

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		

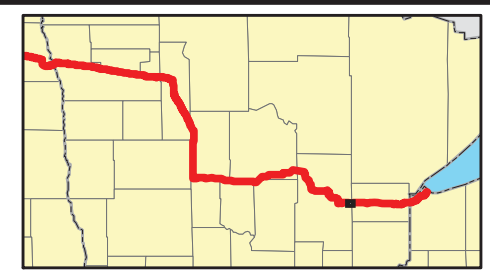
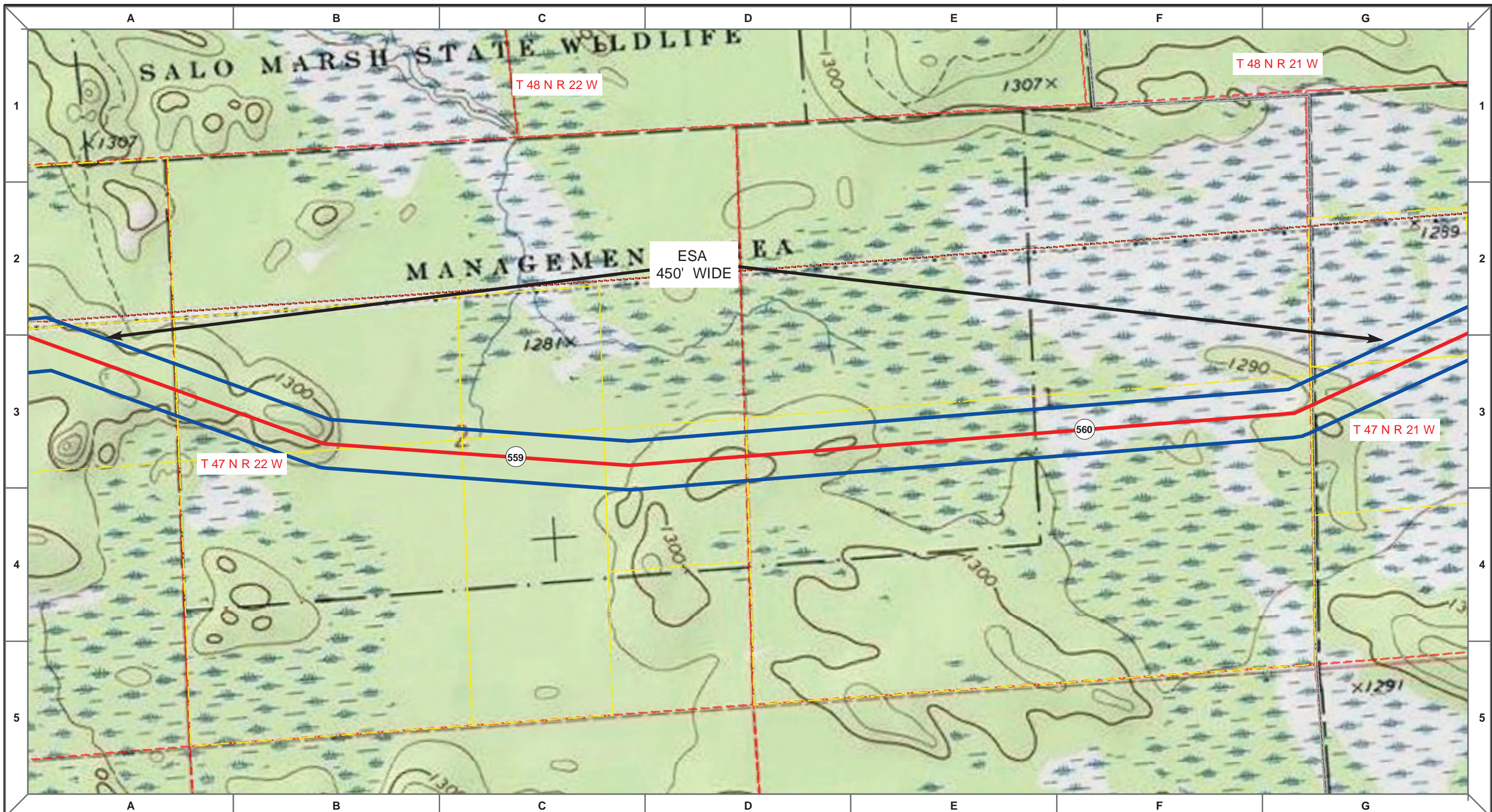
MLB		10/10/13	0		
DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
					PUC Submittal

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT
ROUTE MAP
Aitkin & Carlton County, MN

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

Spread:8 Map: 107 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		

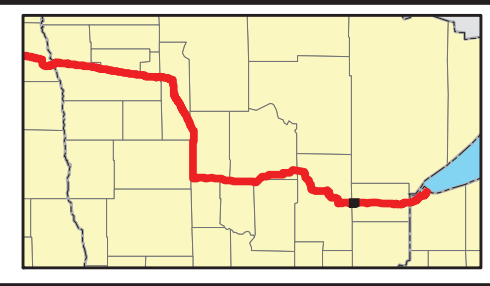
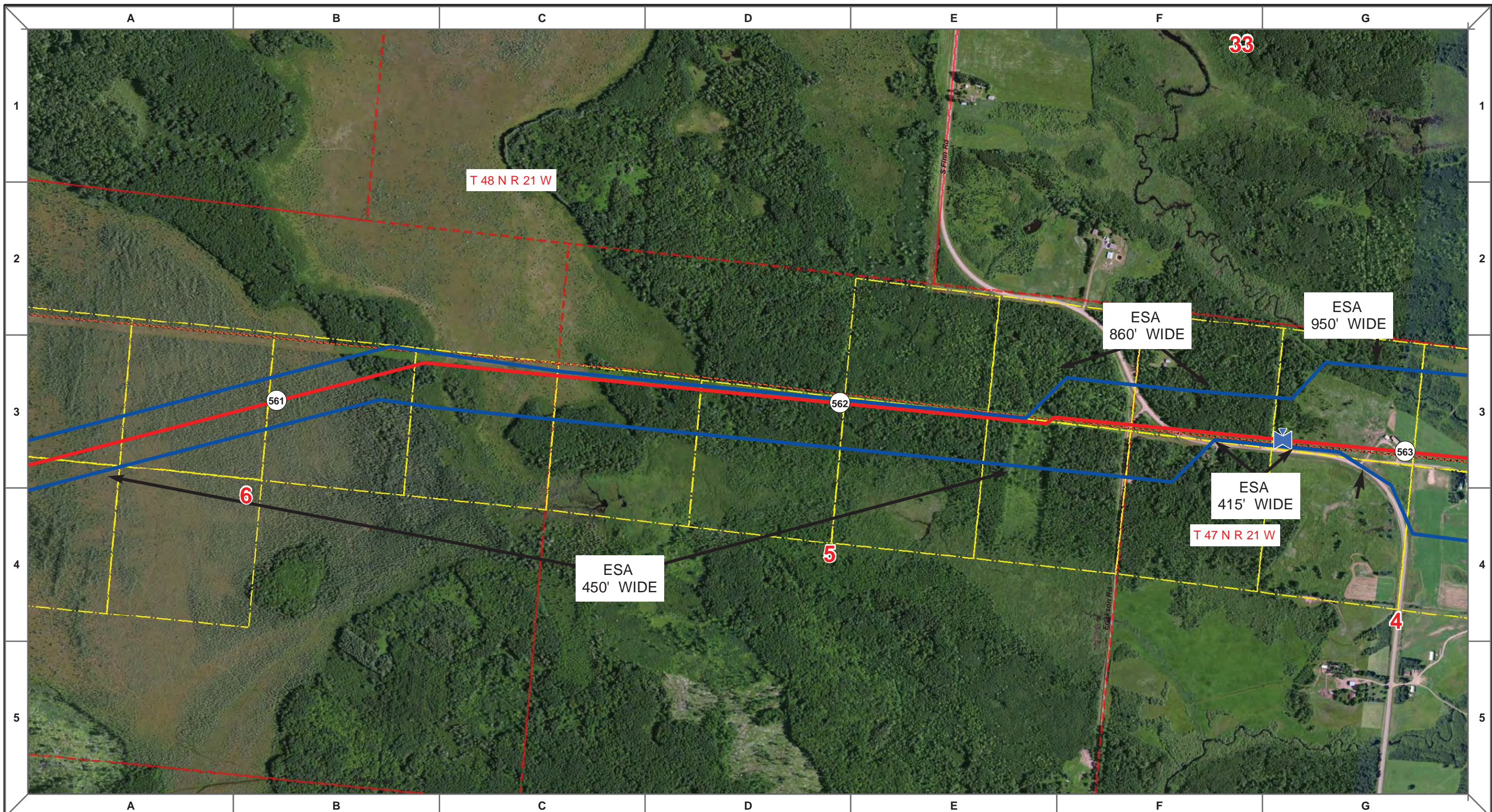
MLB		10/10/13	0		
DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT
ROUTE MAP
Aitkin & Carlton County, MN

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

Spread:8 Map: 107 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

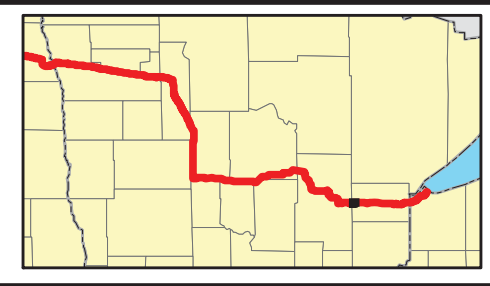
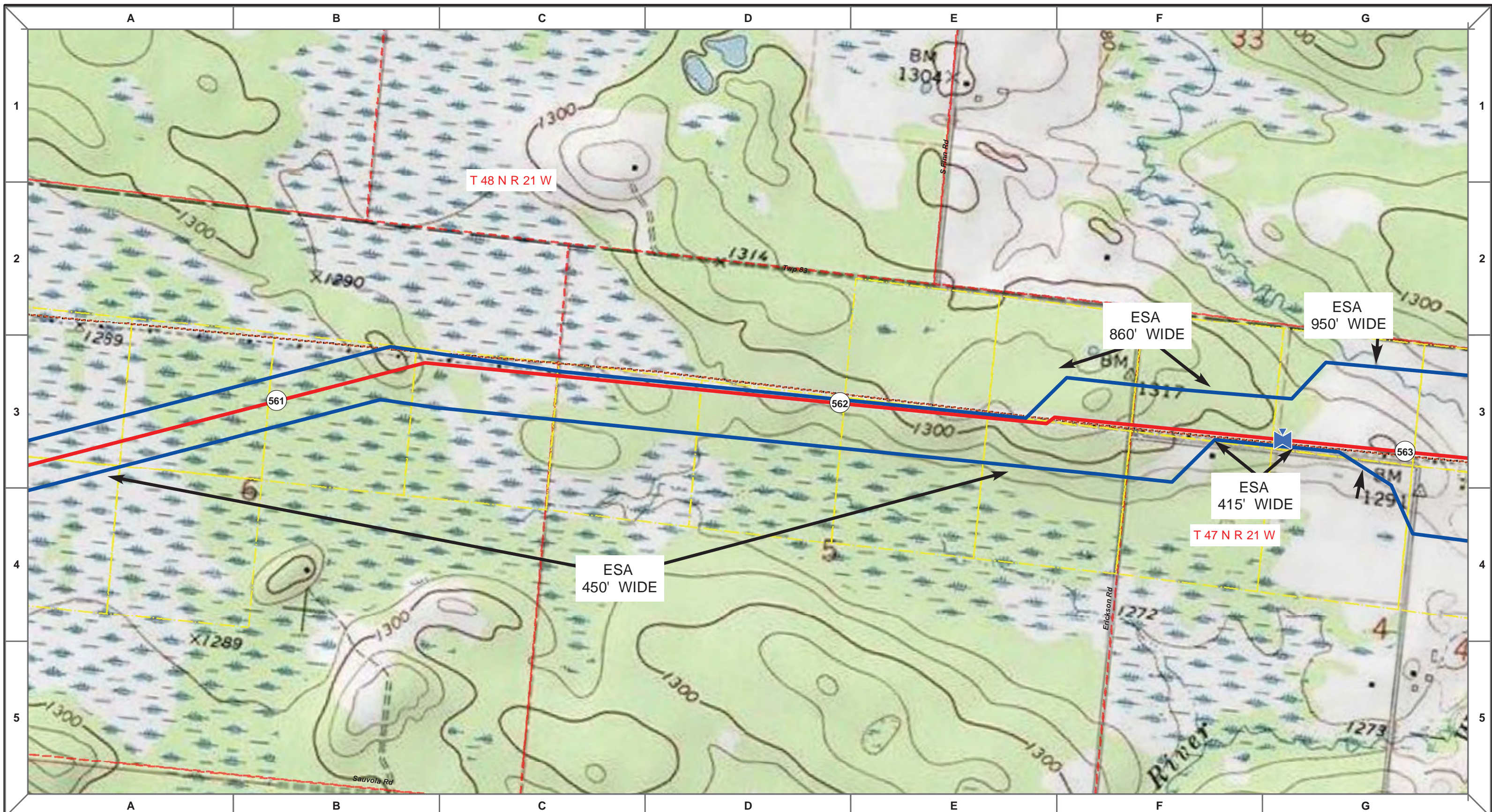
MLB		10/10/13	0		
DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
					PUC Submittal

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

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

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

Spread:8 Map: 108 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

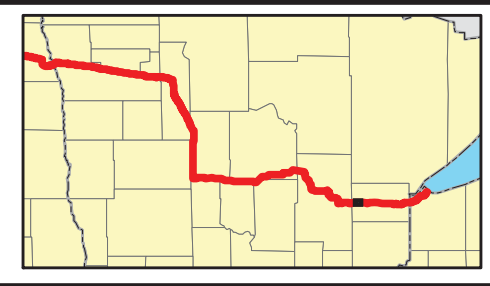
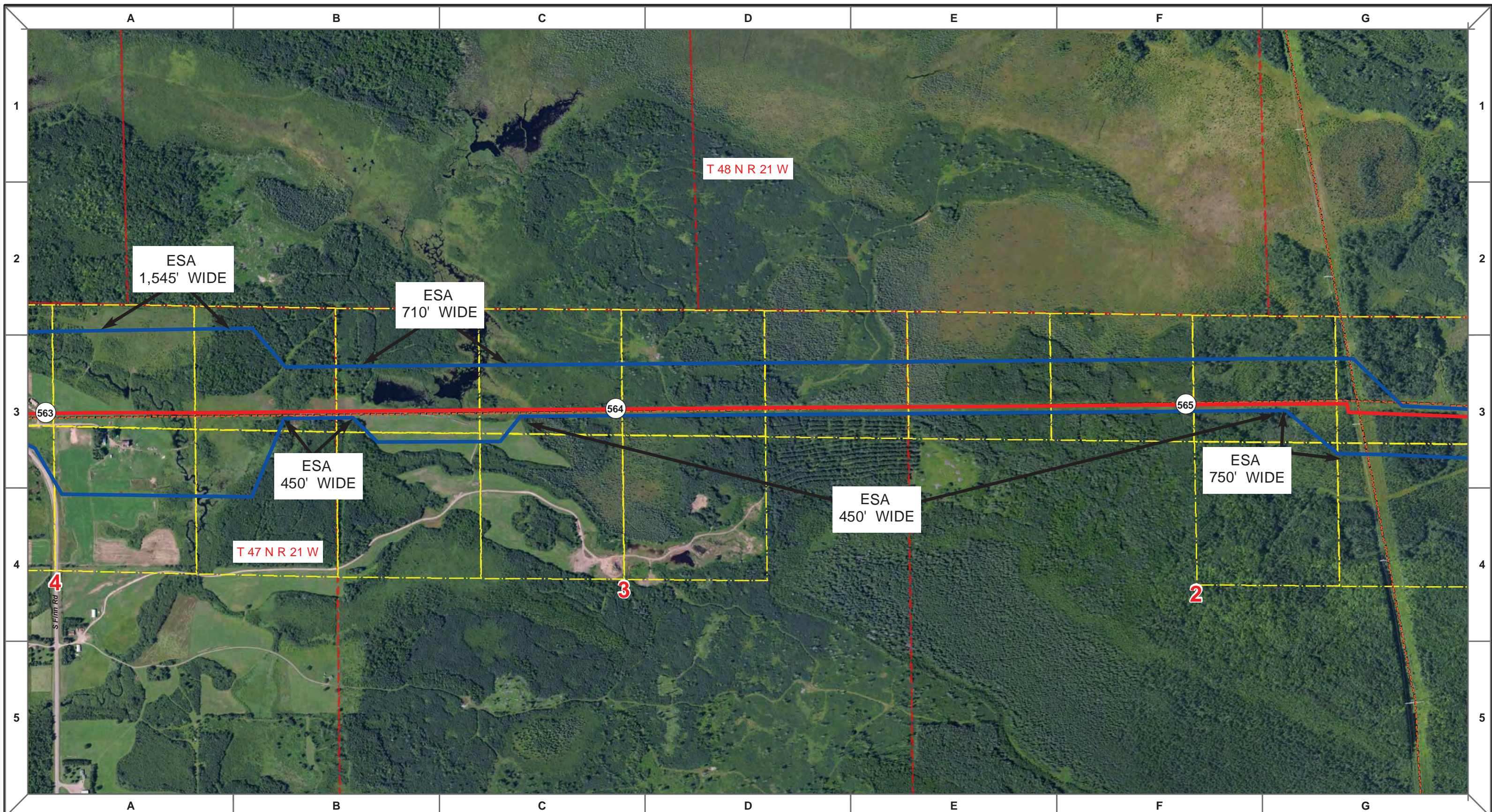
MLB	DATE	REV NO.	DESCRIPTION
	10/10/13	0	PUC Submittal

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

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

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

Spread:8 Map: 108 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



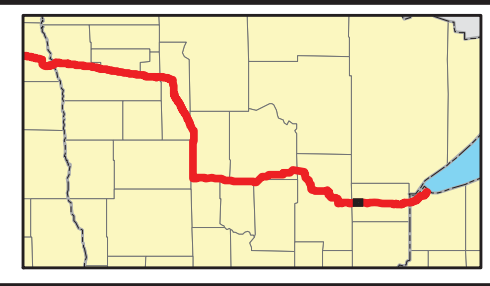
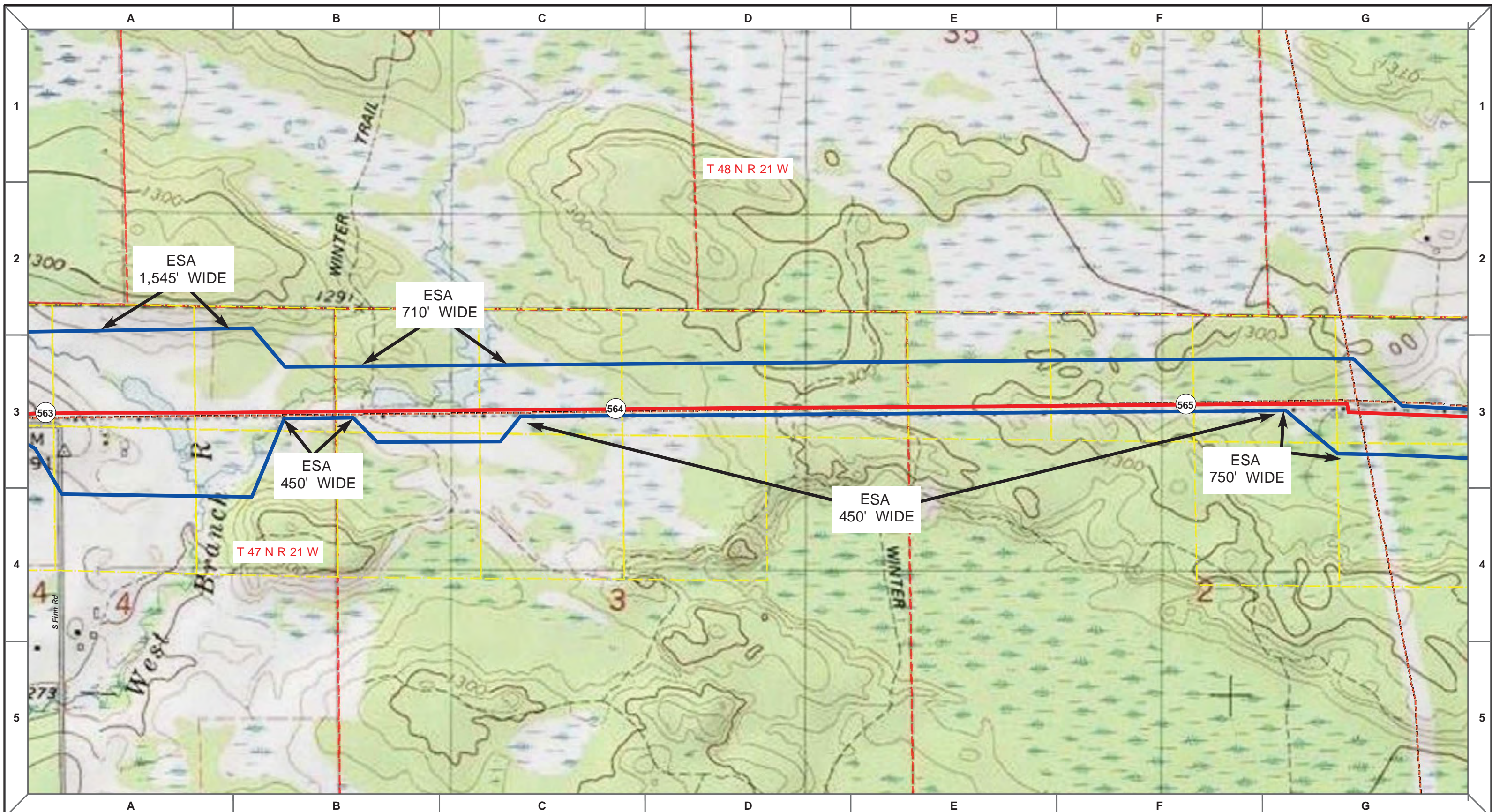
MLB		10/10/13	0		PUC Submittal
DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

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

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

Spread:8
Map: 109 of 128



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

500 250 0 500 1,000 Feet

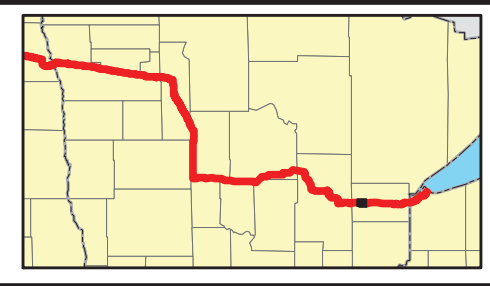
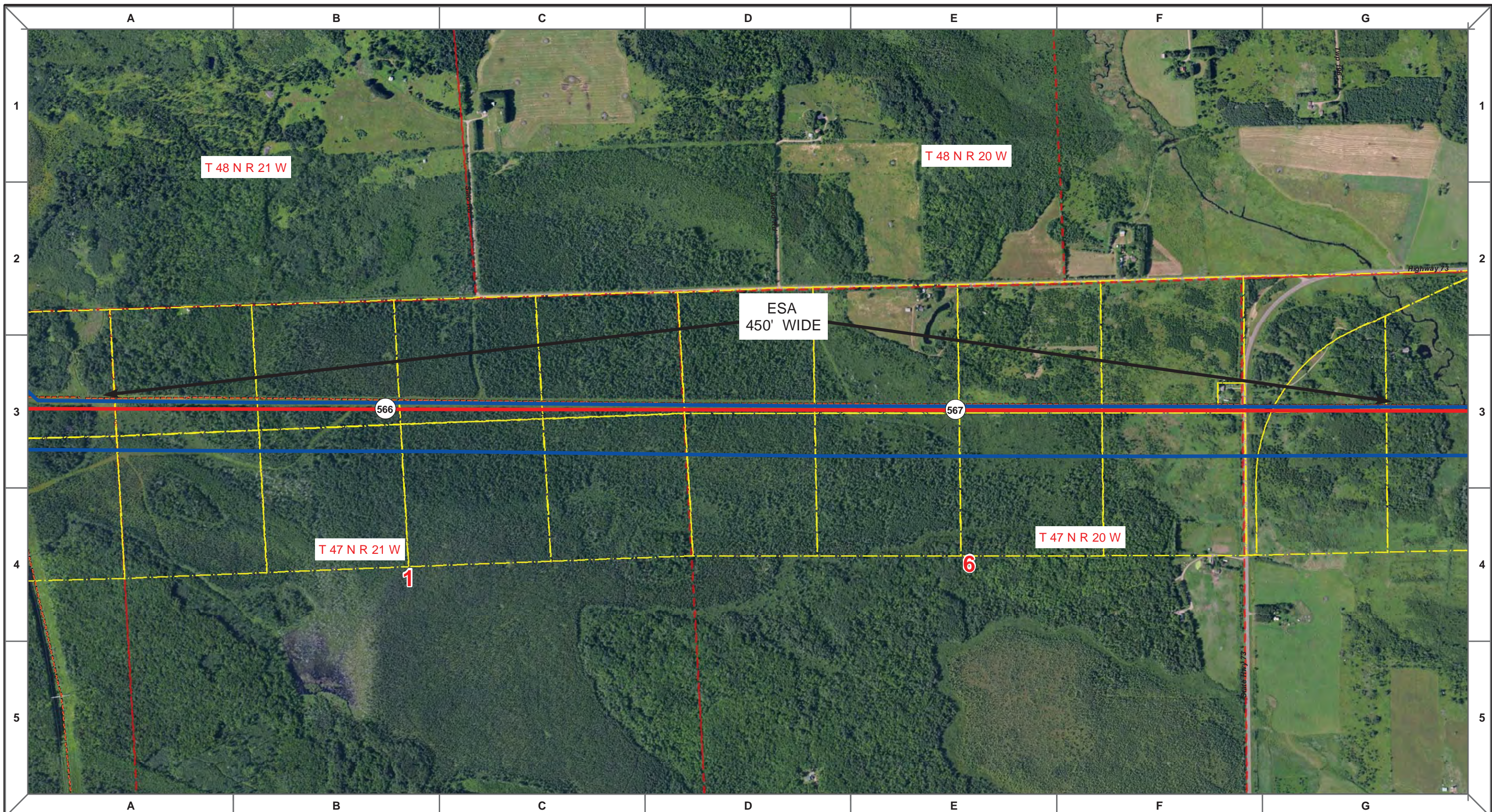
MLB	DATE	REV NO.	DESCRIPTION
	10/10/13	0	PUC Submittal

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

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

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

Spread:8 Map: 109 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

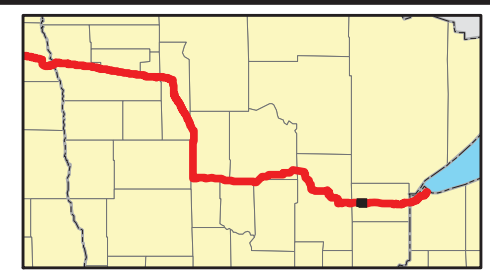
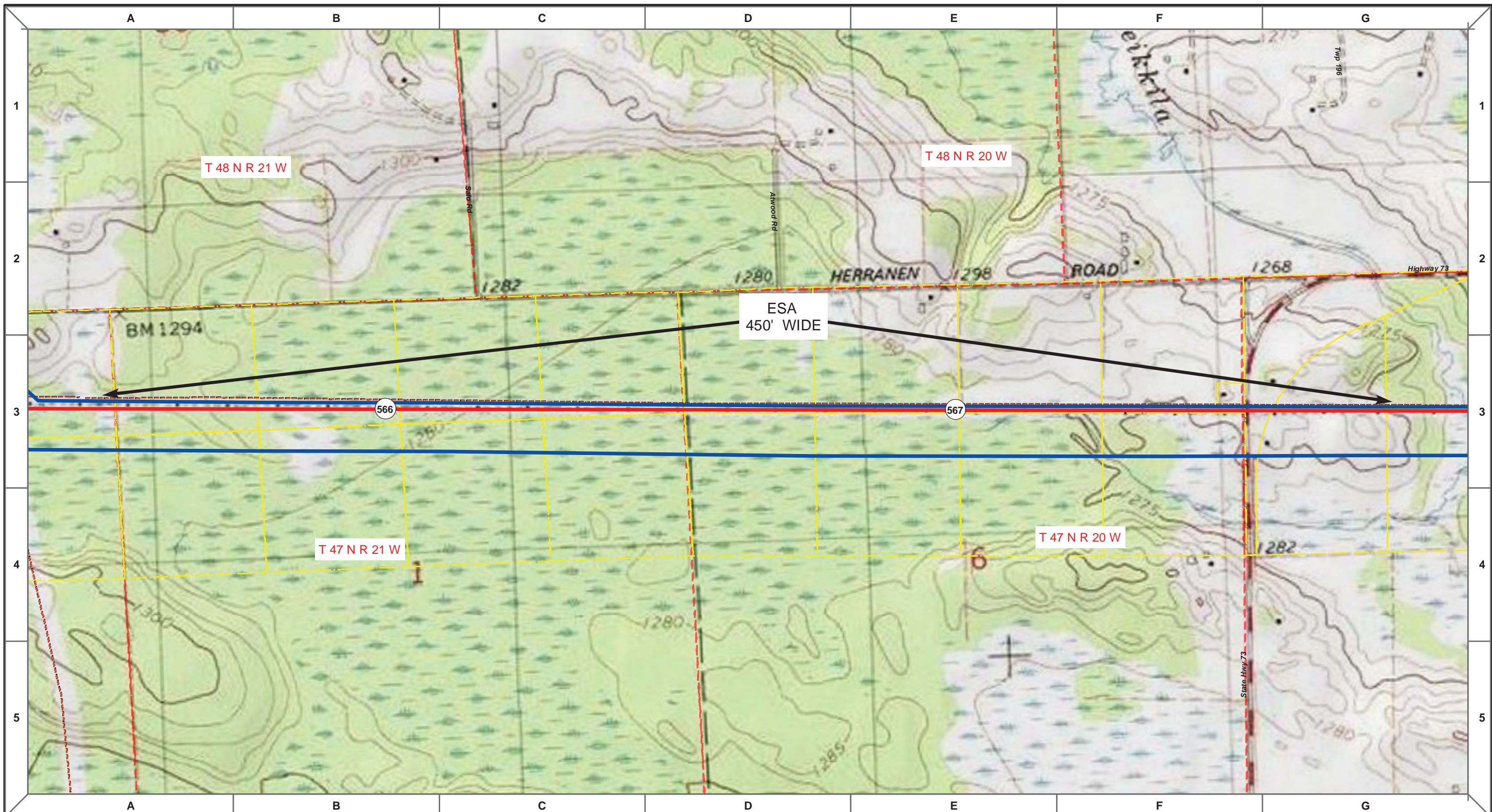
DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
MLB			10/10/13	0	PUC Submittal

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

PROPOSED SANDPIPER PIPELINE PROJECT
ROUTE MAP
Carlton County, MN

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

Spread:8 Map: 110 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

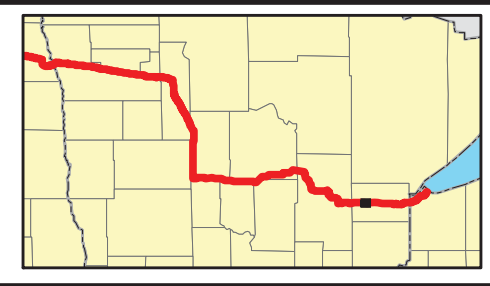
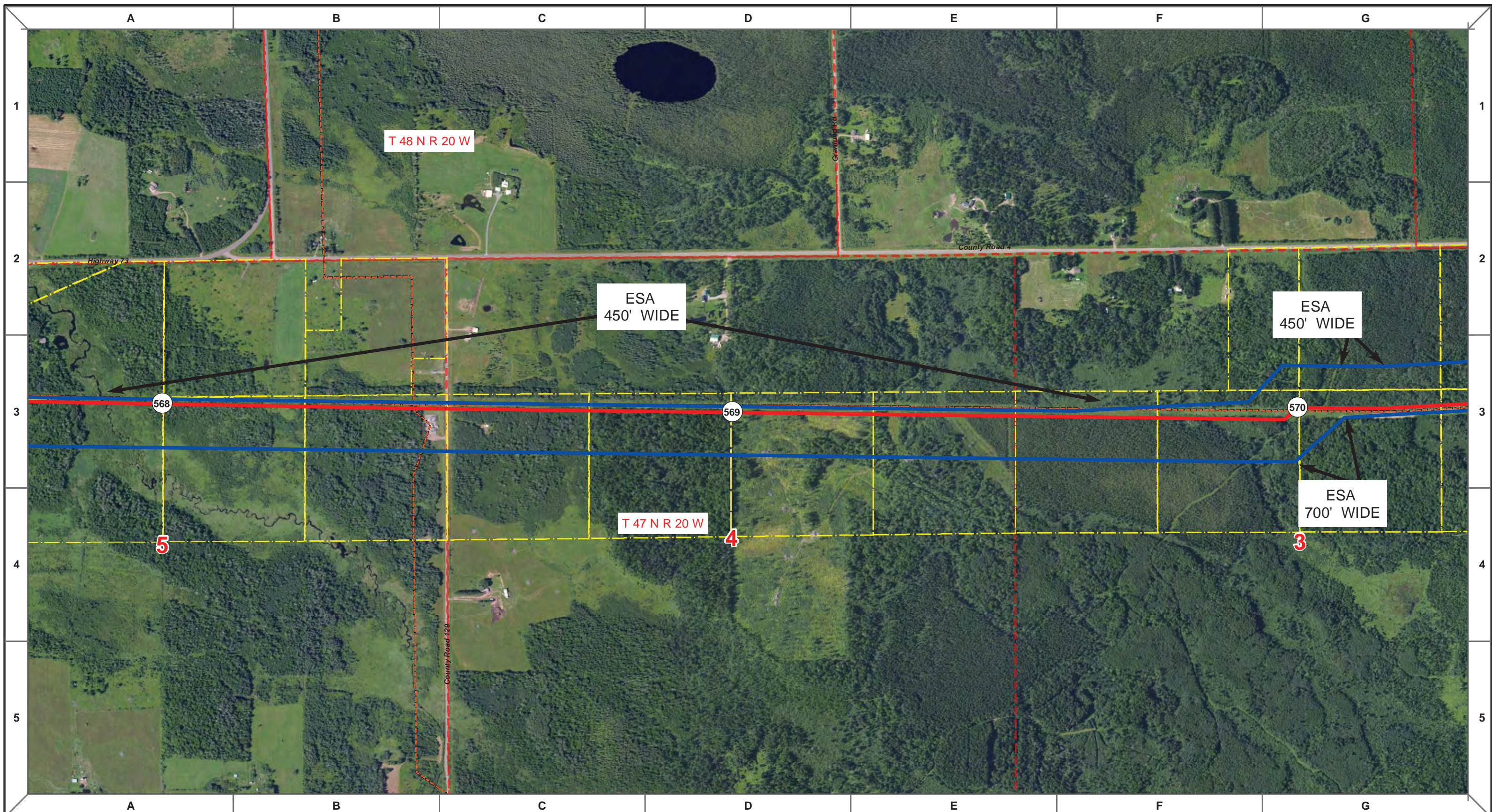
MLB	10/10/13	0	PUC Submittal
DRAWN	CHECKED	APPROVED	DATE
REV NO.	DESCRIPTION		

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

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

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

Spread:8 Map: 110 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

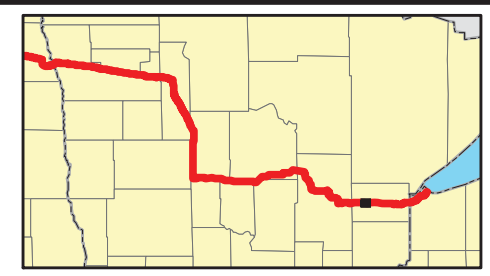
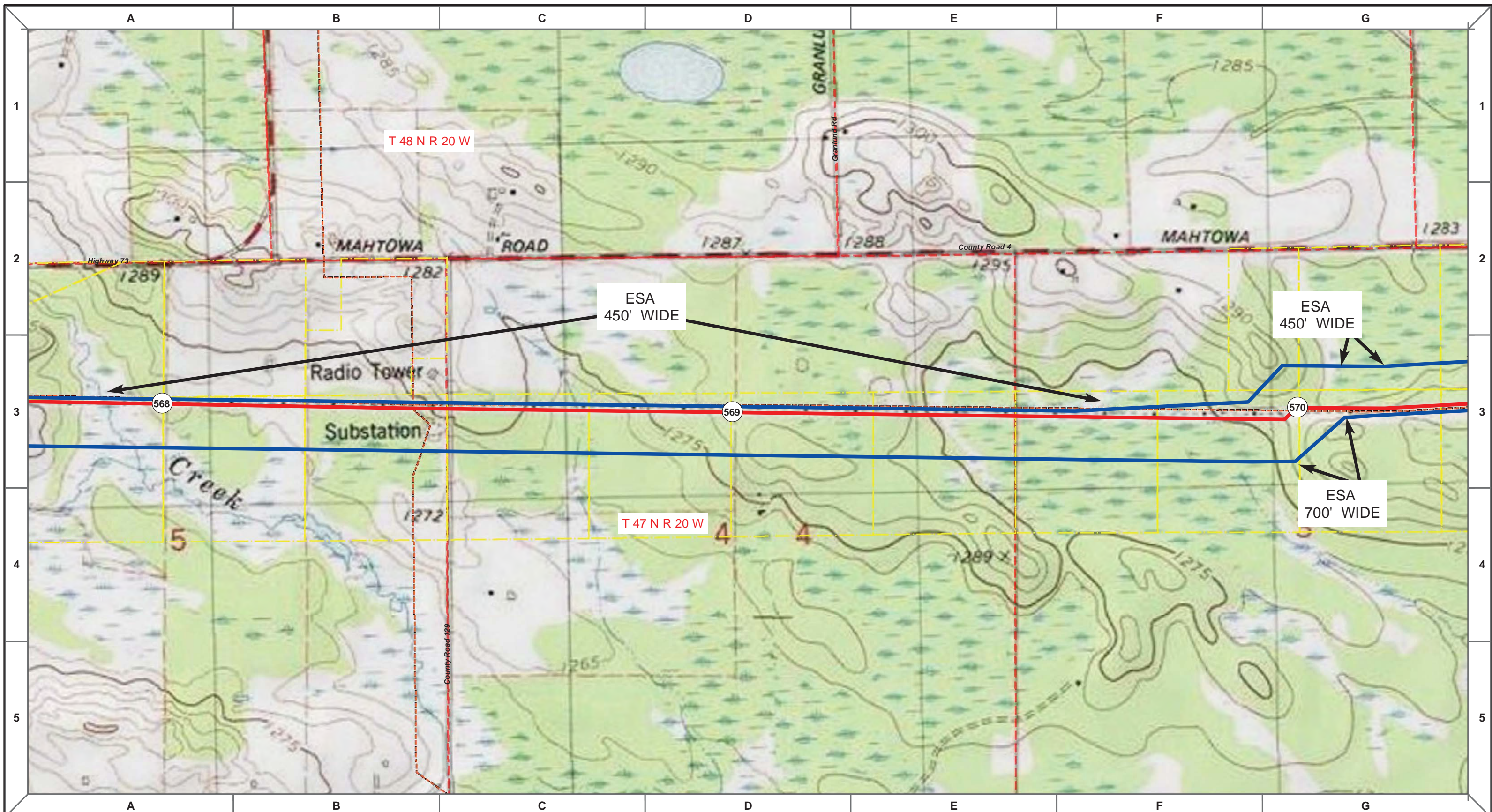
MLB		10/10/13	0		
DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
					PUC Submittal

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

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

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

Spread:8 Map: 111 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		

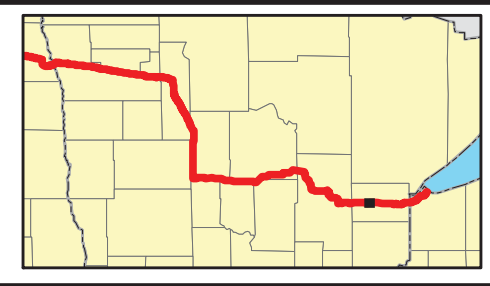
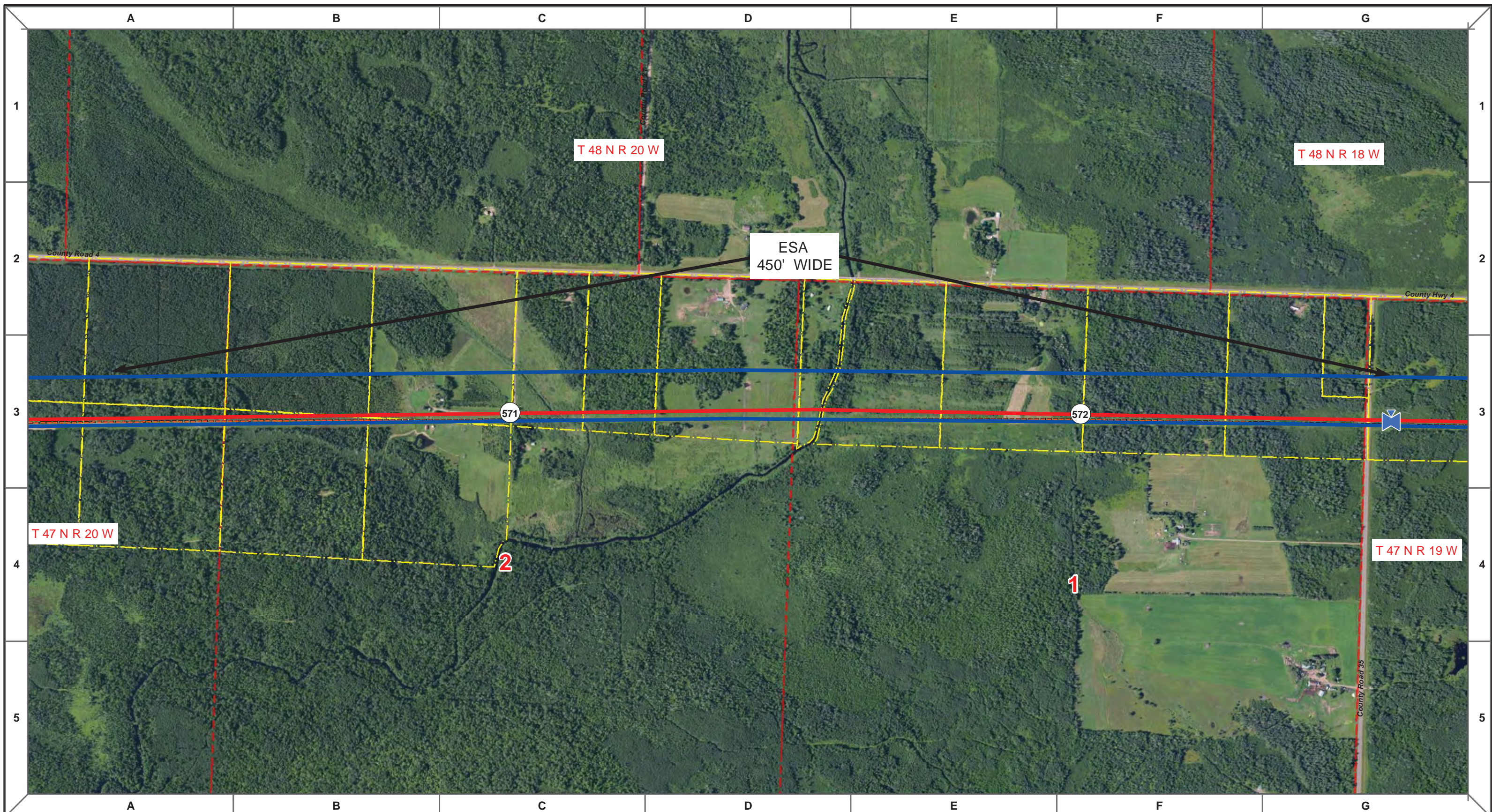
MLB	DATE	REV NO.	DESCRIPTION
	10/10/13	0	PUC Submittal

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

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

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

Spread:8 Map: 111 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

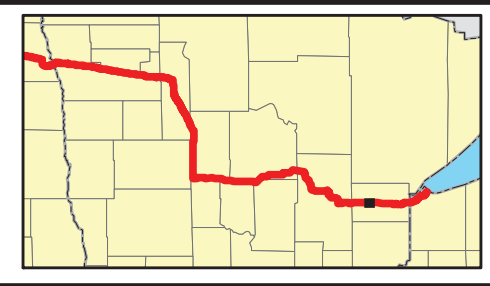
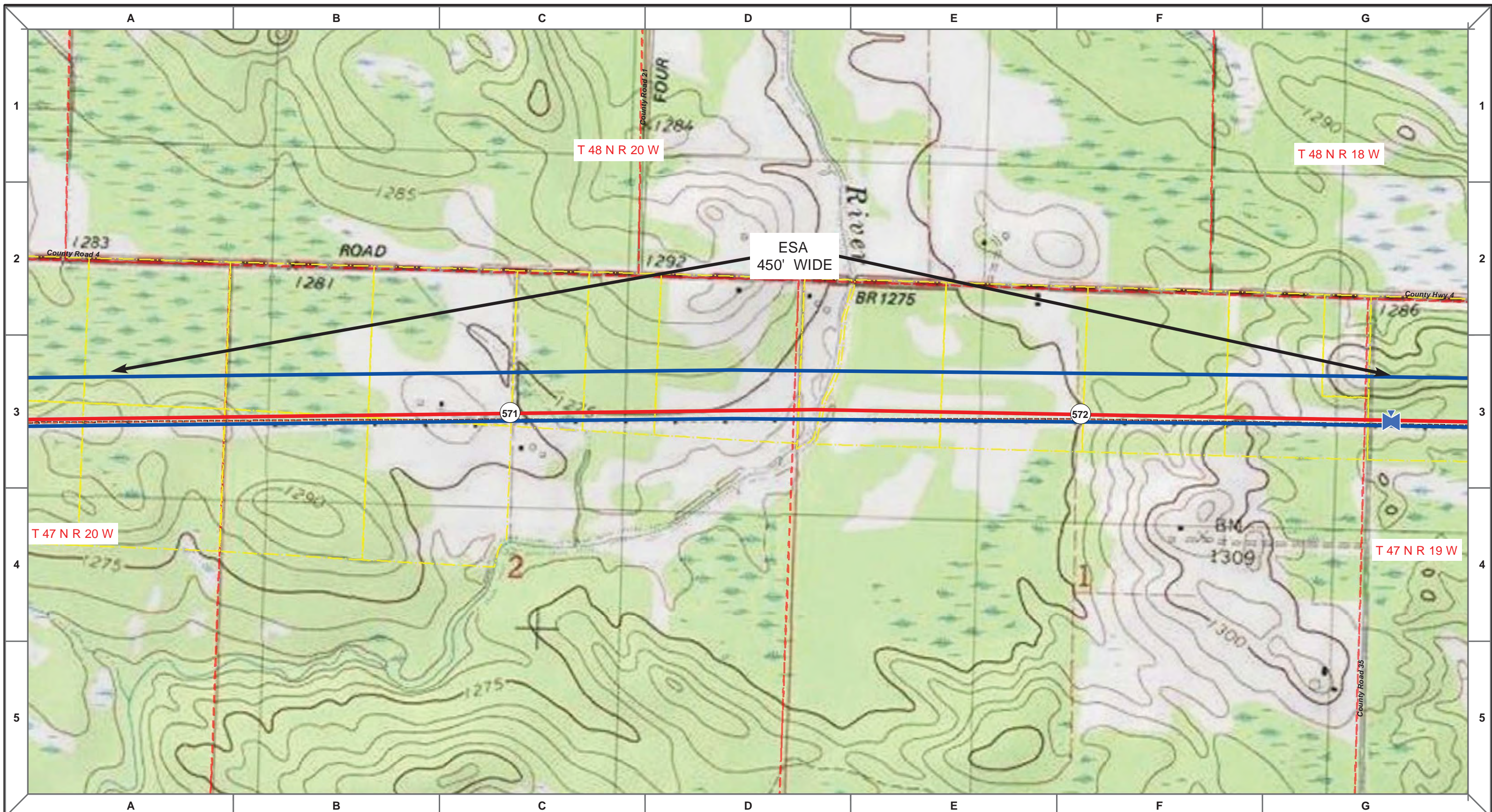
MLB		10/10/13	0		
DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
					PUC Submittal

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

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

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

Spread:8 Map: 112 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

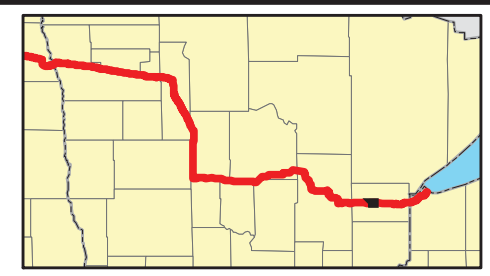
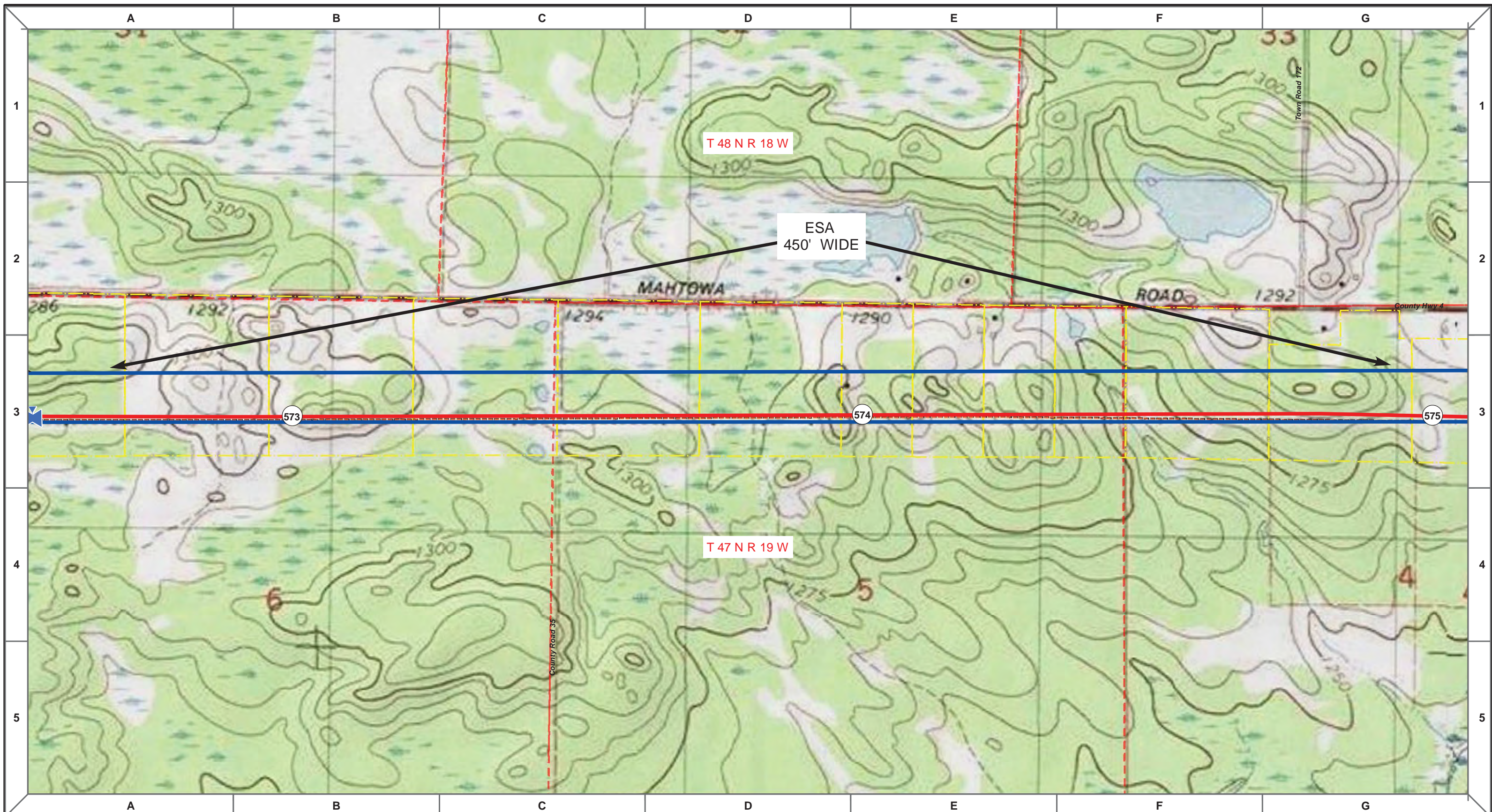
MLB	DATE	REV NO.	DESCRIPTION
	10/10/13	0	PUC Submittal

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

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

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

Spread:8 Map: 112 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

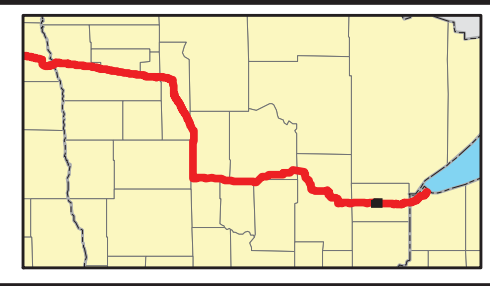
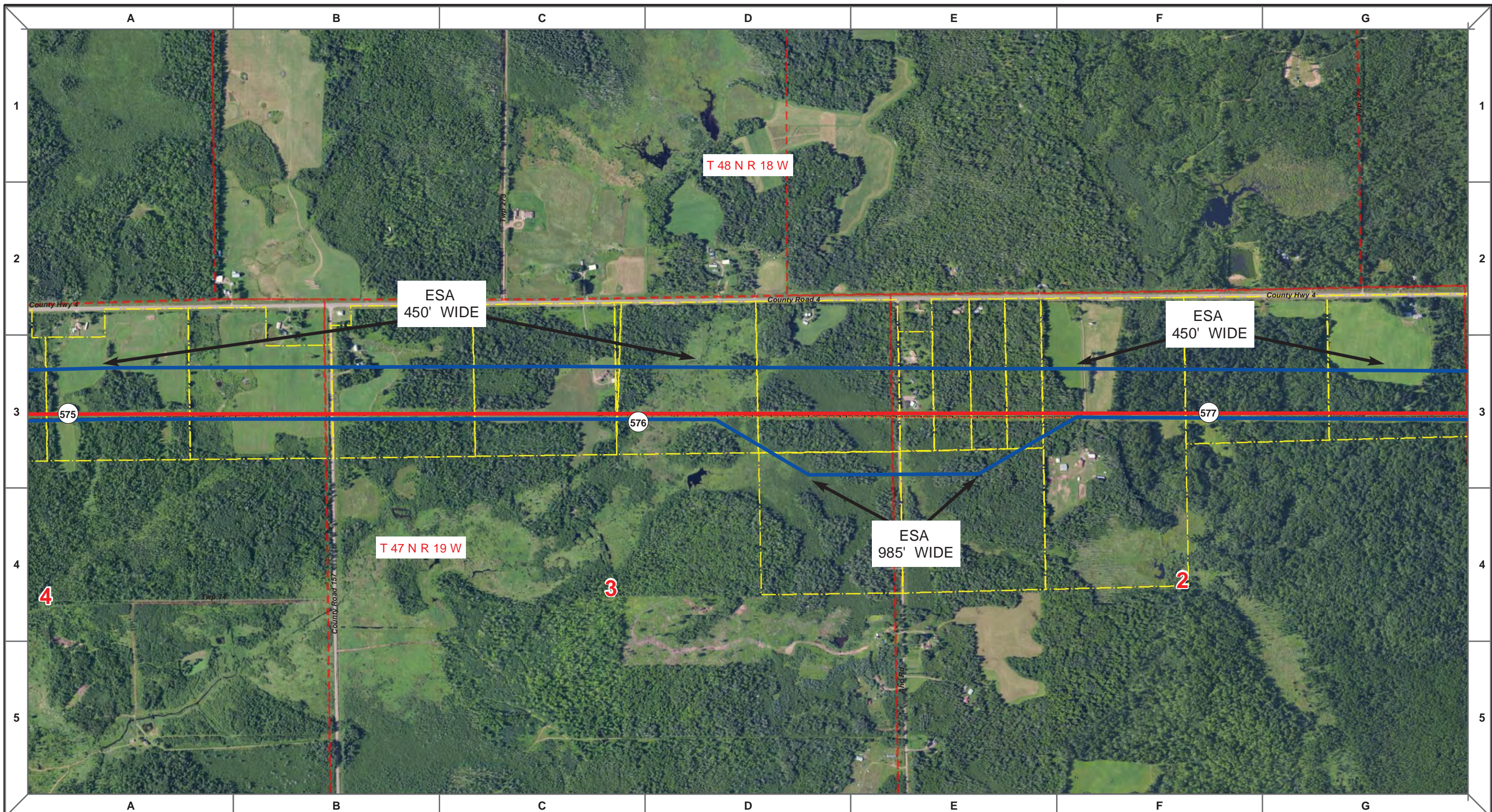
MLB	DATE	REV NO.	DESCRIPTION
	10/10/13	0	PUC Submittal

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

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

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

Spread:8 Map: 113 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

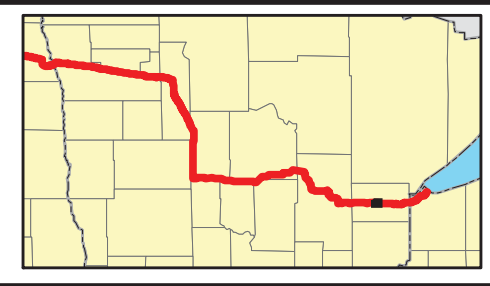
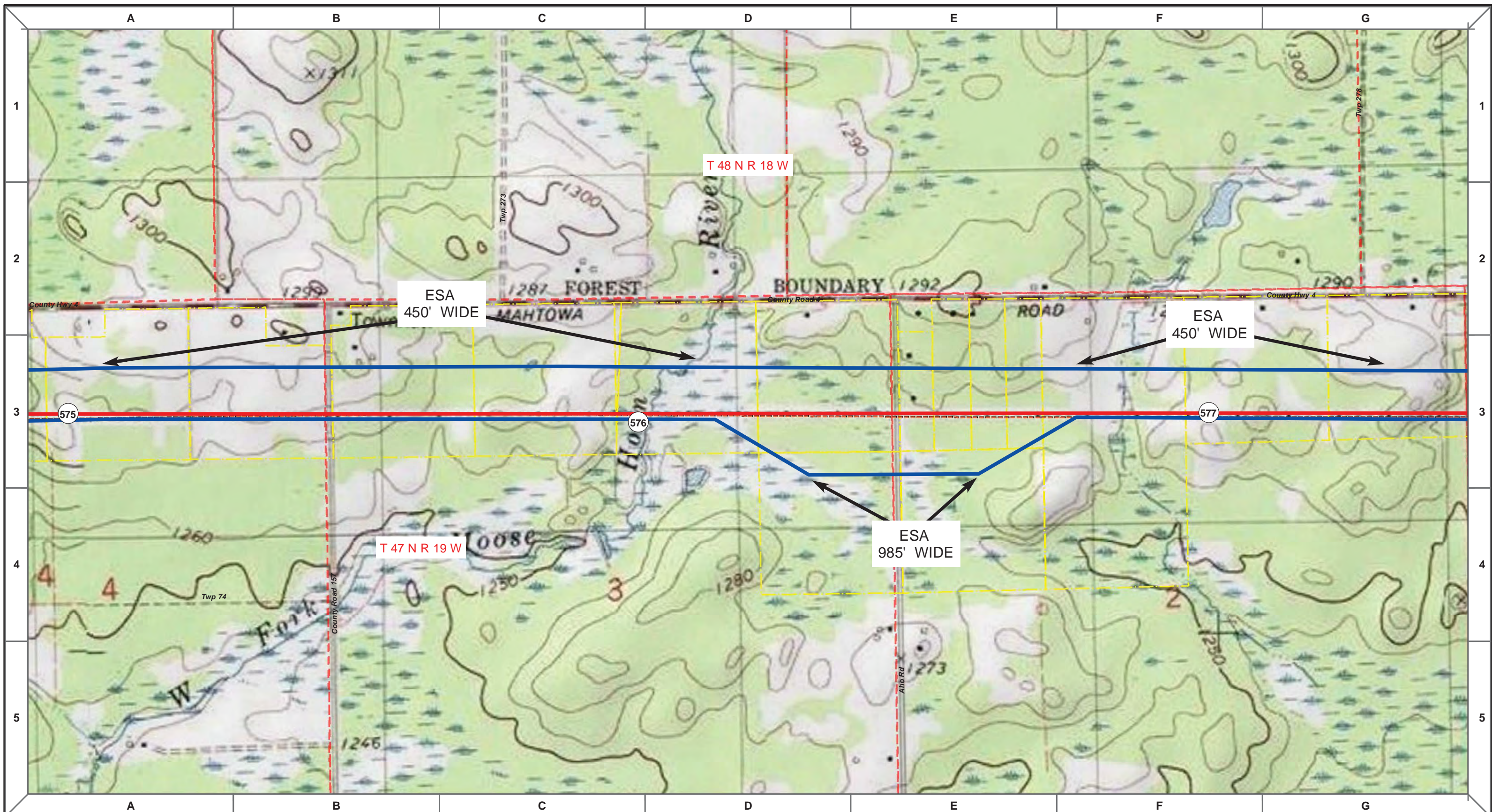
MLB		10/10/13	0		
DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION
					PUC Submittal

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

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

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

Spread:8 Map: 114 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		10/10/13	0		
DRAWN	CHECKED	APPROVED	DATE	REV NO.	DESCRIPTION

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

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

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

Spread:8 Map: 114 of 128