

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

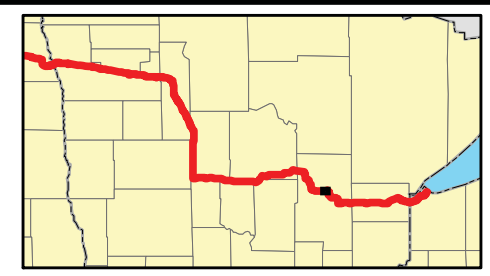
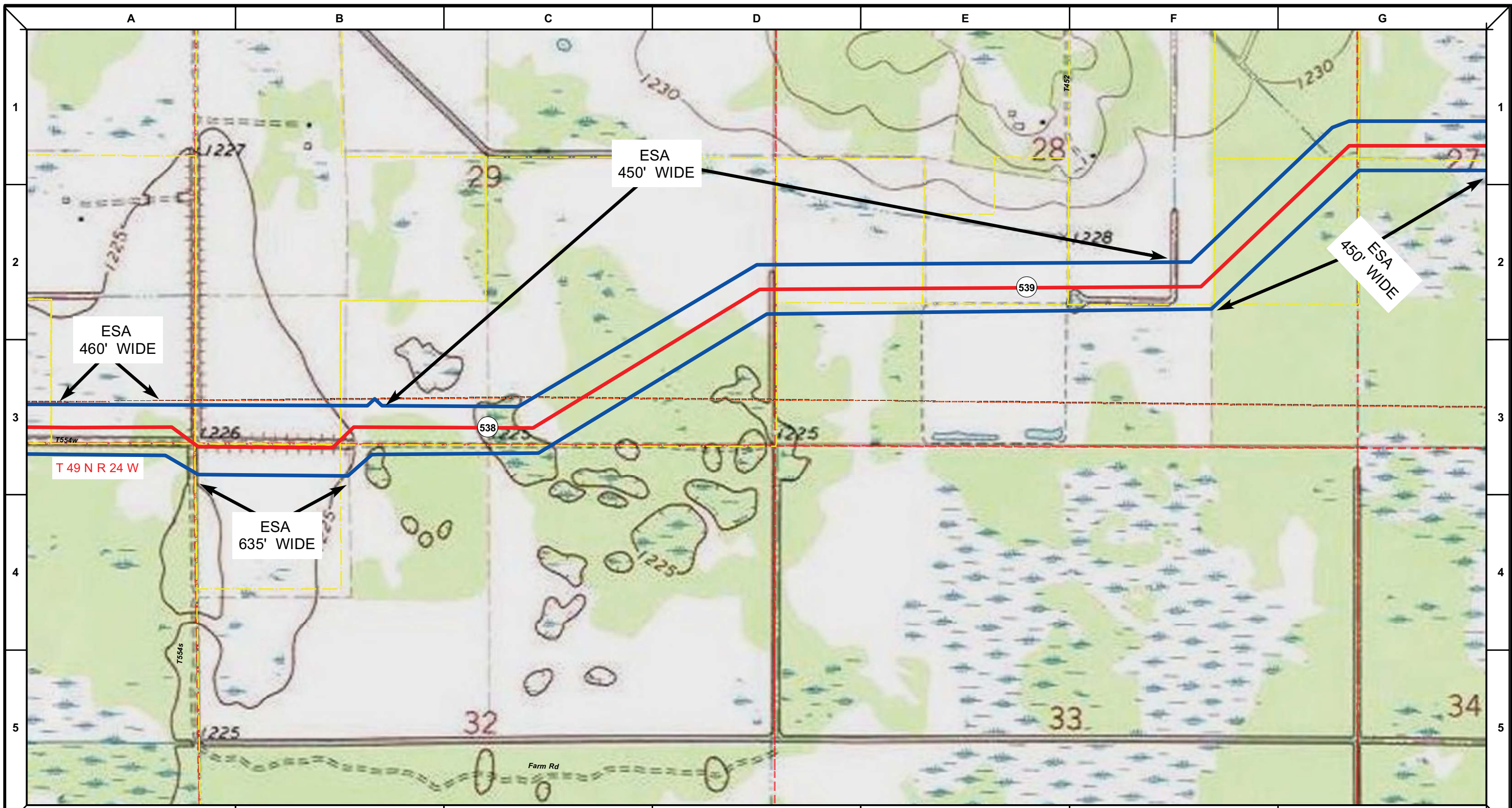
DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
			1/29/14	2	PUC Update - Revision D-2 Alignment
			12/19/13	1	PUC Update - Revision D Alignment
			10/10/13	0	PUC Submittal

NORTH DAKOTA PIPELINE COMPANY LLC

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

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

Spread:8 Map: 99 of 123



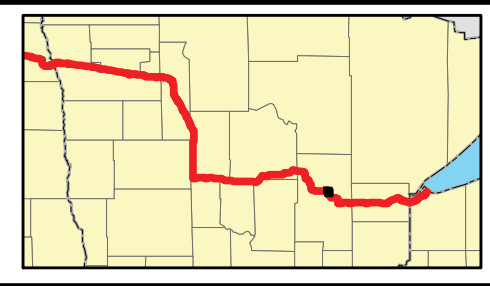
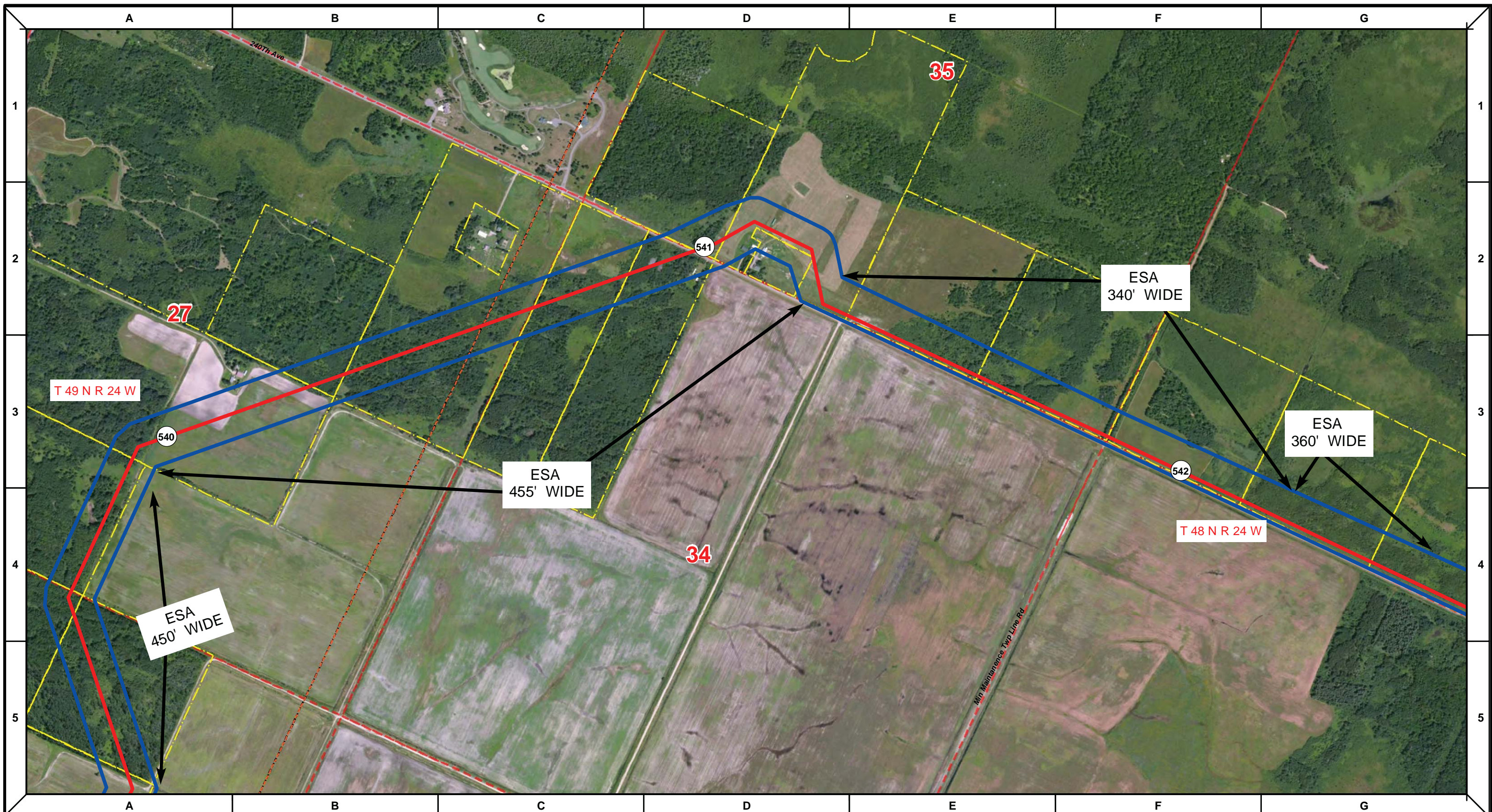
Proposed Pipeline - Sandpiper	Milepost - Sandpiper	Tract Boundary
Existing Enbridge Pipelines	Potential Block Valve	Facility Boundary
Foreign Pipes	Environmental Survey Area (ESA)	Previously Sited Facility Boundary
Transmission Lines		Section Lines
SPREAD BREAK		

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
			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
Aitkin County, MN

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

Spread:8 Map: 99 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

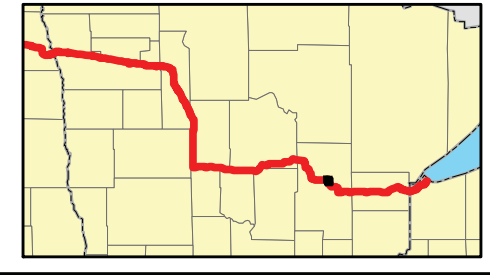
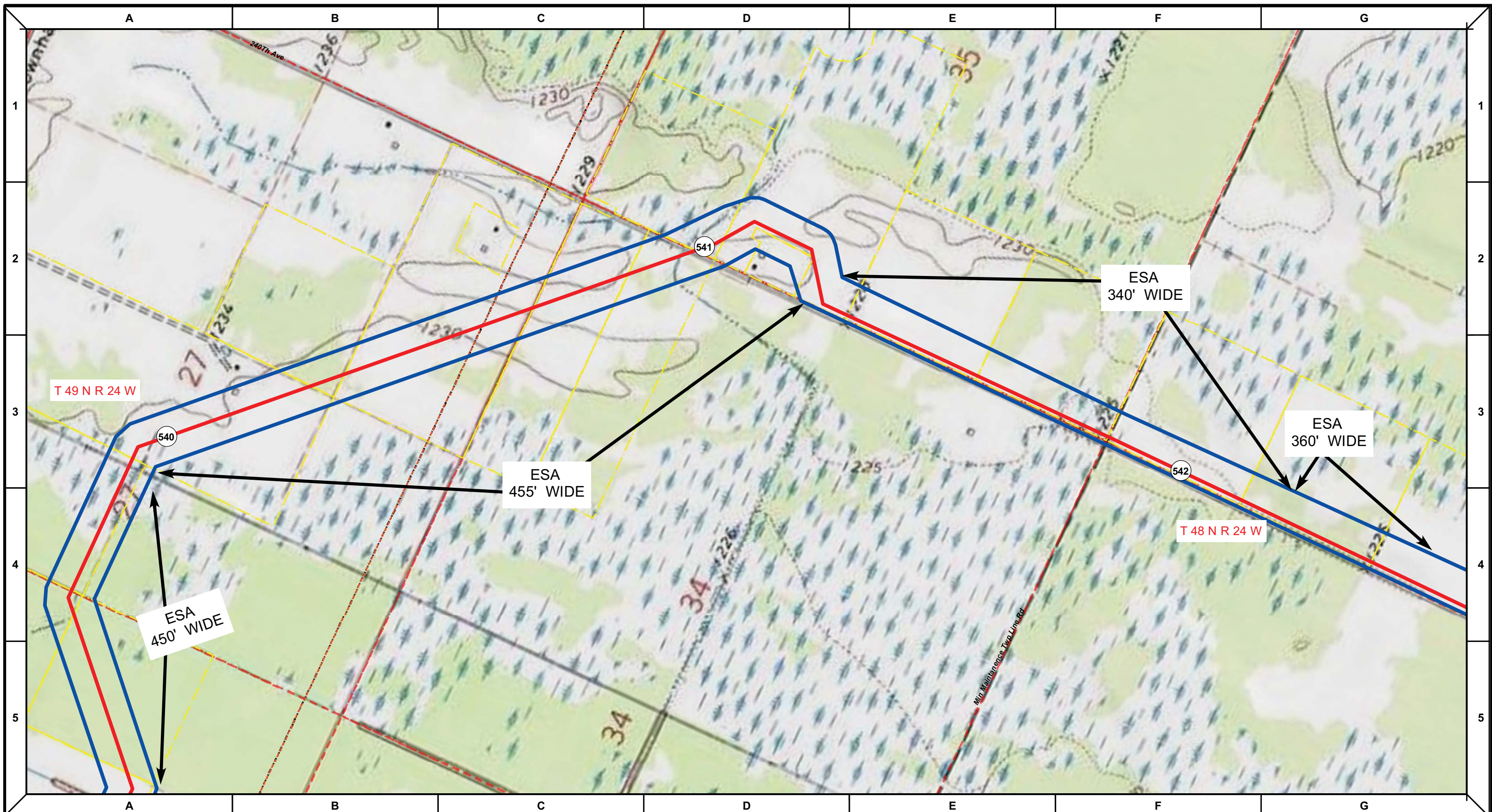
MLB	DATE	REV NO.	DESCRIPTION
	1/29/14	2	PUC Update - Revision D-2 Alignment
	12/19/13	1	PUC Update - Revision D Alignment
	10/10/13	0	PUC Submittal
DRAWN	CHECKED	APPROVED	DATE

NORTH DAKOTA PIPELINE COMPANY LLC

PROPOSED SANDPIPER PIPELINE PROJECT
 ROUTE MAP
 Aitkin County, MN

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

Spread: 8 Map: 100 of 123



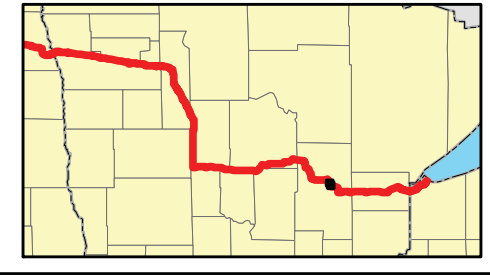
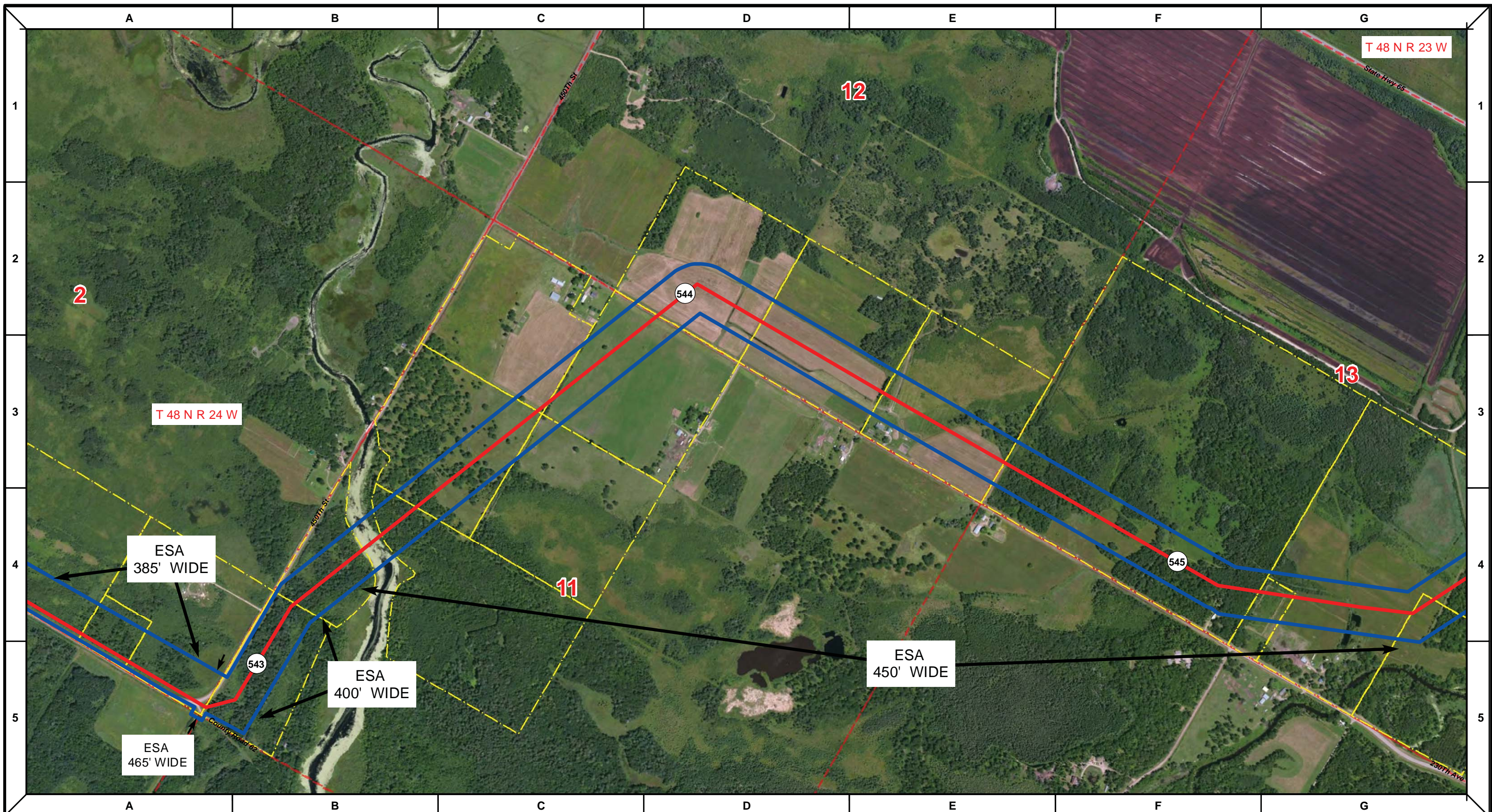
Proposed Pipeline - Sandpiper	Milepost - Sandpiper	Tract Boundary
Existing Enbridge Pipelines	Potential Block Valve	Facility Boundary
Foreign Pipes	Environmental Survey Area (ESA)	Previously Sited Facility Boundary
Transmission Lines		Section Lines
SPREAD BREAK		

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
			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
Aitkin County, MN

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

Spread: 8 Map: 100 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

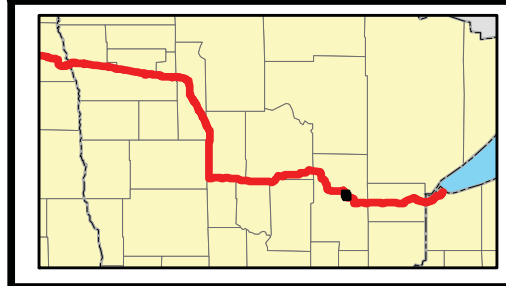
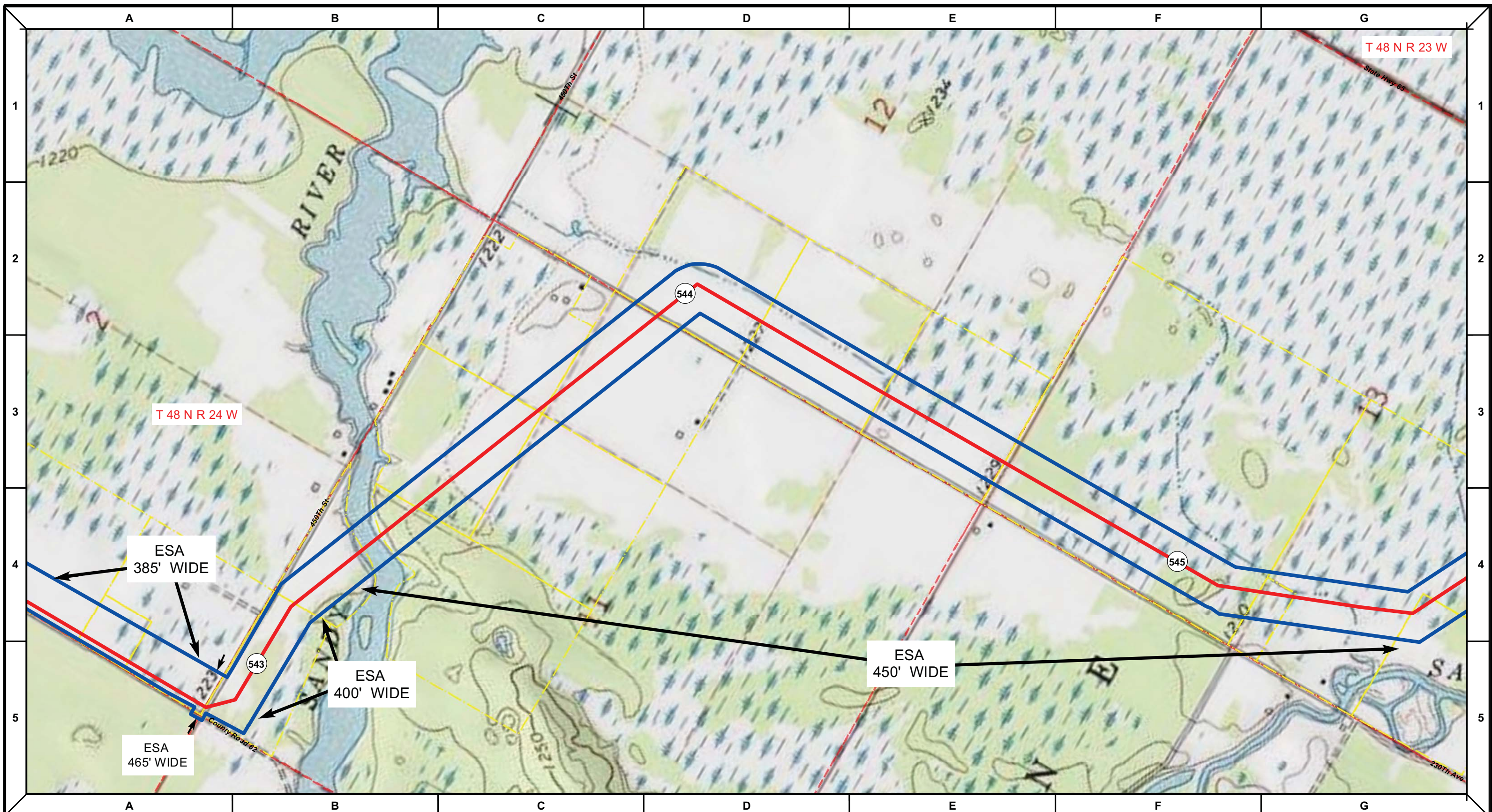
DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
			1/29/14	2	PUC Update - Revision D-2 Alignment
			12/19/13	1	PUC Update - Revision D Alignment
			10/10/13	0	PUC Submittal

ENBRIDGE
NORTH DAKOTA PIPELINE COMPANY LLC

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

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

Spread: 8 Map: 101 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

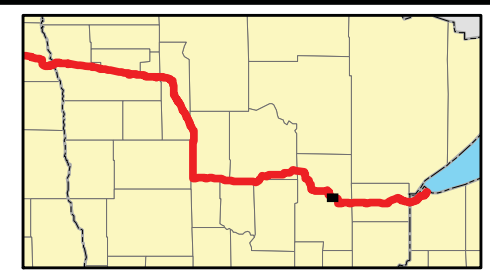
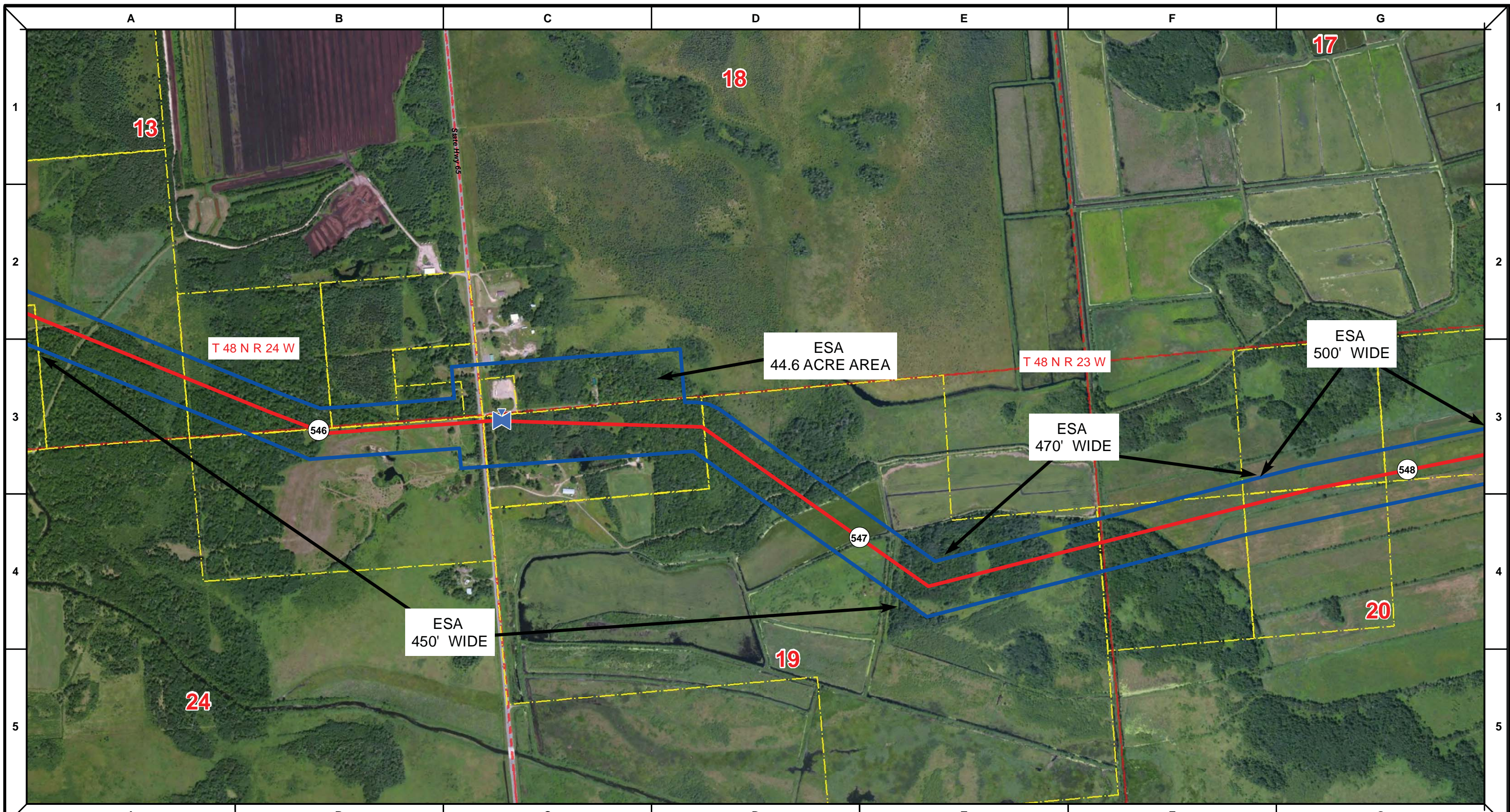
DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
			1/29/14	2	PUC Update - Revision D-2 Alignment
			12/19/13	1	PUC Update - Revision D Alignment
			10/10/13	0	PUC Submittal

ENBRIDGE
NORTH DAKOTA PIPELINE COMPANY LLC

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

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

Spread:8 Map: 101 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

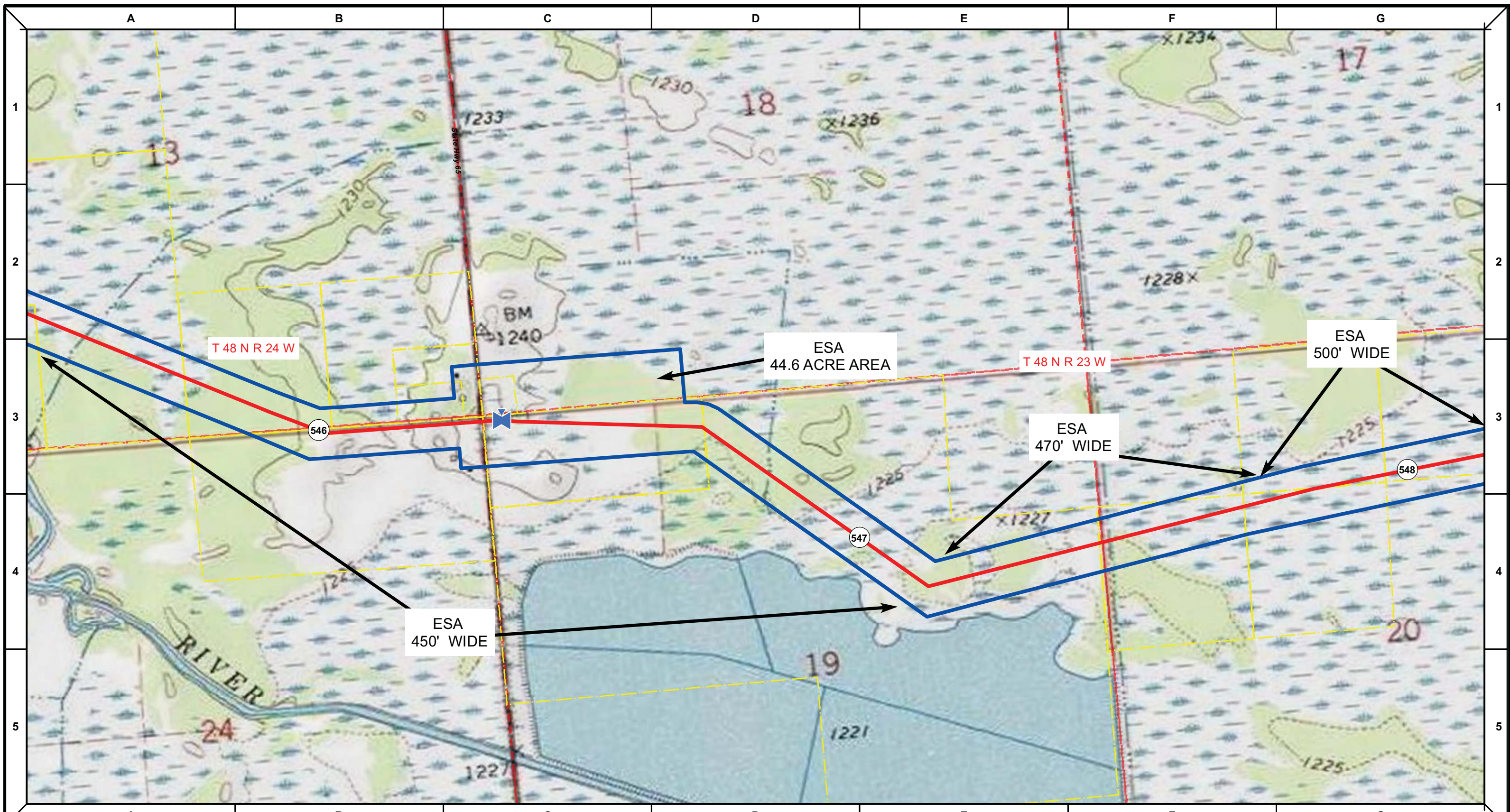
DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
			1/29/14	2	PUC Update - Revision D-2 Alignment
			12/19/13	1	PUC Update - Revision D Alignment
			10/10/13	0	PUC Submittal

ENBRIDGE
NORTH DAKOTA PIPELINE COMPANY LLC

PROPOSED SANDPIPER PIPELINE PROJECT
ROUTE MAP
Aitkin County, MN

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

Spread:8
Map: 102 of 123



T 48 N R 24 W

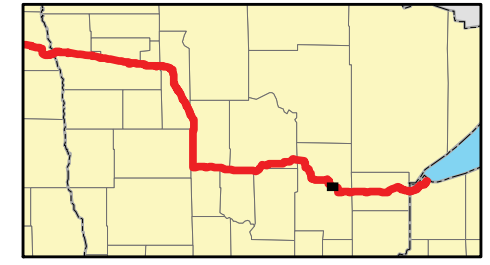
ESA
44.6 ACRE AREA

T 48 N R 23 W

ESA
500' WIDE

ESA
470' WIDE

ESA
450' WIDE



- Proposed Pipeline - 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



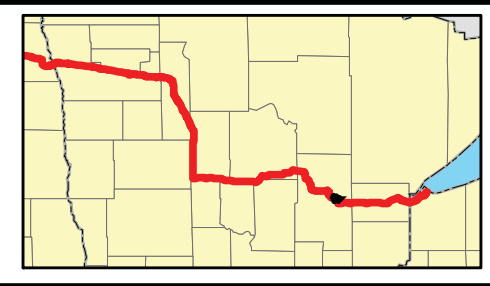
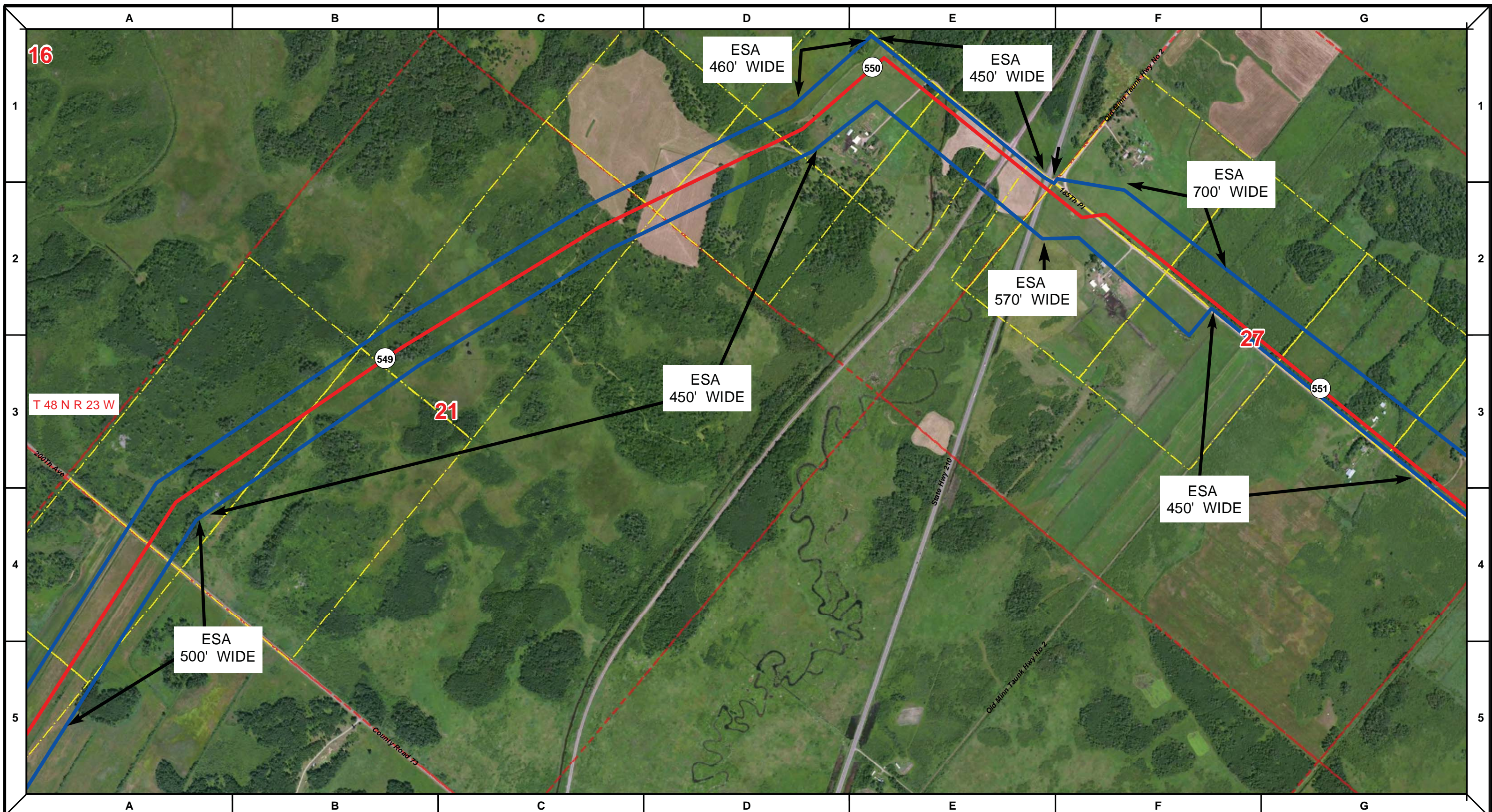
DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			1/29/14	2	PUC Update - Revision D-2 Alignment
MLB			12/19/13	1	PUC Update - Revision D Alignment
MLB			10/10/13	0	PUC Submittal

ENBRIDGE
NORTH DAKOTA PIPELINE COMPANY LLC

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

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

Spread:8
Map: 102 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

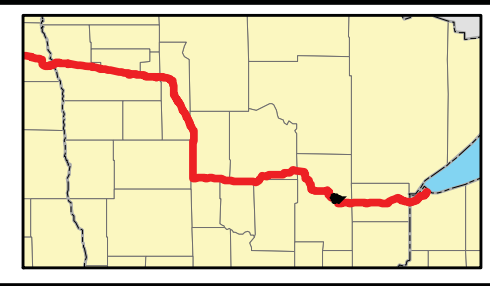
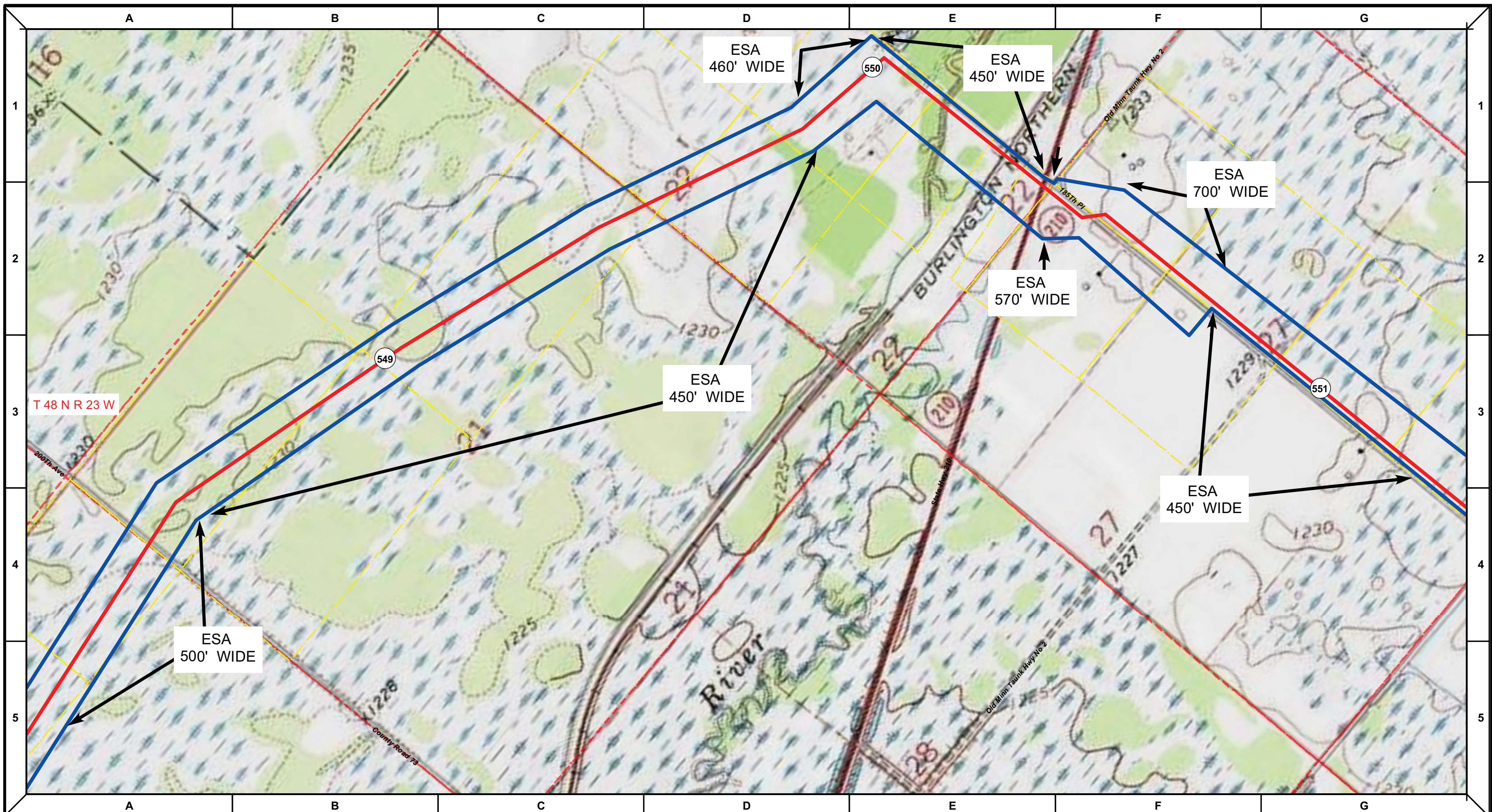
DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
			1/29/14	2	PUC Update - Revision D-2 Alignment
			12/19/13	1	PUC Update - Revision D Alignment
			10/10/13	0	PUC Submittal

NORTH DAKOTA PIPELINE COMPANY LLC

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

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

Spread: 8 Map: 103 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

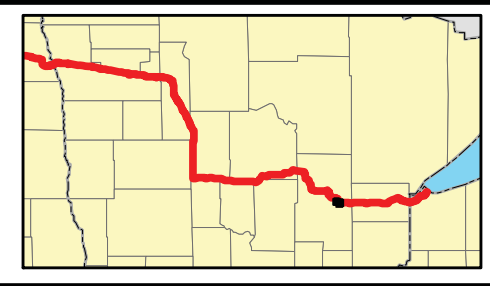
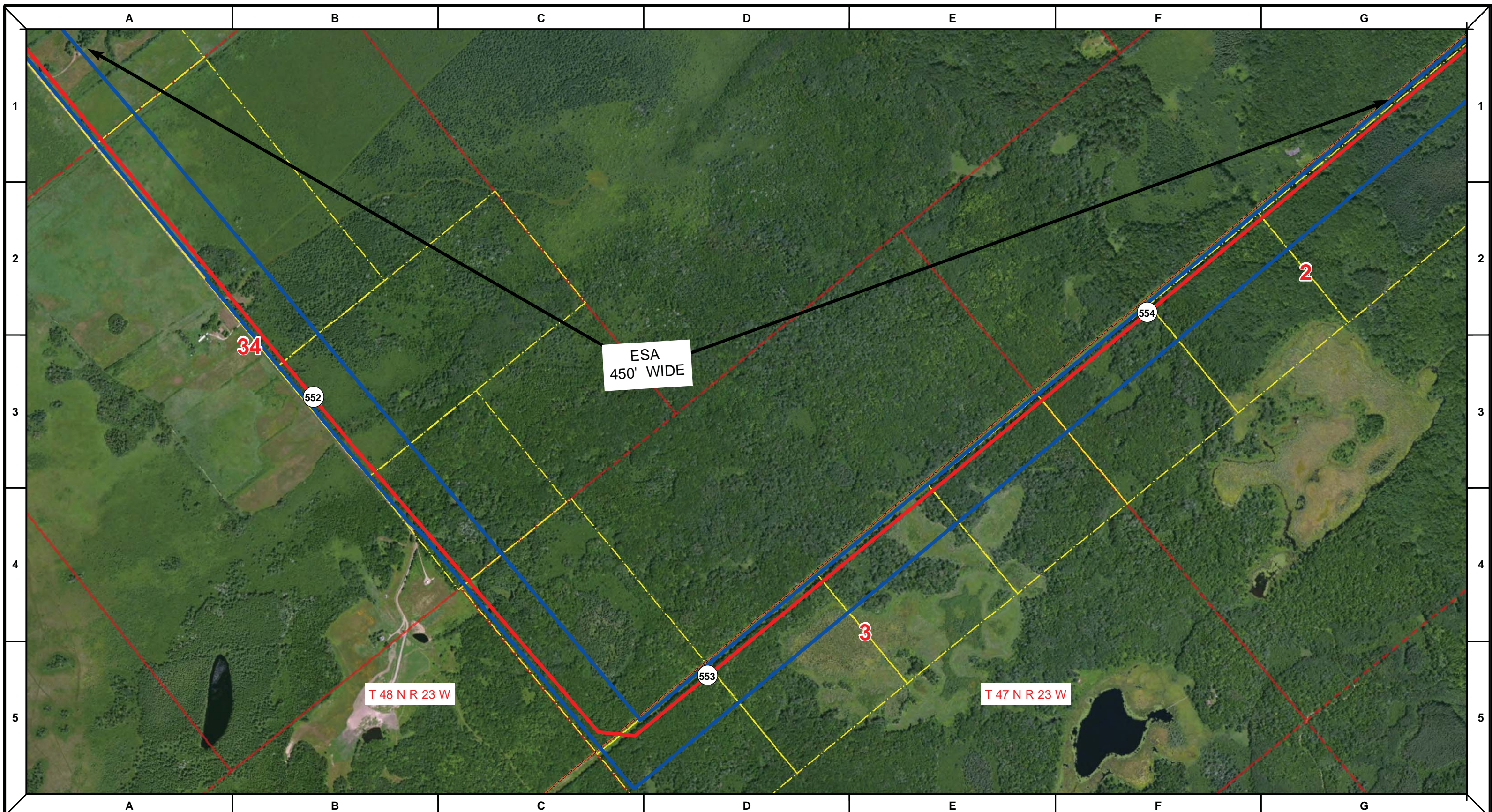
DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
			1/29/14	2	PUC Update - Revision D-2 Alignment
			12/19/13	1	PUC Update - Revision D Alignment
			10/10/13	0	PUC Submittal

NORTH DAKOTA PIPELINE COMPANY LLC

PROPOSED SANDPIPER PIPELINE PROJECT
ROUTE MAP
Aitkin County, MN

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

Spread: 8 Map: 103 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

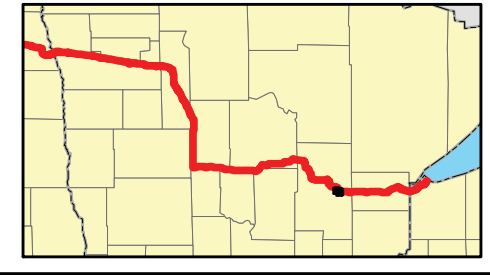
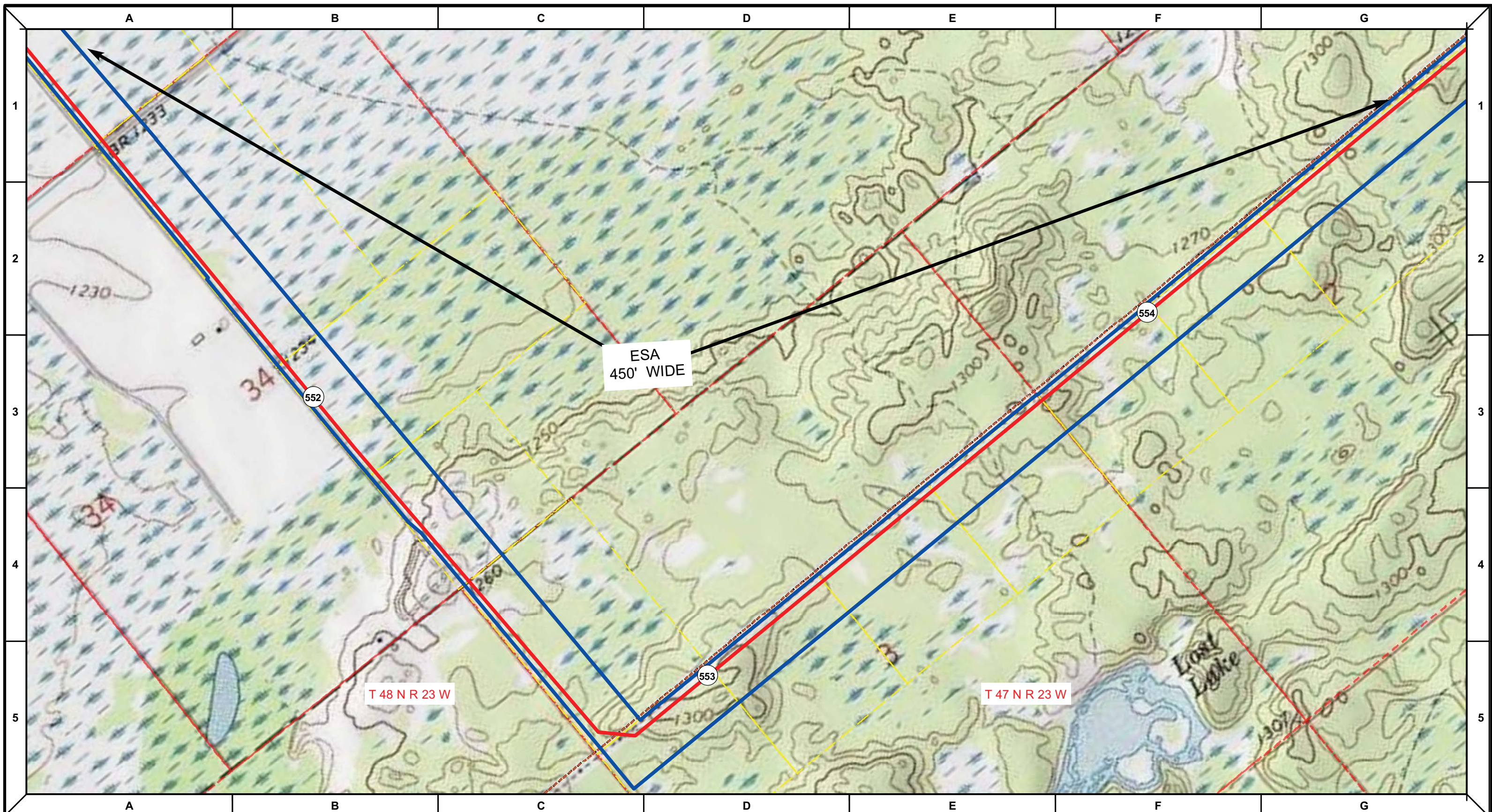
MLB	DATE	REV NO.	DESCRIPTION
	1/29/14	2	PUC Update - Revision D-2 Alignment
	12/19/13	1	PUC Update - Revision D Alignment
	10/10/13	0	PUC Submittal
DRAWN	CHECKED	APPROVED	DESCRIPTION

ENBRIDGE
NORTH DAKOTA PIPELINE COMPANY LLC

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

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

Spread: 8 Map: 104 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

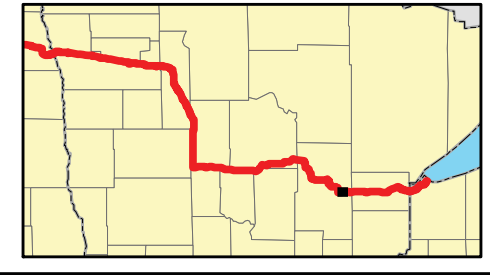
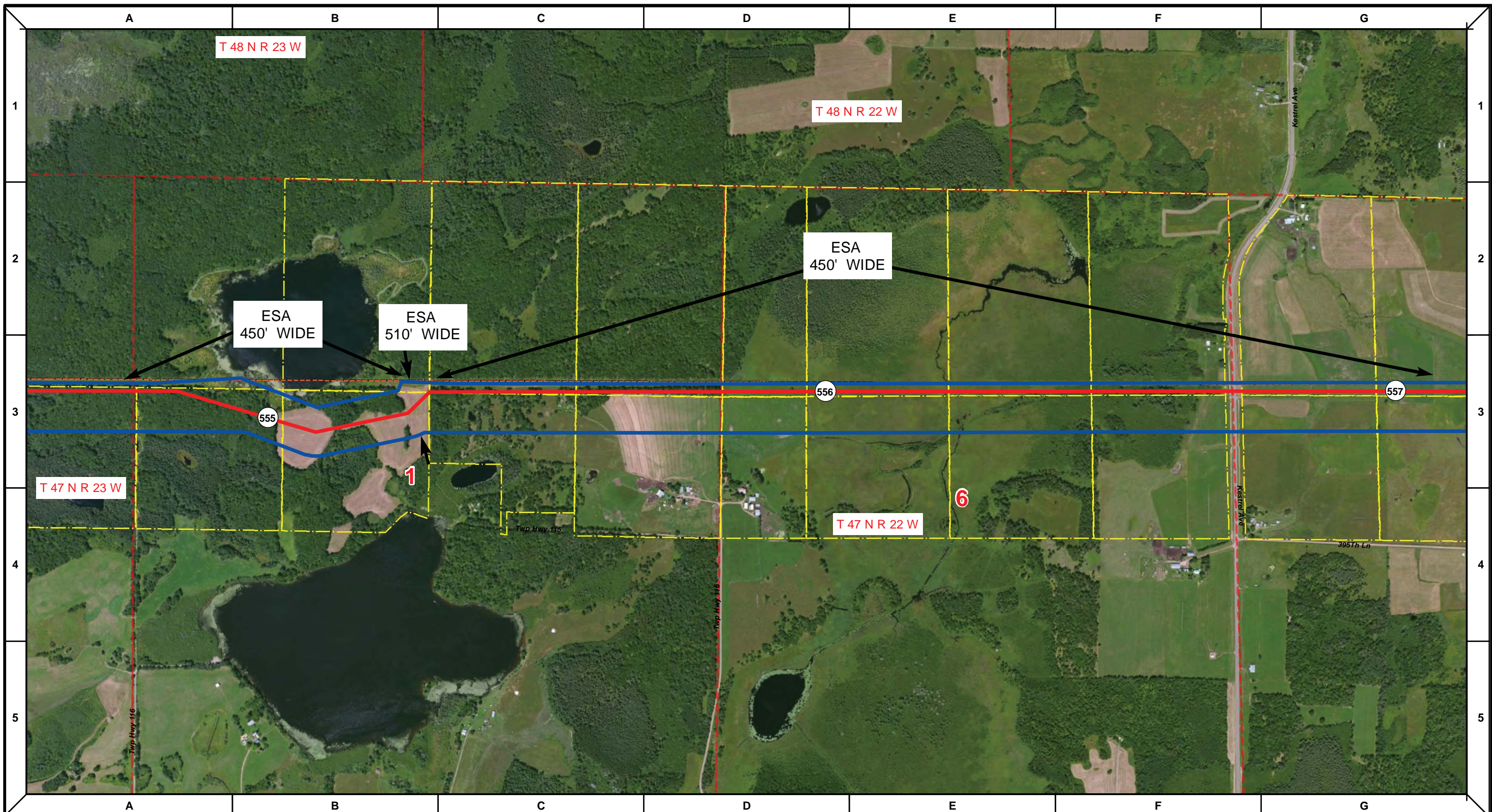
DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
			1/29/14	2	PUC Update - Revision D-2 Alignment
			12/19/13	1	PUC Update - Revision D Alignment
			10/10/13	0	PUC Submittal

ENBRIDGE
NORTH DAKOTA PIPELINE COMPANY LLC

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

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

Spread:8 Map: 104 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

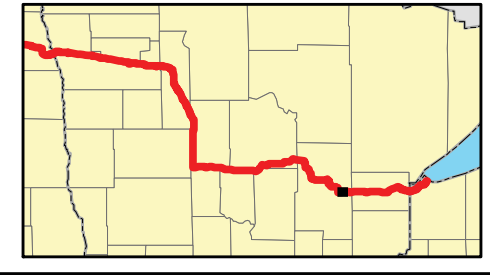
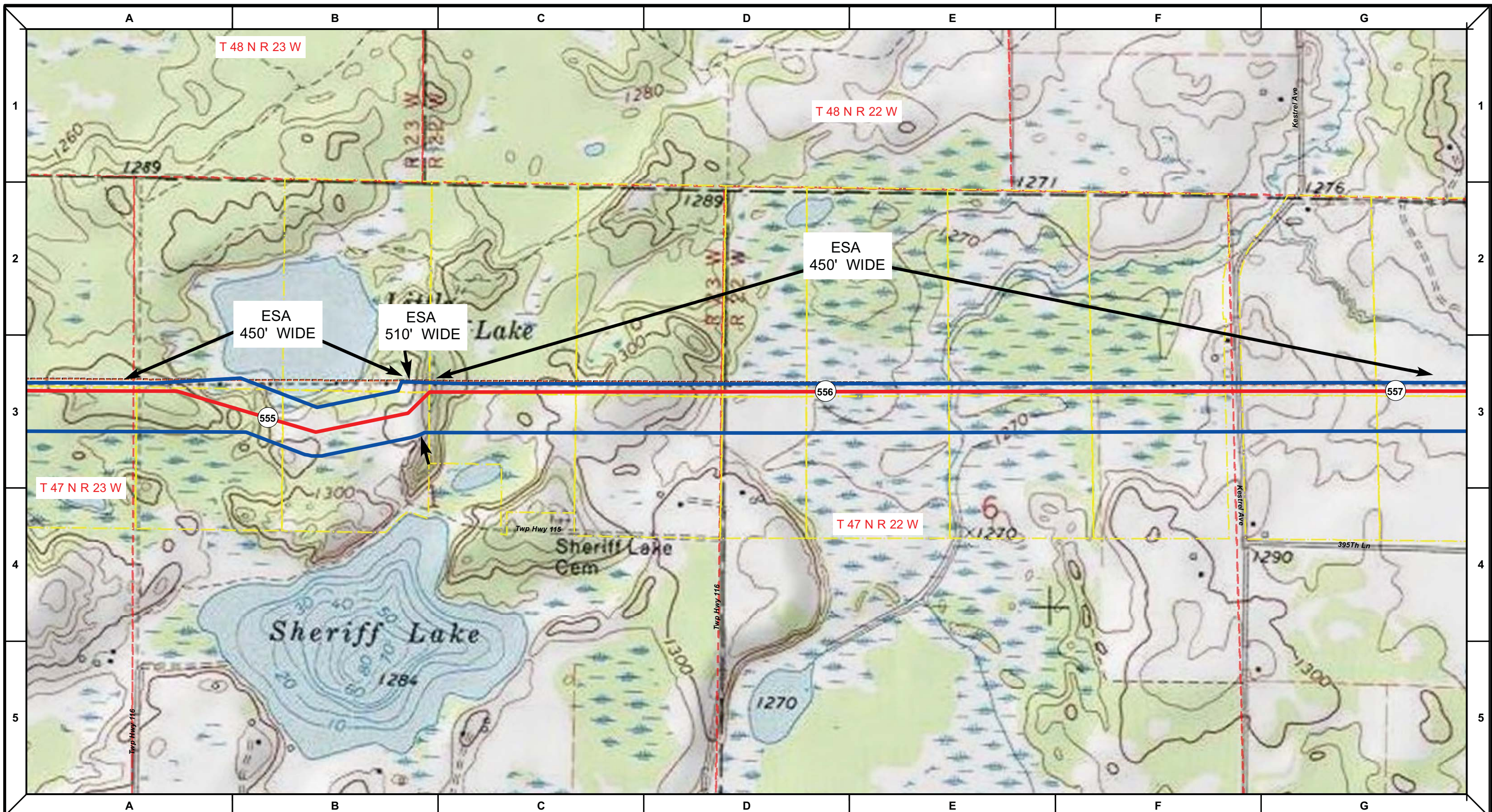
DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
			1/29/14	2	PUC Update - Revision D-2 Alignment
			12/19/13	1	PUC Update - Revision D Alignment
			10/10/13	0	PUC Submittal

NORTH DAKOTA PIPELINE COMPANY LLC

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

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

Spread:8 Map: 105 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

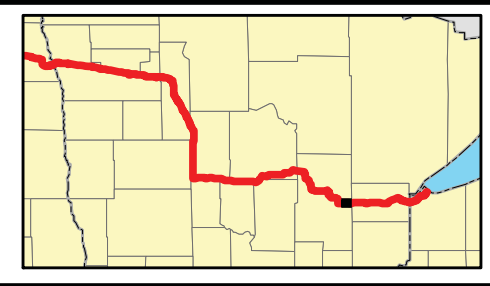
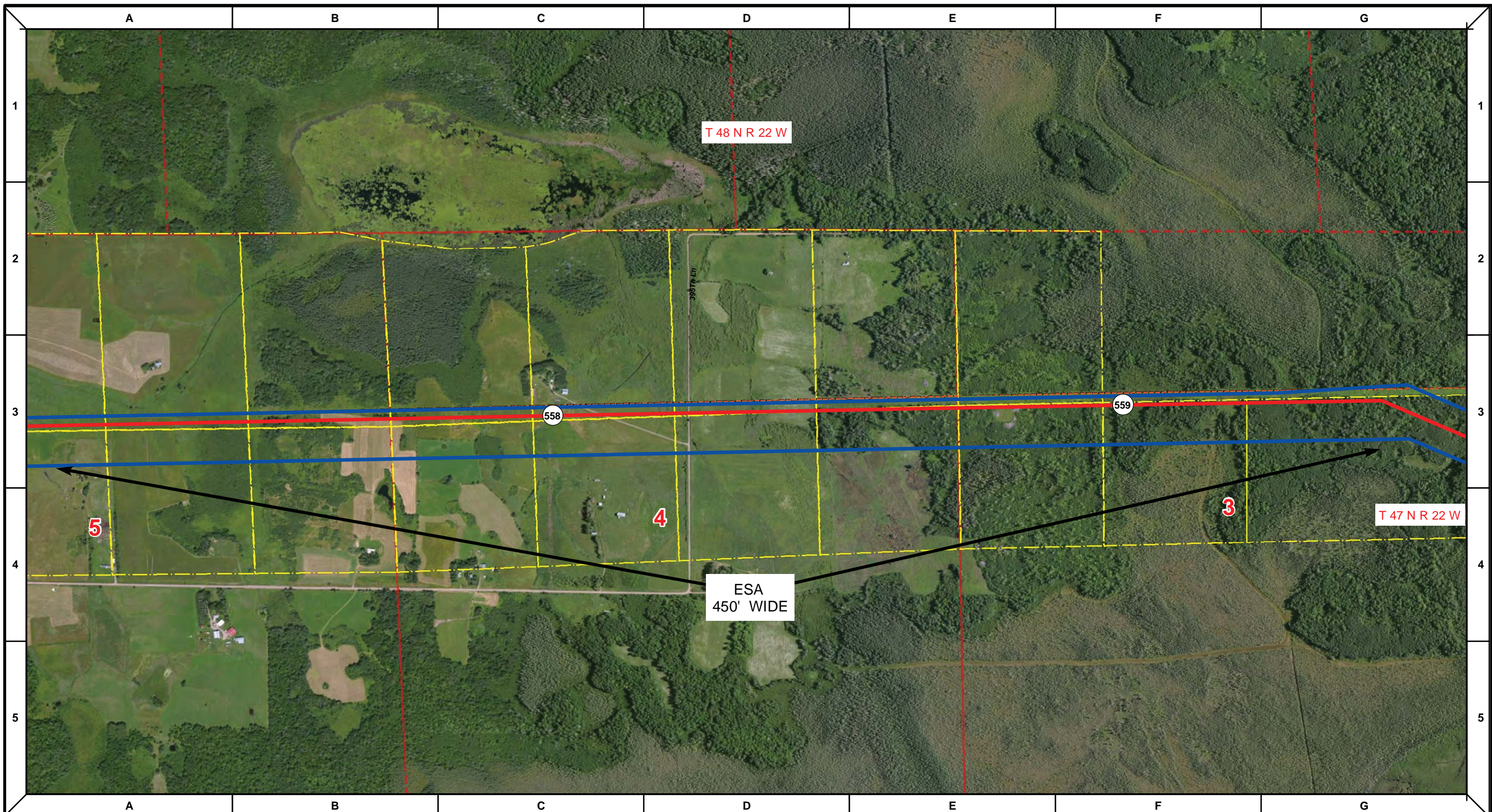
DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
			1/29/14	2	PUC Update - Revision D-2 Alignment
			12/19/13	1	PUC Update - Revision D Alignment
			10/10/13	0	PUC Submittal

NORTH DAKOTA PIPELINE COMPANY LLC

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

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

Spread: 8 Map: 105 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		

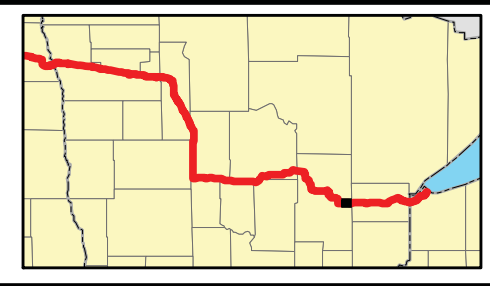
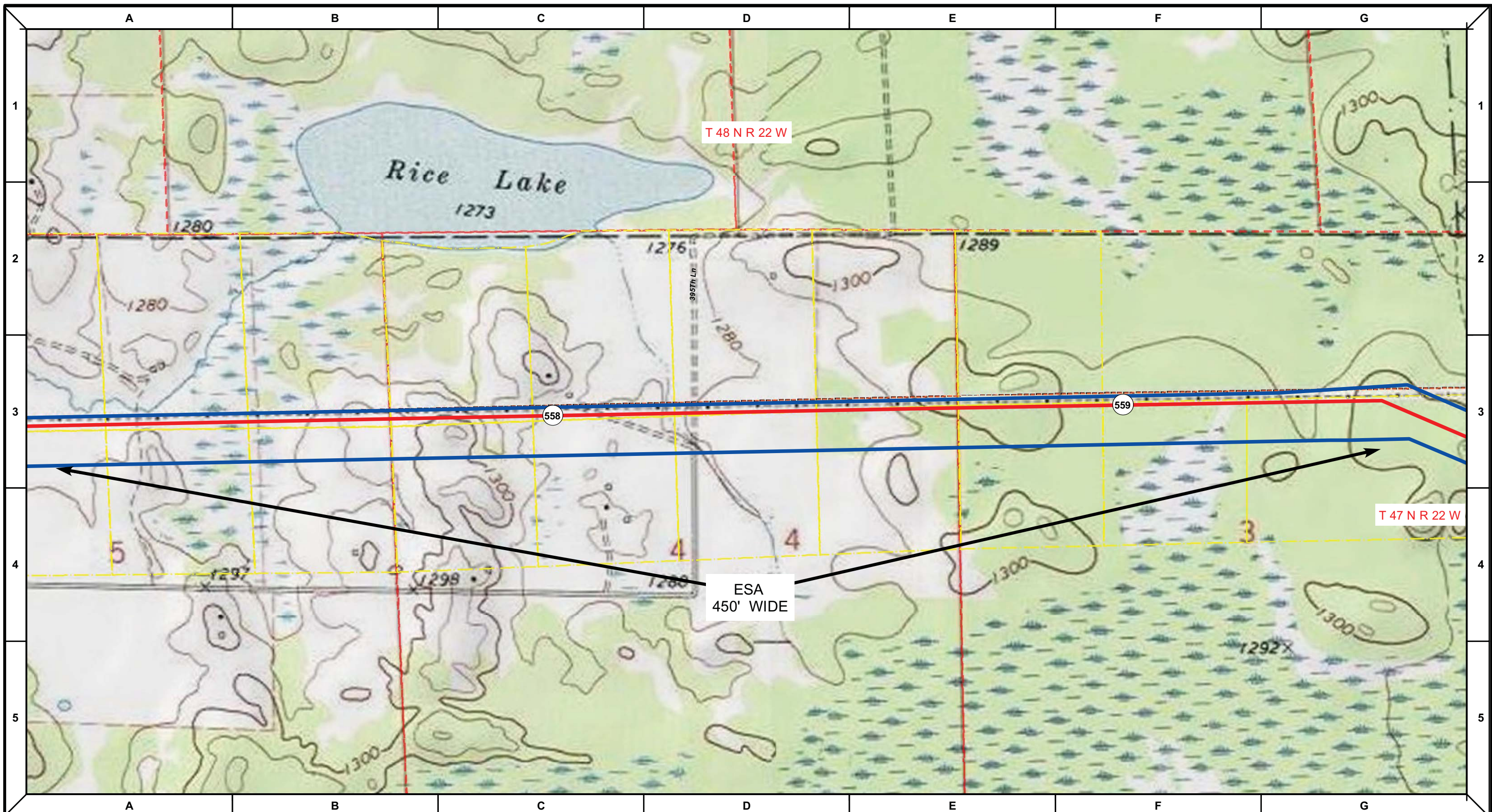
DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
			1/29/14	2	PUC Update - Revision D-2 Alignment
			12/19/13	1	PUC Update - Revision D Alignment
			10/10/13	0	PUC Submittal

NORTH DAKOTA PIPELINE COMPANY LLC

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

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

Spread:8 Map: 106 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		

DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
			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
 Aitkin County, MN**

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

Spread:8 Map: 106 of 123