

	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				

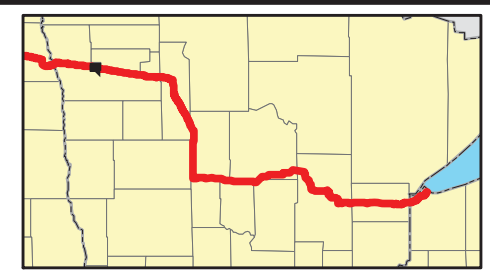
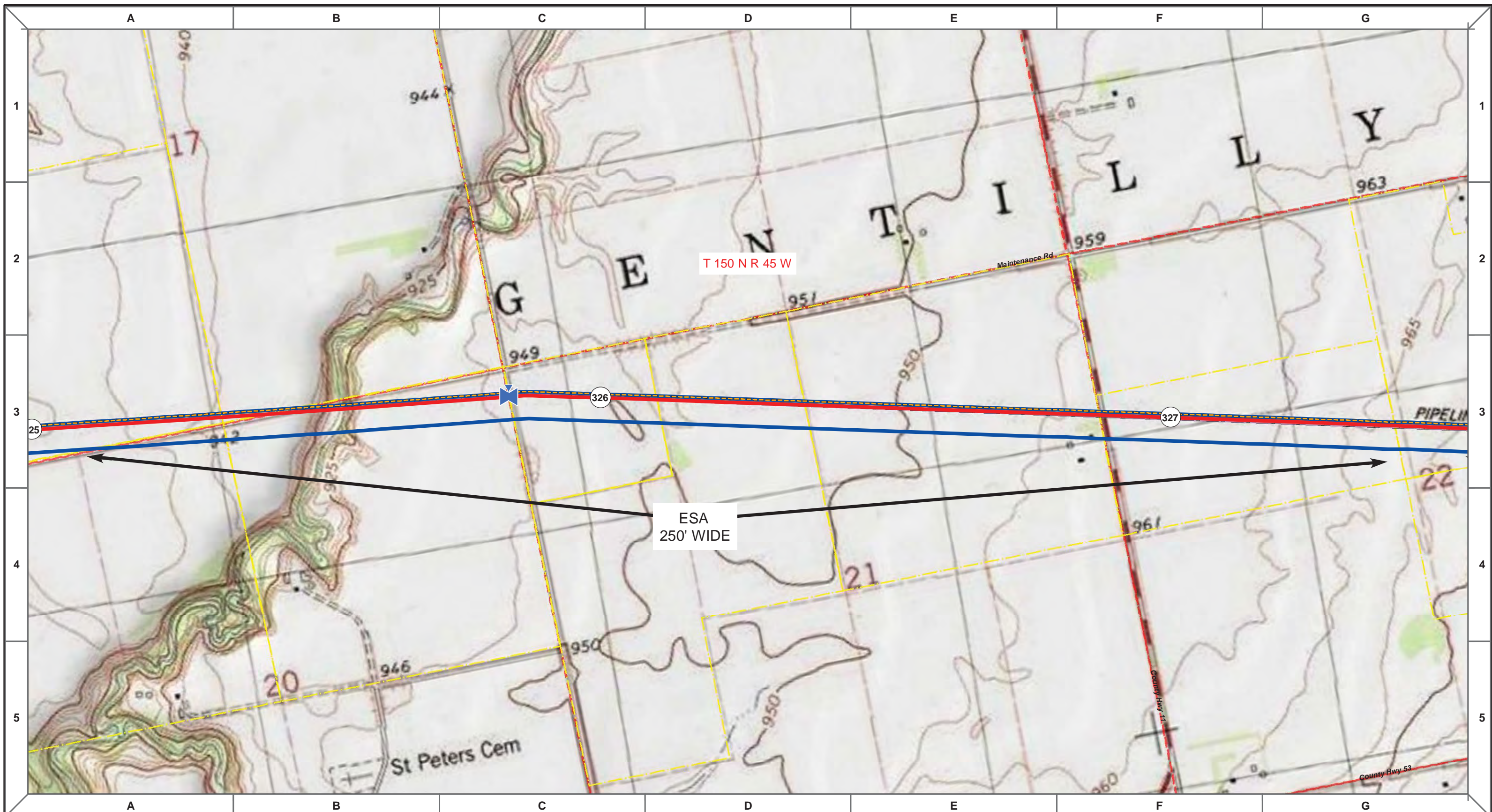
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DRAWN	CHECKED	APPROVED	DATE	REV NO.		DESCRIPTION

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

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

<small>DRAWN:</small> MLB	<small>CHECKED:</small> --
<small>DATE:</small> Oct 18, 2013	<small>SCALE:</small> AS SHOWN

Spread:5
Map: 13 of 128



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

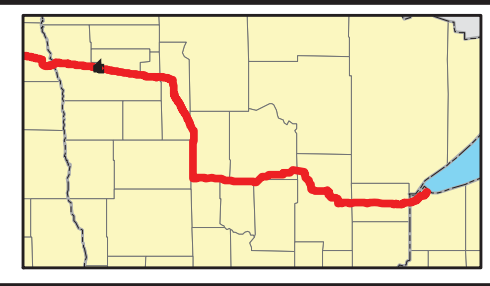
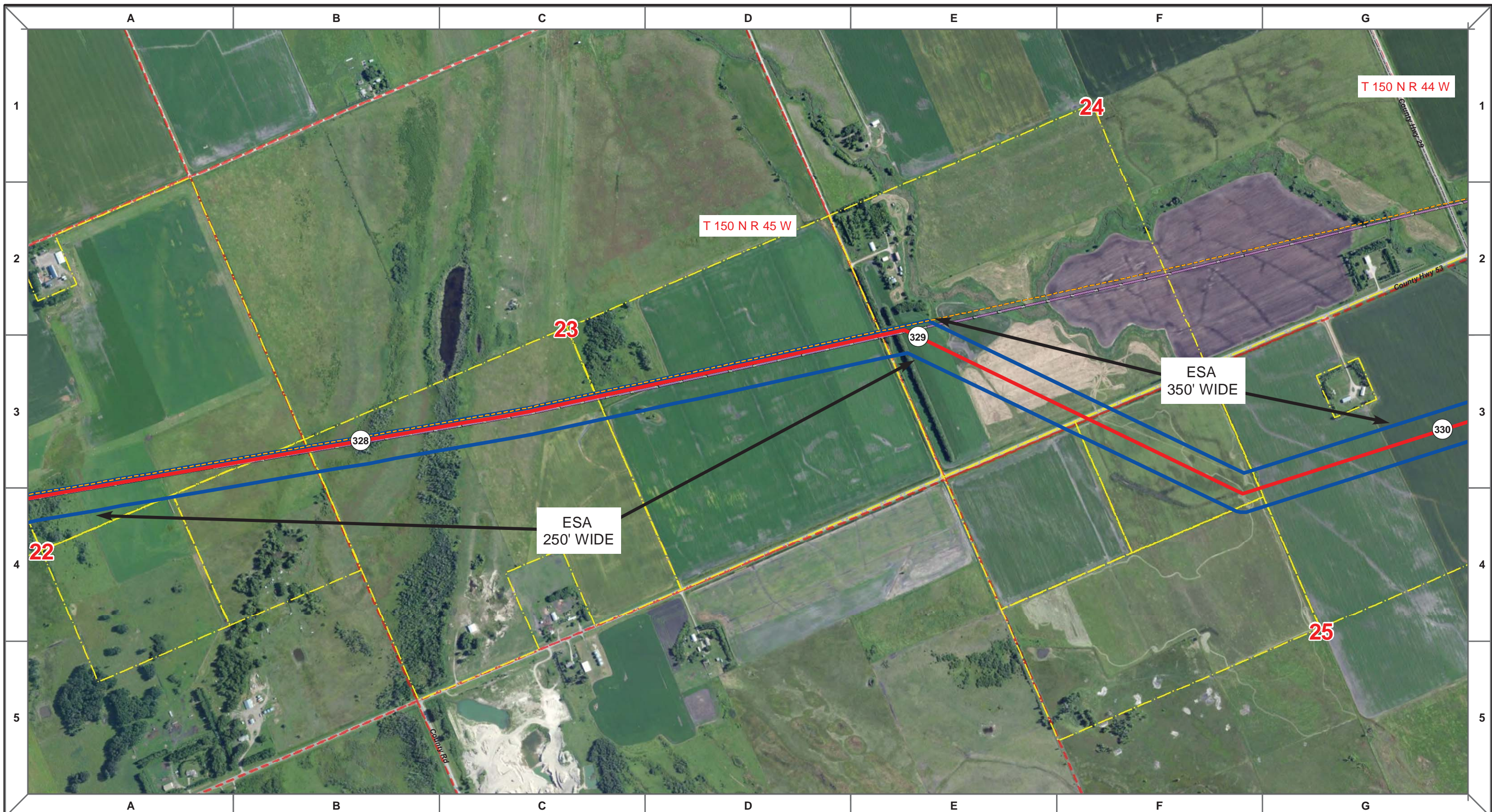
MLB	DATE	REV NO.	DESCRIPTION
	10/10/13	0	PUC Submittal

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

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

DRAWN: MLB	CHECKED: --
DATE: Oct 18, 2013	SCALE: AS SHOWN

Spread:5 Map: 13 of 128



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

MLB	DATE	REV NO.	DESCRIPTION
	10/10/13	0	PUC Submittal

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

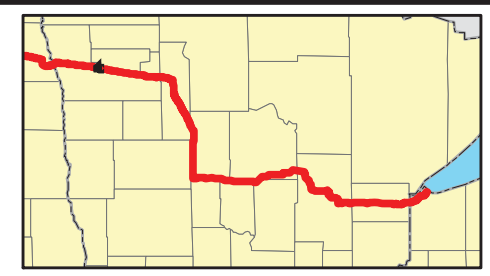
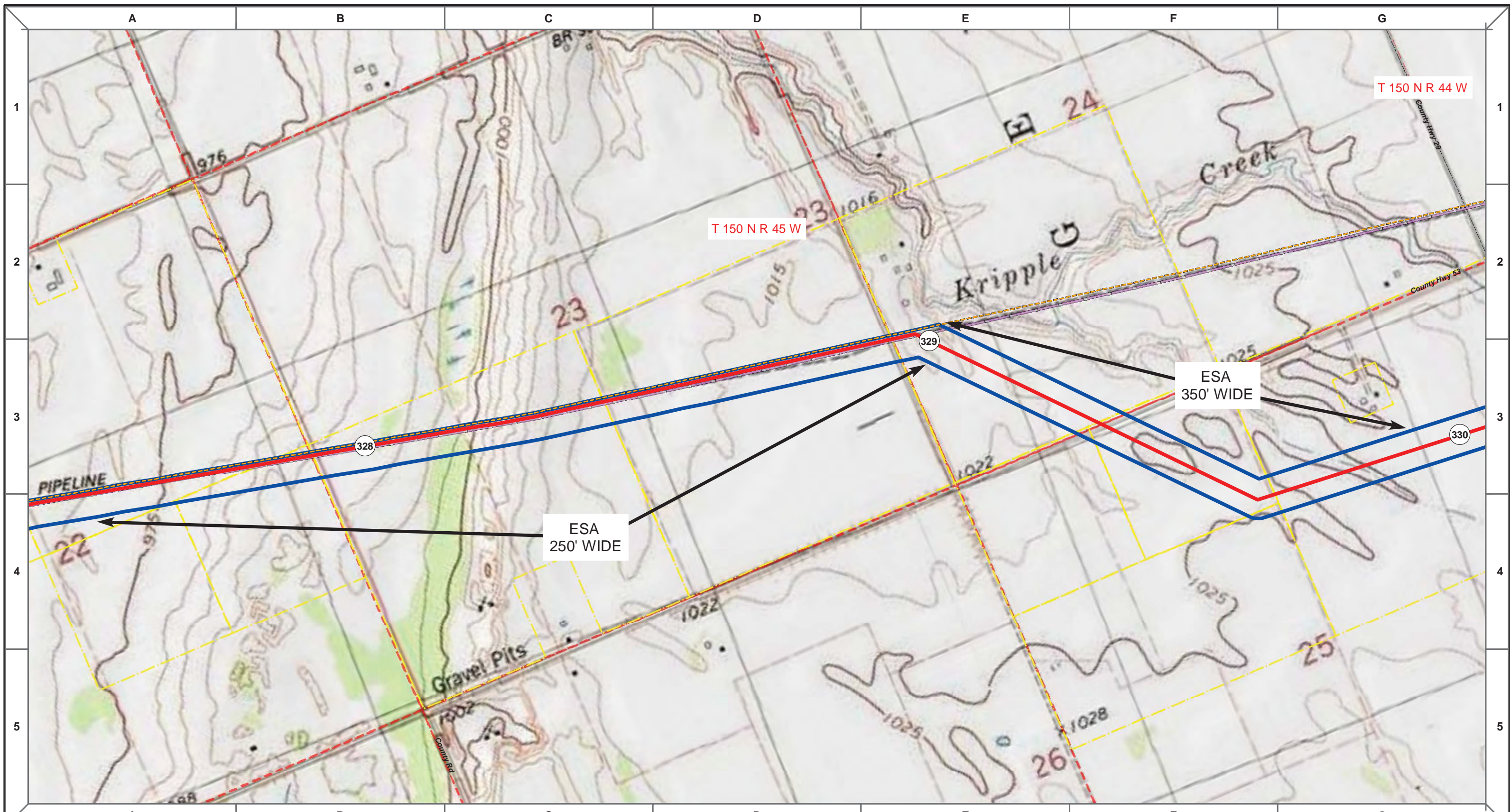
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP

Polk County, MN

DRAWN: MLB	CHECKED: --
DATE: Oct 18, 2013	SCALE: AS SHOWN

Spread:5 Map: 14 of 128



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

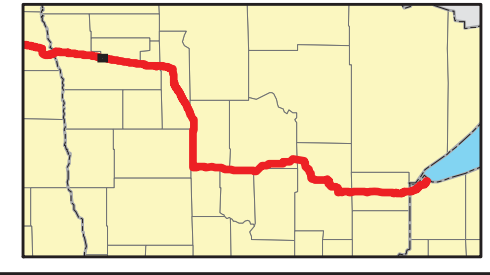
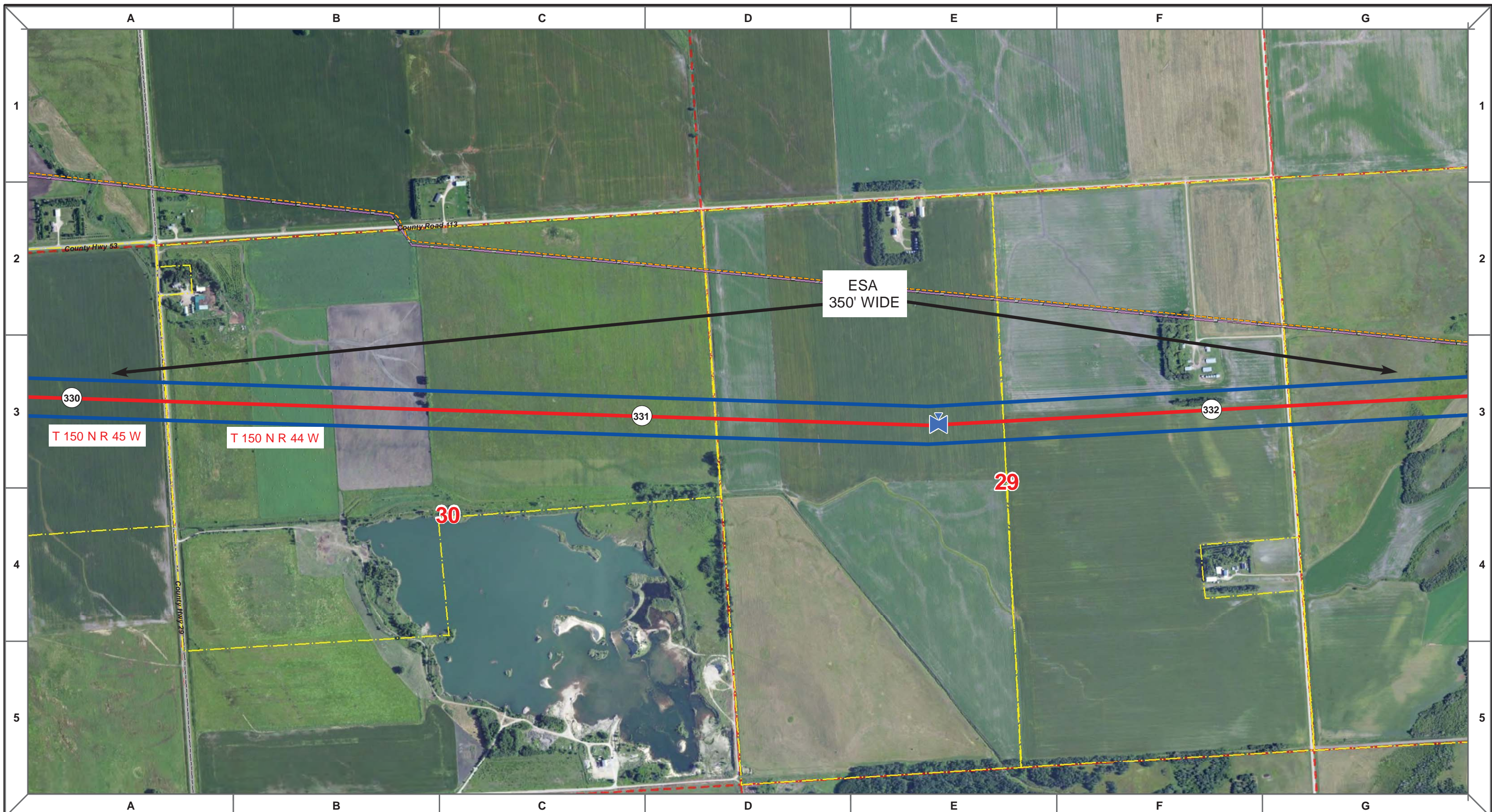
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ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT
ROUTE MAP
Polk County, MN

<small>DRAWN:</small> MLB	<small>CHECKED:</small> --
<small>DATE:</small> Oct 18, 2013	<small>SCALE:</small> AS SHOWN

Spread:5 Map: 14 of 128



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		

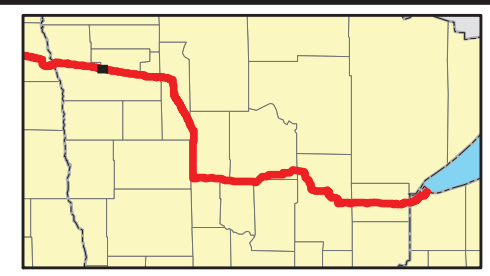
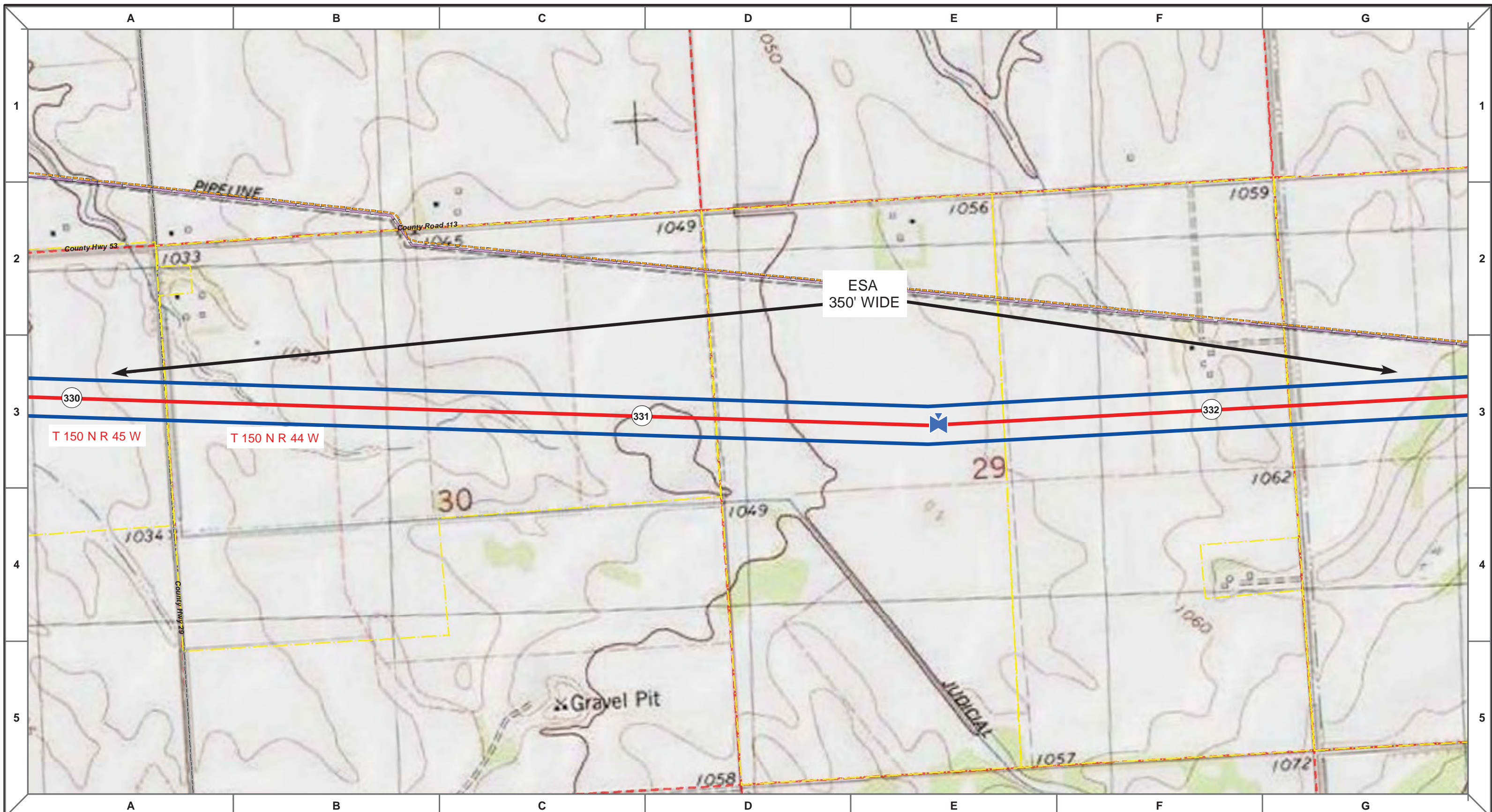
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ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

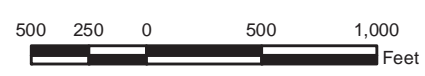
**PROPOSED SANDPIPER
PIPELINE PROJECT
ROUTE MAP
Polk & Red Lake County, MN**

<small>DRAWN:</small> MLB	<small>CHECKED:</small> --
<small>DATE:</small> Nov 05, 2013	<small>SCALE:</small> AS SHOWN

Spread:5 Map: 15 of 128



- Proposed Pipeline - 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



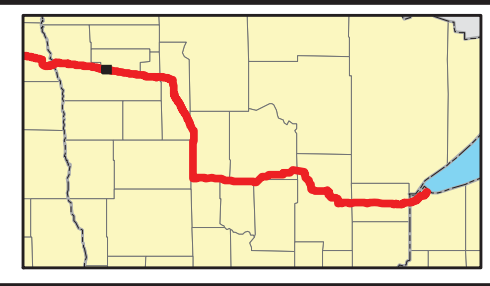
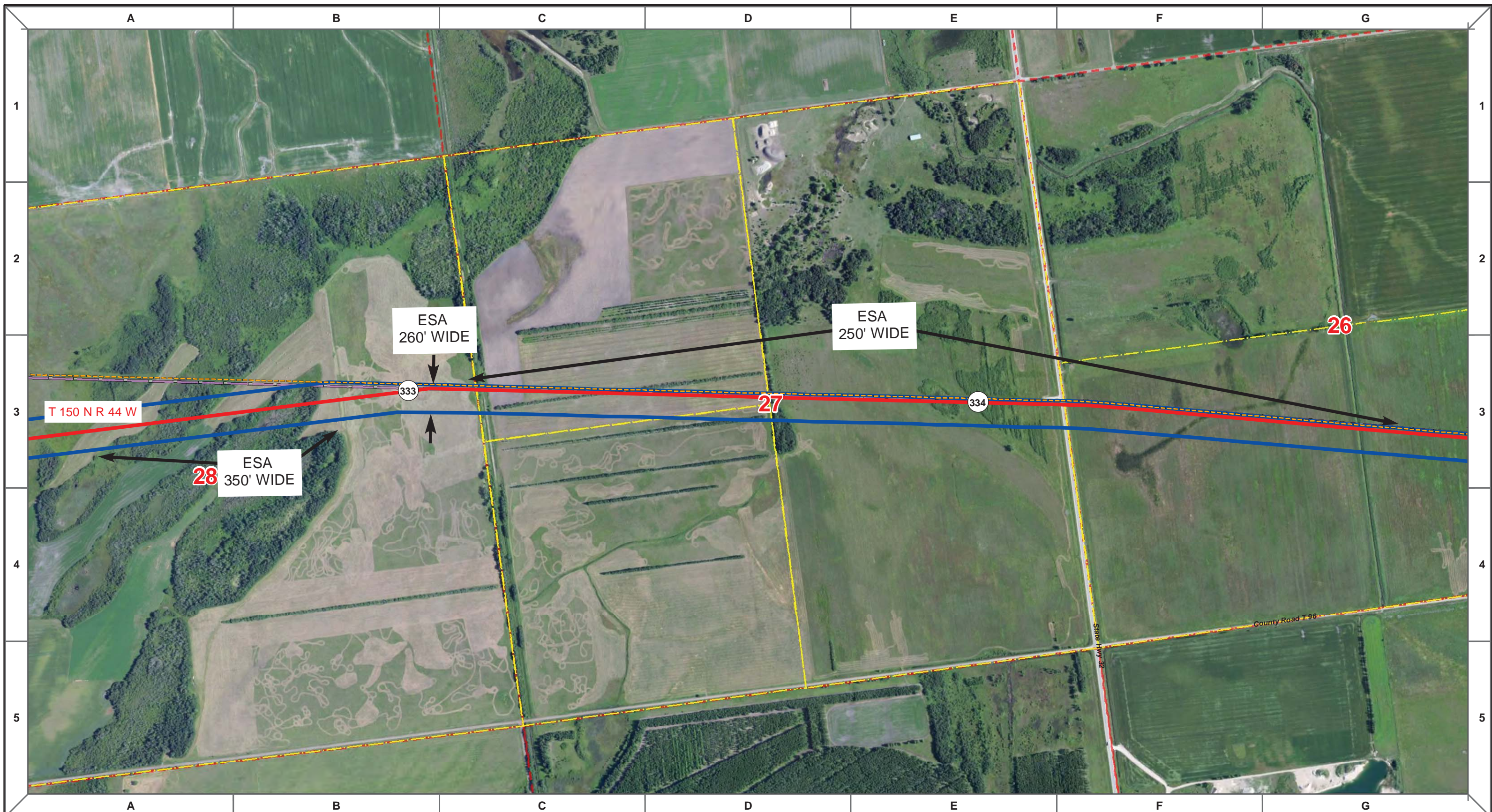
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DRAWN	CHECKED	APPROVED	DATE	REV NO.			DESCRIPTION

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

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

DRAWN: <i>MLB</i>	CHECKED: <i>--</i>
DATE: <i>Nov 05, 2013</i>	SCALE: <i>AS SHOWN</i>

Spread:5
Map: 15 of 128



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

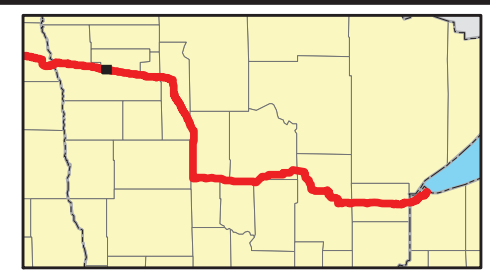
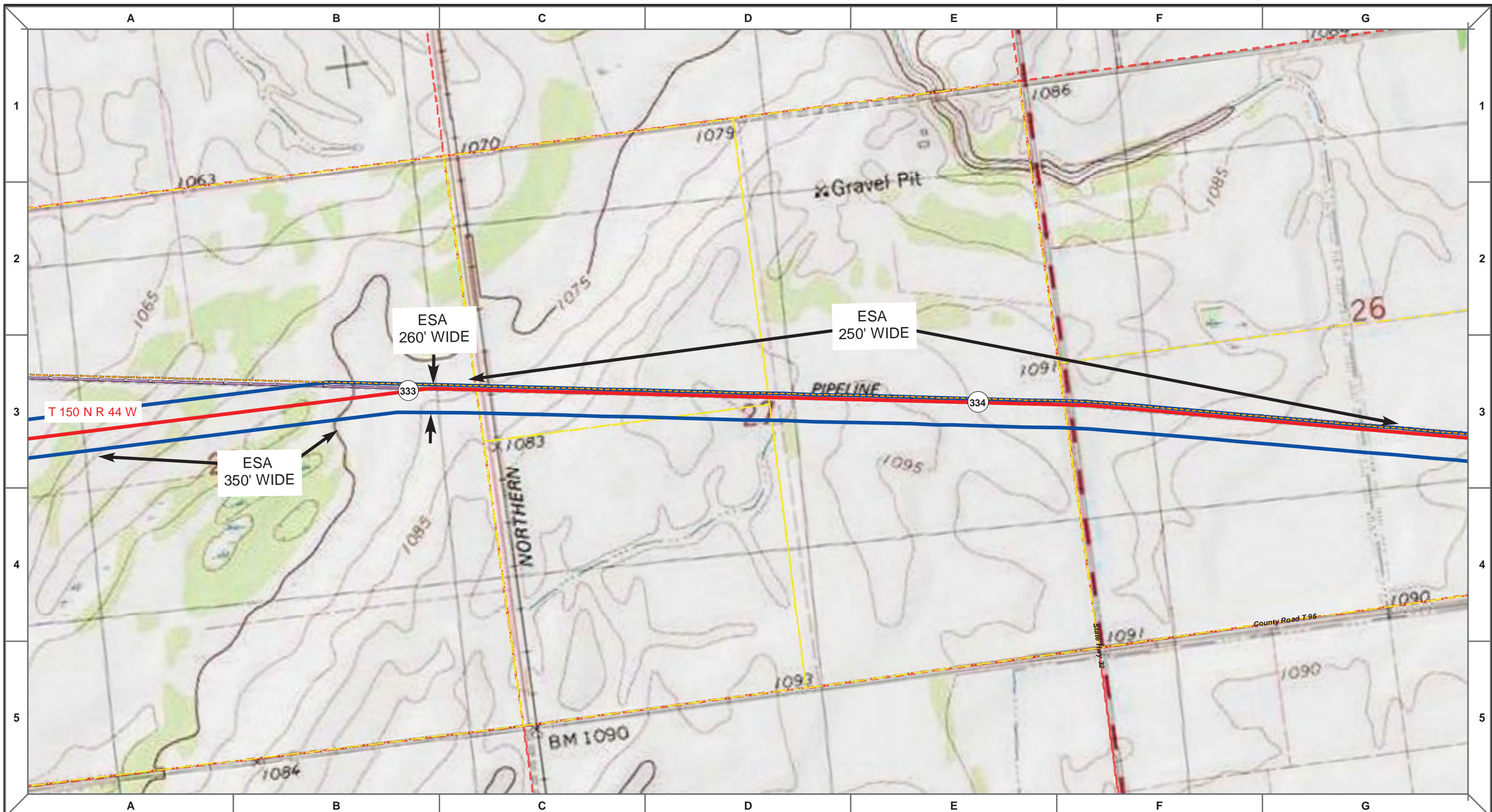
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MLB			10/10/13	0	PUC Submittal

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT
ROUTE MAP
Polk County, MN

<small>DRAWN:</small> MLB	<small>CHECKED:</small> --
<small>DATE:</small> Oct 18, 2013	<small>SCALE:</small> AS SHOWN

Spread:5
Map: 16 of 128



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

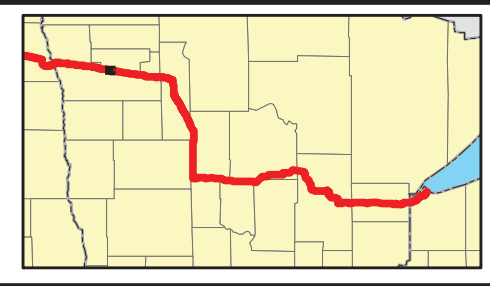
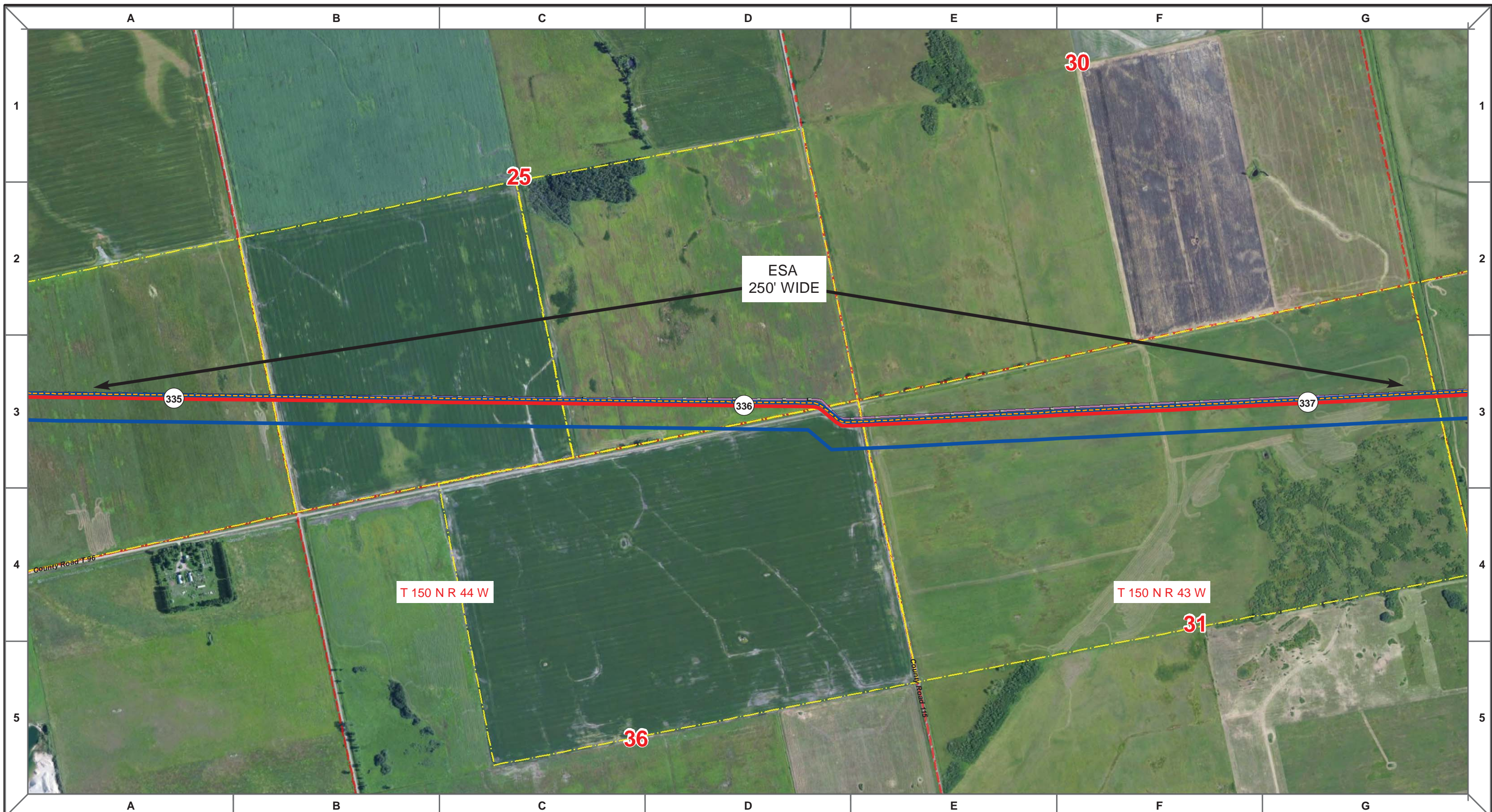
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ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

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

DRAWN: MLB	CHECKED: --
DATE: Oct 18, 2013	SCALE: AS SHOWN

Spread:5 Map: 16 of 128



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

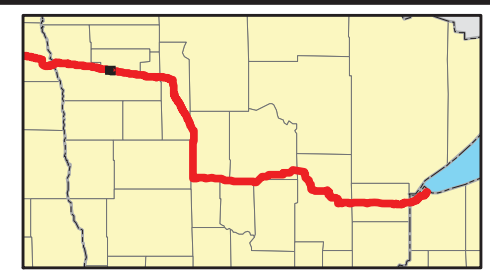
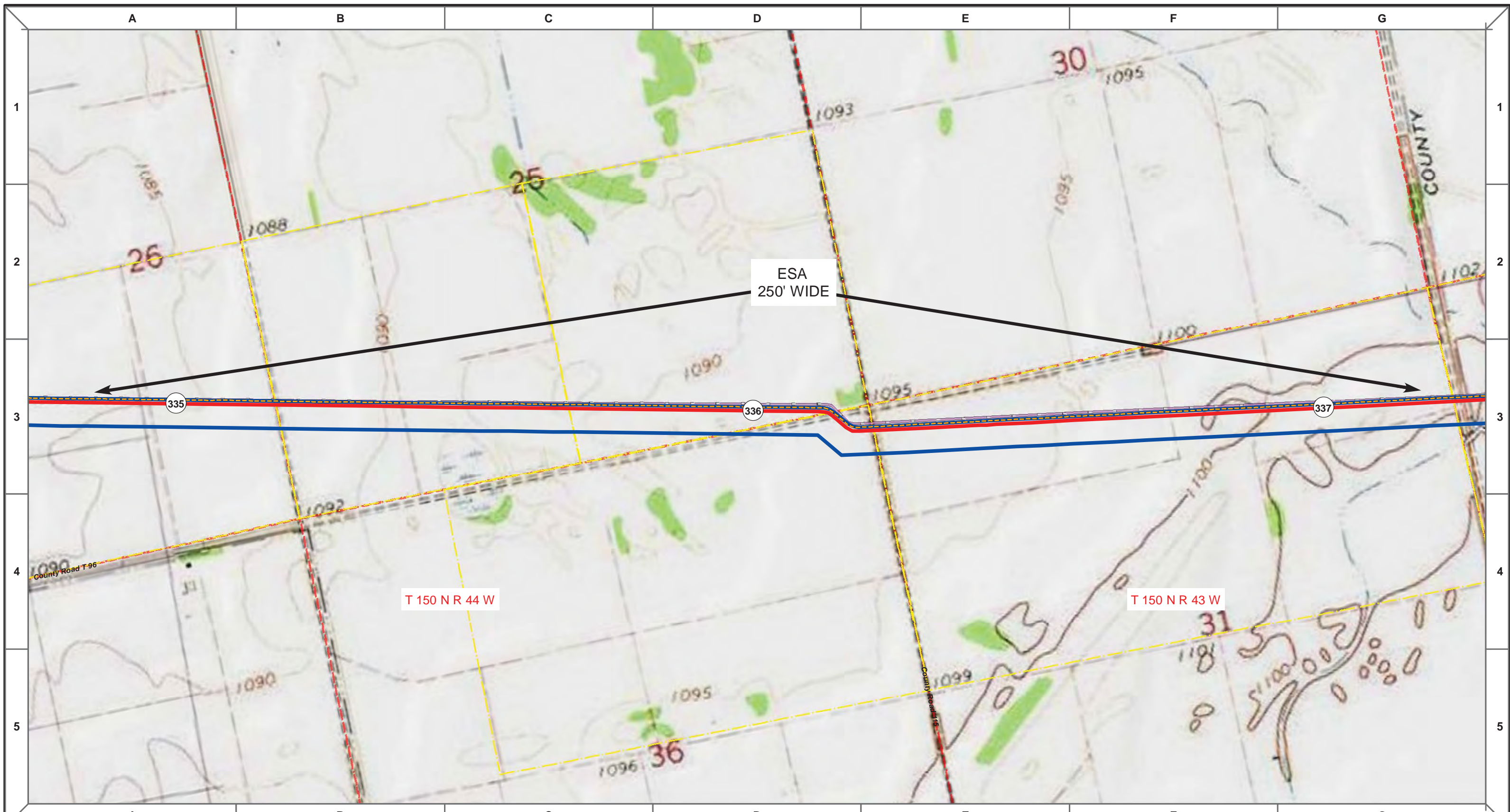
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MLB			10/10/13	0	PUC Submittal

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

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

<small>DRAWN:</small> MLB	<small>CHECKED:</small> --
<small>DATE:</small> Oct 18, 2013	<small>SCALE:</small> AS SHOWN

Spread:5 Map: 17 of 128



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

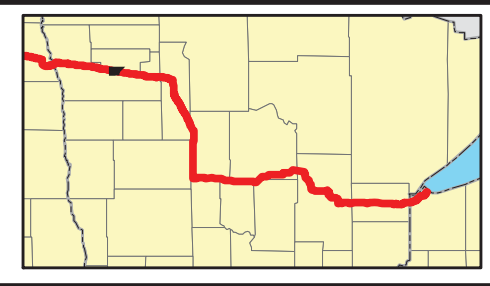
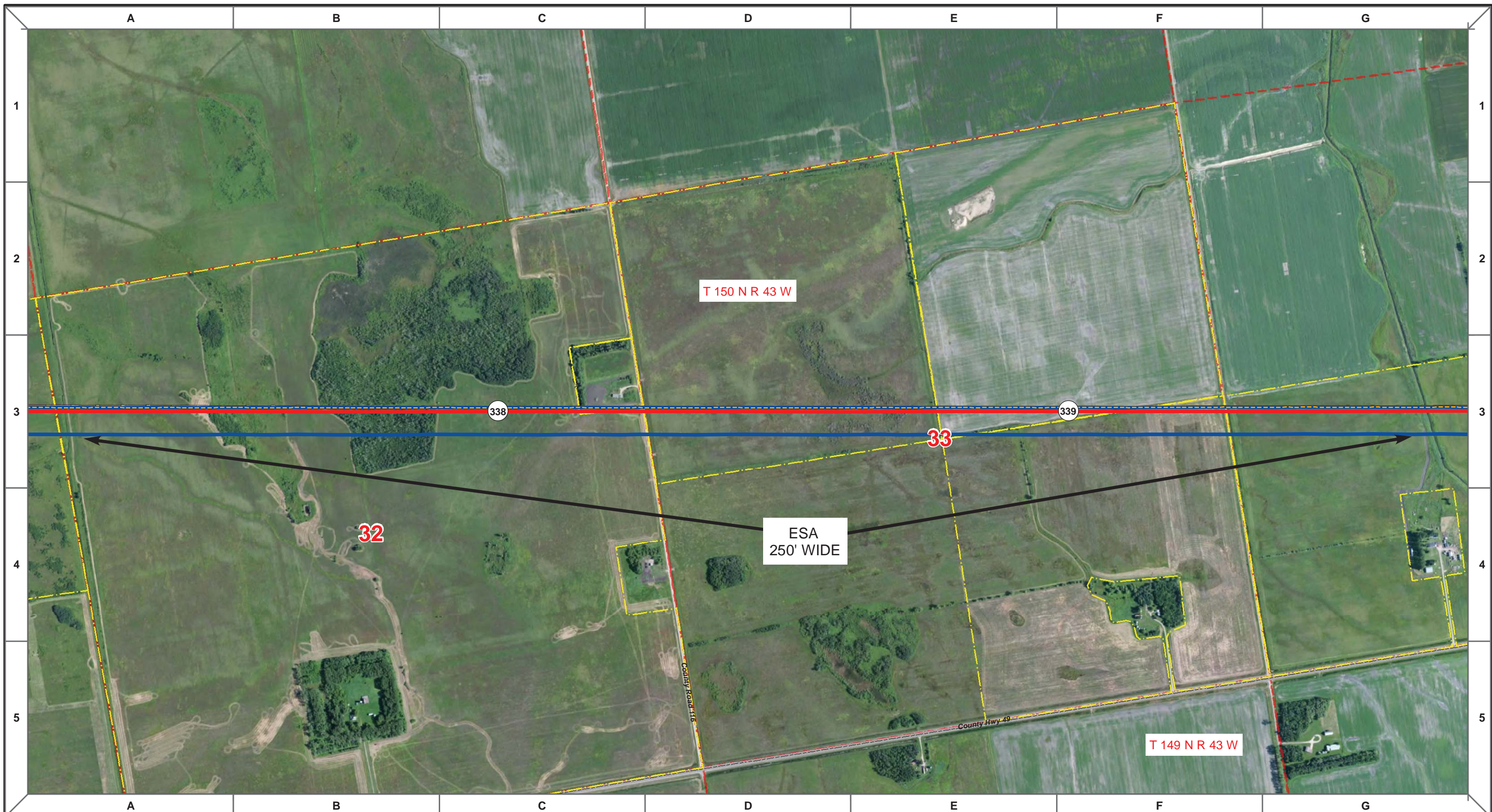
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ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT
ROUTE MAP
Polk County, MN

DRAWN: MLB	CHECKED: --
DATE: Oct 18, 2013	SCALE: AS SHOWN

Spread:5 Map: 17 of 128



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		

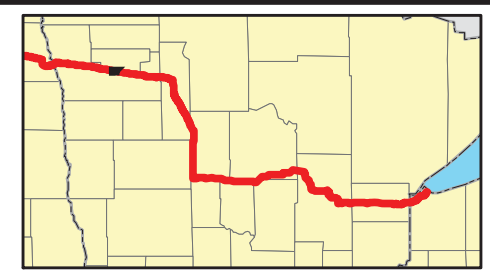
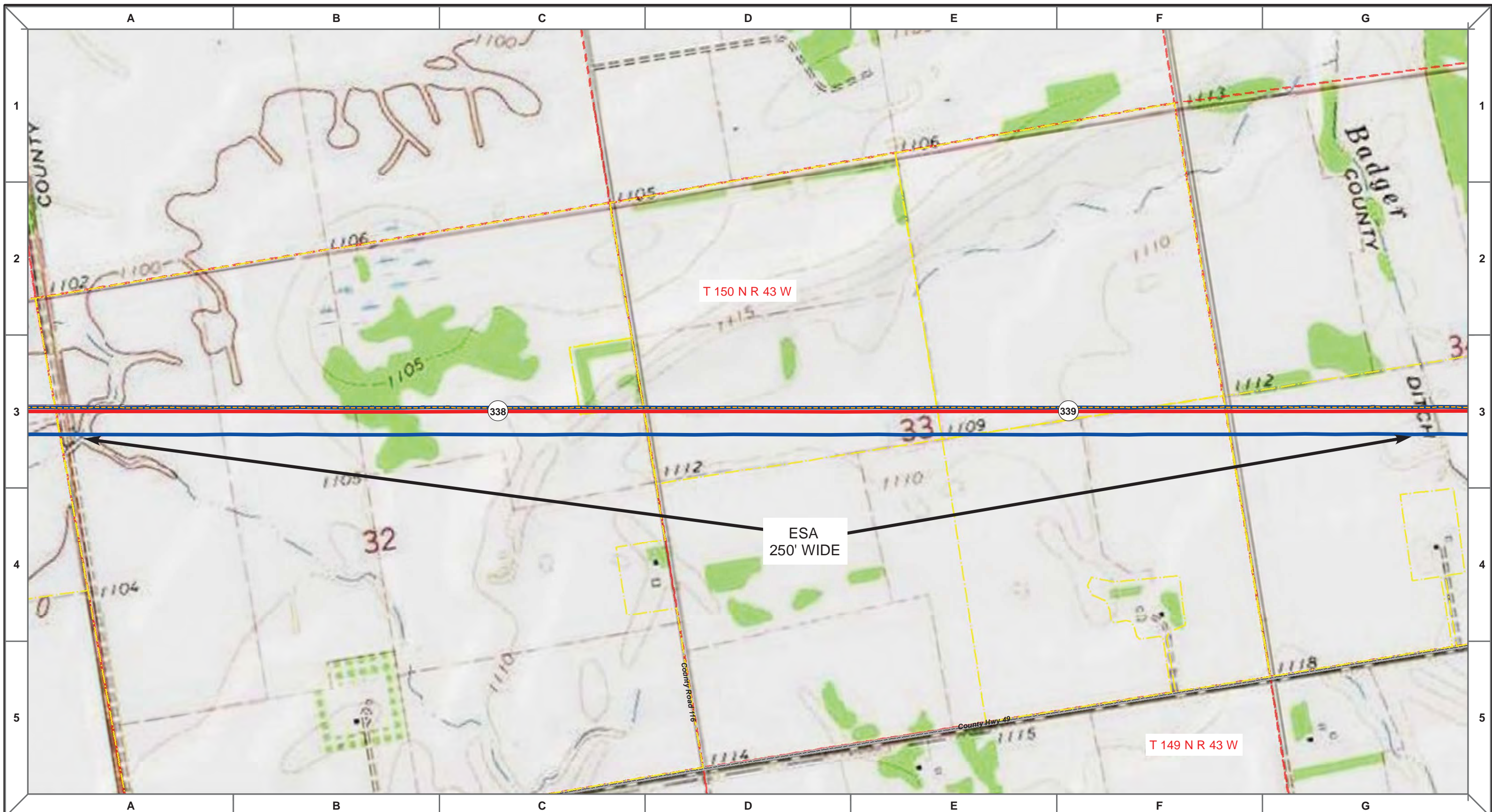
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ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

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

DRAWN: MLB	CHECKED: --
DATE: Oct 18, 2013	SCALE: AS SHOWN

Spread:5 Map: 18 of 128



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

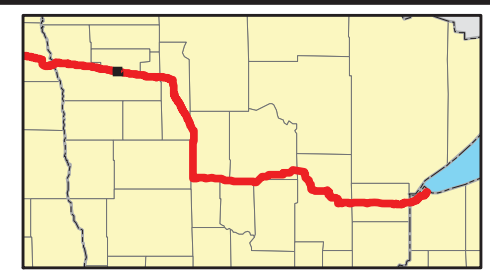
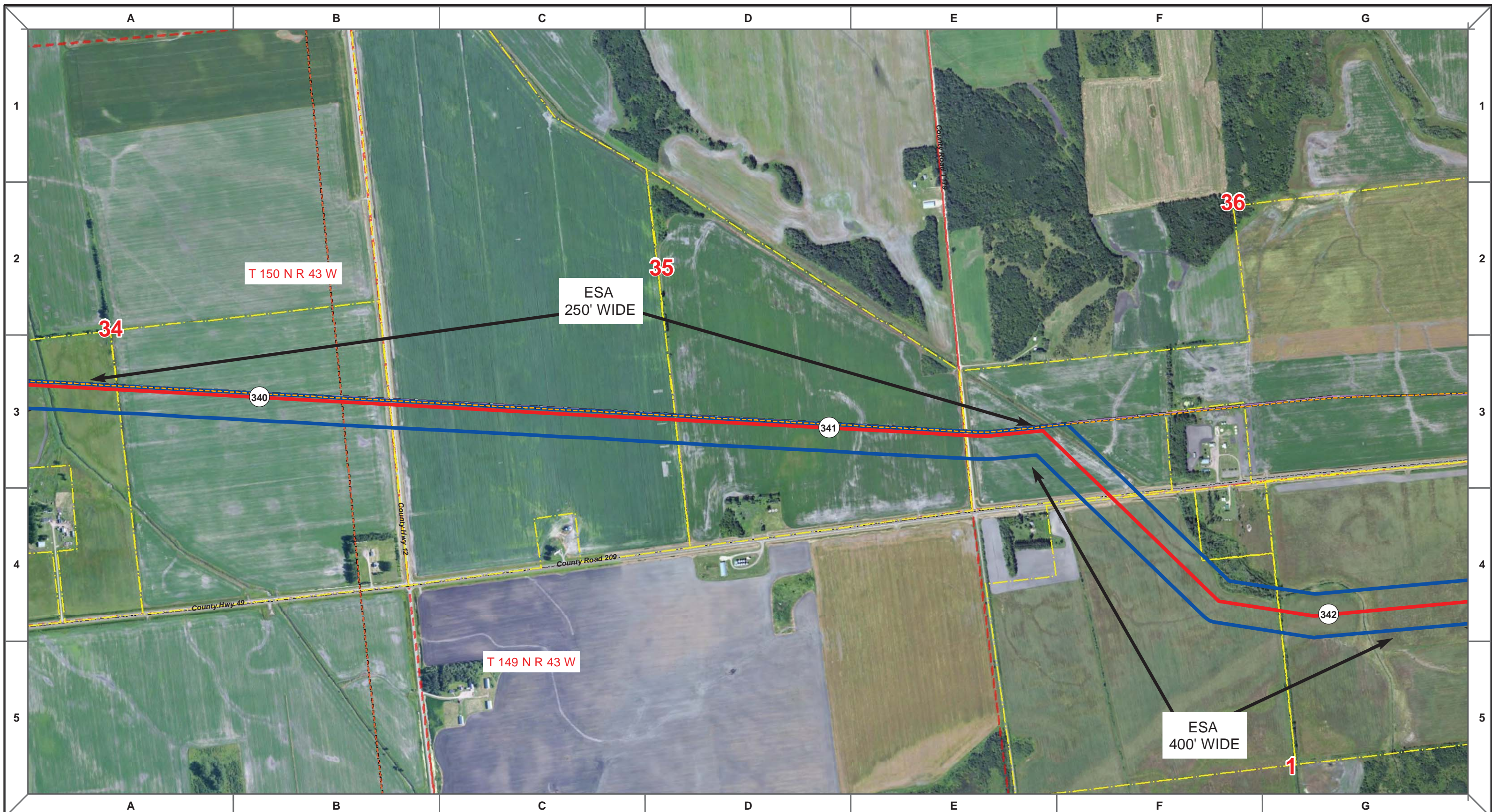
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ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

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

<small>DRAWN:</small> MLB	<small>CHECKED:</small> --
<small>DATE:</small> Oct 18, 2013	<small>SCALE:</small> AS SHOWN

Spread:5 Map: 18 of 128



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

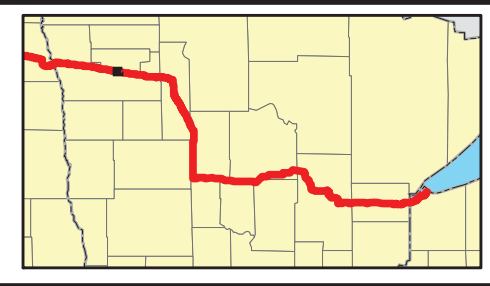
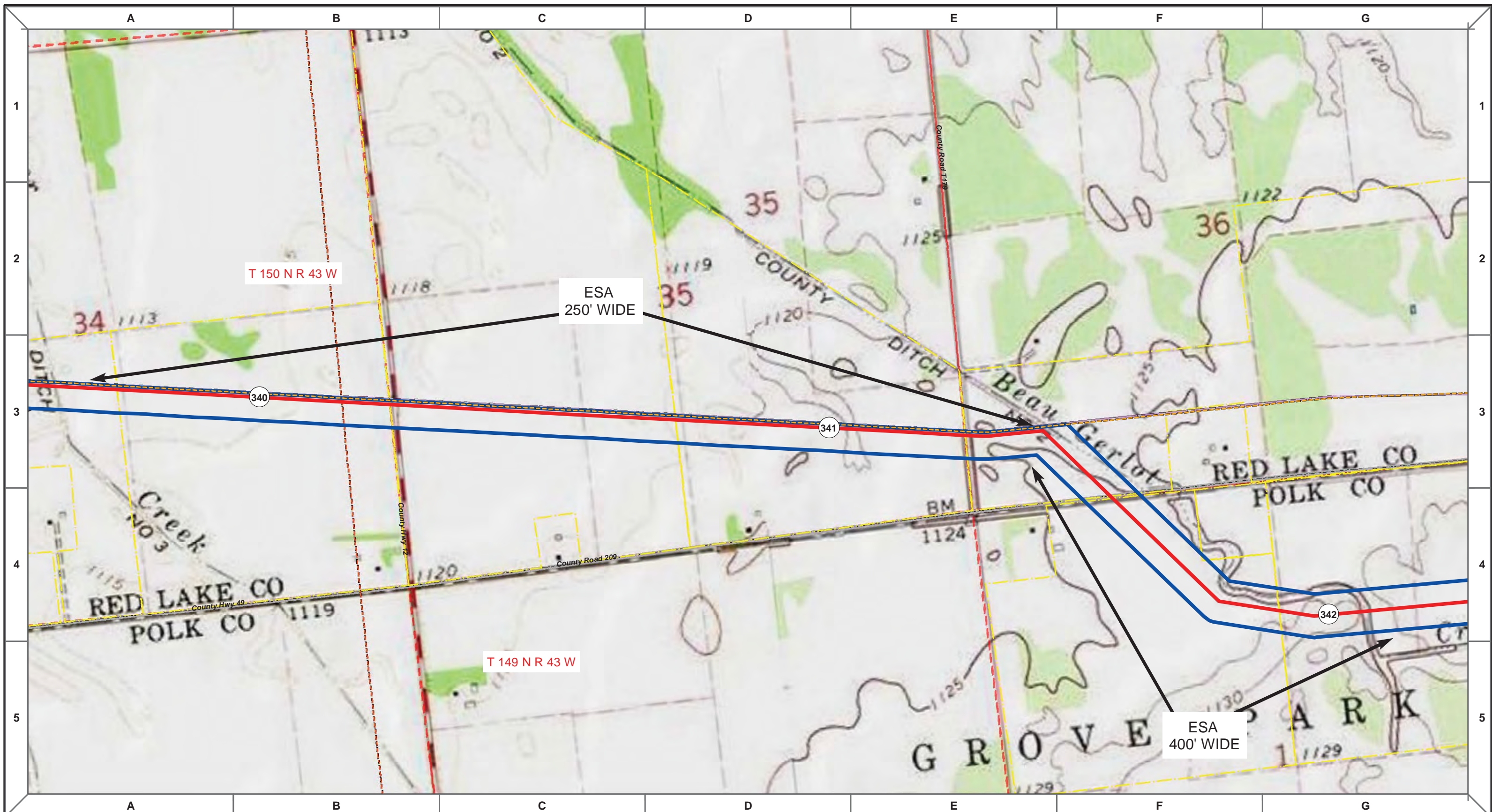
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ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

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

DRAWN: <i>MLB</i>	CHECKED: <i>--</i>
DATE: <i>Oct 18, 2013</i>	SCALE: <i>AS SHOWN</i>

Spread:5 Map: 19 of 128



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

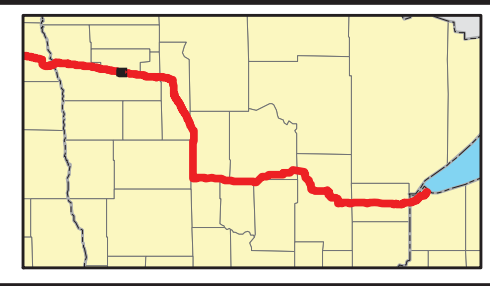
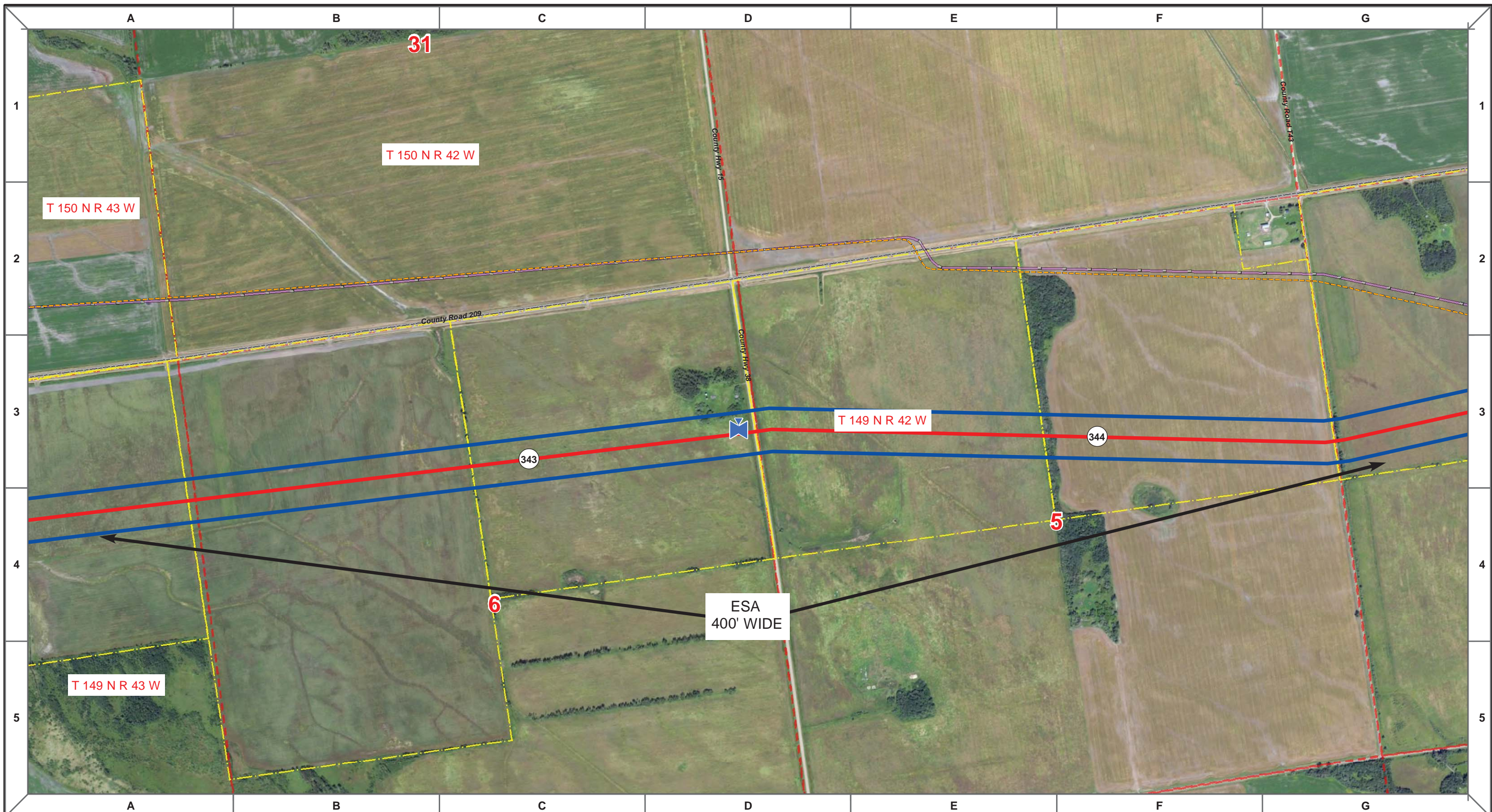
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ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

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

DRAWN: MLB	CHECKED: --
DATE: Oct 18, 2013	SCALE: AS SHOWN

Spread:5 Map: 19 of 128



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		

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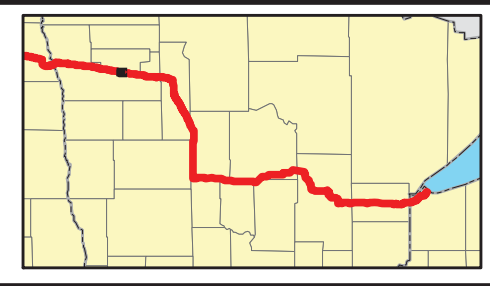
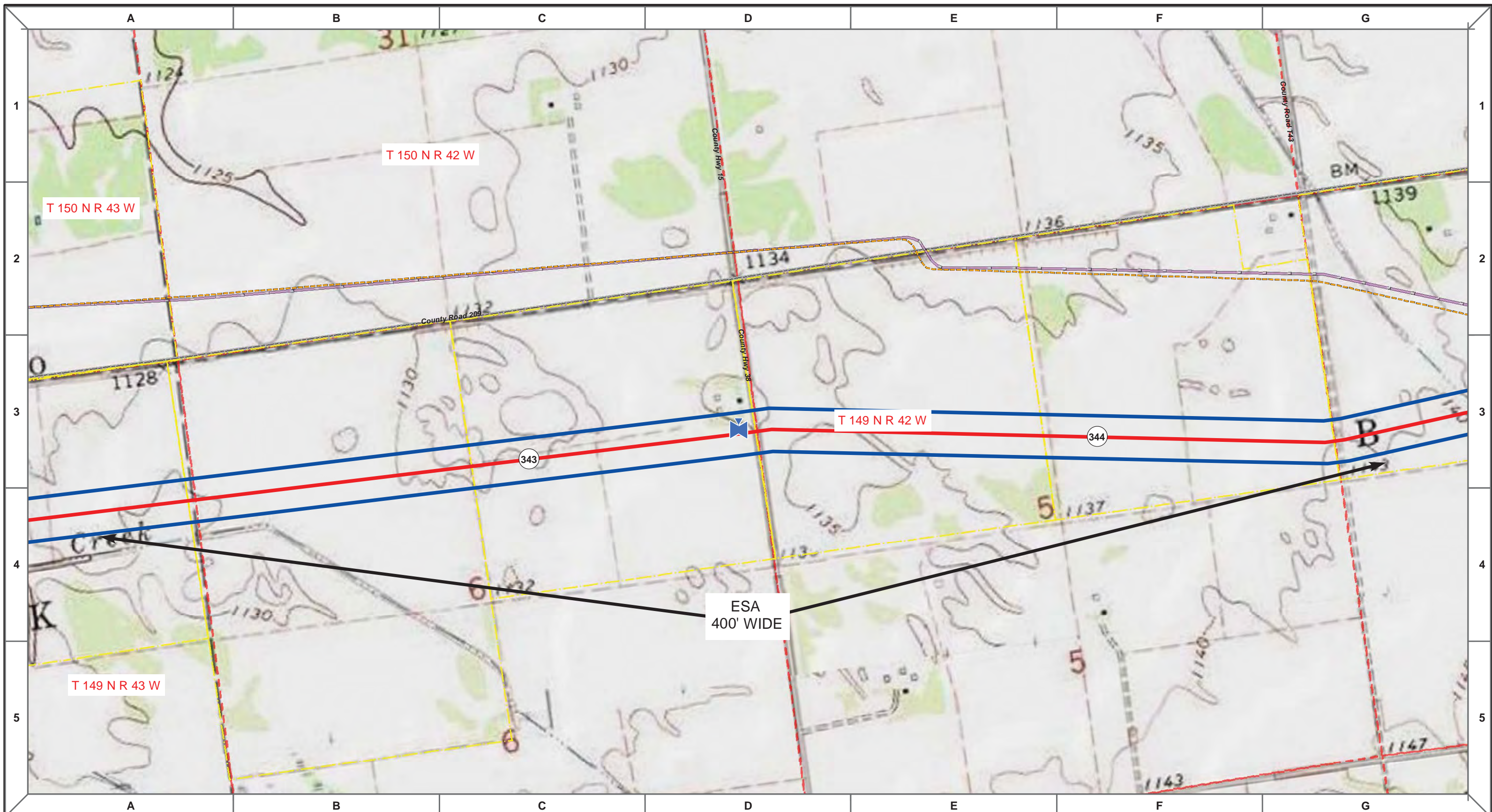
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ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

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

DRAWN: <i>MLB</i>	CHECKED: <i>--</i>
DATE: <i>Oct 18, 2013</i>	SCALE: <i>AS SHOWN</i>

Spread:5 Map: 20 of 128



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

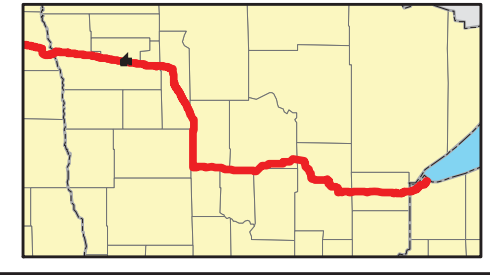
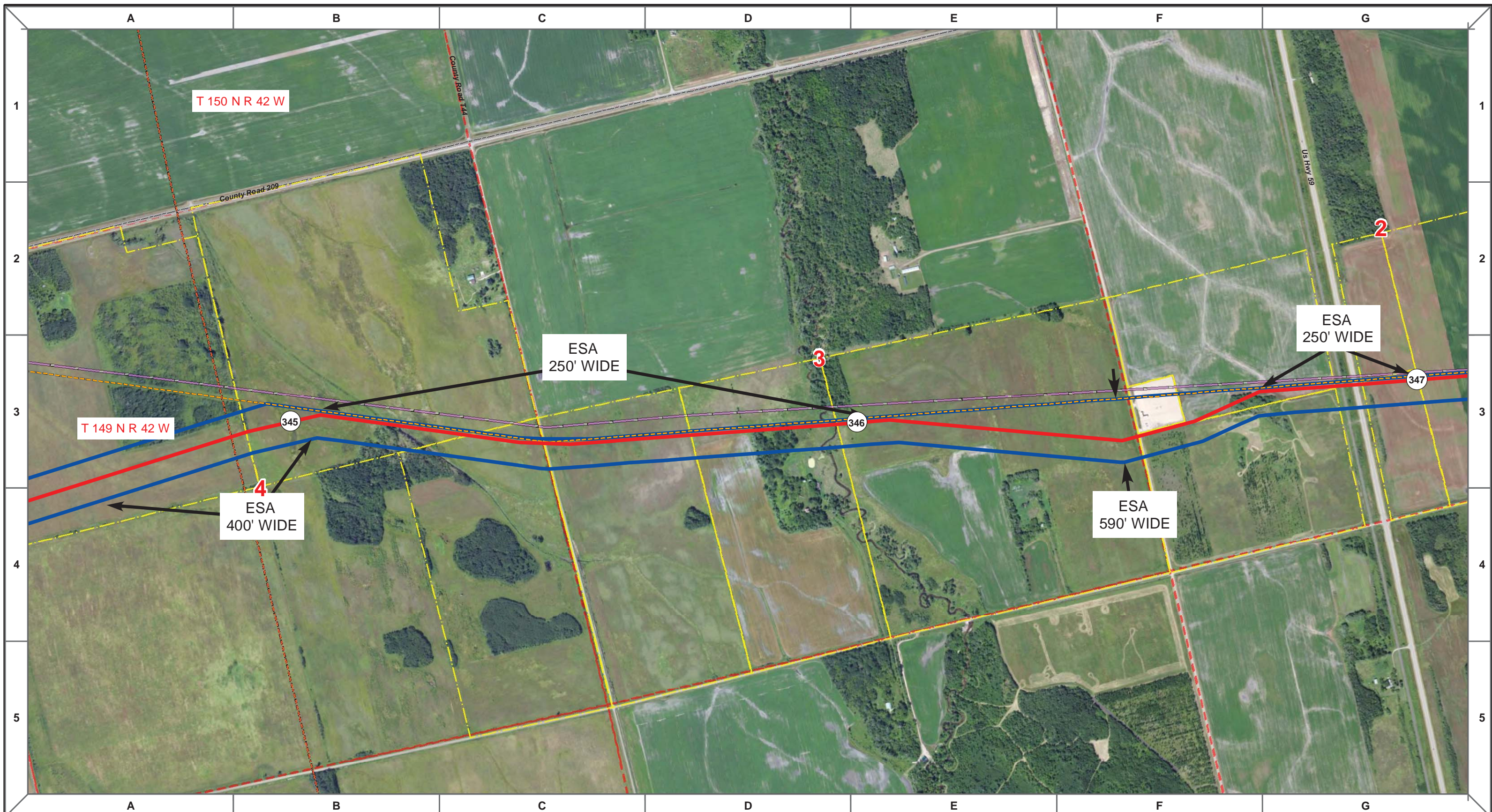
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ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

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

DRAWN: MLB	CHECKED: --
DATE: Oct 18, 2013	SCALE: AS SHOWN

Spread:5 Map: 20 of 128



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		

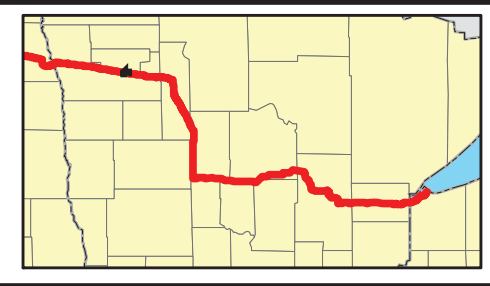
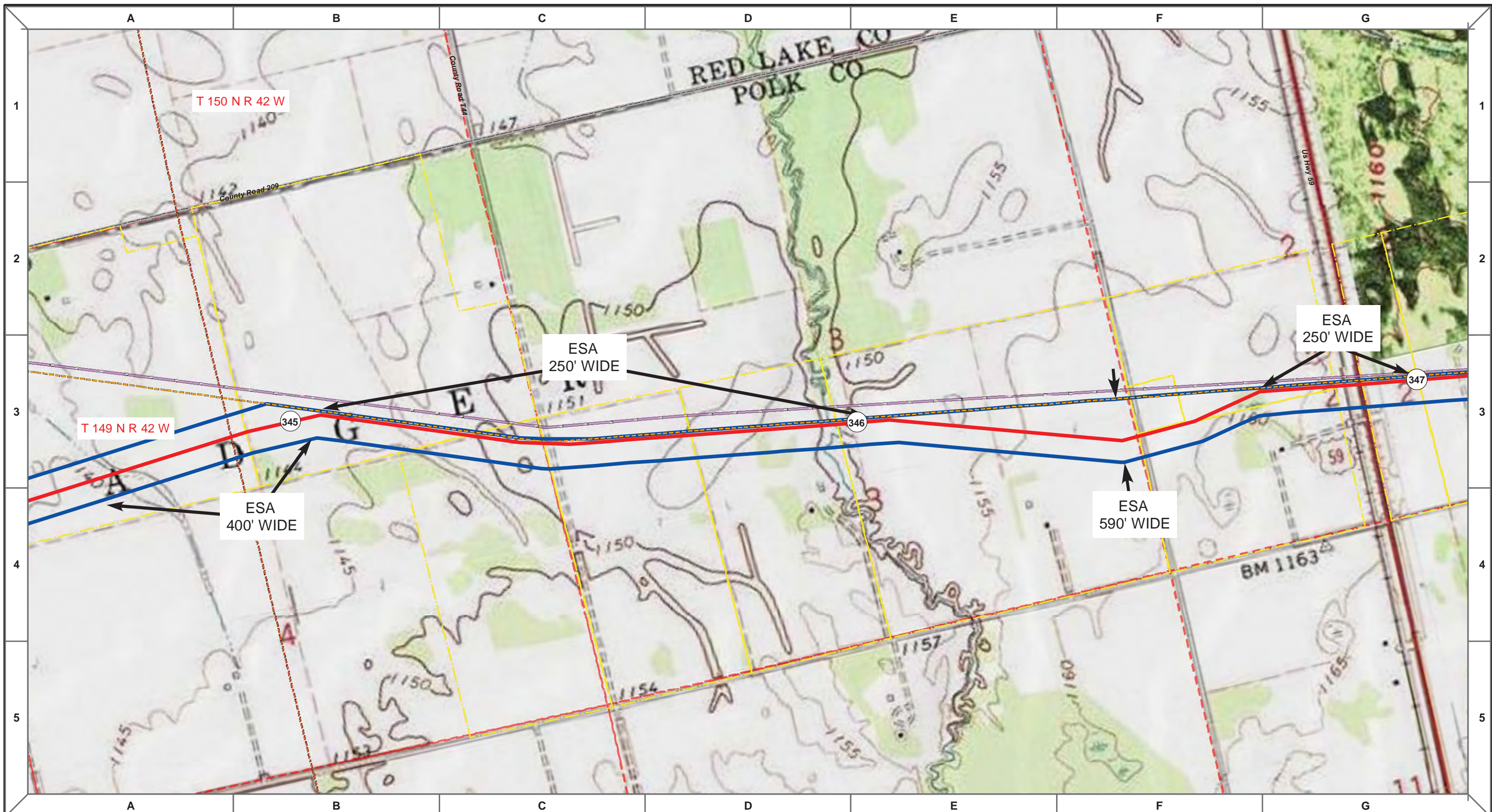
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ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

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

DRAWN: MLB	CHECKED: --
DATE: Oct 18, 2013	SCALE: AS SHOWN

Spread:5 Map: 21 of 128



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

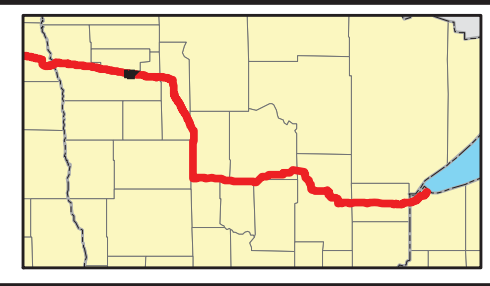
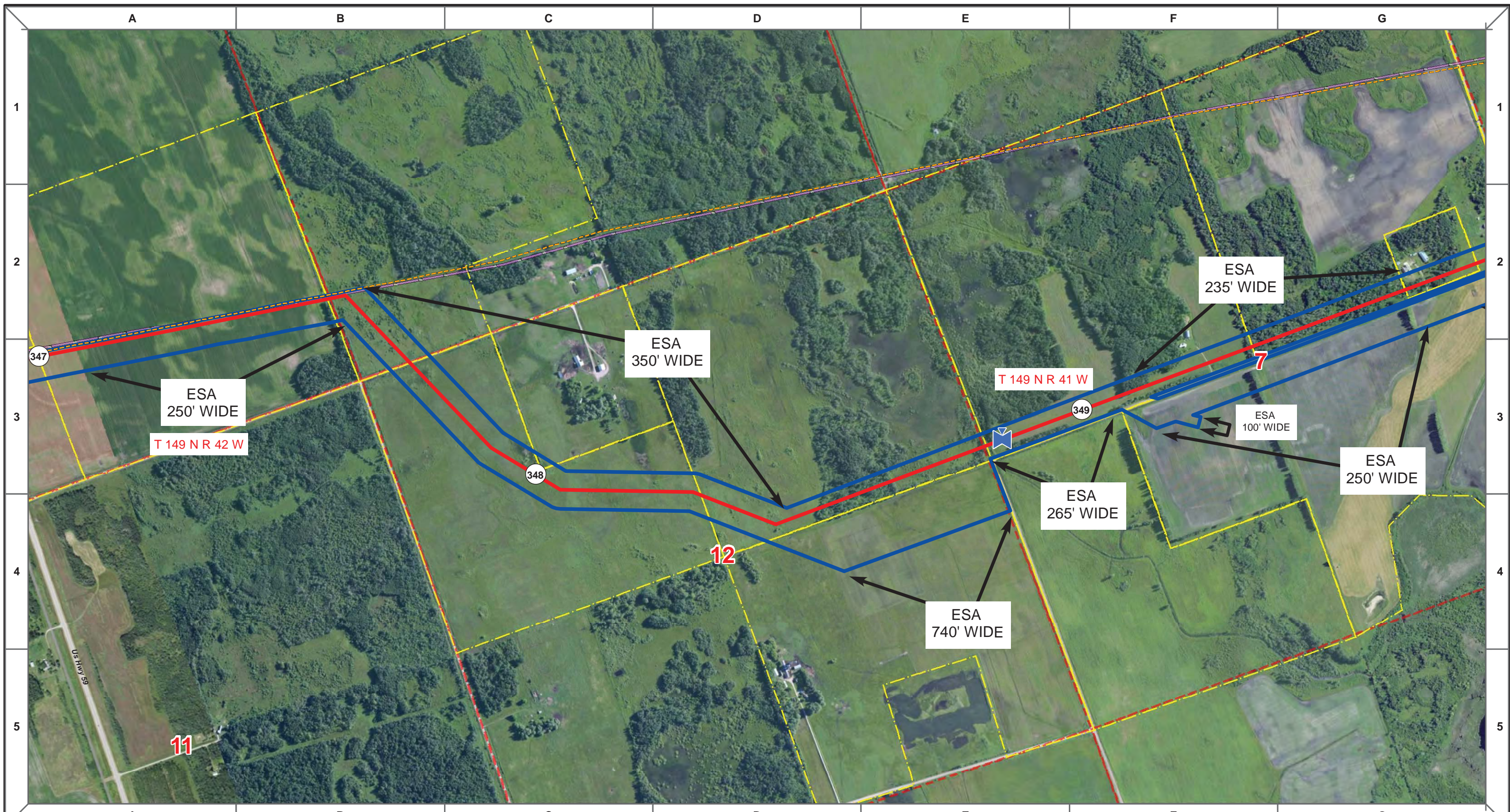
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ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

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

DRAWN: MLB	CHECKED: --
DATE: Oct 18, 2013	SCALE: AS SHOWN

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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

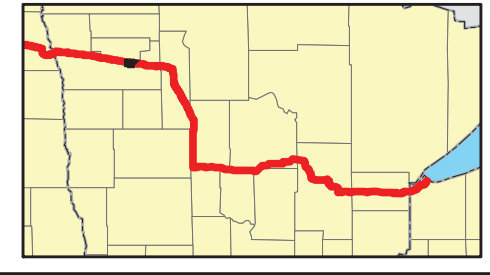
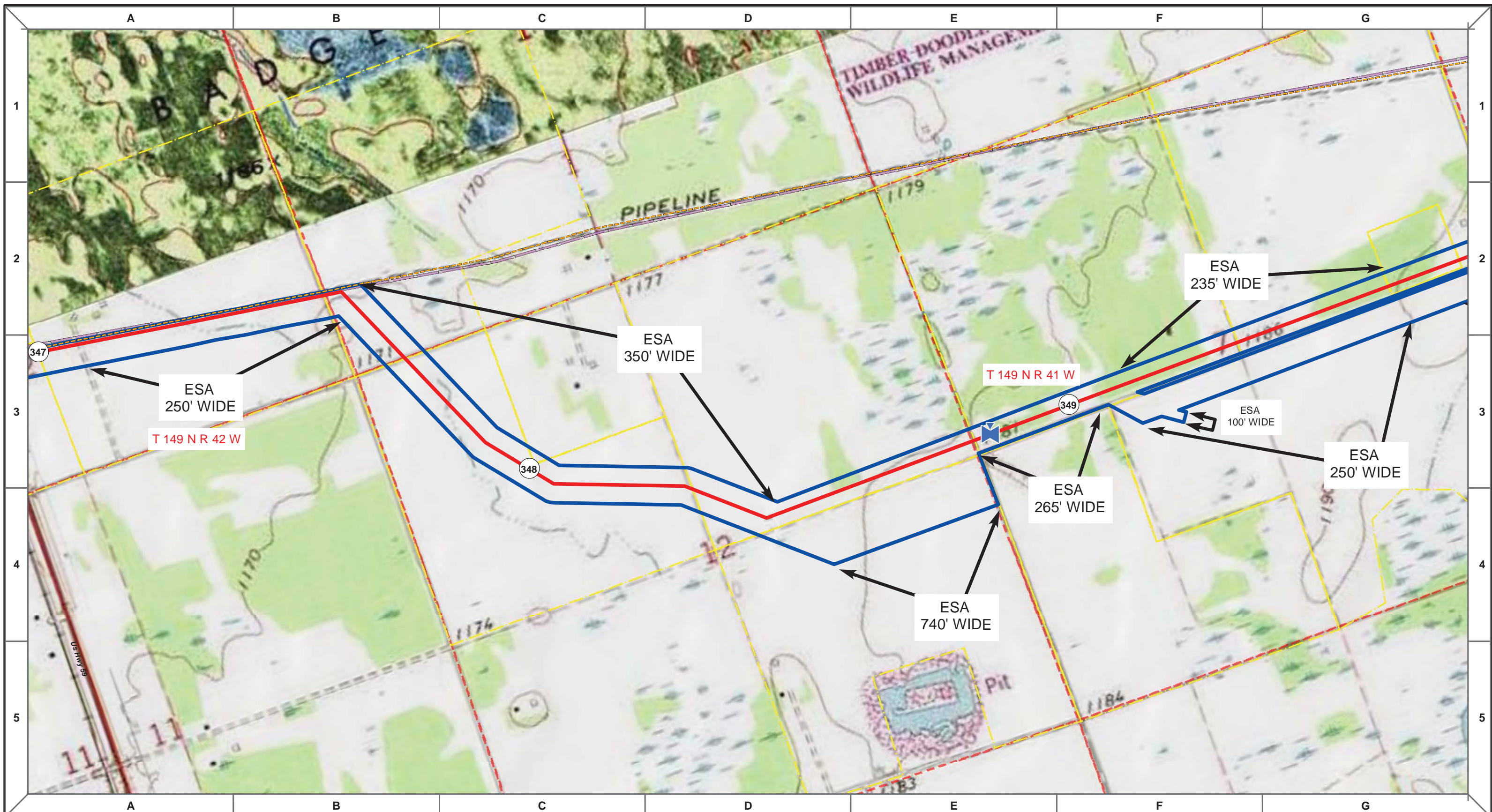
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ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

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

DRAWN: MLB	CHECKED: --
DATE: Oct 18, 2013	SCALE: AS SHOWN

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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

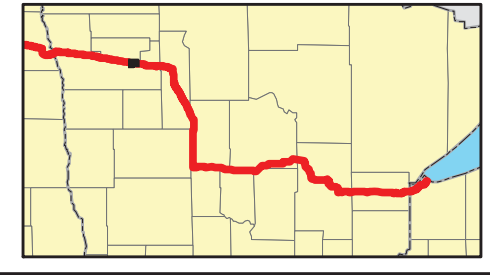
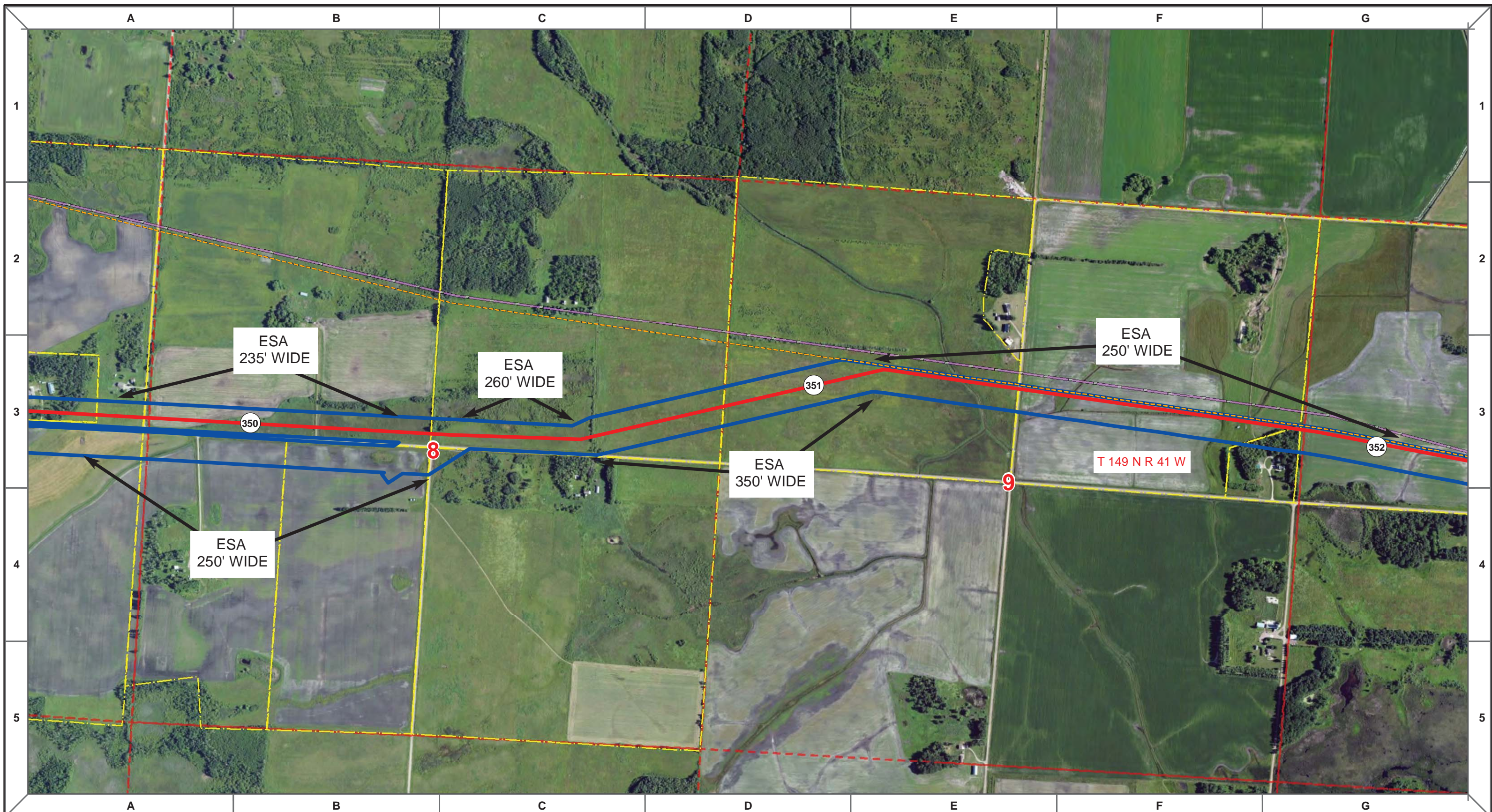
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ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT
ROUTE MAP
Polk County, MN

<small>DRAWN:</small> MLB	<small>CHECKED:</small> --
<small>DATE:</small> Oct 18, 2013	<small>SCALE:</small> AS SHOWN

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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

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

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

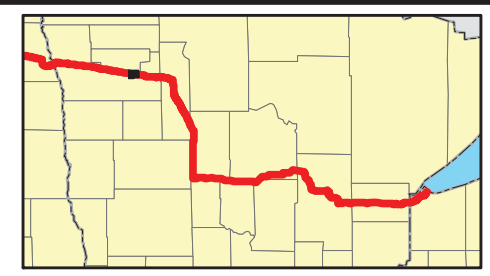
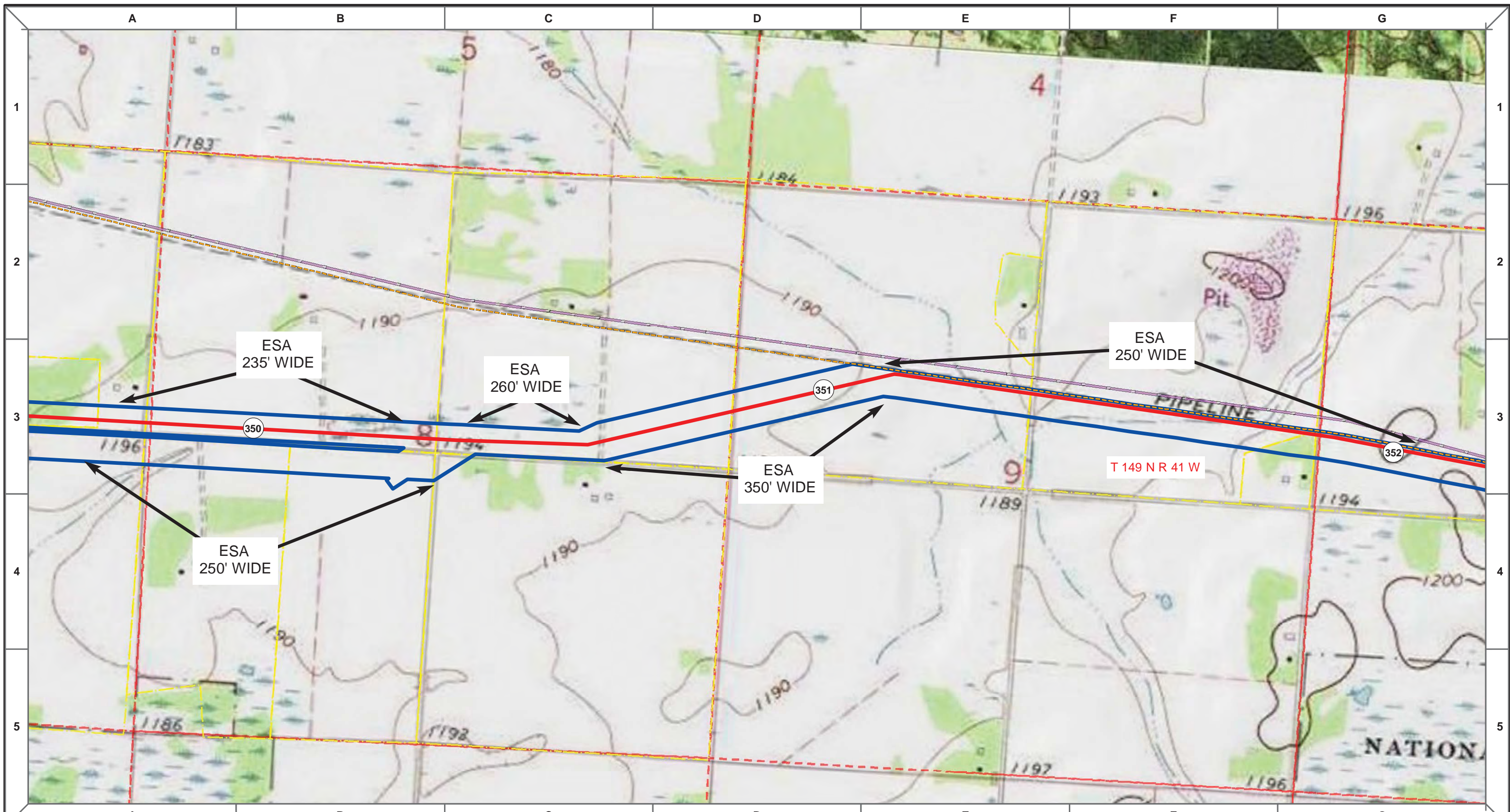
PROPOSED SANDPIPER PIPELINE PROJECT

ROUTE MAP

Polk County, MN

DRAWN: MLB	CHECKED: --
DATE: Oct 18, 2013	SCALE: AS SHOWN

Spread:5 Map: 23 of 128



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		

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

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

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

DRAWN: MLB	CHECKED: --
DATE: Oct 18, 2013	SCALE: AS SHOWN

Spread:5 Map: 23 of 128