

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

500 250 0 500 1,000 Feet

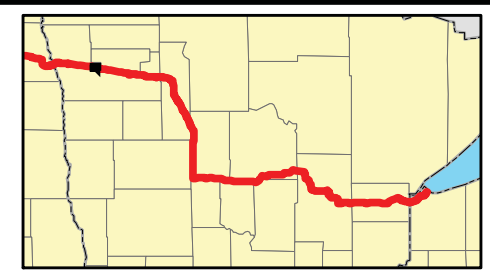
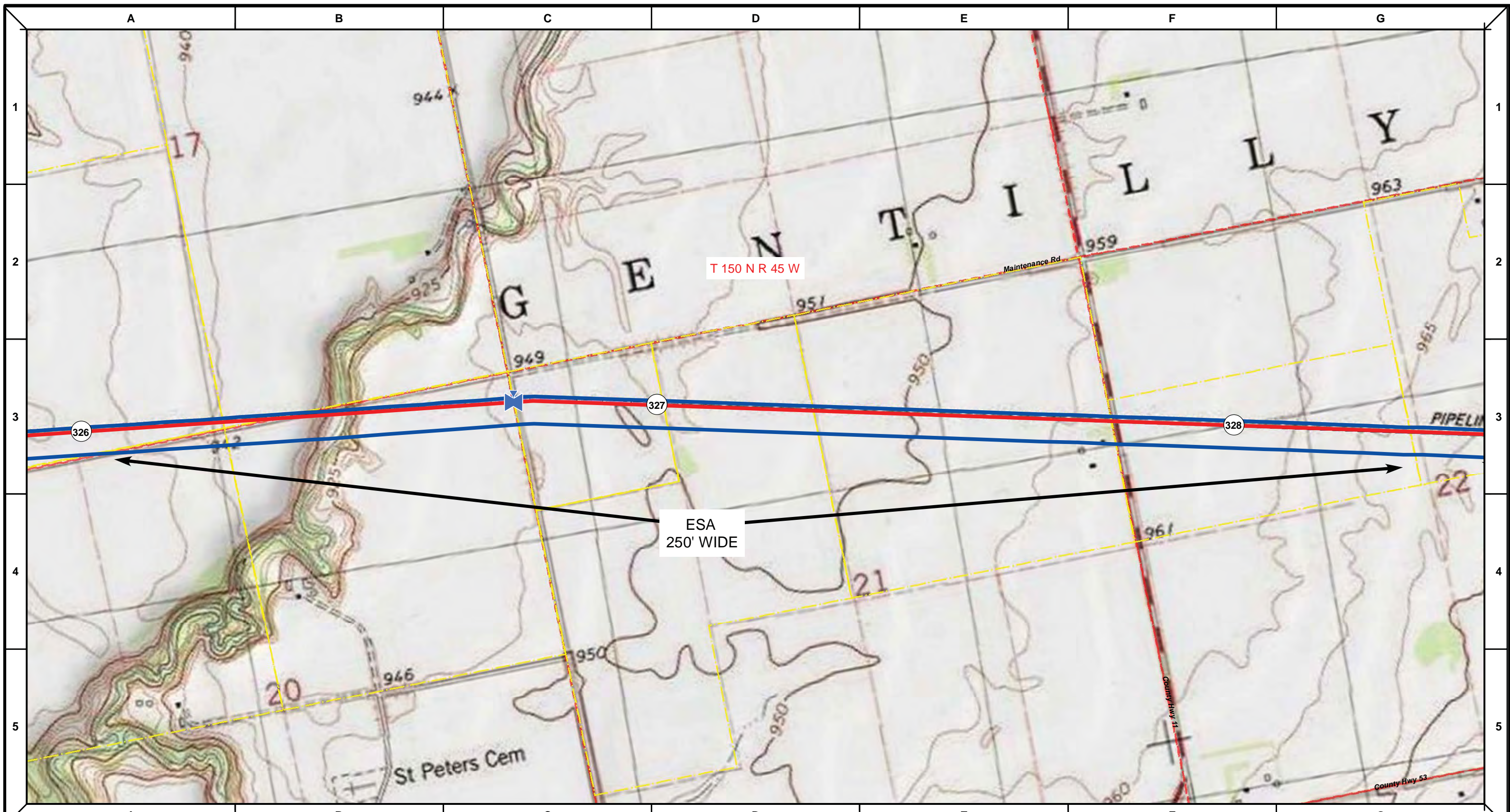
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			1/29/14	2	PUC Update - Revision D-2 Alignment
			12/19/13	1	PUC Update - Revision D Alignment
			10/10/13	0	PUC Submittal

NORTH DAKOTA PIPELINE COMPANY LLC

**PROPOSED SANDPIPER
 PIPELINE PROJECT
 ROUTE MAP
 Polk County, MN**

DRAWN: MLB	CHECKED: --
DATE: Jan 30, 2014	SCALE: AS SHOWN

Spread:5 Map: 13 of 123



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

500 250 0 500 1,000 Feet

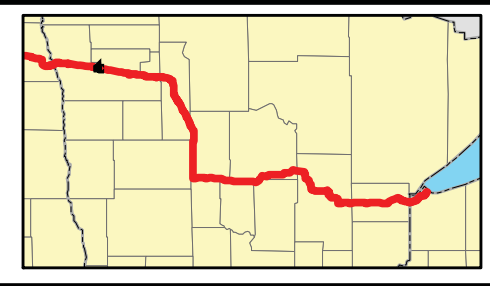
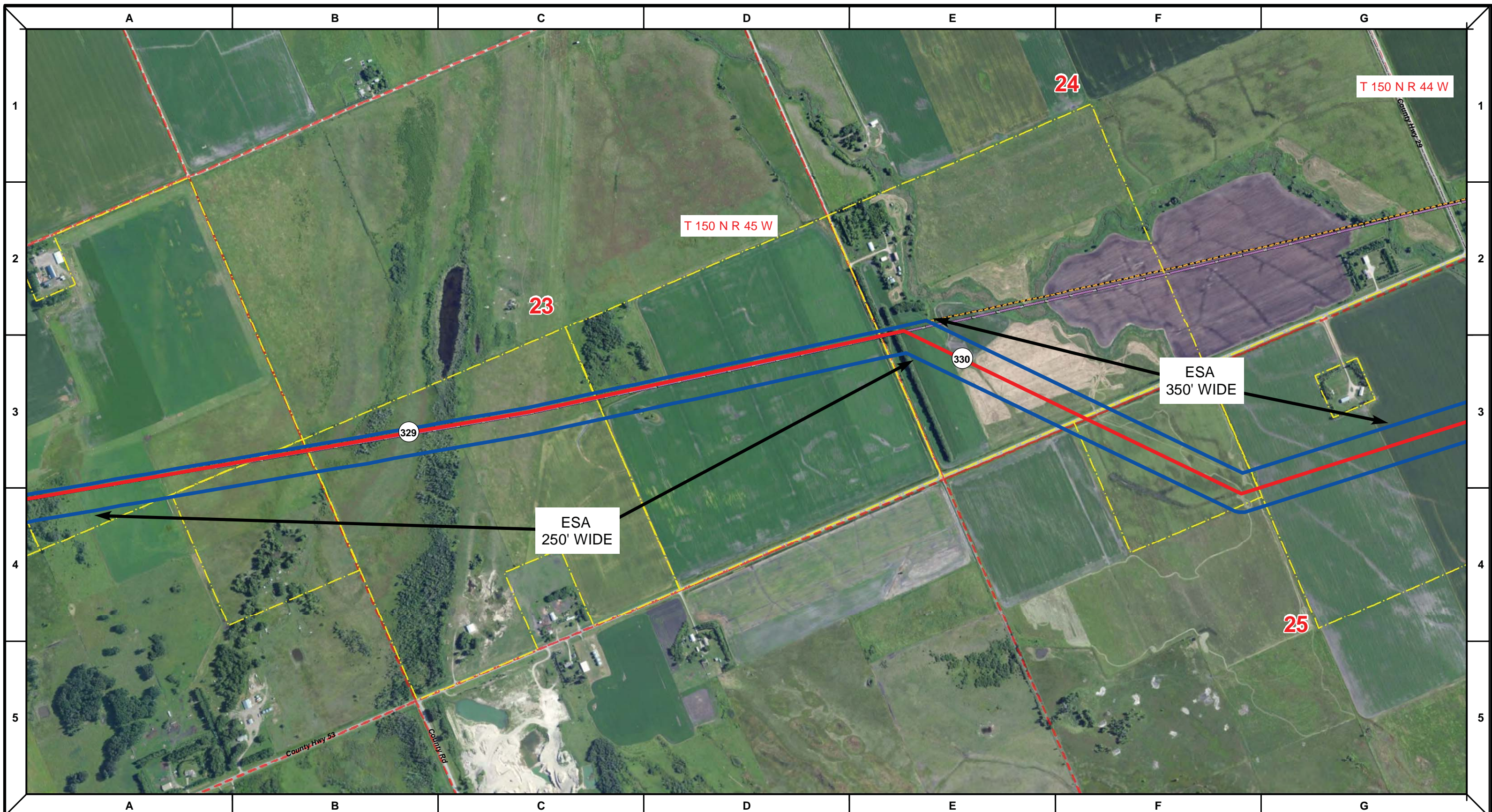
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	10/10/13	0	PUC Submittal
DRAWN	CHECKED	APPROVED	DATE

NORTH DAKOTA PIPELINE COMPANY LLC

**PROPOSED SANDPIPER
 PIPELINE PROJECT
 ROUTE MAP
 Polk County, MN**

DRAWN: MLB	CHECKED: --
DATE: Jan 30, 2014	SCALE: AS SHOWN

Spread:5 Map: 13 of 123



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

500 250 0 500 1,000 Feet

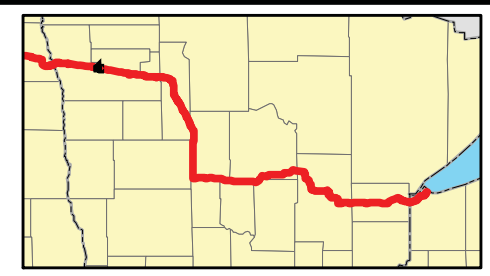
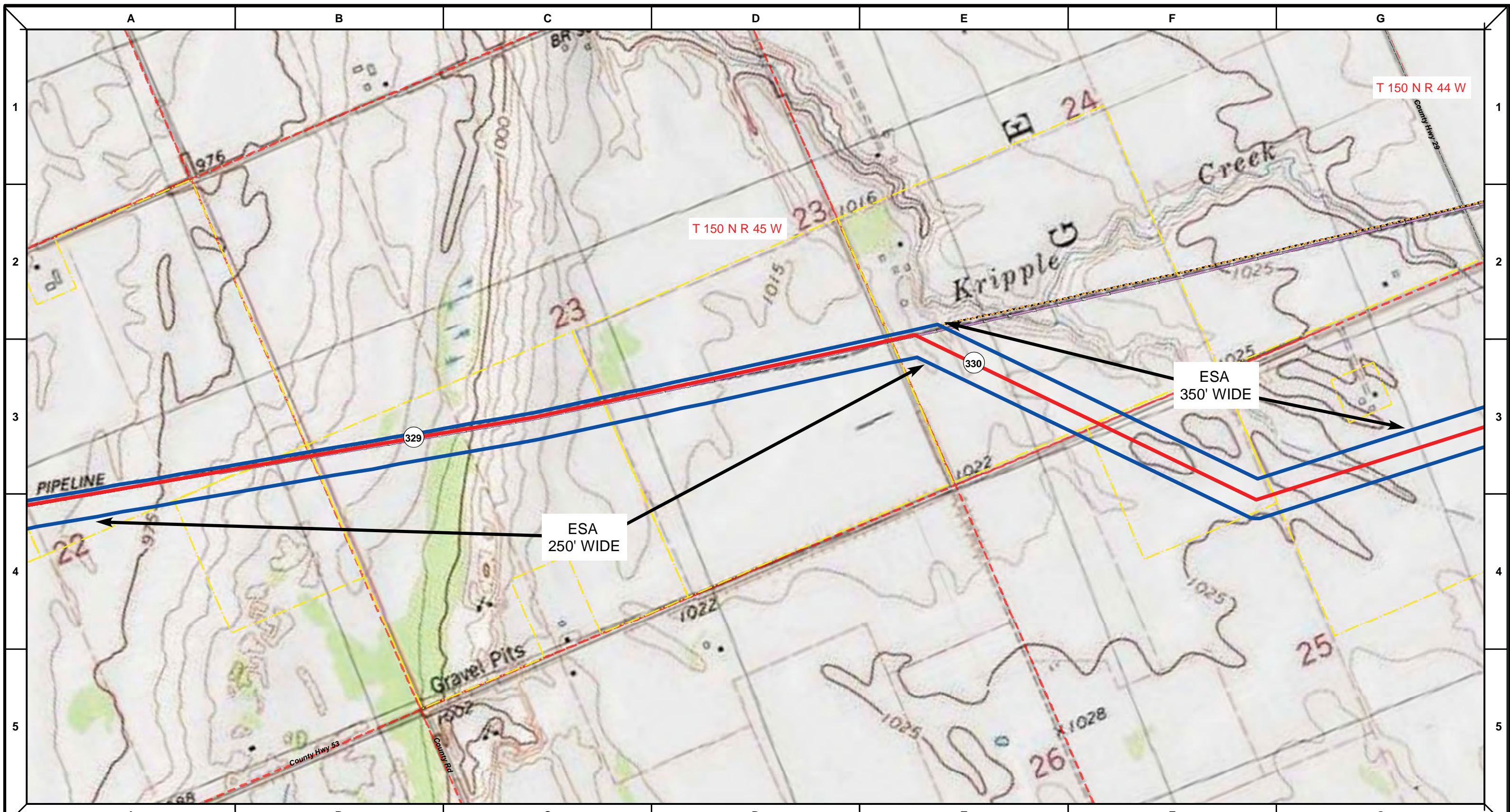
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NORTH DAKOTA PIPELINE COMPANY LLC

**PROPOSED SANDPIPER
 PIPELINE PROJECT
 ROUTE MAP
 Polk County, MN**

DRAWN: MLB	CHECKED: --
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Spread:5 Map: 14 of 123



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

500 250 0 500 1,000 Feet

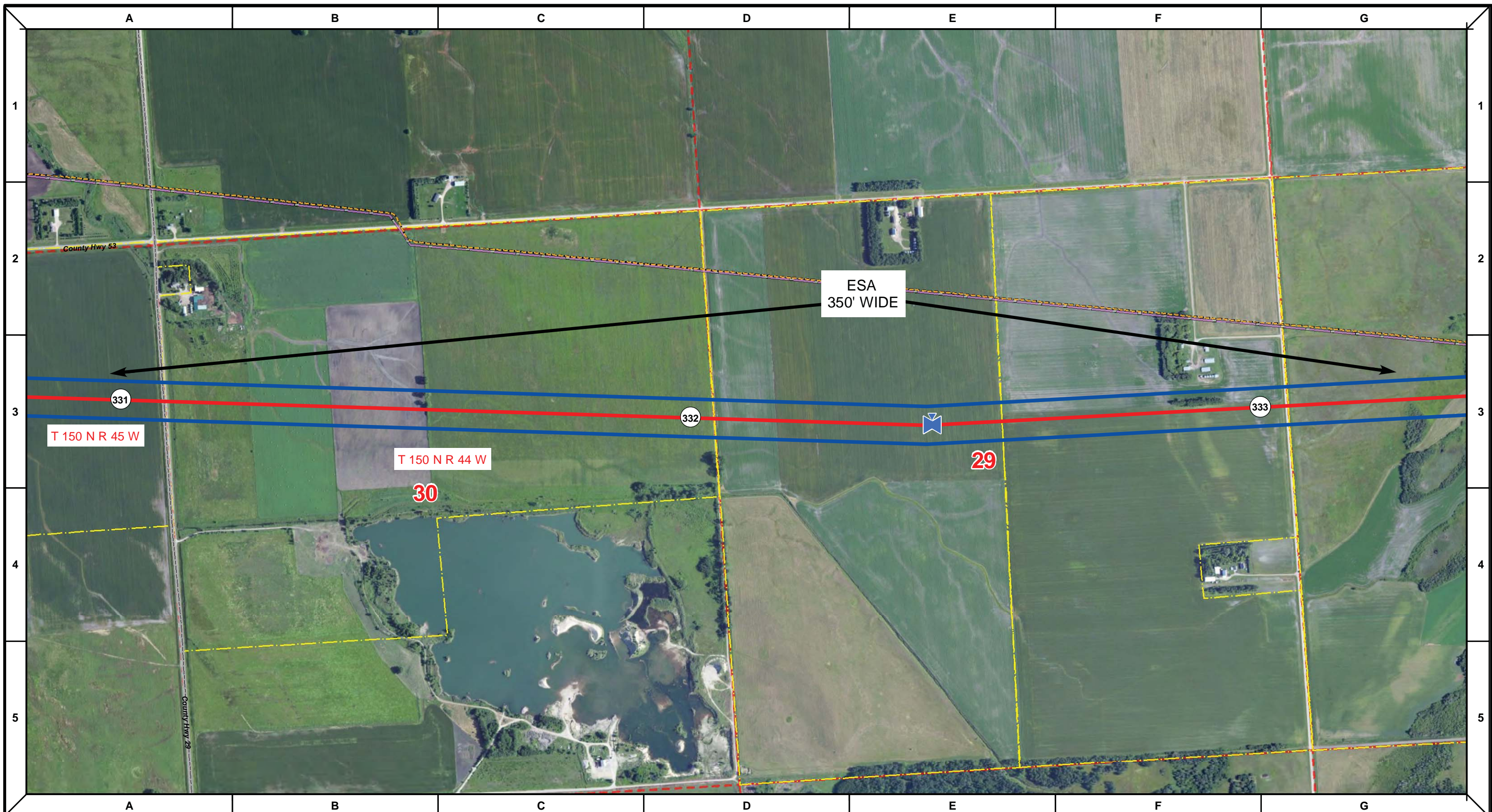
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ENBRIDGE
NORTH DAKOTA PIPELINE COMPANY LLC

PROPOSED SANDPIPER PIPELINE PROJECT ROUTE MAP
Polk County, MN

DRAWN: MLB	CHECKED: --
DATE: Jan 30, 2014	SCALE: AS SHOWN

Spread:5 Map: 14 of 123



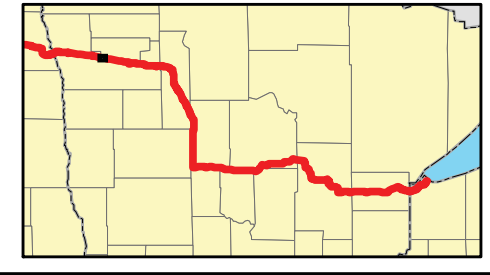
ESA
350' WIDE

T 150 N R 45 W

T 150 N R 44 W

30

29



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

500 250 0 500 1,000 Feet

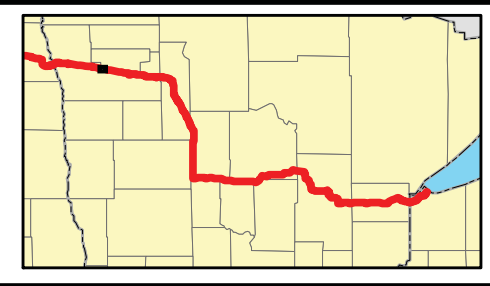
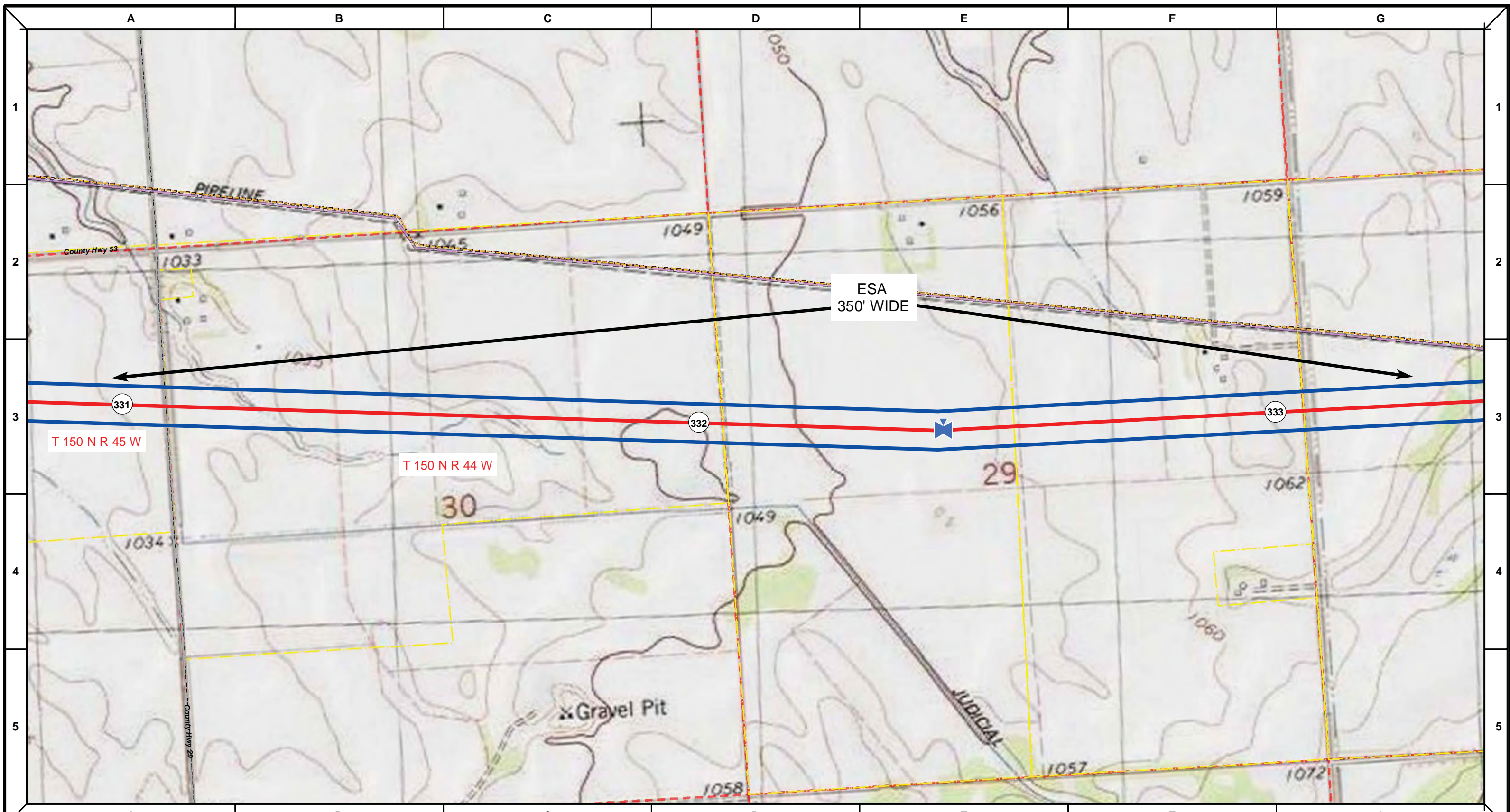
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NORTH DAKOTA PIPELINE COMPANY LLC

**PROPOSED SANDPIPER
PIPELINE PROJECT
ROUTE MAP**
 Polk & Red Lake County, MN

DRAWN: MLB	CHECKED: --
DATE: Jan 30, 2014	SCALE: AS SHOWN

Spread:5 Map: 15 of 123



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

500 250 0 500 1,000 Feet

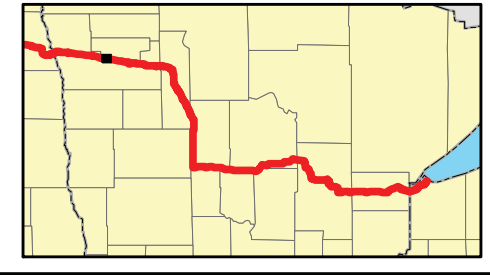
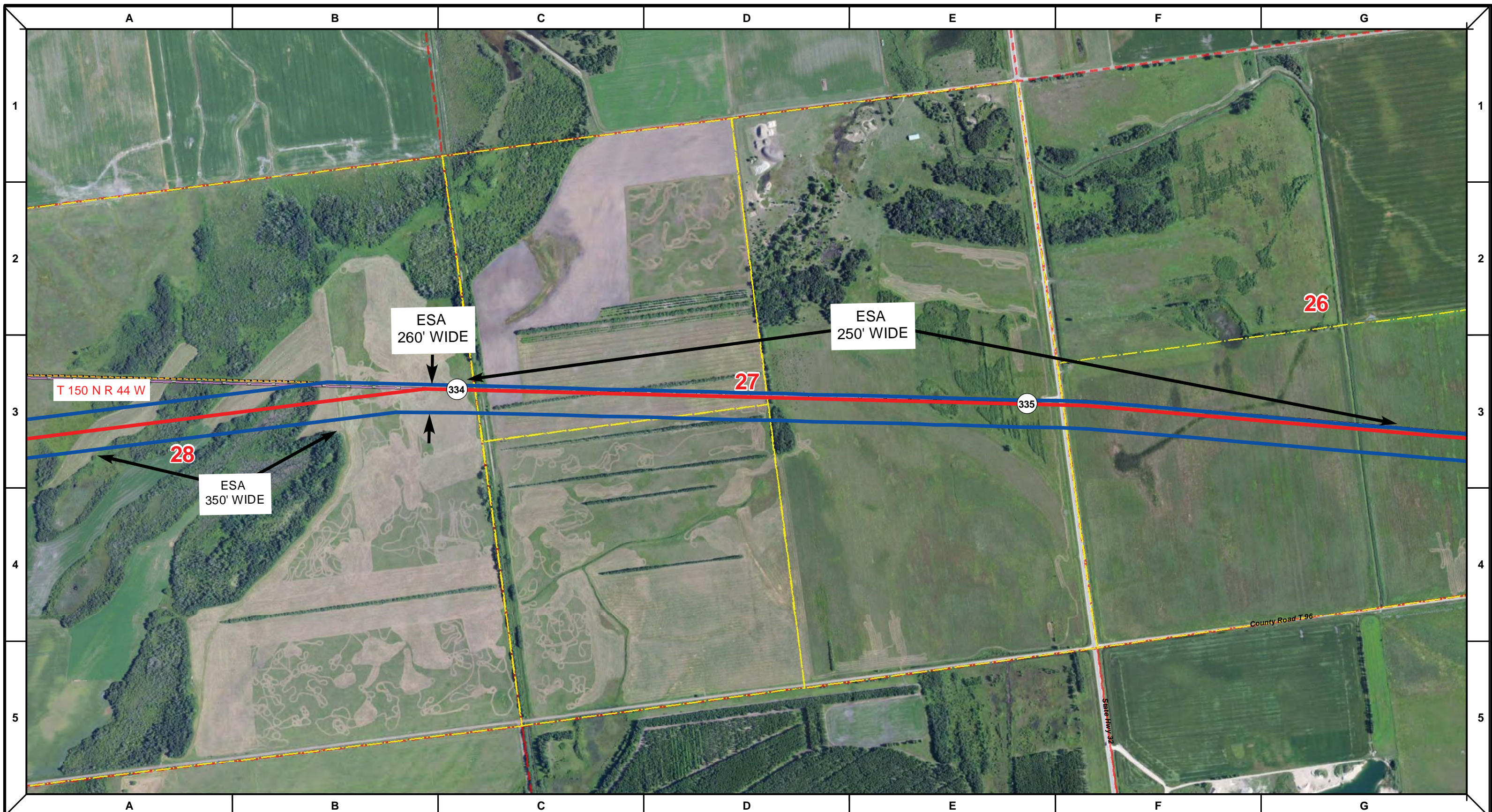
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NORTH DAKOTA PIPELINE COMPANY LLC

PROPOSED SANDPIPER PIPELINE PROJECT
 ROUTE MAP
 Polk & Red Lake County, MN

DRAWN: MLB	CHECKED: --
DATE: Jan 30, 2014	SCALE: AS SHOWN

Spread:5 Map: 15 of 123



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

500 250 0 500 1,000 Feet

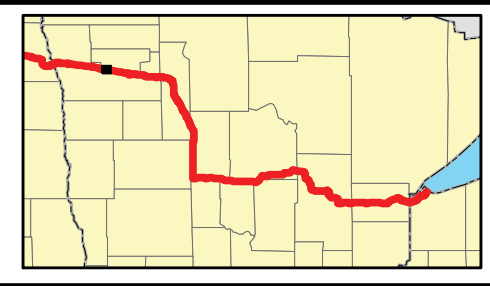
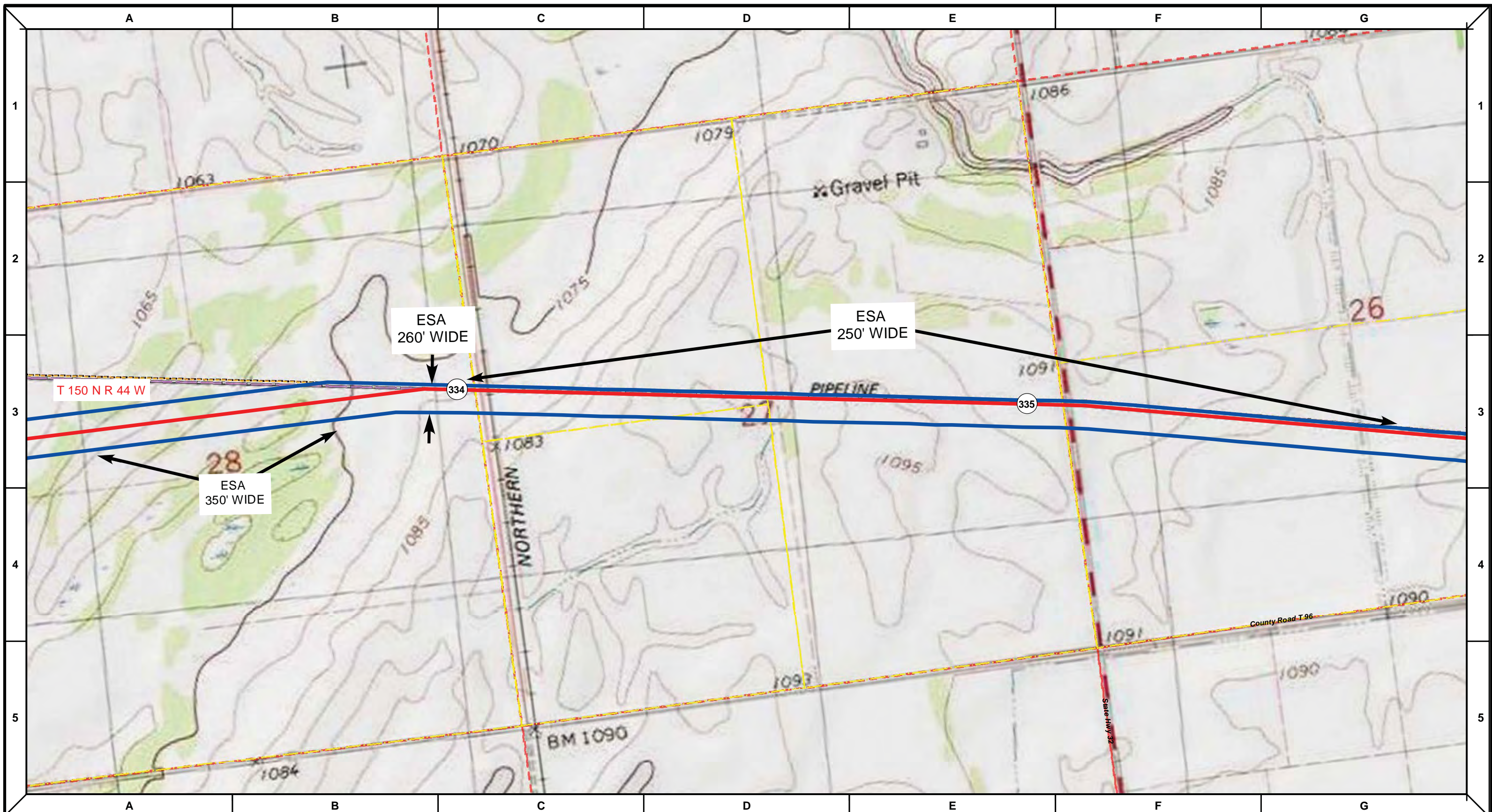
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ENBRIDGE
NORTH DAKOTA PIPELINE COMPANY LLC

**PROPOSED SANDPIPER
PIPELINE PROJECT
ROUTE MAP
Polk County, MN**

DRAWN: MLB	CHECKED: --
DATE: Jan 30, 2014	SCALE: AS SHOWN

Spread:5 Map: 16 of 123



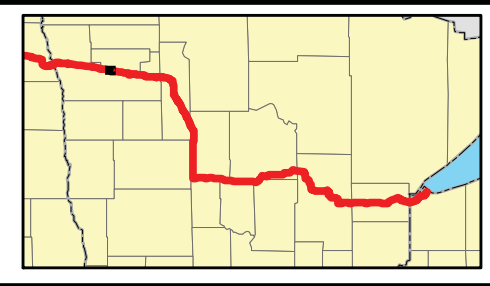
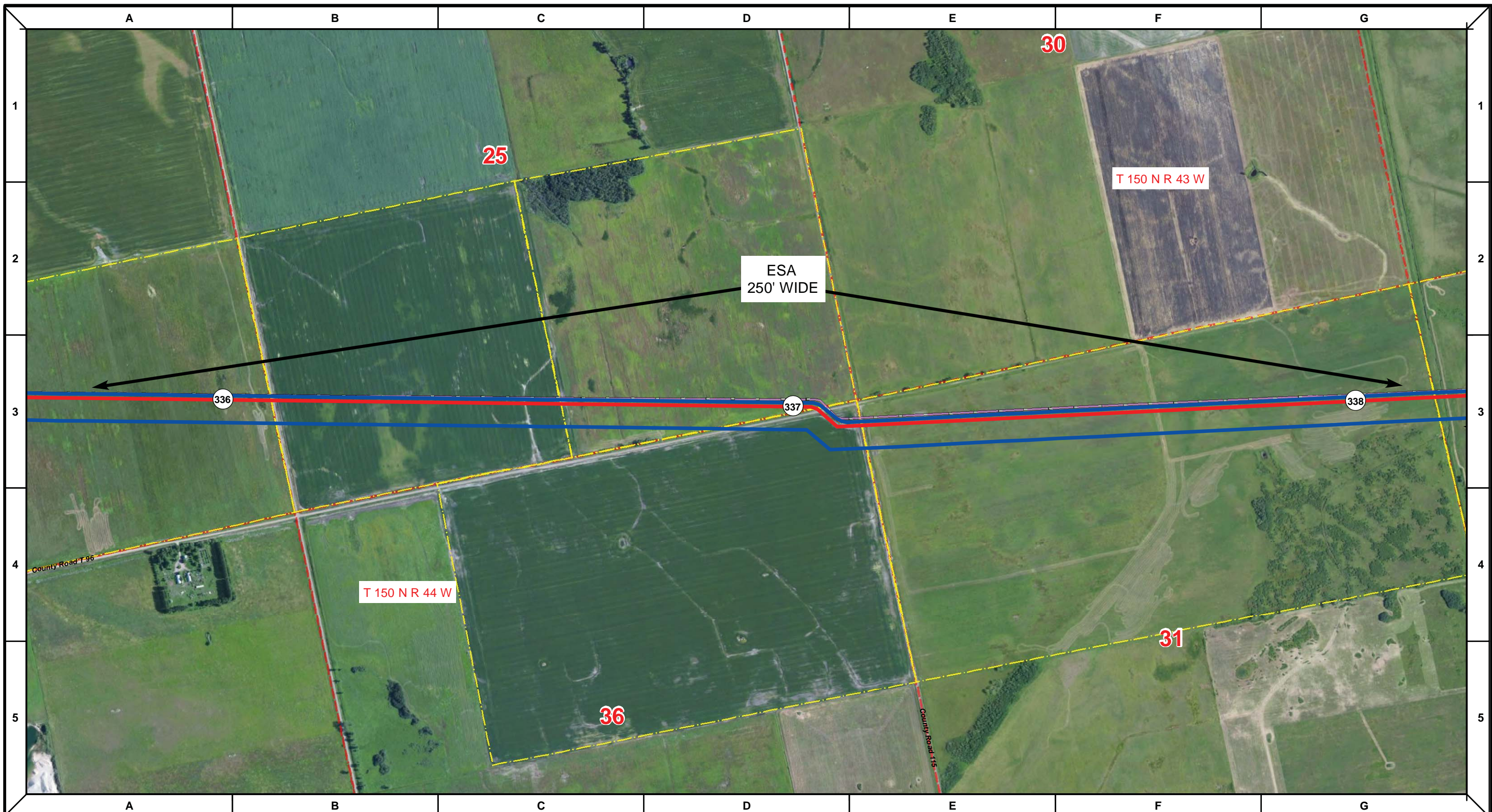
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Existing Enbridge Pipelines	Potential Block Valve	Facility Boundary
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NORTH DAKOTA PIPELINE COMPANY LLC
PROPOSED SANDPIPER PIPELINE PROJECT
 ROUTE MAP
 Polk County, MN

DRAWN: MLB	CHECKED: --
DATE: Jan 30, 2014	SCALE: AS SHOWN

Spread:5 Map: 16 of 123



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

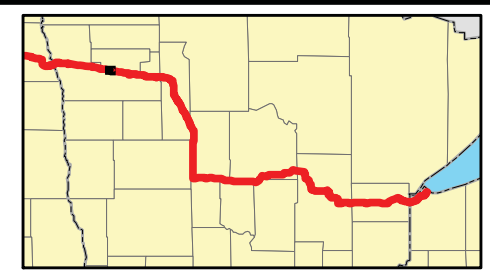
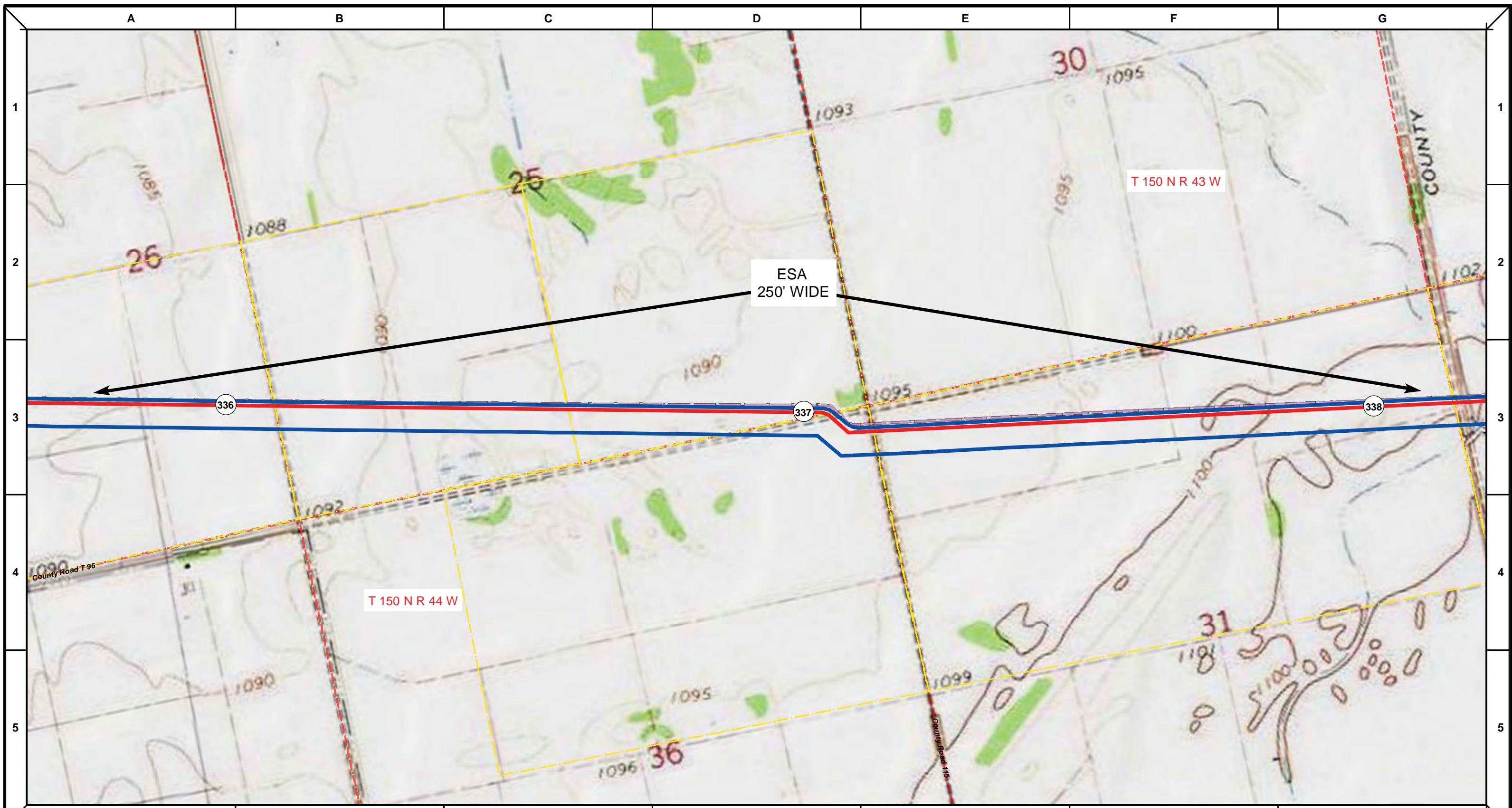
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NORTH DAKOTA PIPELINE COMPANY LLC

PROPOSED SANDPIPER PIPELINE PROJECT
ROUTE MAP
 Polk County, MN

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DATE: Jan 30, 2014	SCALE: AS SHOWN

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Proposed Pipeline - Sandpiper	Milepost - Sandpiper	Tract Boundary
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Foreign Pipes	Environmental Survey Area (ESA)	Previously Sited Facility Boundary
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SPREAD BREAK		

500 250 0 500 1,000 Feet

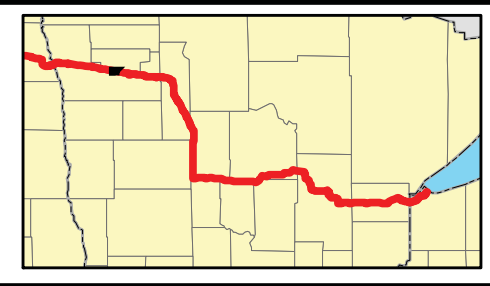
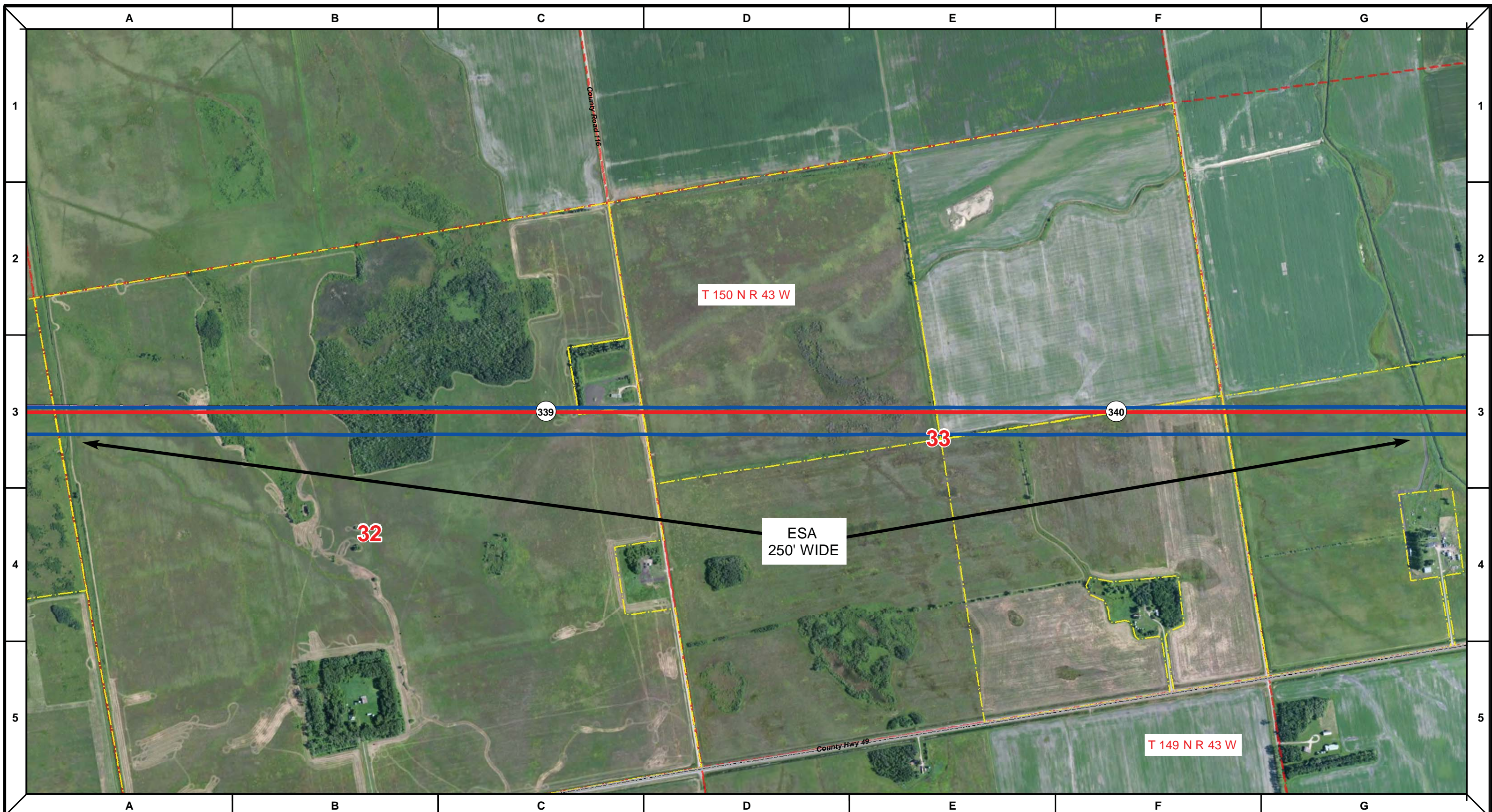
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NORTH DAKOTA PIPELINE COMPANY LLC

PROPOSED SANDPIPER PIPELINE PROJECT
 ROUTE MAP
 Polk County, MN

DRAWN: MLB	CHECKED: --
DATE: Jan 30, 2014	SCALE: AS SHOWN

Spread:5 Map: 17 of 123



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

500 250 0 500 1,000 Feet

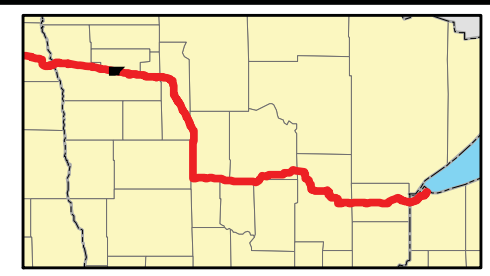
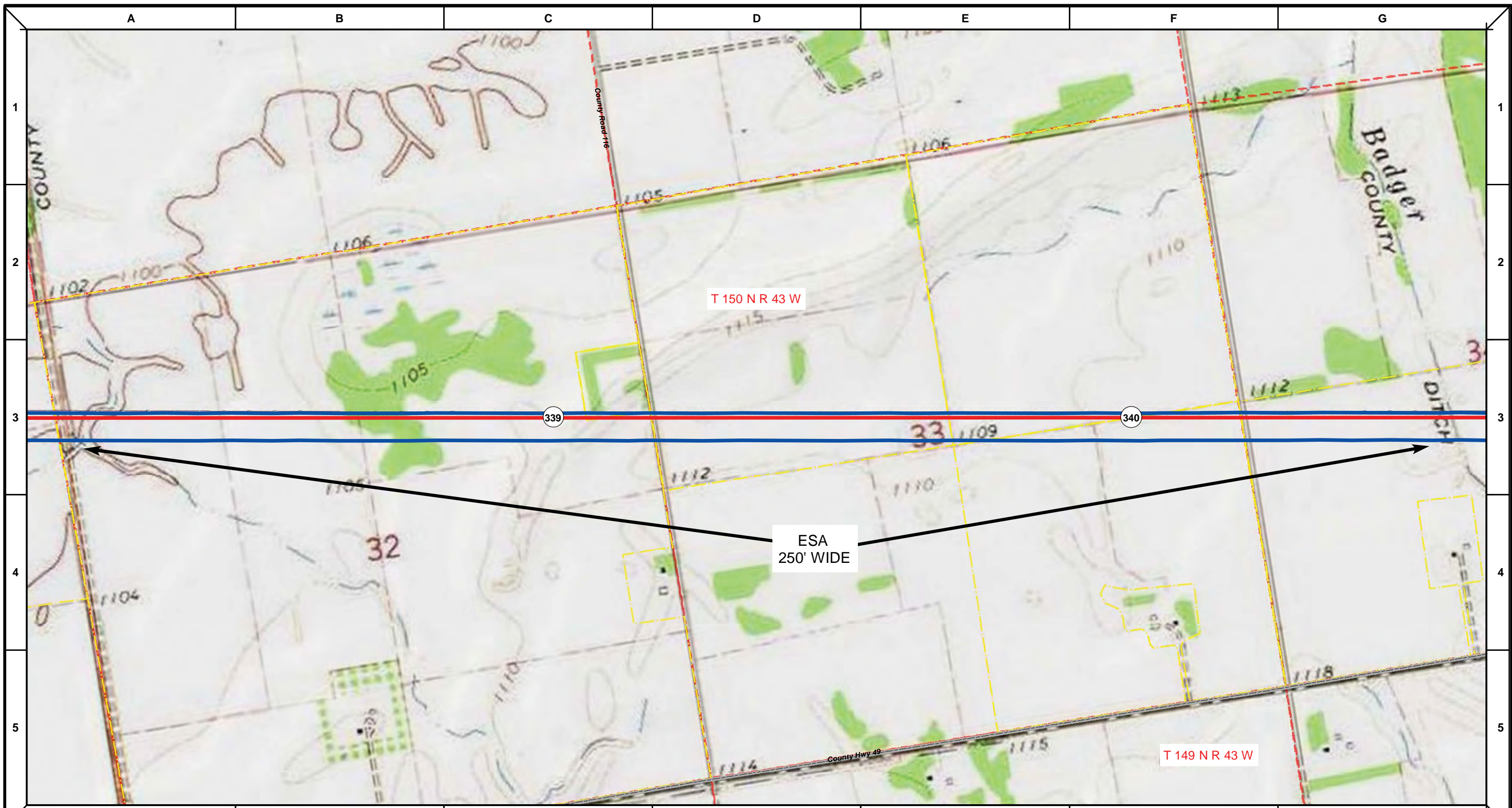
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NORTH DAKOTA PIPELINE COMPANY LLC

PROPOSED SANDPIPER PIPELINE PROJECT
ROUTE MAP
 Red Lake & Polk County, MN

<small>DRAWN:</small> MLB	<small>CHECKED:</small> --
<small>DATE:</small> Jan 30, 2014	<small>SCALE:</small> AS SHOWN

Spread:5 Map: 18 of 123



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

500 250 0 500 1,000 Feet

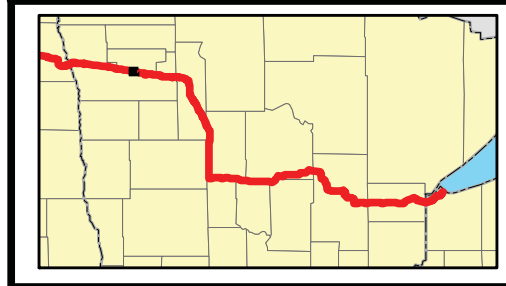
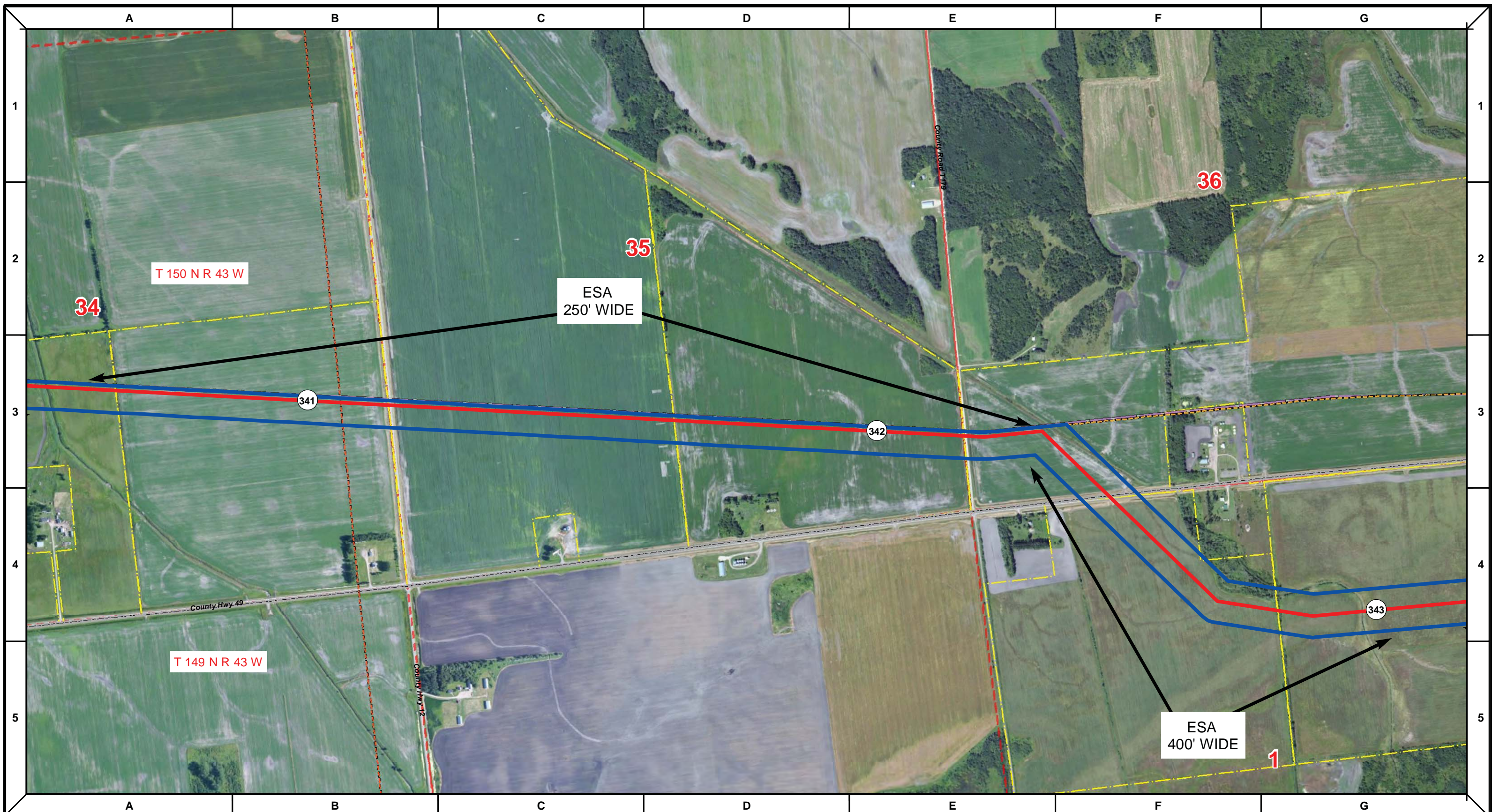
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NORTH DAKOTA PIPELINE COMPANY LLC

PROPOSED SANDPIPER PIPELINE PROJECT
 ROUTE MAP
 Red Lake & Polk County, MN

DRAWN: MLB	CHECKED: --
DATE: Jan 30, 2014	SCALE: AS SHOWN

Spread:5 Map: 18 of 123



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

500 250 0 500 1,000 Feet

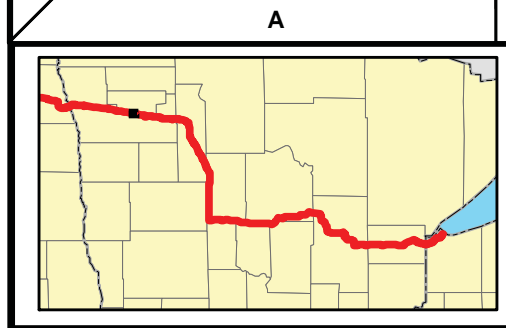
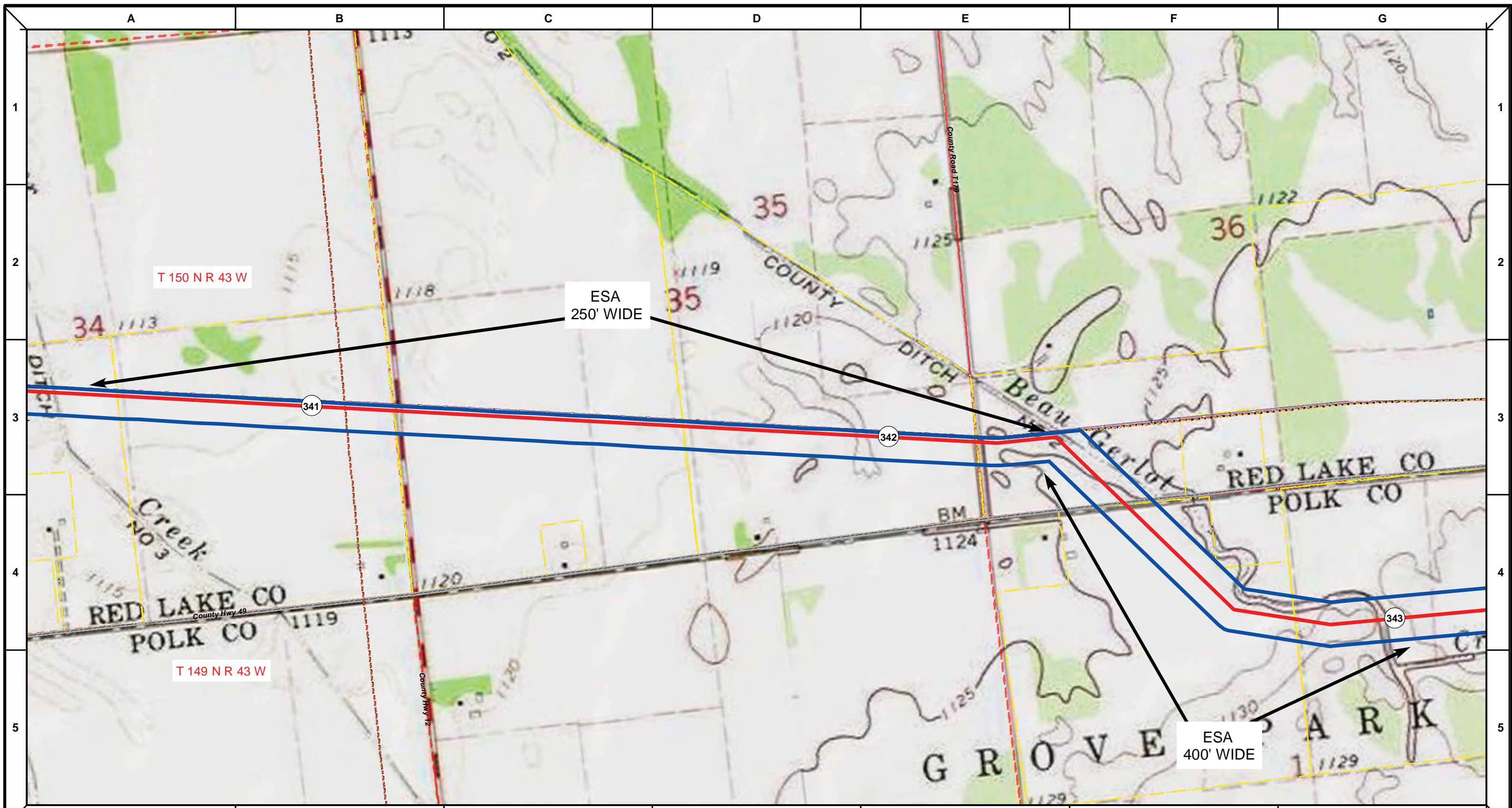
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NORTH DAKOTA PIPELINE COMPANY LLC

**PROPOSED SANDPIPER
 PIPELINE PROJECT
 ROUTE MAP
 Red Lake & Polk County, MN**

DRAWN: <i>MLB</i>	CHECKED: --
DATE: Jan 30, 2014	SCALE: AS SHOWN

Spread:5 Map: 19 of 123



- Proposed Pipeline - 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



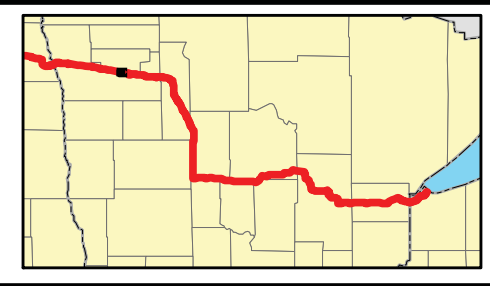
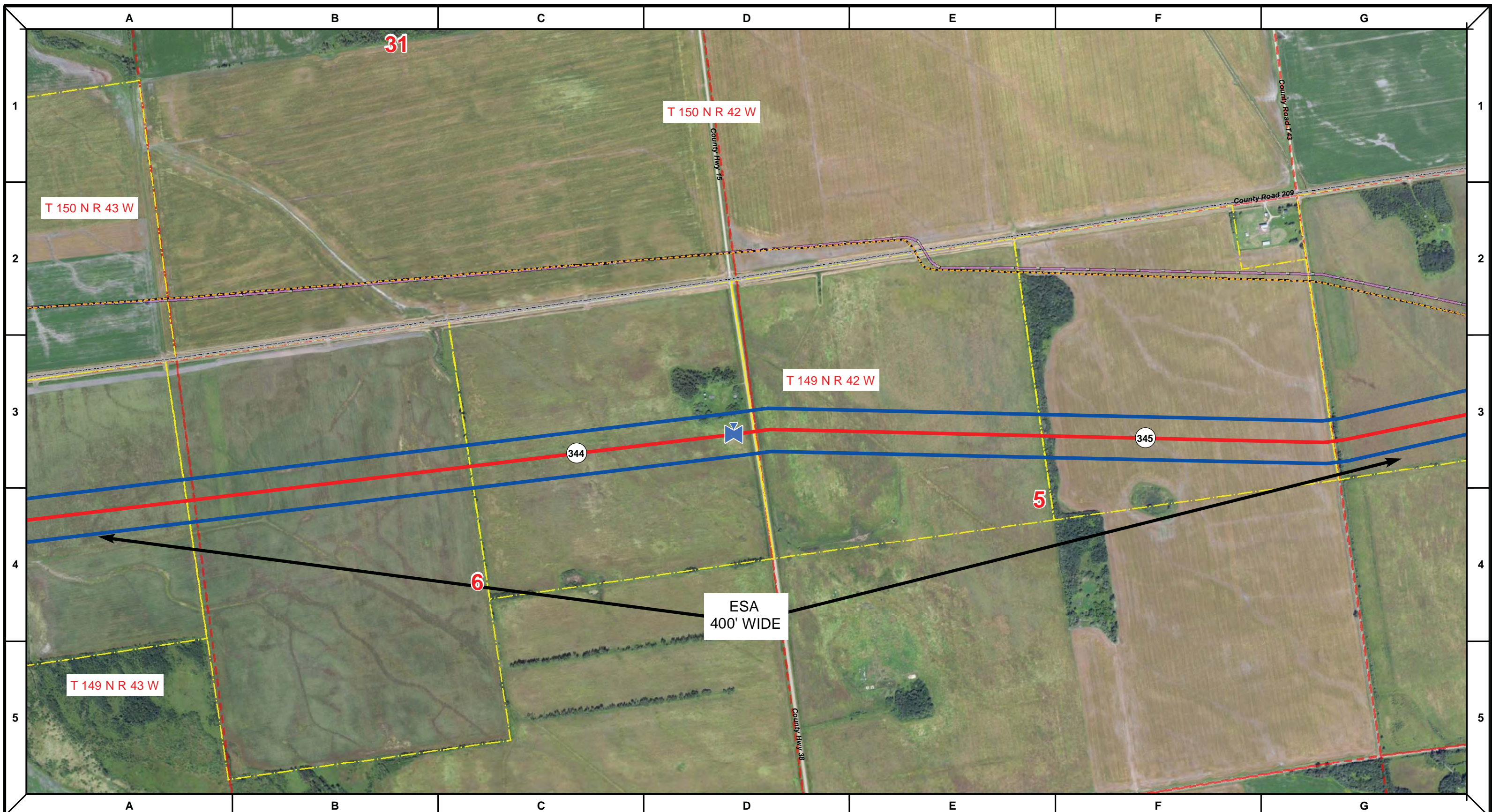
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NORTH DAKOTA PIPELINE COMPANY LLC

PROPOSED SANDPIPER PIPELINE PROJECT
ROUTE MAP
Red Lake & Polk County, MN

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Spread:5 Map: 19 of 123



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

500 250 0 500 1,000 Feet

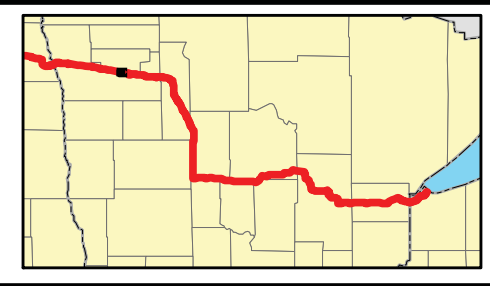
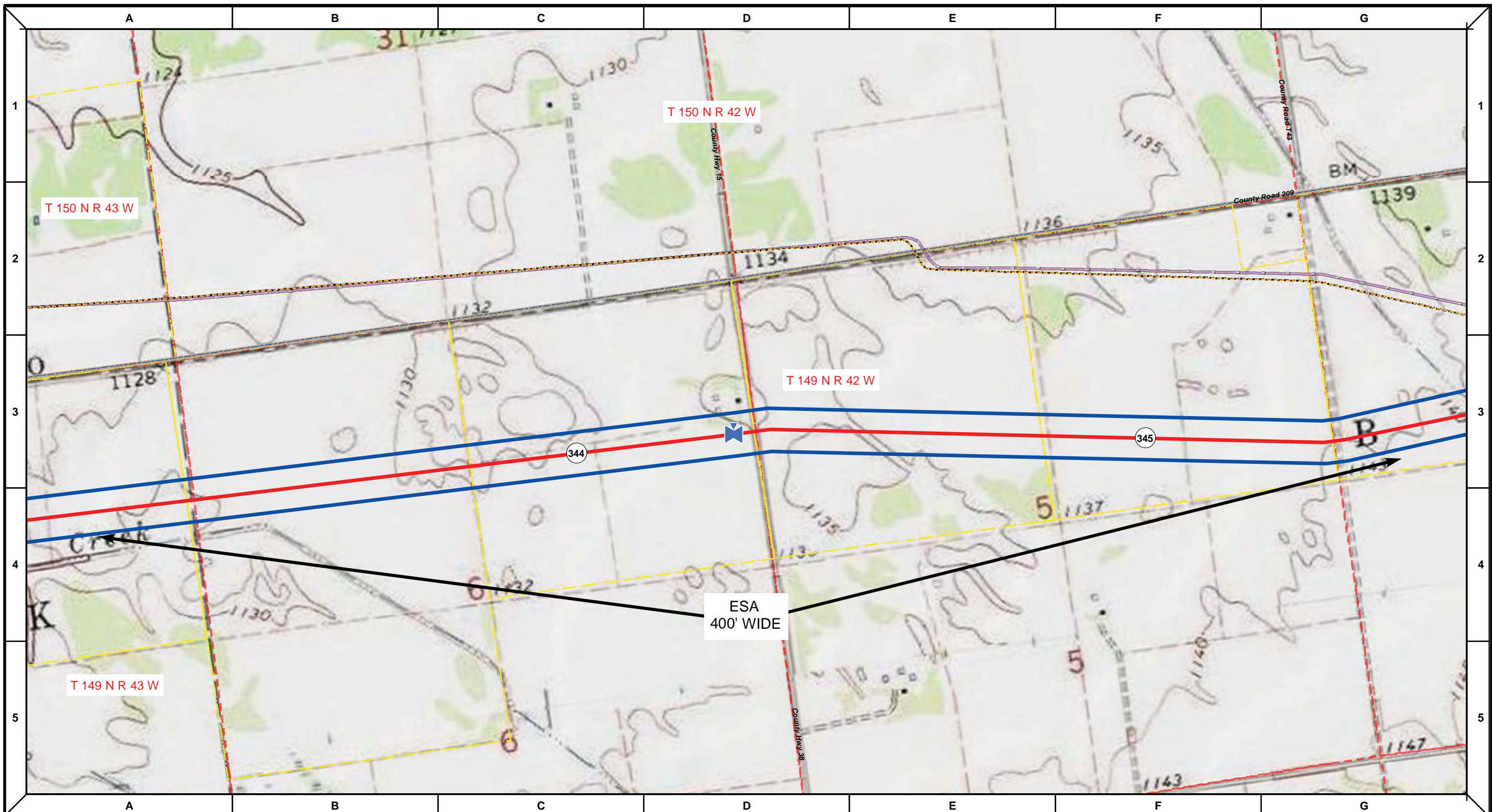
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ENBRIDGE
NORTH DAKOTA PIPELINE COMPANY LLC

PROPOSED SANDPIPER PIPELINE PROJECT ROUTE MAP
Red Lake & Polk County, MN

DRAWN: MLB	CHECKED: --
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Spread:5 Map: 20 of 123



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

500 250 0 500 1,000 Feet

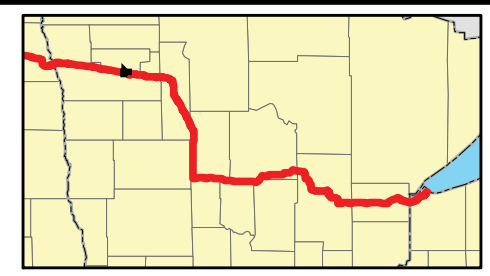
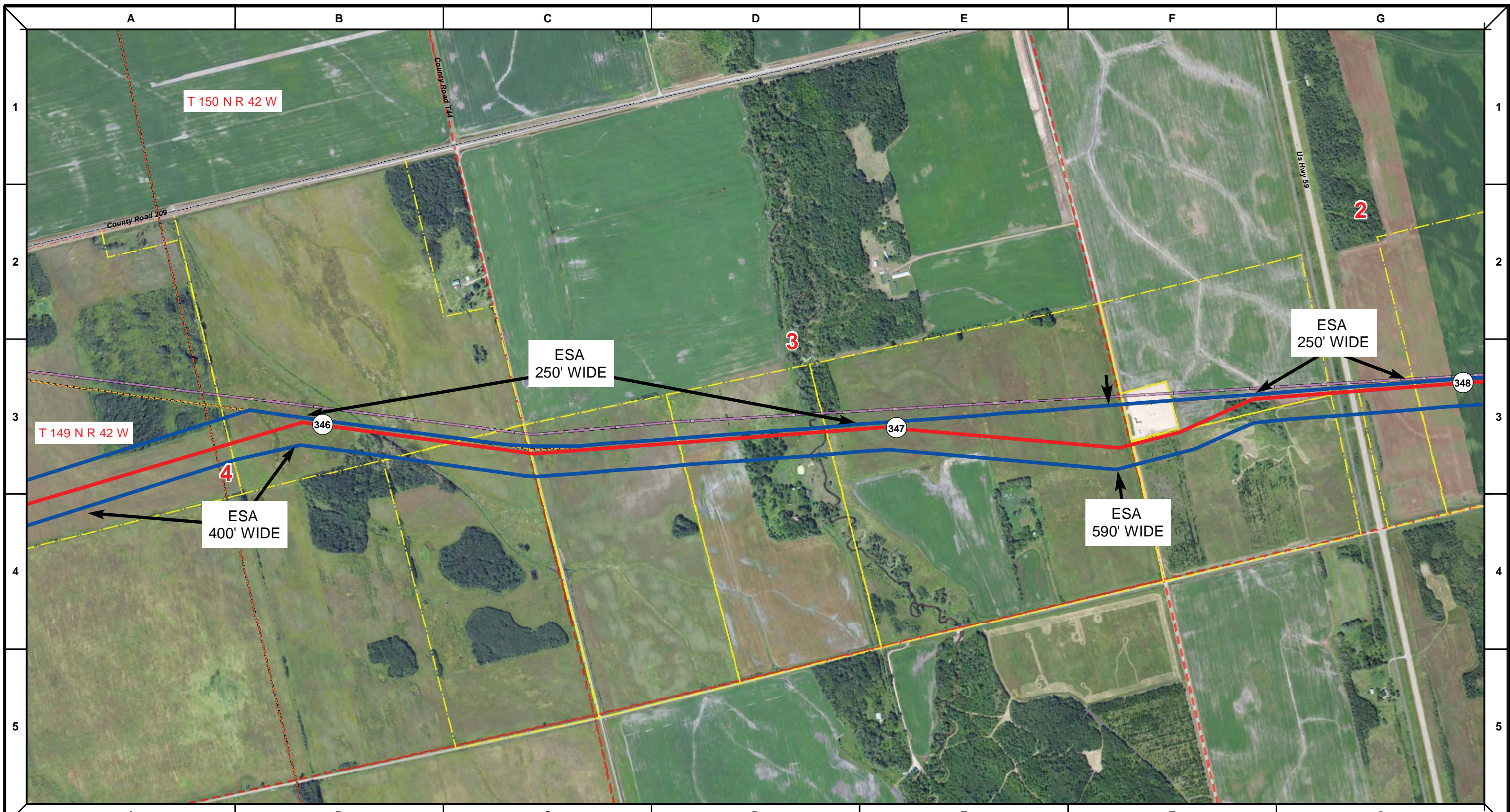
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NORTH DAKOTA PIPELINE COMPANY LLC

PROPOSED SANDPIPER PIPELINE PROJECT
 ROUTE MAP
 Red Lake & Polk County, MN

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Spread:5 Map: 20 of 123



- Proposed Pipeline - 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



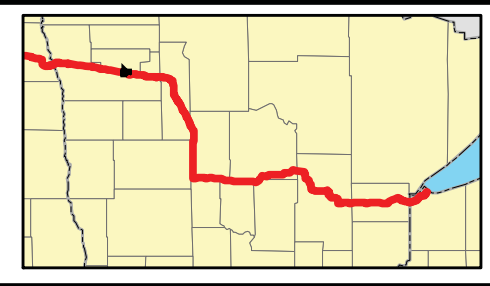
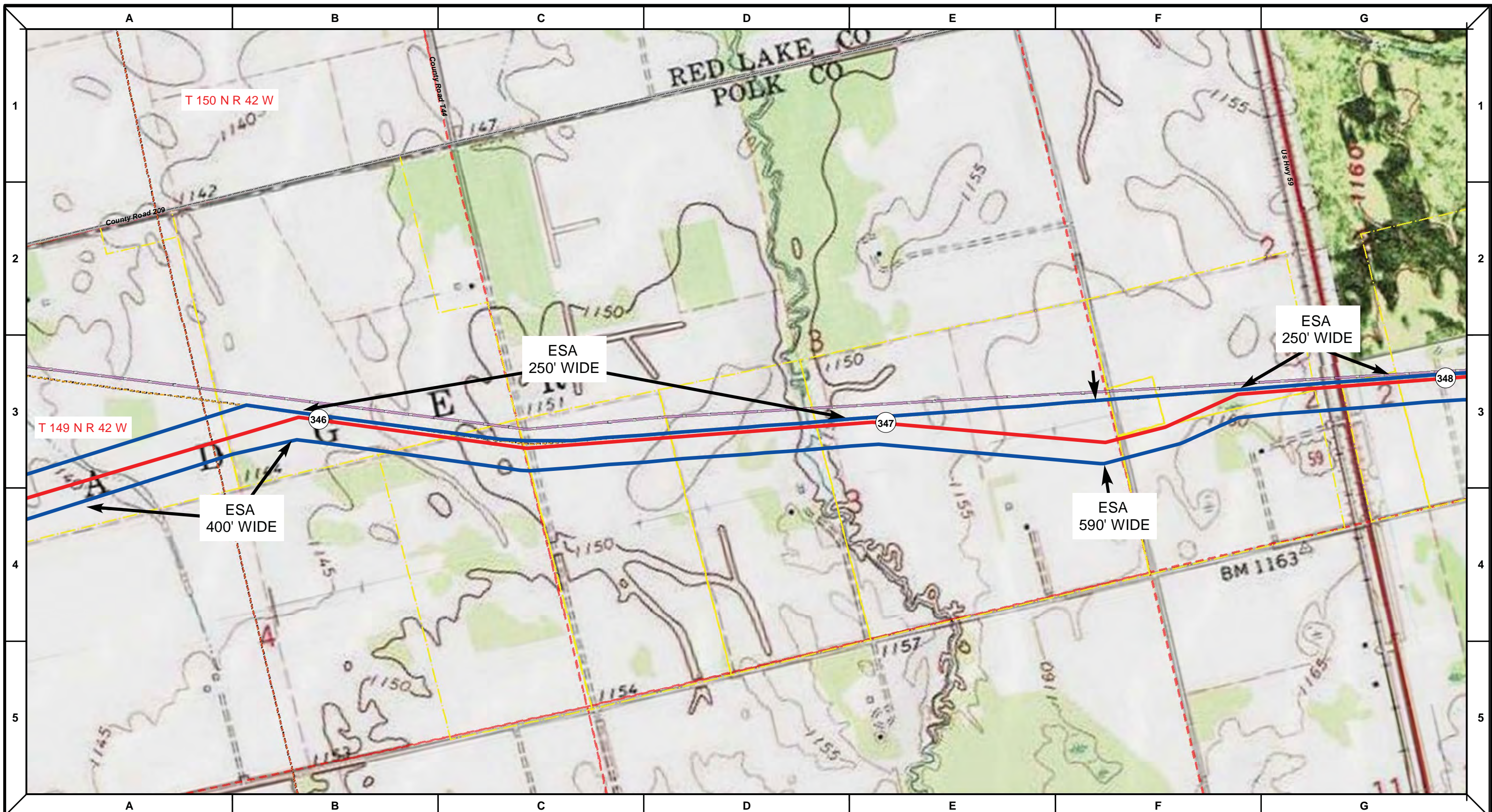
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NORTH DAKOTA PIPELINE COMPANY LLC

**PROPOSED SANDPIPER
PIPELINE PROJECT
ROUTE MAP
Red Lake & Polk County, MN**

DRAWN: MLB	CHECKED: --
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Spread:5 Map: 21 of 123



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

500 250 0 500 1,000 Feet

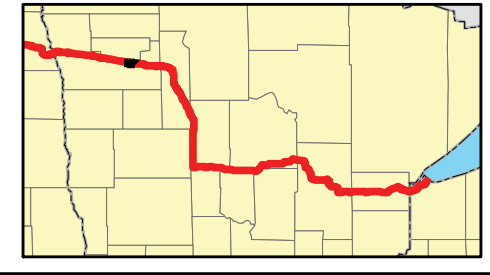
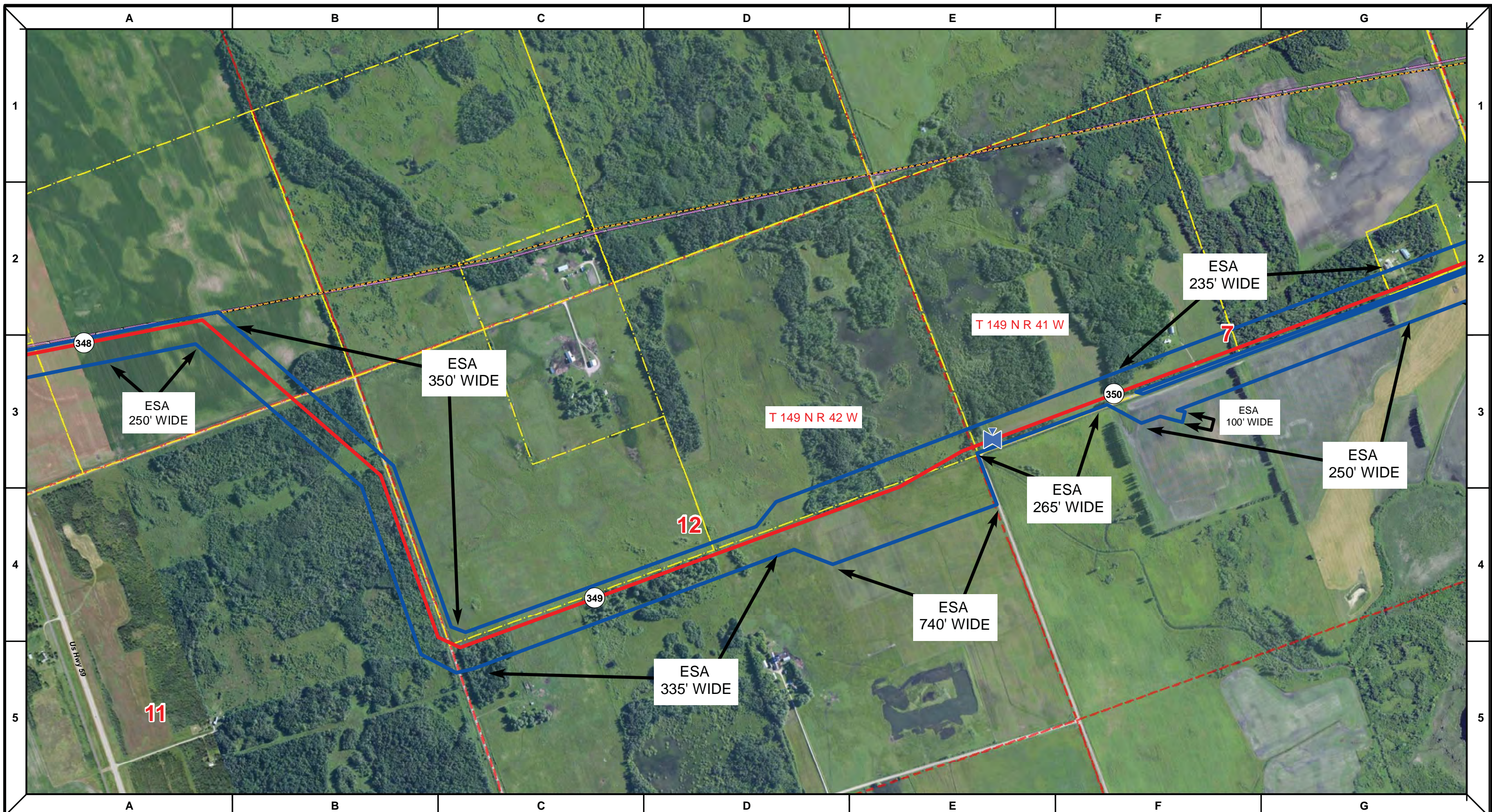
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NORTH DAKOTA PIPELINE COMPANY LLC

PROPOSED SANDPIPER PIPELINE PROJECT
ROUTE MAP
 Red Lake & Polk County, MN

DRAWN: MLB	CHECKED: --
DATE: Jan 30, 2014	SCALE: AS SHOWN

Spread:5 Map: 21 of 123



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

500 250 0 500 1,000 Feet

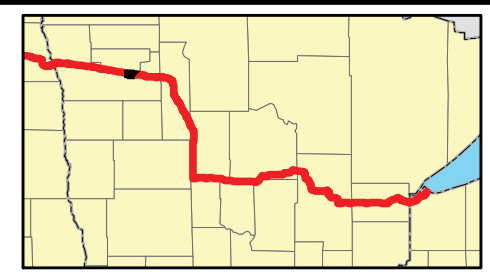
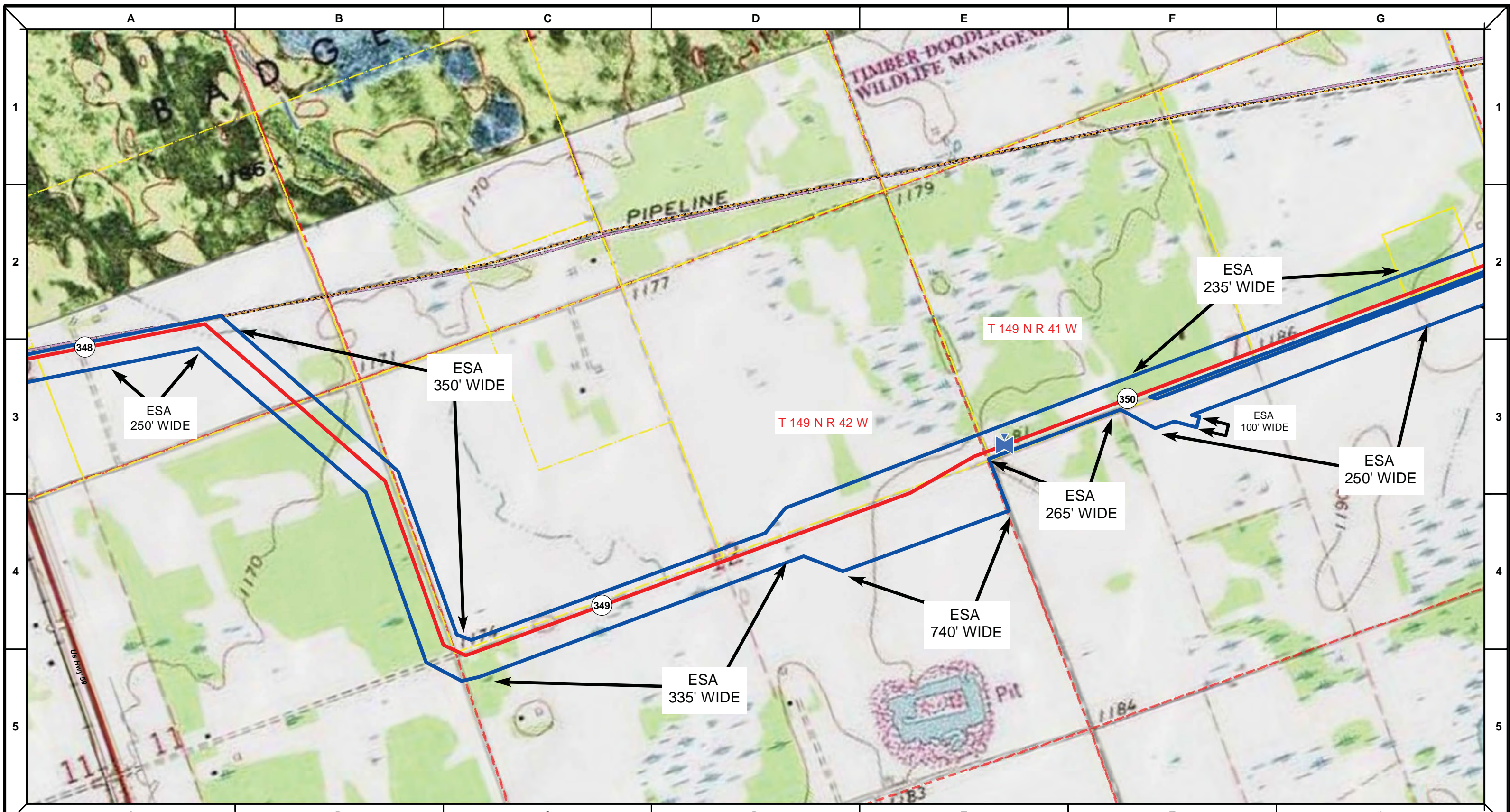
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ENBRIDGE
NORTH DAKOTA PIPELINE COMPANY LLC

**PROPOSED SANDPIPER
PIPELINE PROJECT
ROUTE MAP
Polk County, MN**

DRAWN: MLB	CHECKED: --
DATE: Jan 30, 2014	SCALE: AS SHOWN

Spread:5 Map: 22 of 123



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

500 250 0 500 1,000 Feet

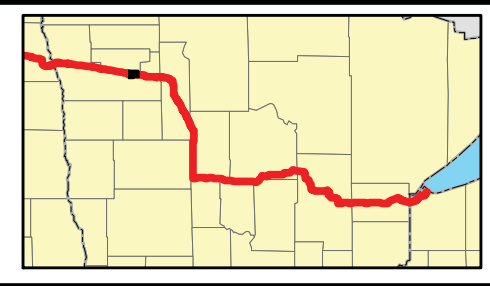
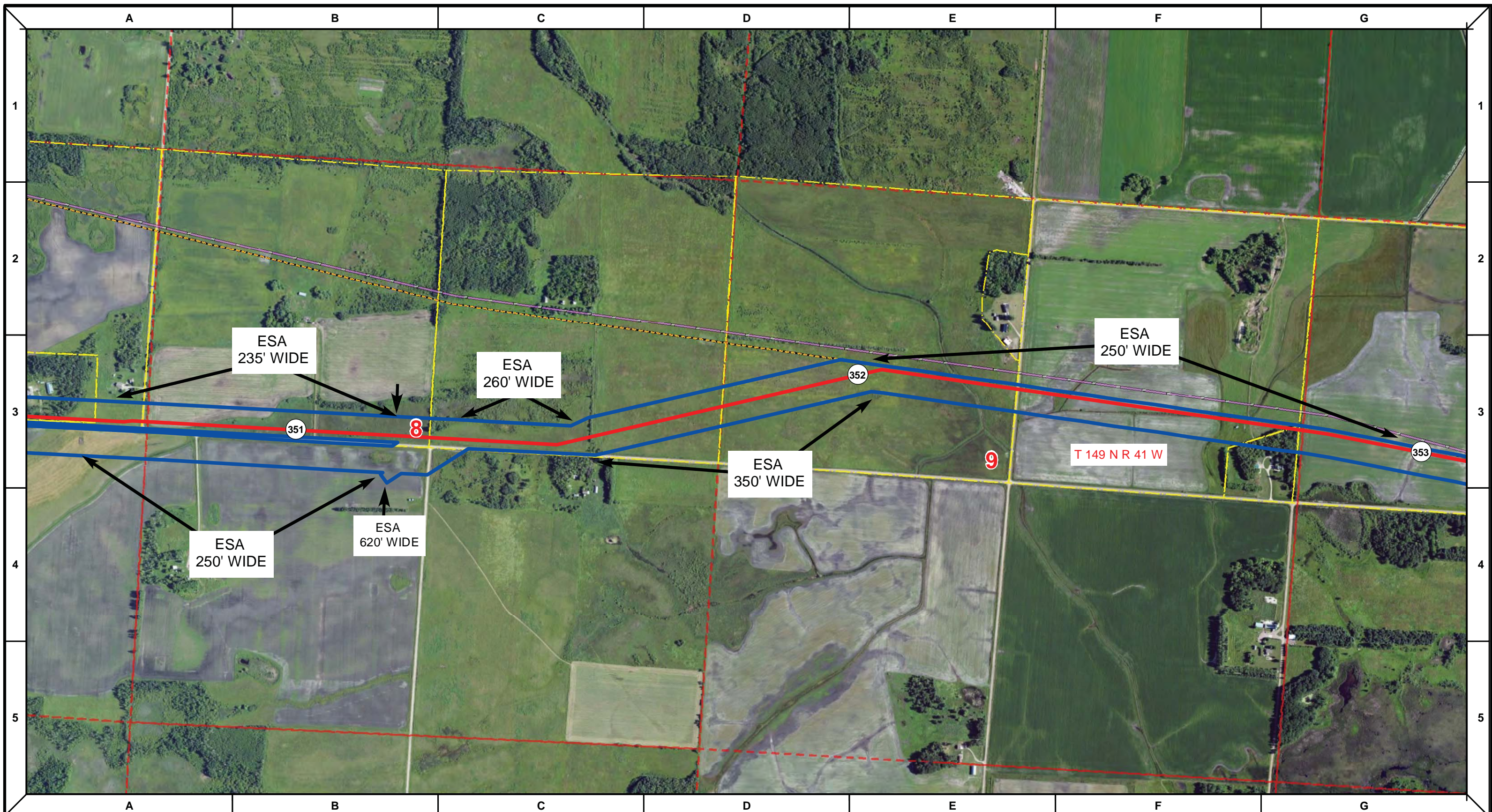
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			1/29/14	2	PUC Update - Revision D-2 Alignment
			12/19/13	1	PUC Update - Revision D Alignment
			10/10/13	0	PUC Submittal

ENBRIDGE
NORTH DAKOTA PIPELINE COMPANY LLC

**PROPOSED SANDPIPER
PIPELINE PROJECT
ROUTE MAP
Polk County, MN**

DRAWN: MLB	CHECKED: --
DATE: Jan 30, 2014	SCALE: AS SHOWN

Spread:5 Map: 22 of 123



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SPREAD BREAK		

500 250 0 500 1,000 Feet

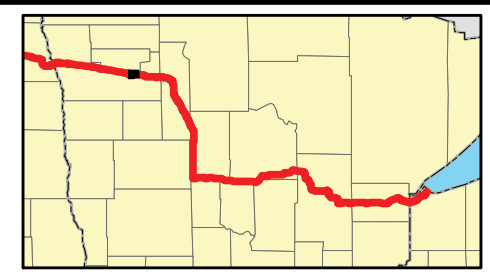
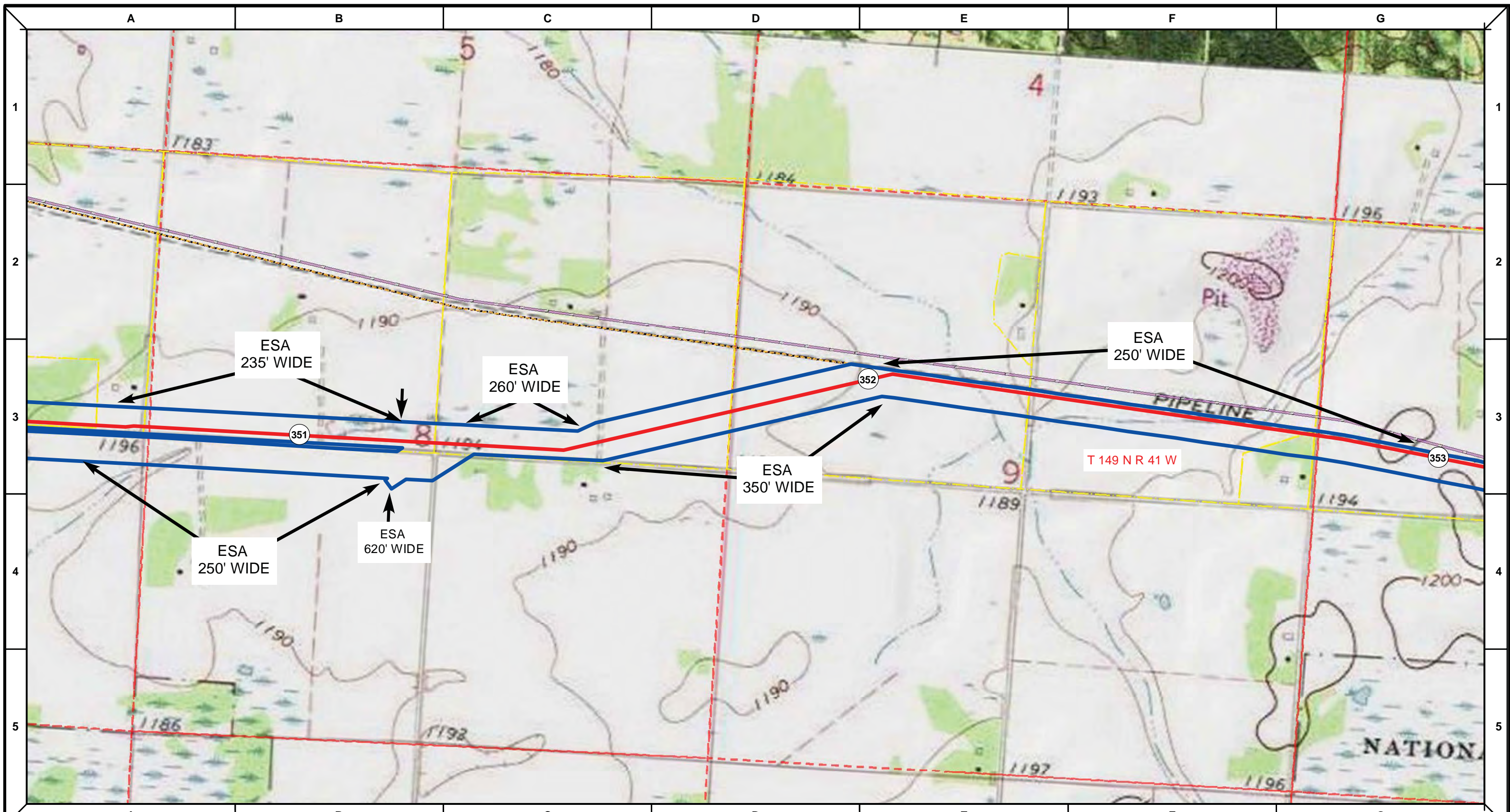
DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
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ENBRIDGE
NORTH DAKOTA PIPELINE COMPANY LLC

**PROPOSED SANDPIPER
PIPELINE PROJECT
ROUTE MAP
Polk County, MN**

DRAWN: MLB	CHECKED: --
DATE: Jan 30, 2014	SCALE: AS SHOWN

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NORTH DAKOTA PIPELINE COMPANY LLC

PROPOSED SANDPIPER PIPELINE PROJECT
 ROUTE MAP
 Polk County, MN

DRAWN: MLB	CHECKED: --
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Spread:5 Map: 23 of 123