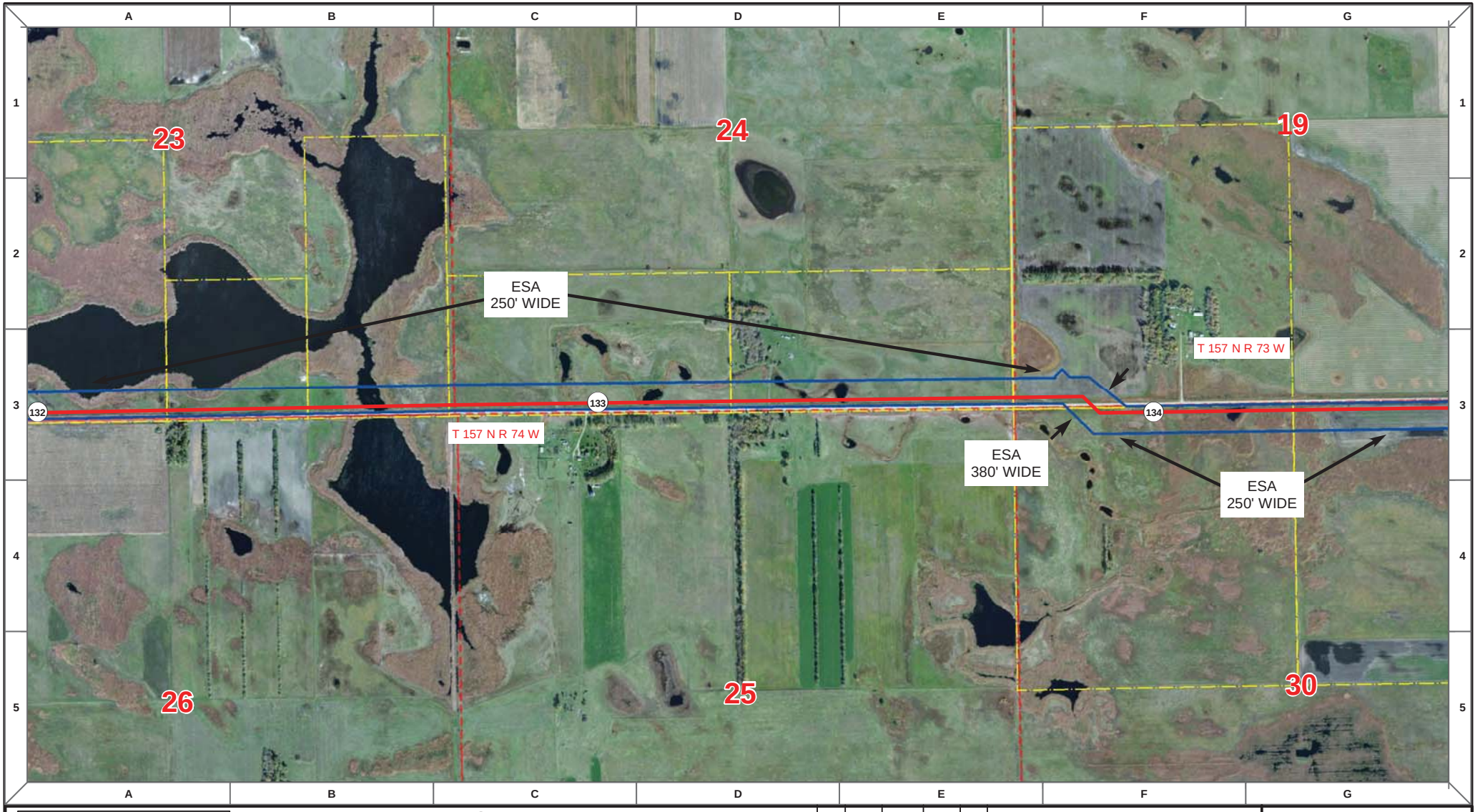
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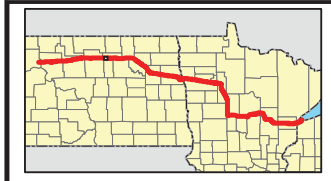
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

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Spread:2 Map: 53 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
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SPREAD BREAK

1 Milepost - Sandpiper
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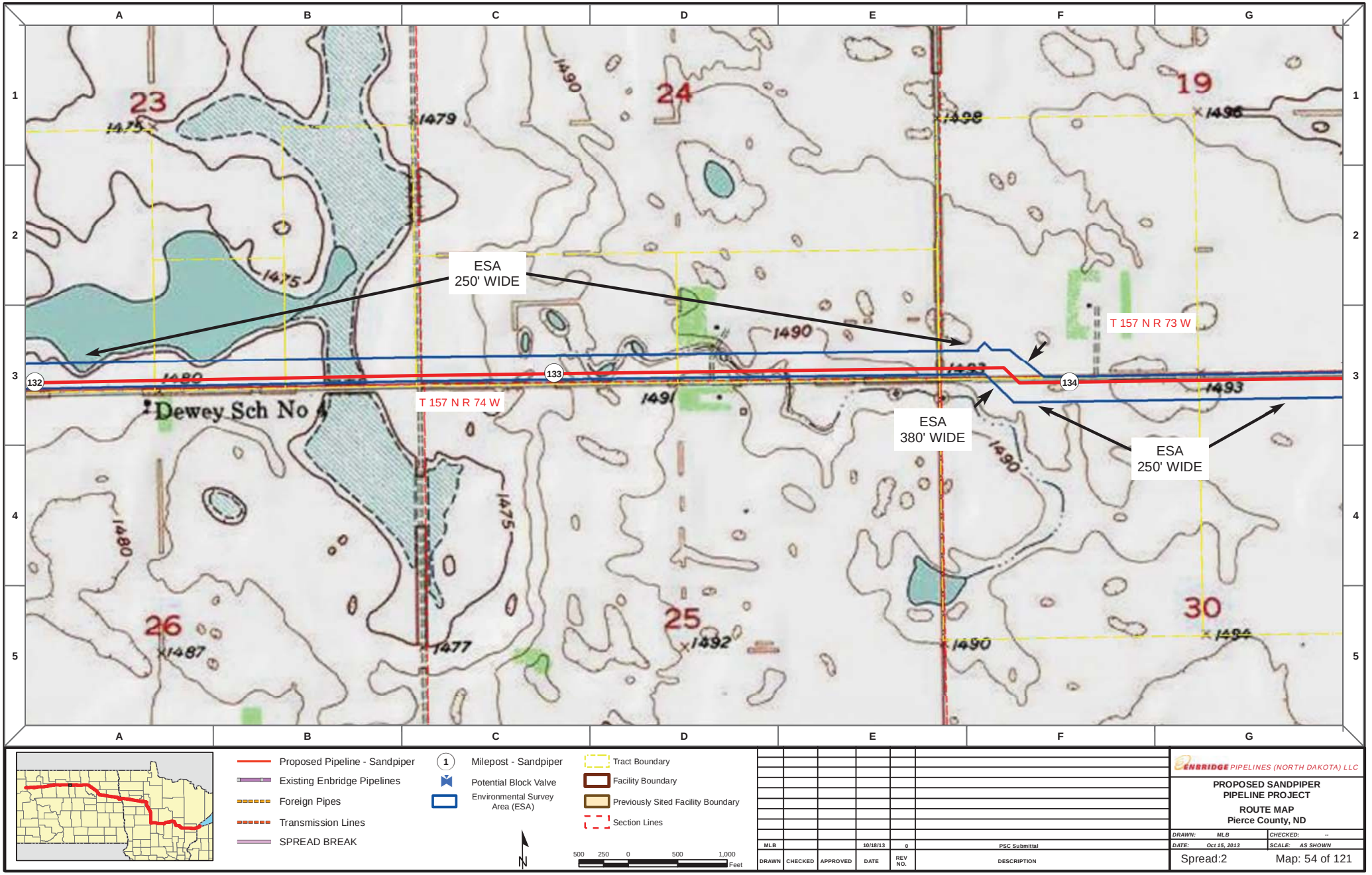
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

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DATE: Oct 15, 2013 SCALE: AS SHOWN

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
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Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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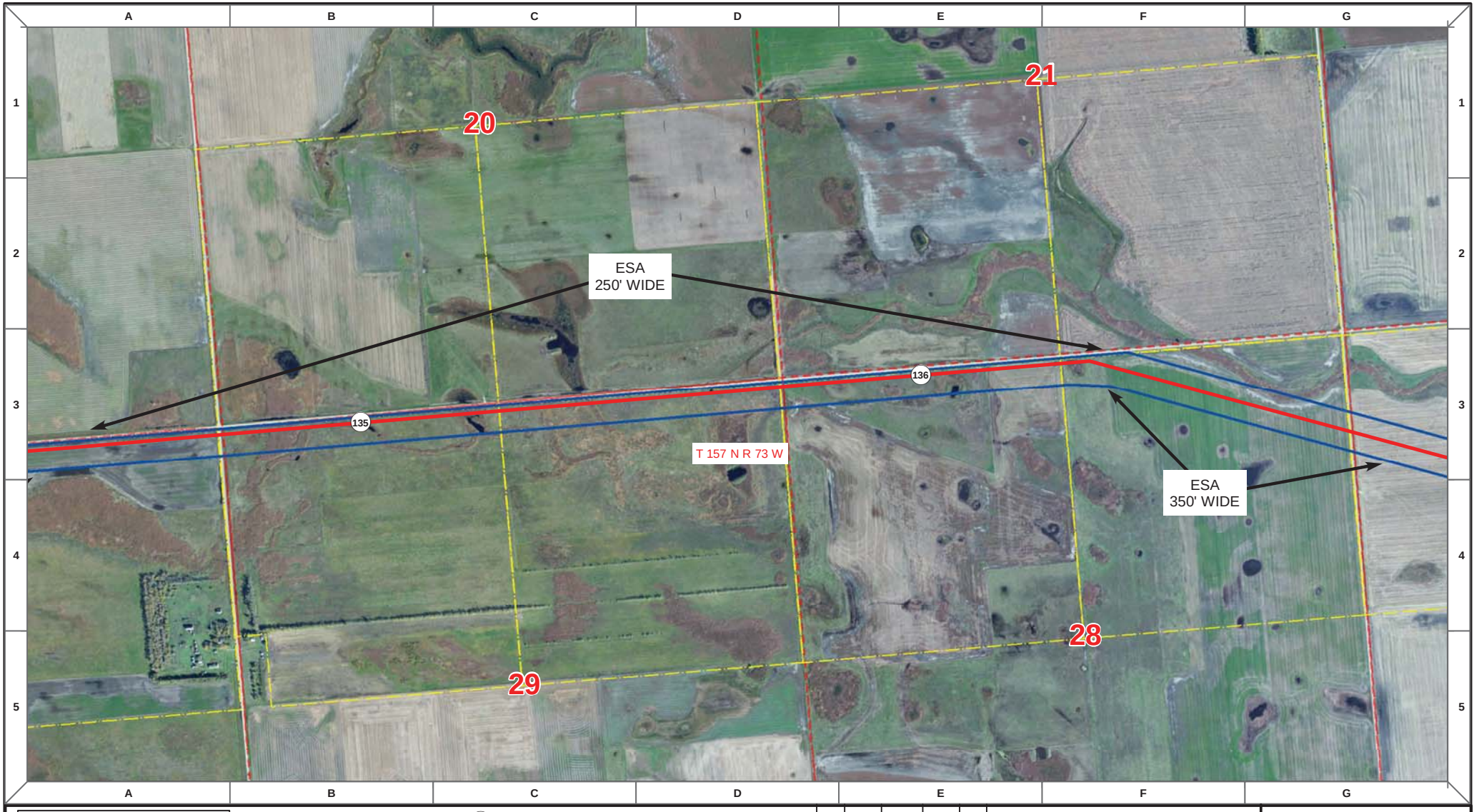
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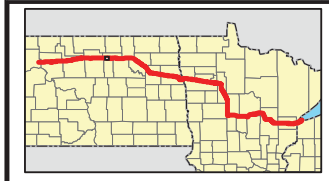
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

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Proposed Pipeline - Sandpiper
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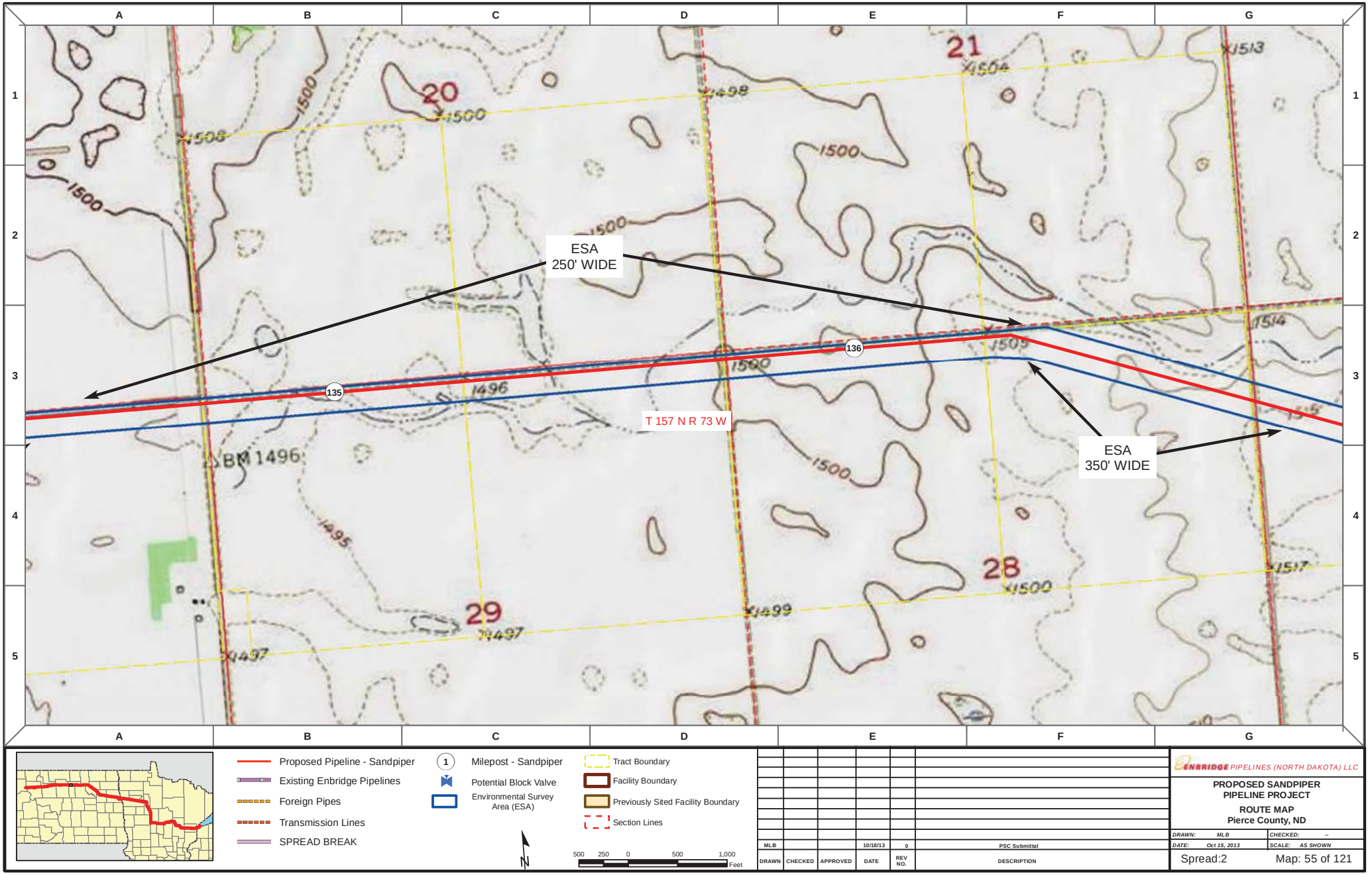
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:2 Map: 55 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
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Tract Boundary
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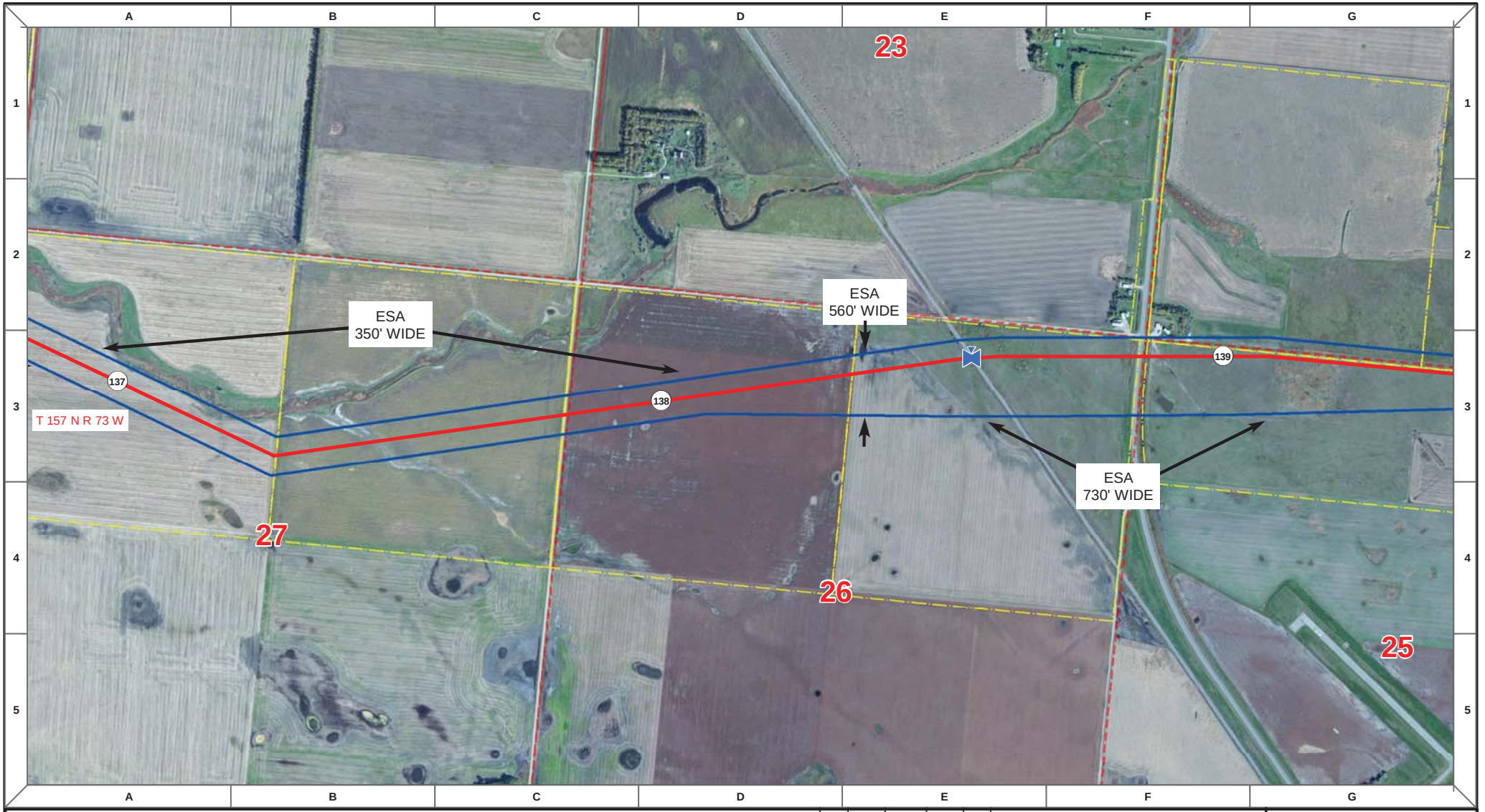
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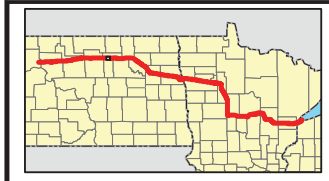
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
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Environmental Survey Area (ESA)

Tract Boundary
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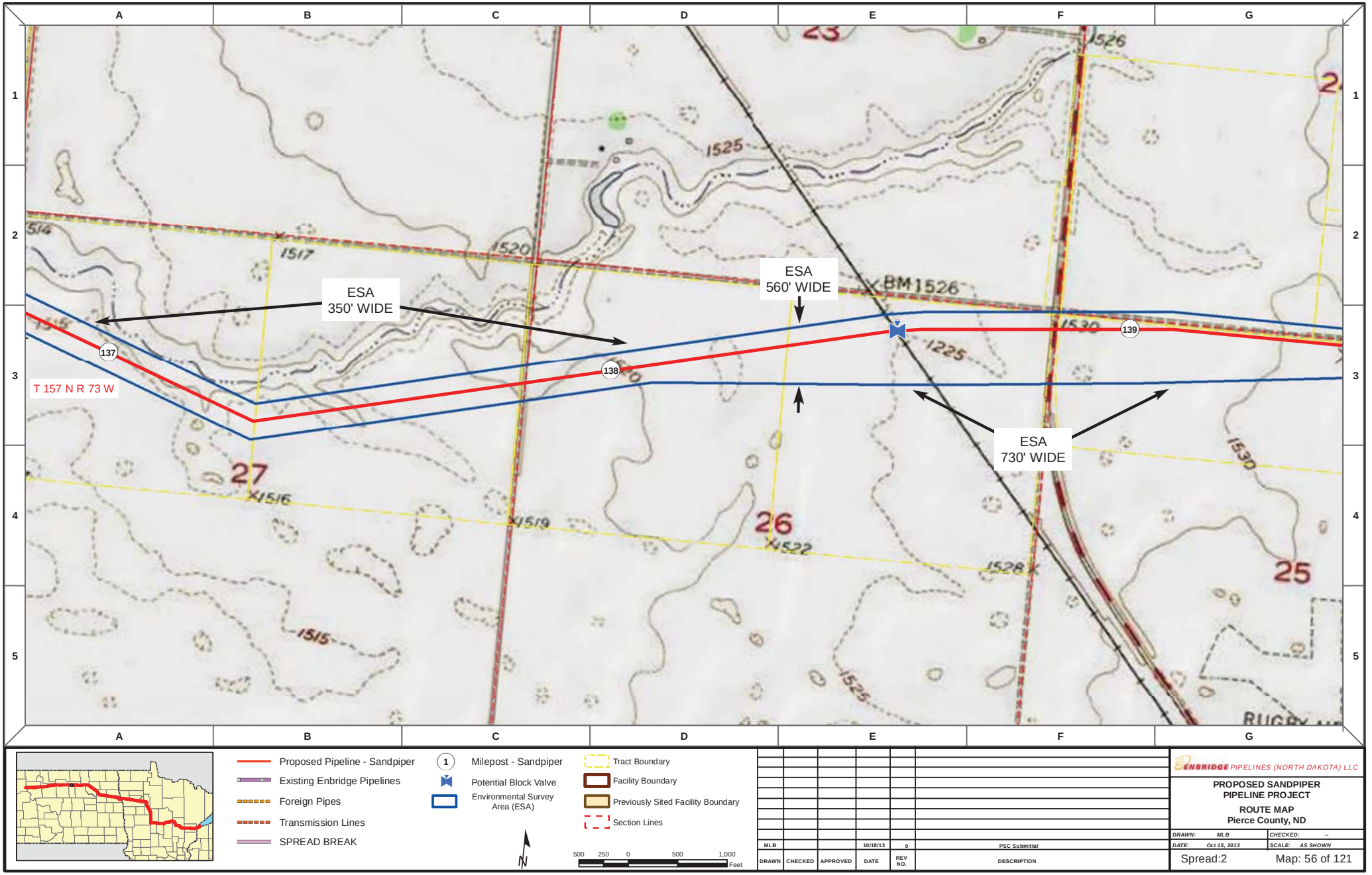
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

DRAWN: MLB	CHECKED: --
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Spread:2 Map: 56 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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Section Lines

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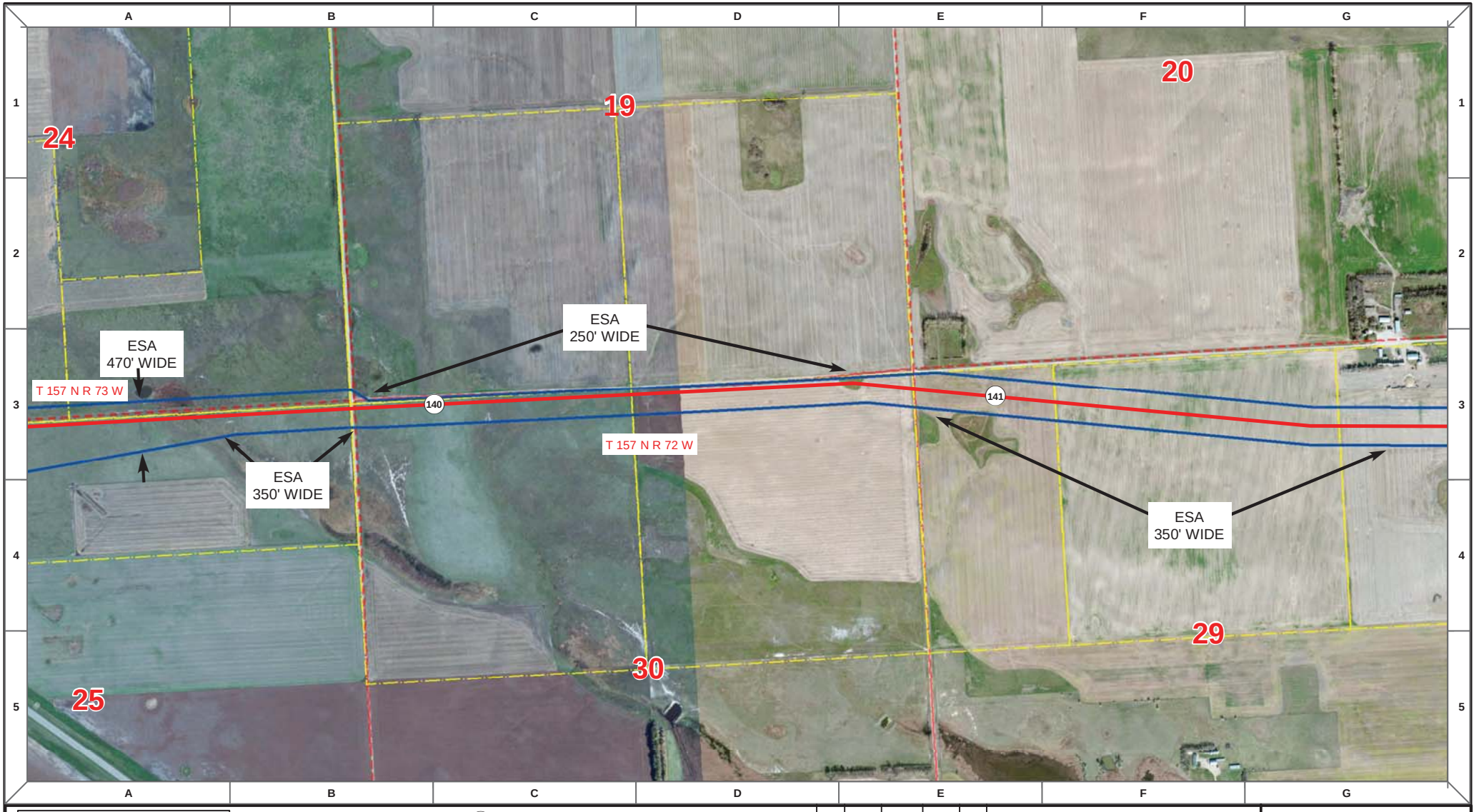
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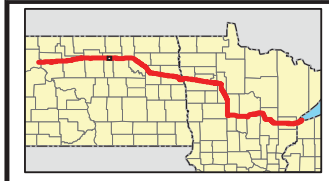
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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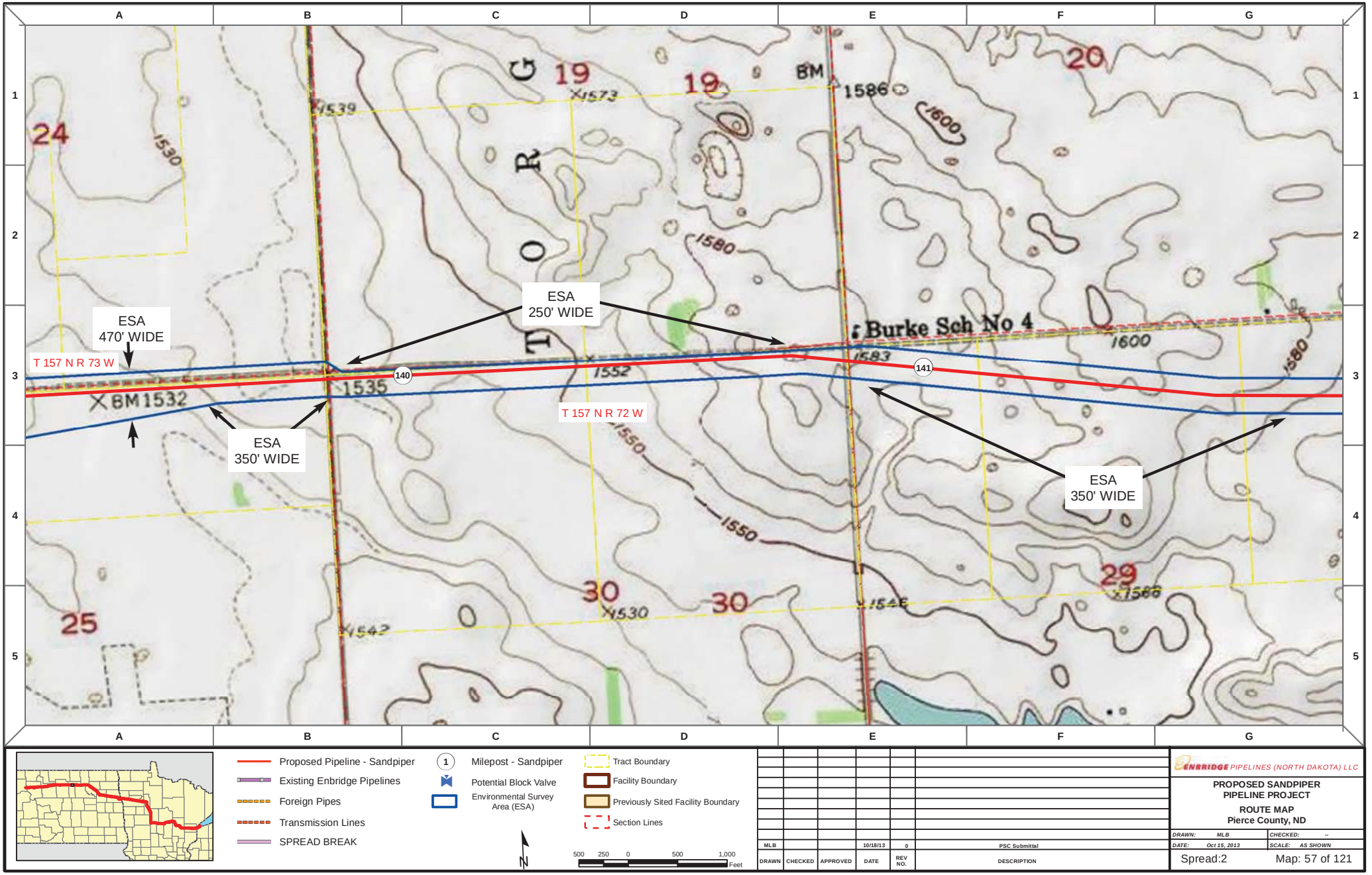
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:2 Map: 57 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
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Tract Boundary
Facility Boundary
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Section Lines

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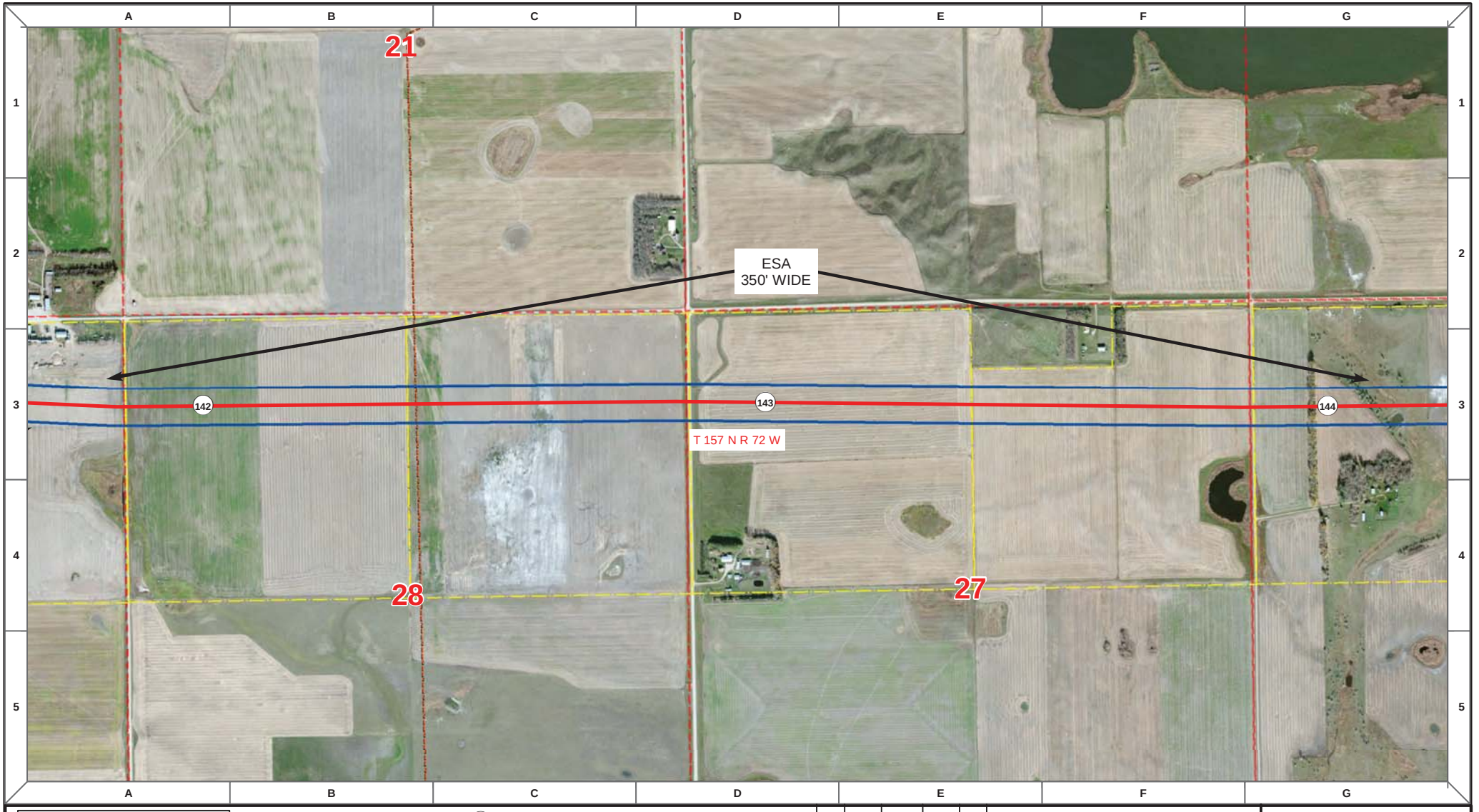
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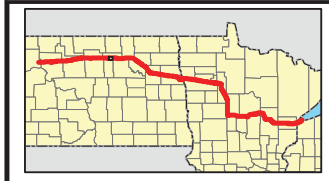
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

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Spread:2 Map: 57 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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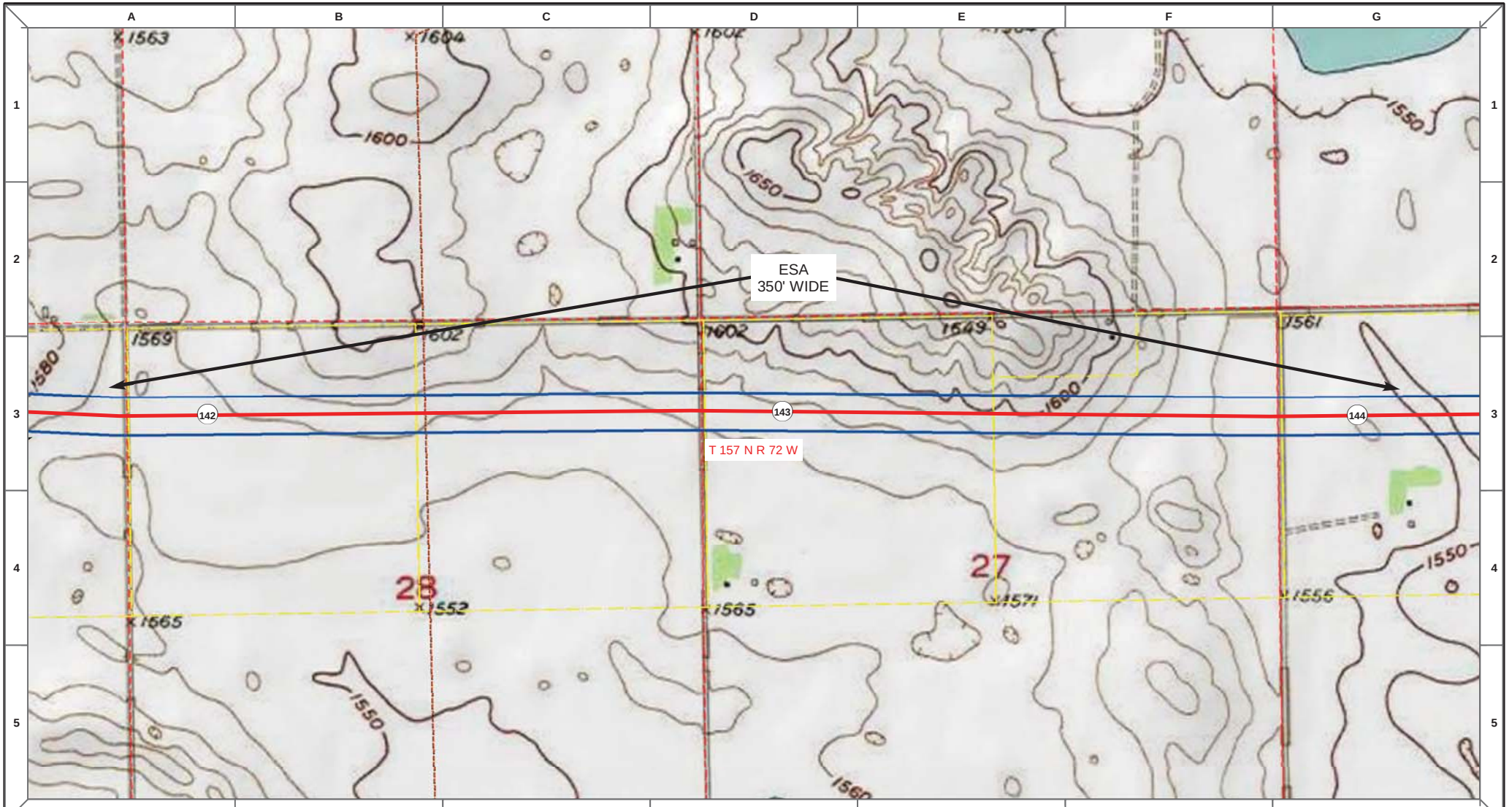
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:2 Map: 58 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
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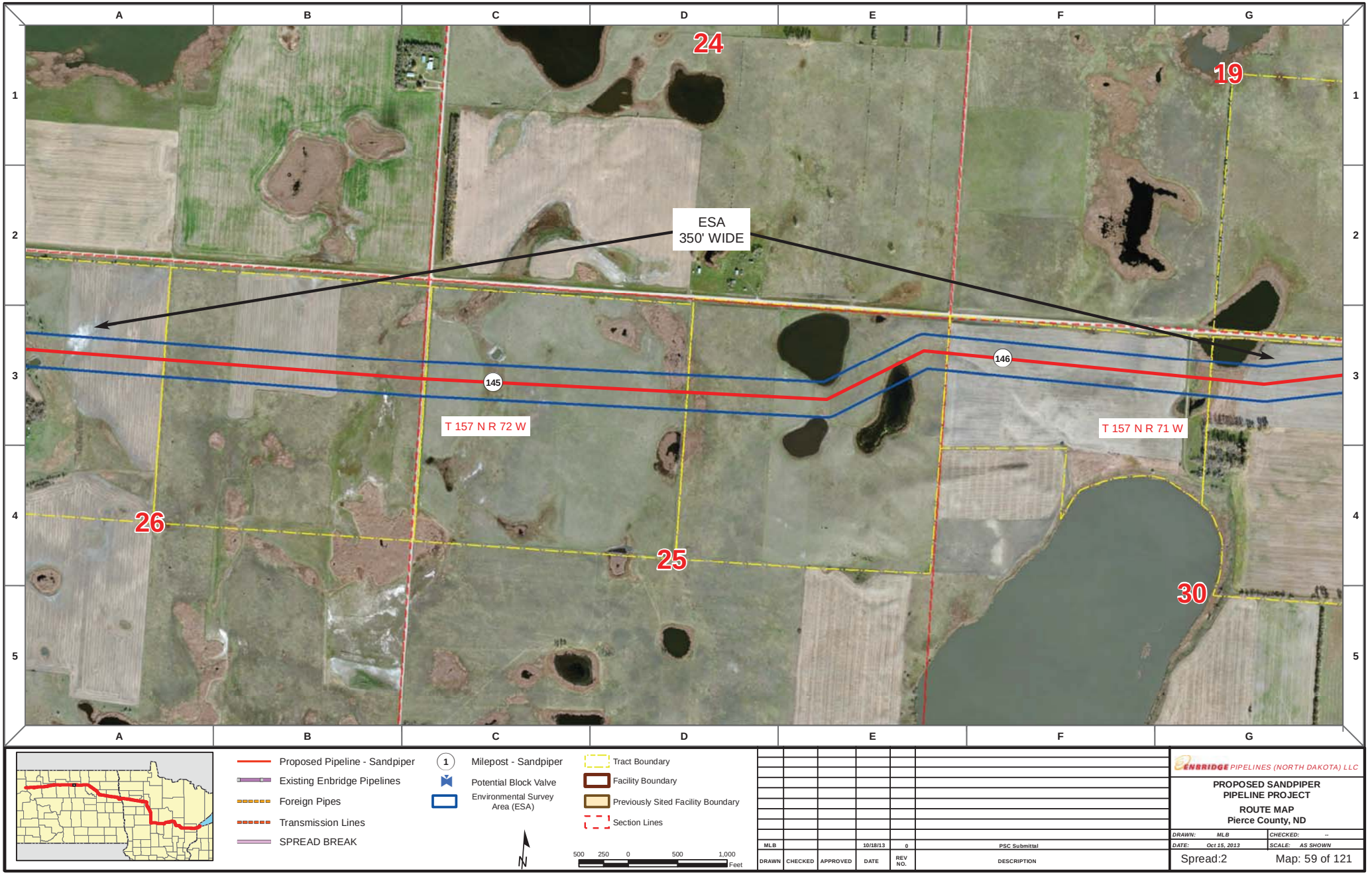
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

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DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 58 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
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1 Milepost - Sandpiper
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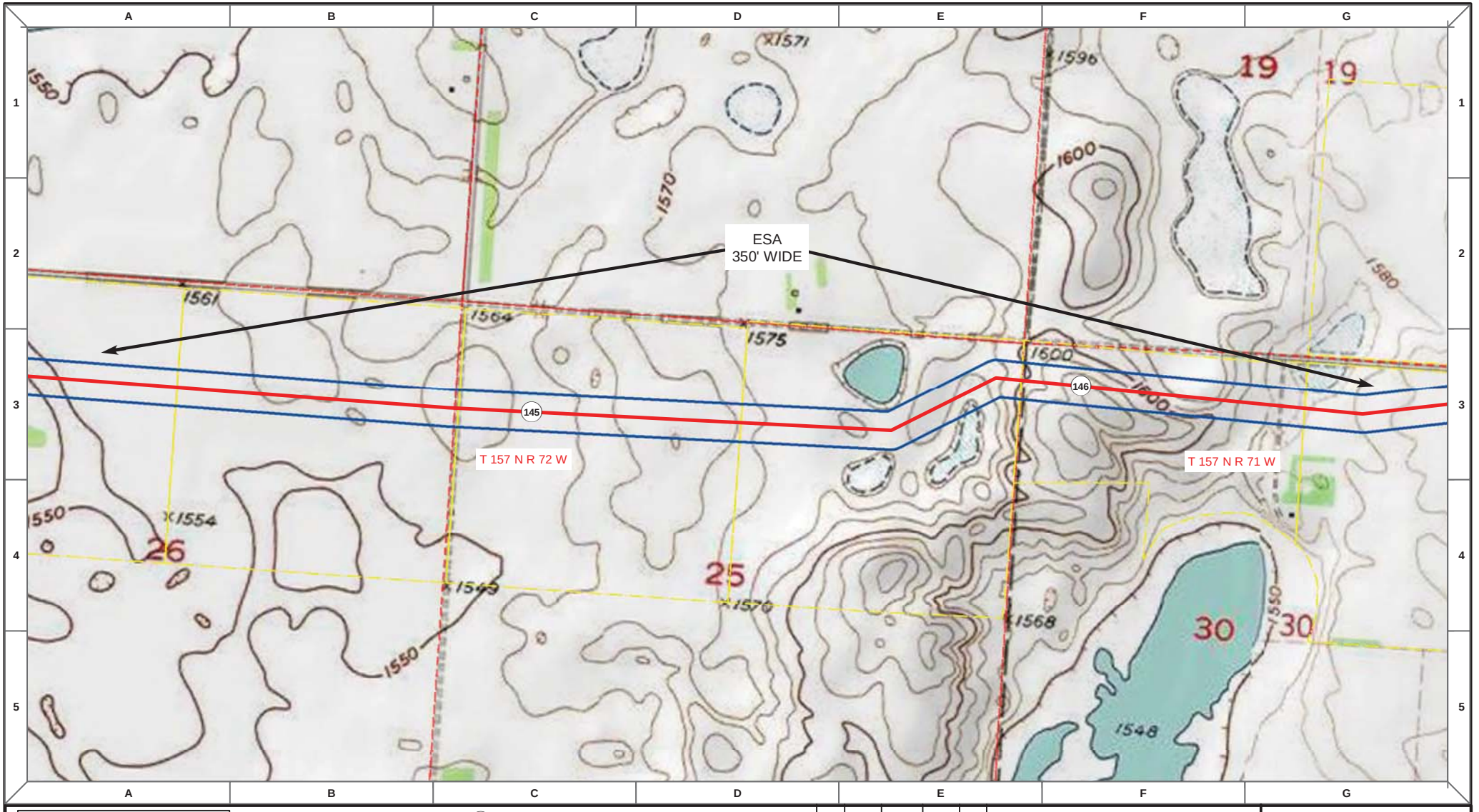
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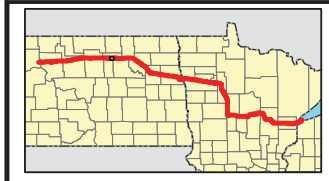
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

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DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:2 Map: 59 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
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Tract Boundary
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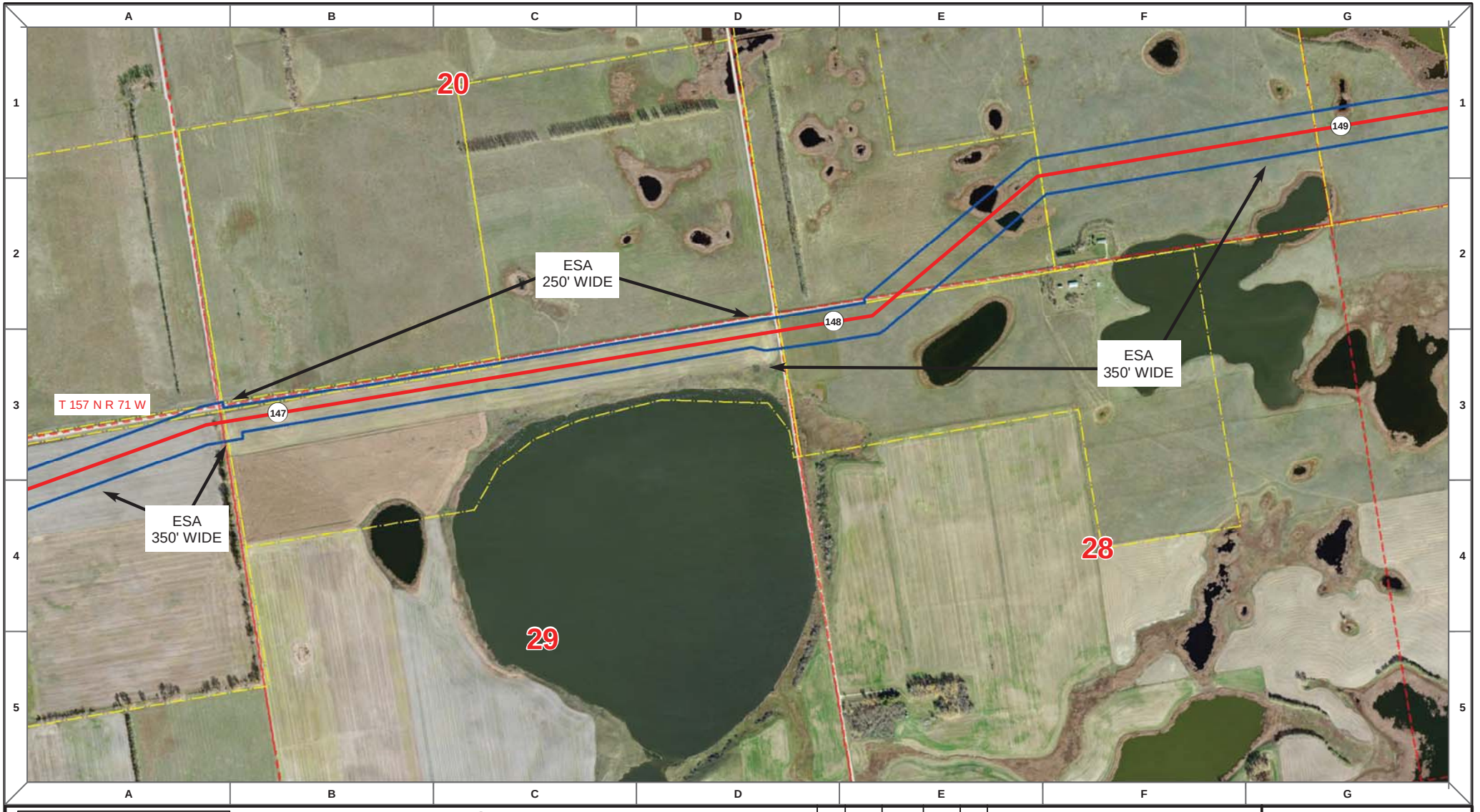
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

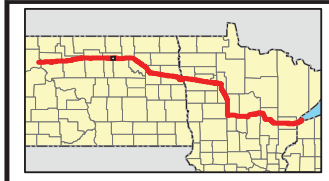
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 59 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

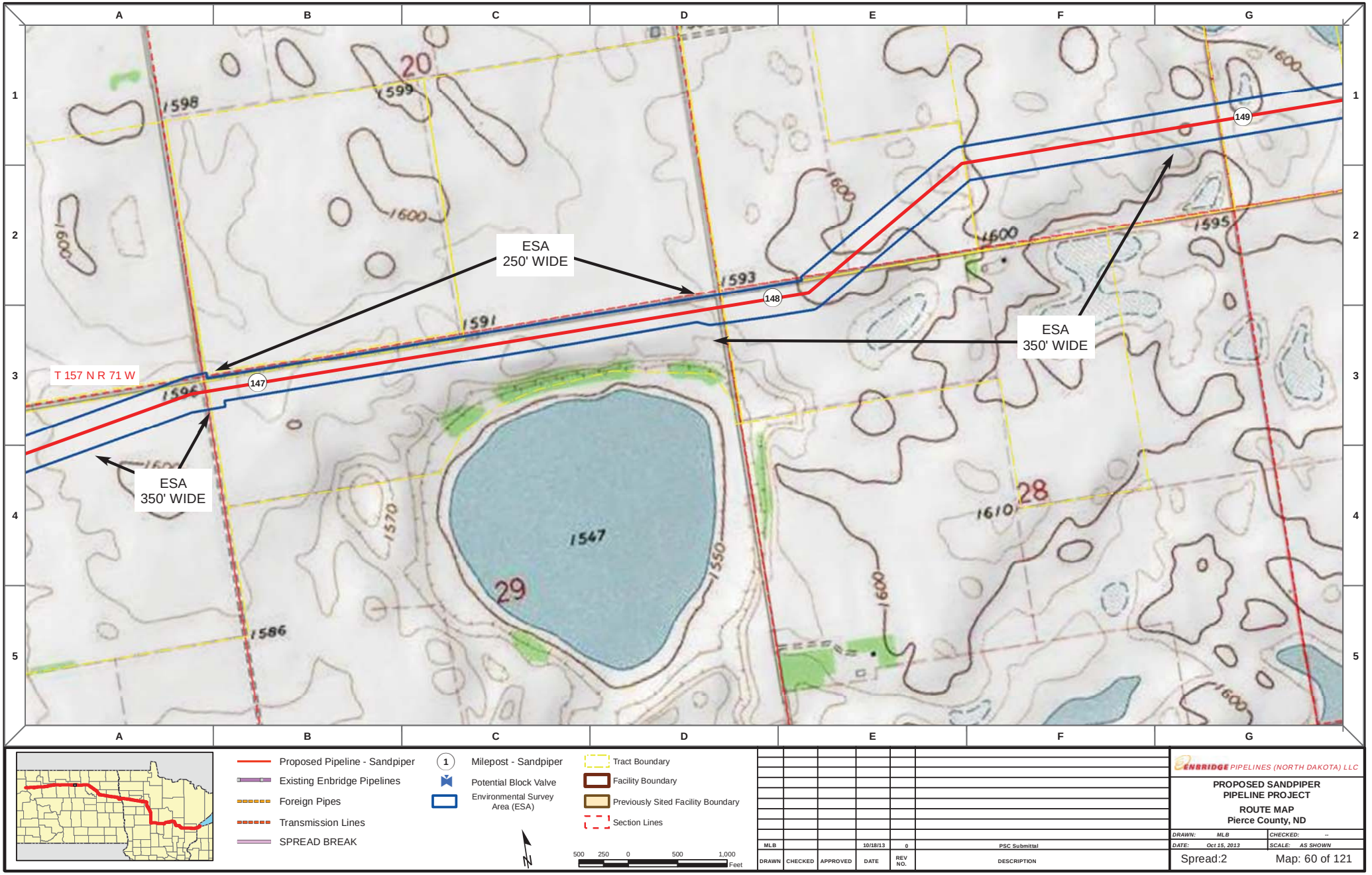
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 60 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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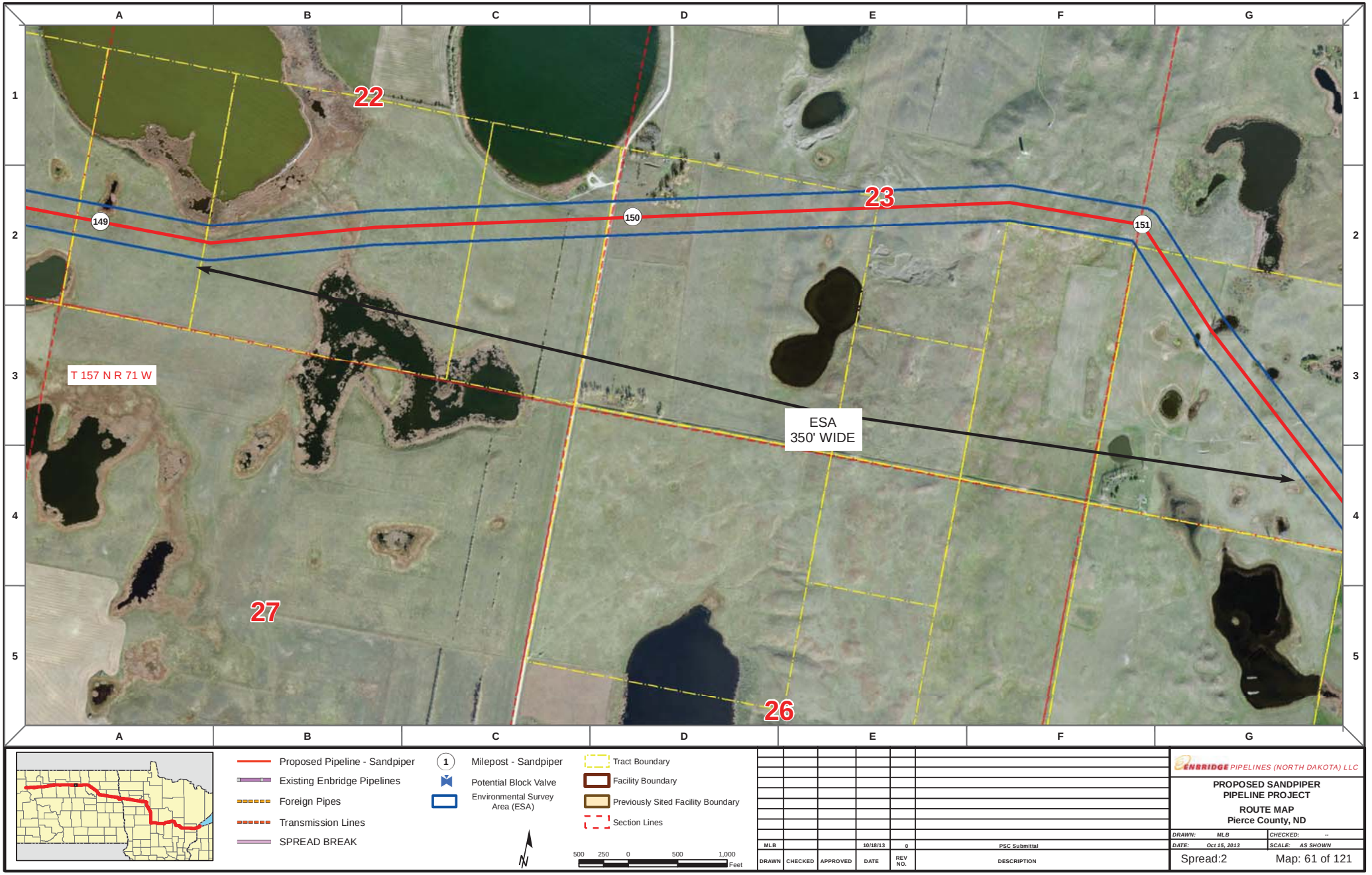
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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Section Lines

N

500 250 0 500 1,000 Feet

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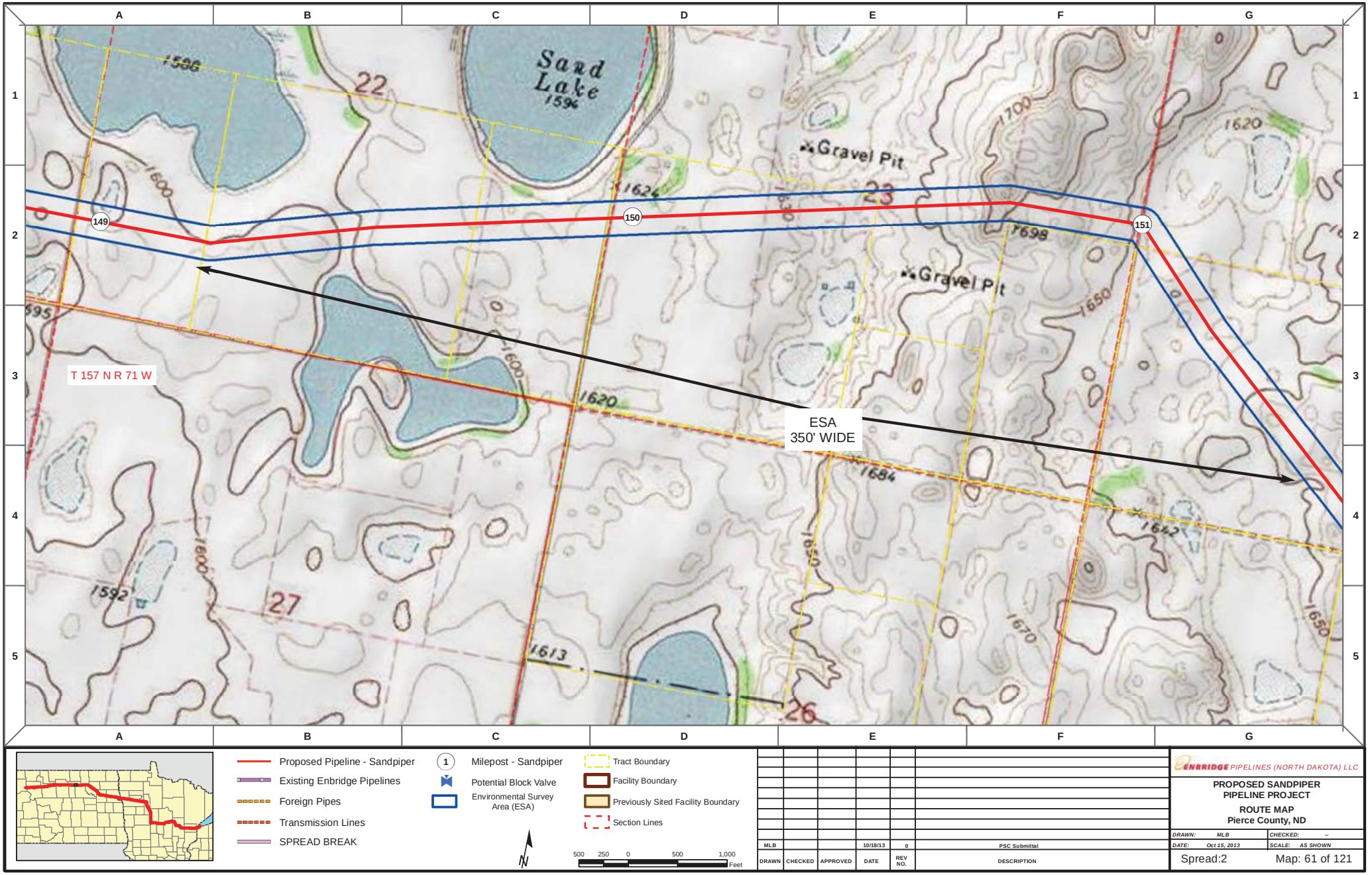
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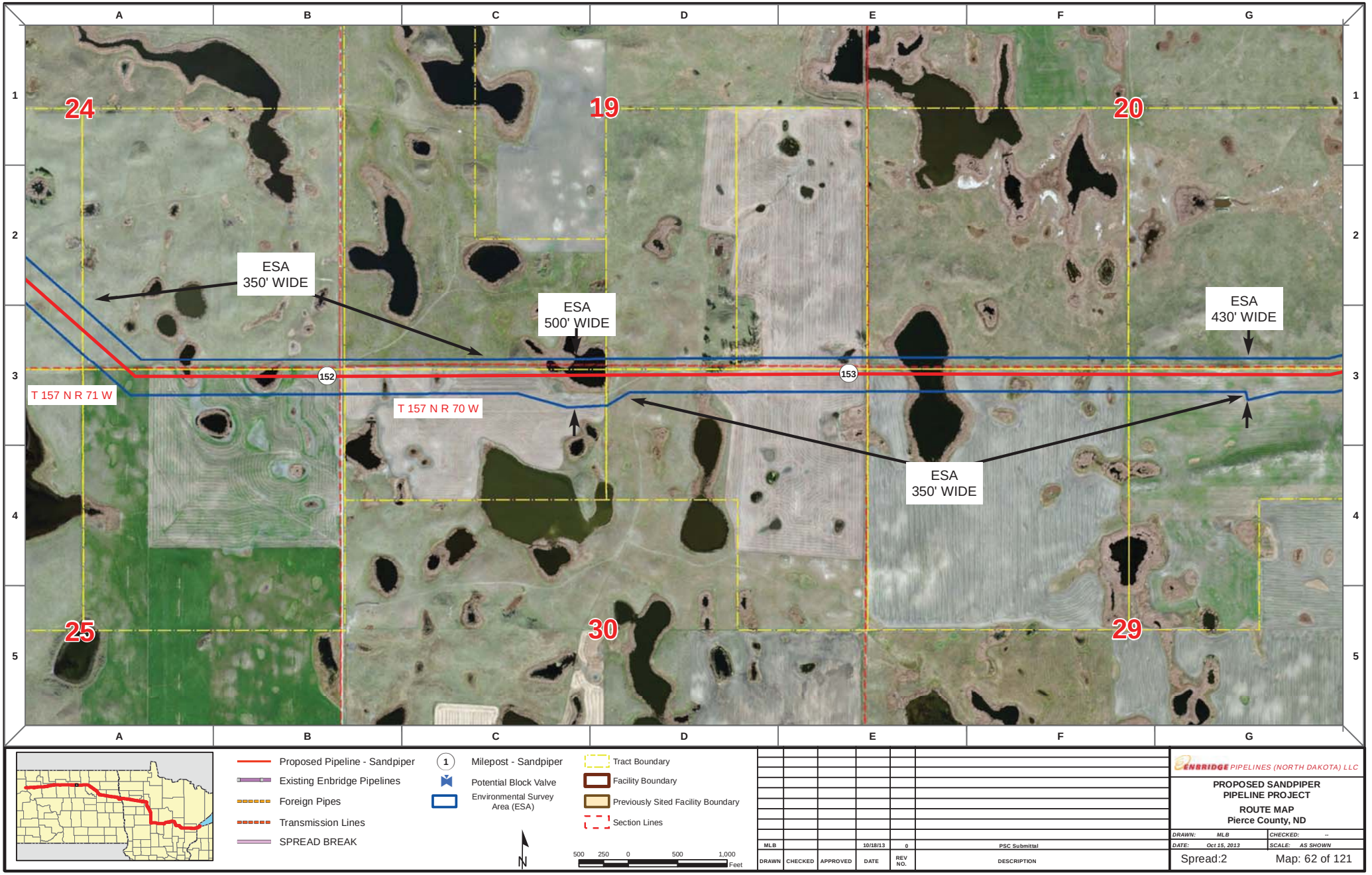
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:2 Map: 61 of 121


Sand Lake
Gravel Pit
Gravel Pit
149
150
151
T 157 N R 71 W
ESA
350' WIDE
22
23
27
26
1586
1624
1700
1620
1600
1698
1650
1620
1684
1642
1592
1613
1670
1650
Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK
Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)
Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines
500 250 0 500 1,000
Feet
MLB 10/18/13 0 PSC Submittal
DRAWN CHECKED APPROVED DATE REV NO. DESCRIPTION
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC
PROPOSED SANDPIPER PIPELINE PROJECT
ROUTE MAP
Pierce County, ND
DRAWN: MLB
CHECKED: --
DATE: Oct 15, 2013
SCALE: AS SHOWN
Spread:2
Map: 61 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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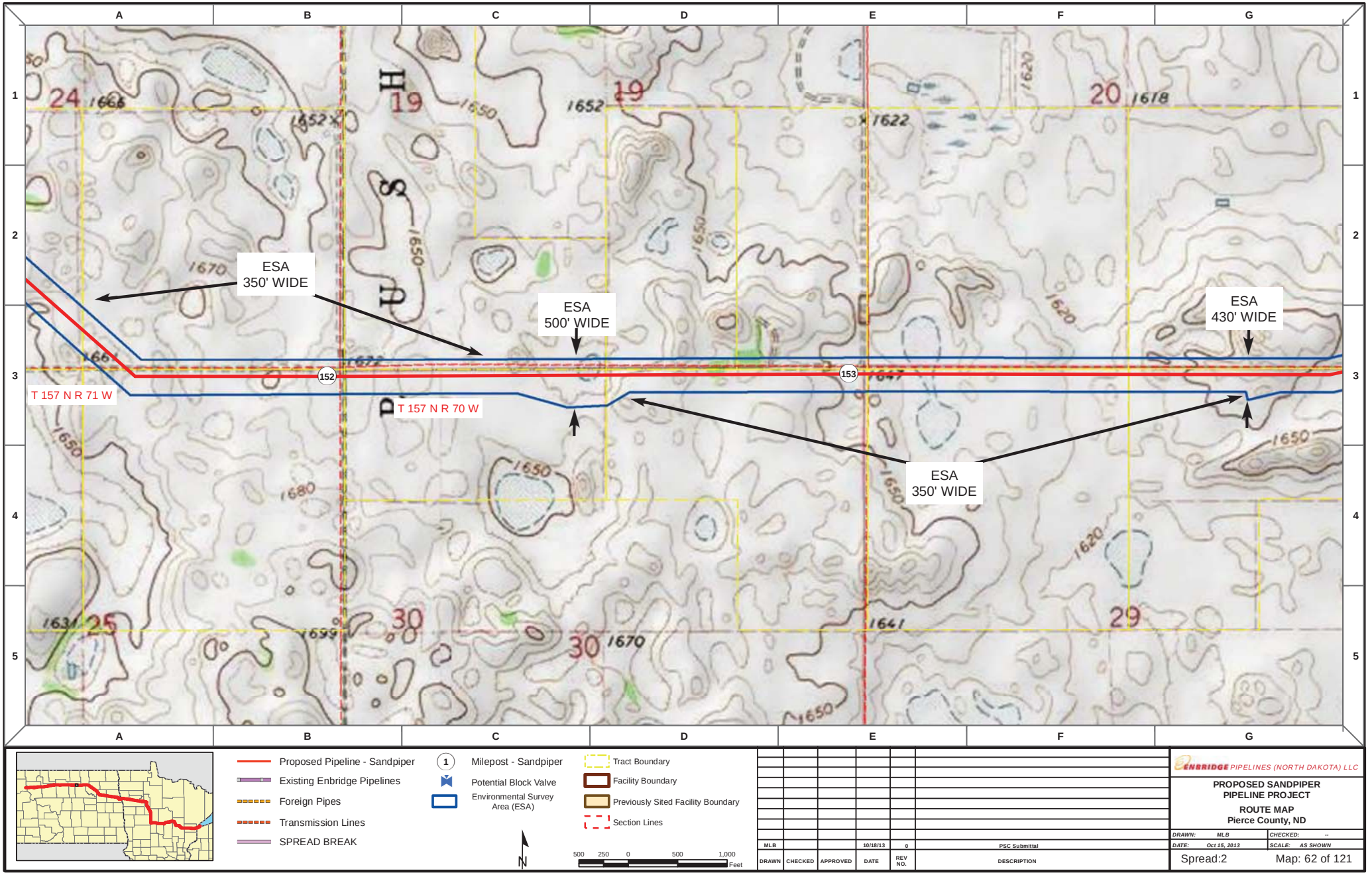
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:2 Map: 62 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
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Tract Boundary
Facility Boundary
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500 250 0 500 1,000 Feet

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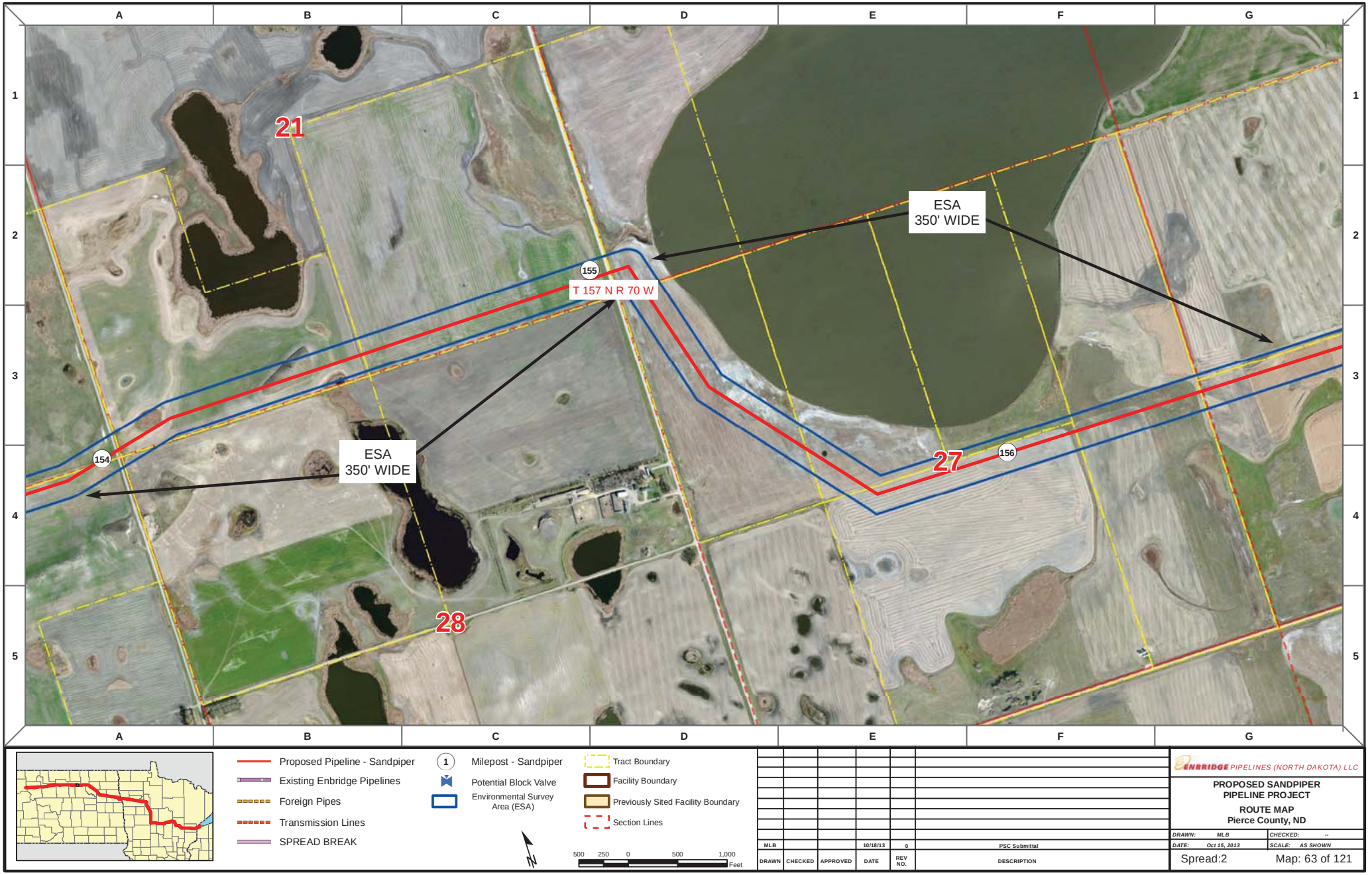
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
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Tract Boundary
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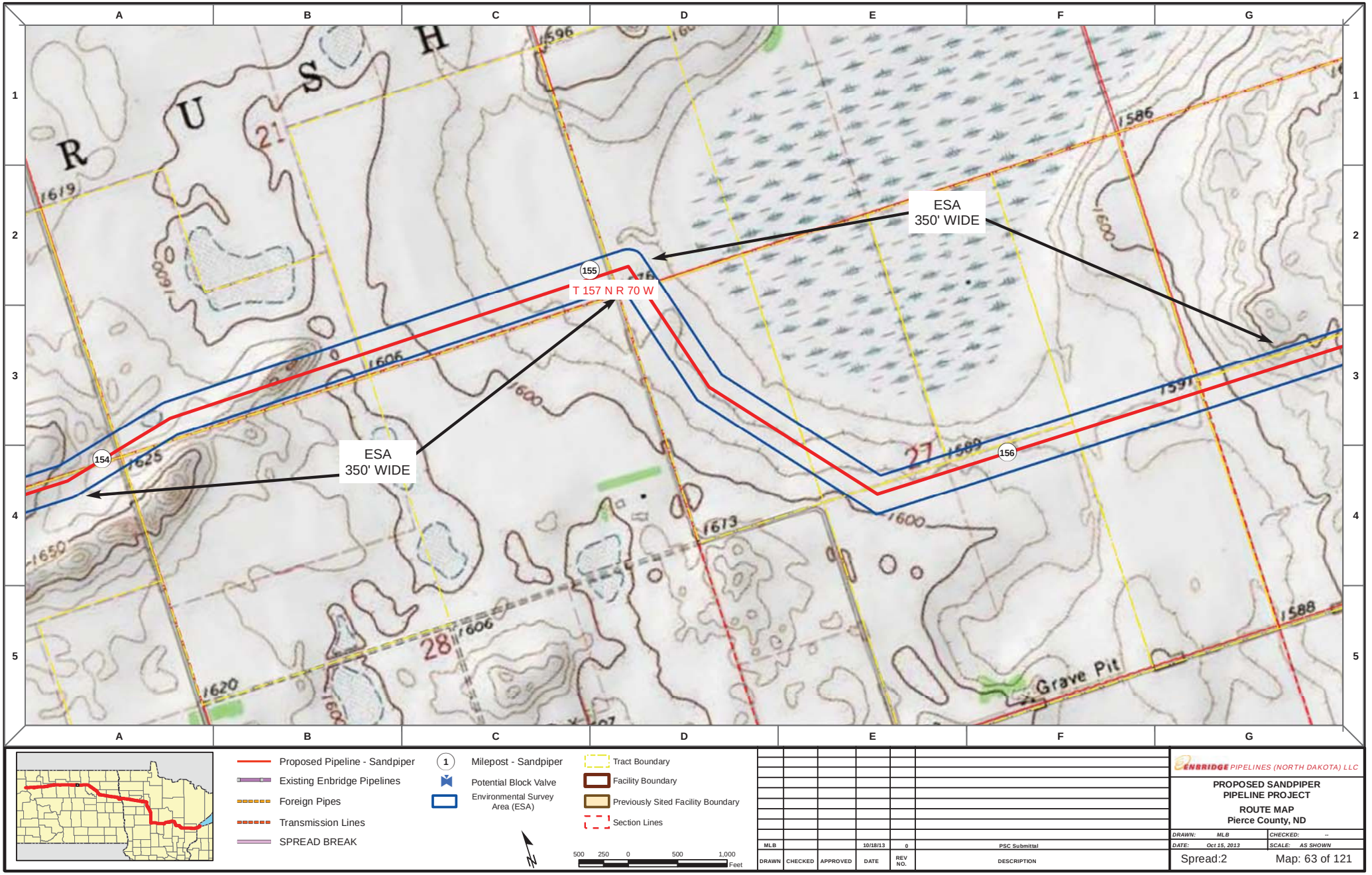
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2 Map: 63 of 121



MLB			10/18/13	0	PSC Submittal
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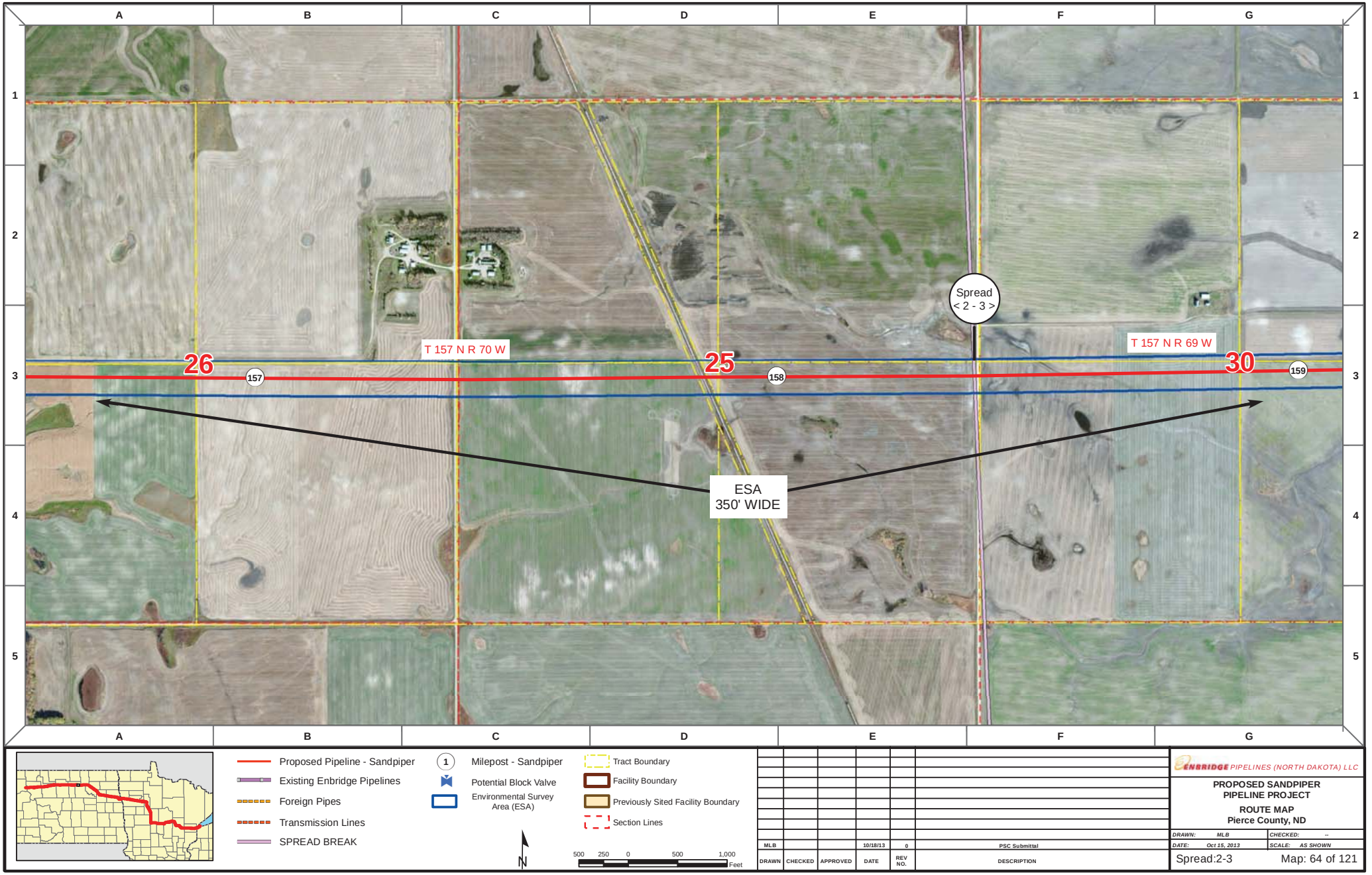
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:2 Map: 63 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
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Tract Boundary
Facility Boundary
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500 250 0 500 1,000 Feet

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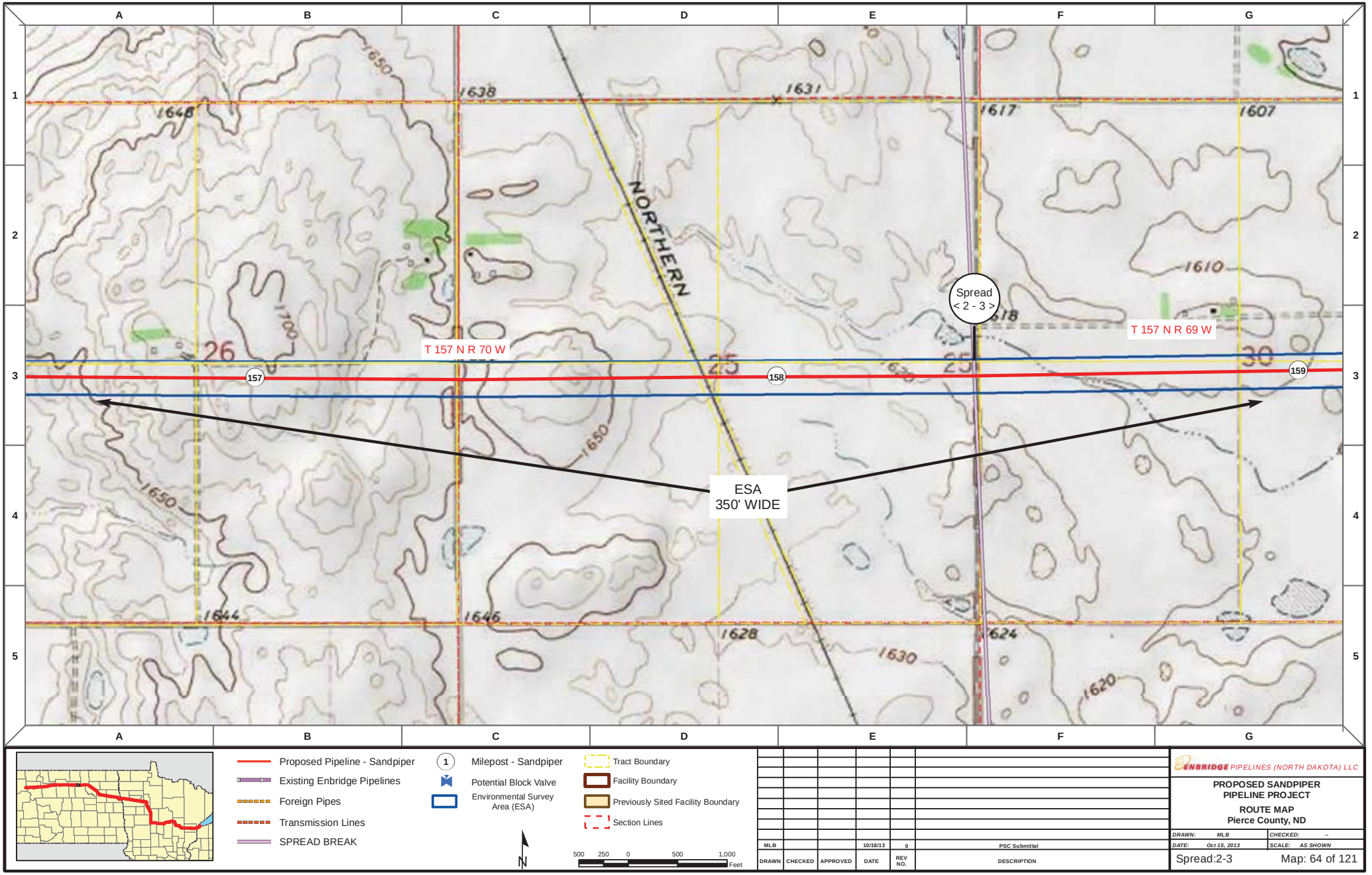
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:2-3 Map: 64 of 121



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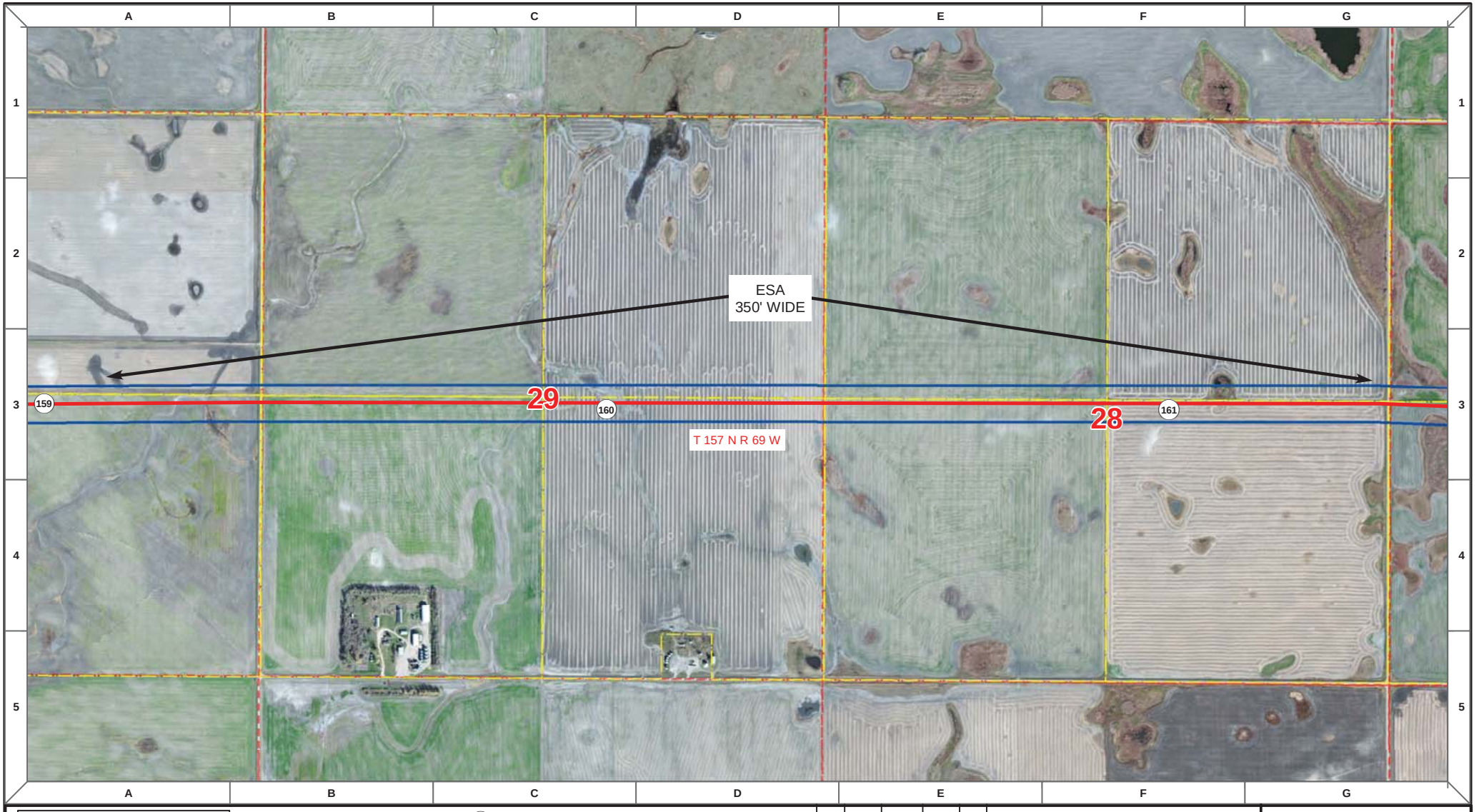
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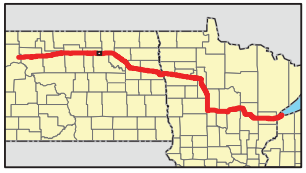
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:2-3 Map: 64 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
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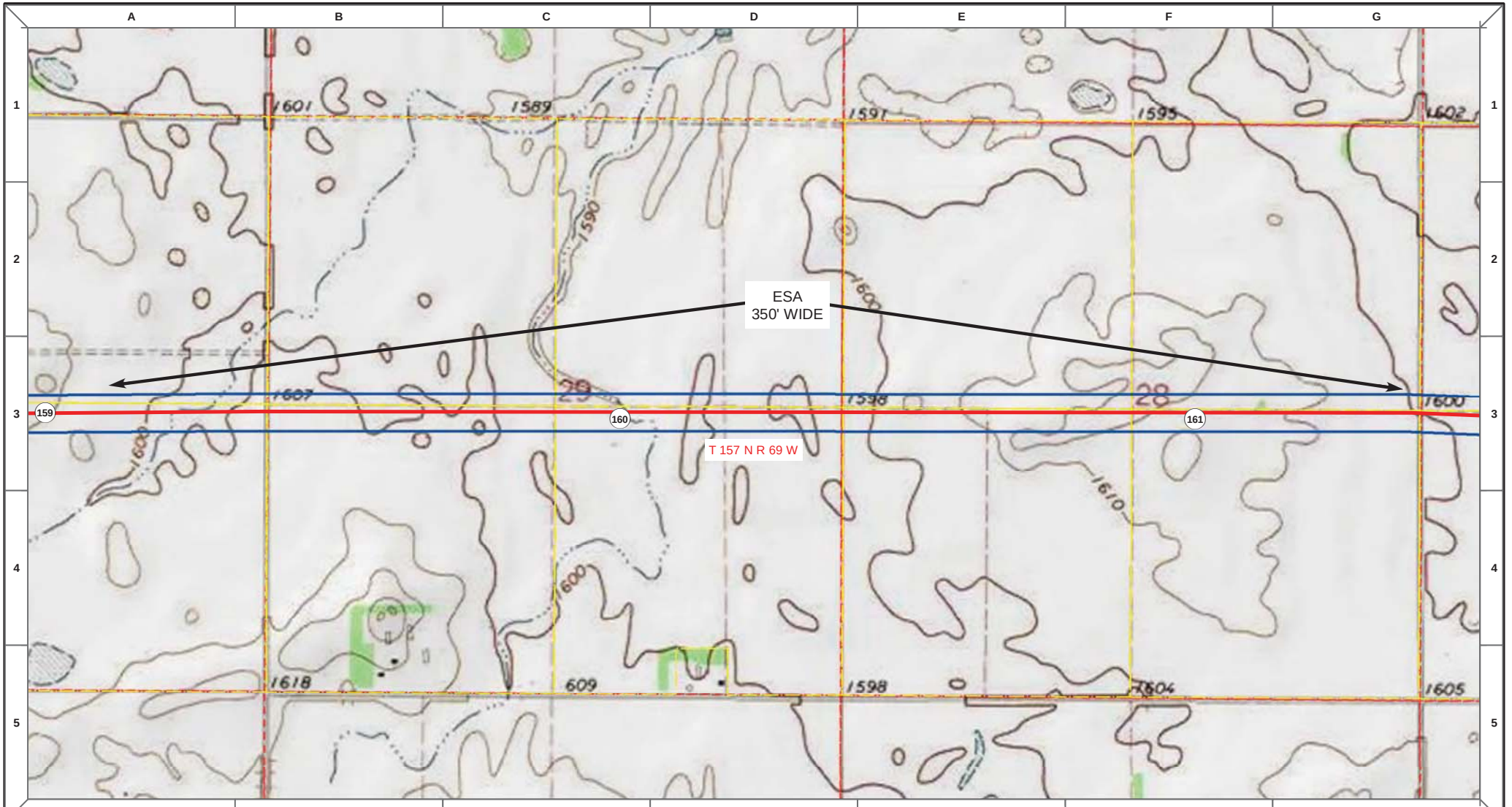
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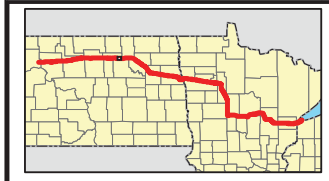
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

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Spread:3 Map: 65 of 121





Proposed Pipeline - Sandpiper
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Transmission Lines
SPREAD BREAK

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Environmental Survey Area (ESA)

Tract Boundary
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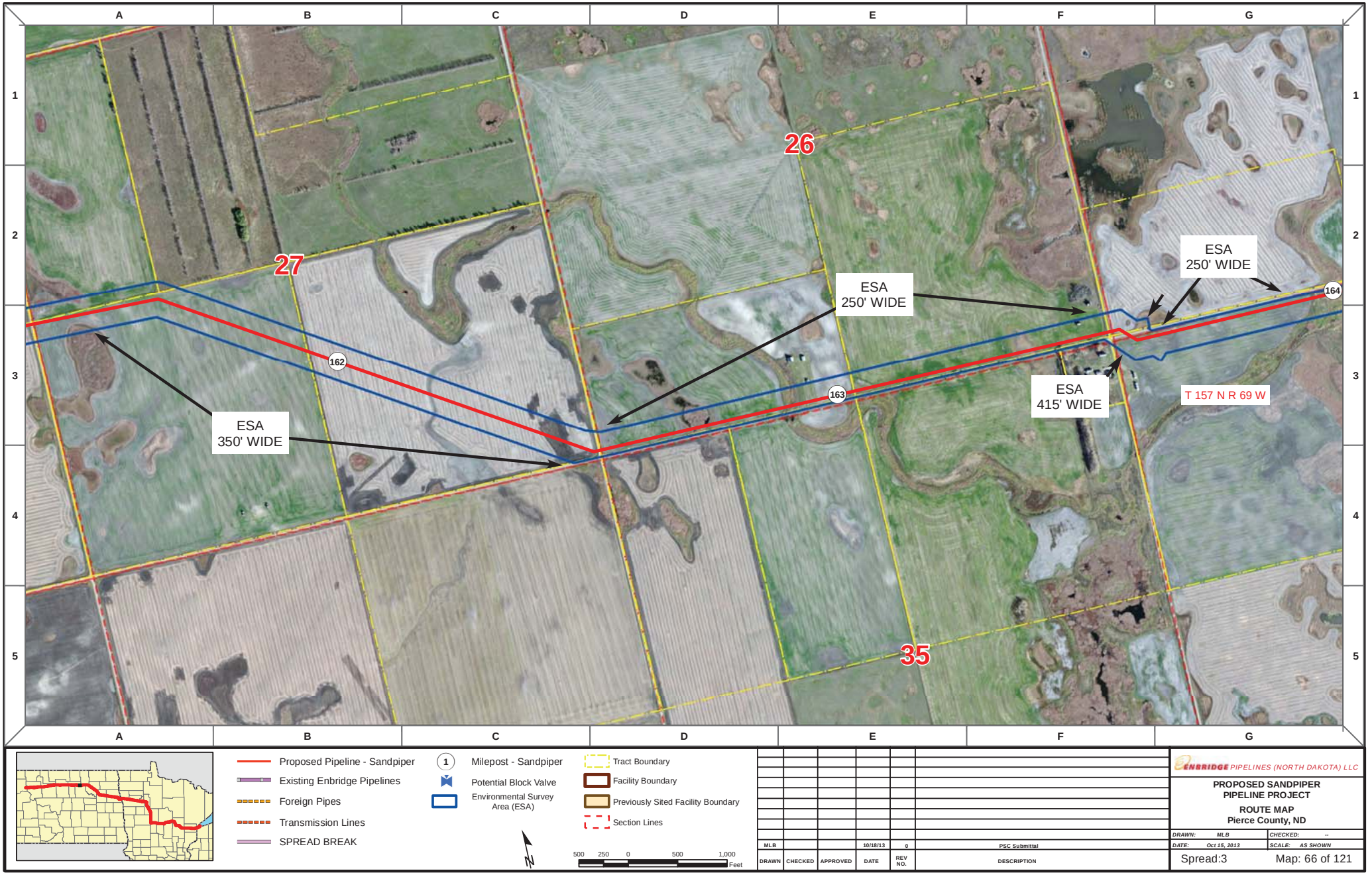
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

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Spread:3 Map: 65 of 121



Proposed Pipeline - Sandpiper
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1 Milepost - Sandpiper
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Tract Boundary
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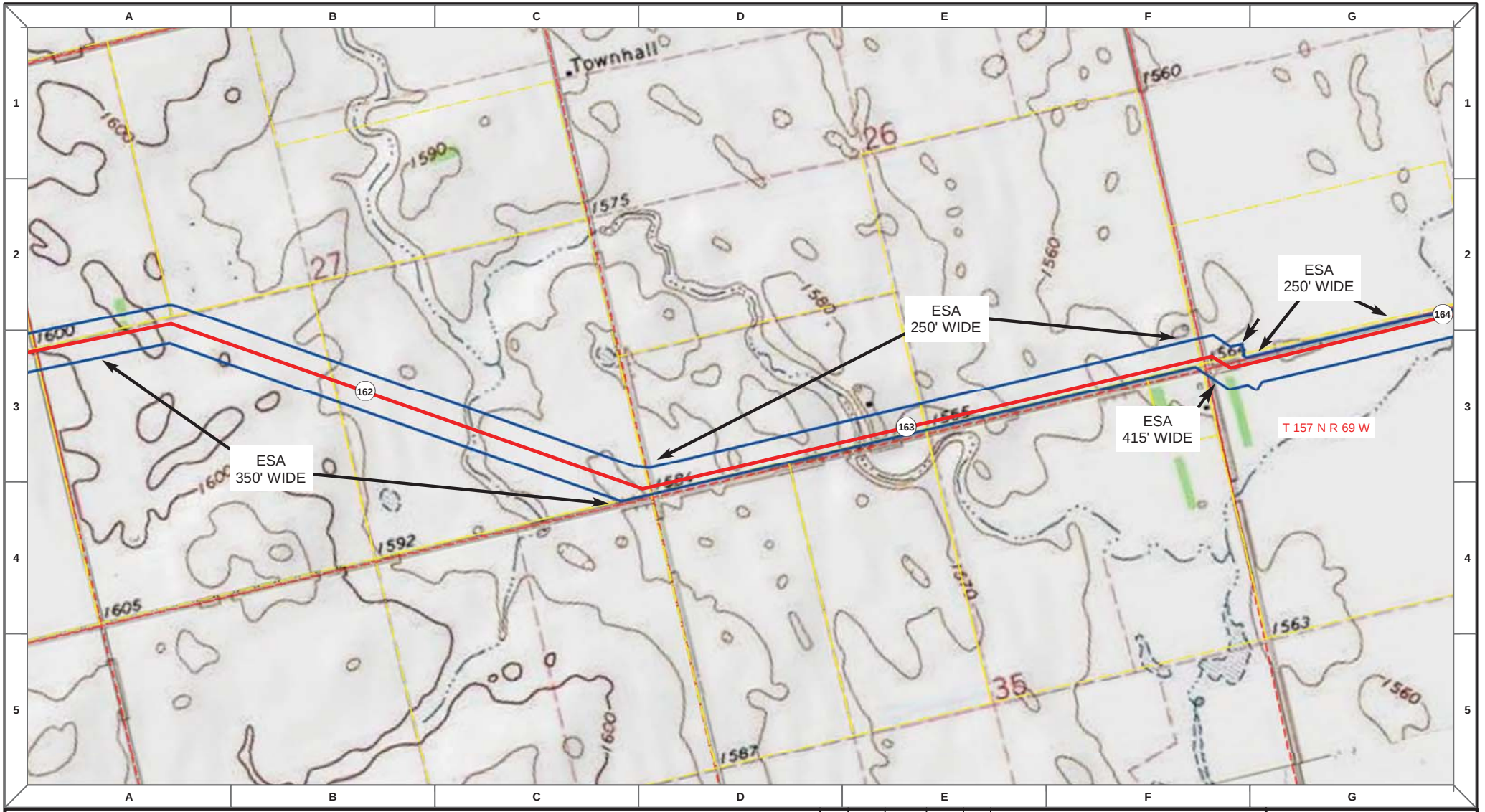
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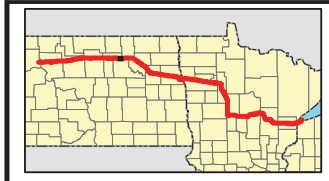
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

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Proposed Pipeline - Sandpiper
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SPREAD BREAK

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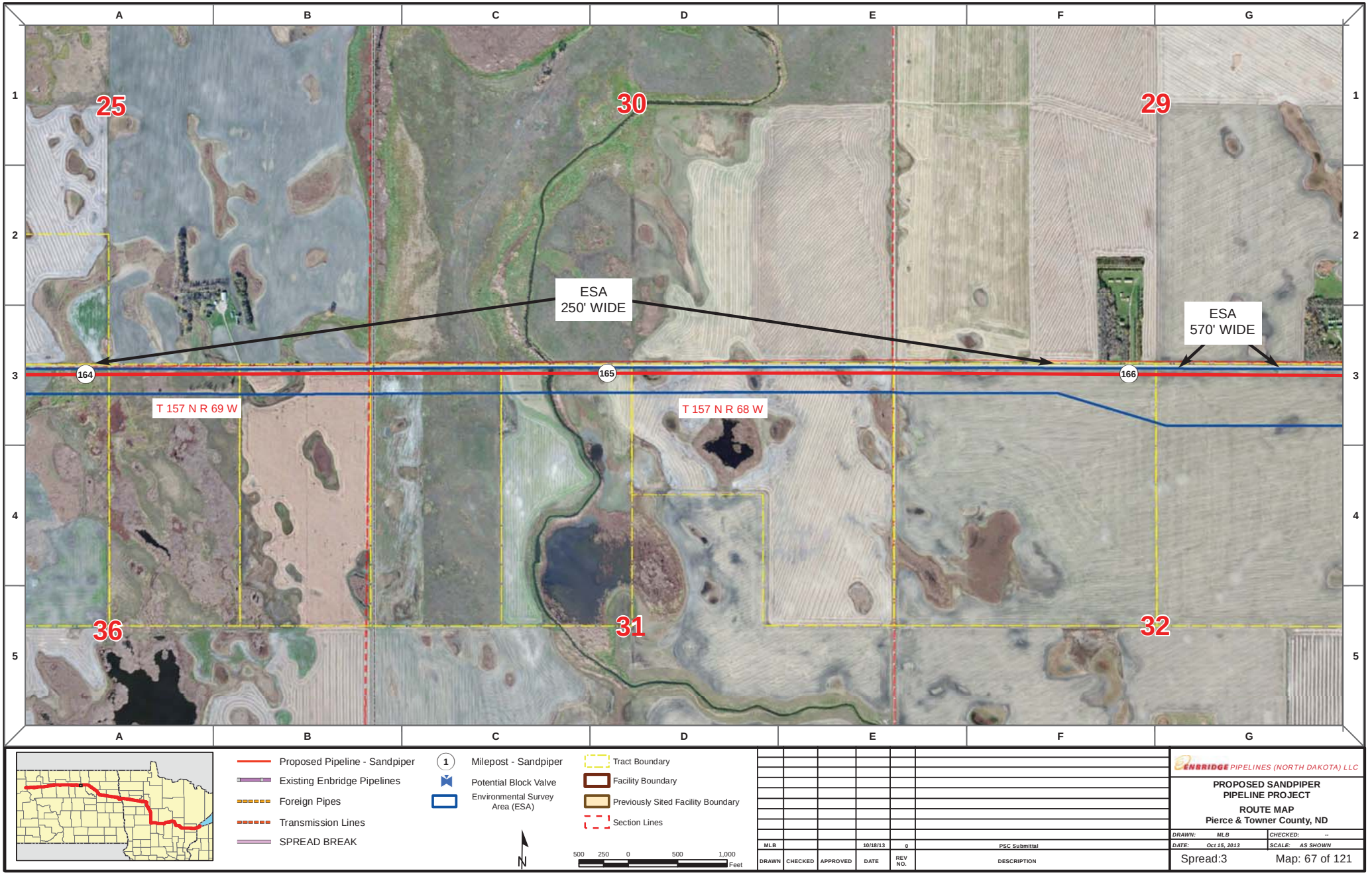
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
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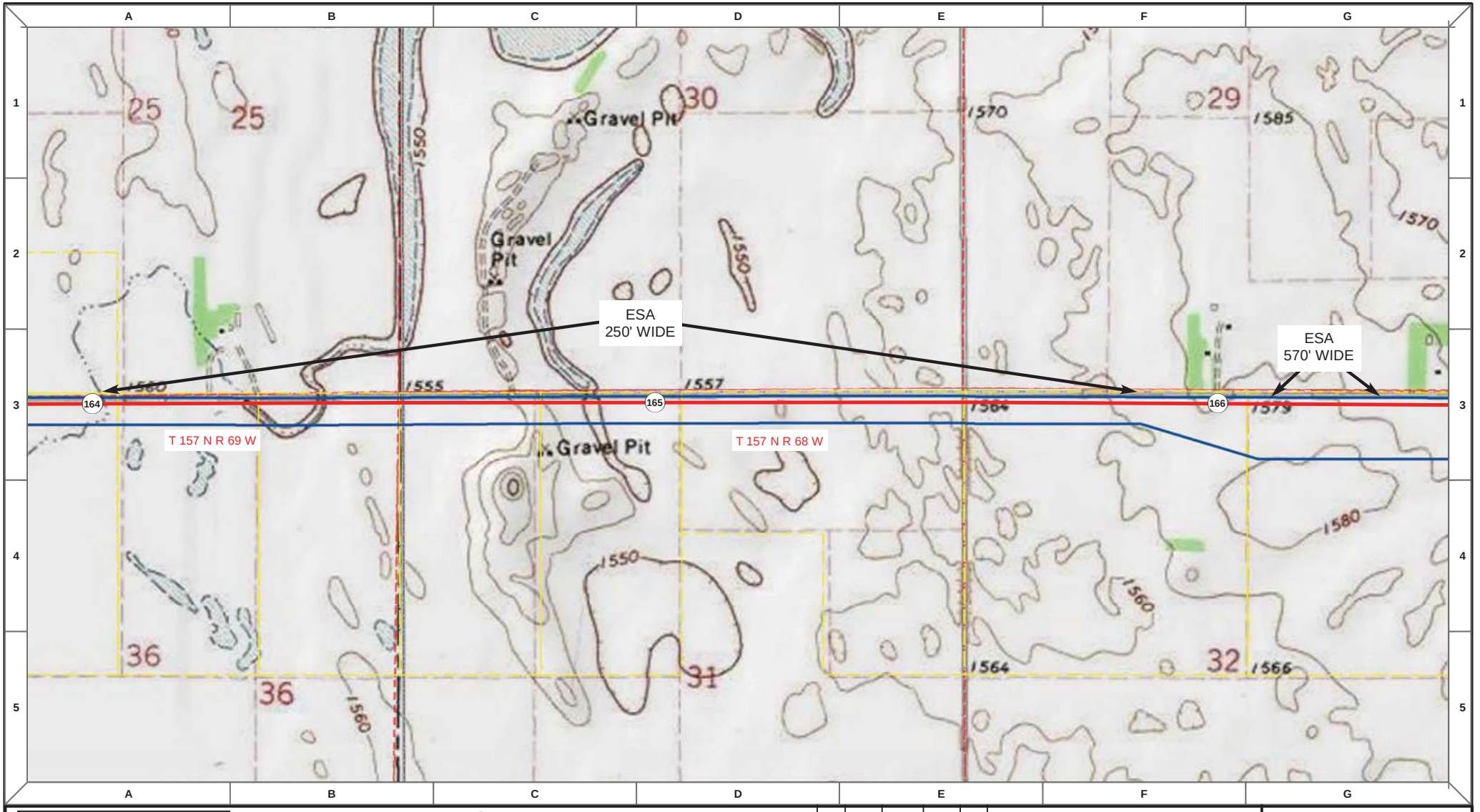
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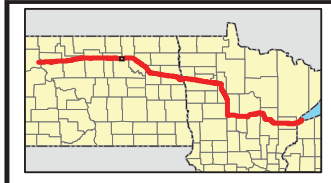
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce & Towner County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:3 Map: 67 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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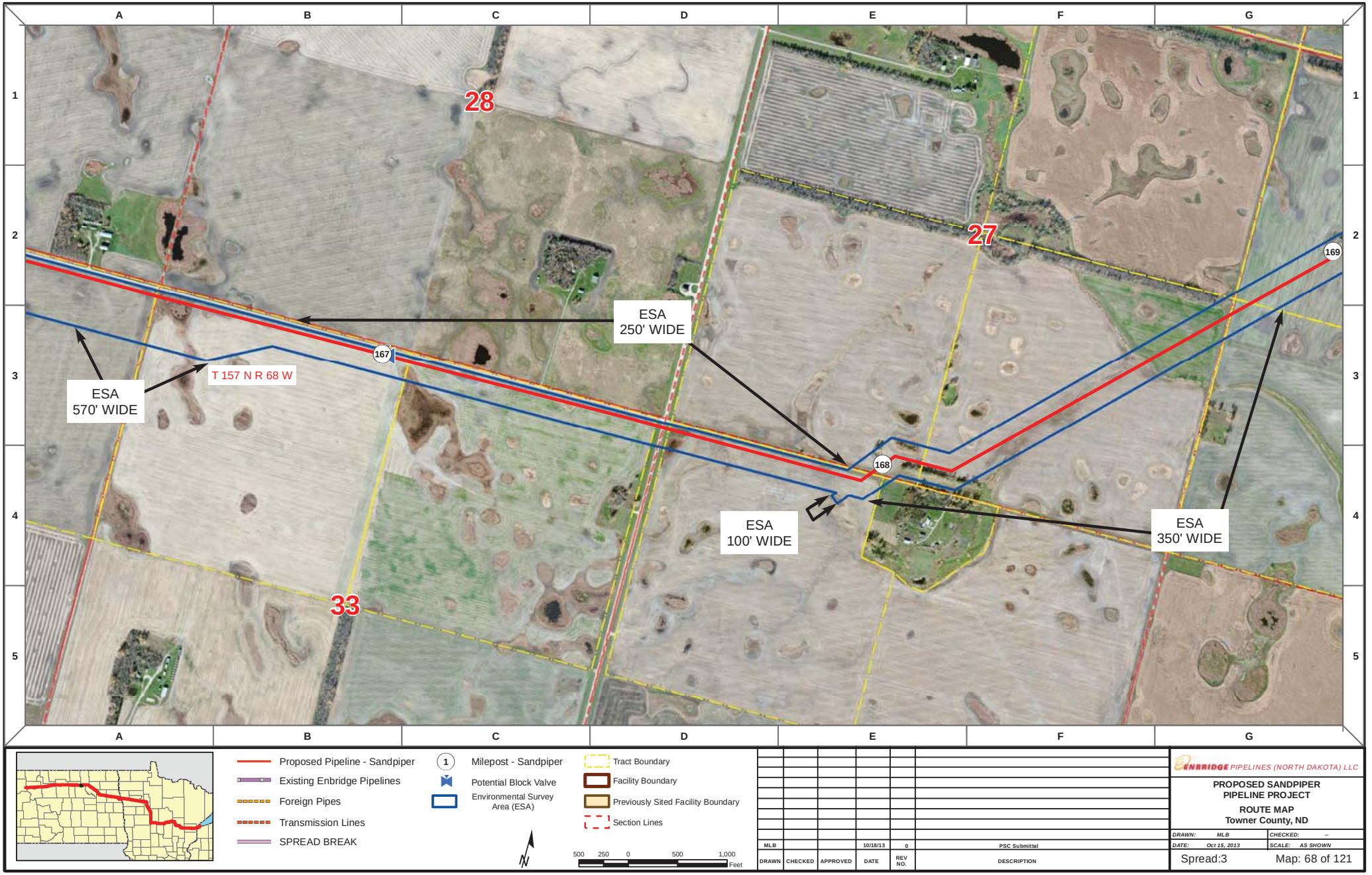
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Pierce & Towner County, ND

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DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:3 Map: 67 of 121



Proposed Pipeline - Sandpiper
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SPREAD BREAK

1 Milepost - Sandpiper
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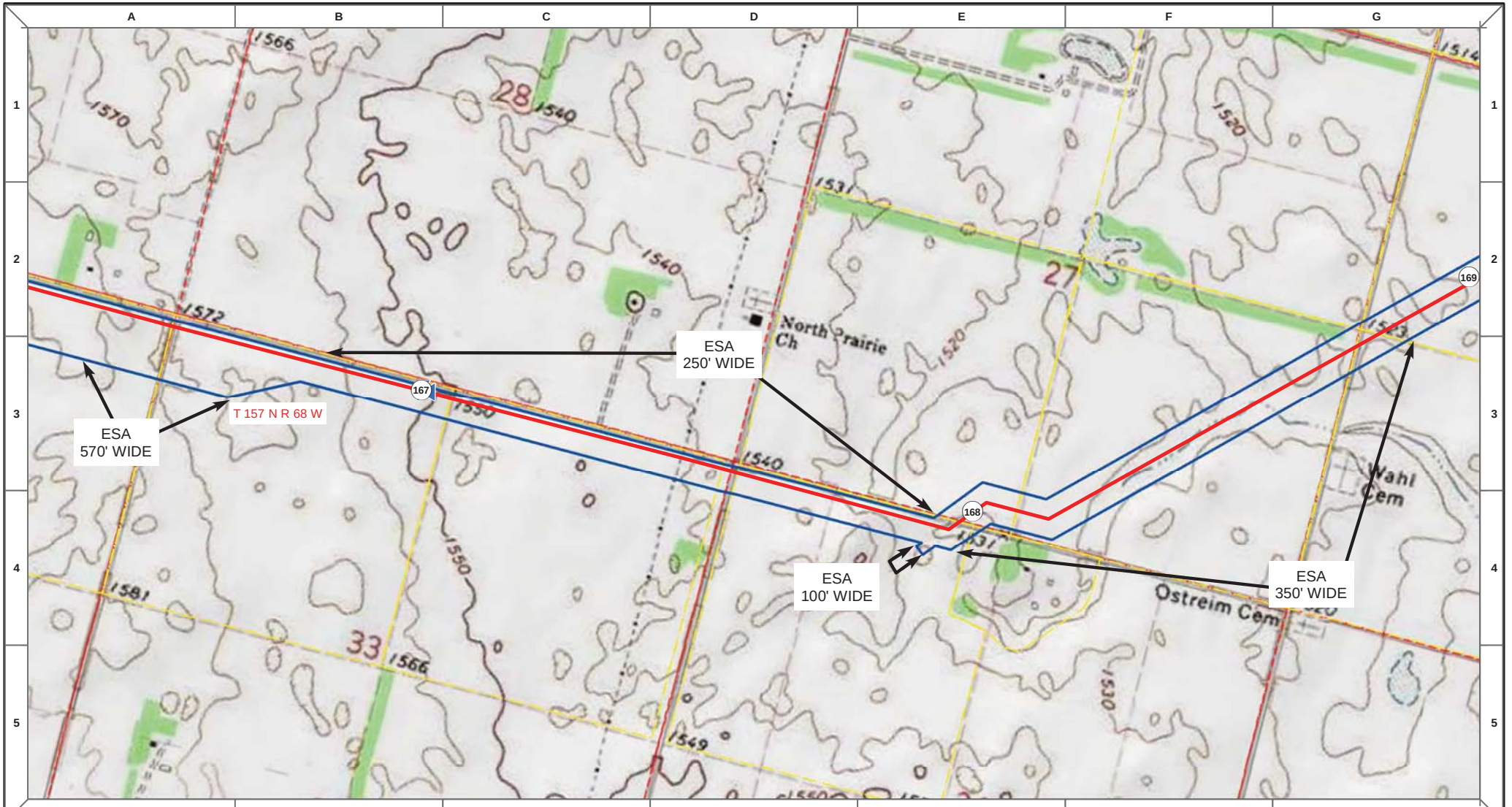
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Towner County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:3 Map: 68 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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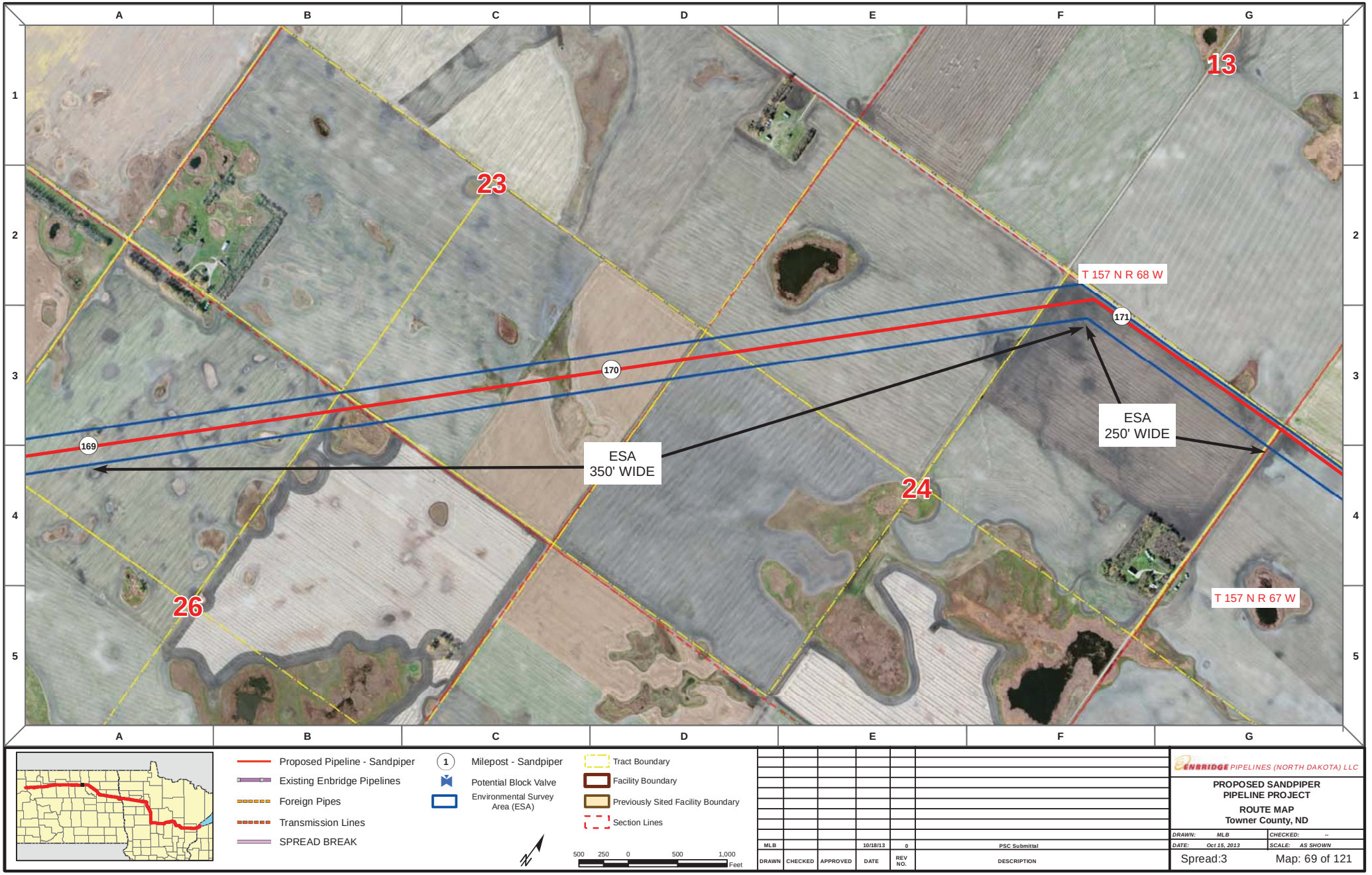
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Towner County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:3 Map: 68 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
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500 250 0 500 1,000 Feet

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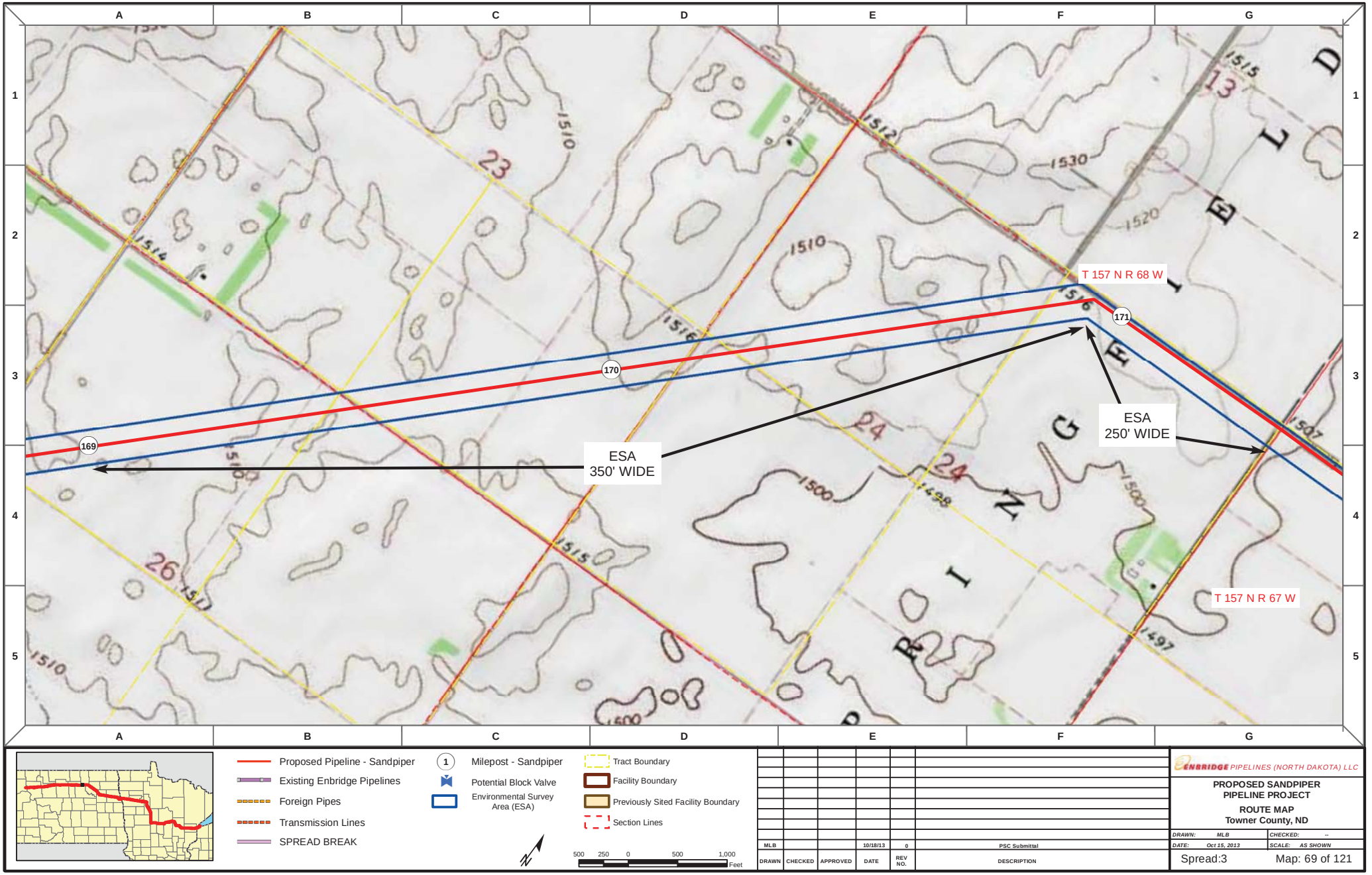
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Towner County, ND

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Spread:3 Map: 69 of 121



Proposed Pipeline - Sandpiper
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Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
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Tract Boundary
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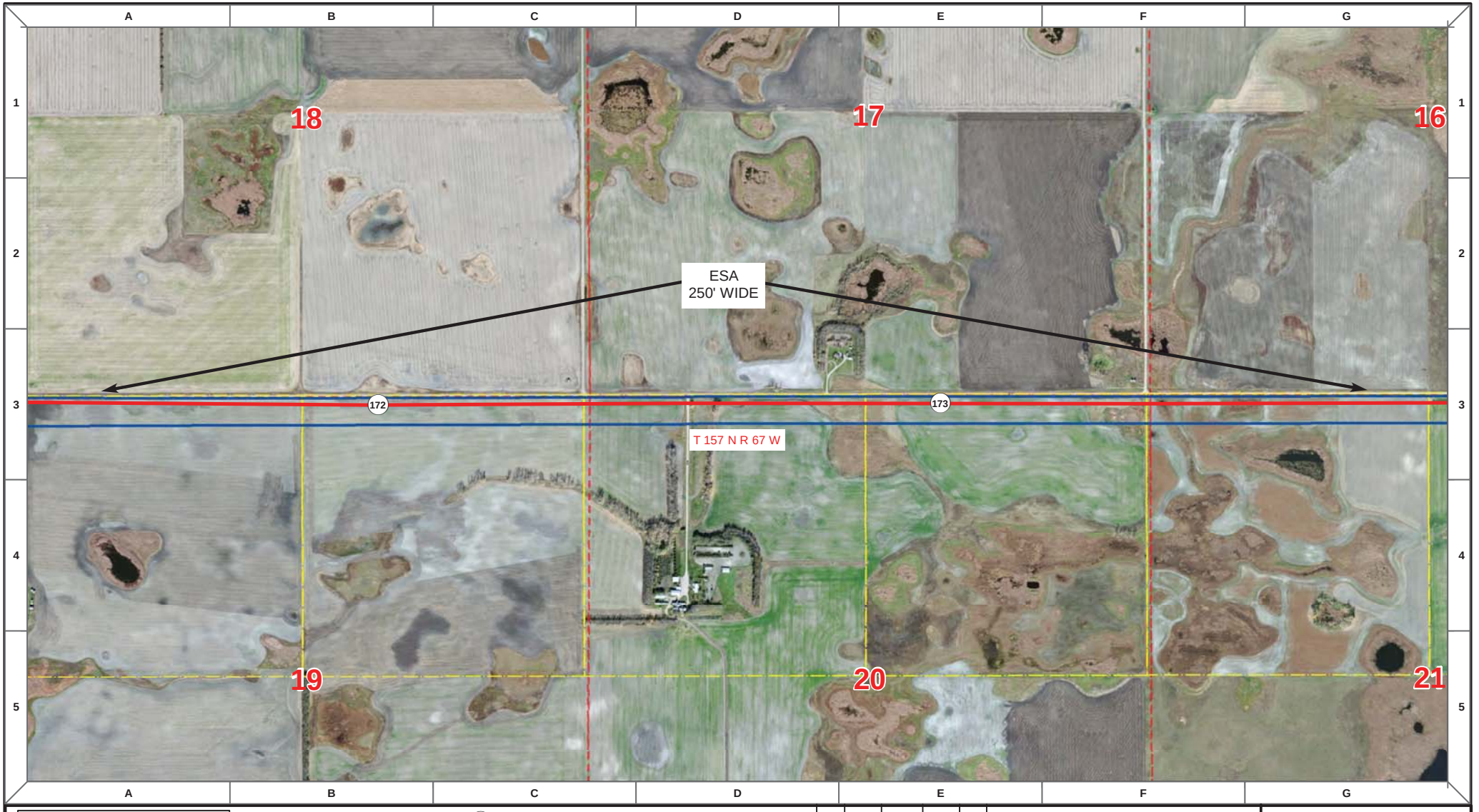
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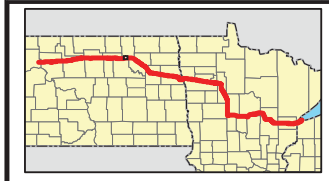
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Towner County, ND

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Proposed Pipeline - Sandpiper
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1 Milepost - Sandpiper
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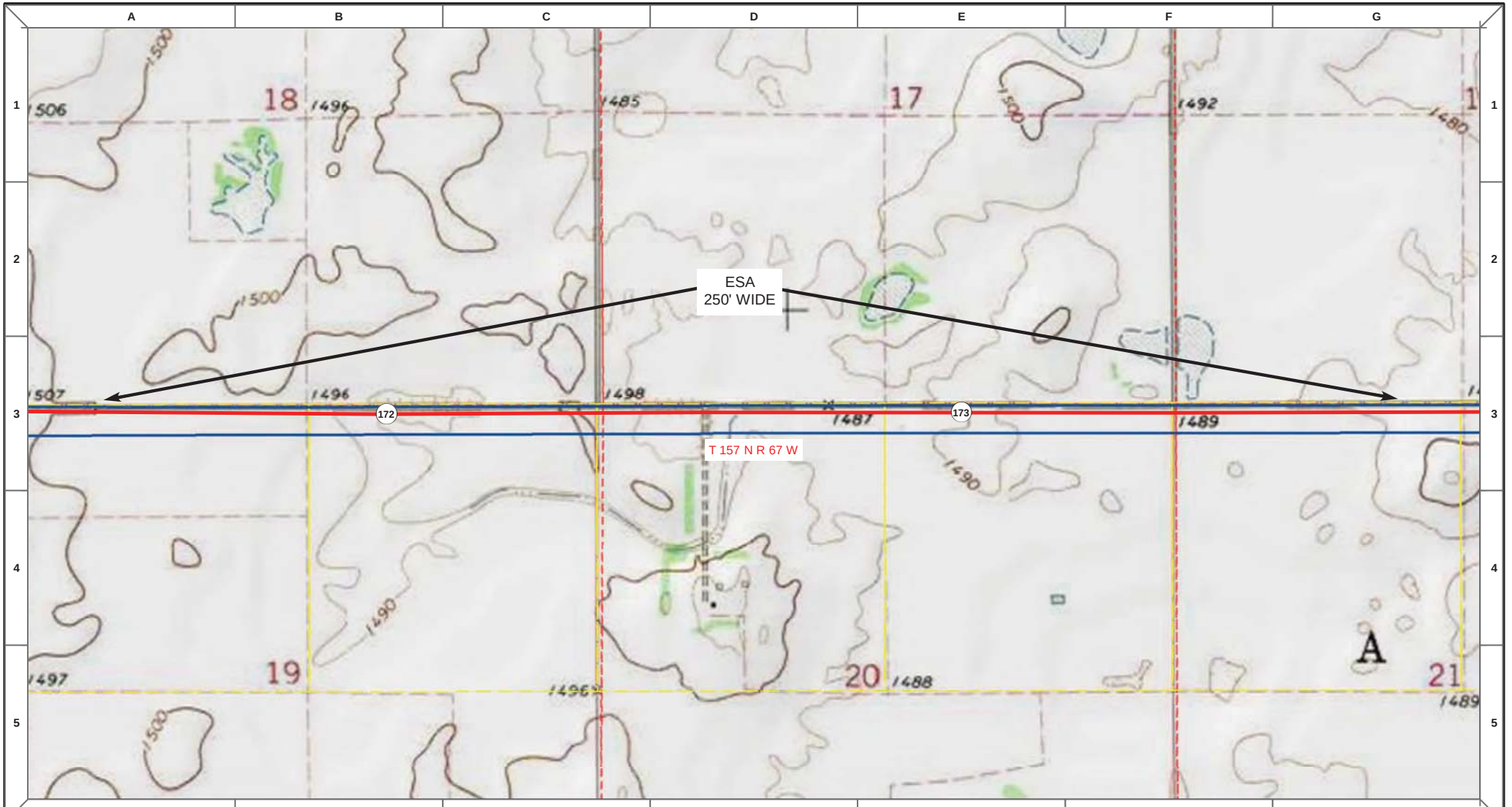
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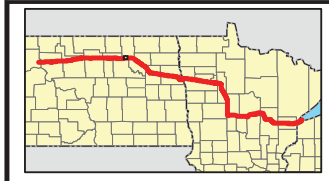
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Towner County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:3 Map: 70 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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MLB			10/18/13	0	PSC Submittal

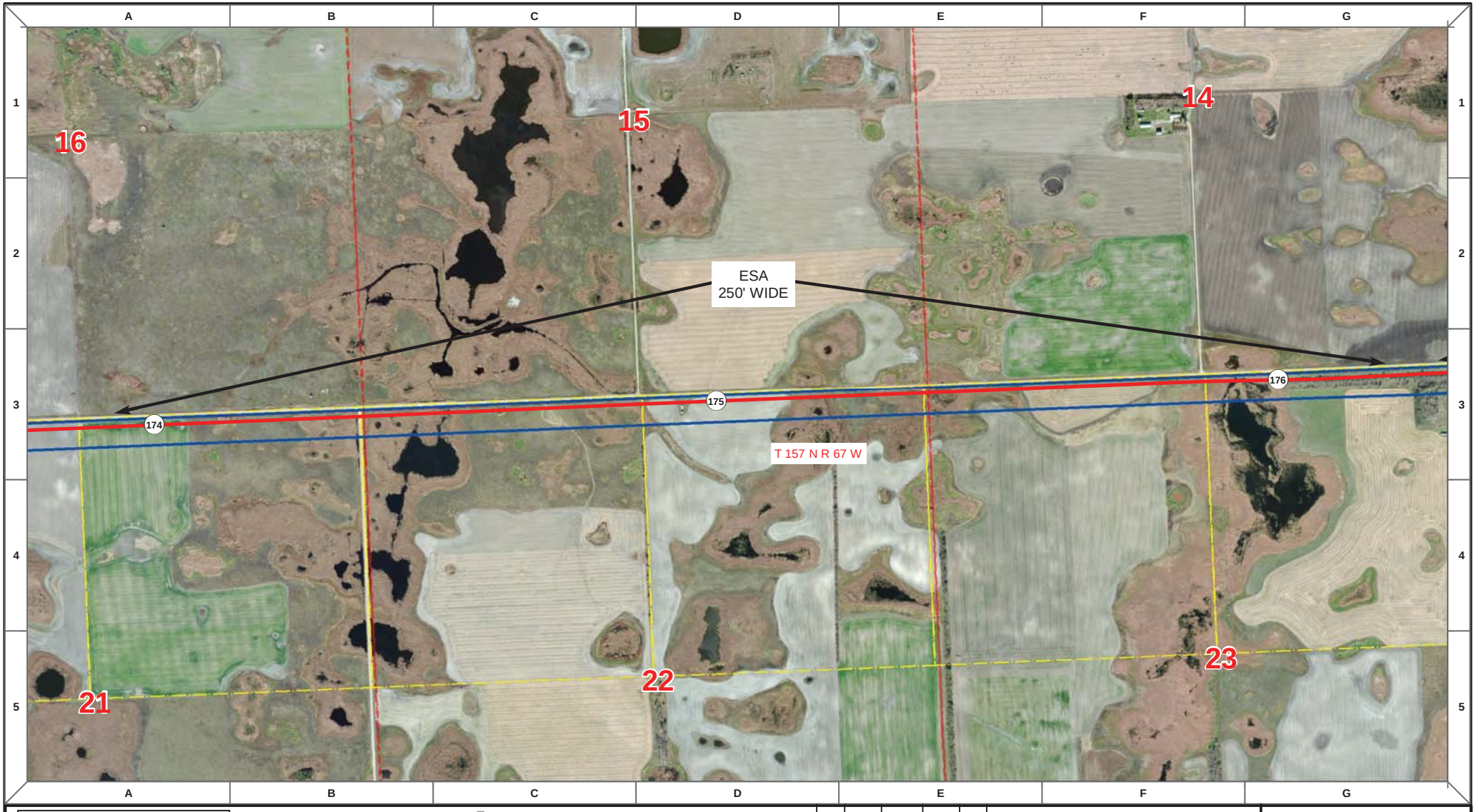
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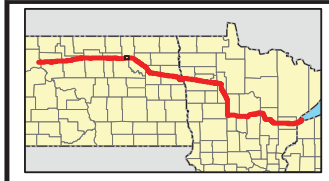
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Towner County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:3 Map: 70 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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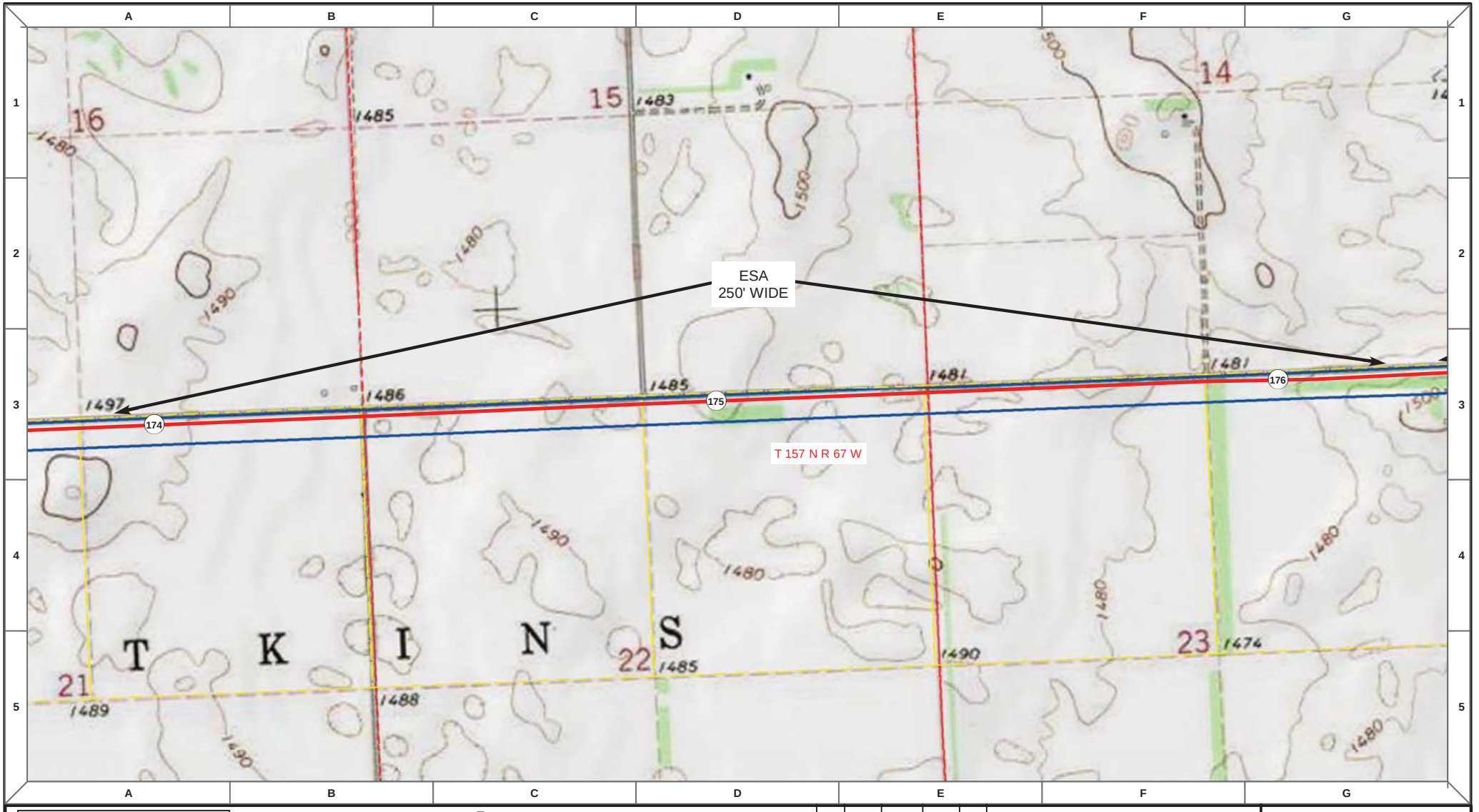
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Towner County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:3 Map: 71 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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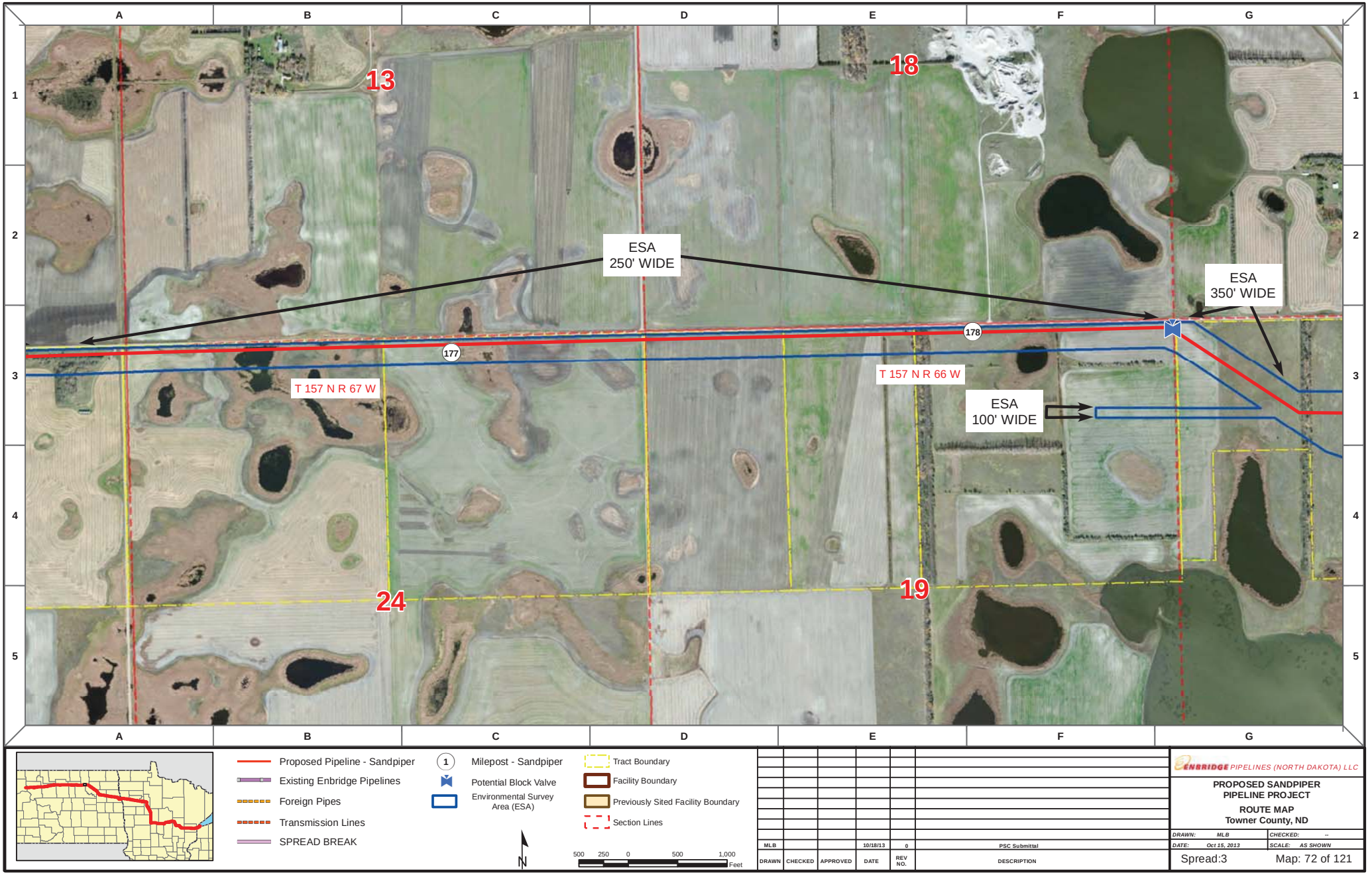
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Towner County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:3 Map: 71 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
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Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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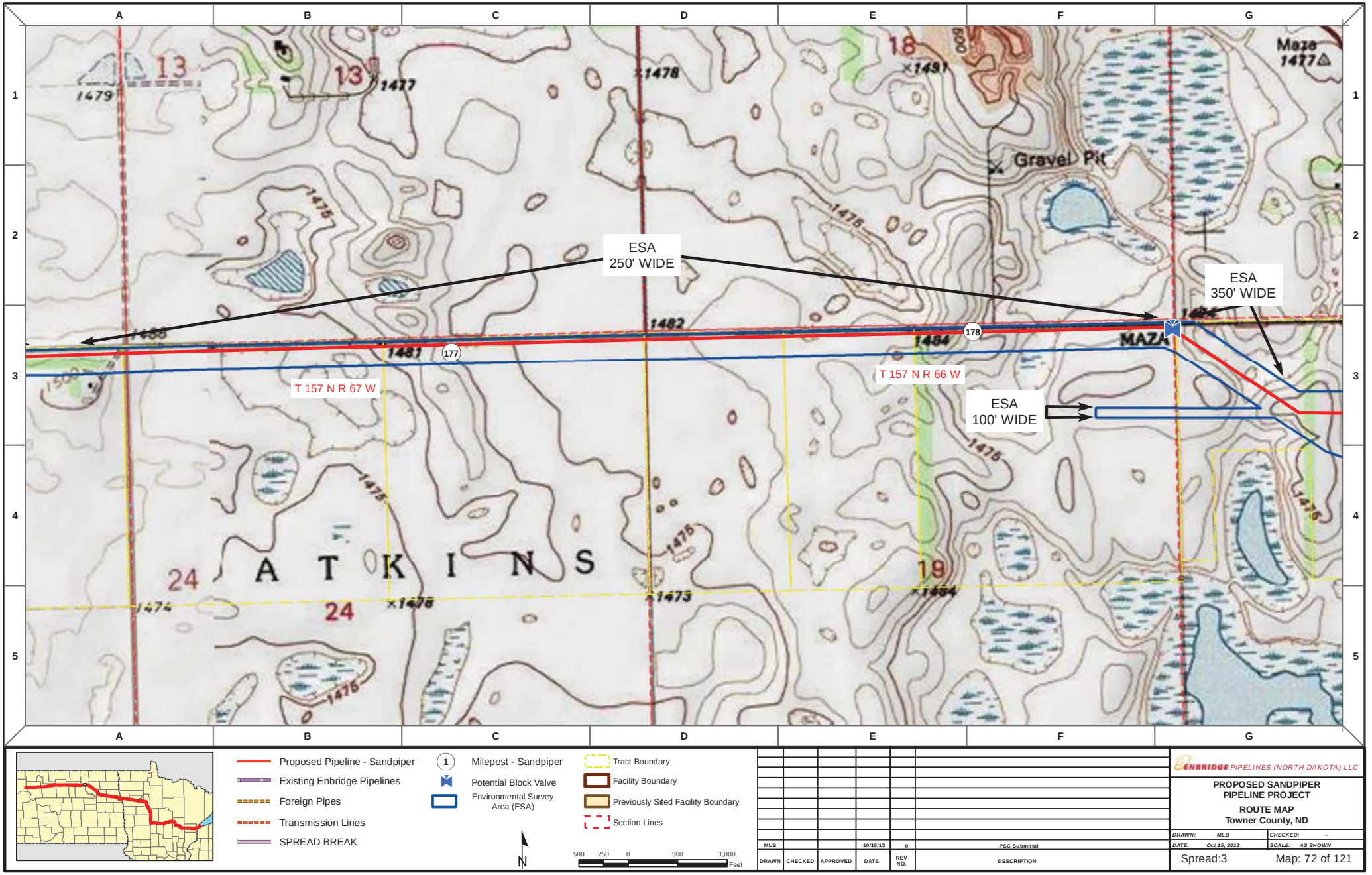
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Towner County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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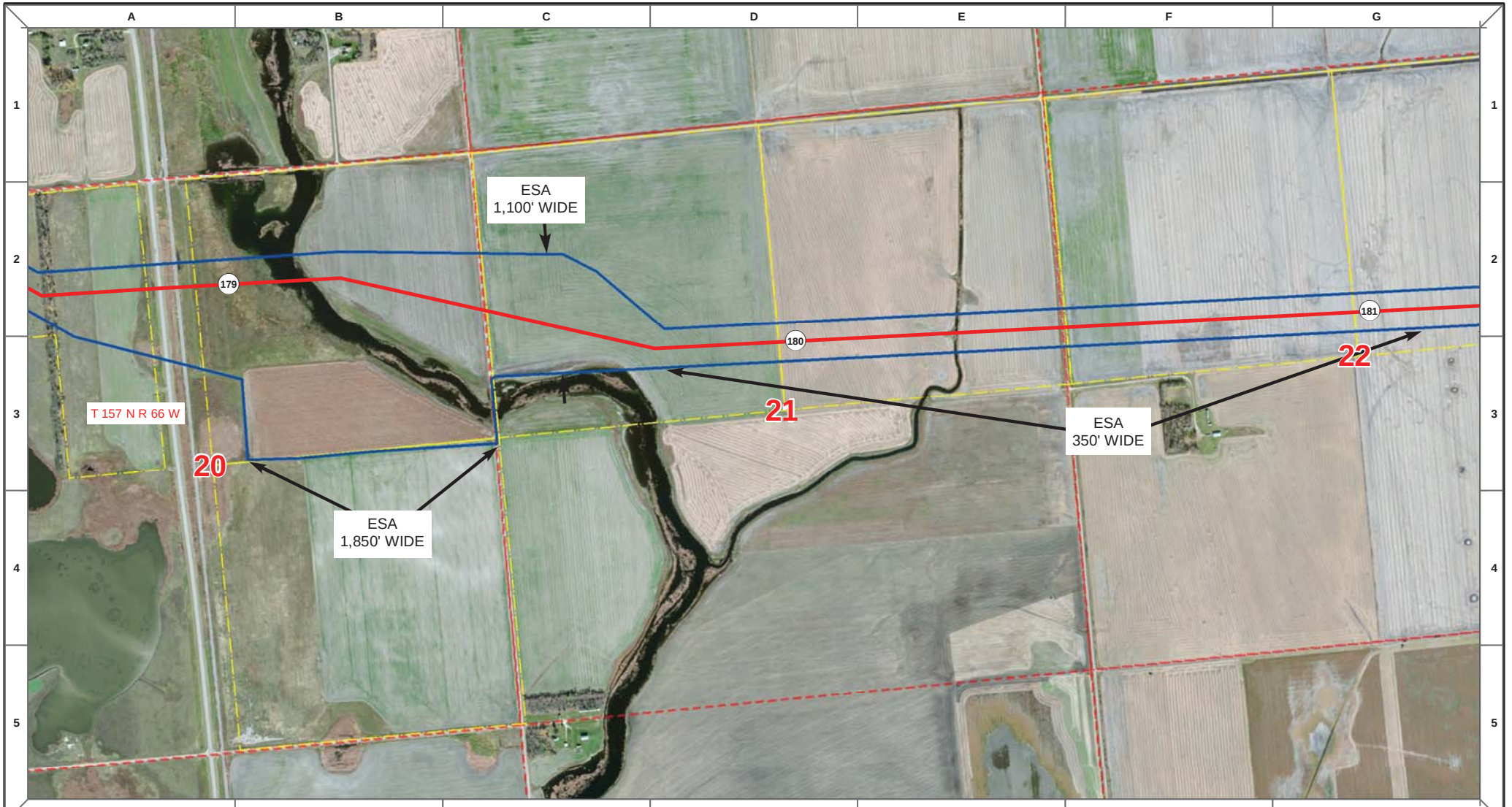
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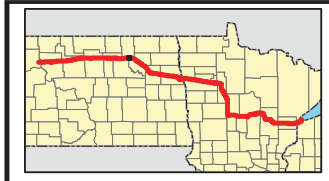
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Towner County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:3 Map: 72 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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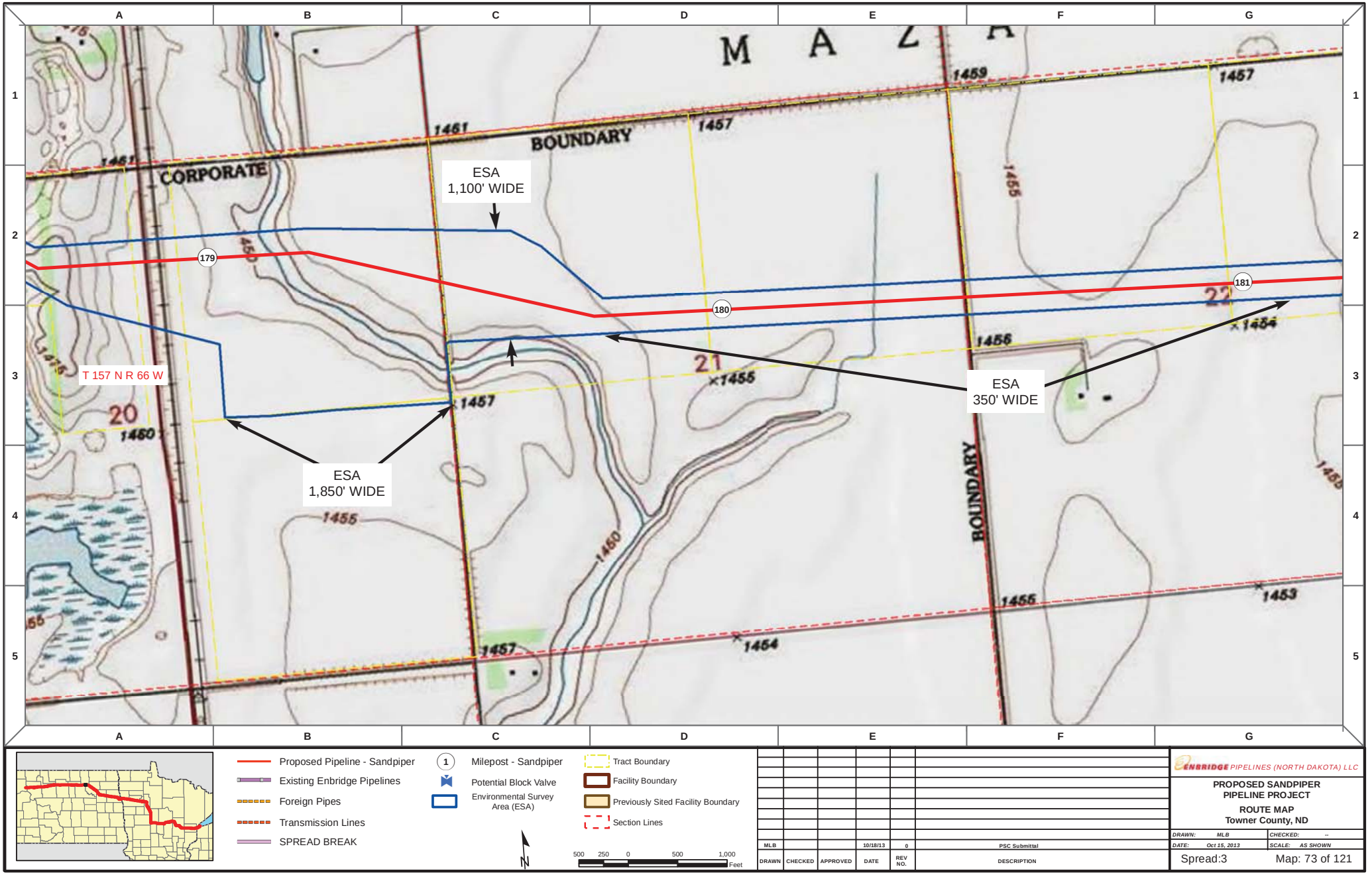
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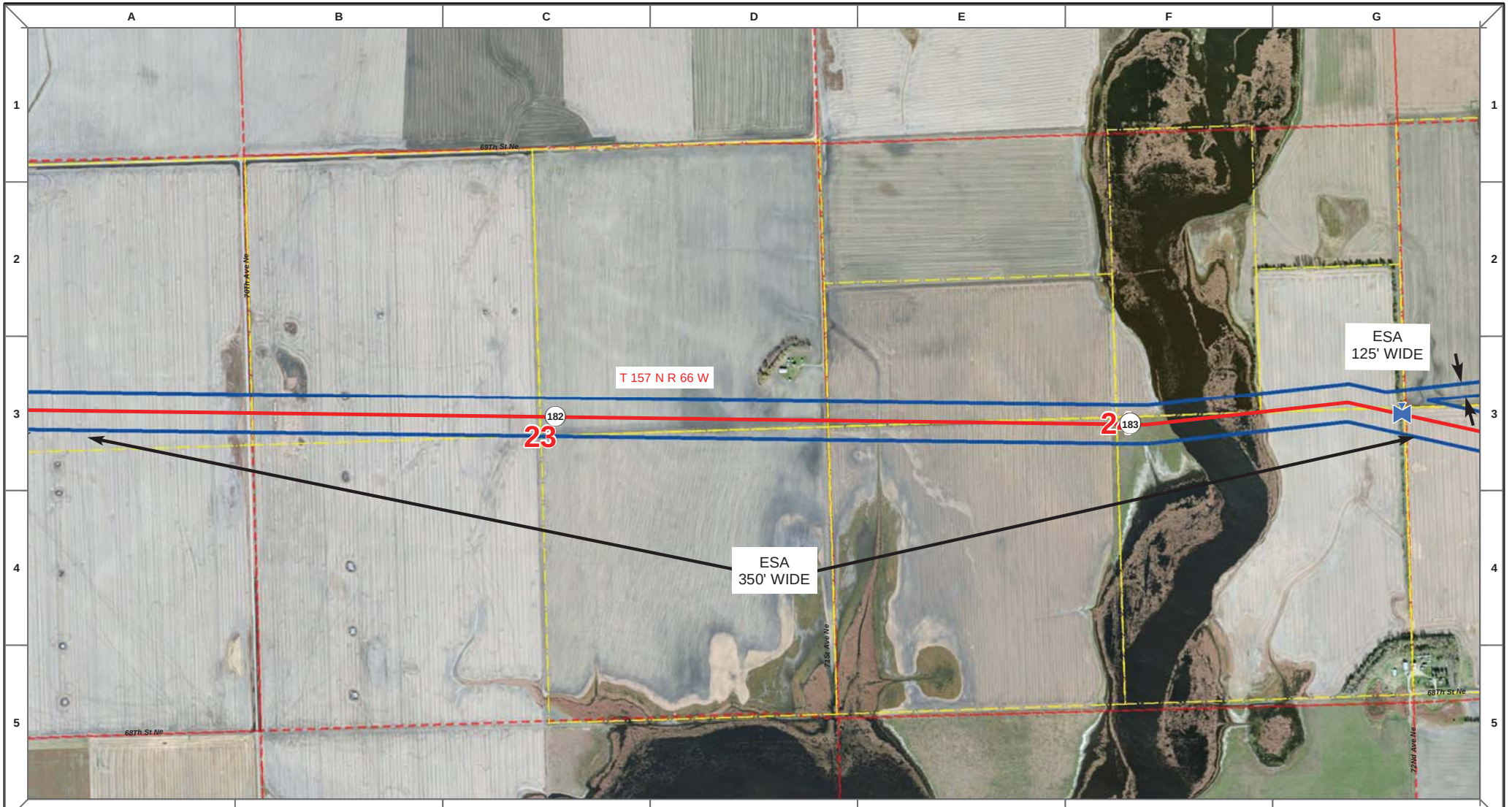
PROPOSED SANDPIPER PIPELINE PROJECT

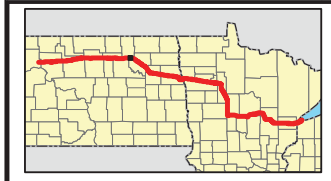
ROUTE MAP
Towner County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:3 Map: 73 of 121


A
B
C
D
E
F
G
1
2
3
4
5
BOUNDARY
CORPORATE
BOUNDARY
ESA
1,100' WIDE
ESA
350' WIDE
ESA
1,850' WIDE
T 157 N R 66 W
179
180
181
20
21
22
1459
1457
1461
1455
1456
1454
1453
1460
1458
Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK
Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)
Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines
500 250 0 500 1,000
Feet
N
MLB
10/18/13
0
PSC Submittal
DRAWN
CHECKED
APPROVED
DATE
REV NO.
DESCRIPTION
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC
PROPOSED SANDPIPER PIPELINE PROJECT
ROUTE MAP
Towner County, ND
DRAWN: MLB
CHECKED: --
DATE: Oct 15, 2013
SCALE: AS SHOWN
Spread:3
Map: 73 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve

Environmental Survey Area (ESA)
Tract Boundary
Facility Boundary
Section Lines

N

500 250 0 500 1,000
Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
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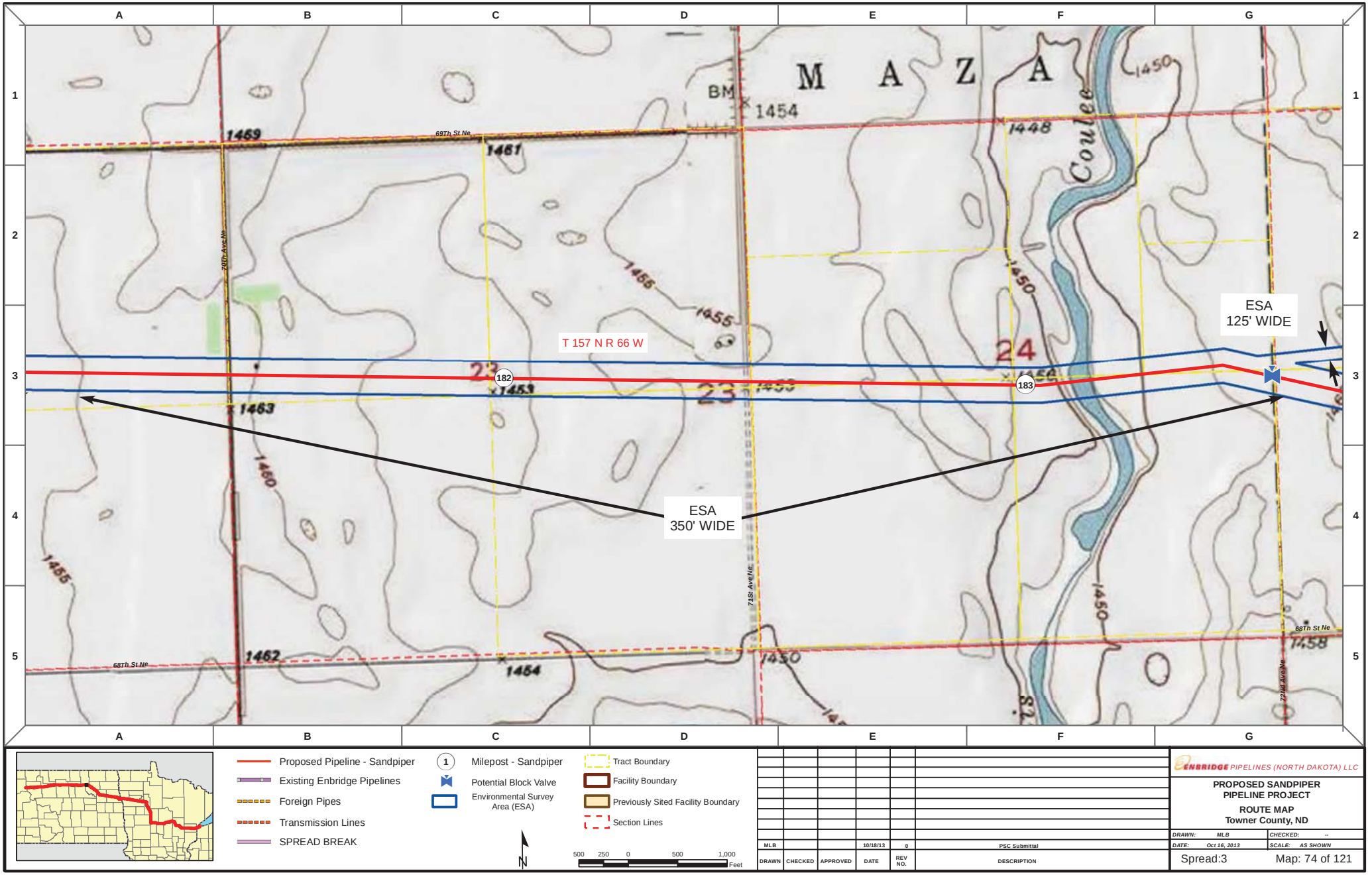
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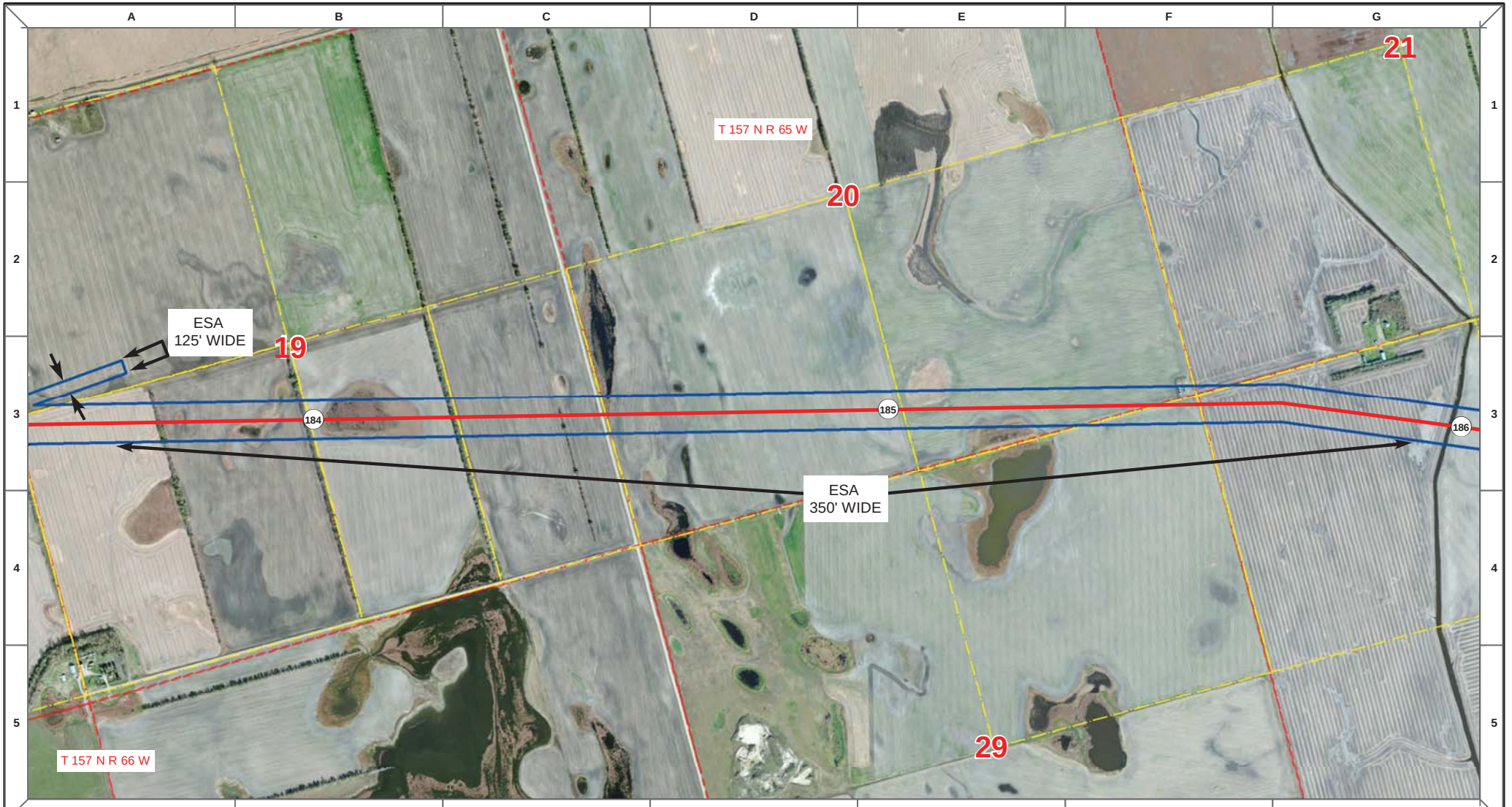
PROPOSED SANDPIPER PIPELINE PROJECT

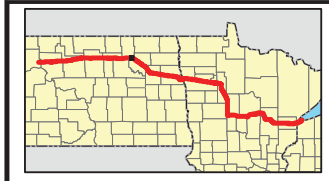
ROUTE MAP
Towner County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 16, 2013	SCALE: AS SHOWN

Spread:3 Map: 74 of 121


A
B
C
D
E
F
G
1
2
3
4
5
M A Z A
Coulee
BM
1454
1469
69Th St Ne
1461
1448
1450
1466
1455
T 157 N R 66 W
24
23
22
182
183
1453
1463
1460
ESA
125' WIDE
ESA
350' WIDE
1455
71St Ave Ne
1462
68Th St Ne
1464
1458
72Nd Ave Ne
Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK
Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)
Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines
N
500 250 0 500 1,000
Feet
MLB
10/18/13
0
PSC Submittal
DRAWN
CHECKED
APPROVED
DATE
REV NO.
DESCRIPTION
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC
PROPOSED SANDPIPER PIPELINE PROJECT
ROUTE MAP
Towner County, ND
DRAWN: MLB
CHECKED: --
DATE: Oct 16, 2013
SCALE: AS SHOWN
Spread:3
Map: 74 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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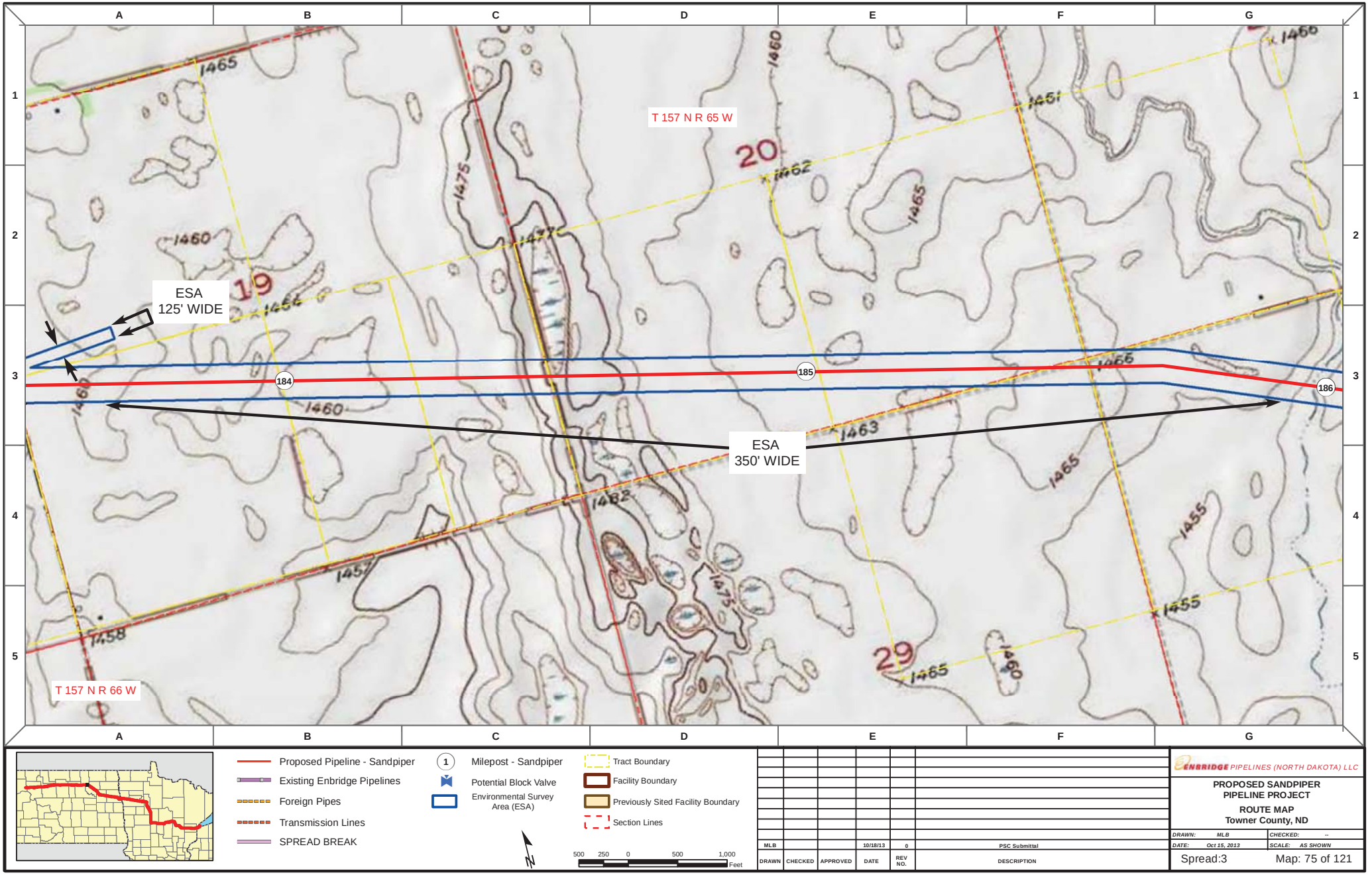
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Towner County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:3 Map: 75 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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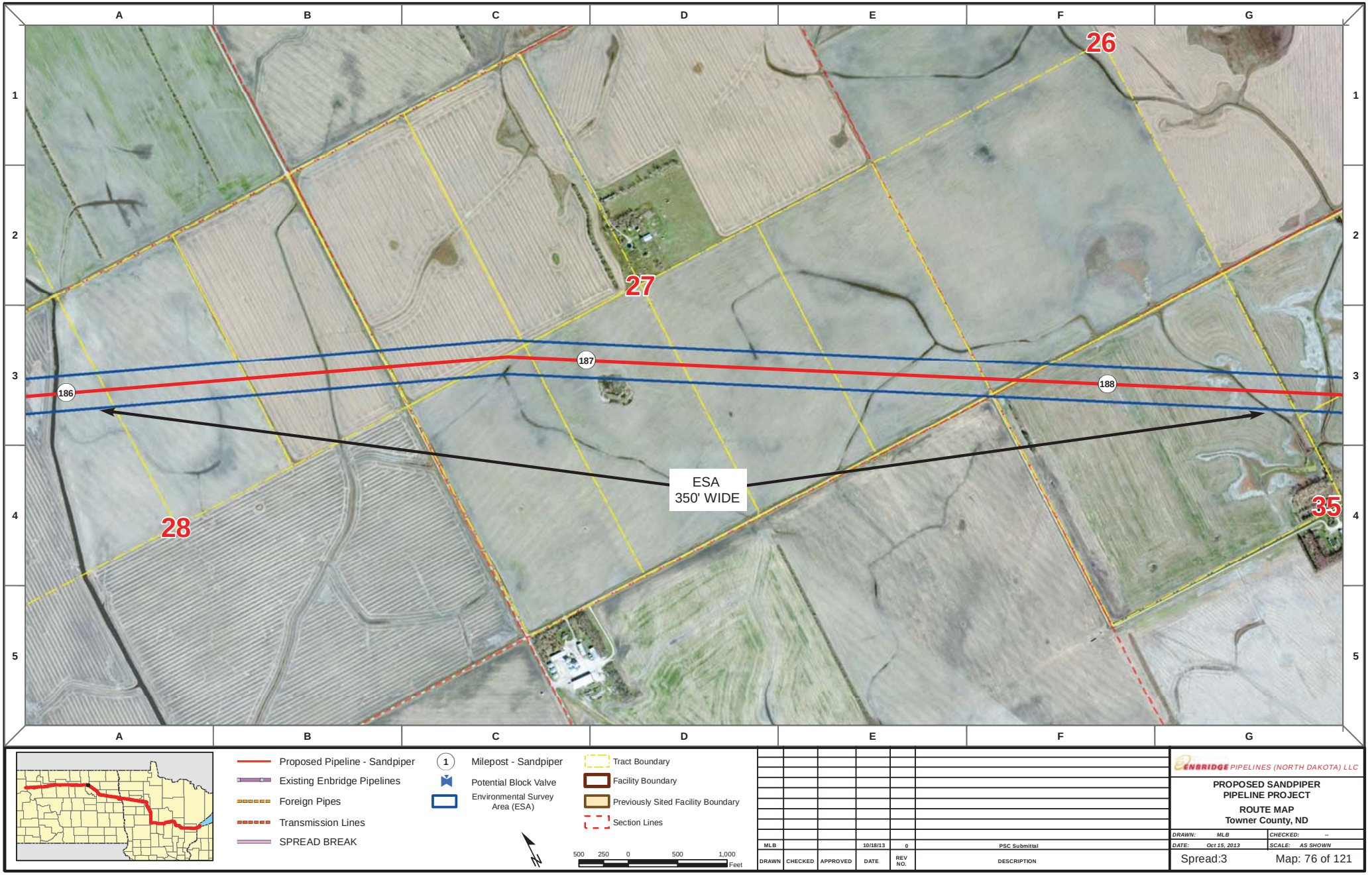
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Towner County, ND

DRAWN: MLB CHECKED: --
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Spread:3 Map: 75 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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500 250 0 500 1,000 Feet

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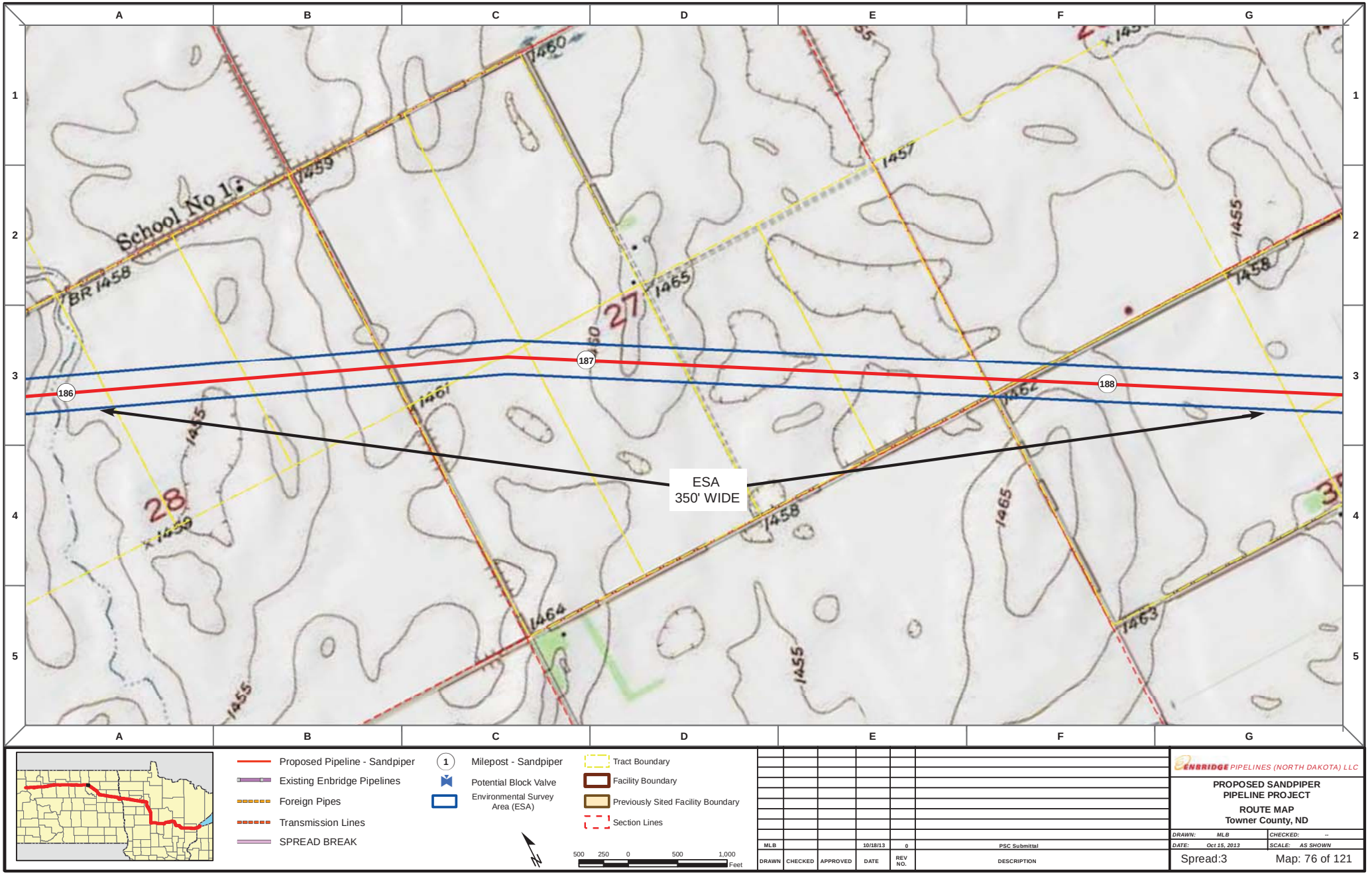
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Towner County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:3 Map: 76 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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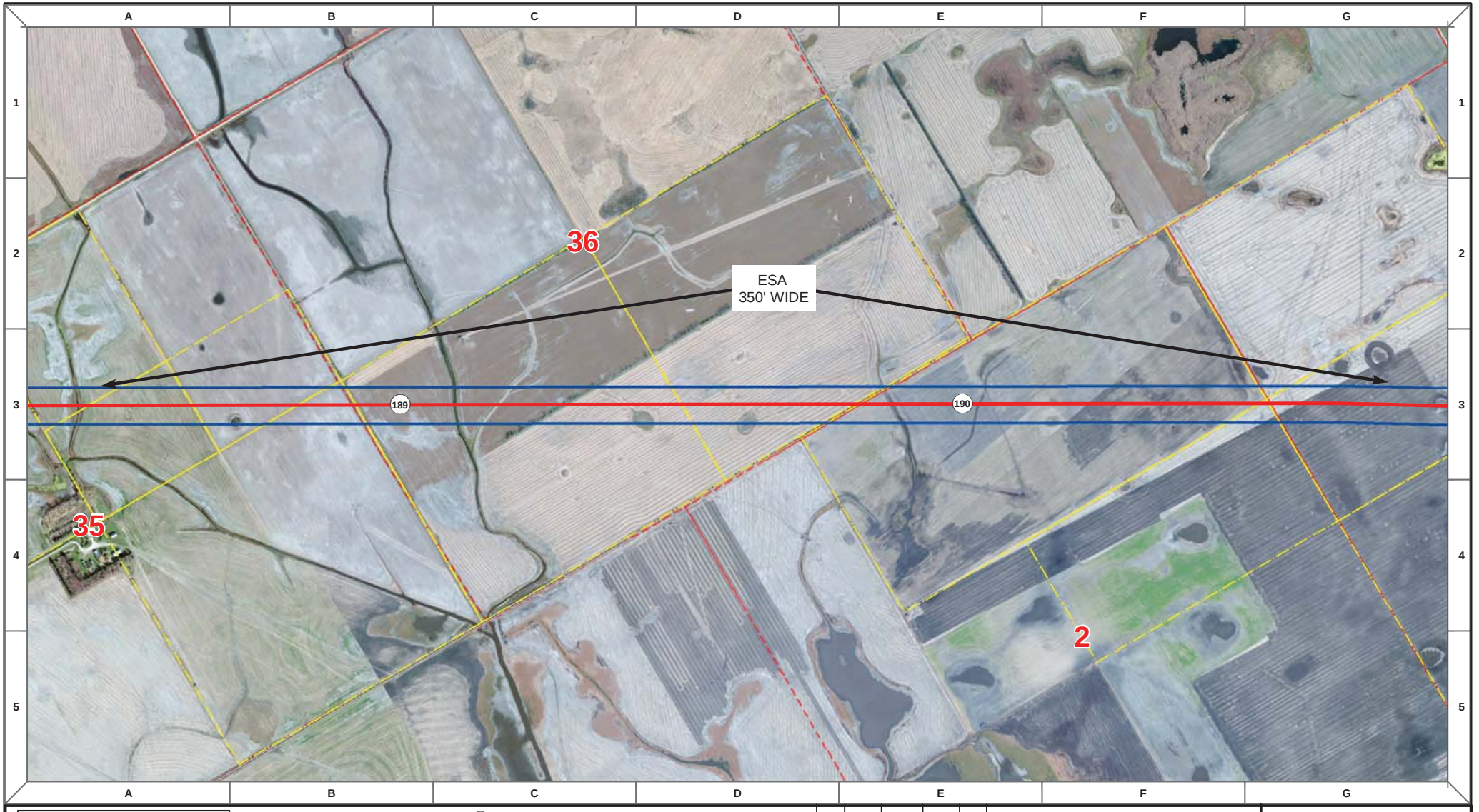
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

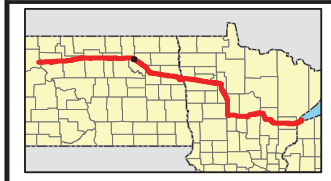
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Towner County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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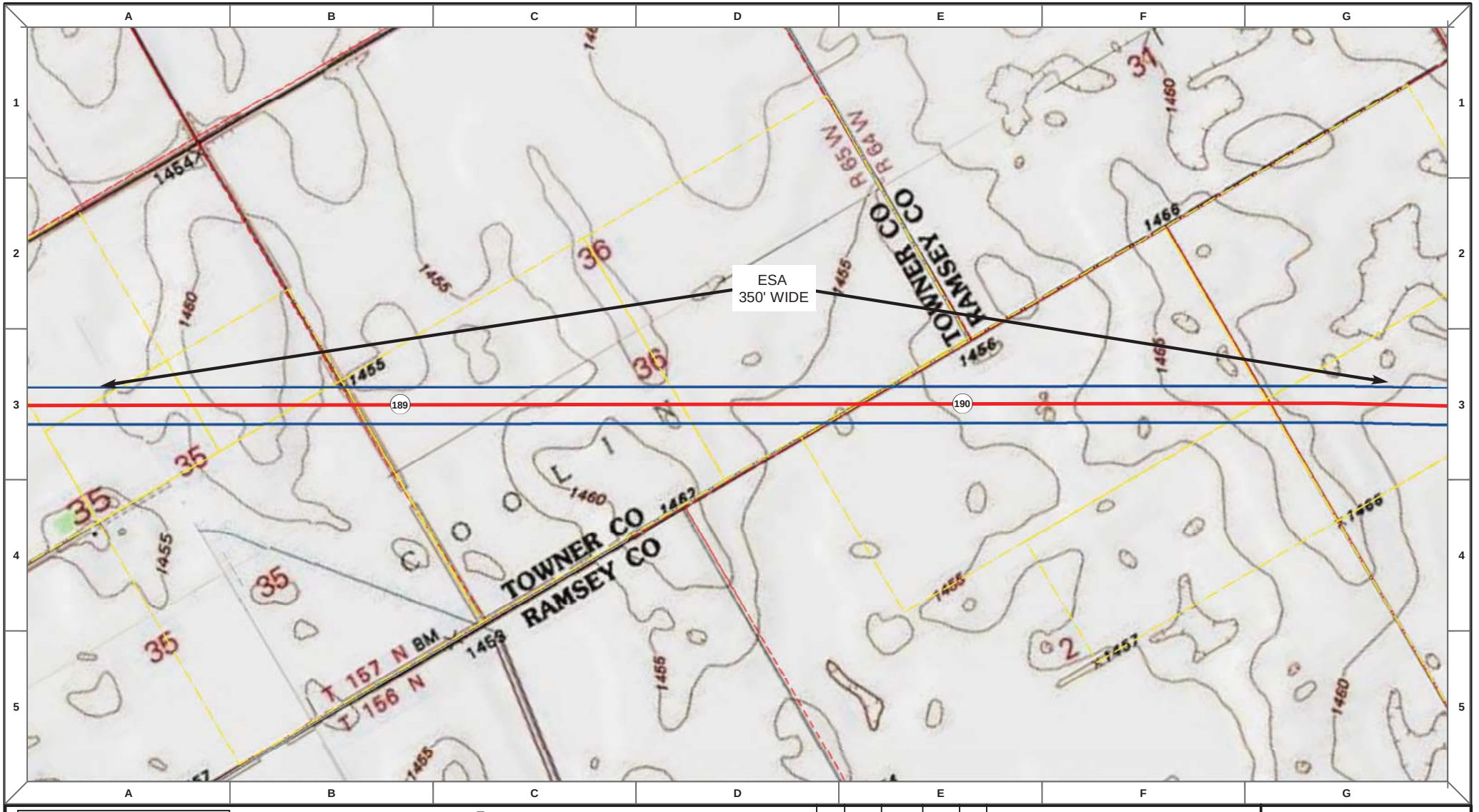
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Towner & Ramsey County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:3 Map: 77 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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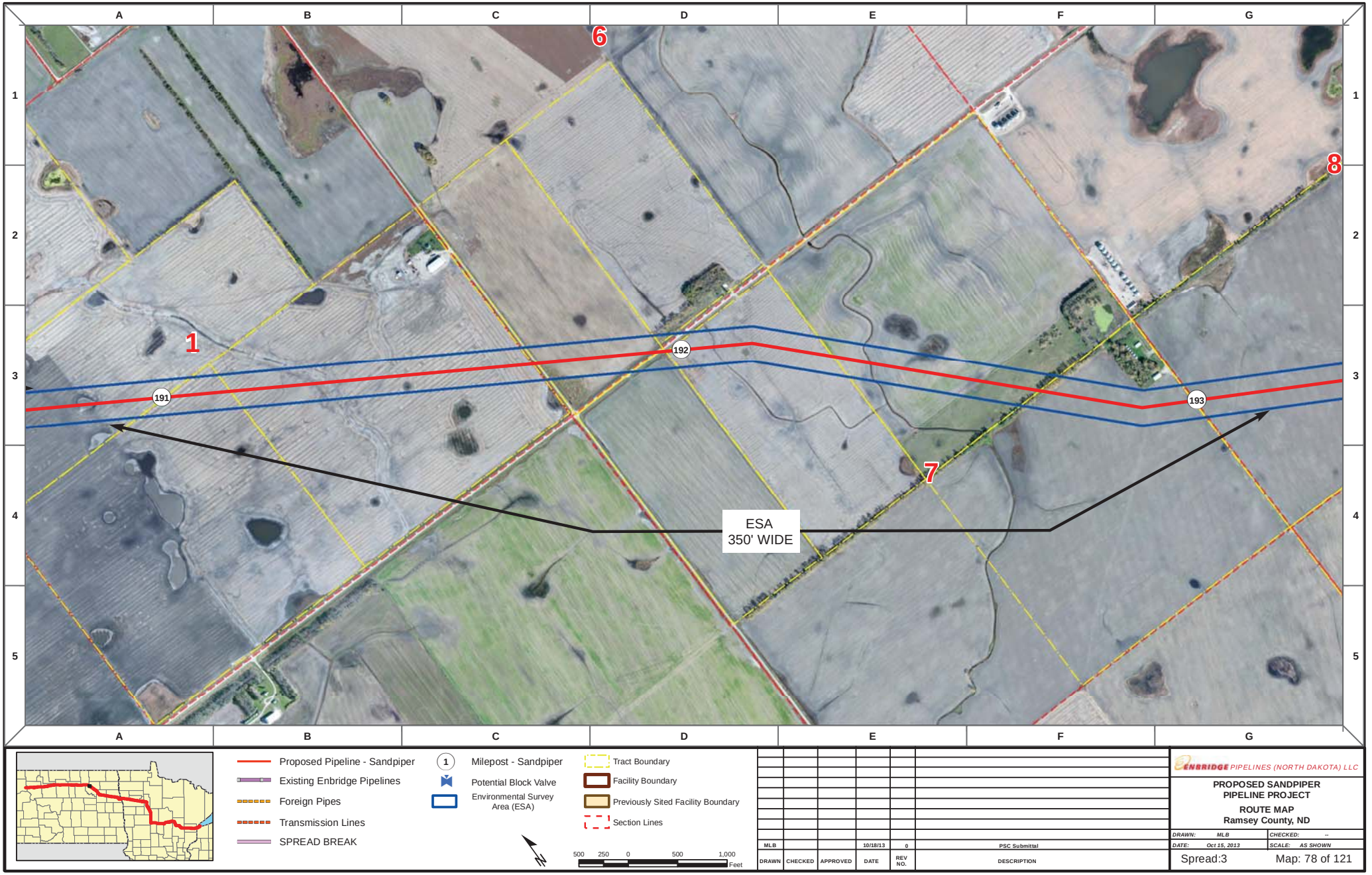
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Towner & Ramsey County, ND

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Spread:3 Map: 77 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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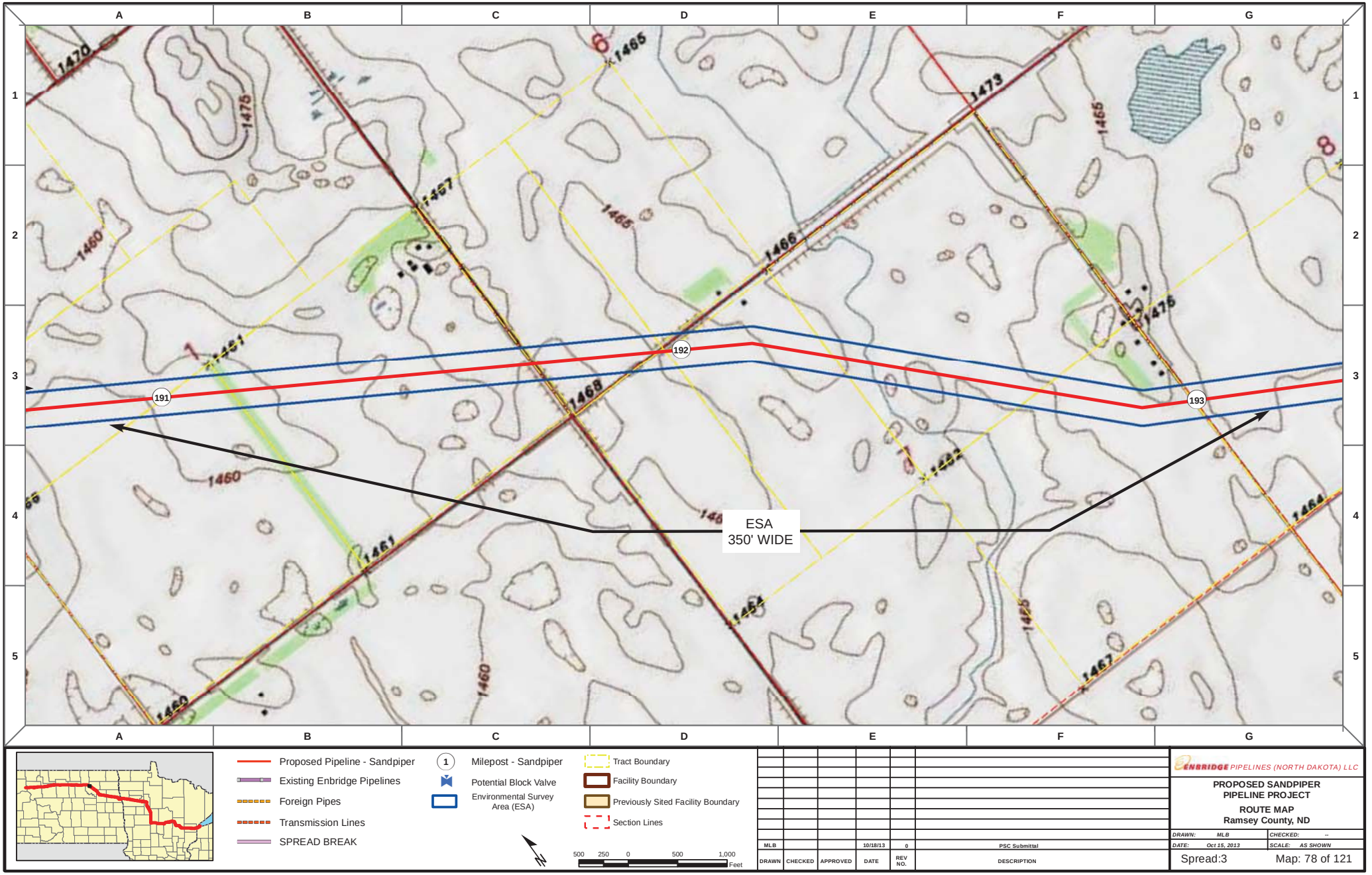
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:3 Map: 78 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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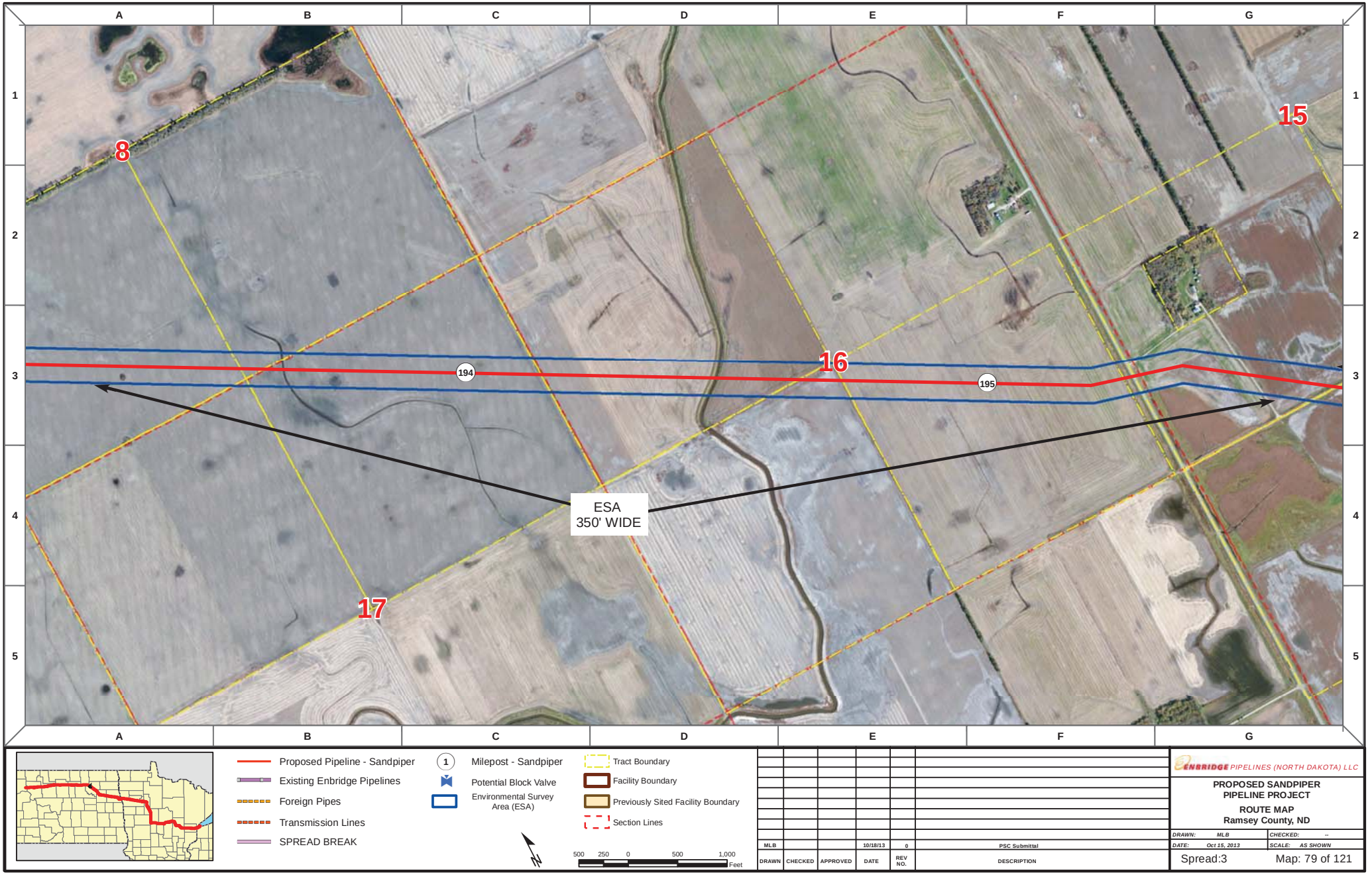
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:3 Map: 78 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
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Tract Boundary
Facility Boundary
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Section Lines

500 250 0 500 1,000 Feet

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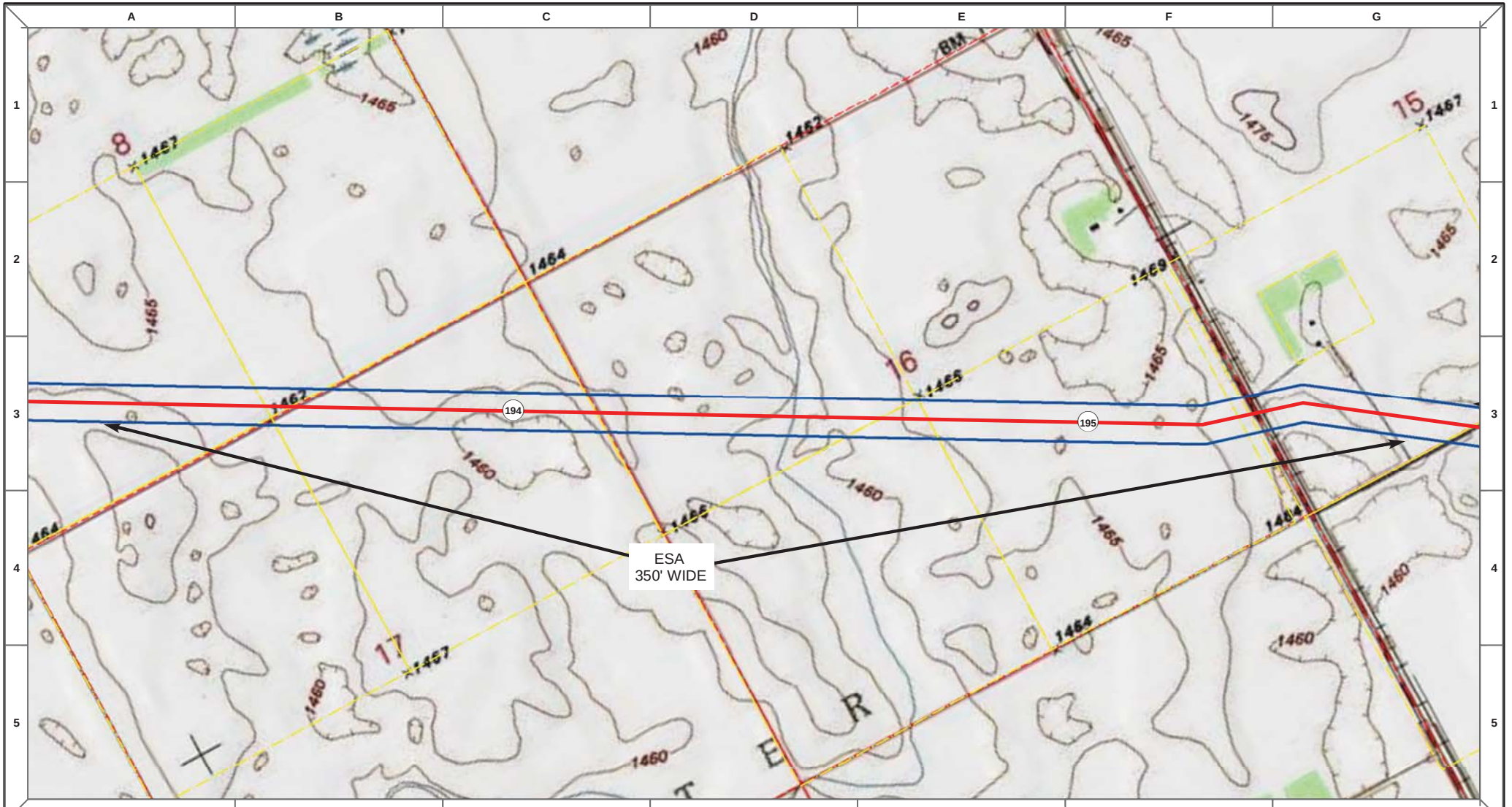
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

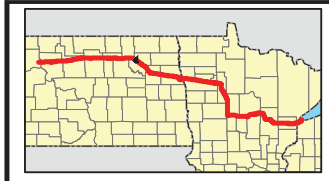
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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500 250 0 500 1,000 Feet

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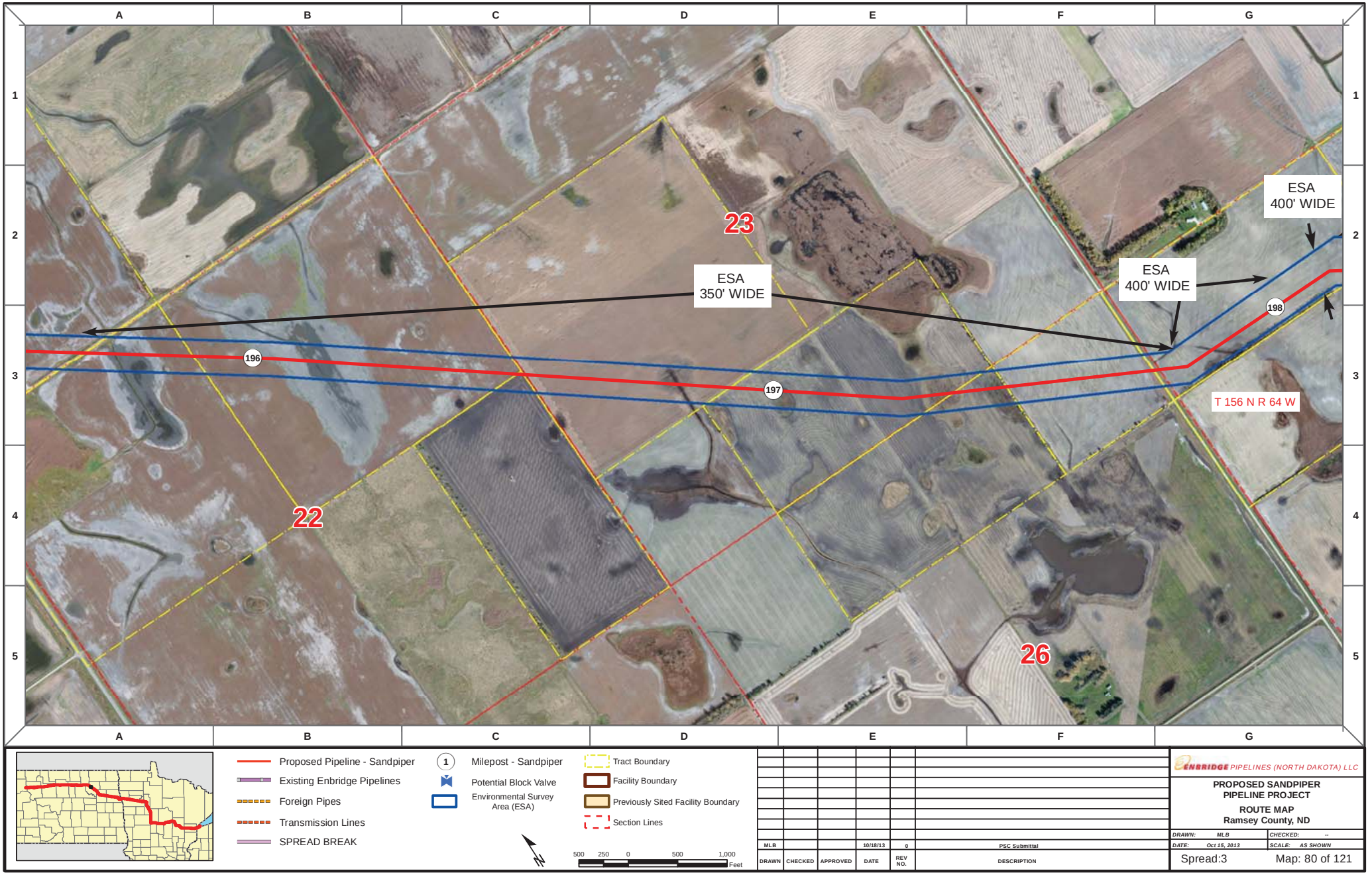
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:3 Map: 79 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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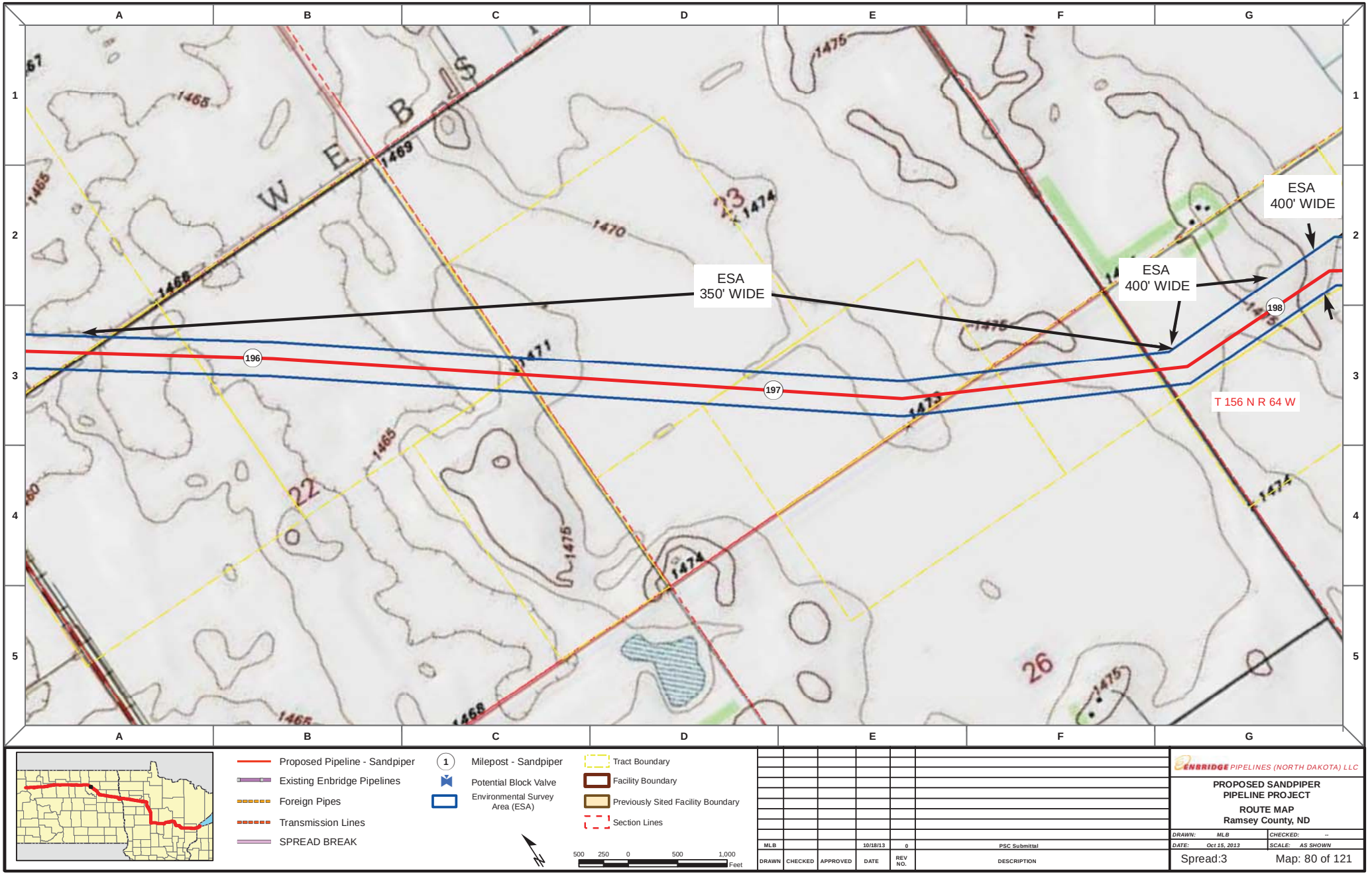
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:3 Map: 80 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
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Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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Section Lines

500 250 0 500 1,000 Feet

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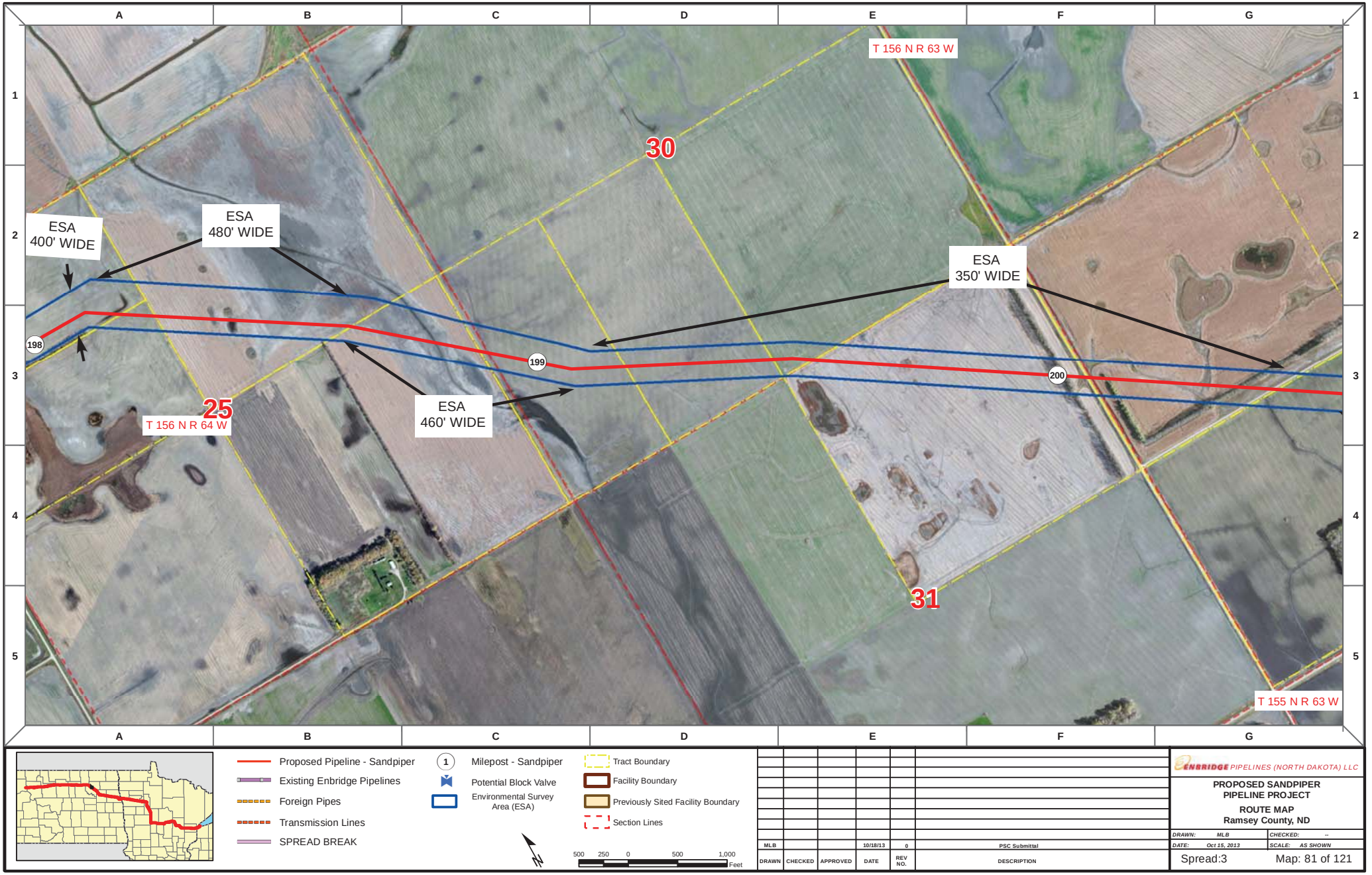
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PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
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Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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500 250 0 500 1,000 Feet

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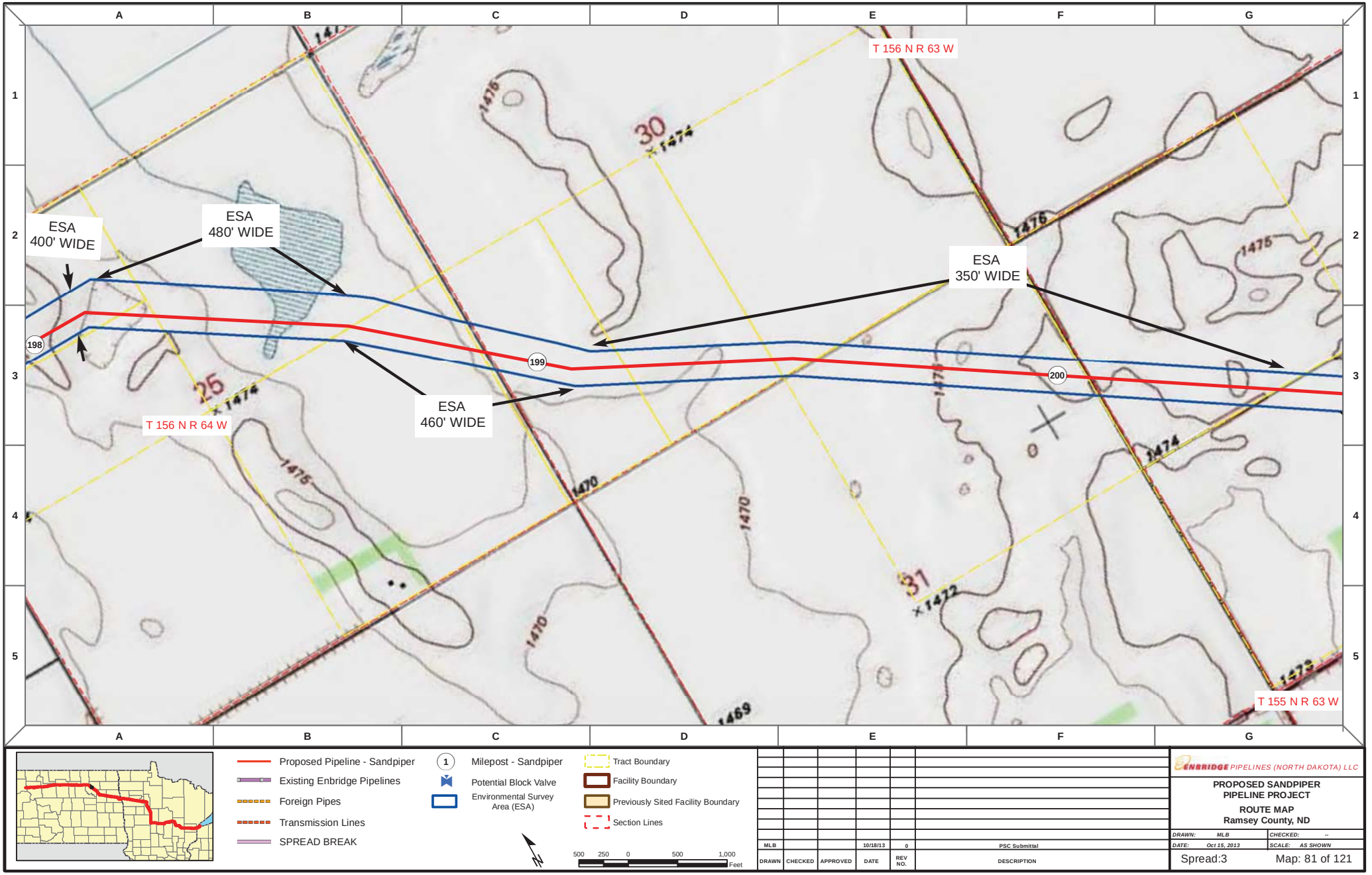
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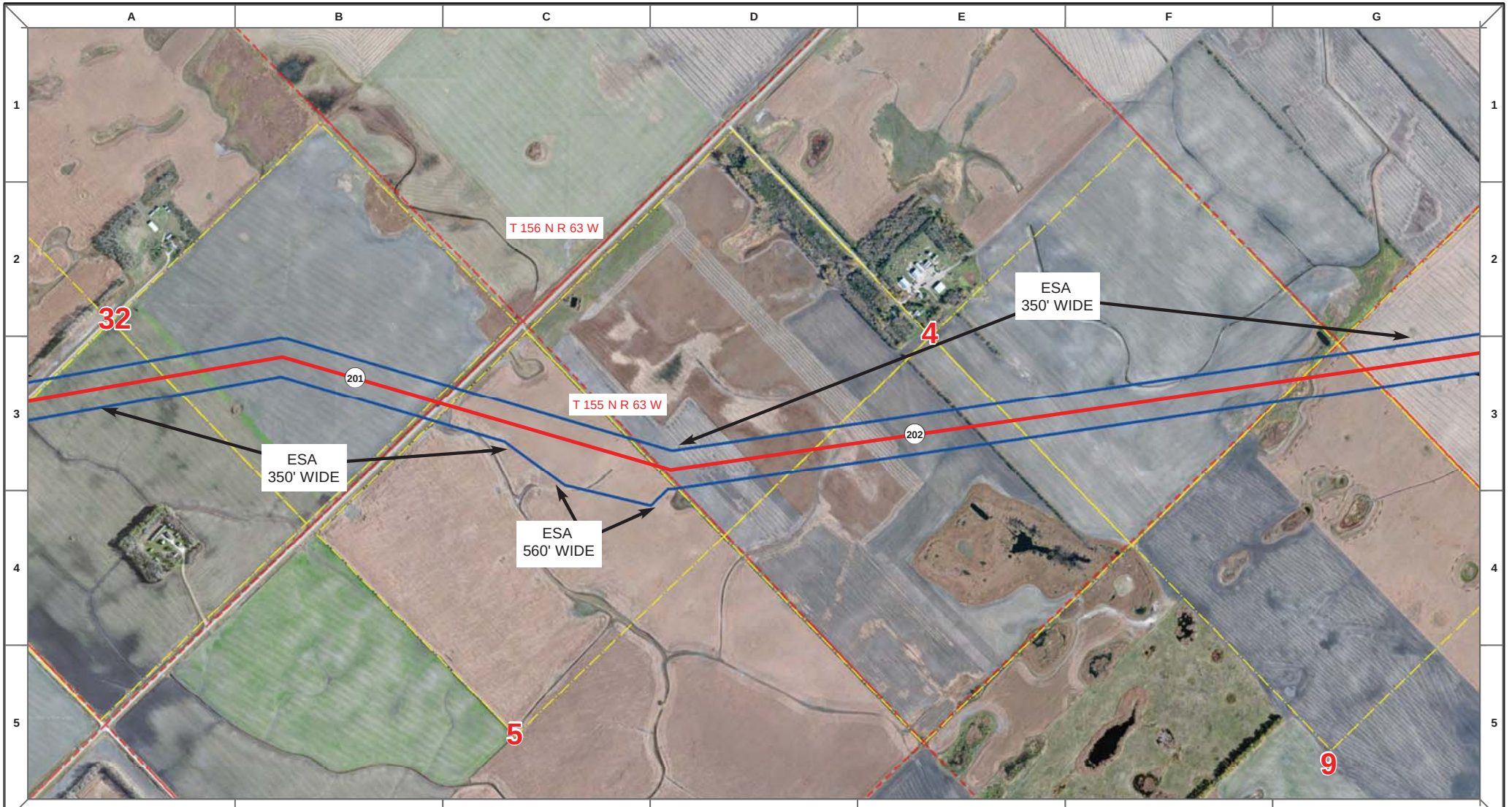
PROPOSED SANDPIPER PIPELINE PROJECT

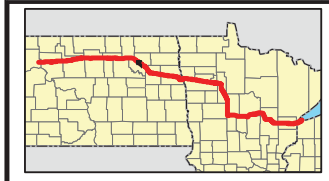
ROUTE MAP
Ramsey County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:3 Map: 81 of 121


A
B
C
D
E
F
G
1
2
3
4
5
T 156 N R 63 W
T 156 N R 64 W
T 155 N R 63 W
ESA
400' WIDE
ESA
480' WIDE
ESA
350' WIDE
ESA
460' WIDE
198
199
200
30
25
31
1474
1475
1470
1469
1472
Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK
Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)
Tract Boundary
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Previously Sited Facility Boundary
Section Lines
500 250 0 500 1,000
Feet
MLB
10/18/13
0
PSC Submittal
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ENBRIDGE PIPELINES (NORTH DAKOTA) LLC
PROPOSED SANDPIPER PIPELINE PROJECT
ROUTE MAP
Ramsey County, ND
DRAWN: MLB
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DATE: Oct 15, 2013
SCALE: AS SHOWN
Spread:3
Map: 81 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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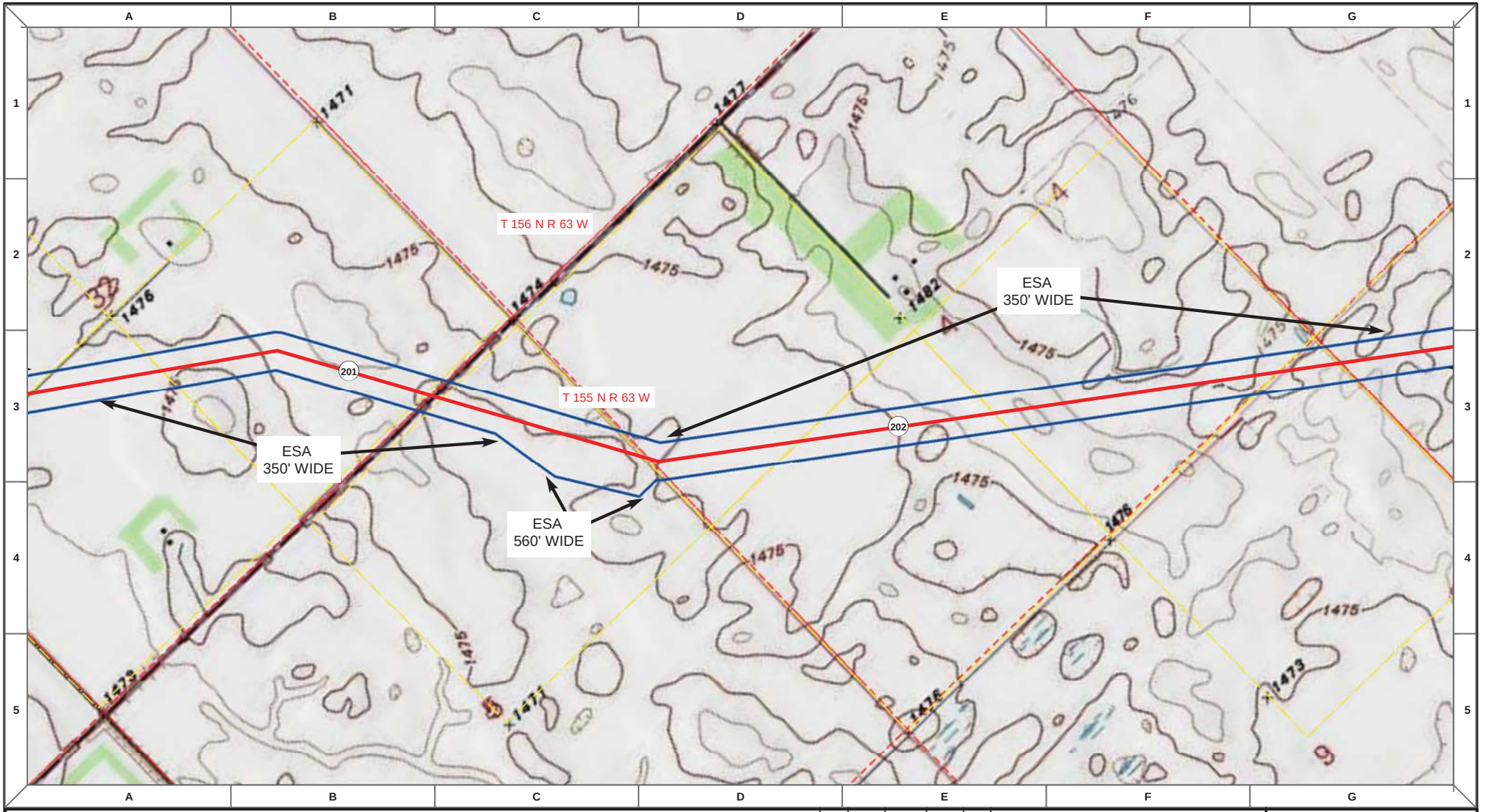
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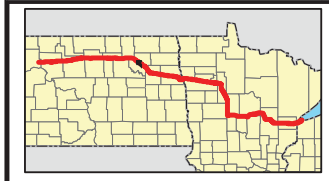
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

DRAWN: MLB CHECKED: --
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Spread:3 Map: 82 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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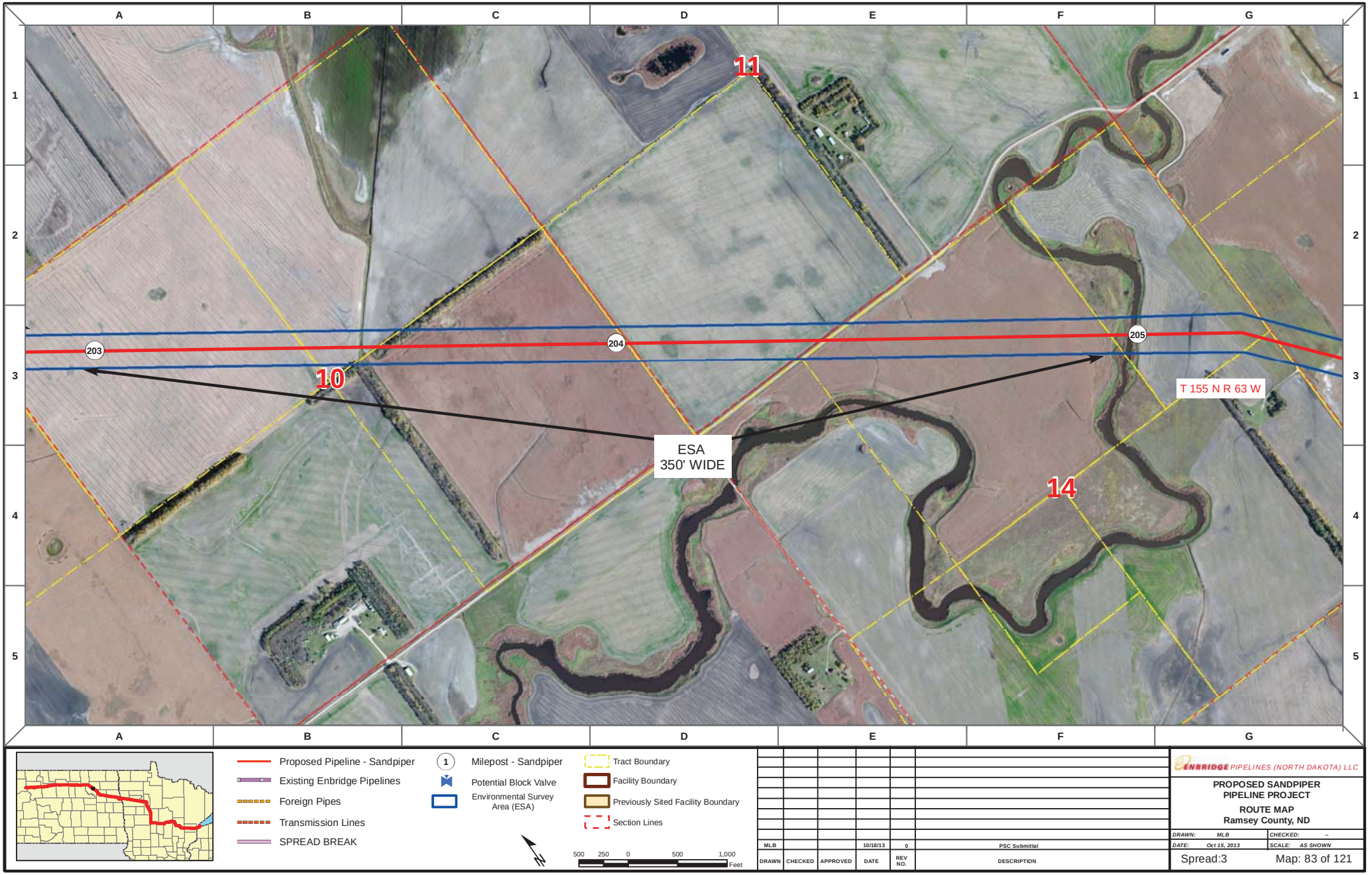
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

DRAWN: MLB CHECKED: --
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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
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Tract Boundary
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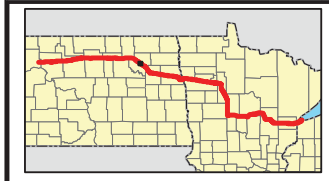
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

DRAWN: MLB CHECKED: --
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Spread:3 Map: 83 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
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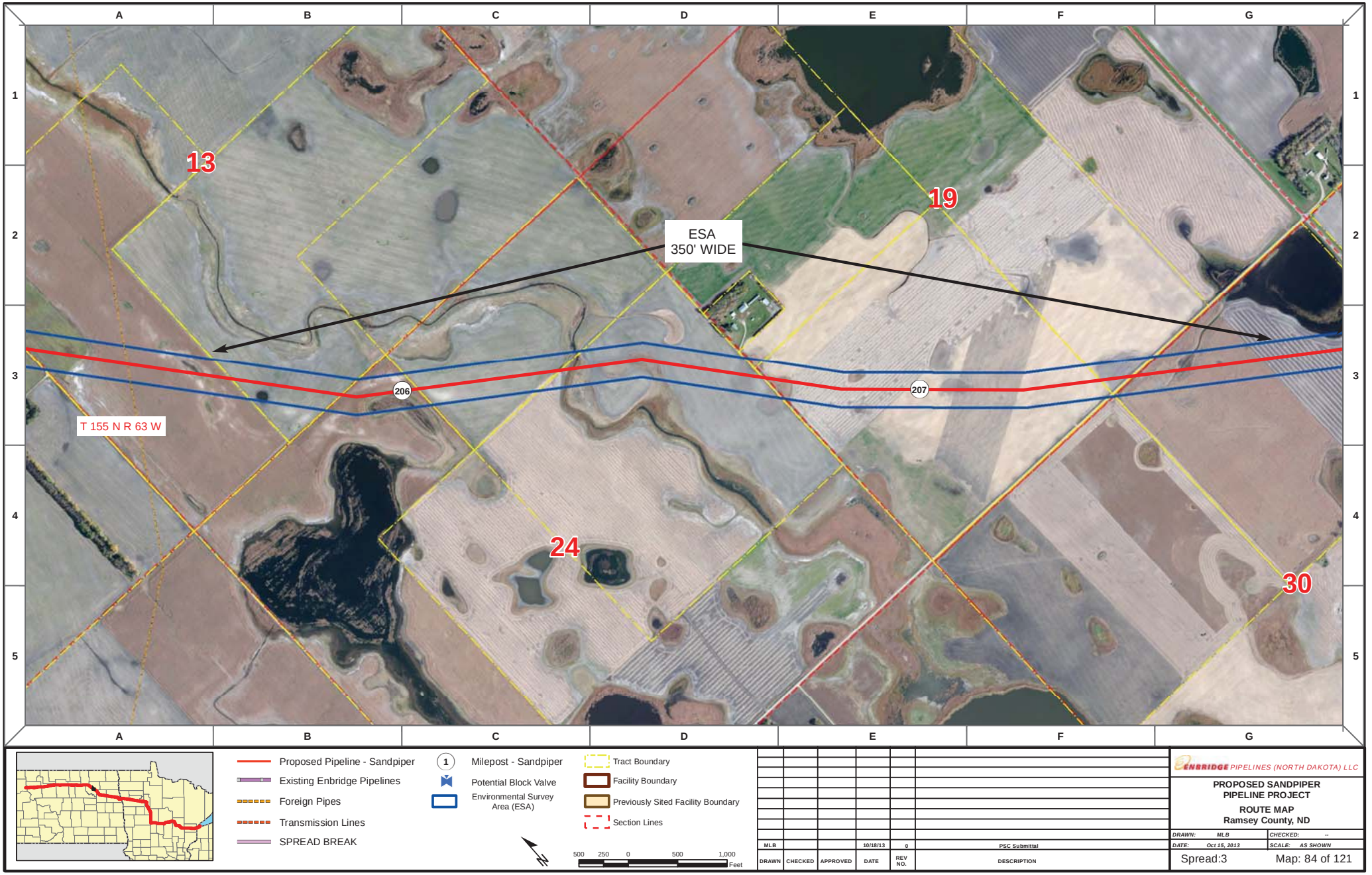
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
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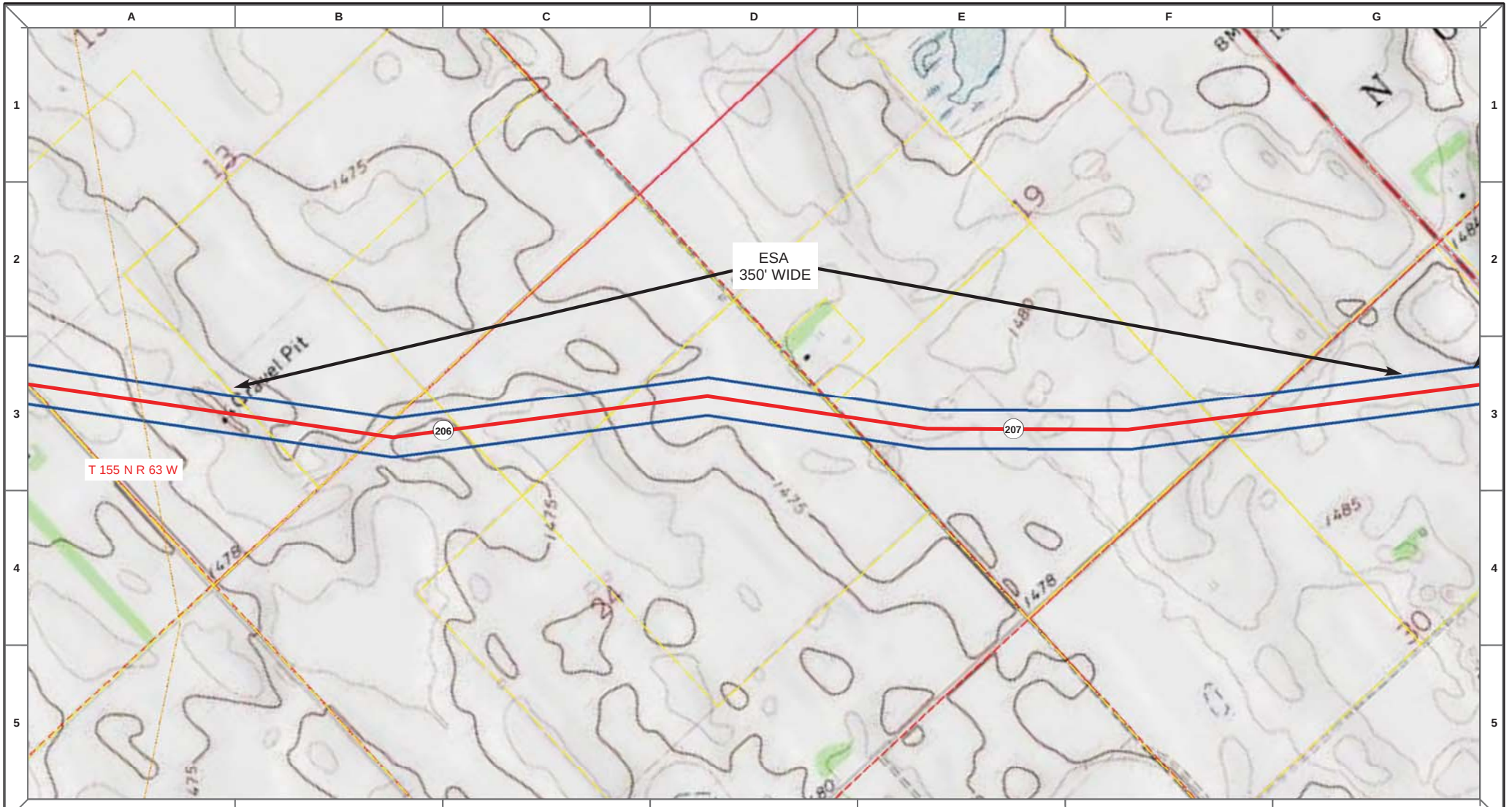
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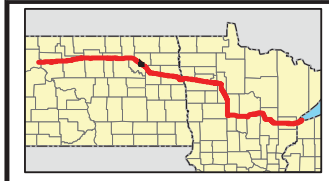
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
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Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
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Tract Boundary
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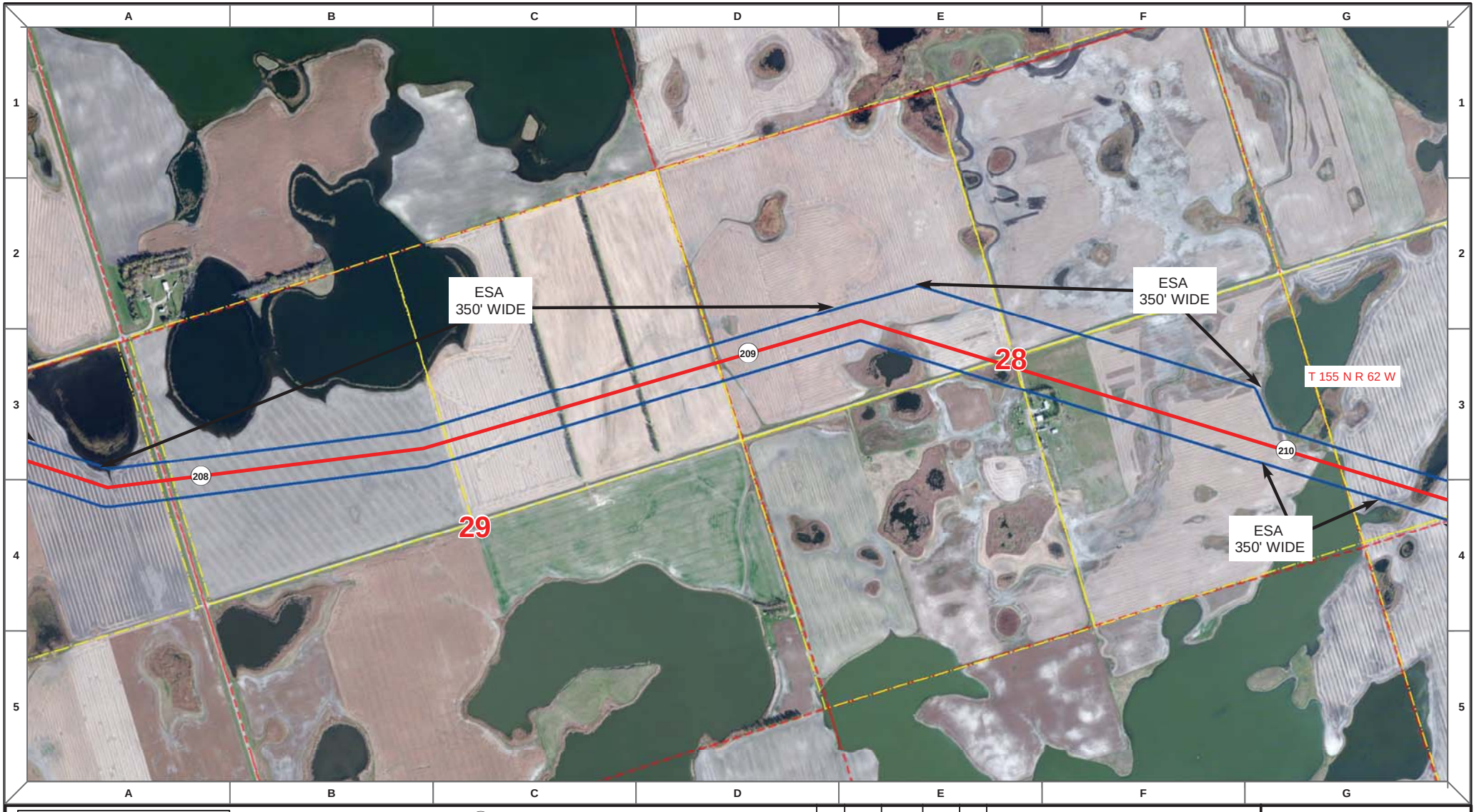
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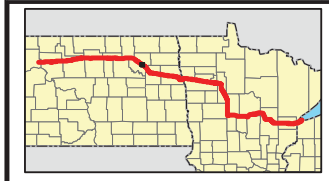
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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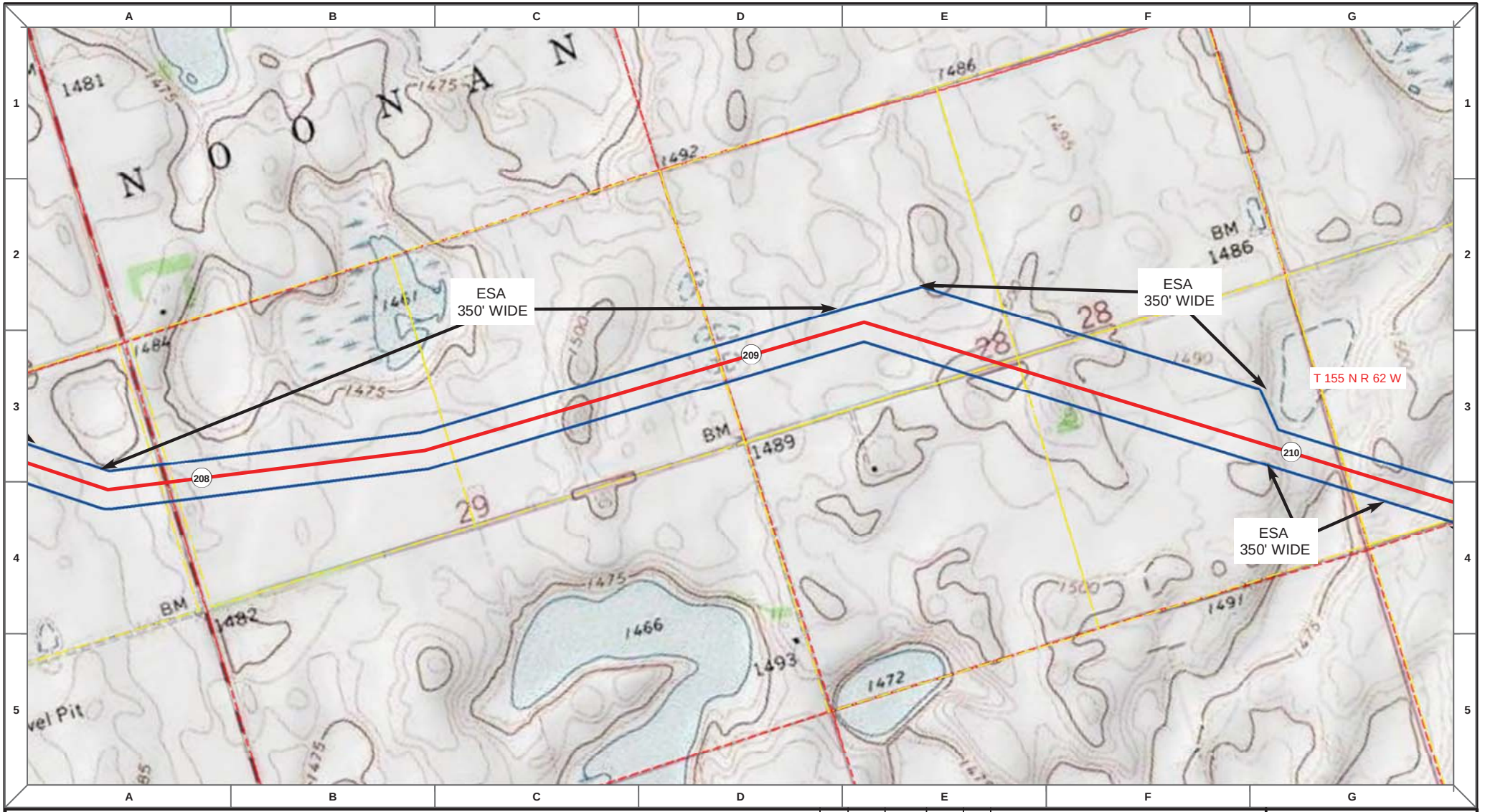
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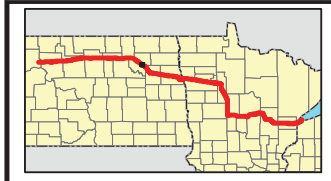
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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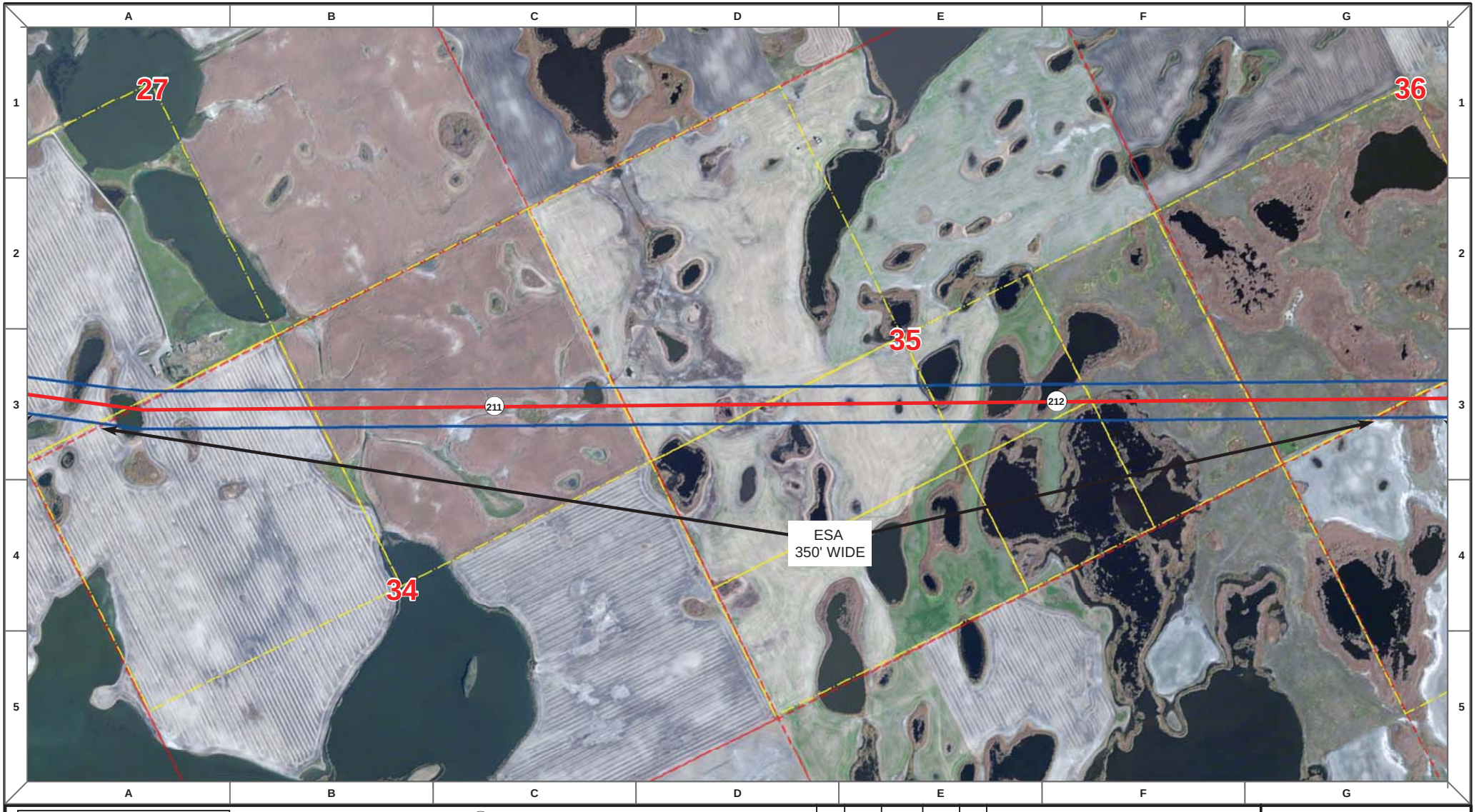
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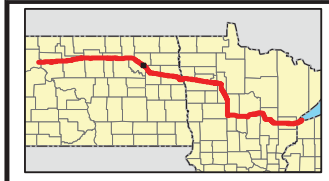
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
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500 250 0 500 1,000 Feet

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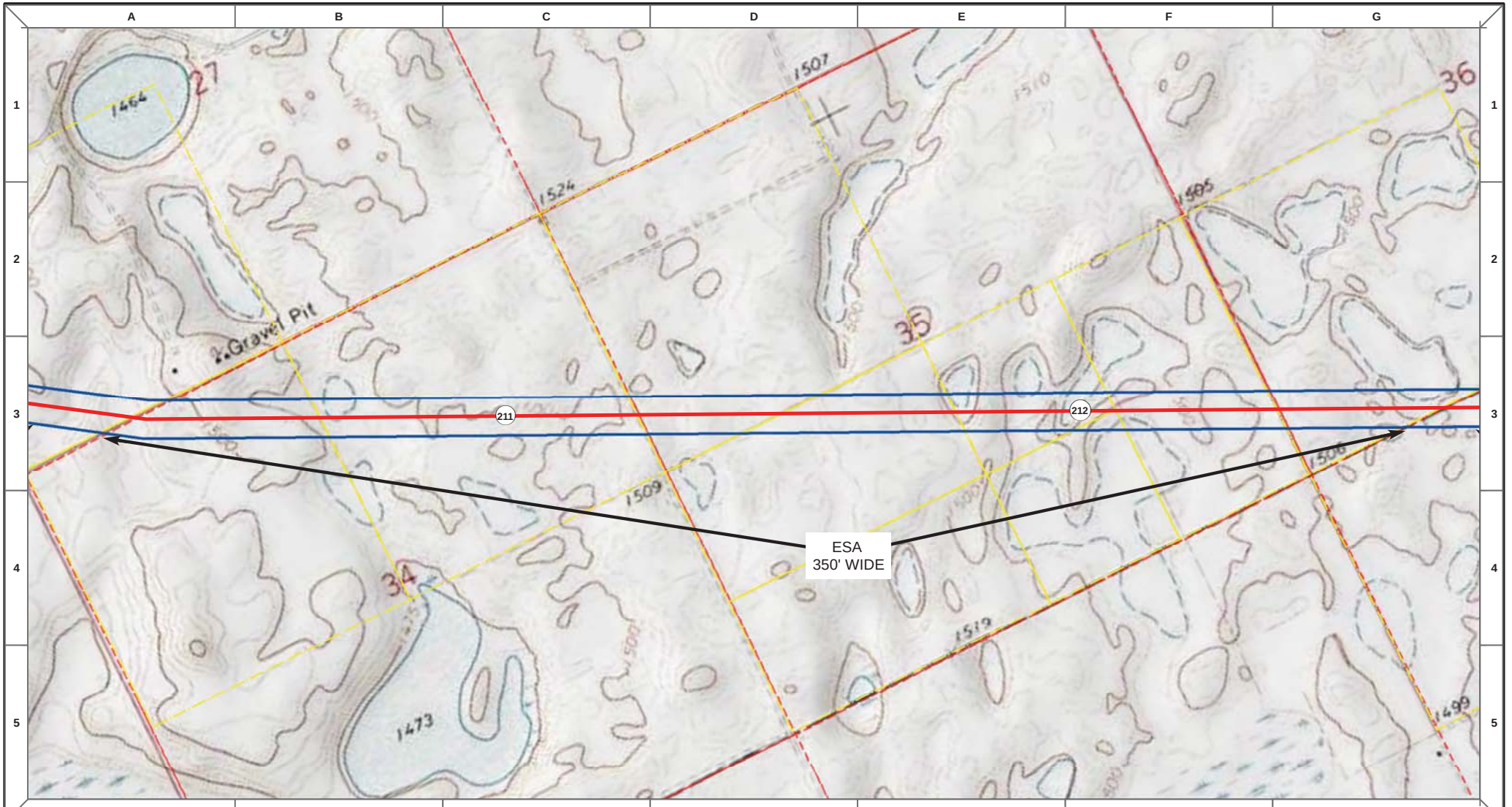
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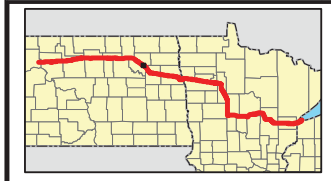
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

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Spread:3 Map: 86 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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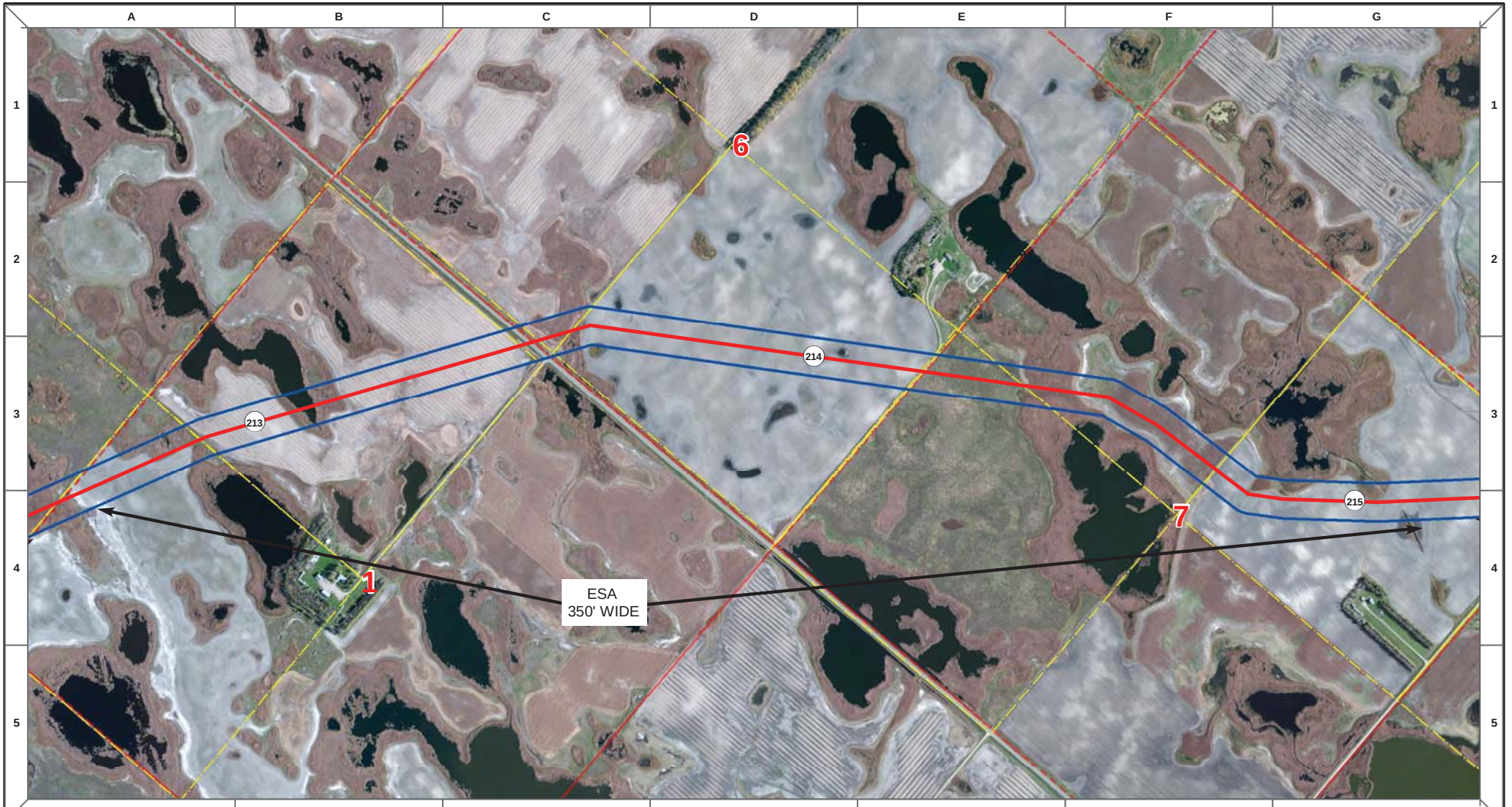
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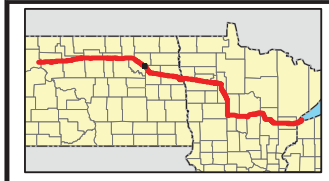
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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500 250 0 500 1,000 Feet

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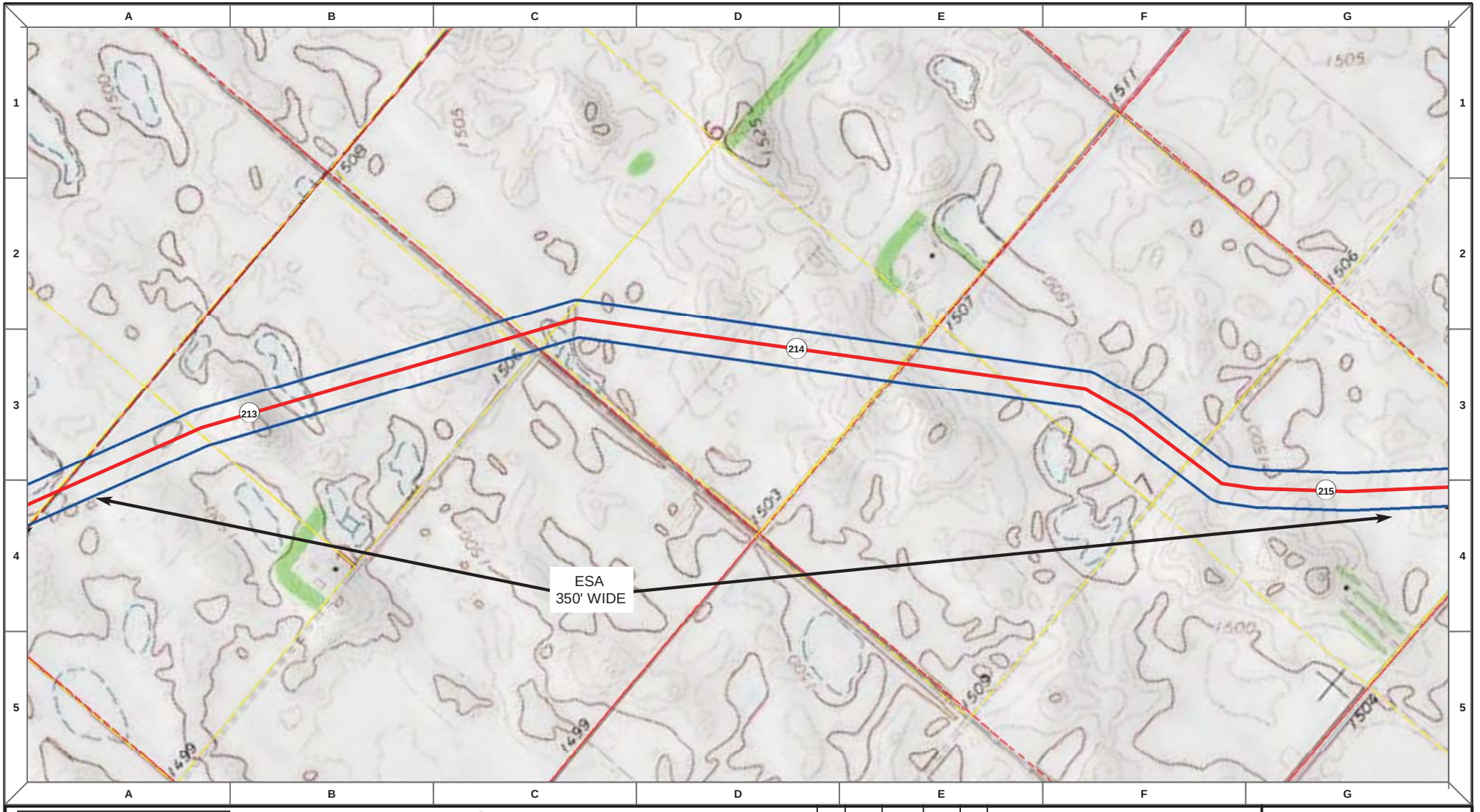
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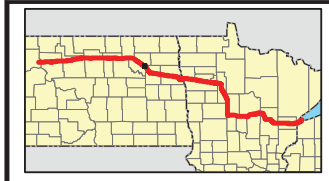
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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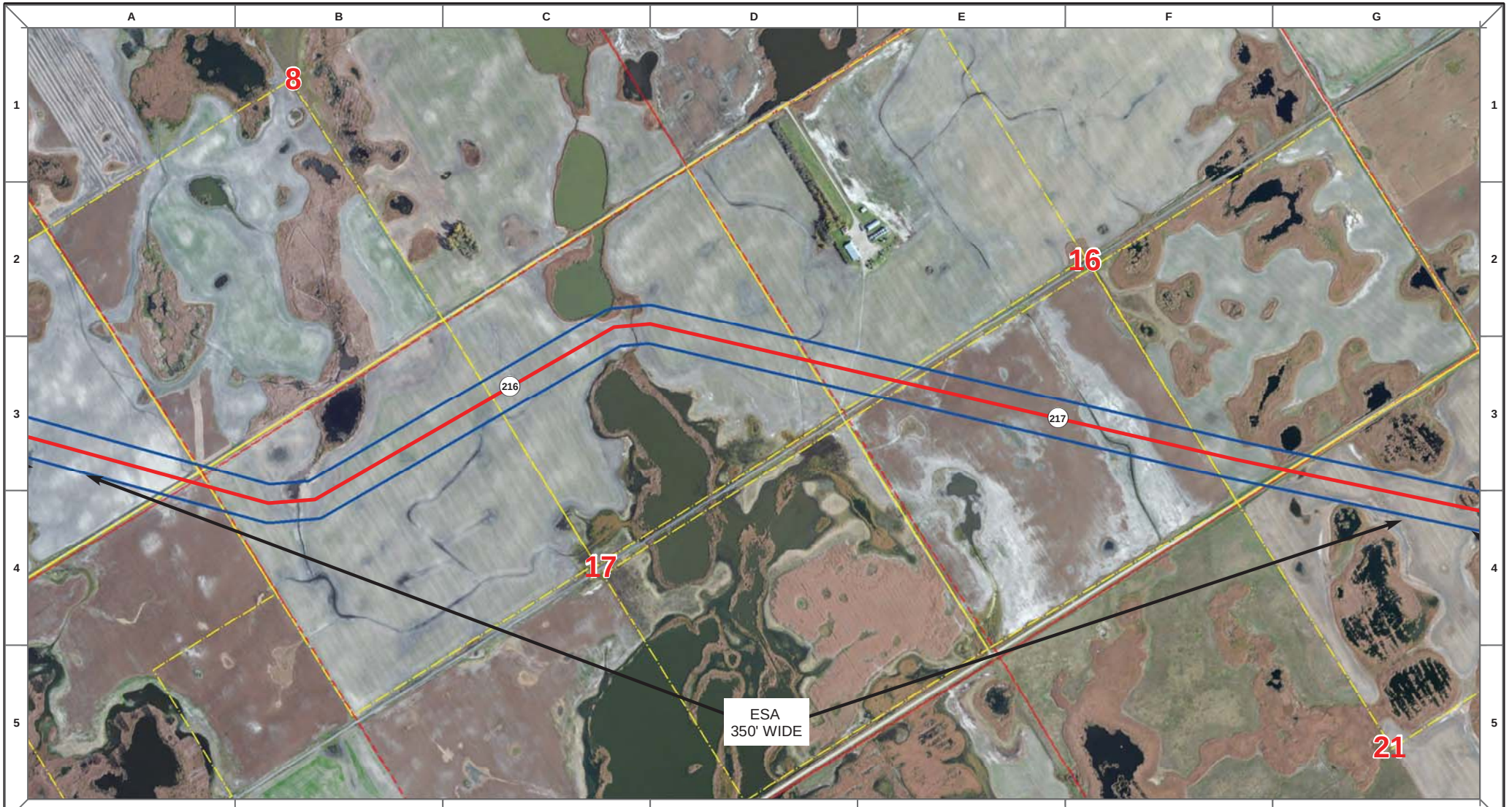
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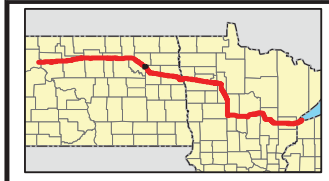
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
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SPREAD BREAK

1 Milepost - Sandpiper
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Tract Boundary
Facility Boundary
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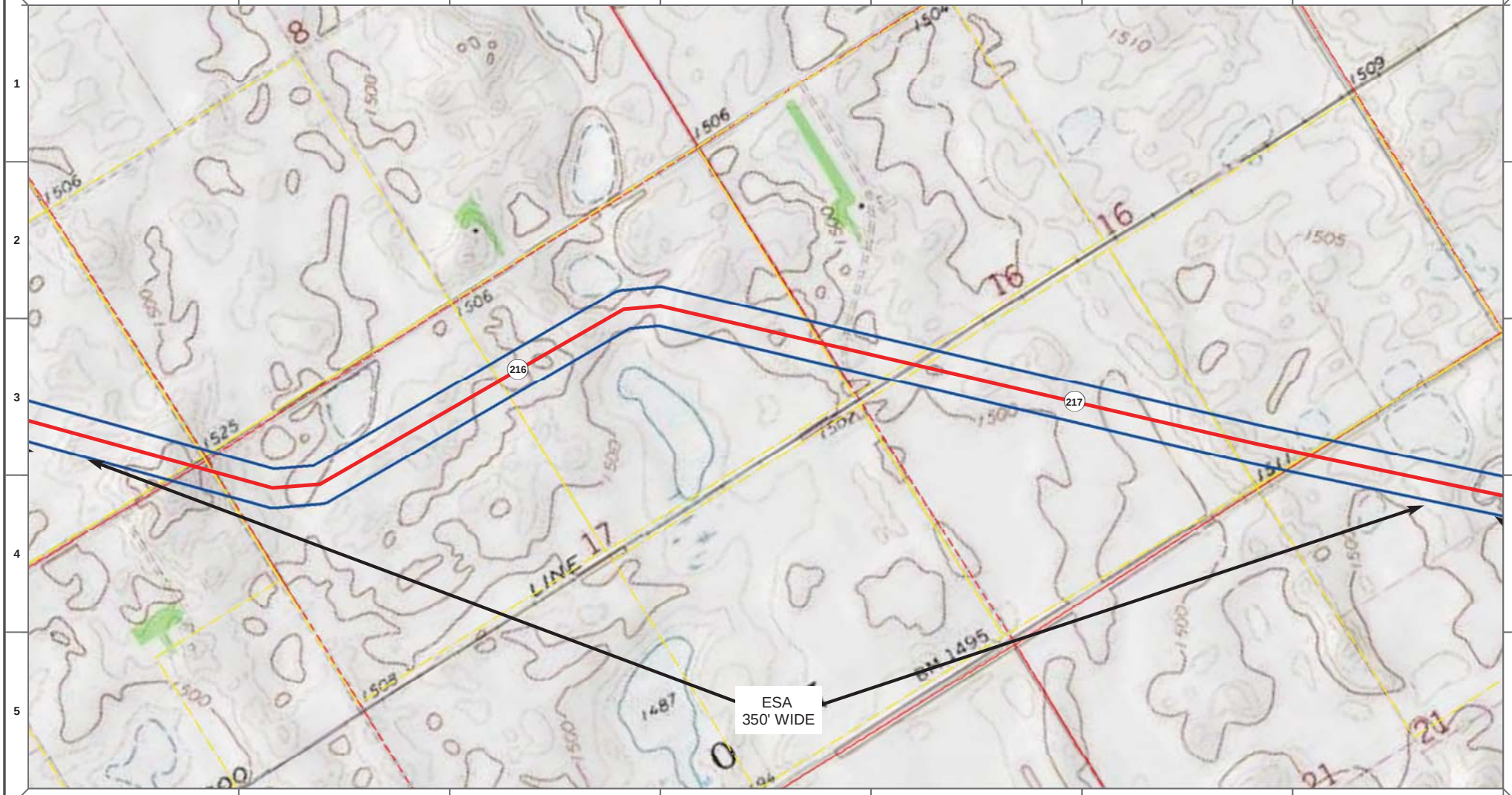
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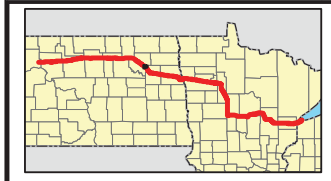
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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500 250 0 500 1,000 Feet

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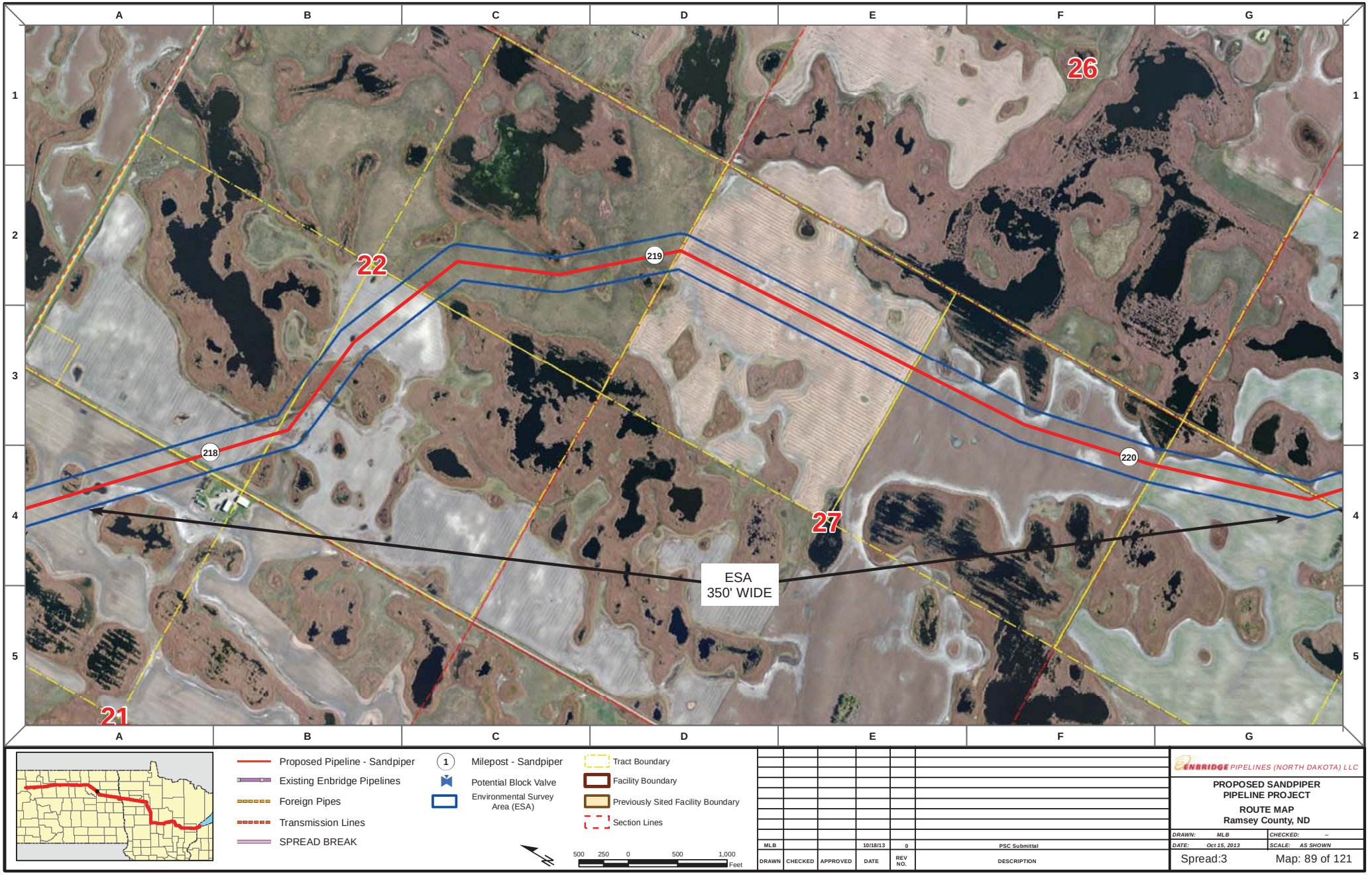
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:3 Map: 88 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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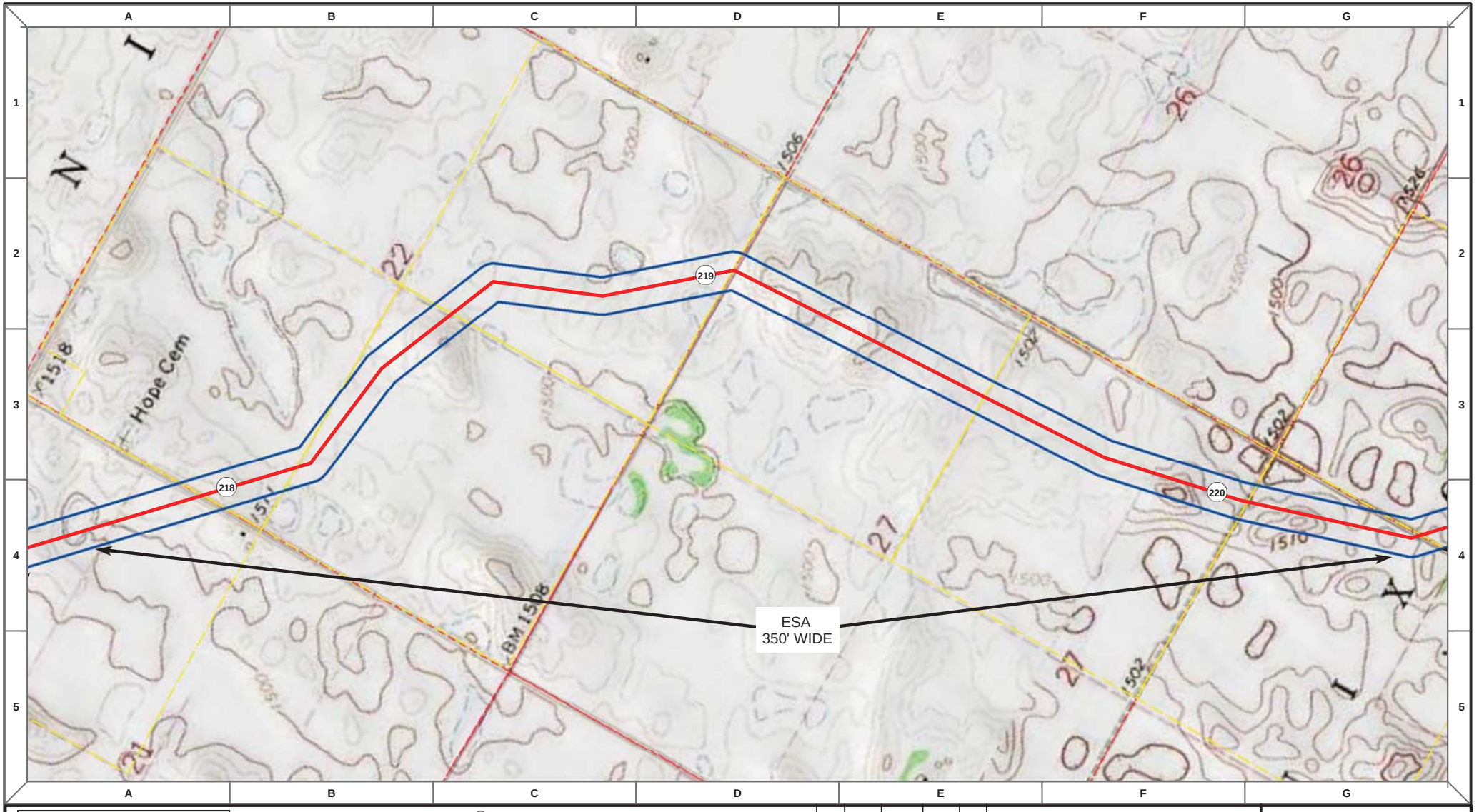
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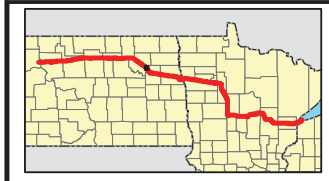
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

DRAWN: MLB	CHECKED: --
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Spread:3 Map: 89 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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Section Lines

500 250 0 500 1,000 Feet

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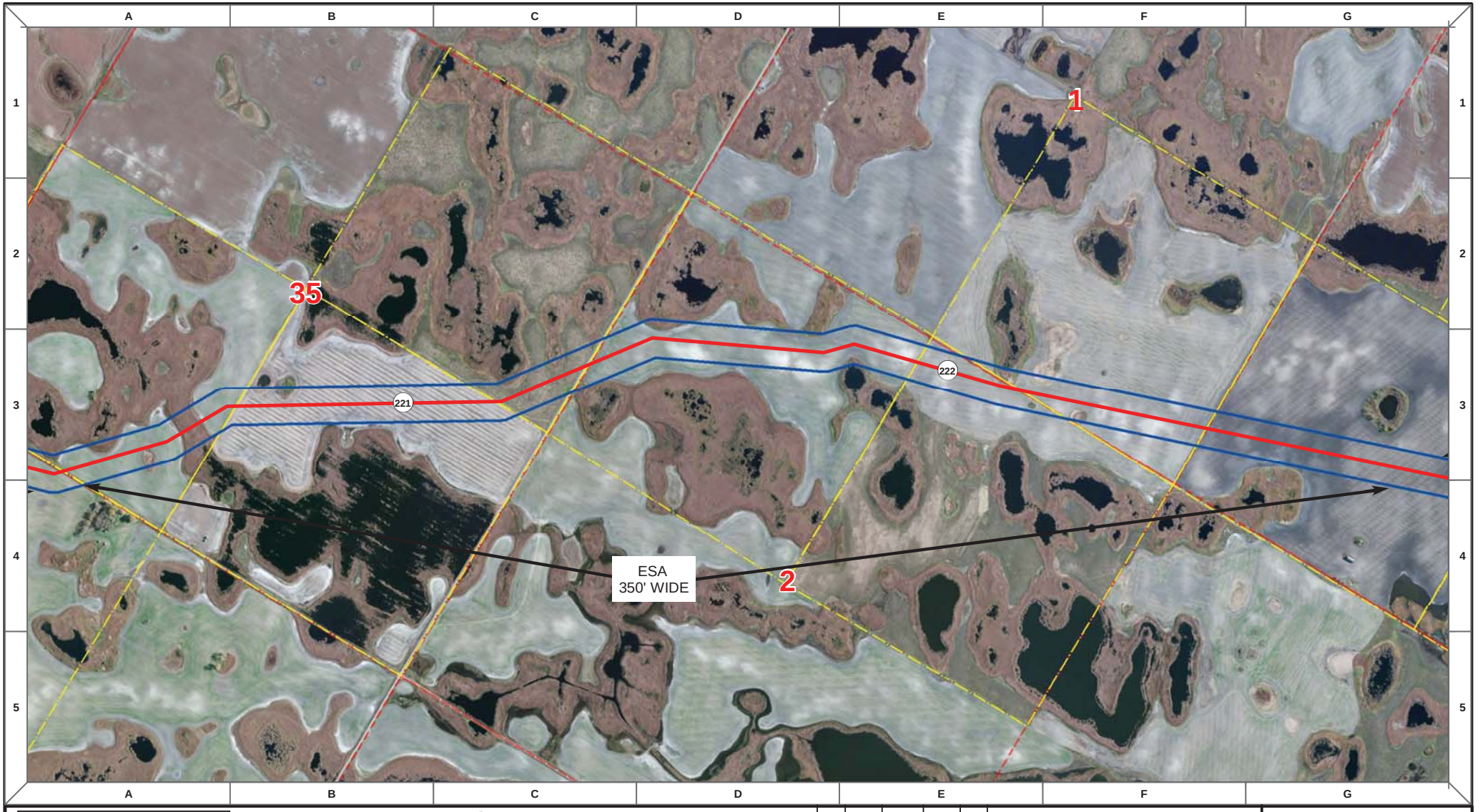
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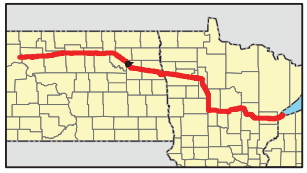
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

DRAWN: MLB CHECKED: --
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Spread:3 Map: 89 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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Section Lines

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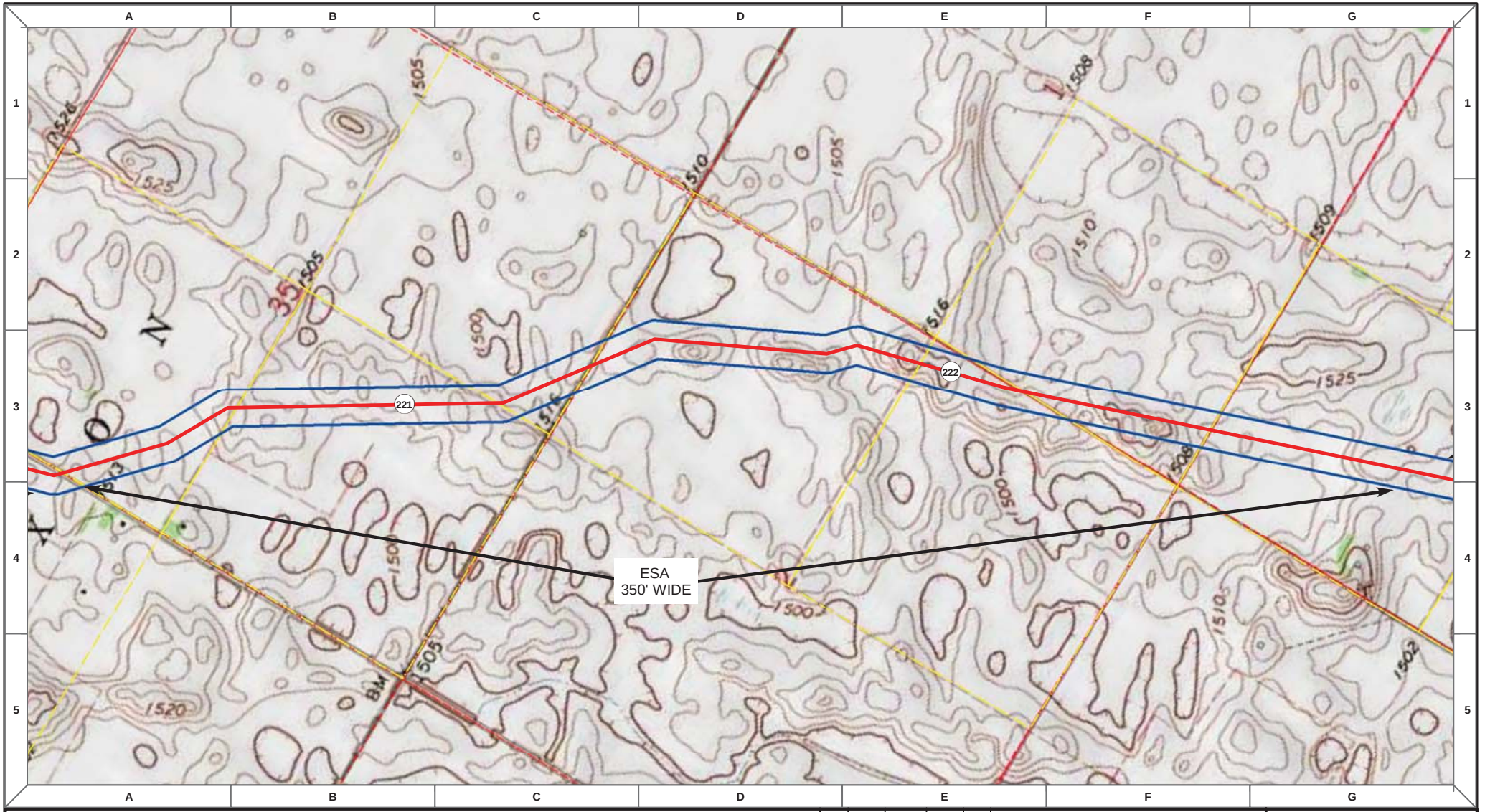
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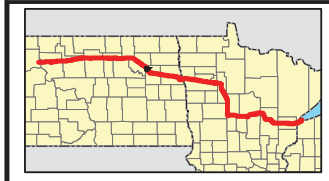
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
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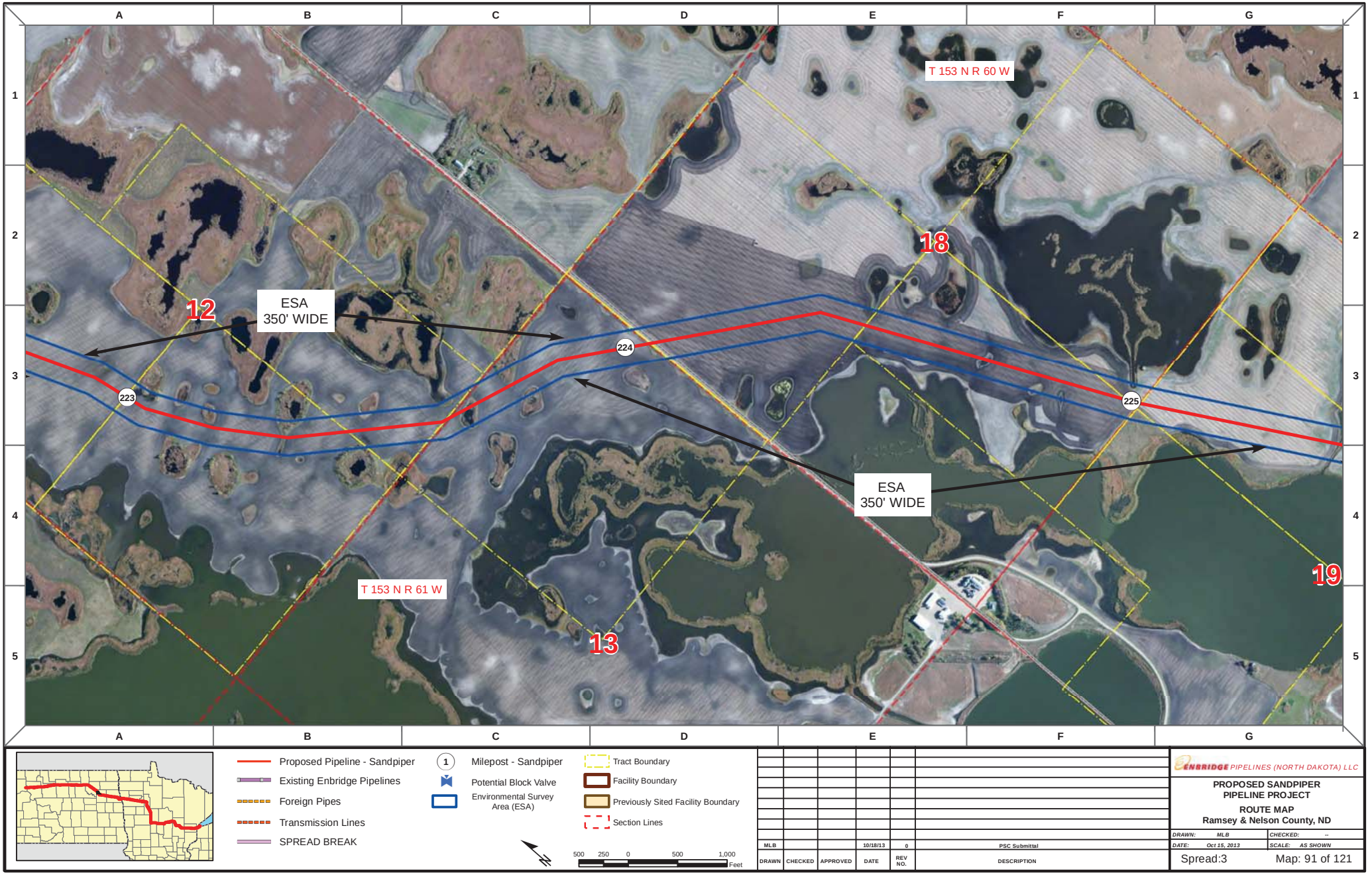
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

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Proposed Pipeline - Sandpiper
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SPREAD BREAK

1 Milepost - Sandpiper
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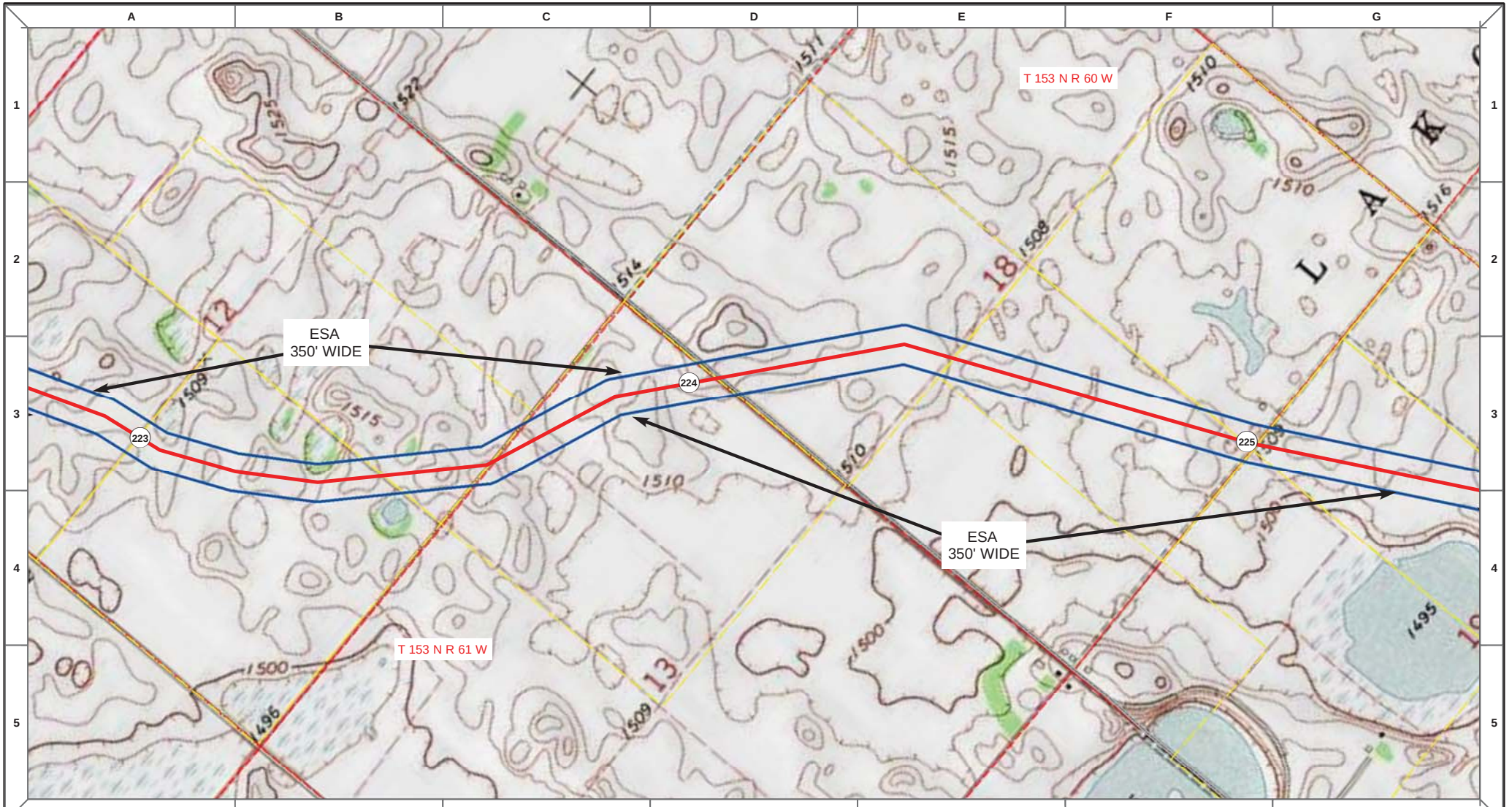
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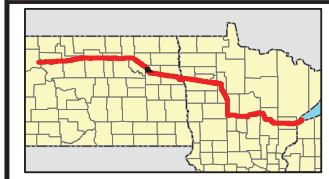
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey & Nelson County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:3 Map: 91 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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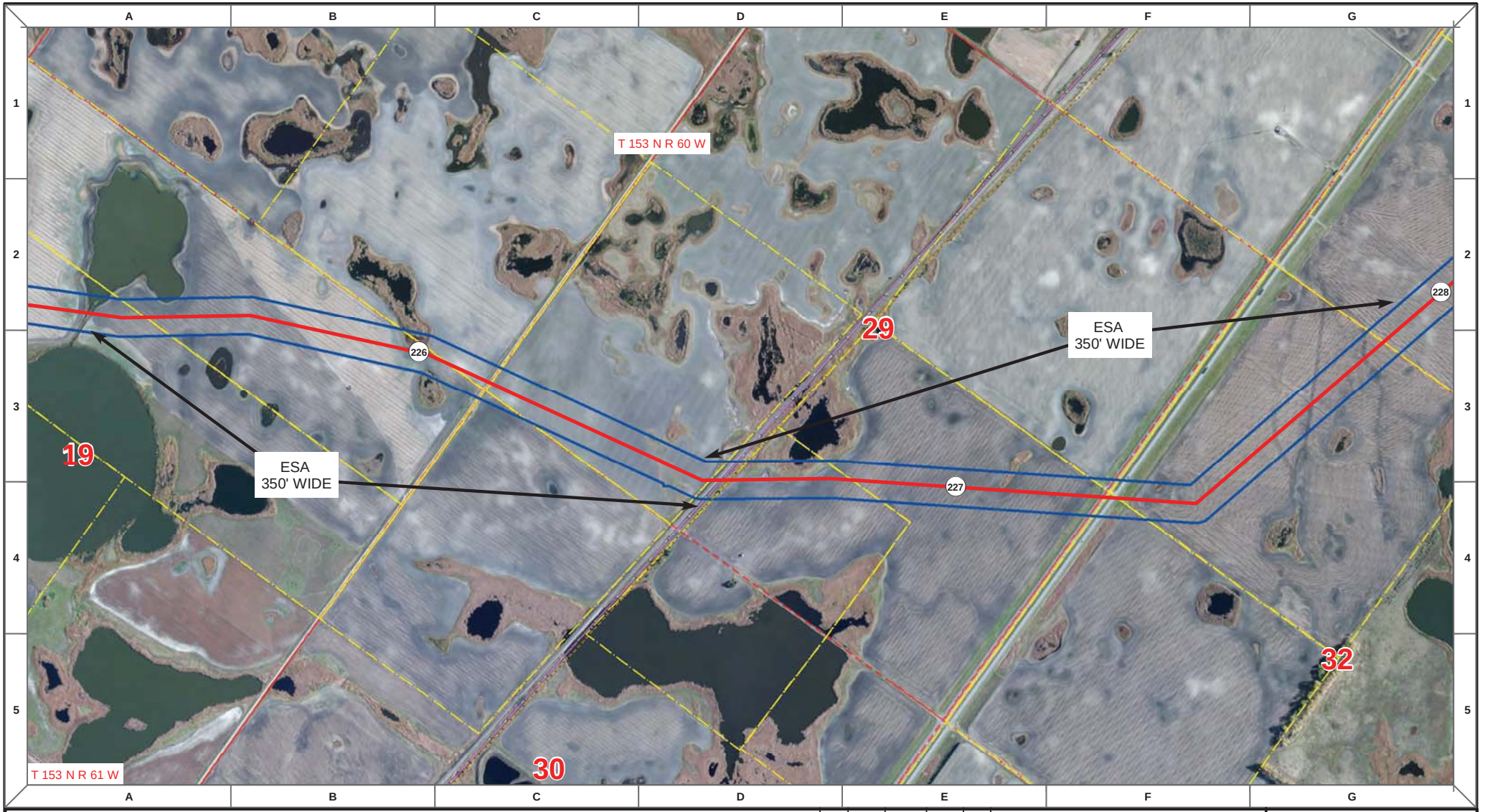
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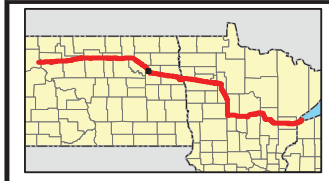
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Ramsey & Nelson County, ND

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Spread:3 Map: 91 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
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Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
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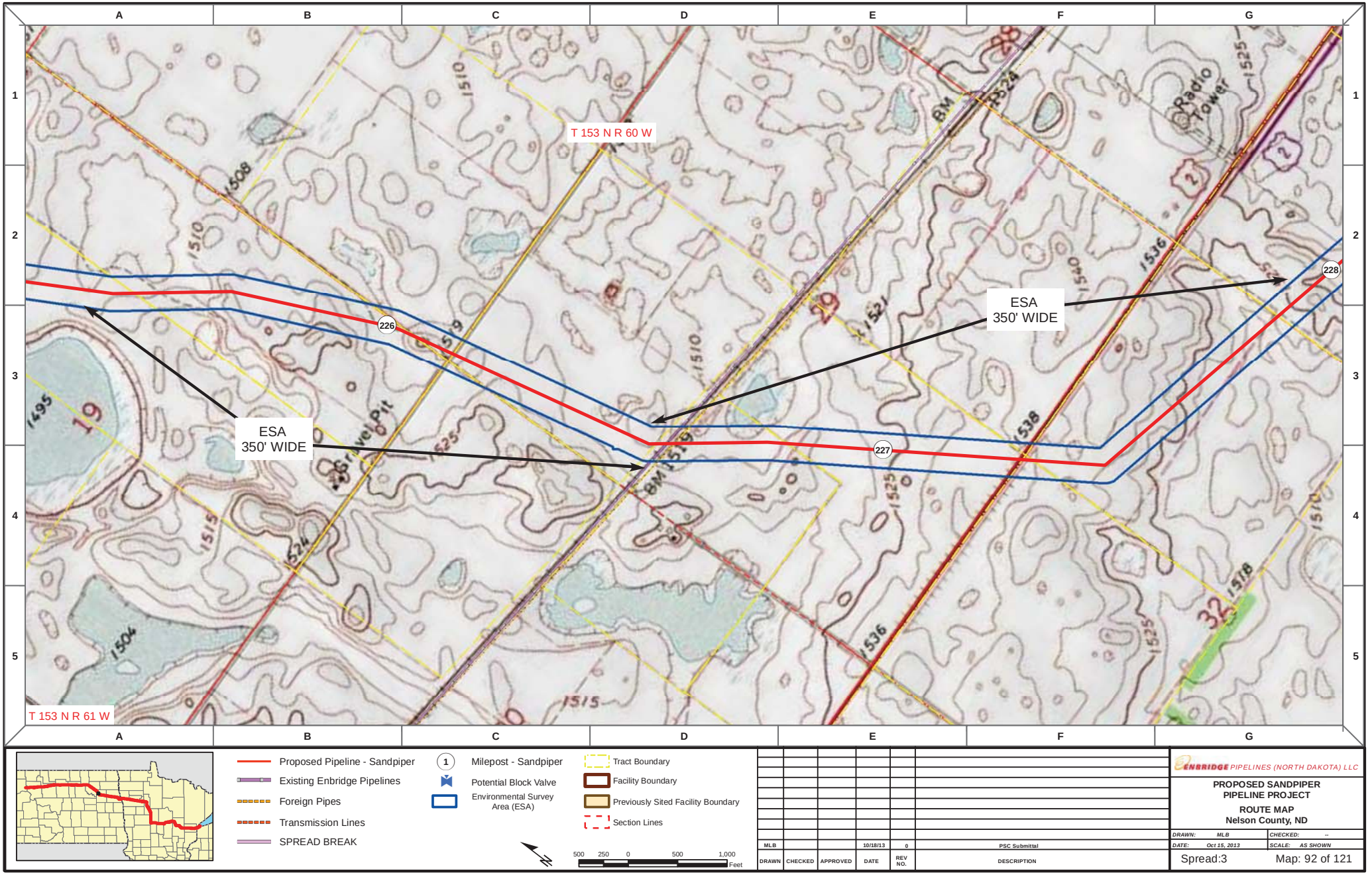
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Nelson County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:3 Map: 92 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
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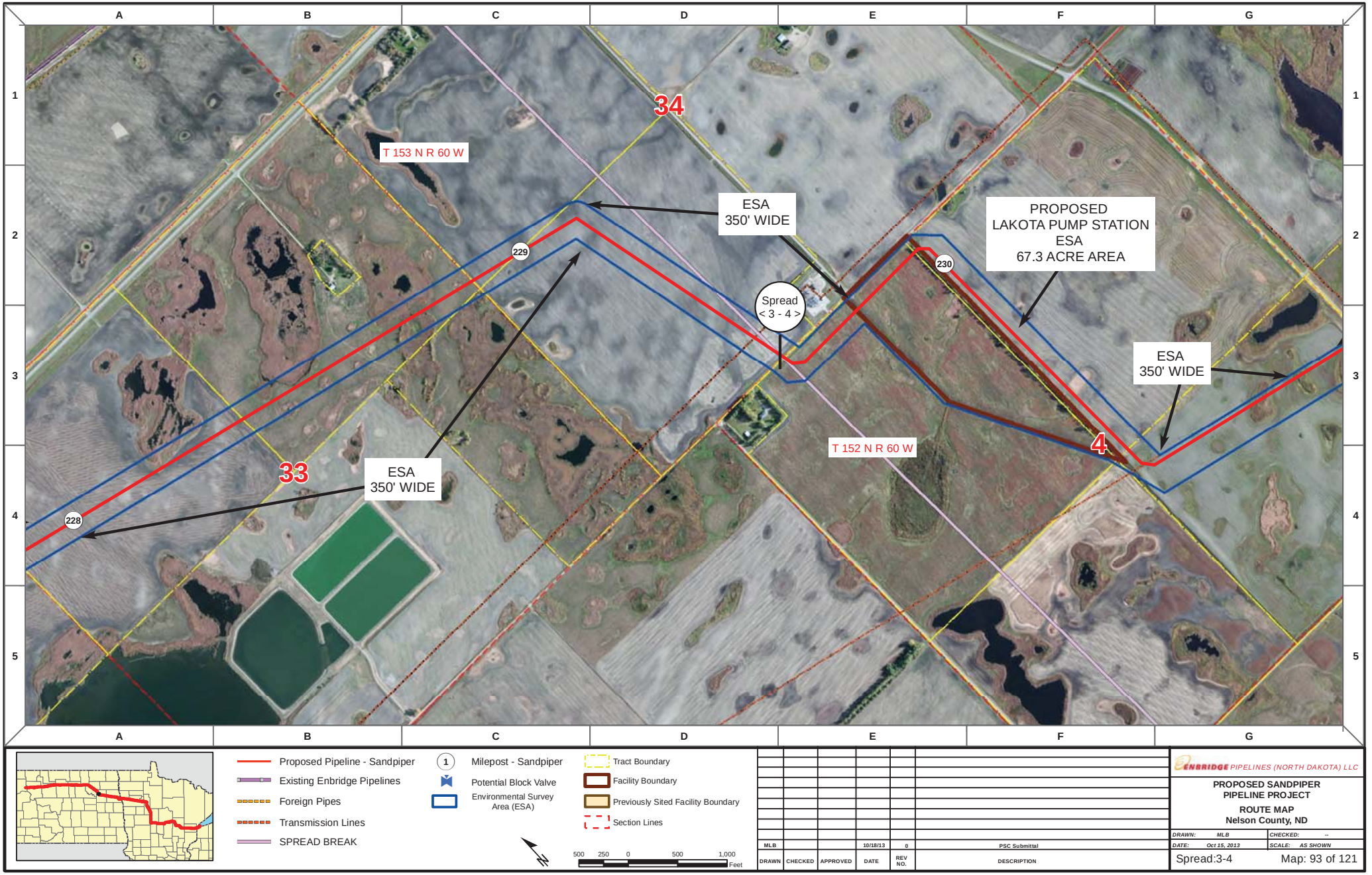
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Nelson County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:3 Map: 92 of 121



Proposed Pipeline - Sandpiper
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Transmission Lines
SPREAD BREAK

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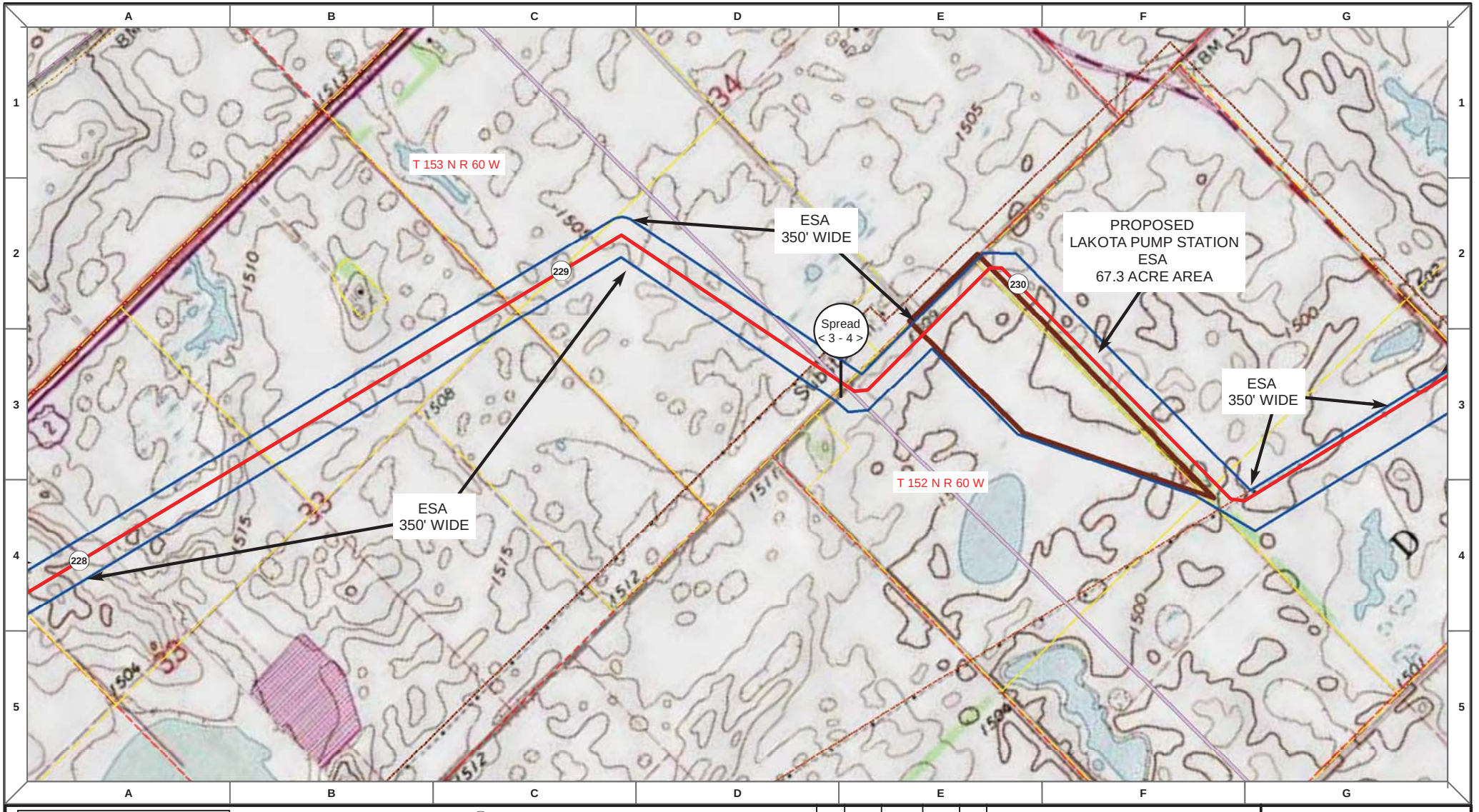
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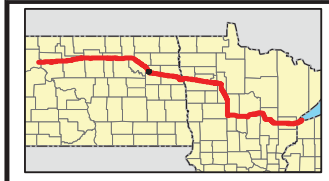
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Nelson County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:3-4 Map: 93 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
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Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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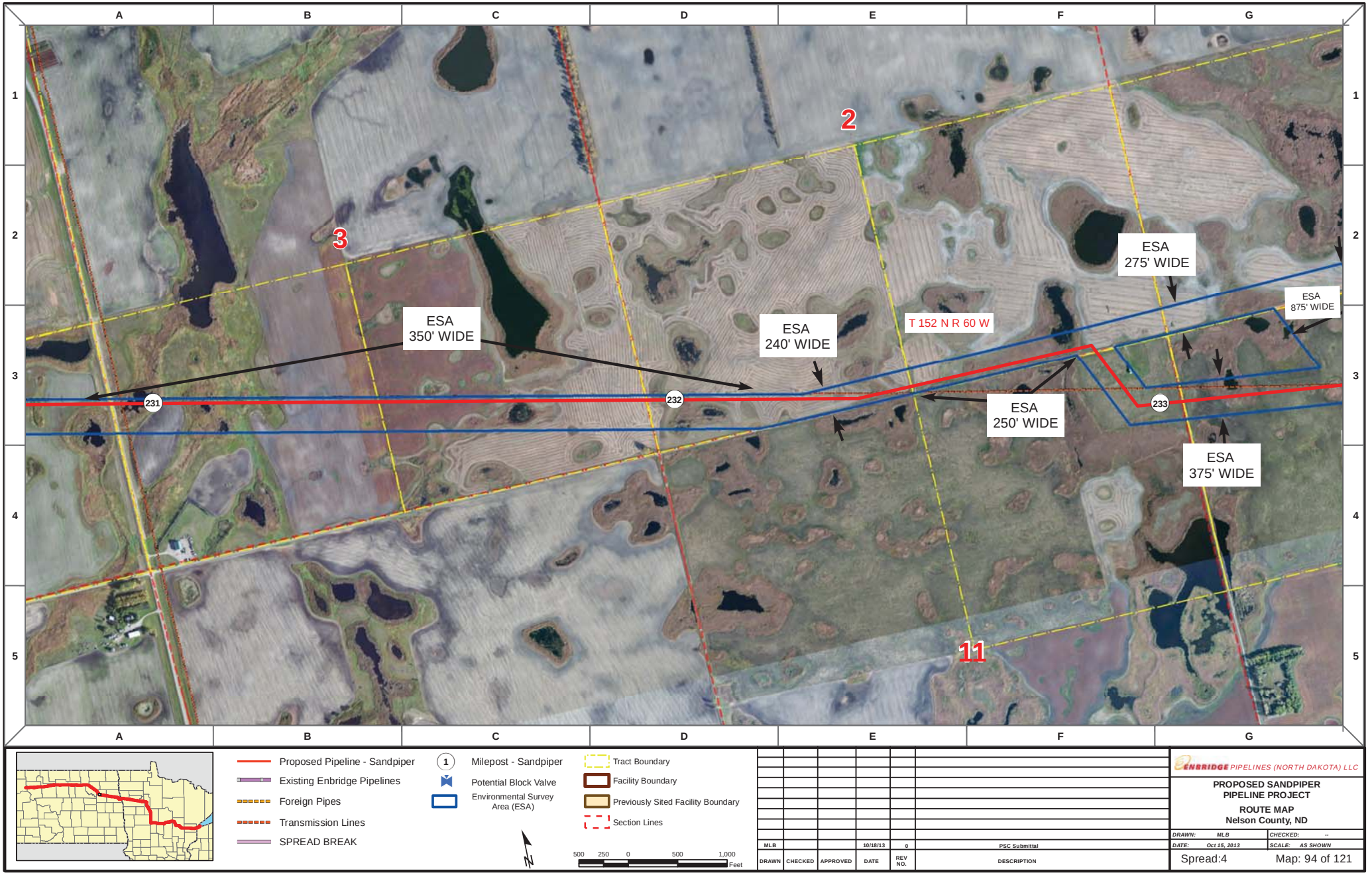
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Nelson County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:3-4 Map: 93 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
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Tract Boundary
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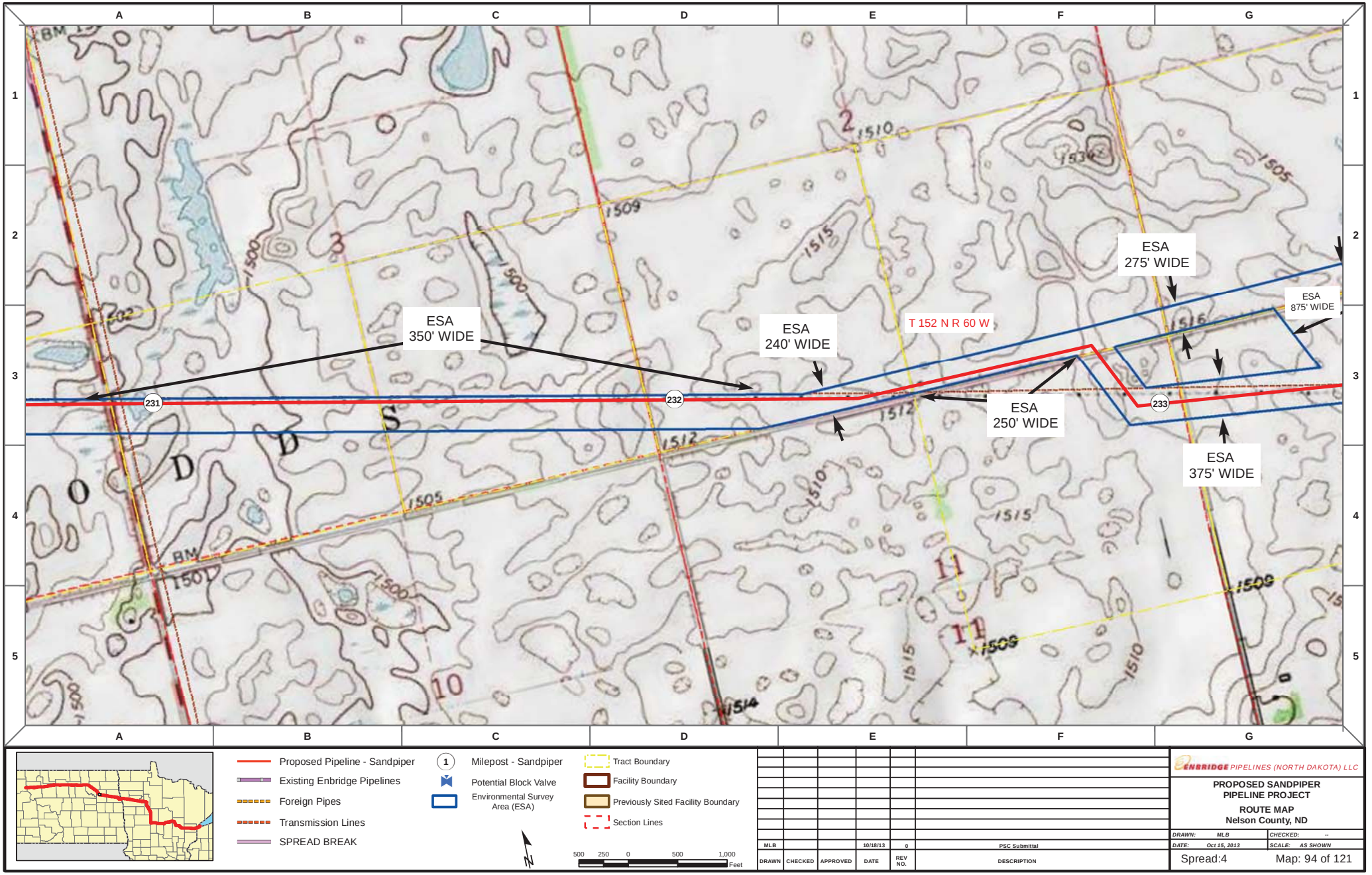
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Nelson County, ND

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Spread:4 Map: 94 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
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Tract Boundary
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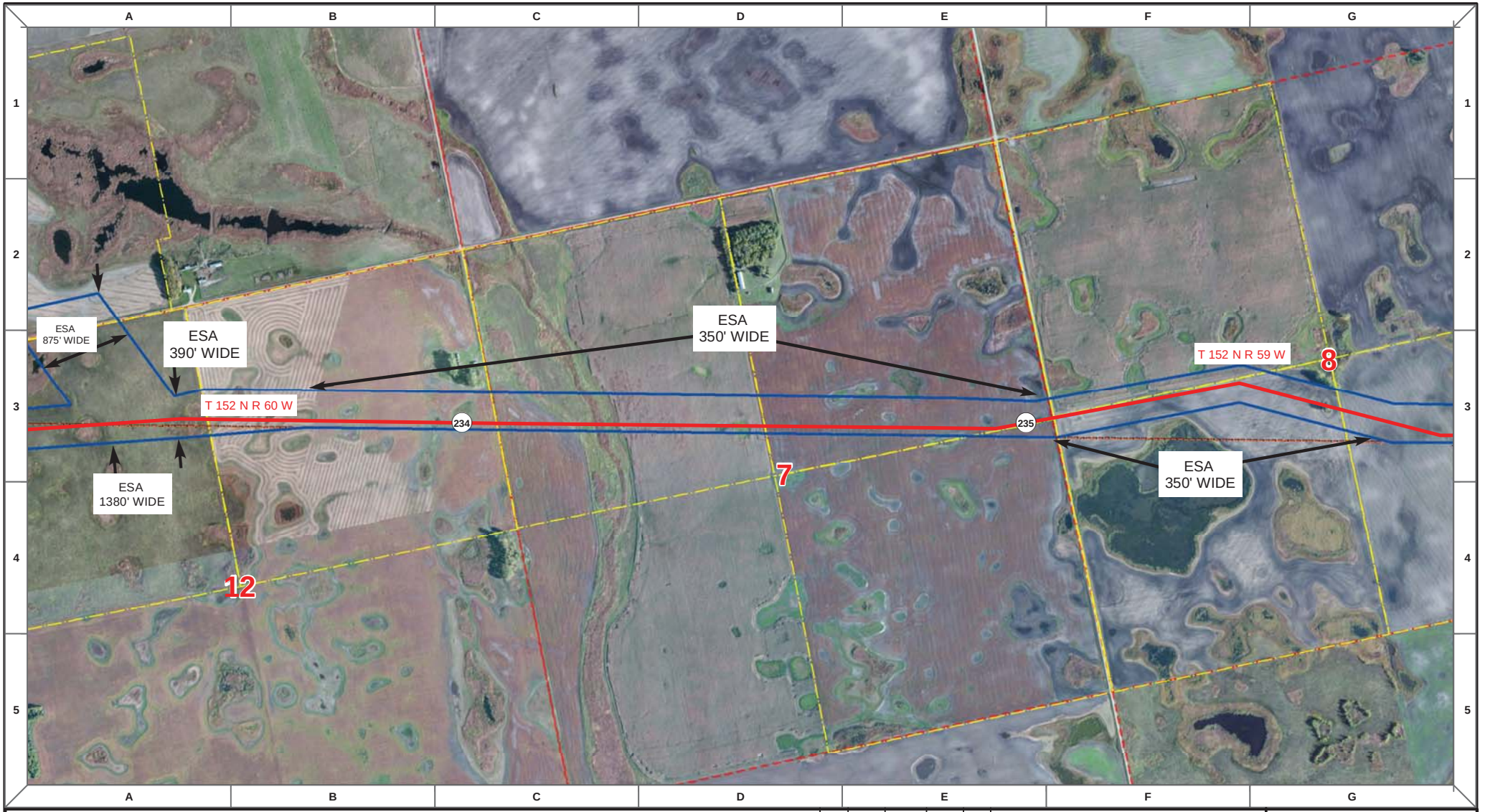
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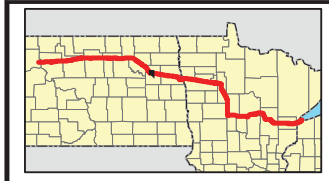
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Nelson County, ND

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Proposed Pipeline - Sandpiper
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Transmission Lines
SPREAD BREAK

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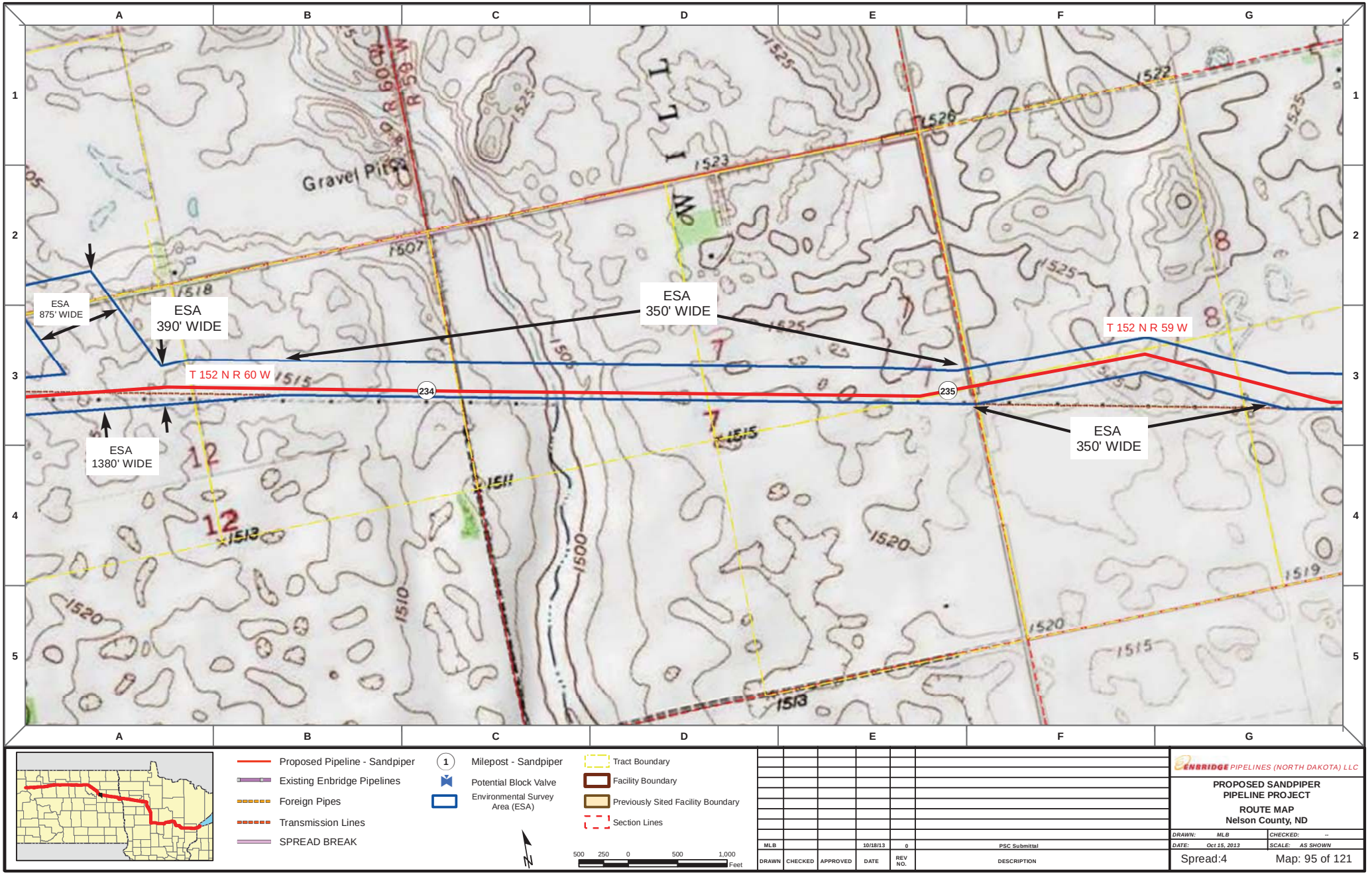
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Nelson County, ND

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DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:4 Map: 95 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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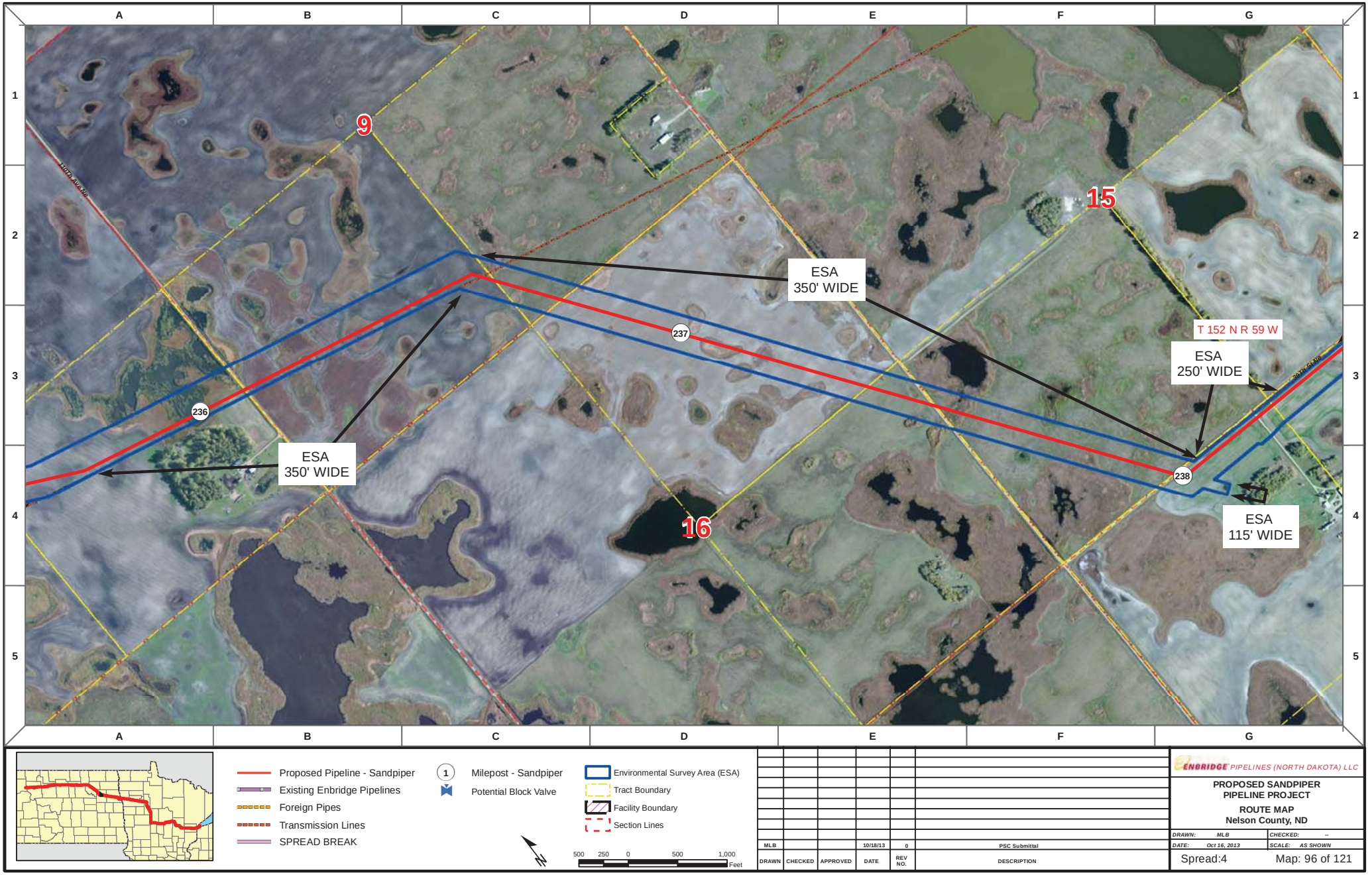
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PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Nelson County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve

Environmental Survey Area (ESA)
Tract Boundary
Facility Boundary
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500 250 0 500 1,000 Feet

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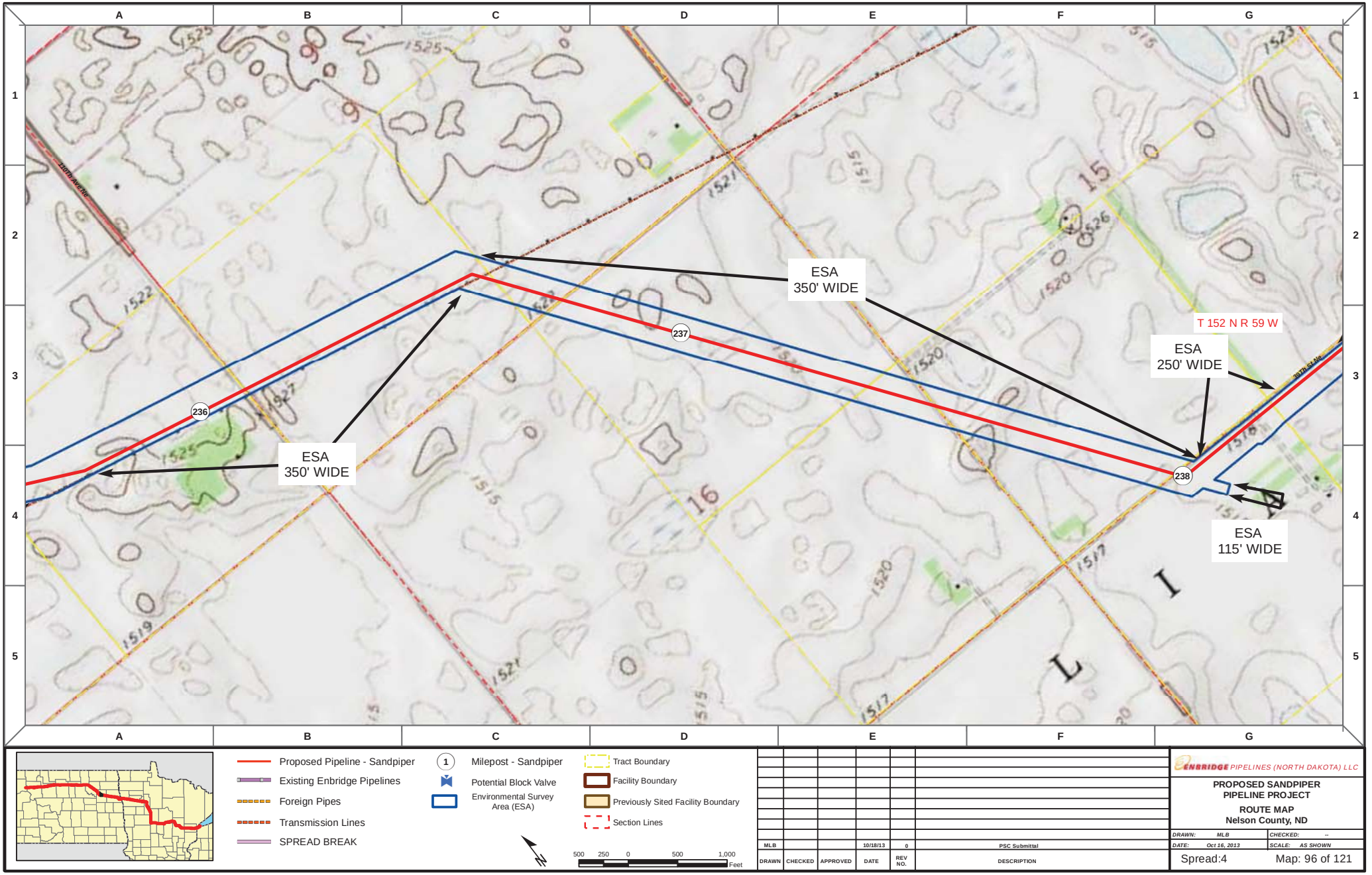
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Nelson County, ND

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DATE: Oct 16, 2013 SCALE: AS SHOWN

Spread:4 Map: 96 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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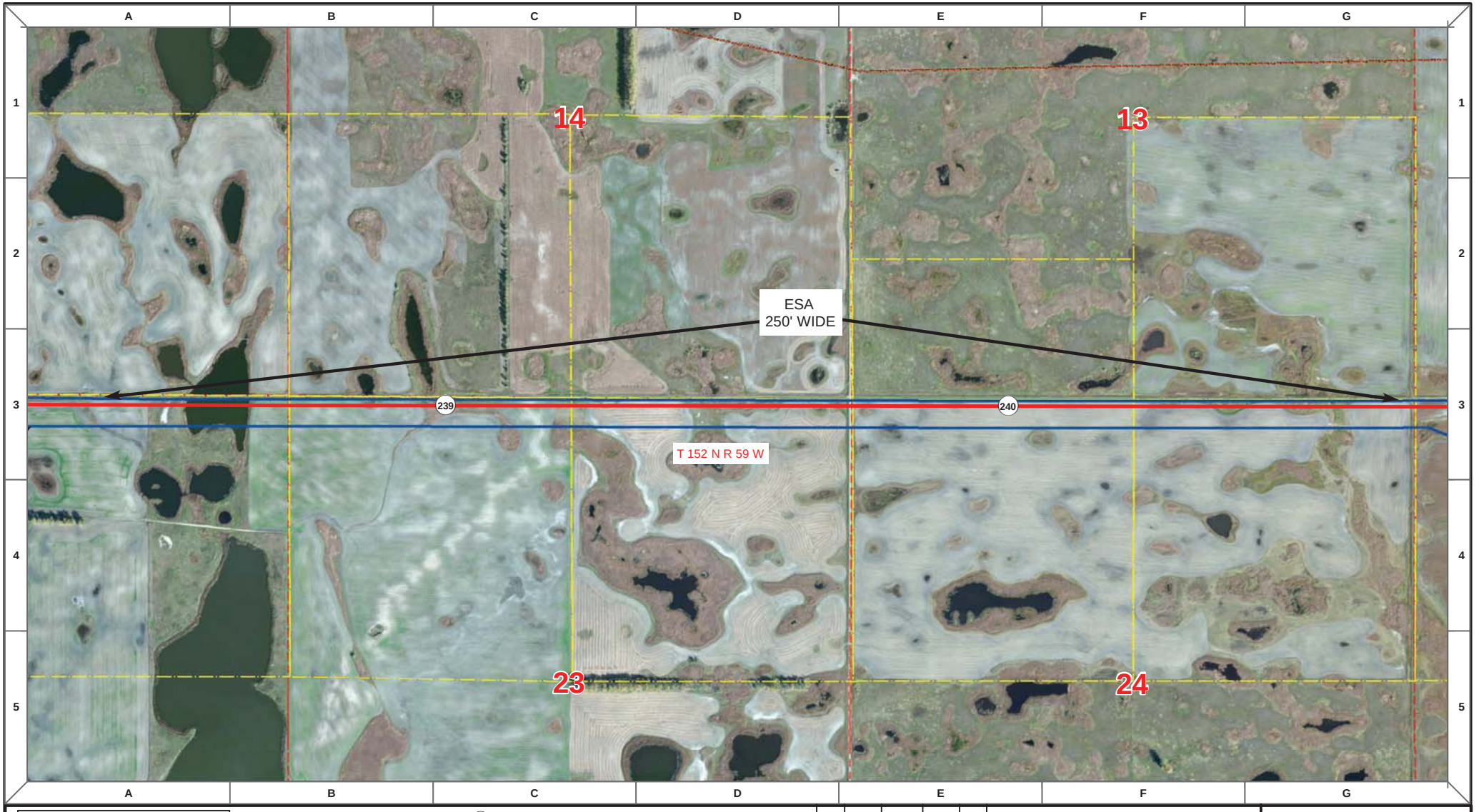
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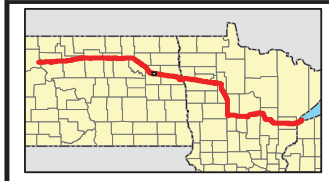
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ROUTE MAP
Nelson County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
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SPREAD BREAK

1 Milepost - Sandpiper
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Tract Boundary
Facility Boundary
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Section Lines

N

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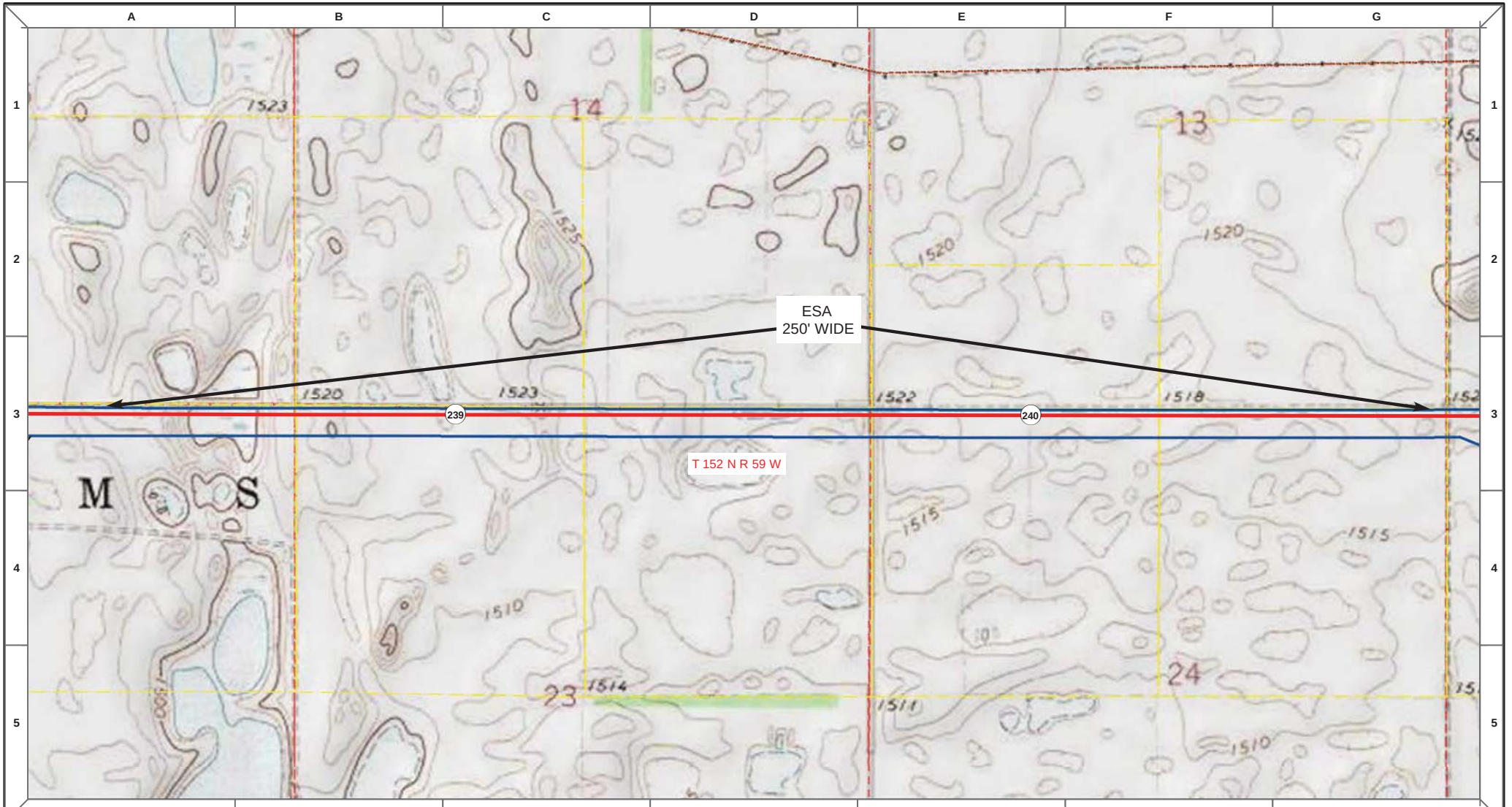
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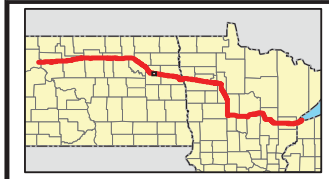
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Nelson County, ND

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Spread:4 Map: 97 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
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SPREAD BREAK

1 Milepost - Sandpiper
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Tract Boundary
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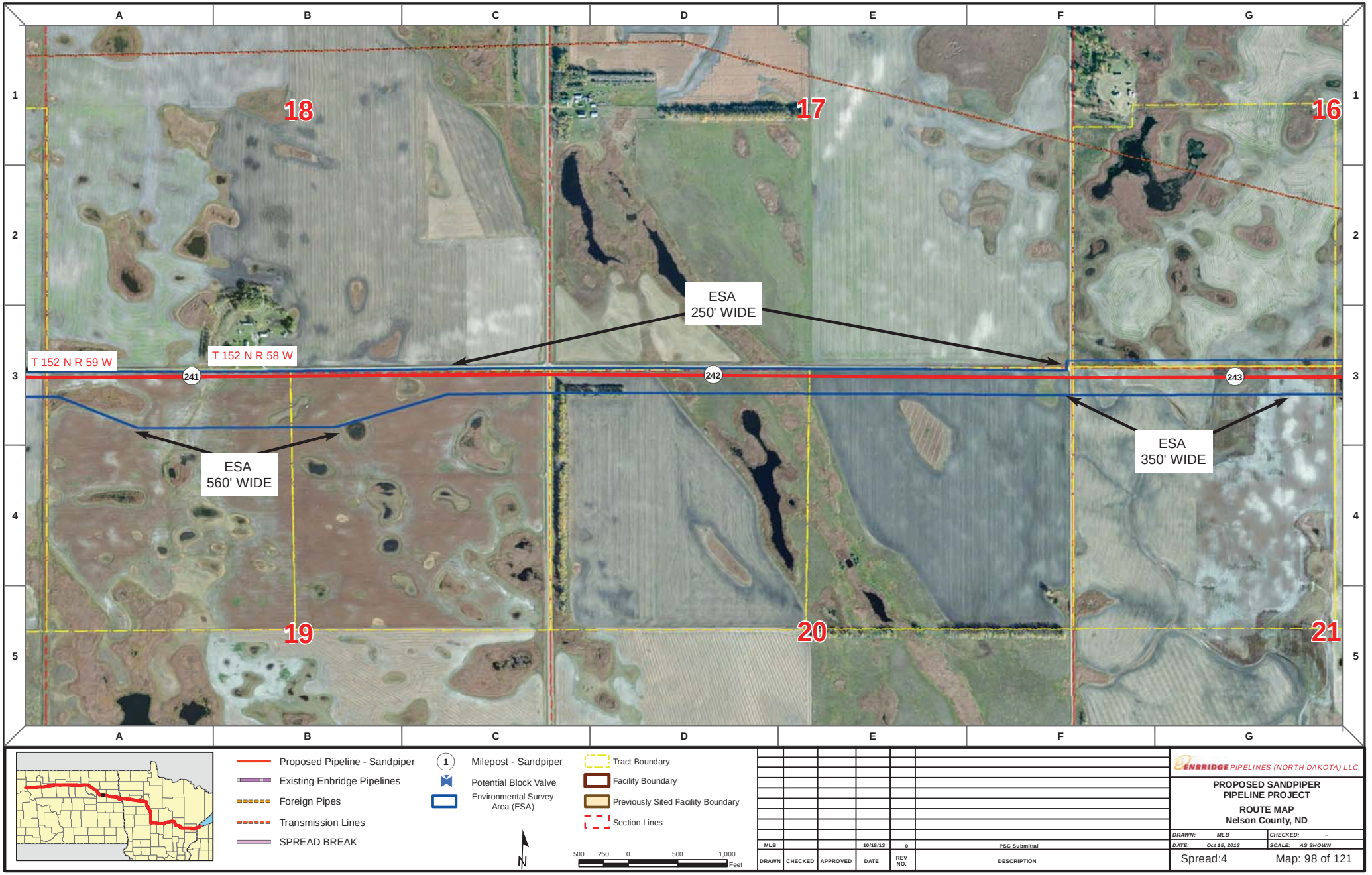
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PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Nelson County, ND

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Proposed Pipeline - Sandpiper
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1 Milepost - Sandpiper
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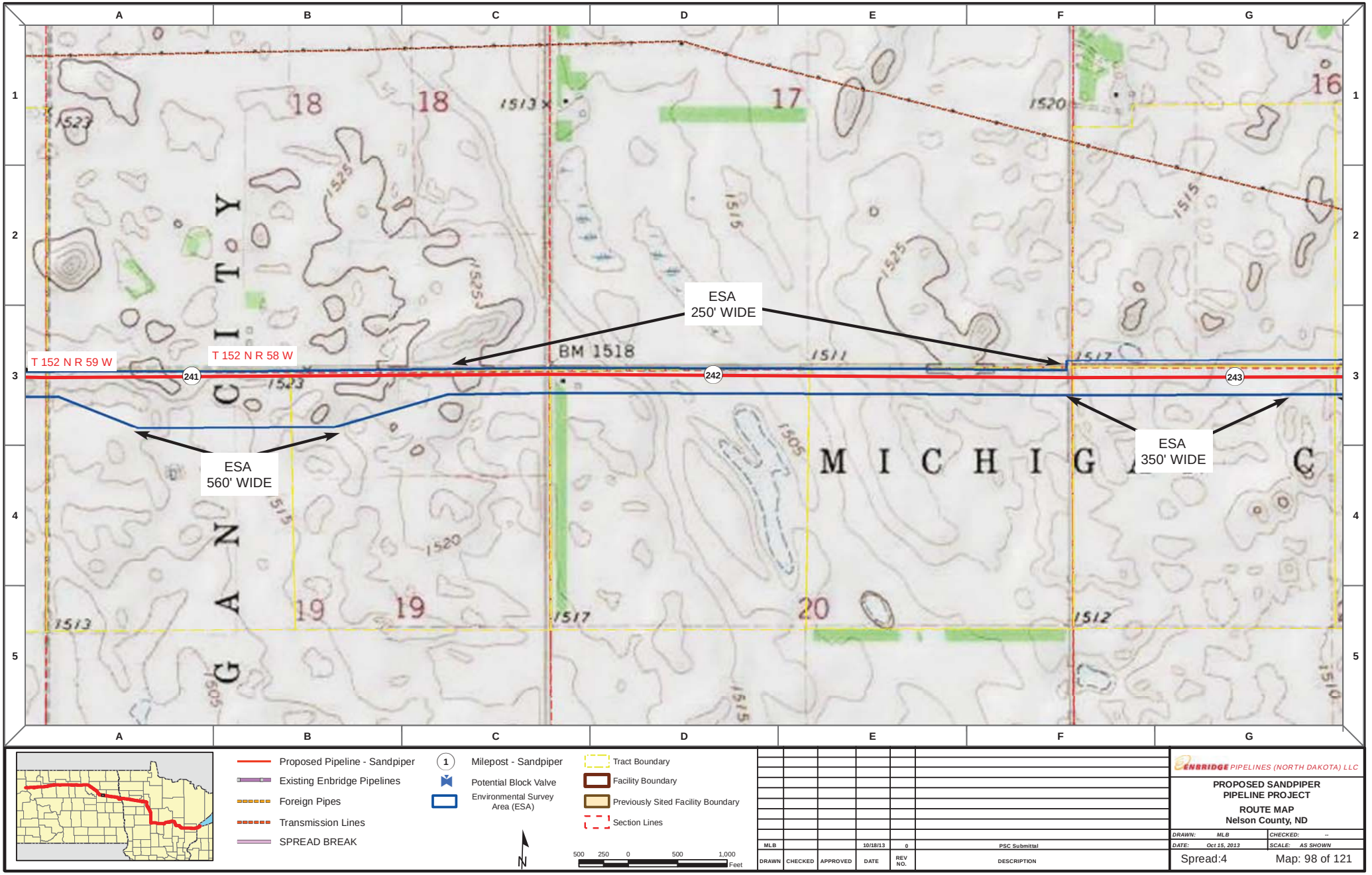
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Nelson County, ND

DRAWN: MLB	CHECKED: --
DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:4 Map: 98 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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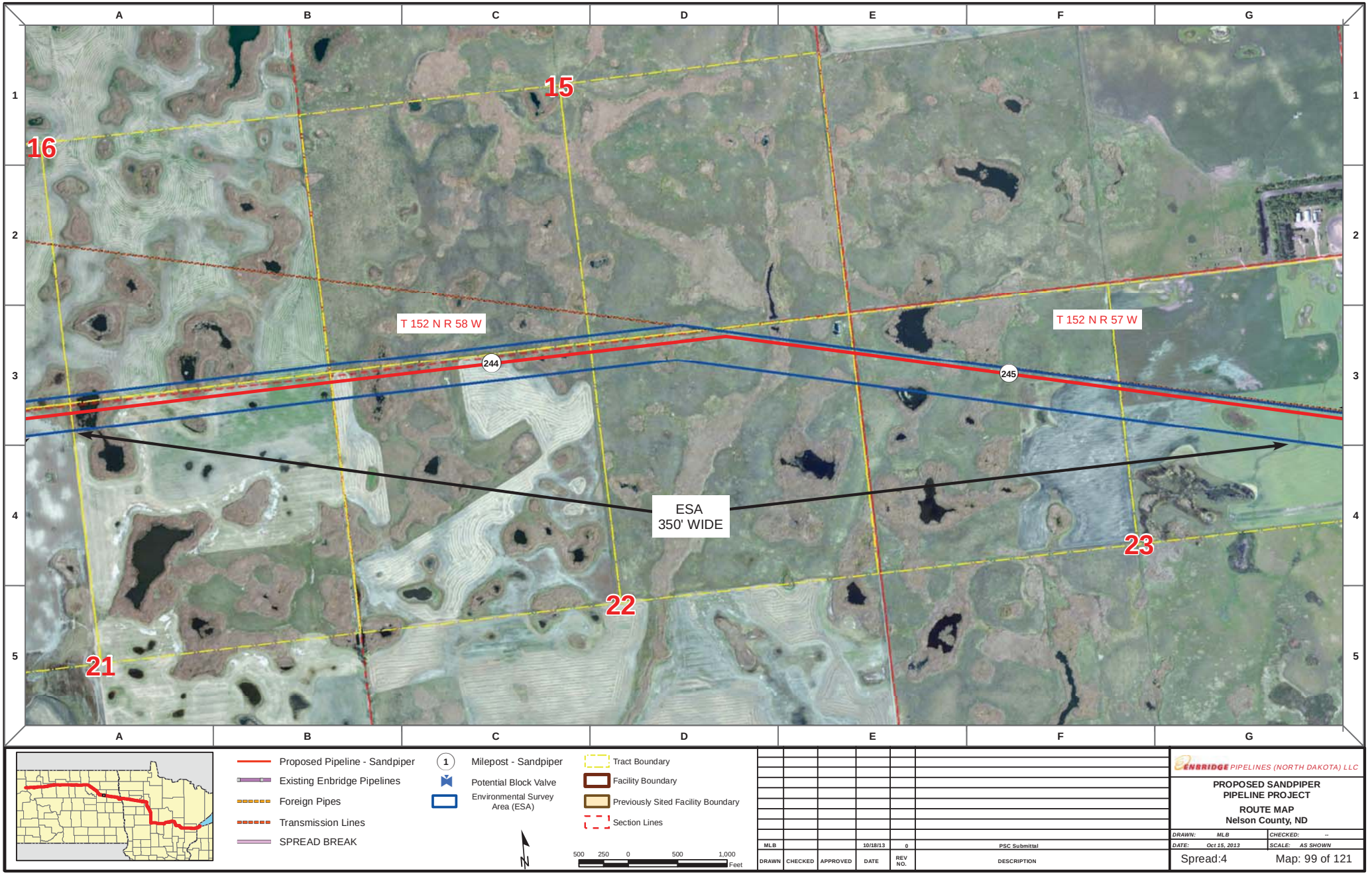
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Nelson County, ND

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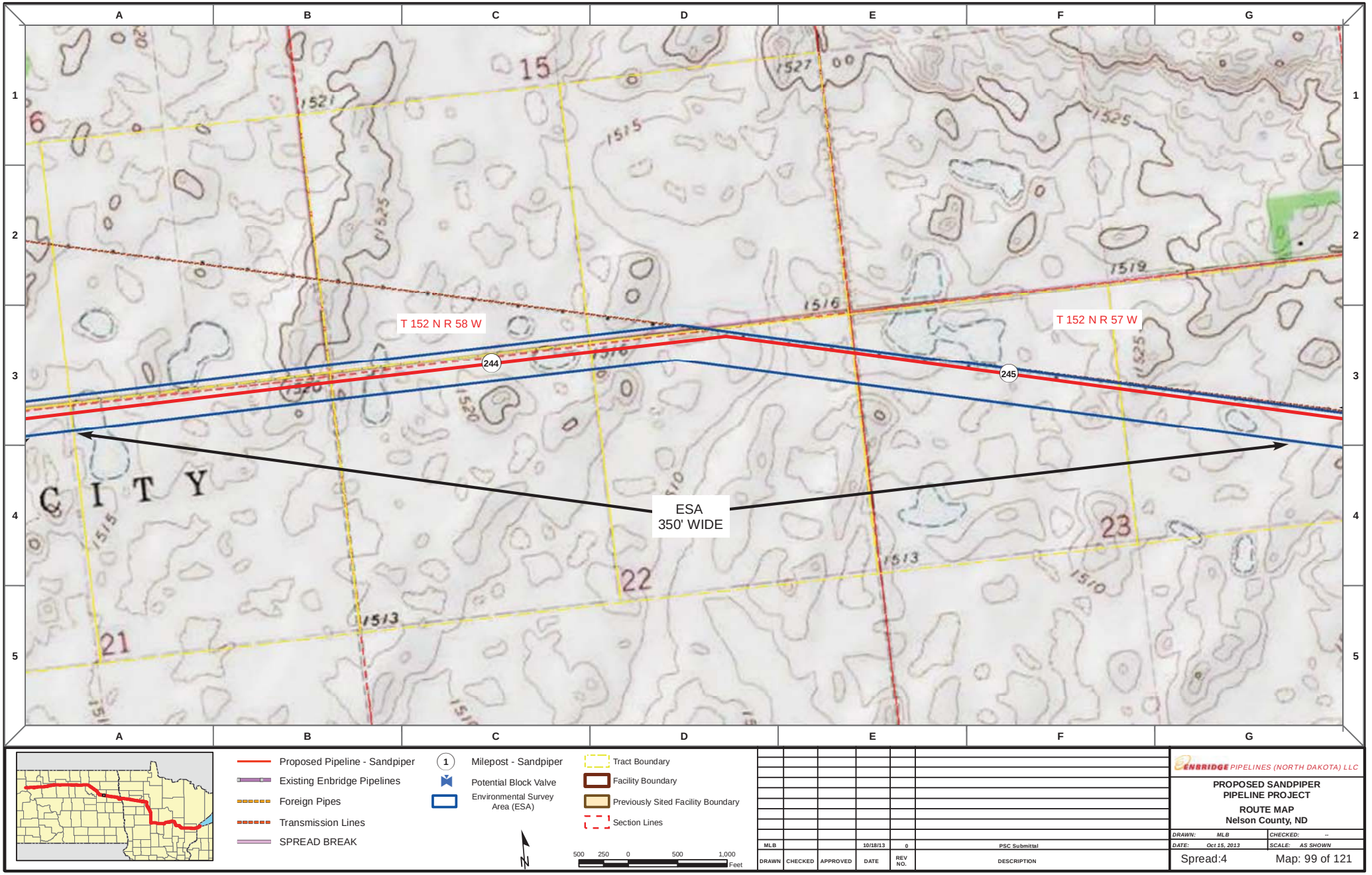
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PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Nelson County, ND

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Proposed Pipeline - Sandpiper
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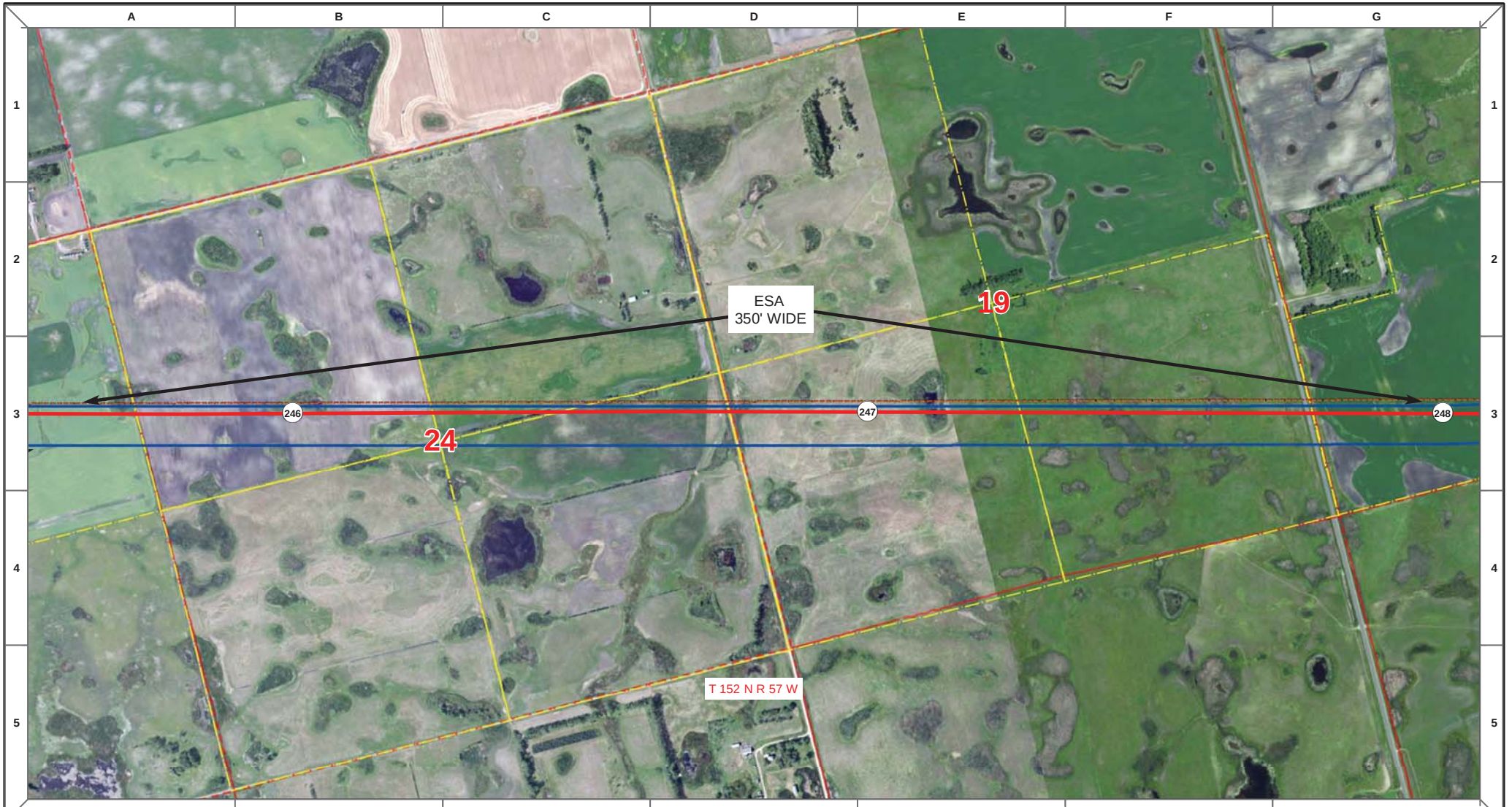
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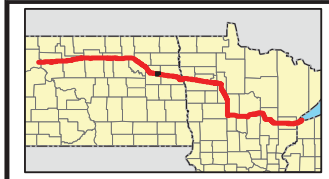
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Nelson County, ND

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Proposed Pipeline - Sandpiper
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SPREAD BREAK

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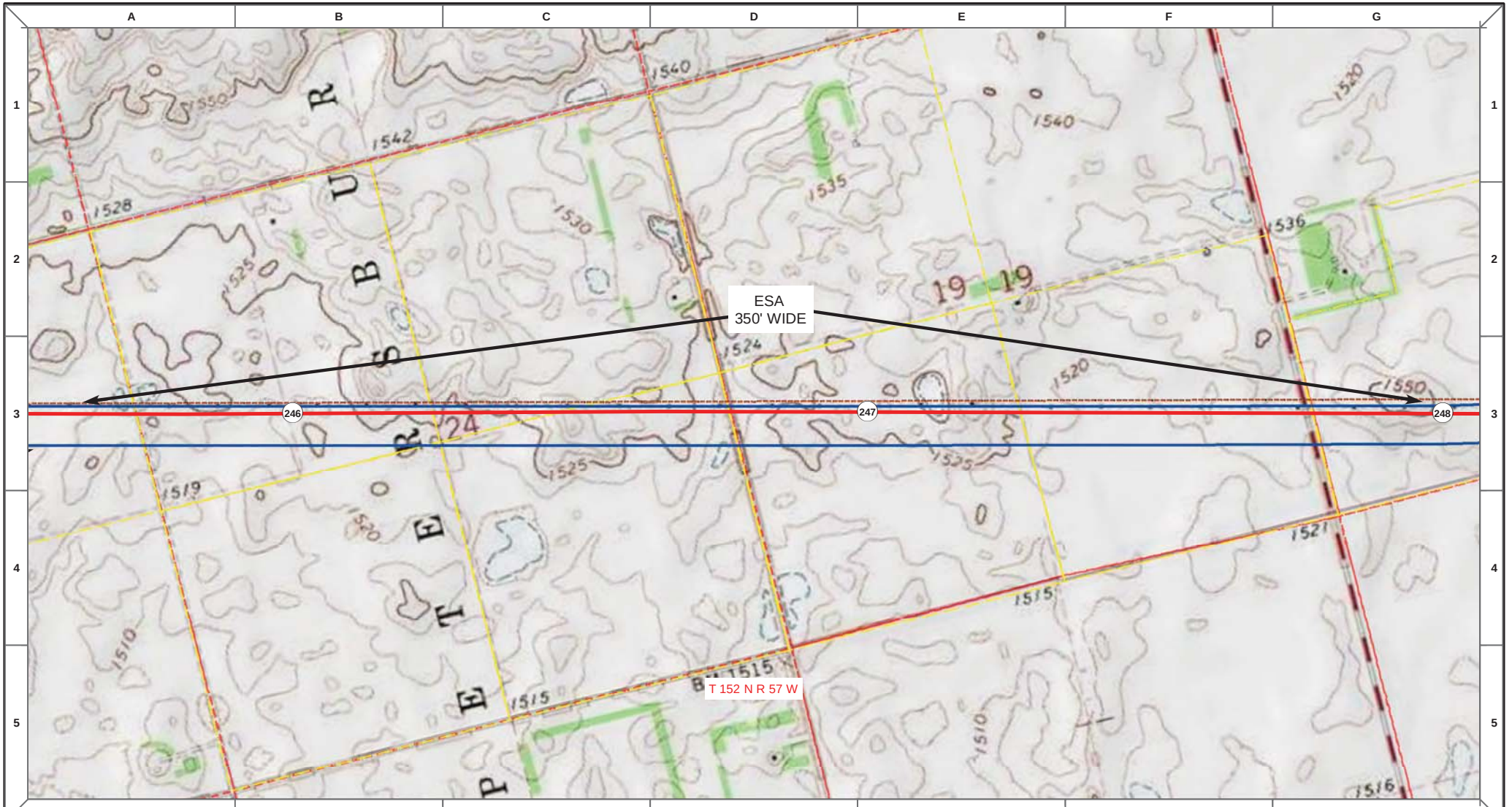
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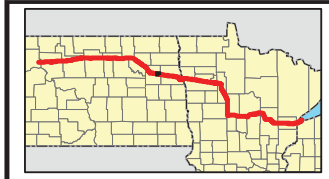
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Nelson County, ND

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Proposed Pipeline - Sandpiper
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SPREAD BREAK

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Environmental Survey Area (ESA)

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Section Lines

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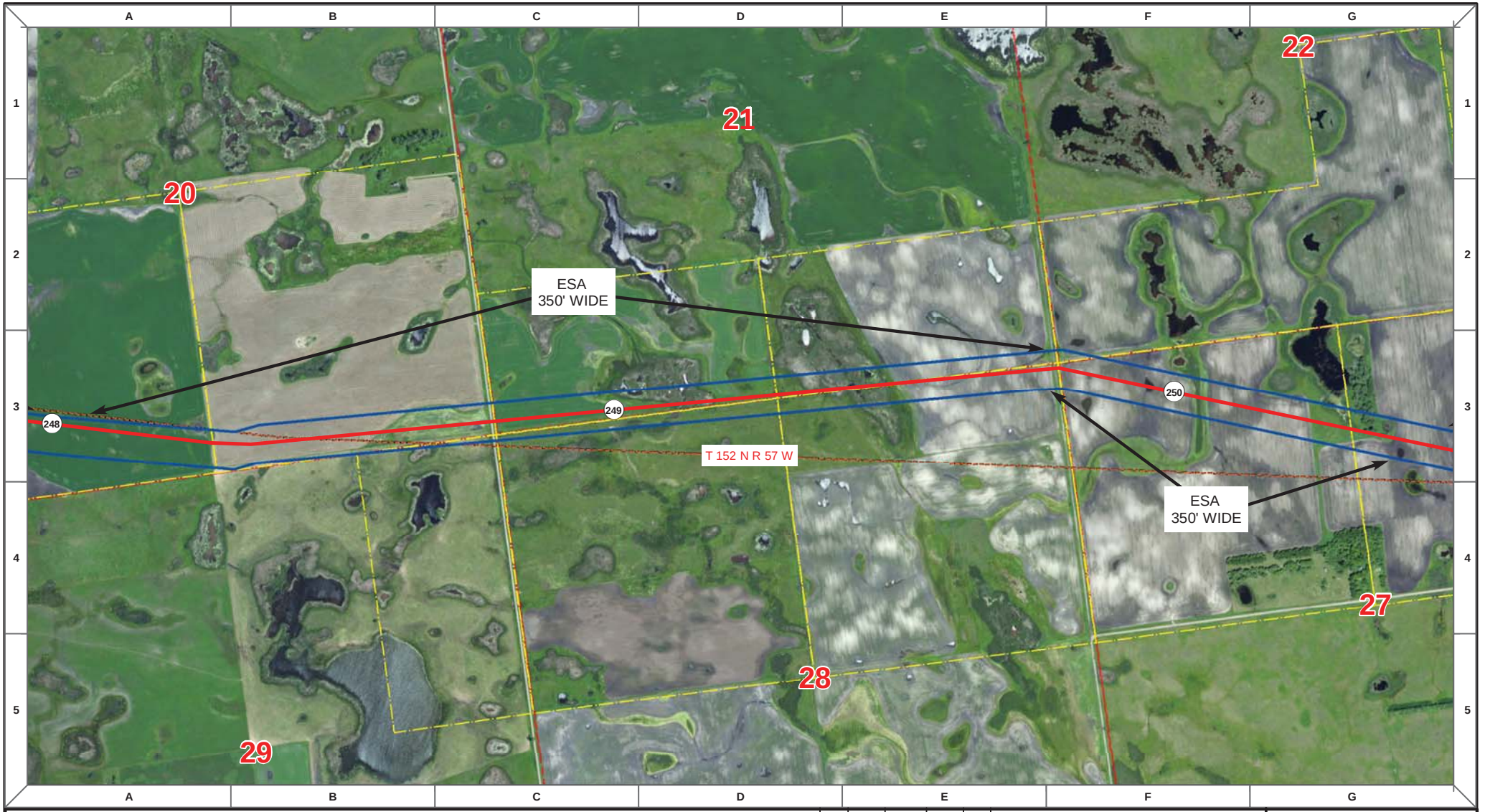
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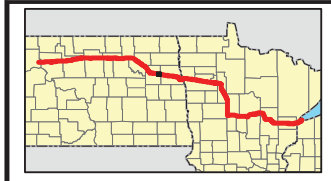
PROPOSED SANDPIPER PIPELINE PROJECT

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Proposed Pipeline - Sandpiper
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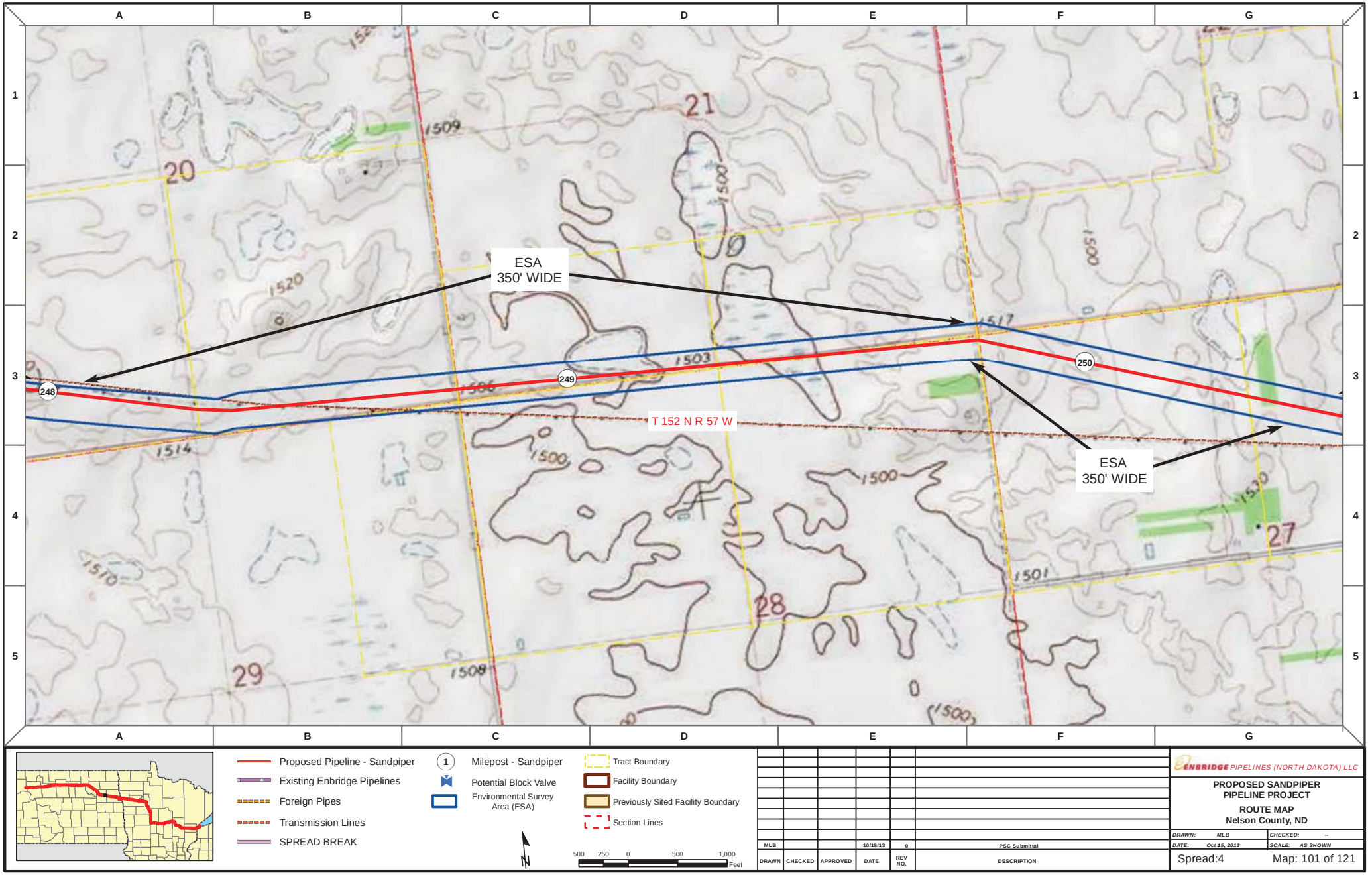
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

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Nelson County, ND

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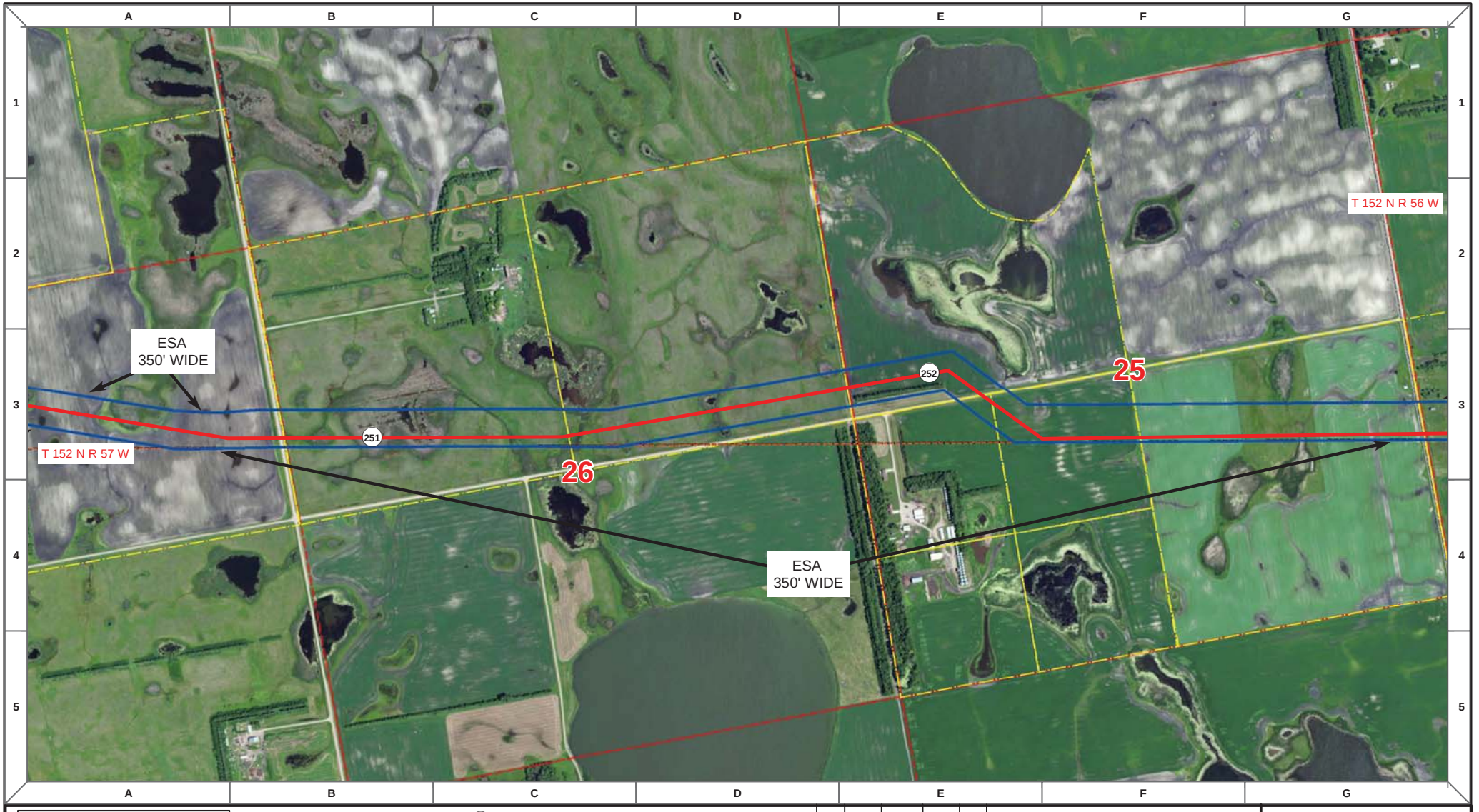
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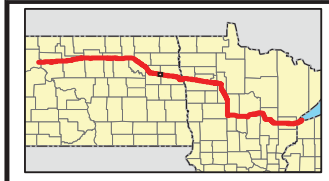
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Nelson County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
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Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
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Environmental Survey Area (ESA)

Tract Boundary
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500 250 0 500 1,000 Feet

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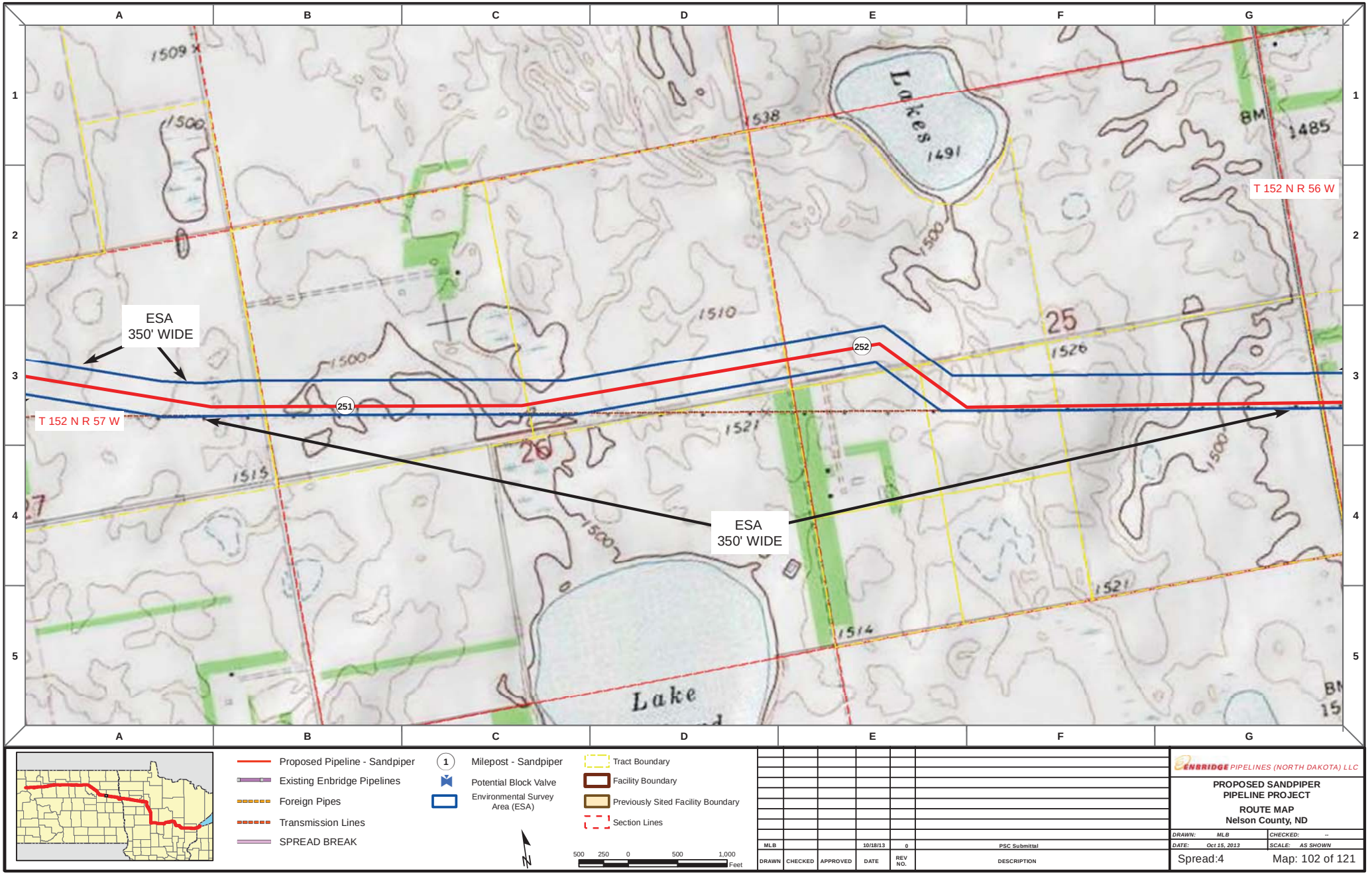
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Nelson County, ND

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DATE: Oct 15, 2013	SCALE: AS SHOWN

Spread:4 Map: 102 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

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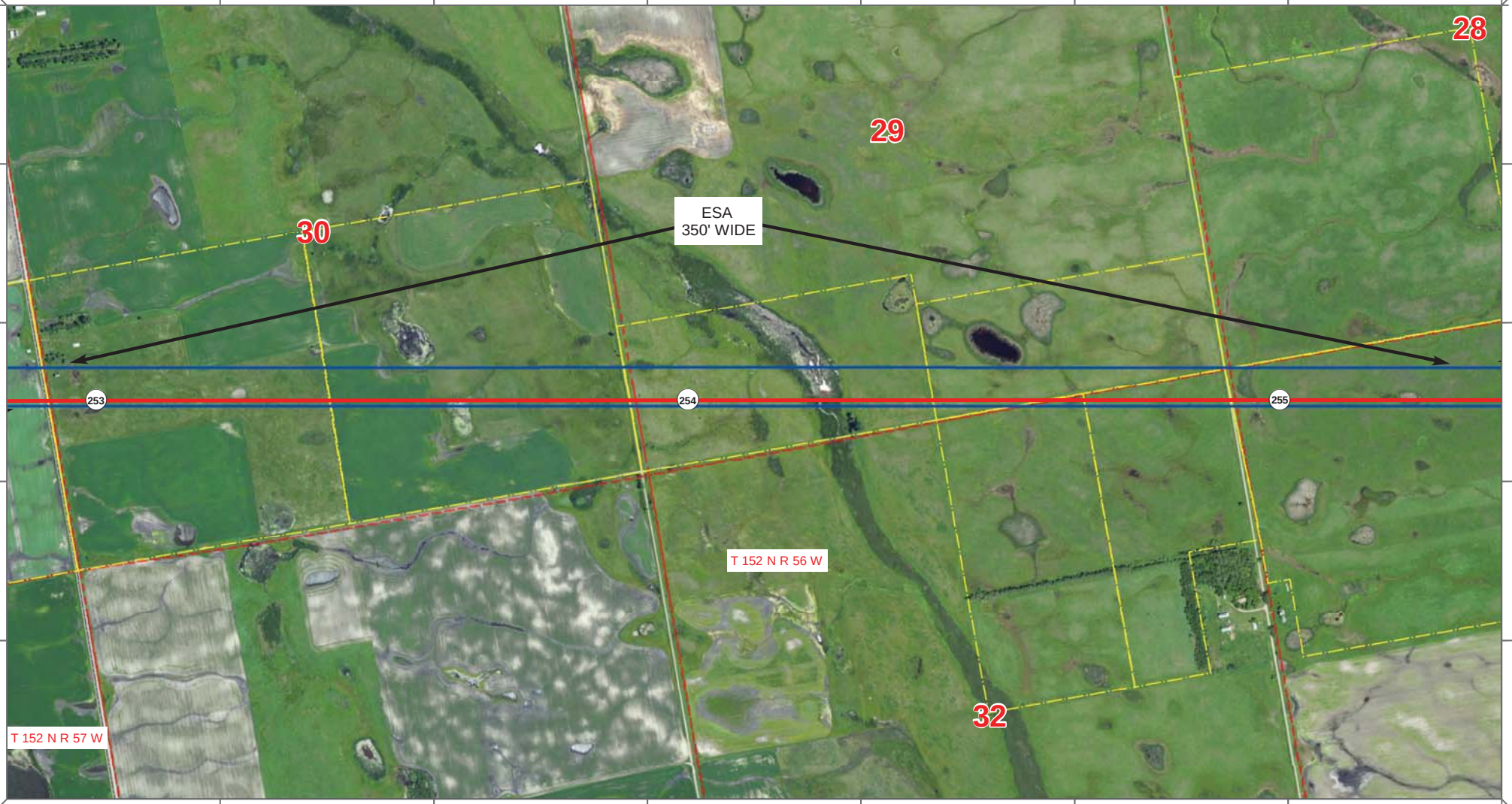
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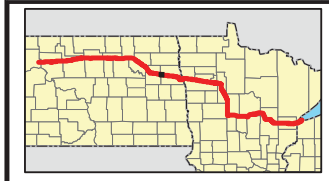
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Nelson County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
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Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
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Tract Boundary
Facility Boundary
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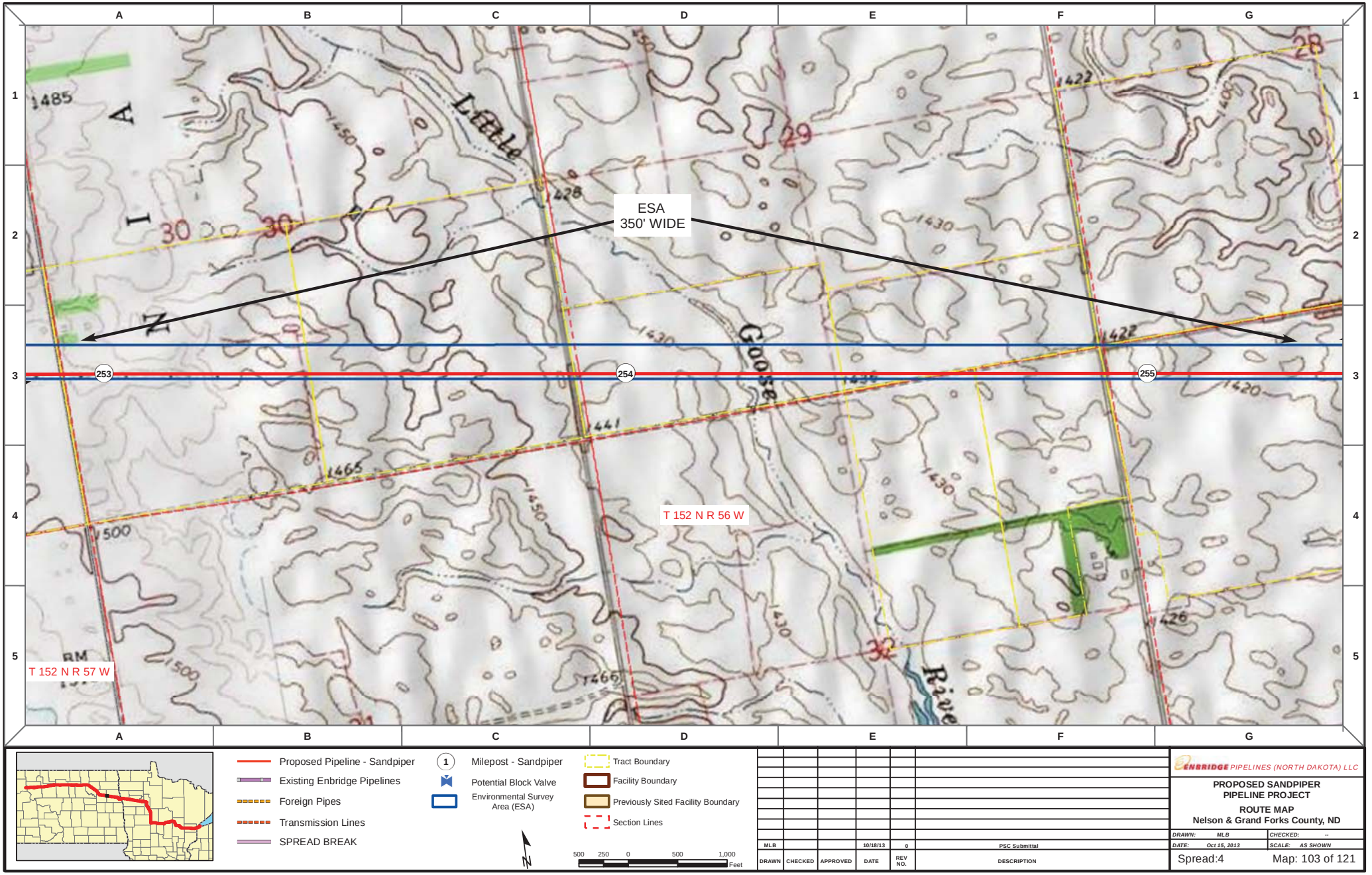
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP

Nelson & Grand Forks County, ND

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DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:4 Map: 103 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
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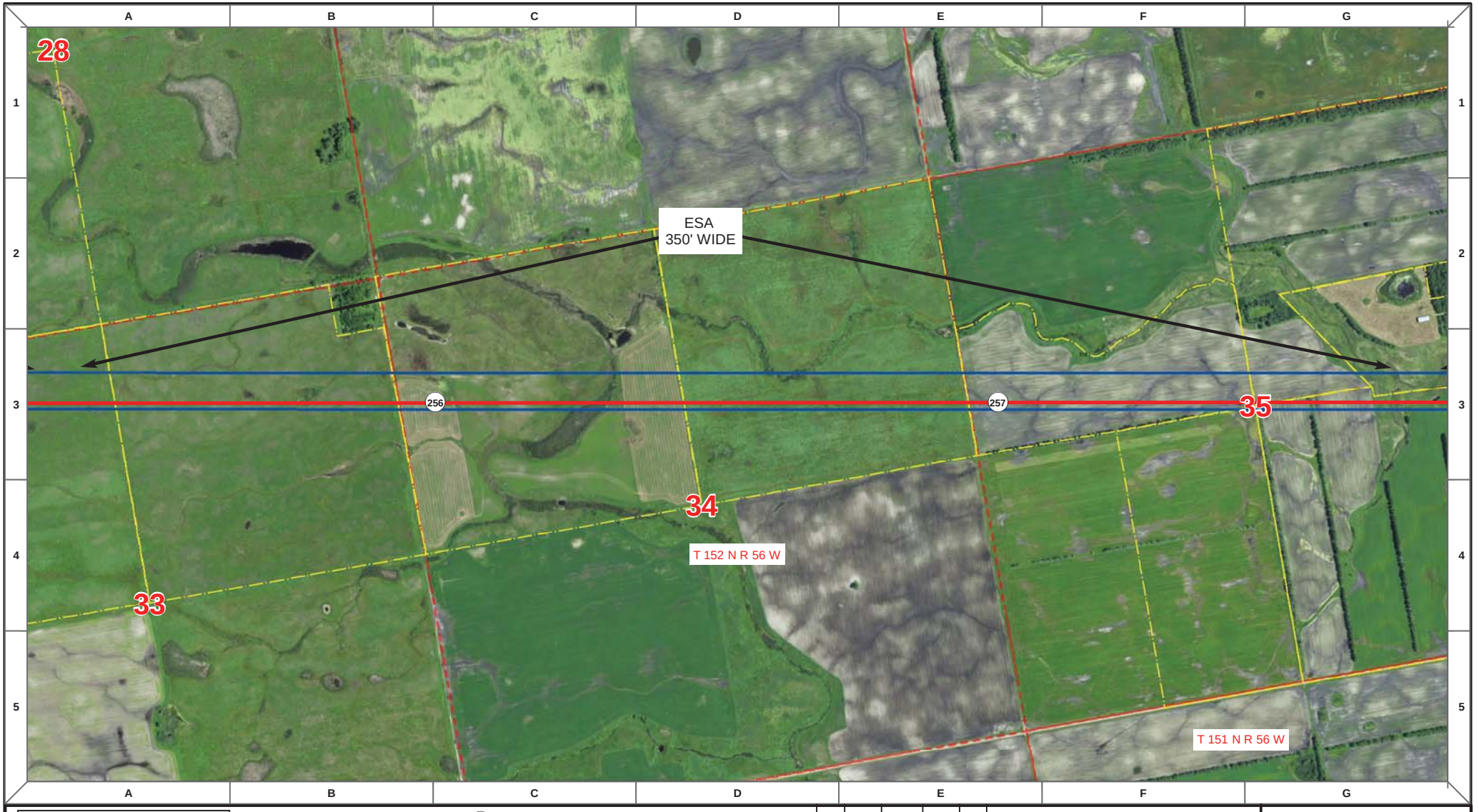
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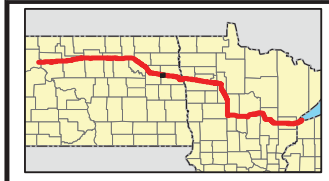
ROUTE MAP

Nelson & Grand Forks County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
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Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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Section Lines

N

500 250 0 500 1,000
Feet

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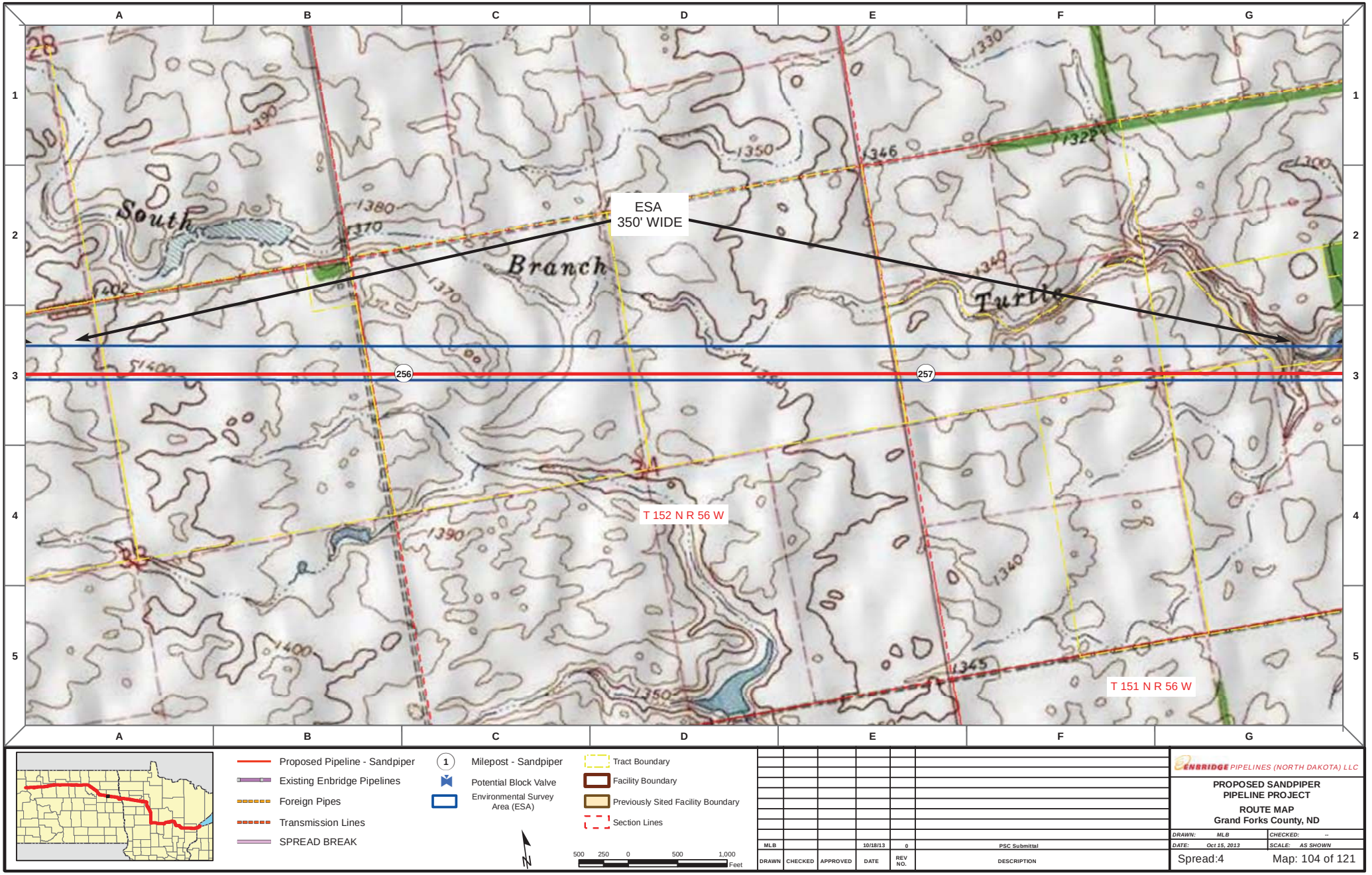
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

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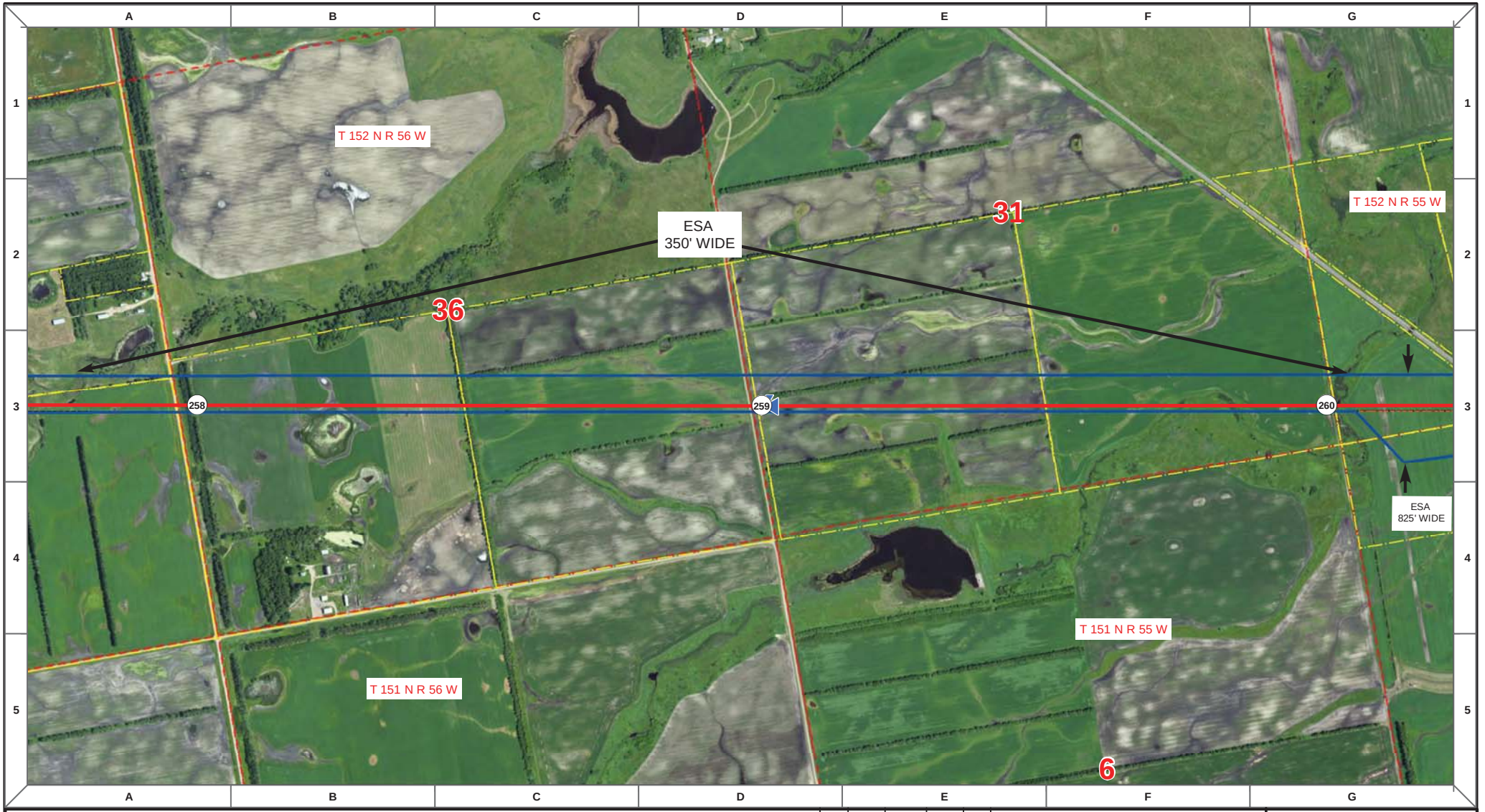
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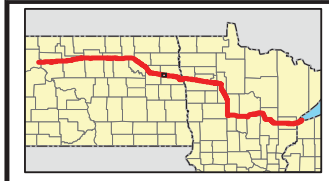
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Grand Forks County, ND

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Proposed Pipeline - Sandpiper
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SPREAD BREAK

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Facility Boundary
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500 250 0 500 1,000
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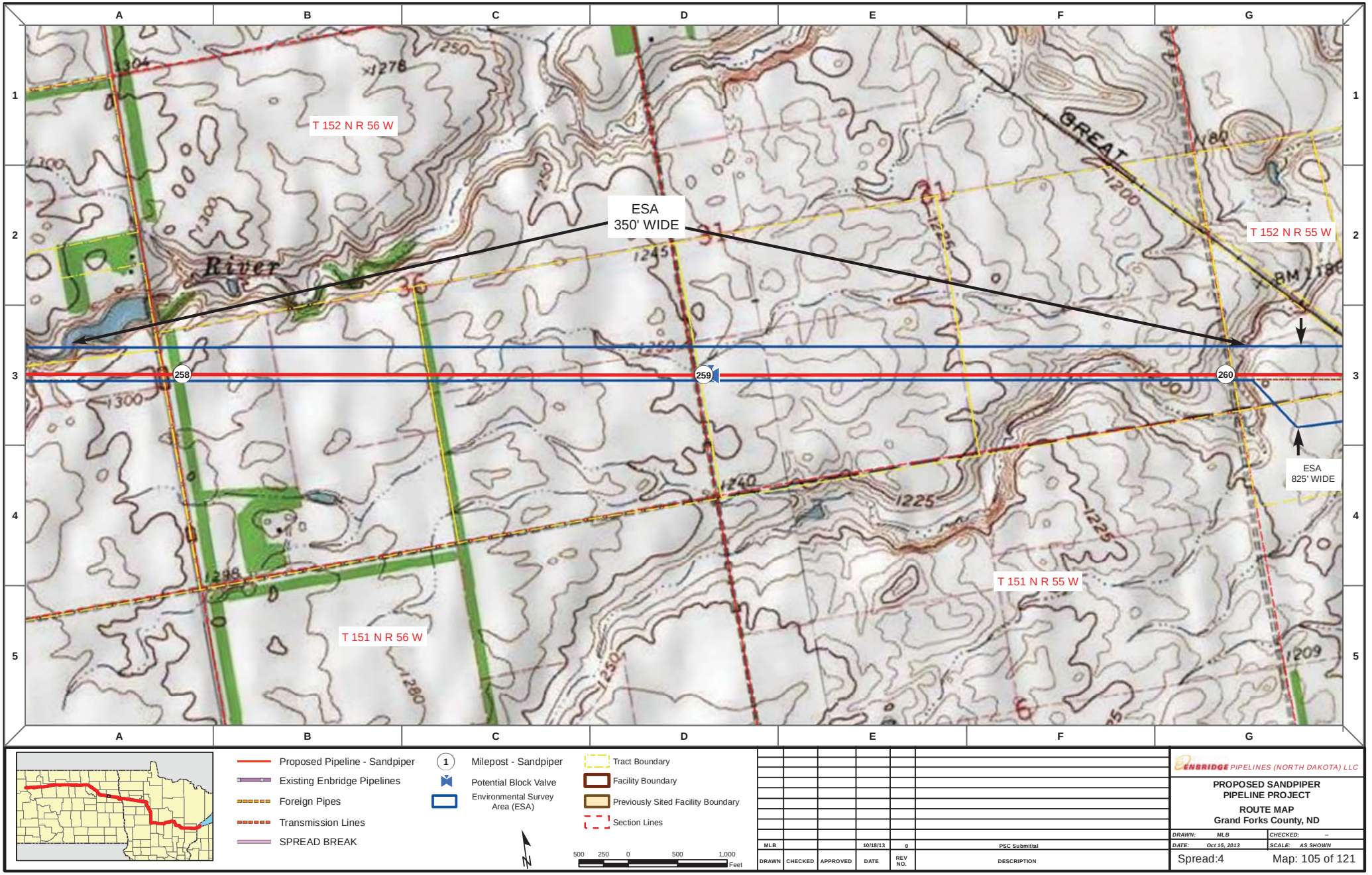
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PROPOSED SANDPIPER PIPELINE PROJECT

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Grand Forks County, ND

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Proposed Pipeline - Sandpiper
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Transmission Lines
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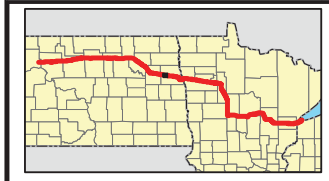
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Grand Forks County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
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1 Milepost - Sandpiper
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Tract Boundary
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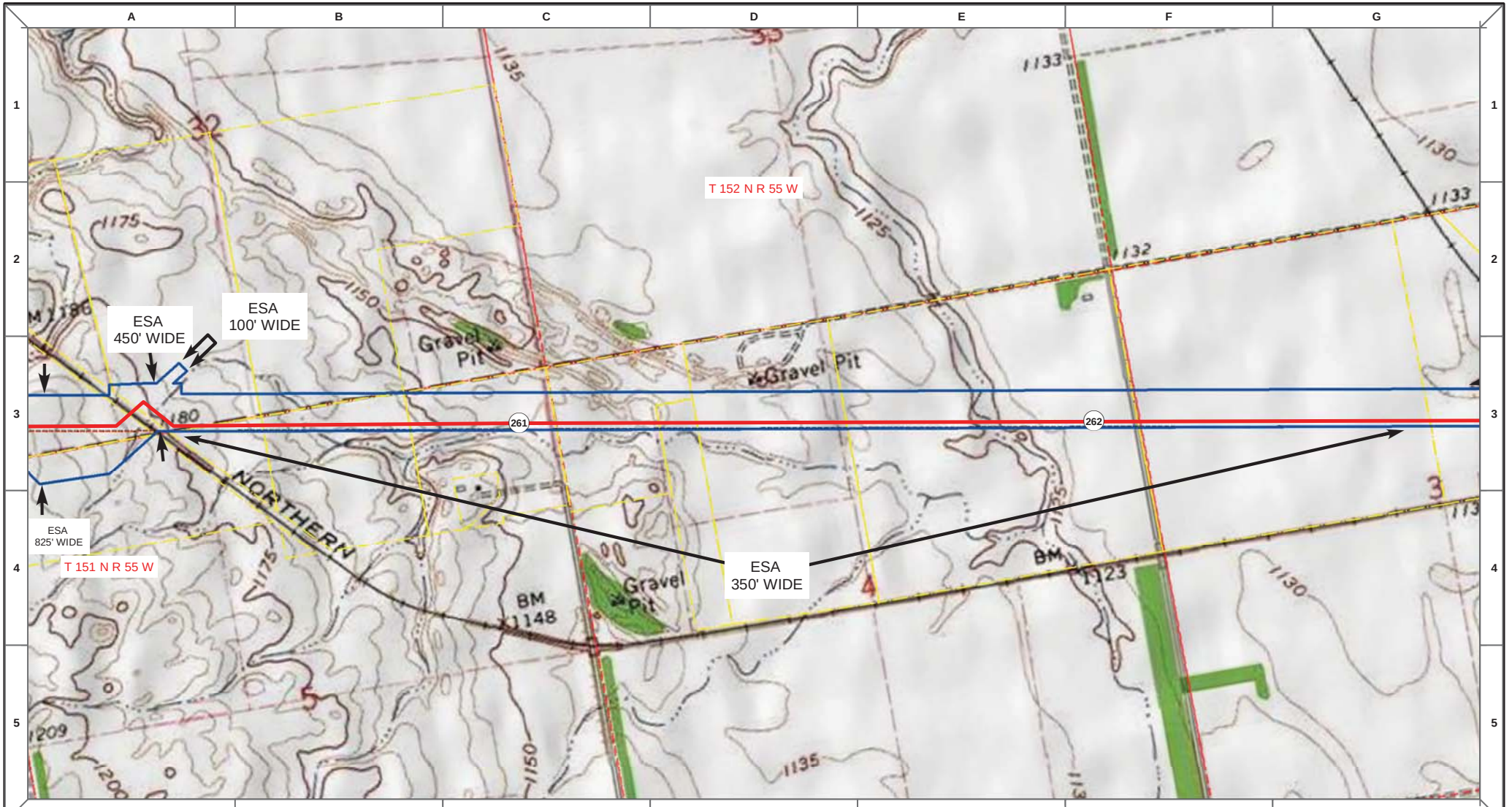
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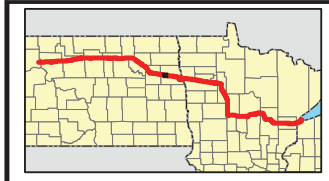
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Proposed Pipeline - Sandpiper
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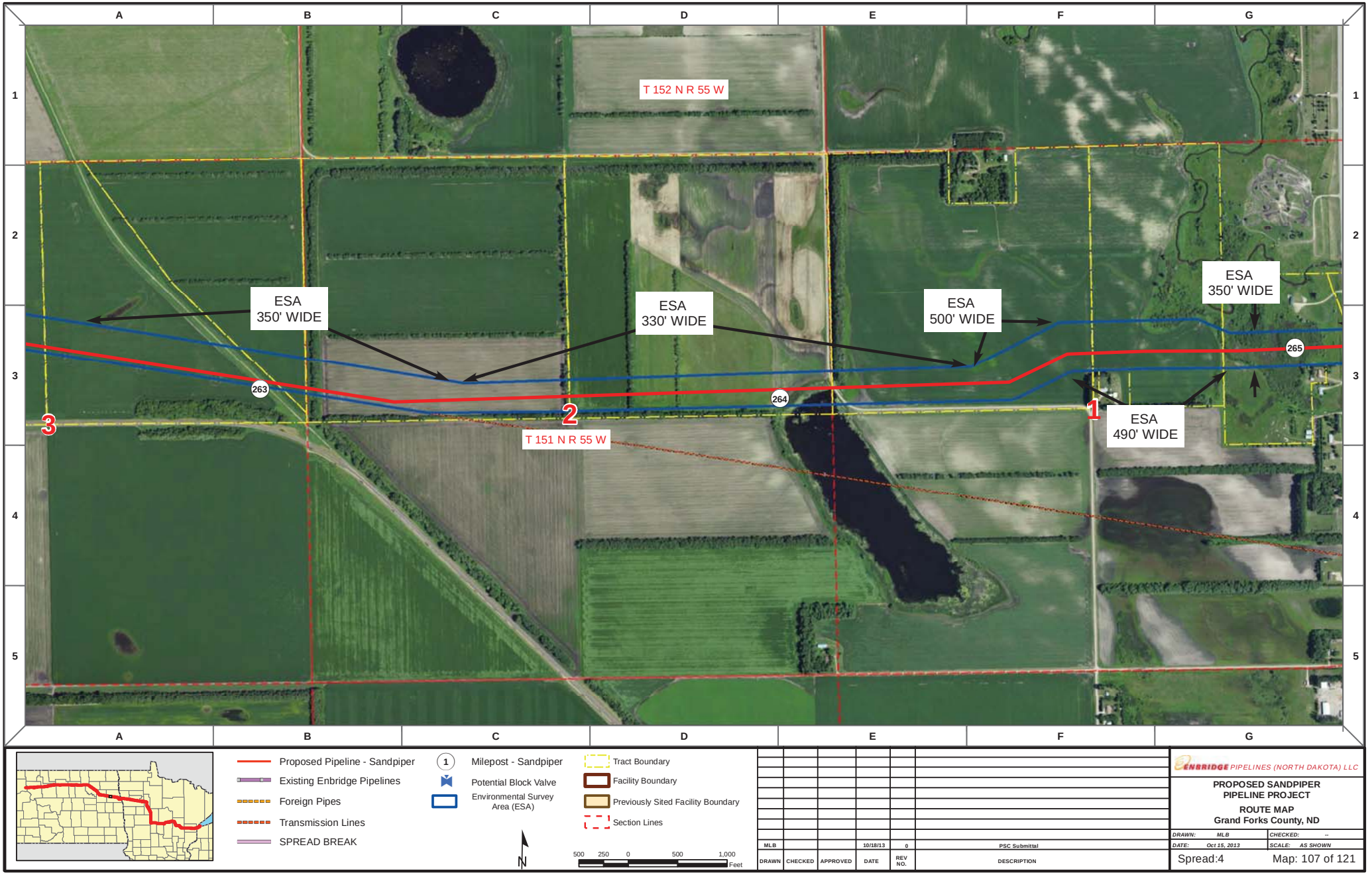
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Proposed Pipeline - Sandpiper
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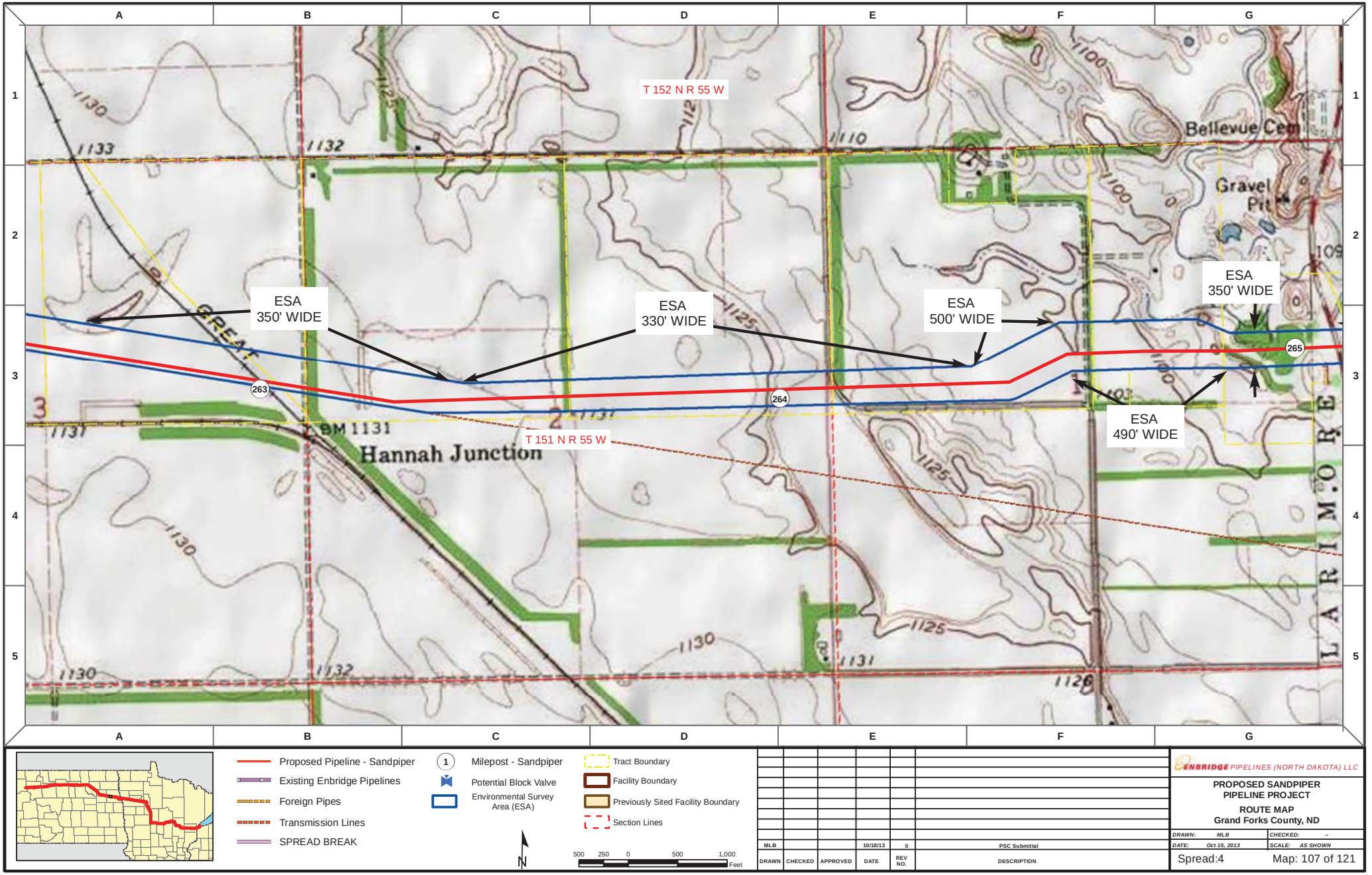
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PROPOSED SANDPIPER PIPELINE PROJECT

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ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

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Proposed Pipeline - Sandpiper
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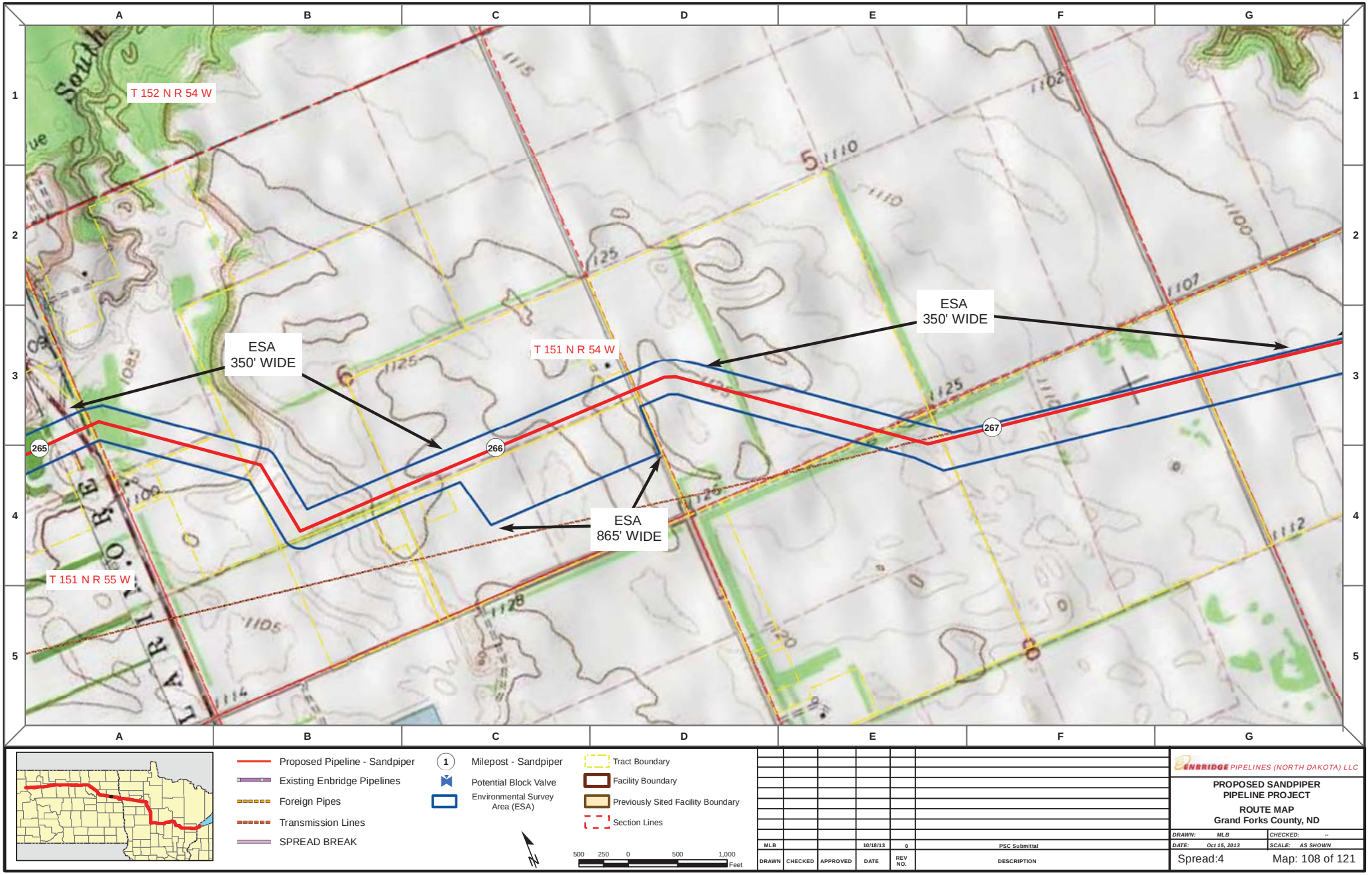
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

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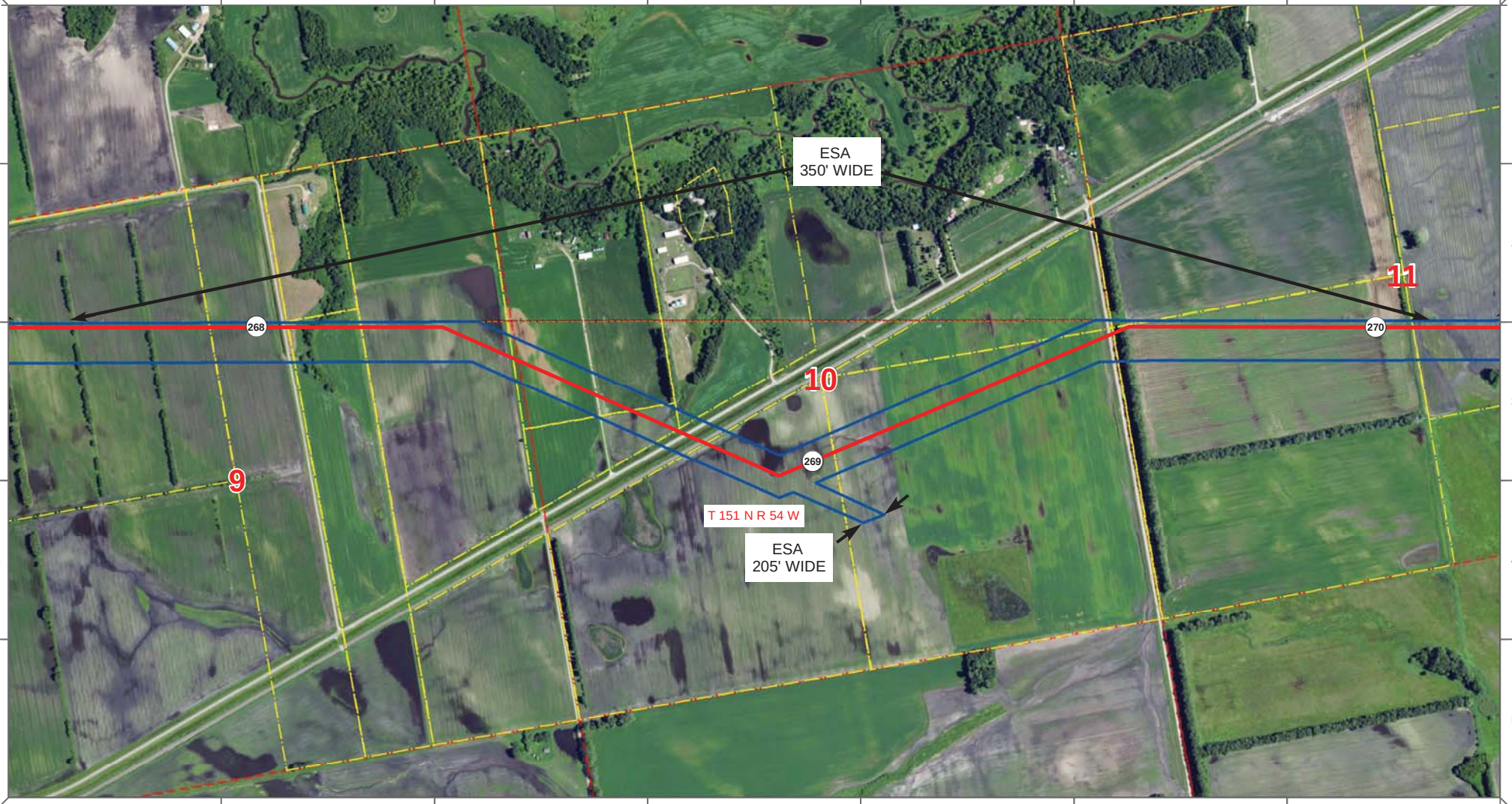
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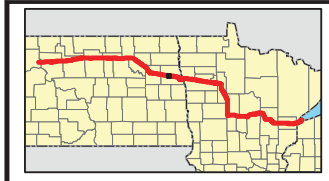
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

DRAWN: MLB | CHECKED: --
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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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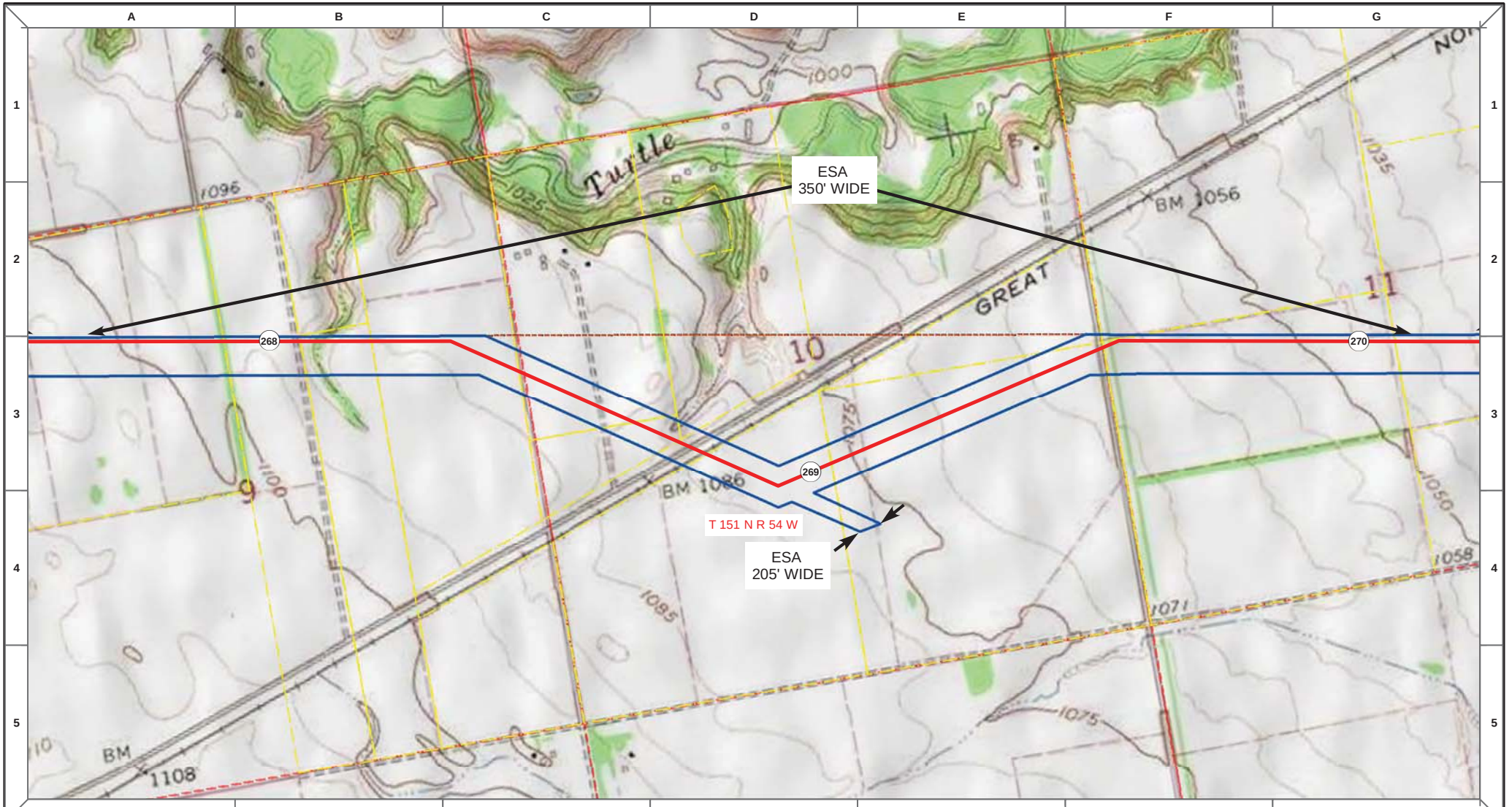
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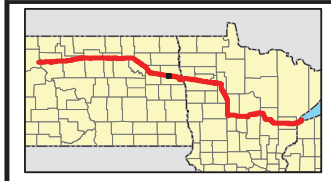
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
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Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
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Tract Boundary
Facility Boundary
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Section Lines

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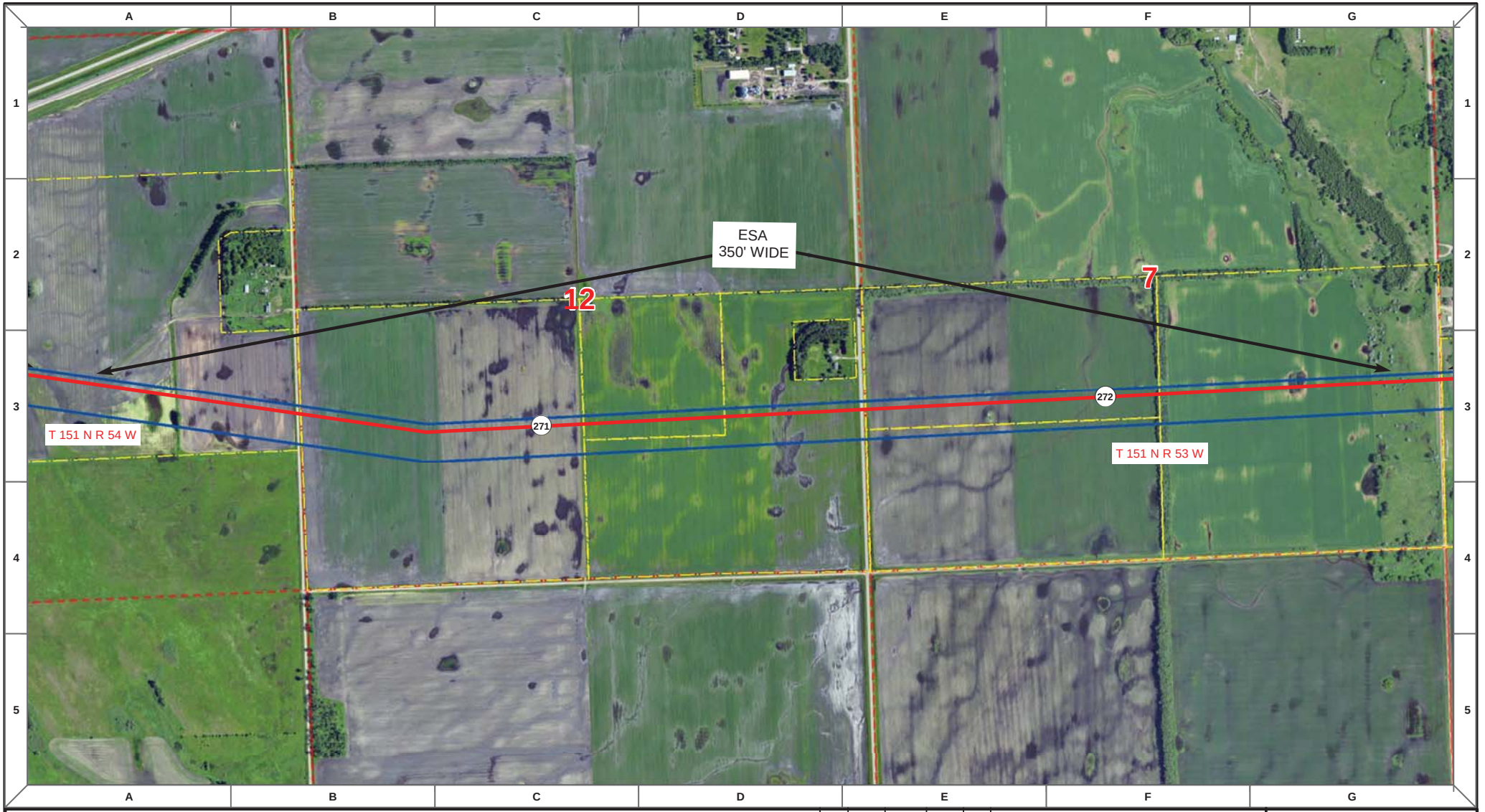
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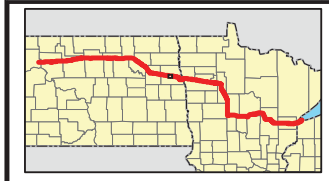
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
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Transmission Lines
SPREAD BREAK

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500 250 0 500 1,000 Feet

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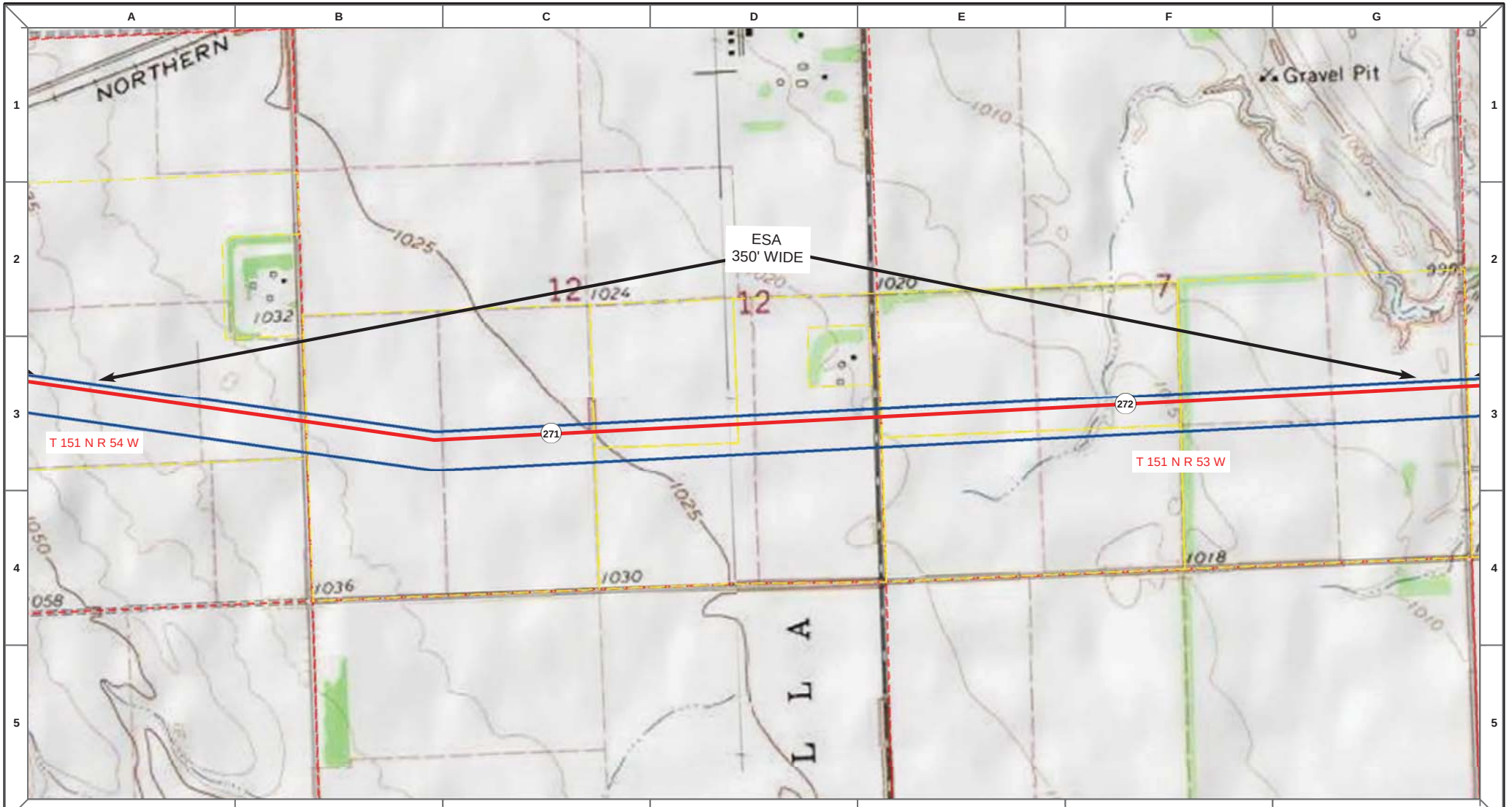
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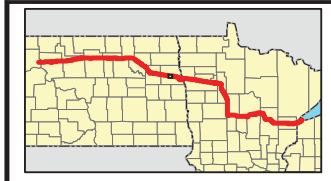
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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Section Lines

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500 250 0 500 1,000 Feet

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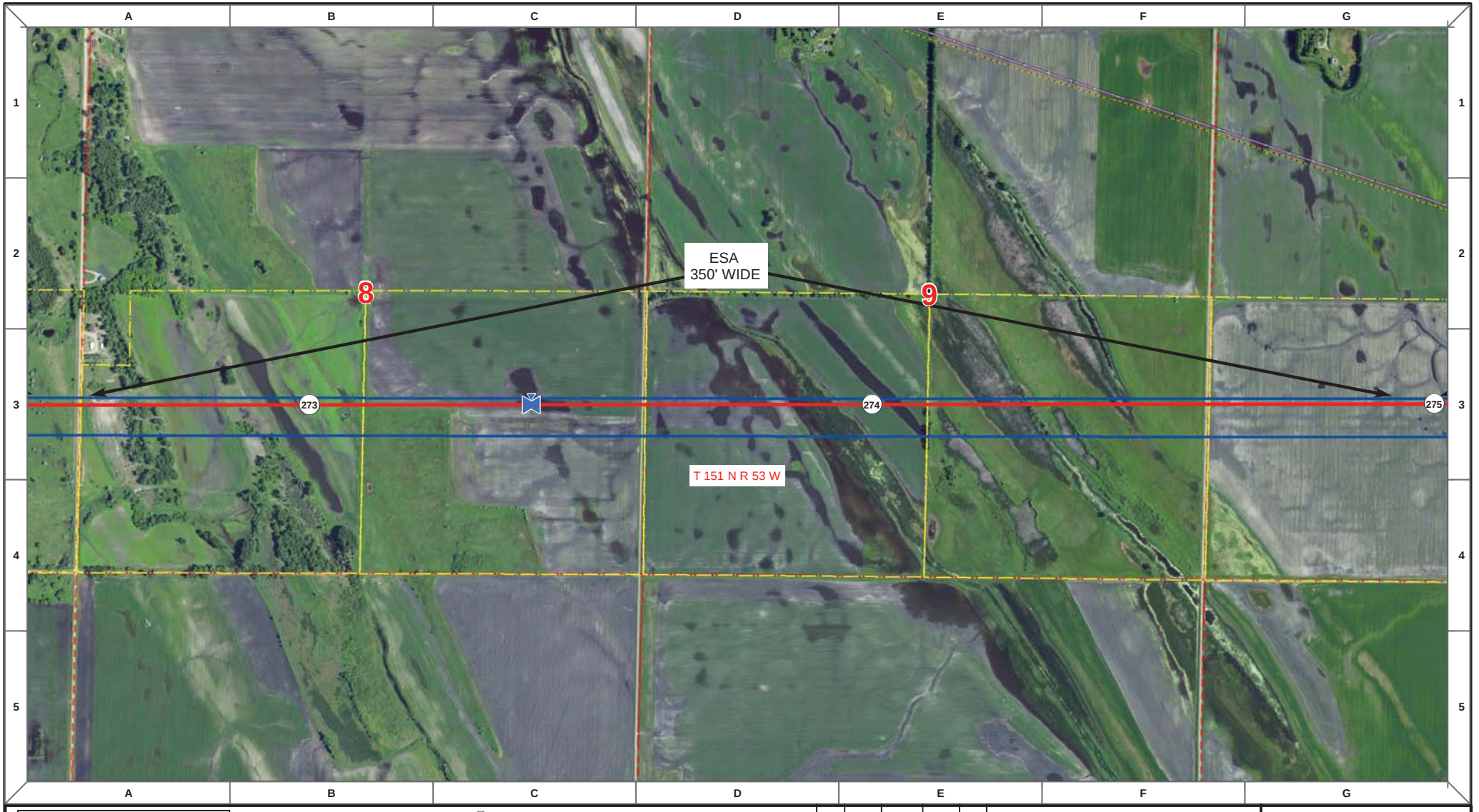
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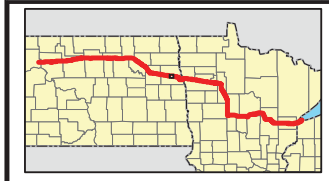
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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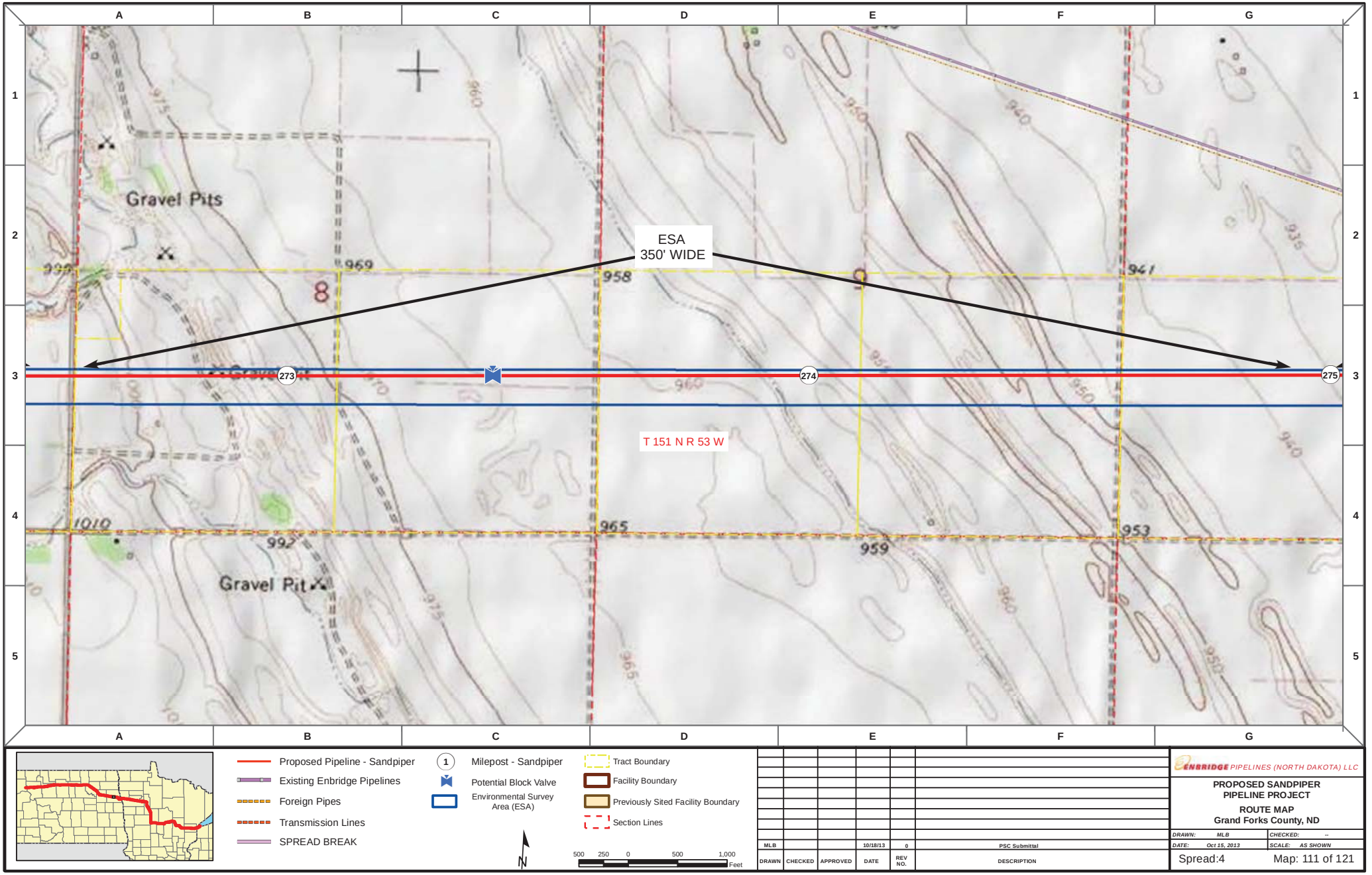
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
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Tract Boundary
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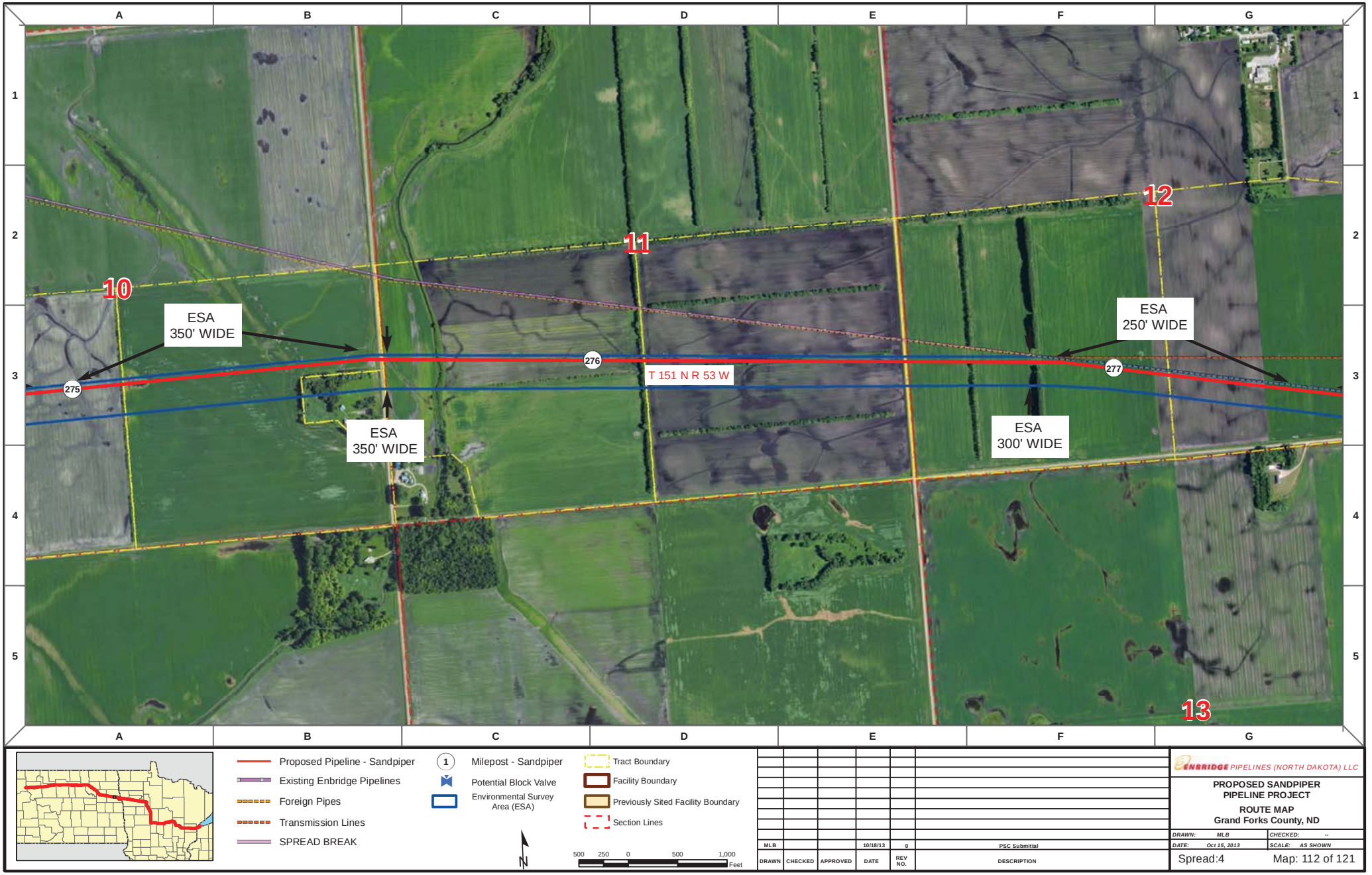
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

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DATE: Oct 15, 2013 SCALE: AS SHOWN

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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Section Lines

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500 250 0 500 1,000 Feet

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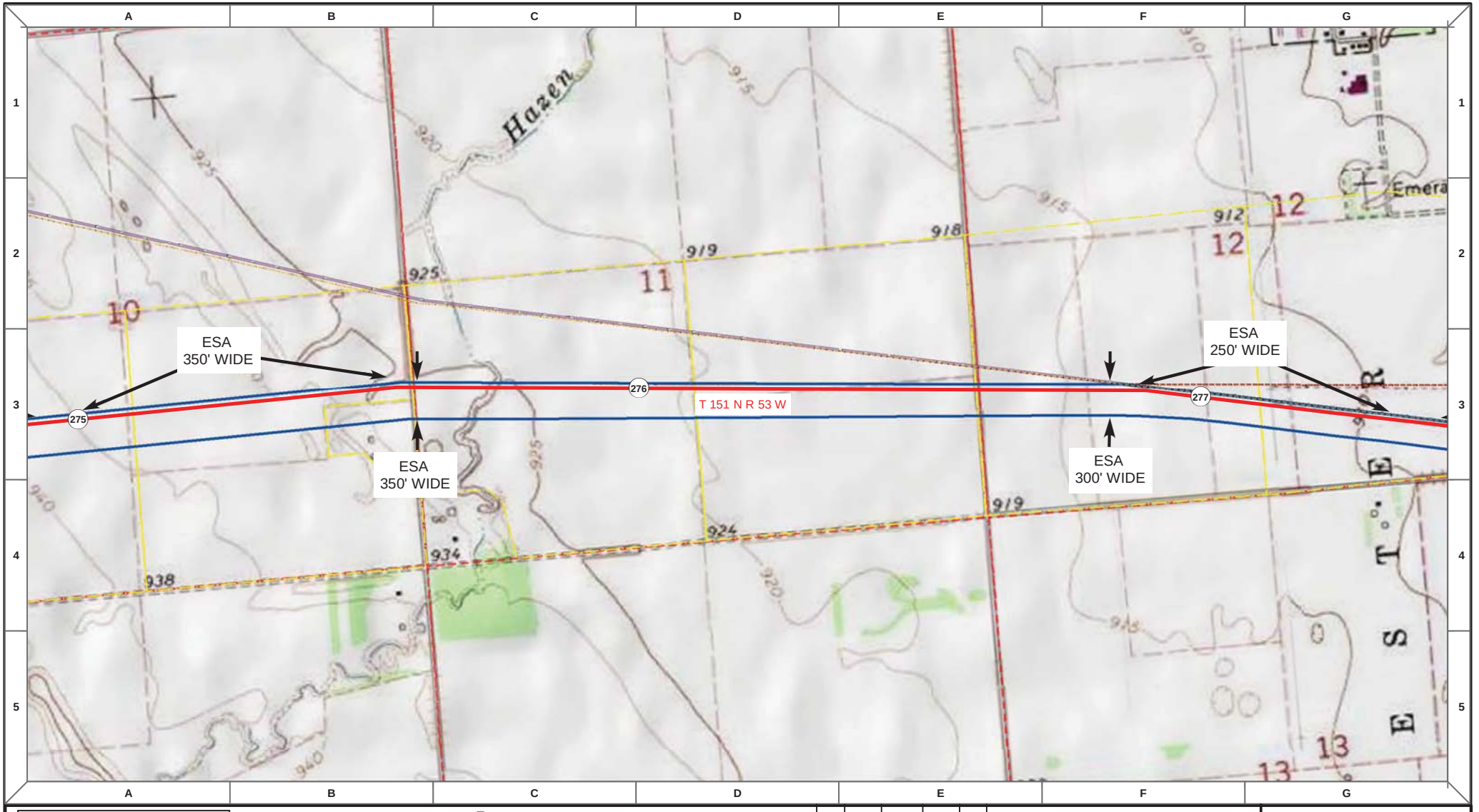
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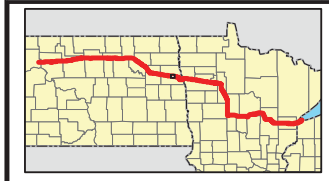
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

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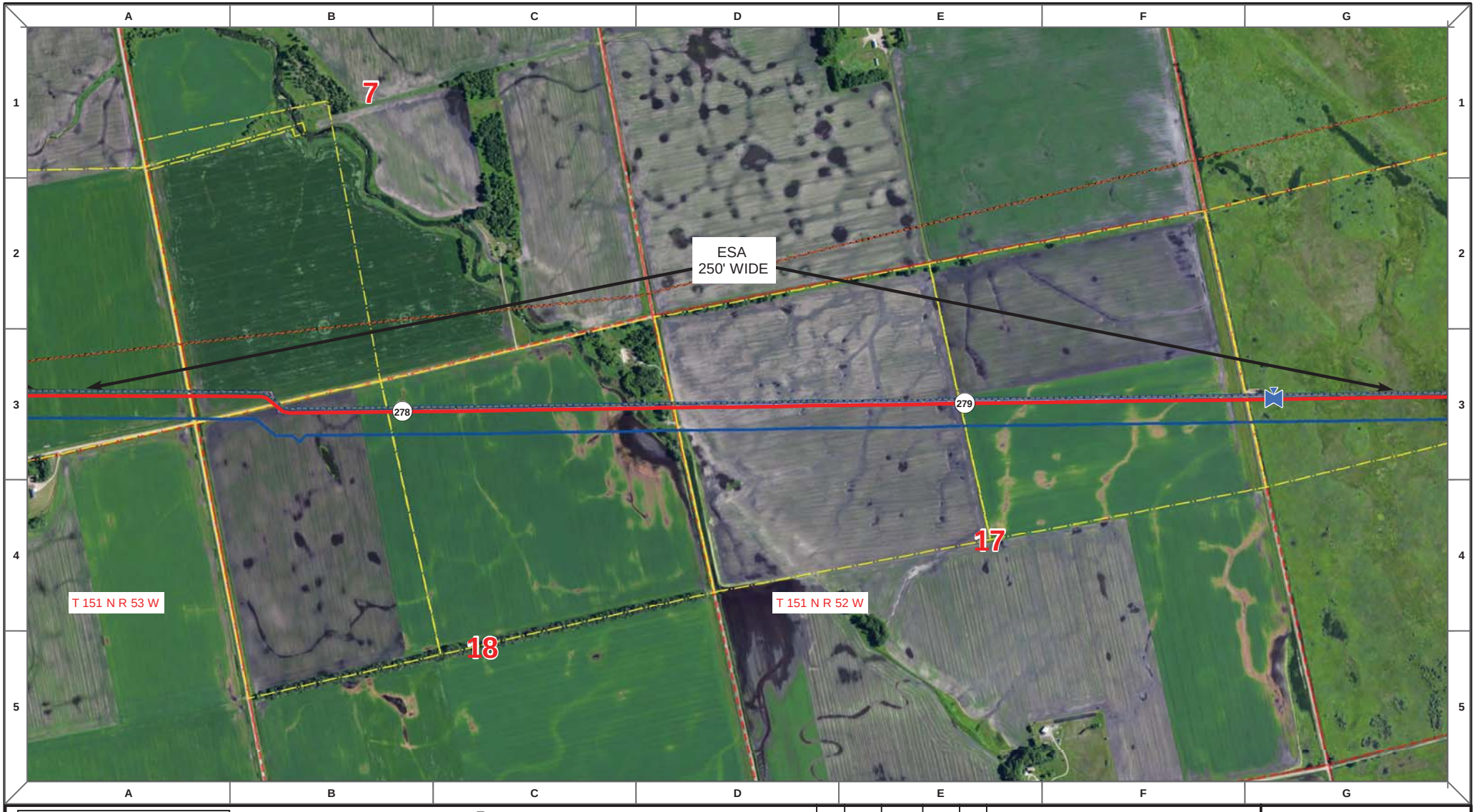
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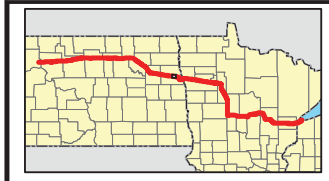
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

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Spread:4 Map: 112 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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Section Lines

N

500 250 0 500 1,000 Feet

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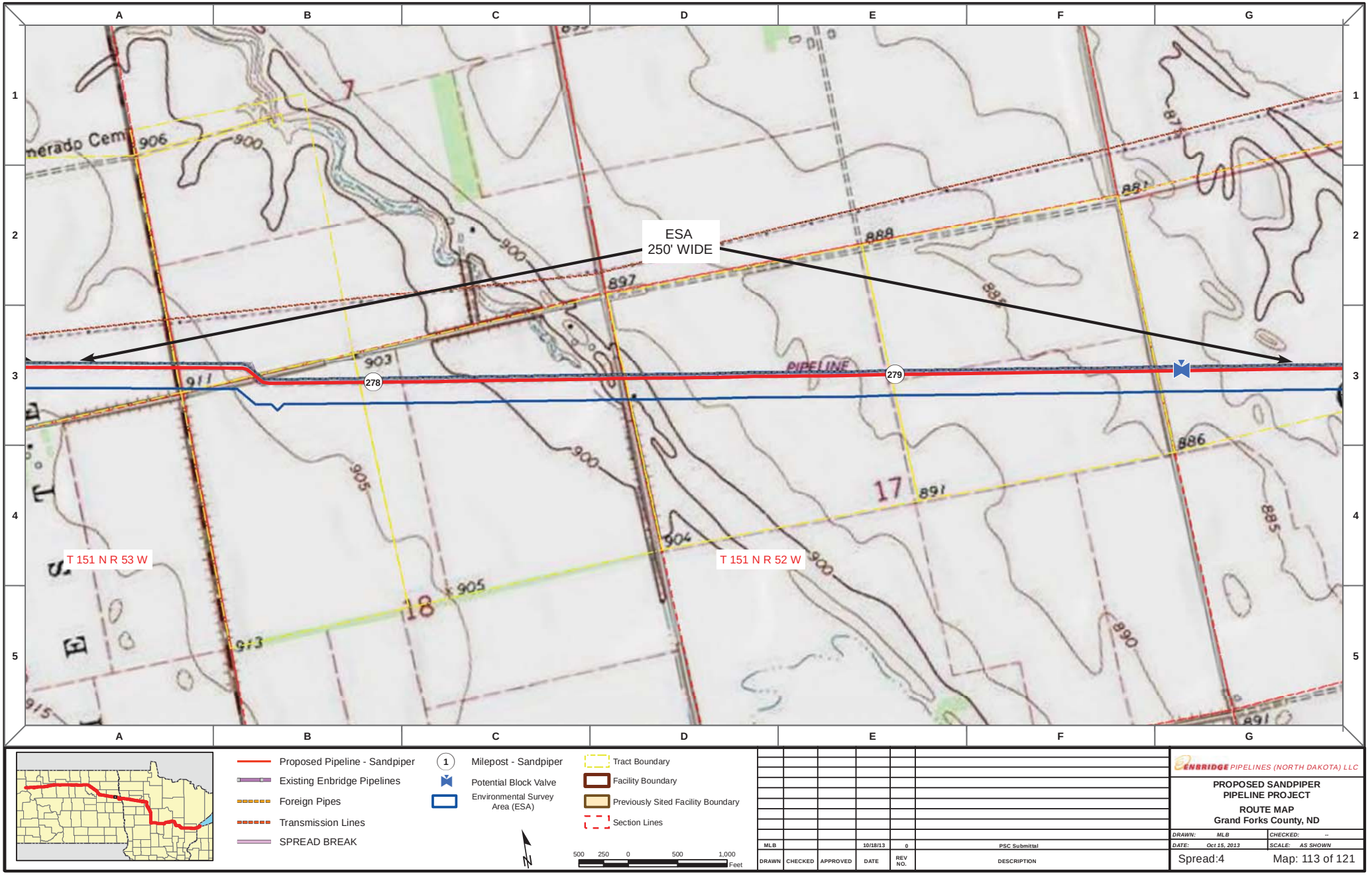
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

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Proposed Pipeline - Sandpiper
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SPREAD BREAK

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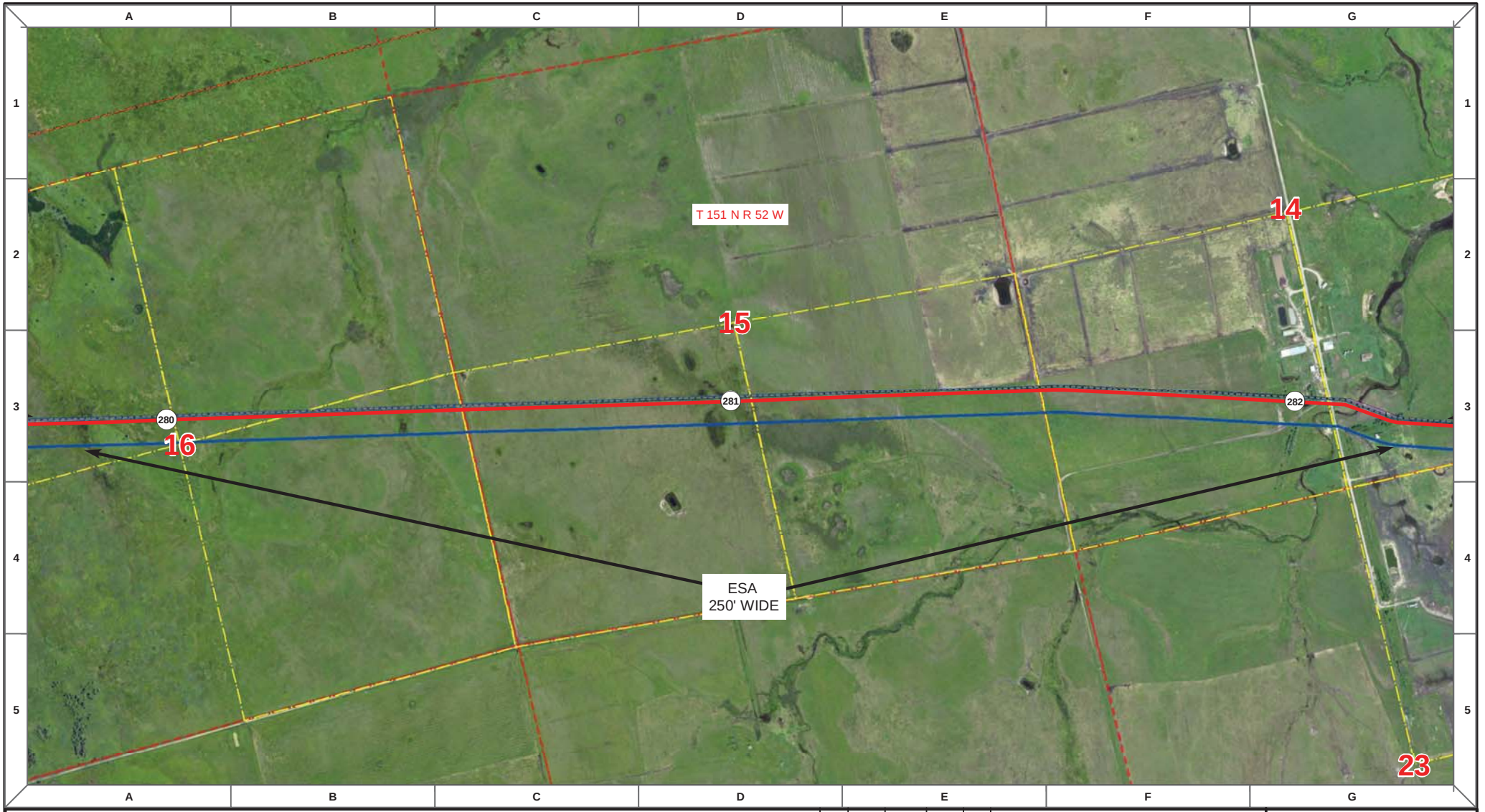
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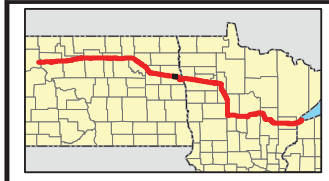
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ROUTE MAP
Grand Forks County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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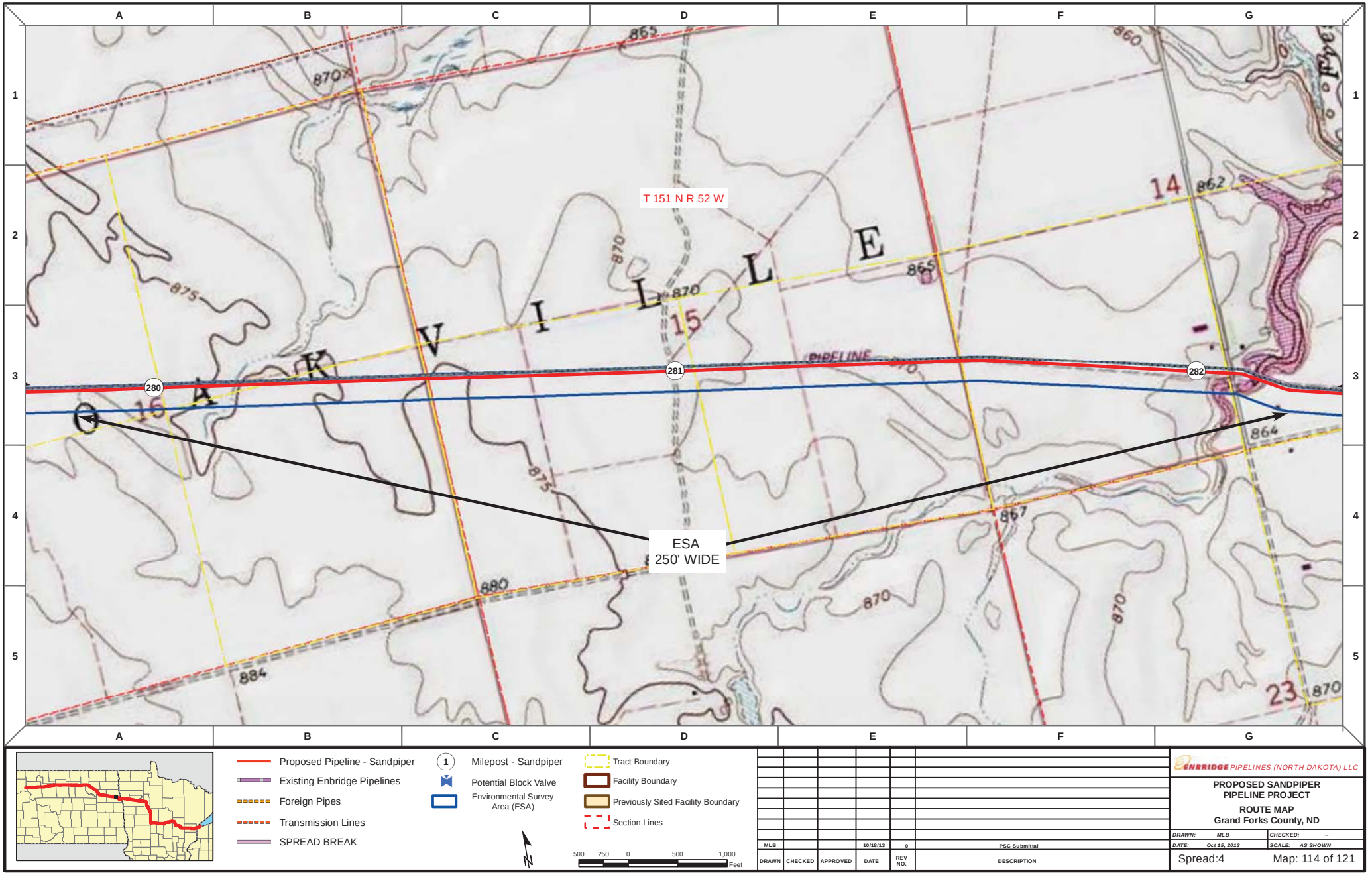
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PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

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Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
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Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
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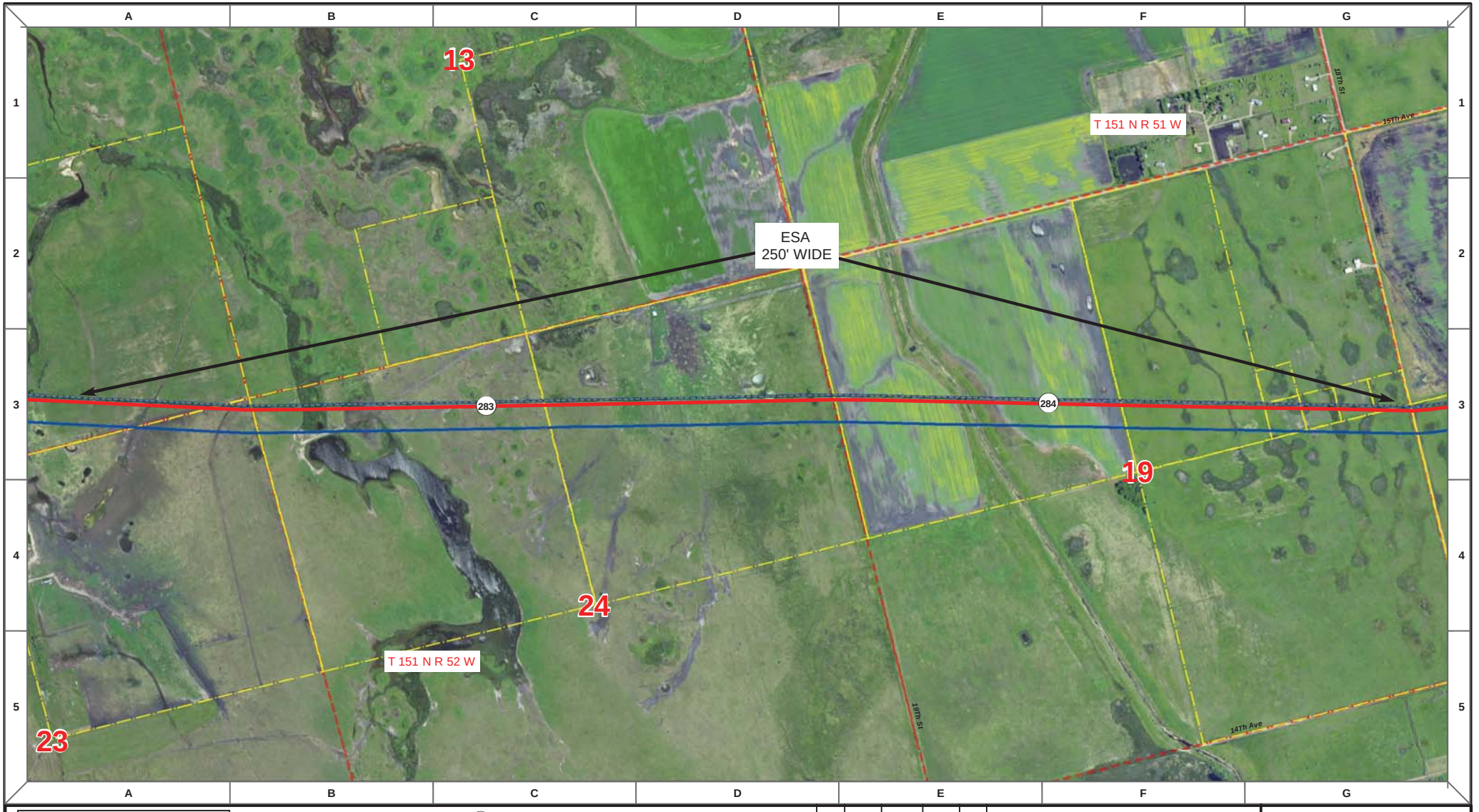
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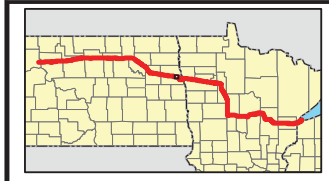
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Proposed Pipeline - Sandpiper
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Transmission Lines
SPREAD BREAK

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Environmental Survey Area (ESA)

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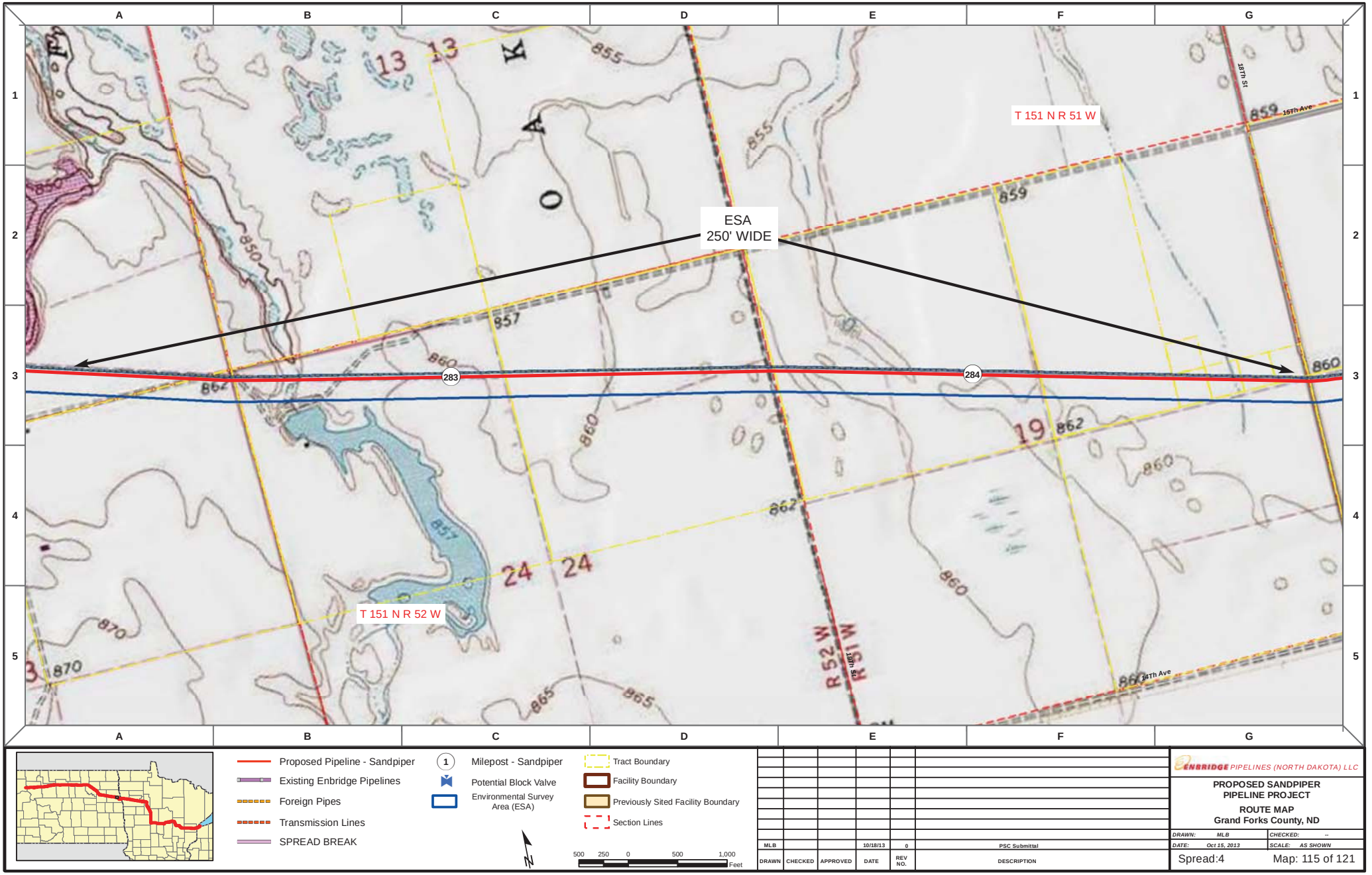
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Proposed Pipeline - Sandpiper
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Transmission Lines
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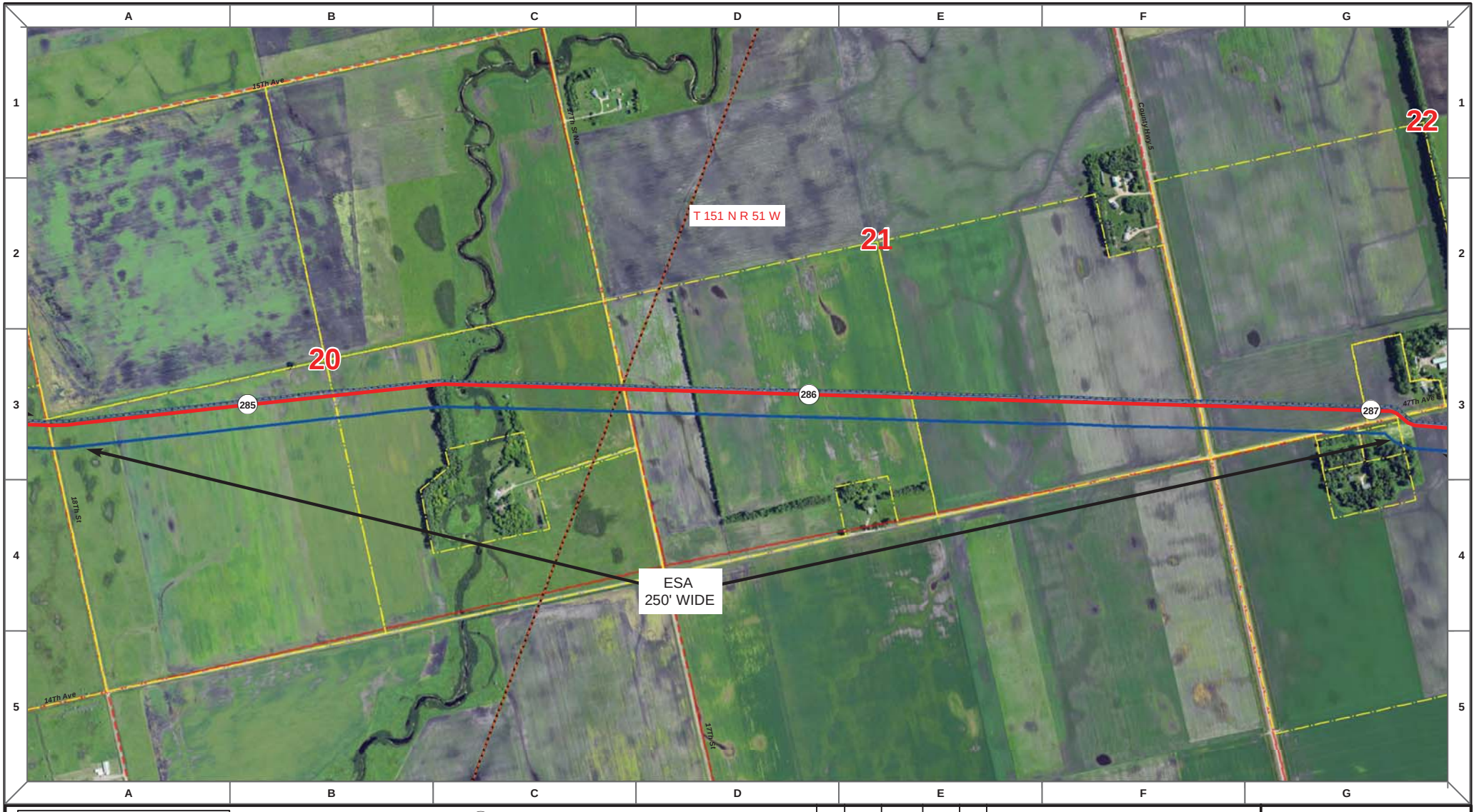
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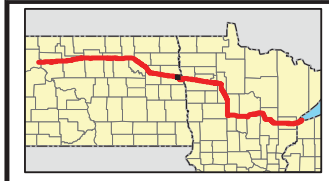
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Proposed Pipeline - Sandpiper
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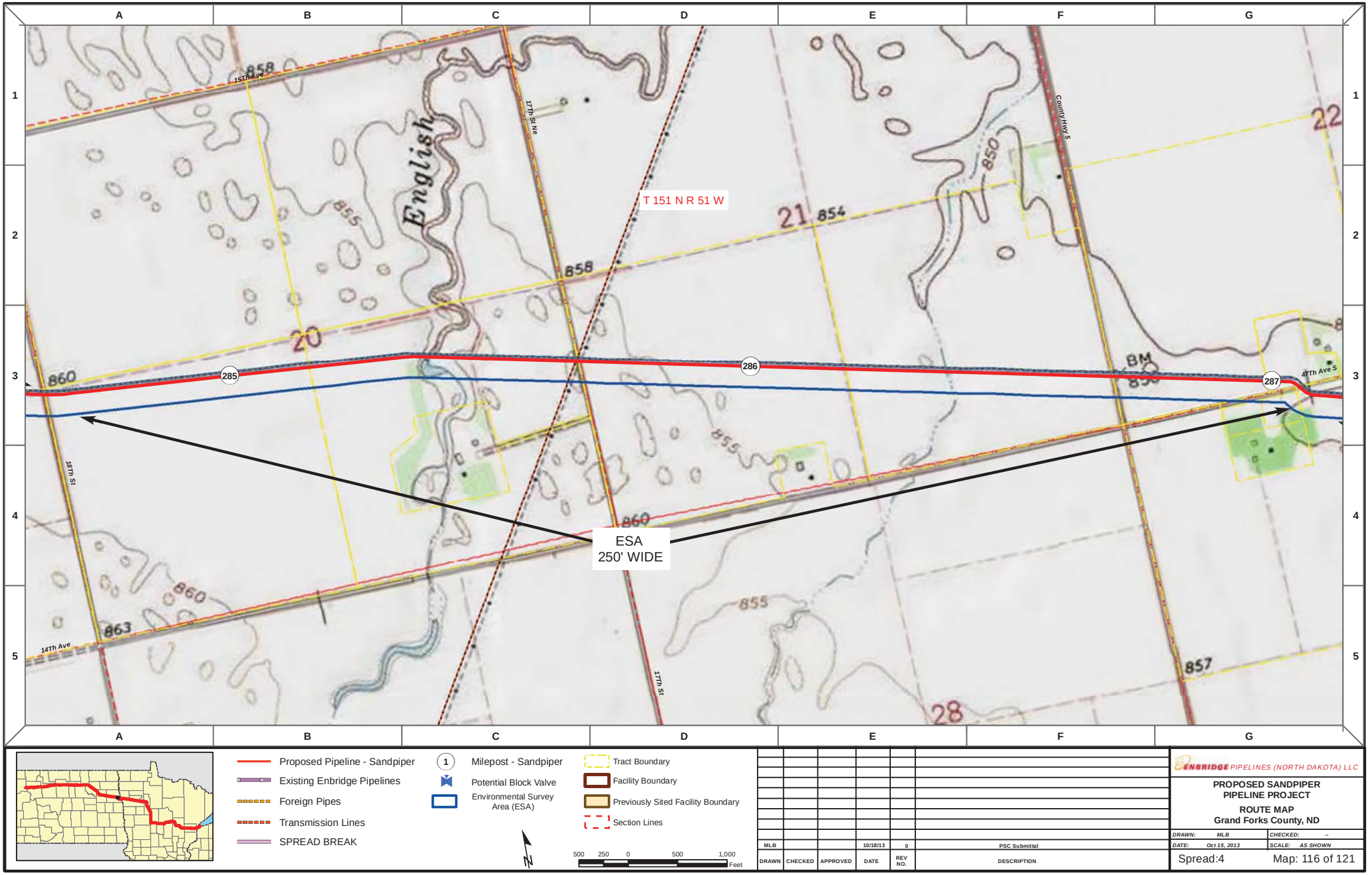
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PROPOSED SANDPIPER PIPELINE PROJECT

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Proposed Pipeline - Sandpiper
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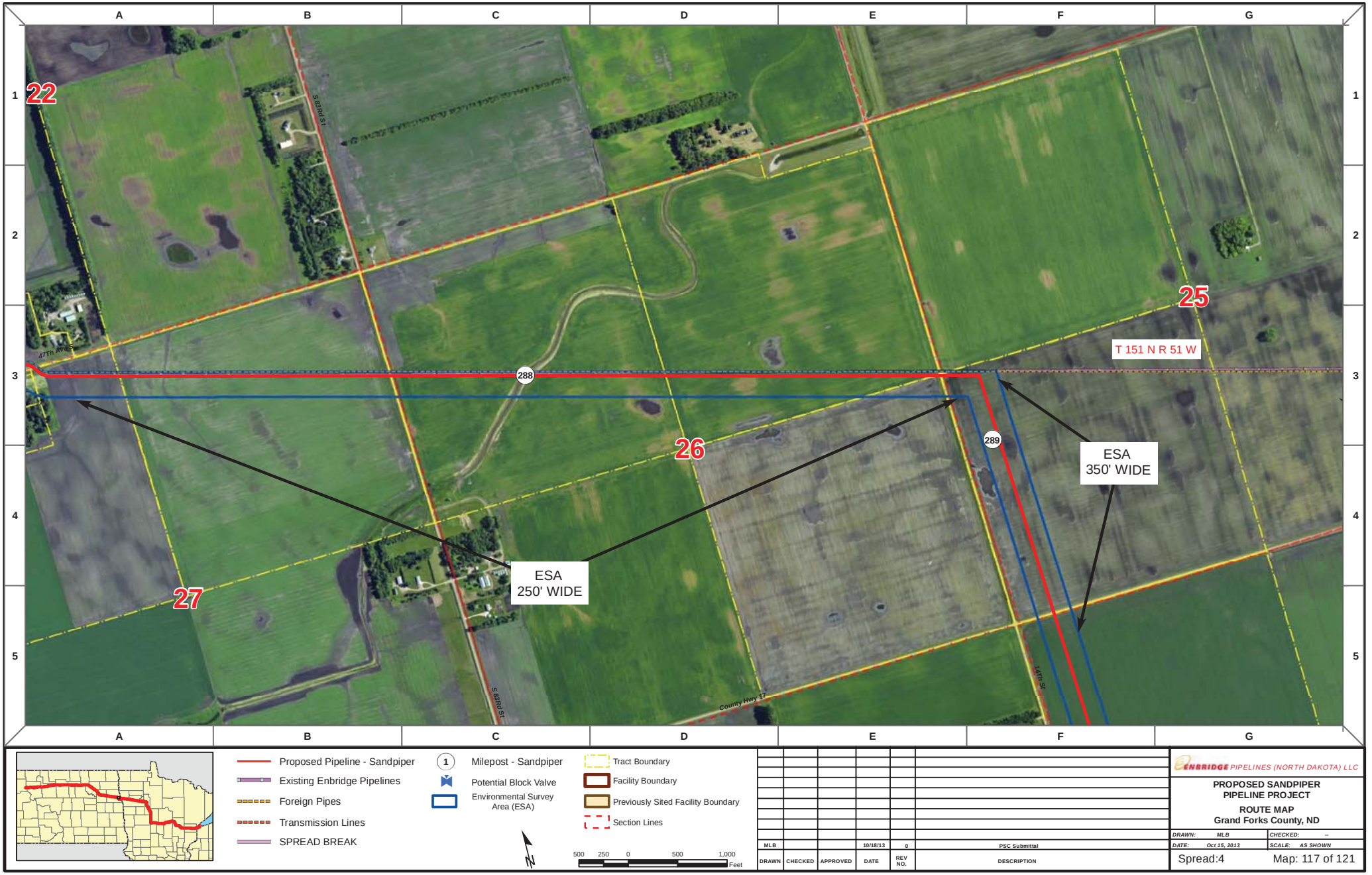
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PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

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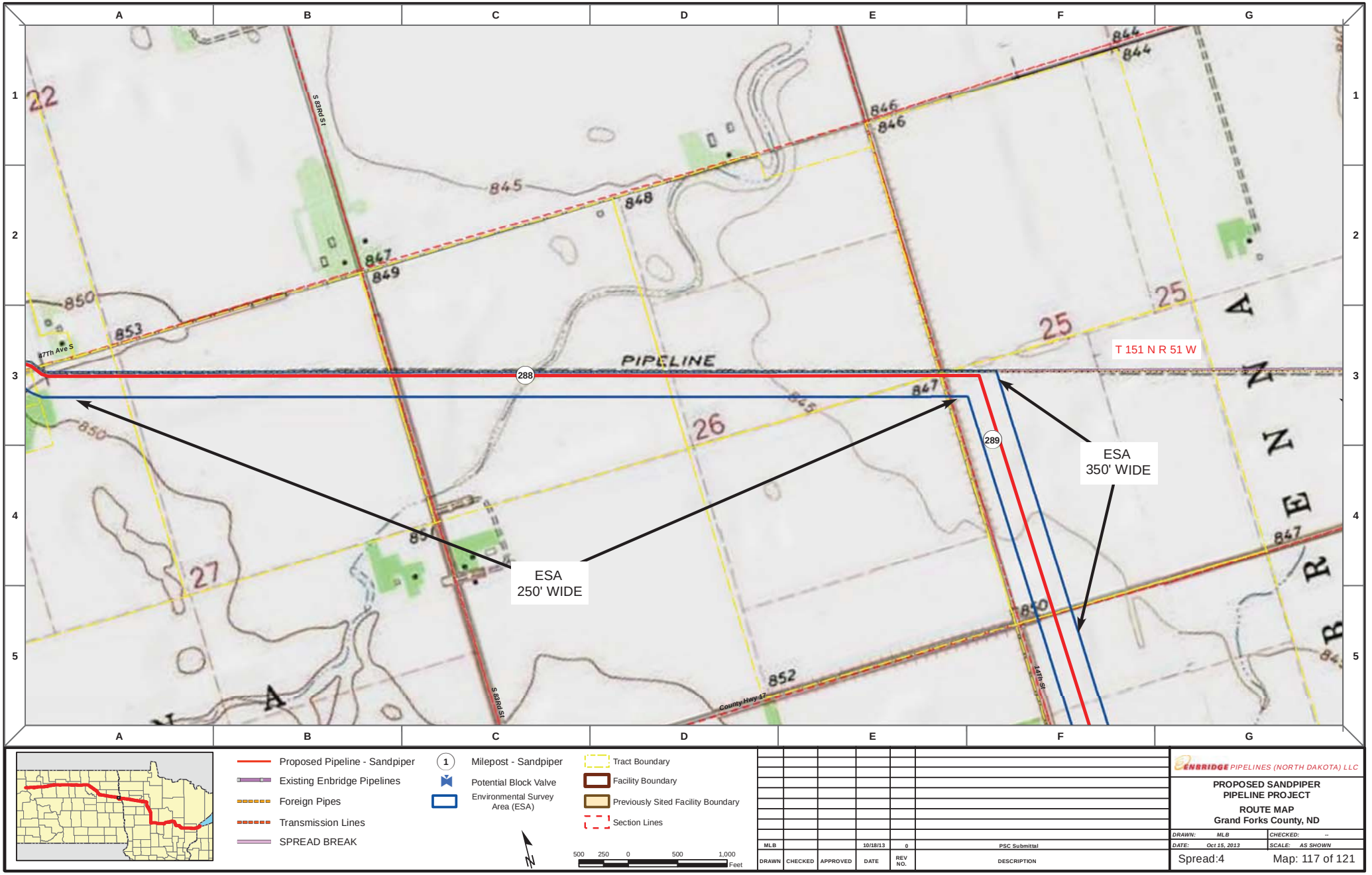
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PROPOSED SANDPIPER PIPELINE PROJECT

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Grand Forks County, ND

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ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

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A
B
C
D
E
F
G
1
2
3
4
5
36
35
1
12
292
291
290
ESA
350' WIDE
T 151 N R 51 W
T 150 N R 51 W
County Hwy 6
127th Ave Ne
117th Ave
Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
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Environmental Survey Area (ESA)
Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines
500 250 0 500 1,000
Feet
MLB
10/18/13
0
PSC Submittal
DRAWN
CHECKED
APPROVED
DATE
REV NO.
DESCRIPTION
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC
PROPOSED SANDPIPER PIPELINE PROJECT
ROUTE MAP
Grand Forks County, ND
DRAWN: MLB
CHECKED: --
DATE: Oct 15, 2013
SCALE: AS SHOWN
Spread:4
Map: 118 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

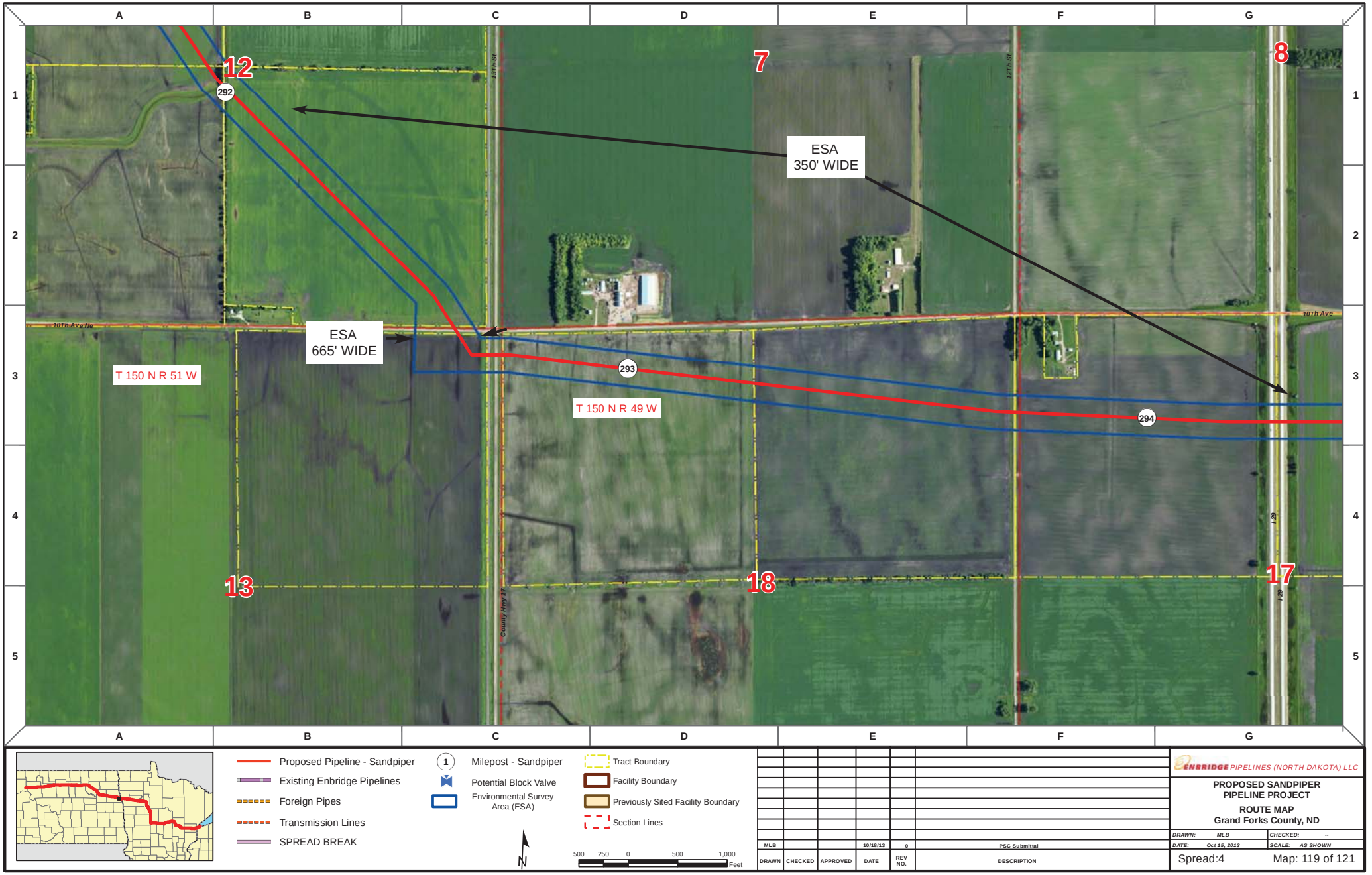
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:4 Map: 118 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

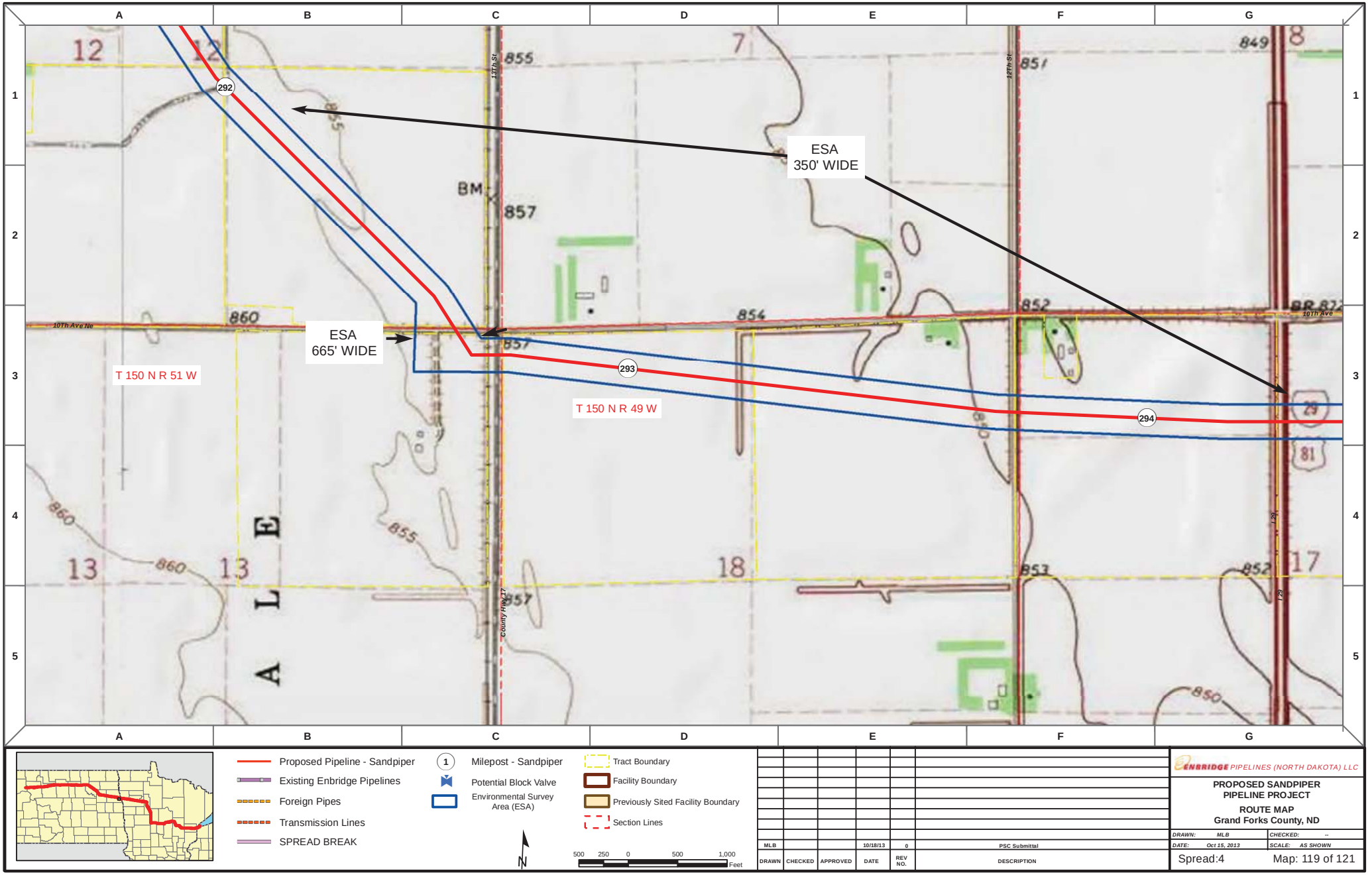
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:4 Map: 119 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
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Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

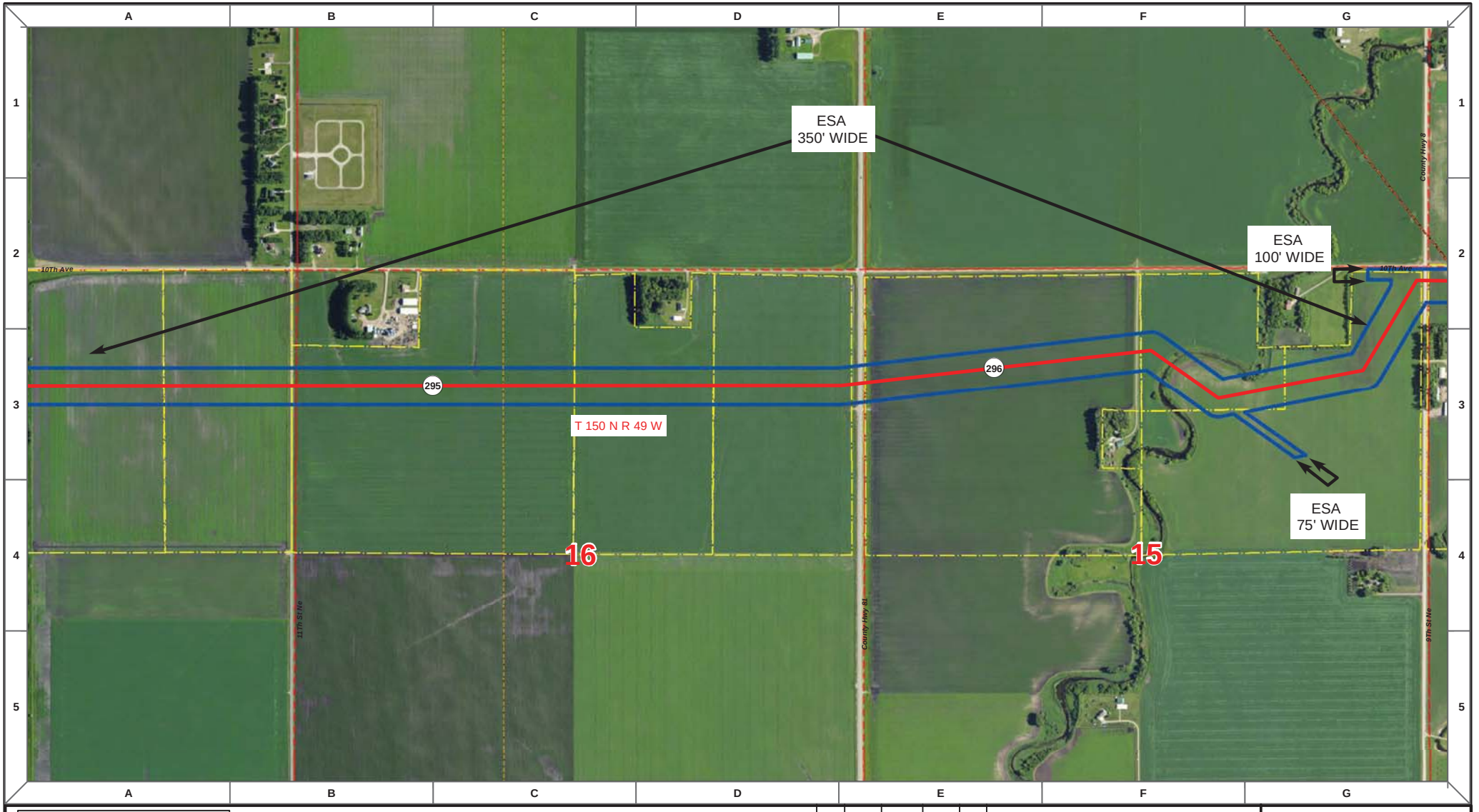
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

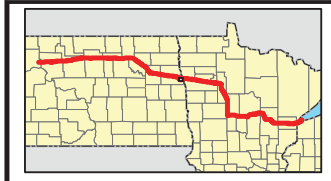
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 15, 2013 SCALE: AS SHOWN

Spread:4 Map: 119 of 121





Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve

Environmental Survey Area (ESA)
Tract Boundary
Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

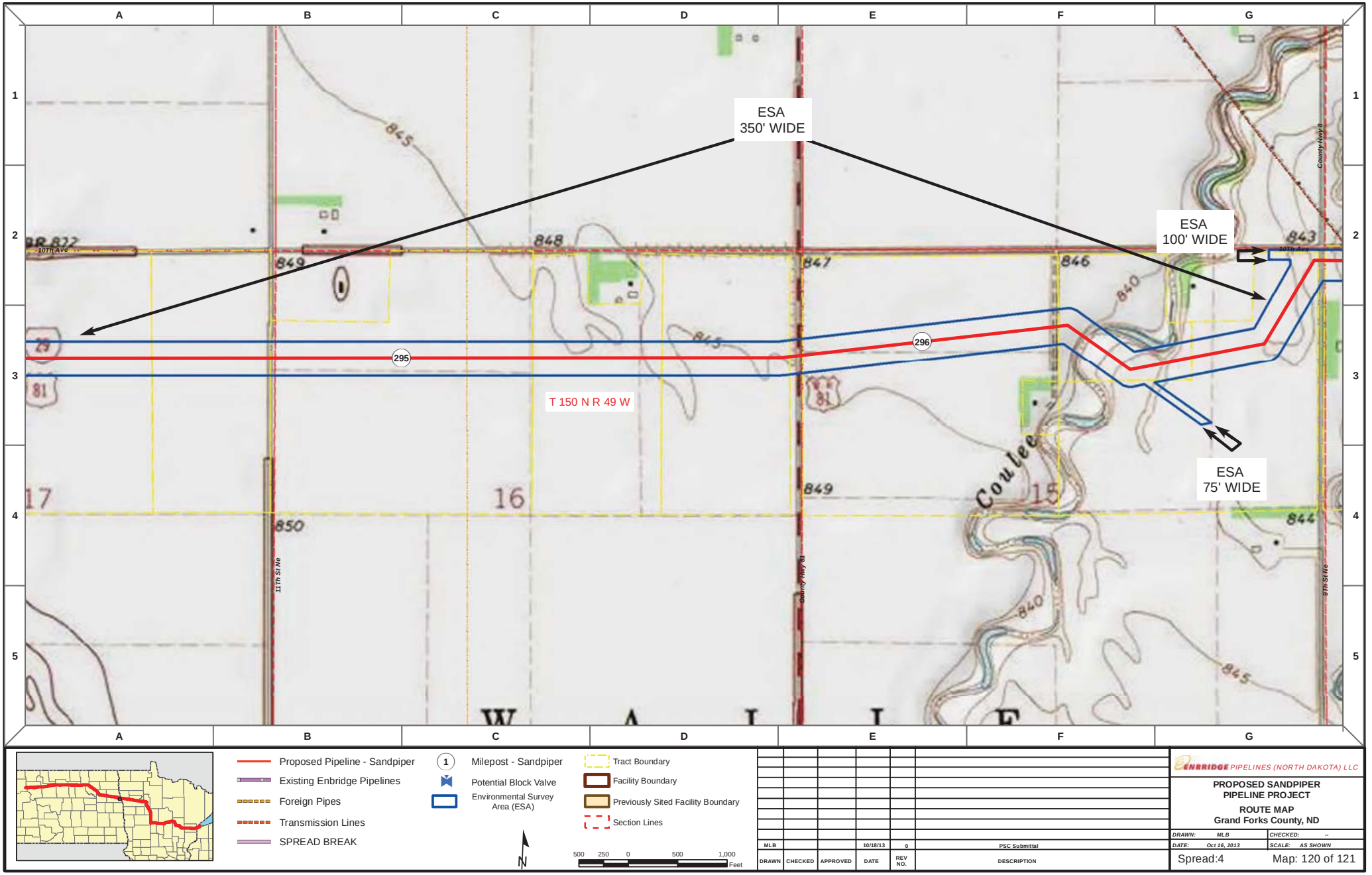
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 16, 2013 SCALE: AS SHOWN

Spread:4 Map: 120 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

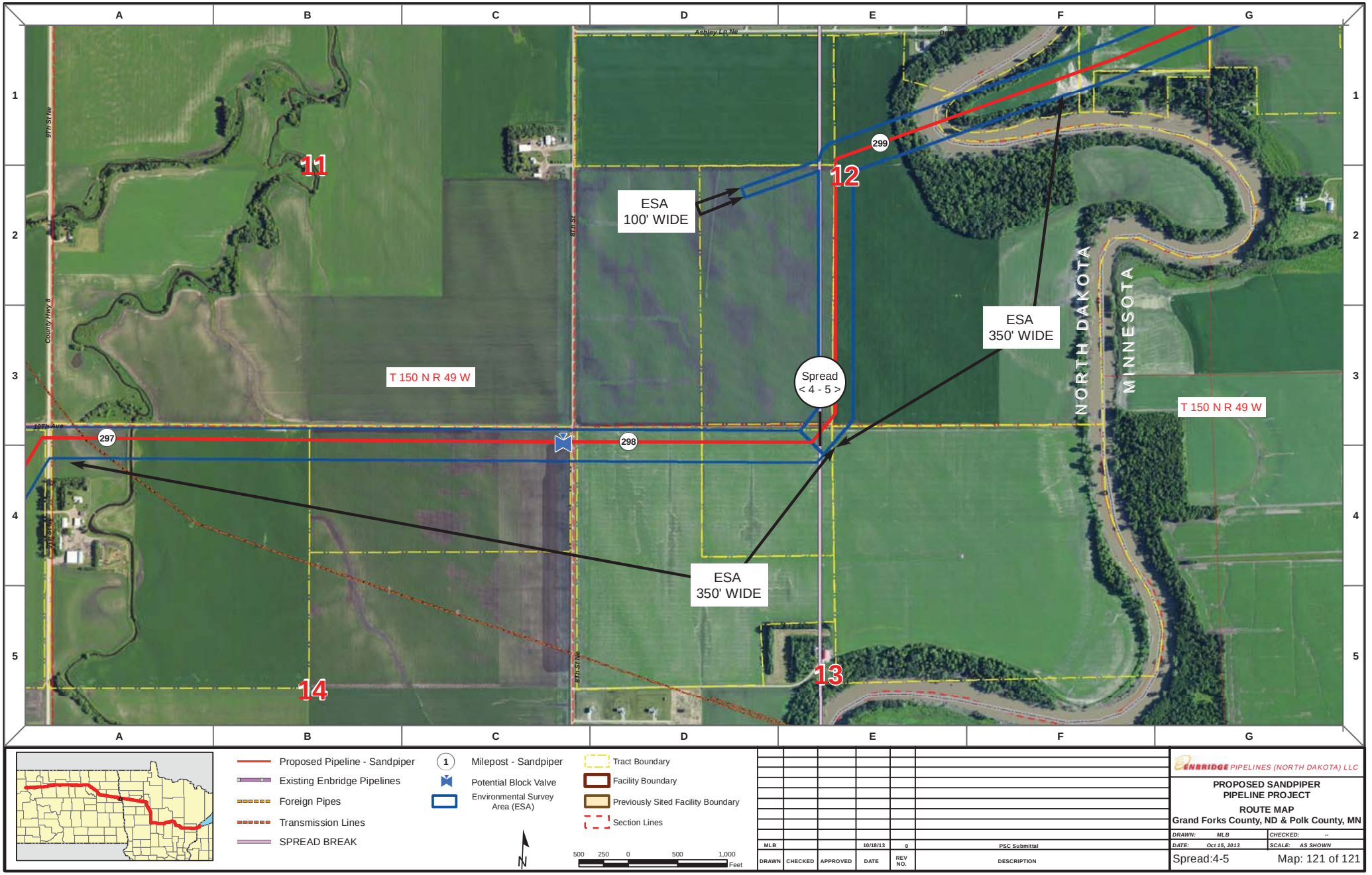
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

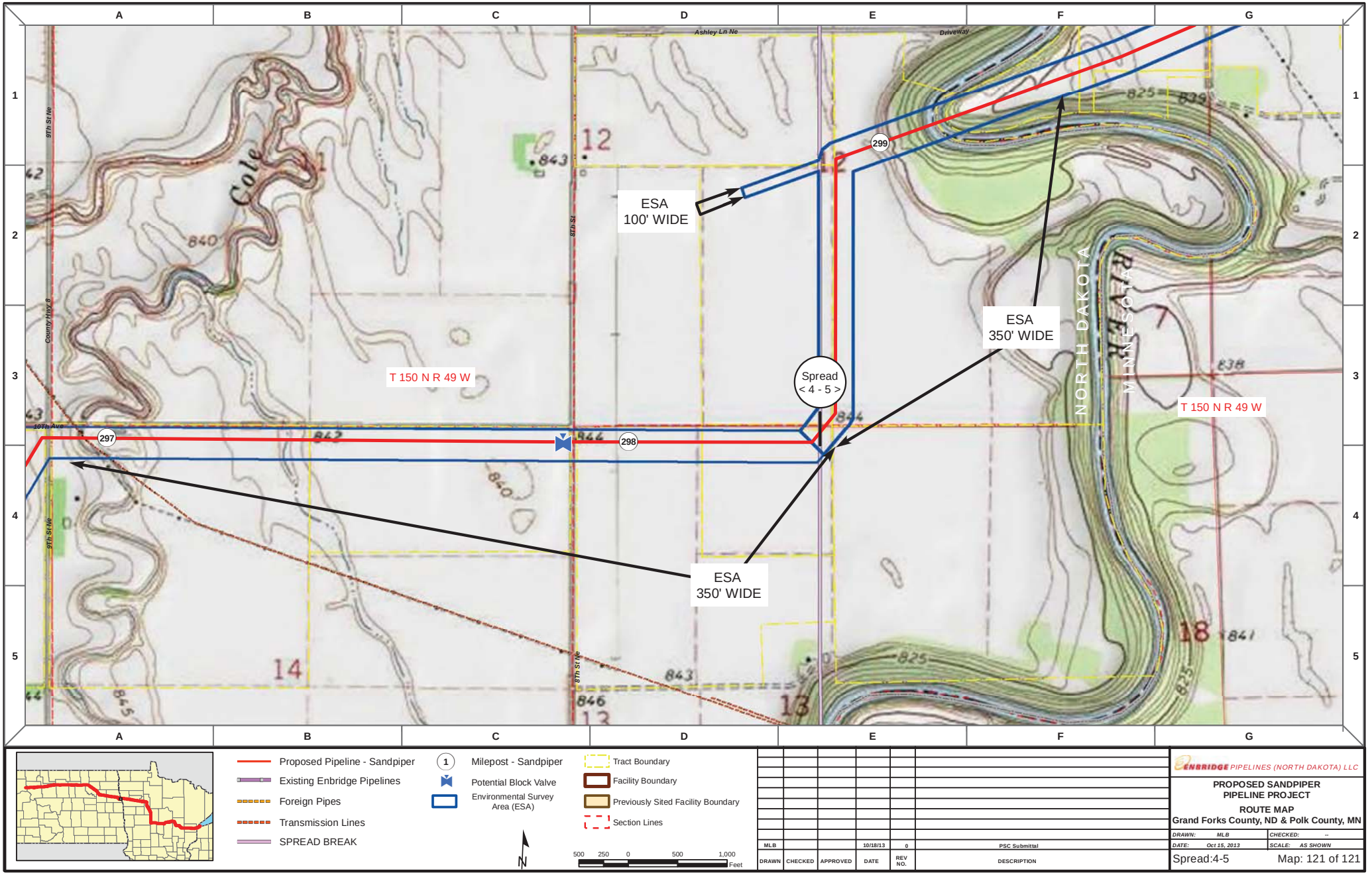
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP
Grand Forks County, ND

DRAWN: MLB CHECKED: --
DATE: Oct 16, 2013 SCALE: AS SHOWN

Spread:4 Map: 120 of 121


A
B
C
D
E
F
G
1
2
3
4
5
11
12
13
14
ESA
100' WIDE
ESA
350' WIDE
ESA
350' WIDE
Spread
< 4 - 5 >
T 150 N R 49 W
T 150 N R 49 W
NORTH DAKOTA
MINNESOTA
297
298
299
Ashley Ln Ne
9th St Ne
8th St Ne
County Hwy 8
10Th Ave
Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK
Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)
Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines
N
500 250 0 500 1,000
Feet
MLB
10/18/13
0
PSC Submittal
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APPROVED
DATE
REV NO.
DESCRIPTION
ENBRIDGE PIPELINES (NORTH DAKOTA) LLC
PROPOSED SANDPIPER
PIPELINE PROJECT
ROUTE MAP
Grand Forks County, ND & Polk County, MN
DRAWN: MLB
CHECKED: --
DATE: Oct 15, 2013
SCALE: AS SHOWN
Spread:4-5
Map: 121 of 121



Proposed Pipeline - Sandpiper
Existing Enbridge Pipelines
Foreign Pipes
Transmission Lines
SPREAD BREAK

1 Milepost - Sandpiper
Potential Block Valve
Environmental Survey Area (ESA)

Tract Boundary
Facility Boundary
Previously Sited Facility Boundary
Section Lines

N

500 250 0 500 1,000 Feet

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/18/13	0	PSC Submittal

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP

Grand Forks County, ND & Polk County, MN

DRAWN: MLB | CHECKED: --
DATE: Oct 15, 2013 | SCALE: AS SHOWN

Spread:4-5 Map: 121 of 121