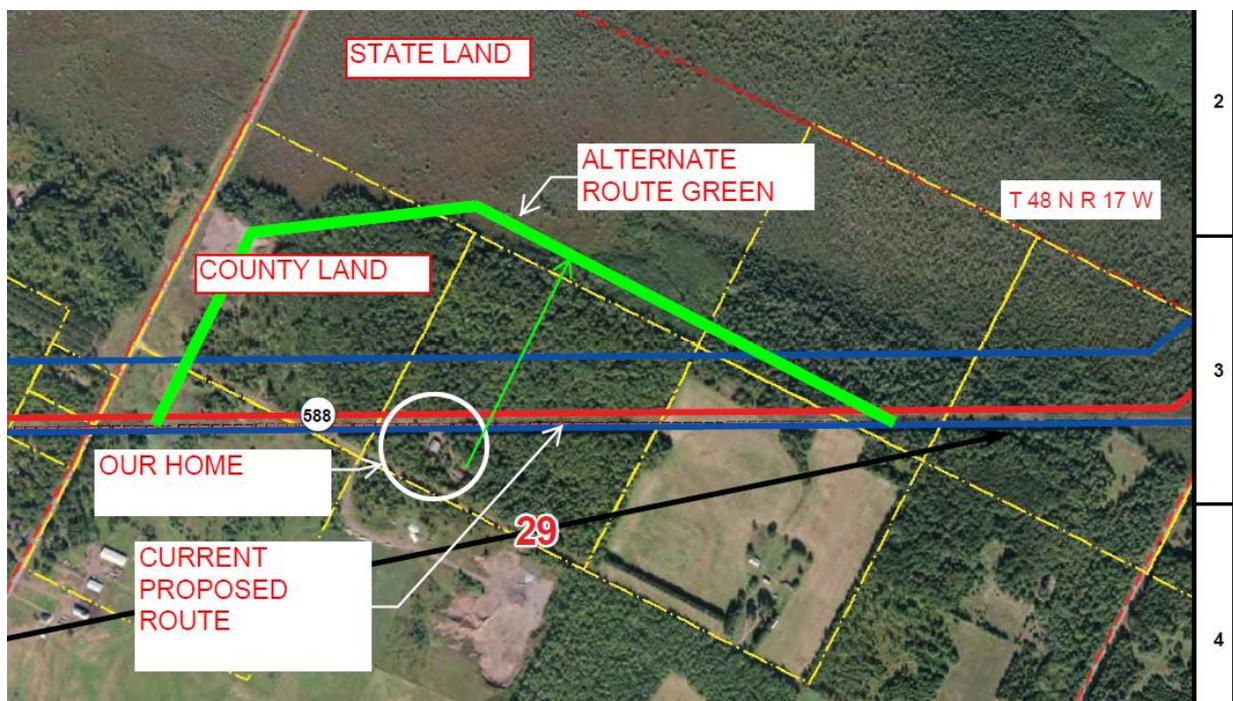


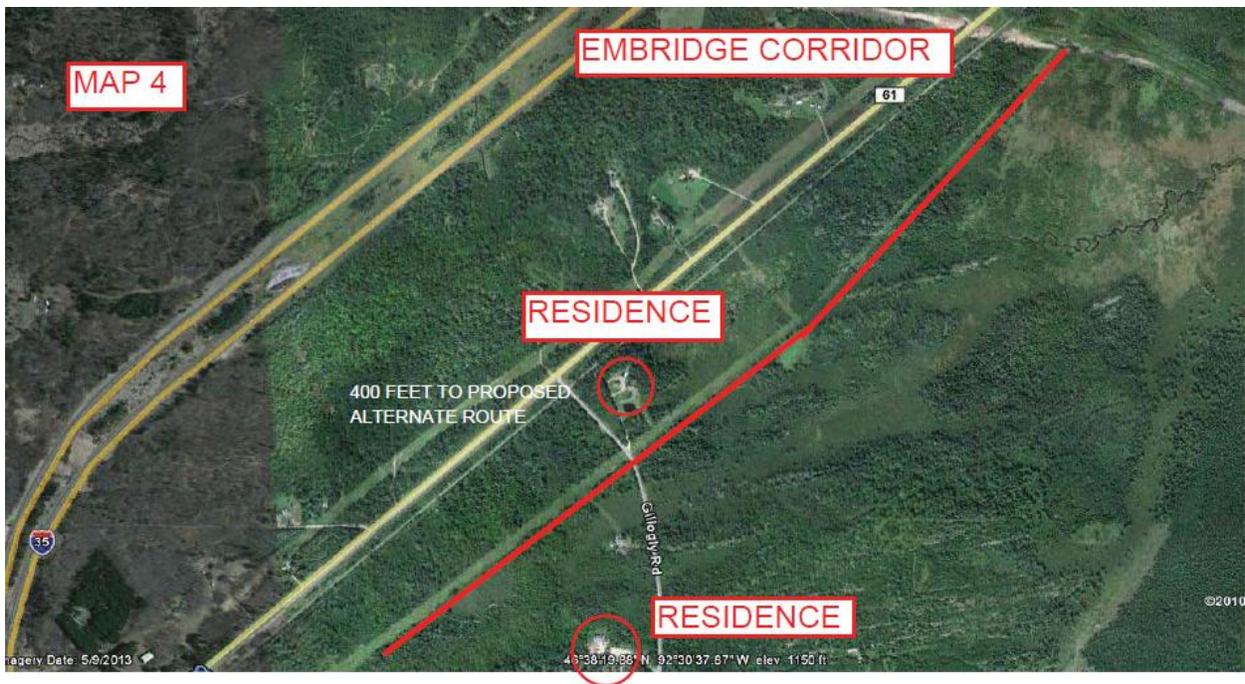
This is a revision of document ID 20142-96277-01 which was submitted on 2-10-2014. Residences and distances to the proposed alternate routes are identified along with a better understanding on why an alternate route is being asked for.

We live in section 29 of Twin Lakes Township in Carlton County in the state of Minnesota. The proposed alternate route of the southern route of the Sandpiper pipeline will bring the pipeline within 250 feet of our house. I wish to submit two alternate route proposals, the image below is part of the maps labeled map 118 of 123 submitted to the PUC for review, our home is indicated by a white circle on the image below, an alternate route in green on this page would take this proposed pipeline approx 1100 feet from our home instead of the current 250 feet that is being proposed. The alternate route would be on the land to the west of our 40 acres which is Carlton County Land and on the land to the north of our 40 acres which is State of Minnesota land.

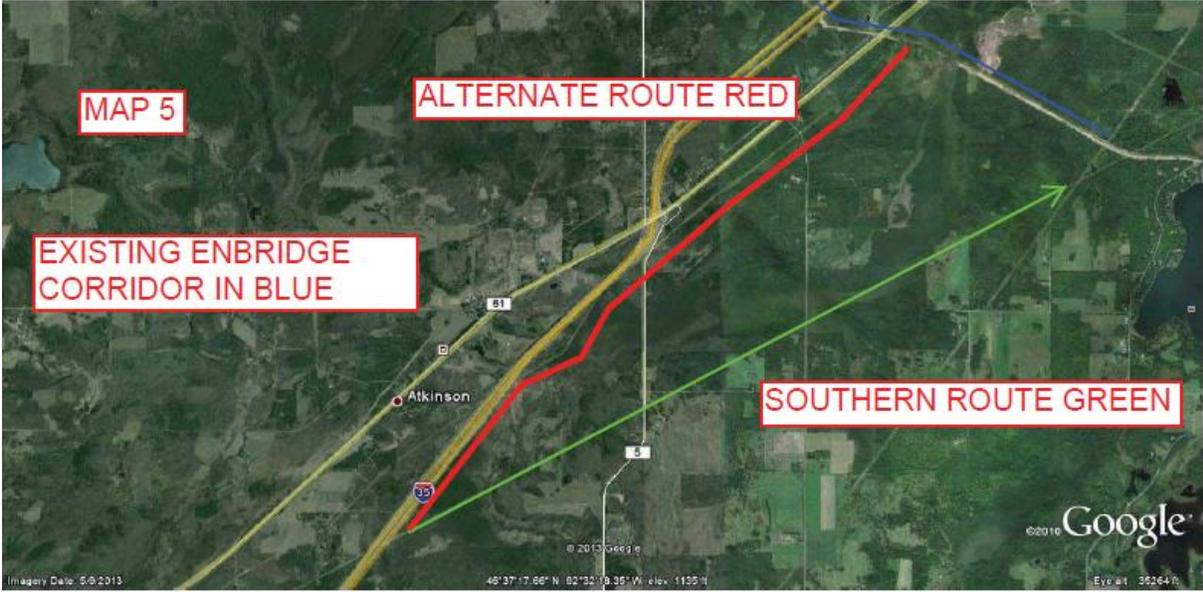


The next series of maps labeled maps 1 through 4 below is an alternate route that follows a gas pipeline corridor that parallels Interstate 35 and connects up to both the current proposed alternate route of the southern route that is submitted to the PUC and to Enbridge's existing pipeline corridor. Existing residences are shown with a red circle along with approximate distance to the alternate route submitted in this document. The current proposed route follows the green path which is the electrical line corridor traveling NE on map 1. Please review and consider both of these alternates for the southern route of the Sandpiper pipeline for PUC Document Number 473 and 474.





This map labeled map 5 is an overview of both the existing proposed Southern route (in green) and the alternate route (in red) which I am submitting for your review, Enbridge's existing pipeline corridor is in blue near the top right of this map. The route in red parallels an existing gas pipeline, an electrical line corridor and also parallels Interstate 35.



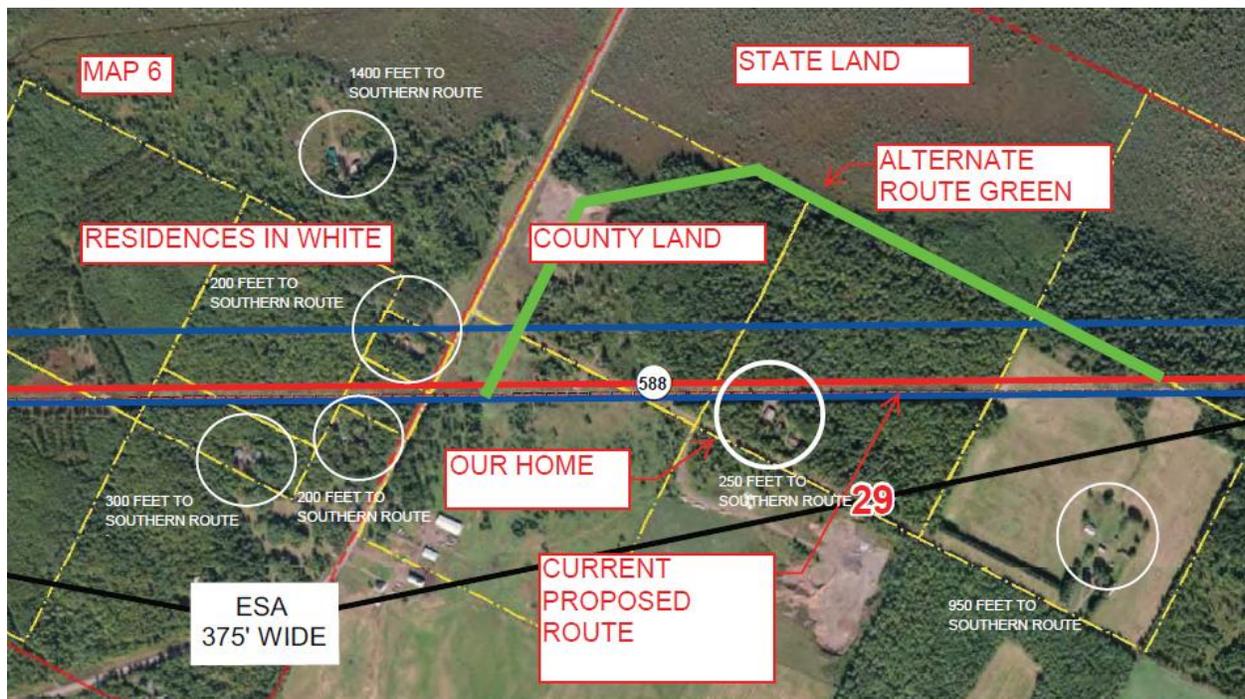
As one traverse through our property, you notice the hills and valleys throughout our land. These were created as the glaciers receded during the glacial period, these hills are known as Eskers, Eskers are known to contain gravel deposits which are evident by the number of gravel mining operations that are in this area of Carlton County, and in fact there is a mining operation adjacent to our property just across the road from us. A pipeline through our property would hinder any future gravel operations on our property.

It appears that the product that is being proposed to be transported through this pipeline (Bakken Crude or North Dakota Sweet) has a low flash point and is highly volatile, every effort should be made to keep this product as far away from human settlement as possible and future gravel mining operations on our property can also be preserved if the proposed southern Sandpiper Pipeline route is moved as indicated in these proposed alternate routes that I have submitted.

This last map label map 6 is an overview of our neighborhood showing the 6 residences (white circles) that will be affected with approximate distances to the preferred Southern Sandpiper Pipeline route. This map is the same as the first map in this document with the neighborhood residences identified.

Sincerely Yours

Joel Reed  
2237 Nendick Road  
Carlton, Mn. 55718



## Nelson, Casey (COMM)

---

**From:** joel reed <jreed2237@gmail.com>  
**Sent:** Saturday, February 08, 2014 8:24 AM  
**To:** Hartman, Larry (COMM)  
**Subject:** PUC document number 13-474  
**Attachments:** MAP-1.pdf; MAP-2.pdf; MAP-3.pdf; MAP-4.pdf; pipeline route.pdf

Mr.Hartman

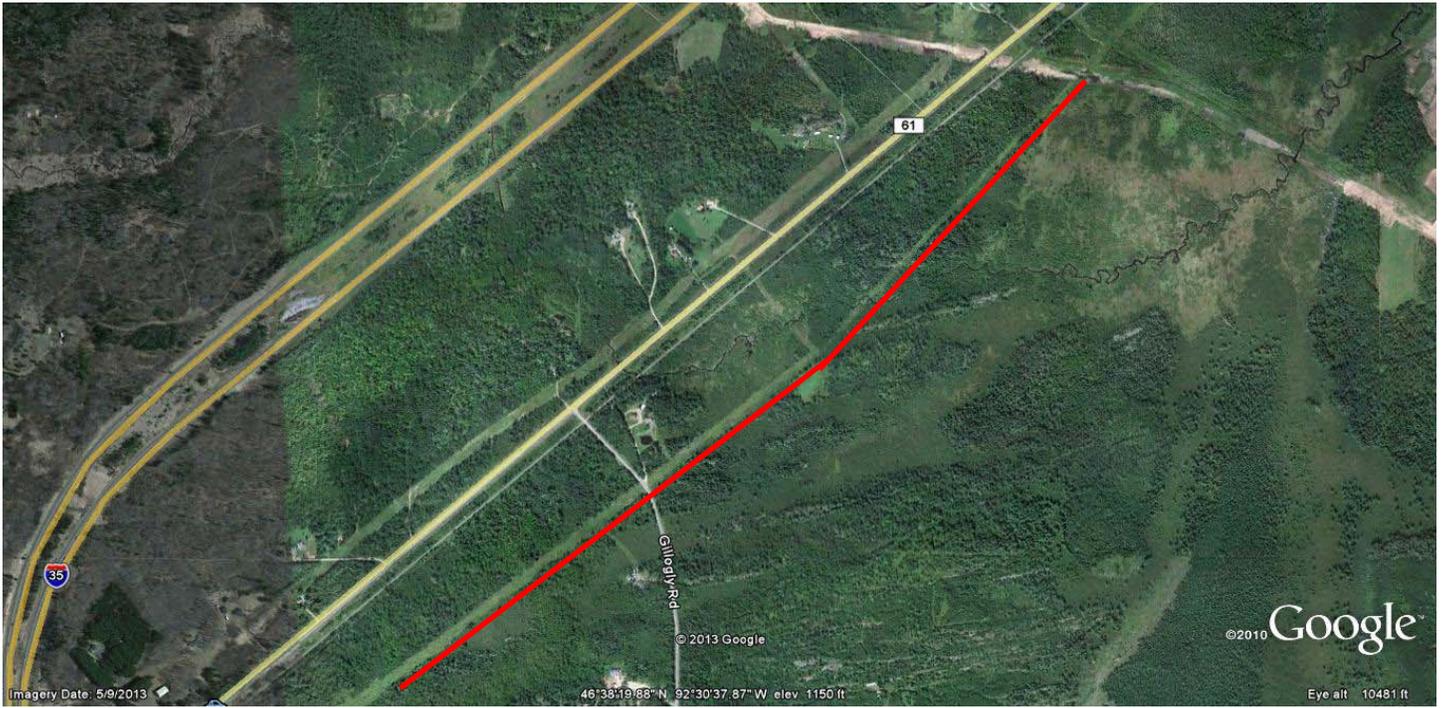
We live in section 29 of Twin Lakes Township in Carlton County in the great state of Minnesota. The proposed alternate route of the southern route of the Sandpiper pipeline will bring the pipeline within 250 feet of our house. I wish to submit two alternate route proposals, the file label Pipeline Route contains 14 pages and is one of the documents submitted to the PUC for review, our home is indicated by a white circle on page 7 of this document, an alternate route in green on this page would take this proposed pipeline approx 800 feet from our home instead of the current 250 feet that is being proposed. The second series of maps labled maps 1 through 4 is an alternate route that follows a gas pipeline corridor that parrells Interstate 35 and connects up to both the current proposed alternate route of the southern route that is submitted to the PUC and to Enbridge's existing pipeline corridor. The current proposed route follows the cleared path which is the electrical line corridor traveling NE on map 4. Please review both of these alternate routes and submit these to the Public Utility Commision for review in the PUC Document Number 13-474. A small deviation of the route would save our small piece of his Earth from being altered forever. Thank you Mr. Hartman for your time.

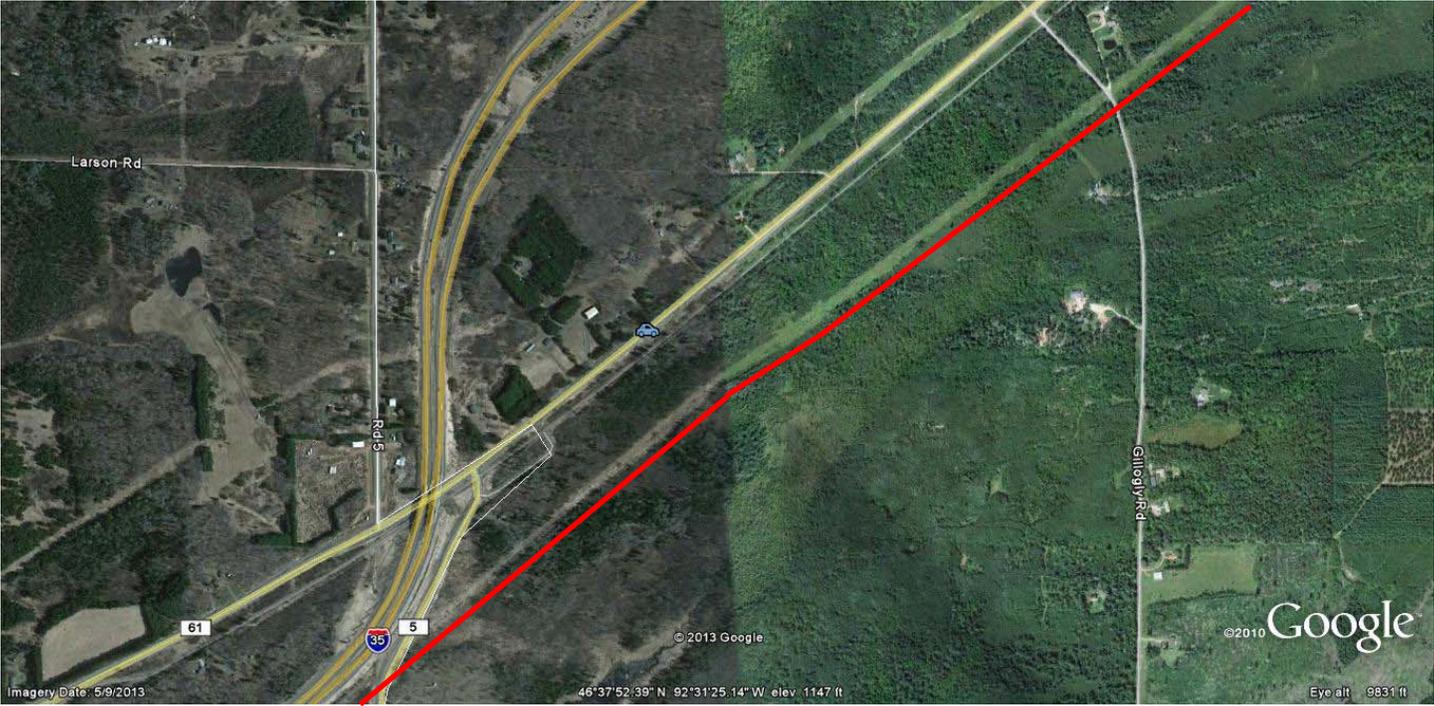
Sincerely

Joel Reed  
2237 Nendick Road  
Carlton, Mn. 55718

ph 218-384-3295  
mobile 218-591-4845

e-mail [jreed2237@gmail.com](mailto:jreed2237@gmail.com)





Larson Rd

Rd 5

Gillig Rd

61

5

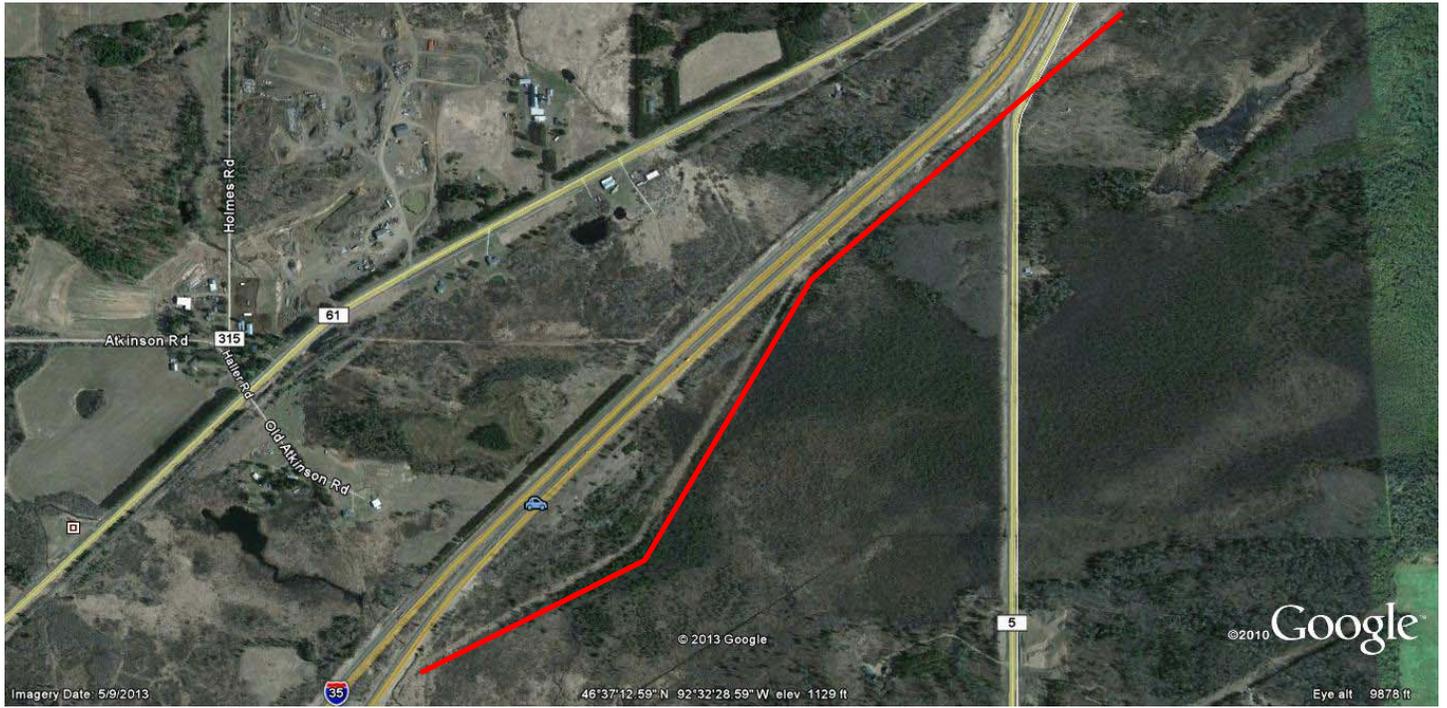
© 2013 Google

© 2010 Google

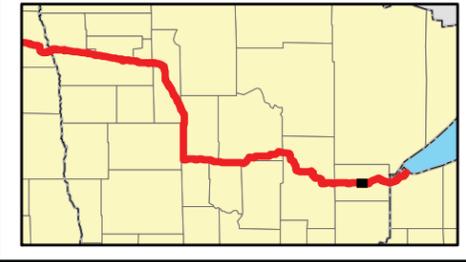
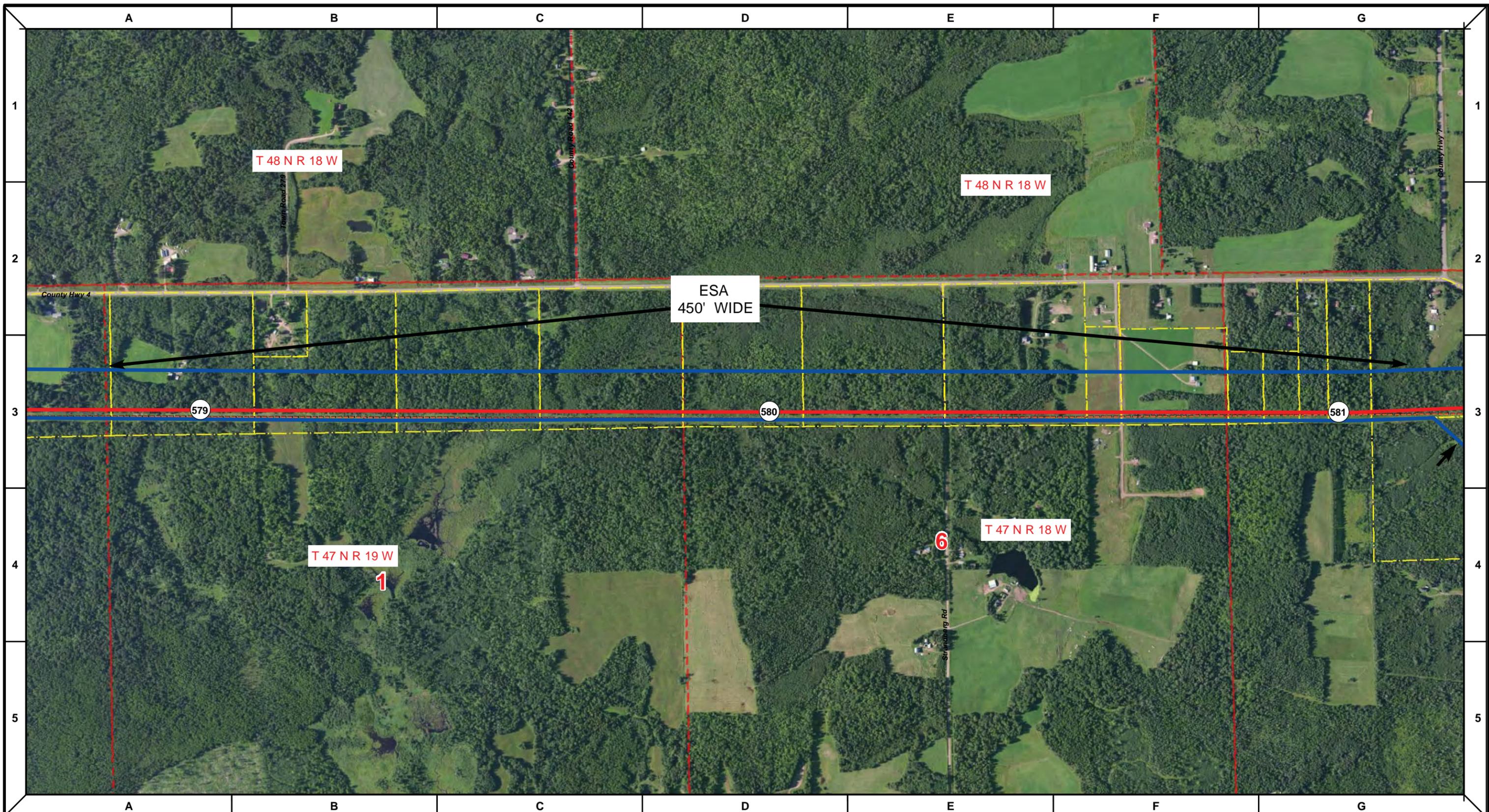
imagery Date: 5/9/2013

46°37'52.39" N 92°31'25.14" W elev: 1147 ft

Eye alt: 9831 ft







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		

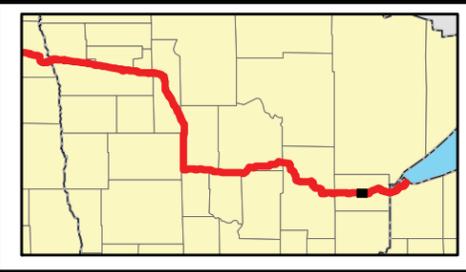
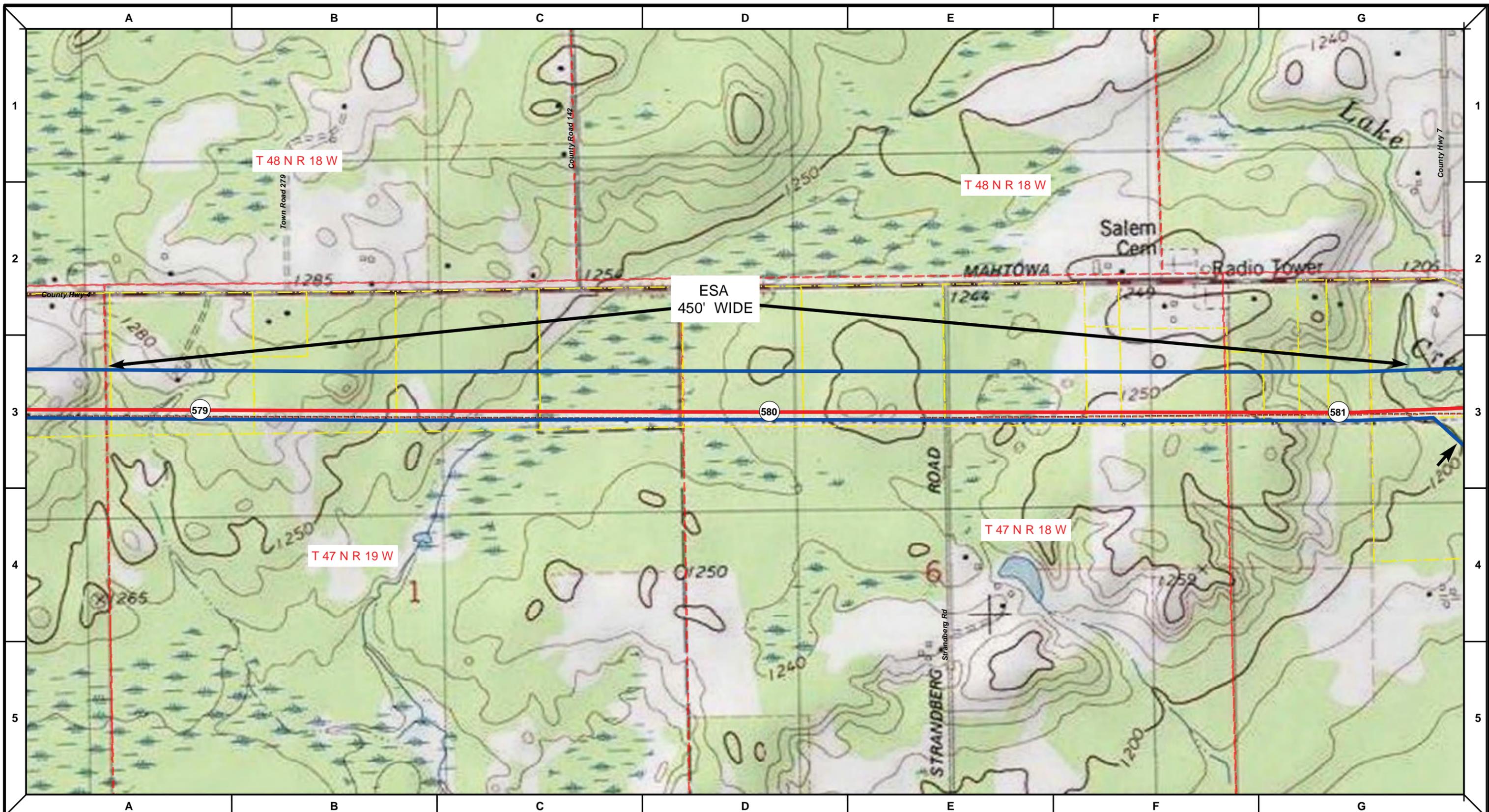
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			12/19/13	1	PUC Update - Revision D Alignment
			10/10/13	0	PUC Submittal

NORTH DAKOTA PIPELINE COMPANY LLC

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

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

Spread: 8 Map: 115 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

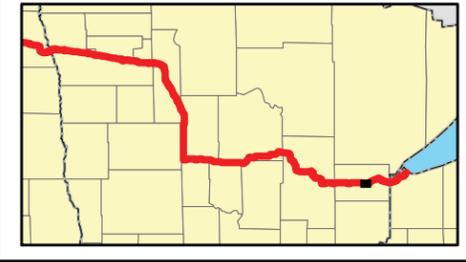
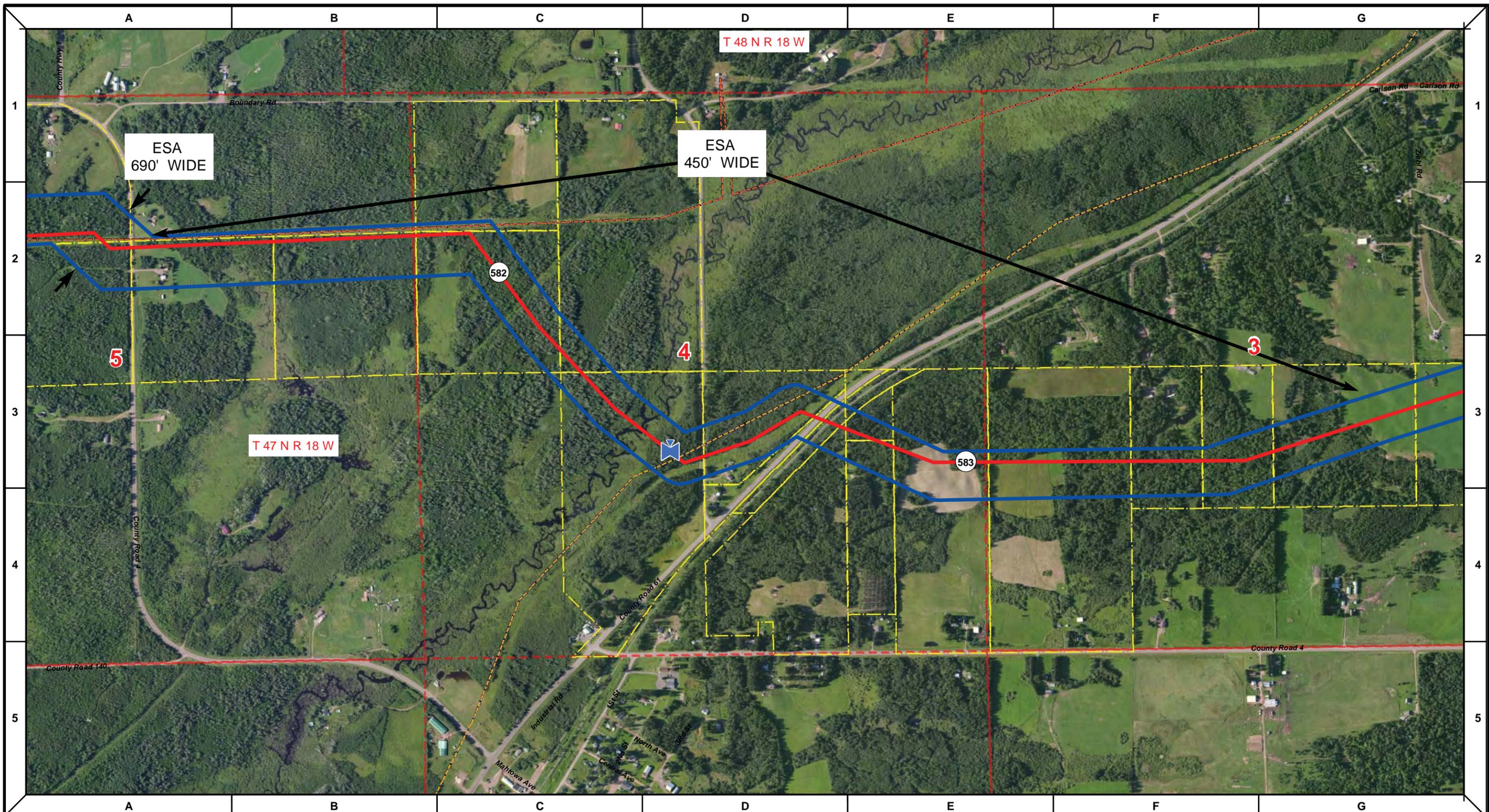
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NORTH DAKOTA PIPELINE COMPANY LLC

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

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Spread:8 Map: 115 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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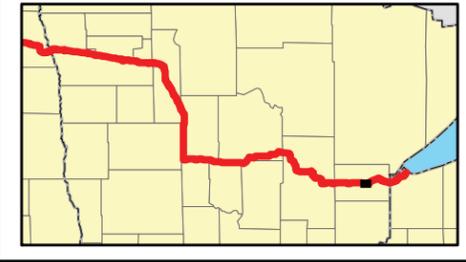
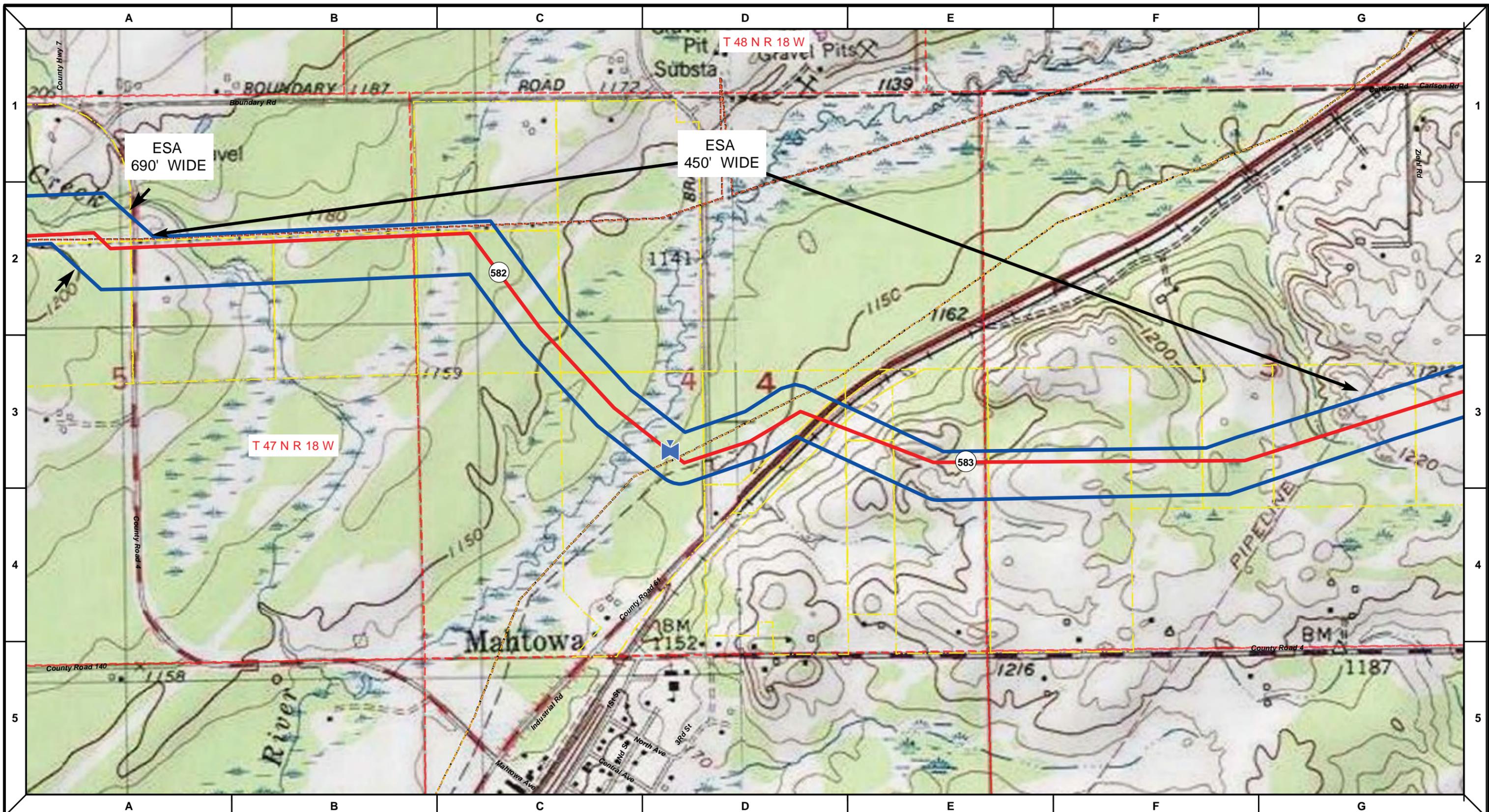
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NORTH DAKOTA PIPELINE COMPANY LLC

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

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Spread:8      Map: 116 of 123



Proposed Pipeline - Sandpiper	Milepost - Sandpiper	Tract Boundary
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SPREAD BREAK		

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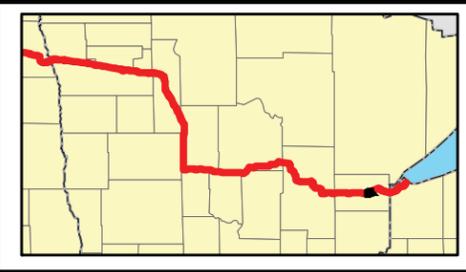
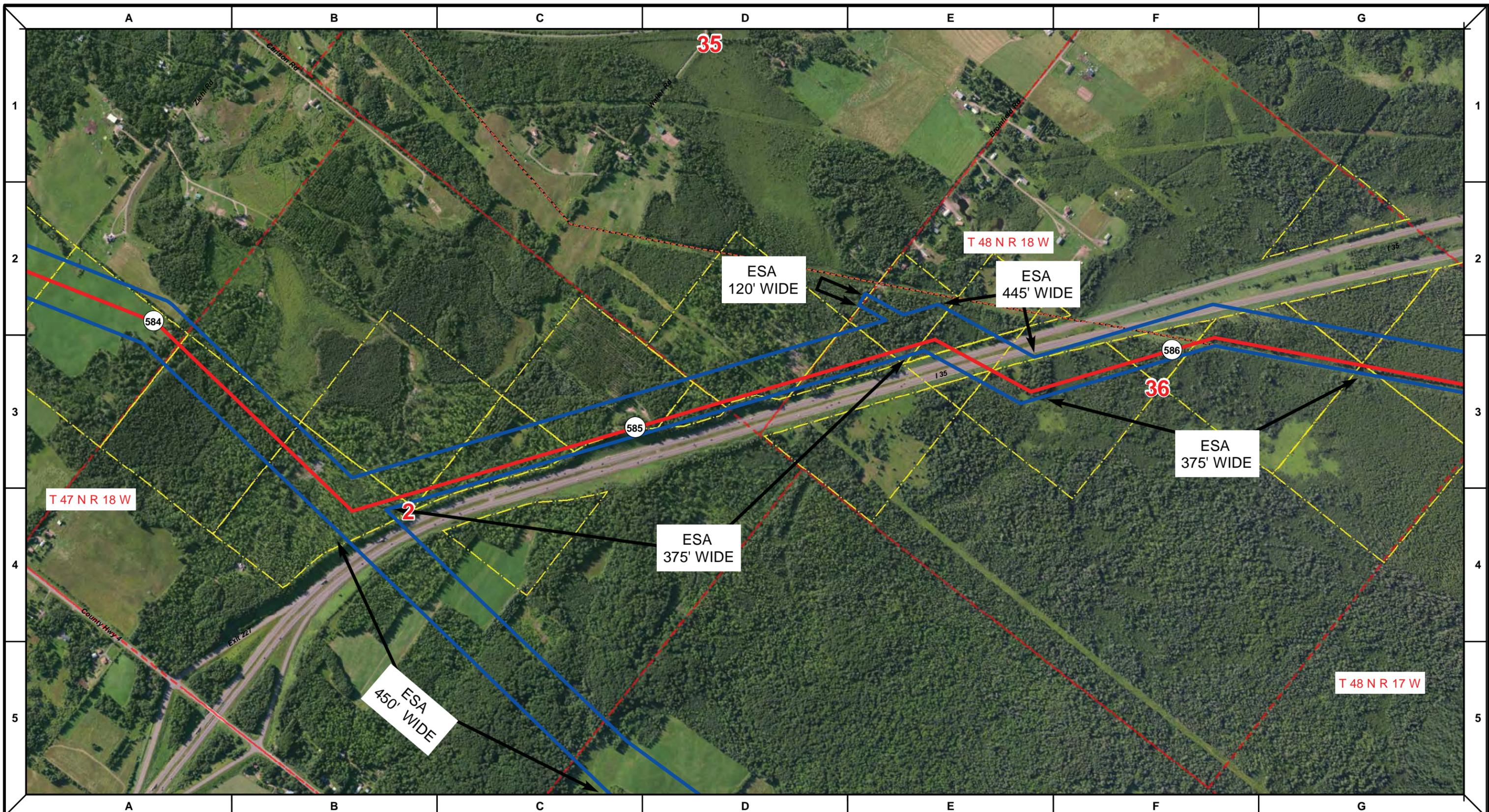
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NORTH DAKOTA PIPELINE COMPANY LLC

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

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Spread:8 Map: 116 of 123



Proposed Pipeline - Sandpiper	Milepost - Sandpiper	Tract Boundary
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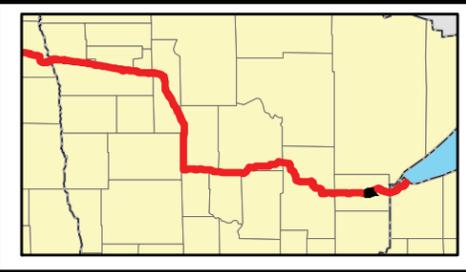
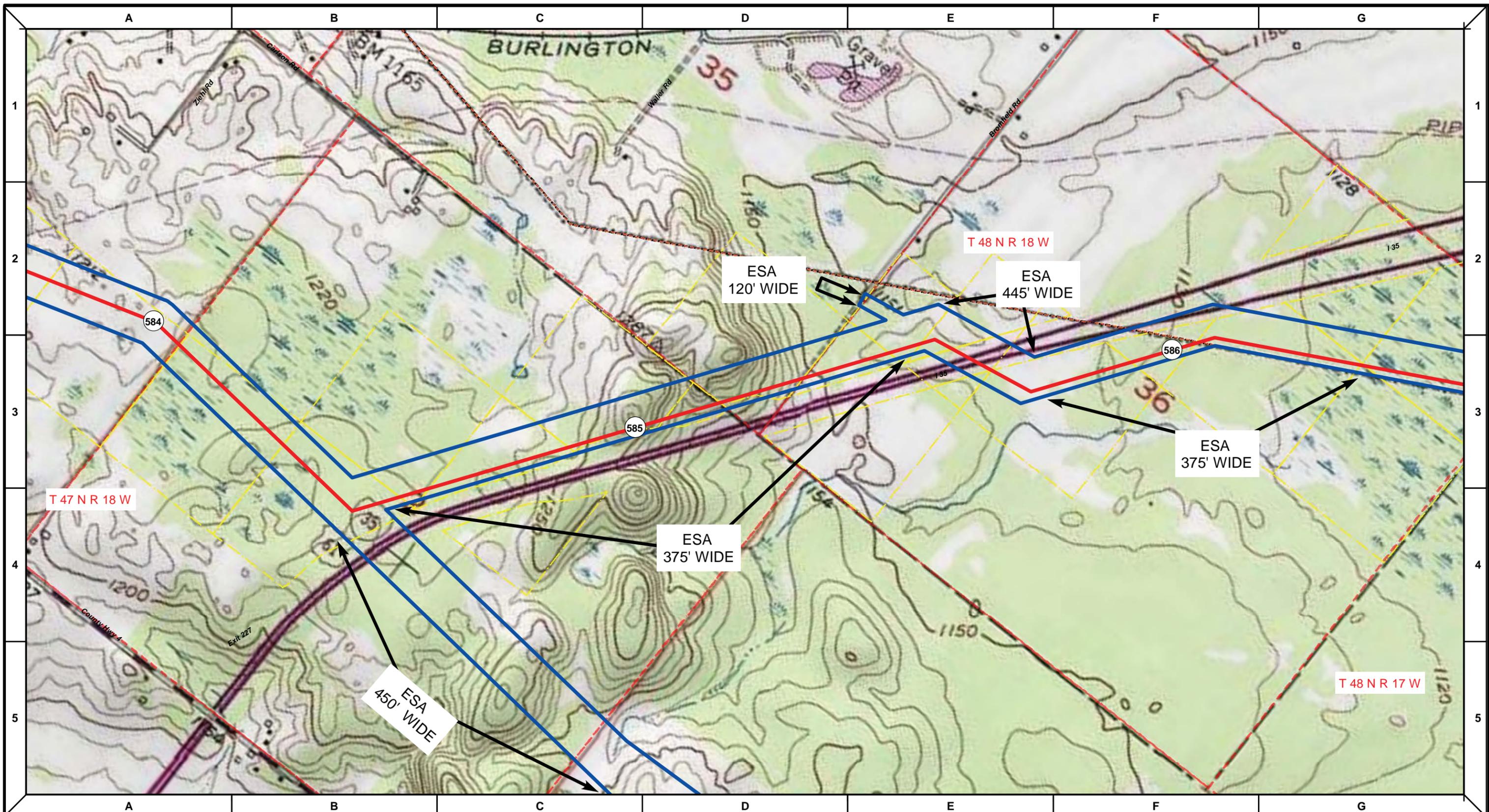
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NORTH DAKOTA PIPELINE COMPANY LLC

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 ROUTE MAP  
 Carlton County, MN

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Proposed Pipeline - Sandpiper	Milepost - Sandpiper	Tract Boundary
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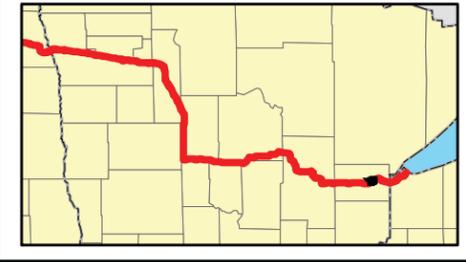
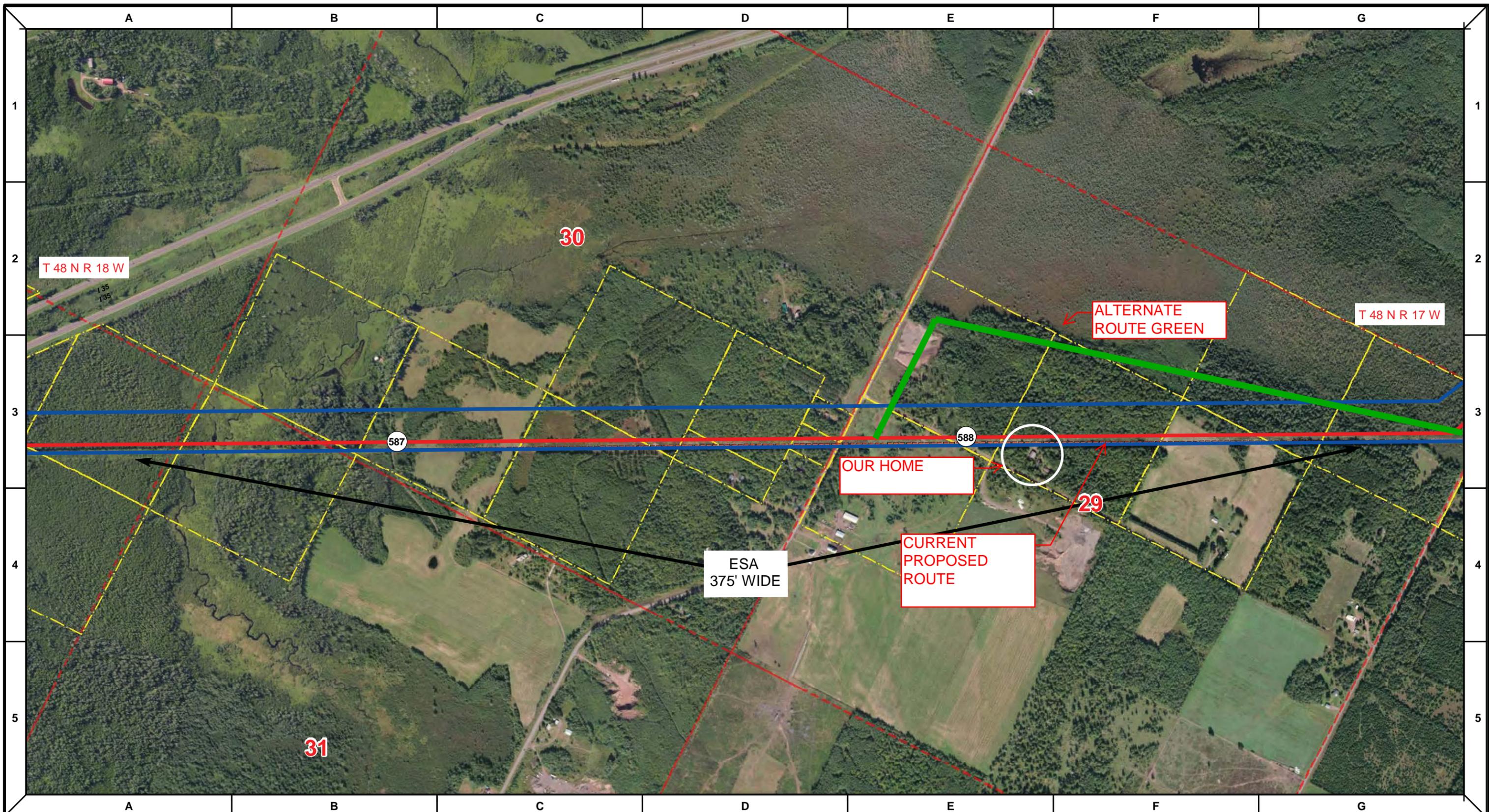
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NORTH DAKOTA PIPELINE COMPANY LLC

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

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Spread:8      Map: 117 of 123



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

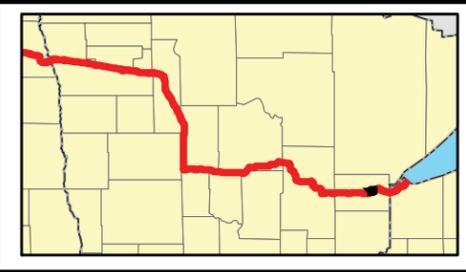
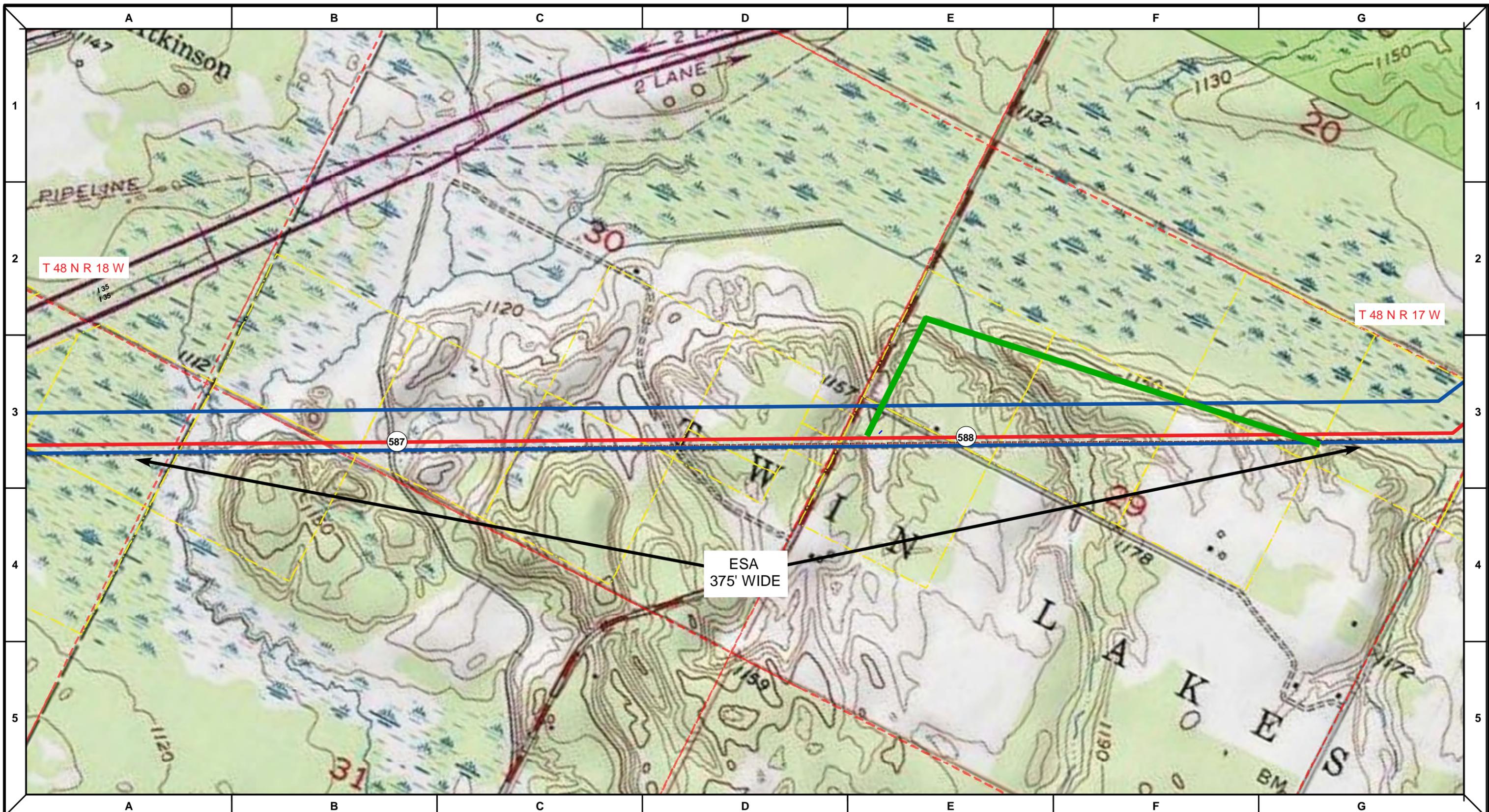
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NORTH DAKOTA PIPELINE COMPANY LLC

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

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Spread: 8 Map: 118 of 123



Proposed Pipeline - Sandpiper	Milepost - Sandpiper	Tract Boundary
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SPREAD BREAK		

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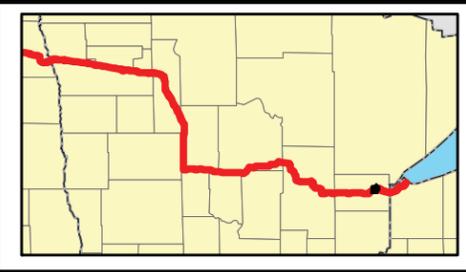
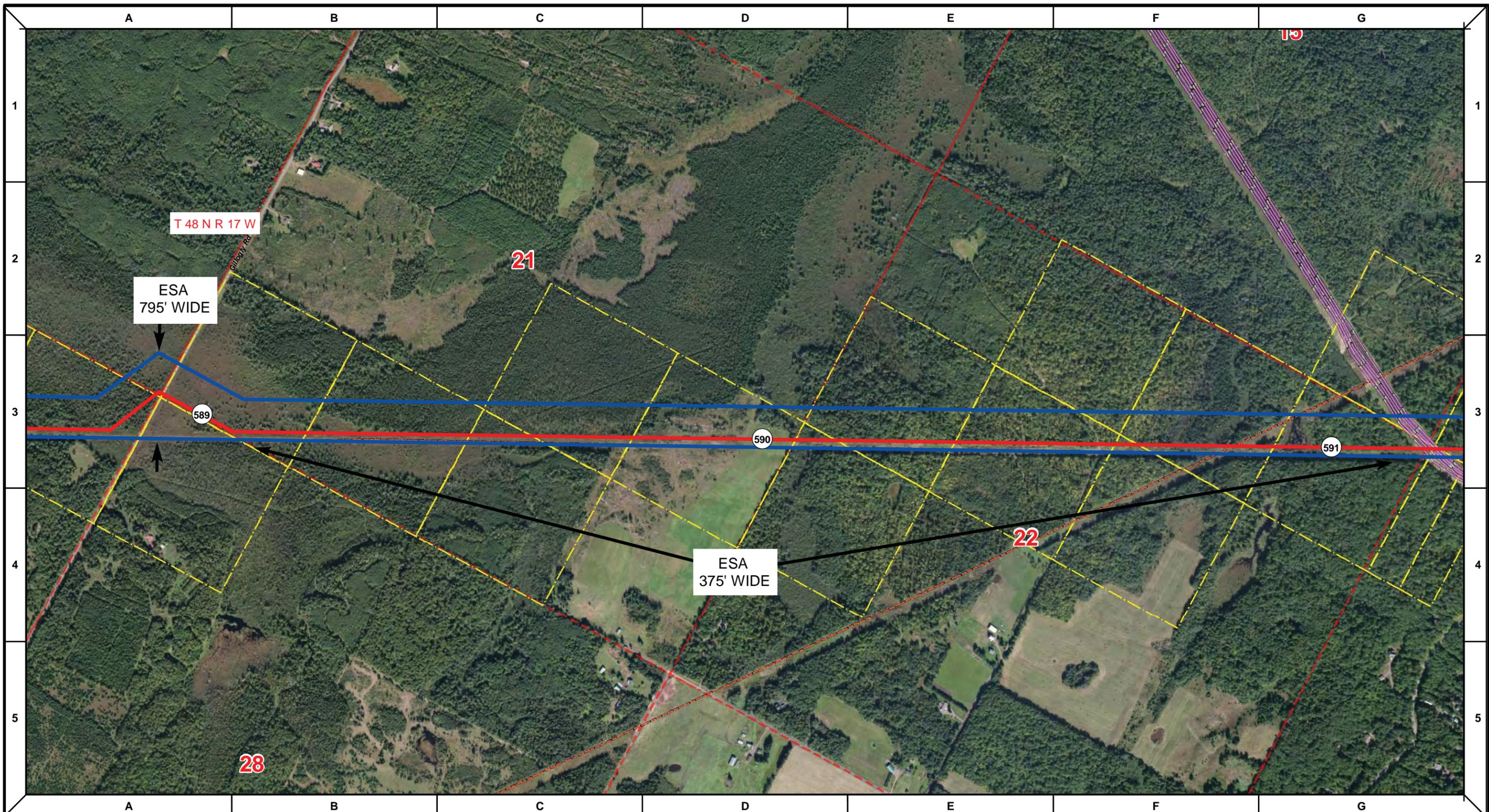
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NORTH DAKOTA PIPELINE COMPANY LLC

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

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Spread:8      Map: 118 of 123



Proposed Pipeline - Sandpiper	Milepost - Sandpiper	Tract Boundary
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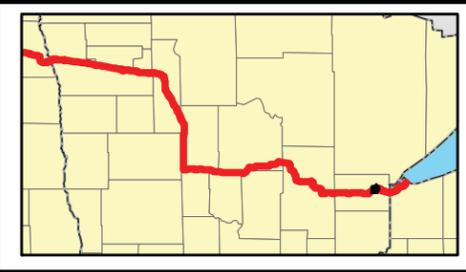
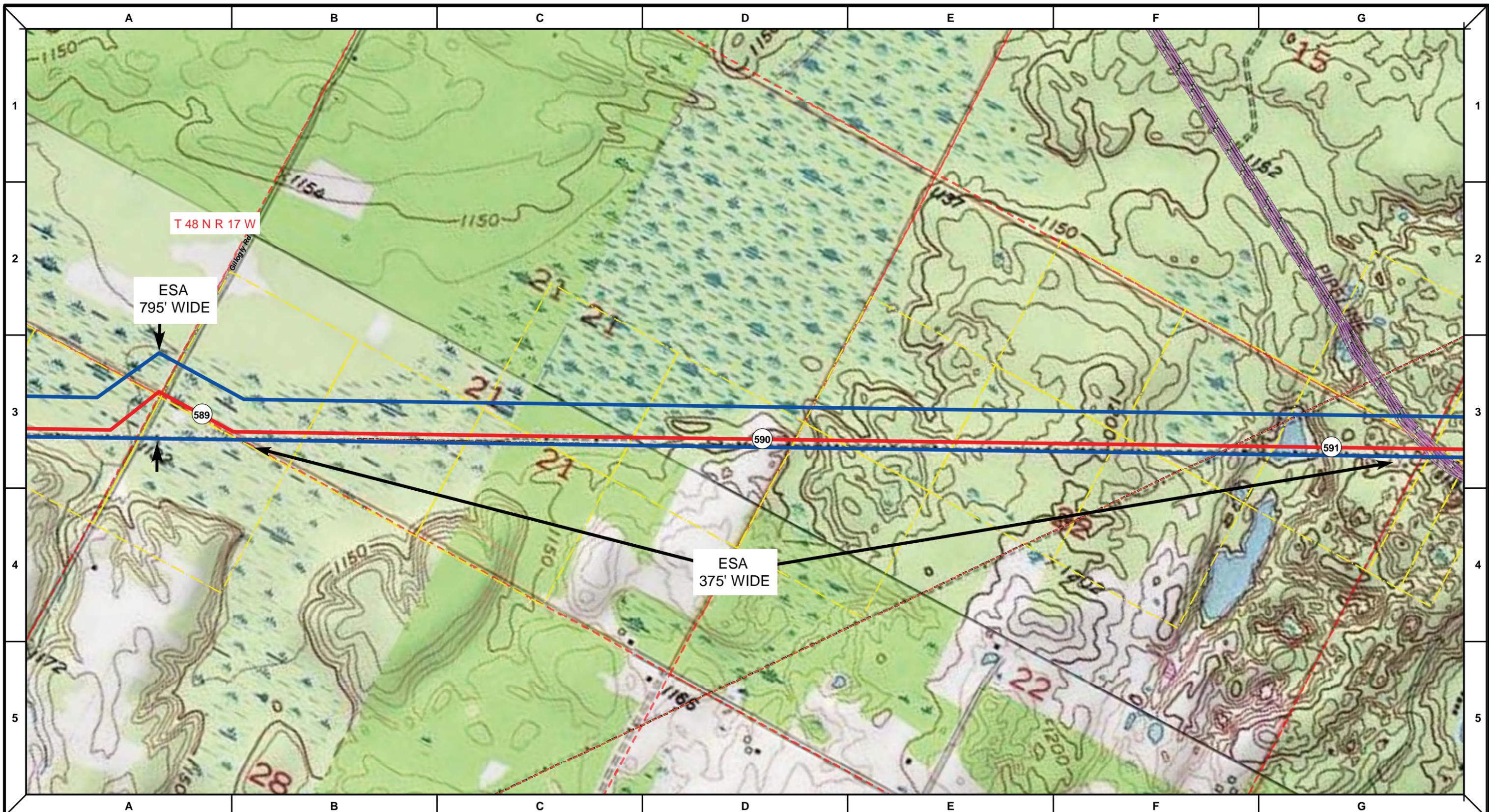
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NORTH DAKOTA PIPELINE COMPANY LLC

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

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

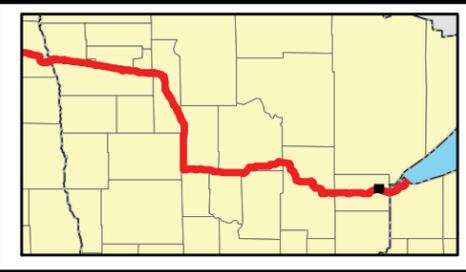
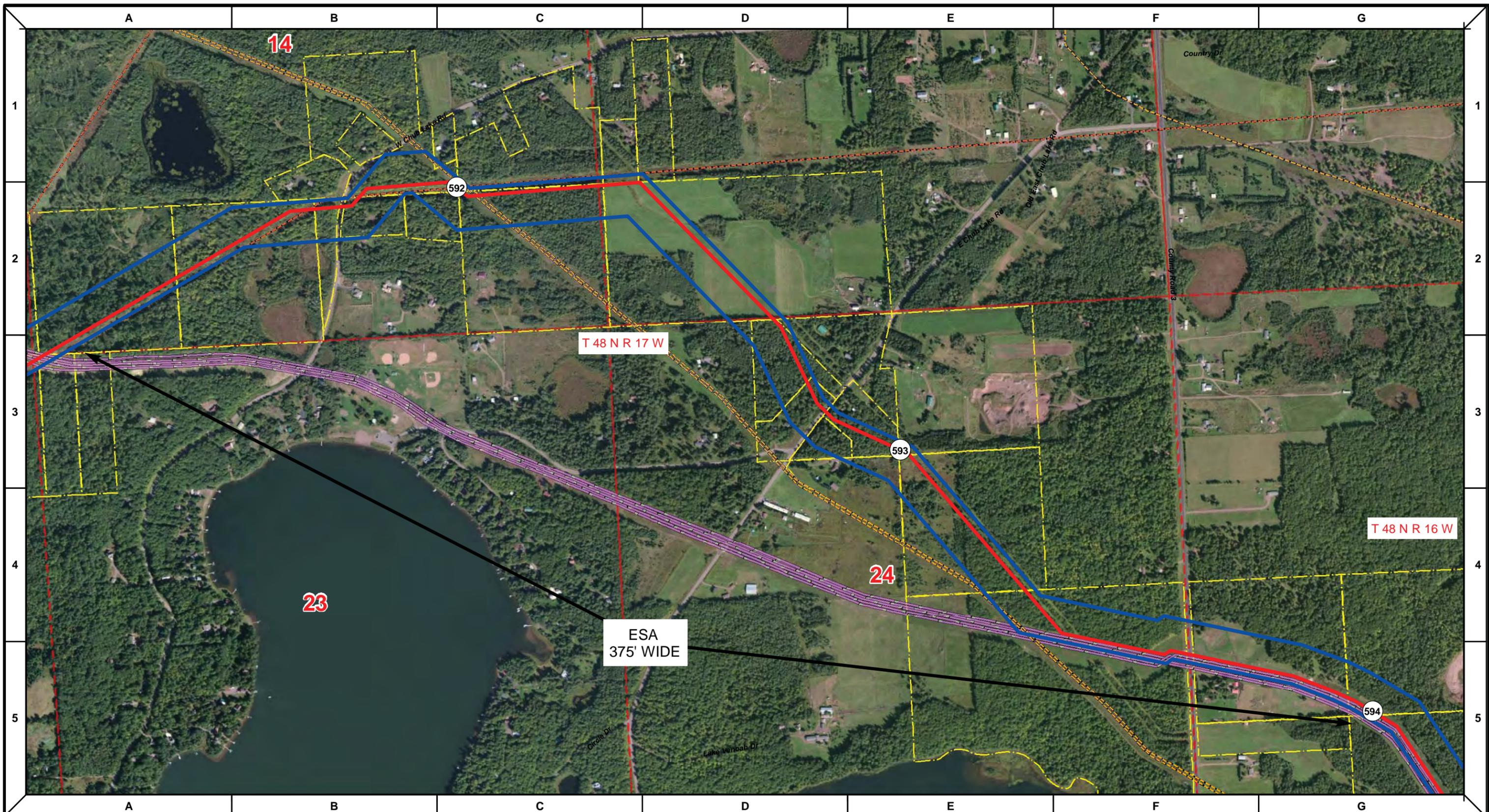
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NORTH DAKOTA PIPELINE COMPANY LLC

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

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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

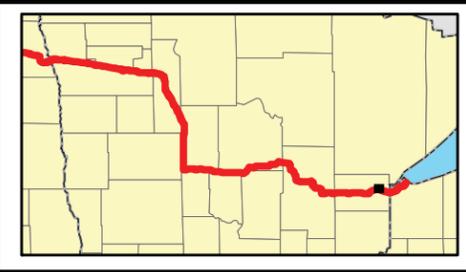
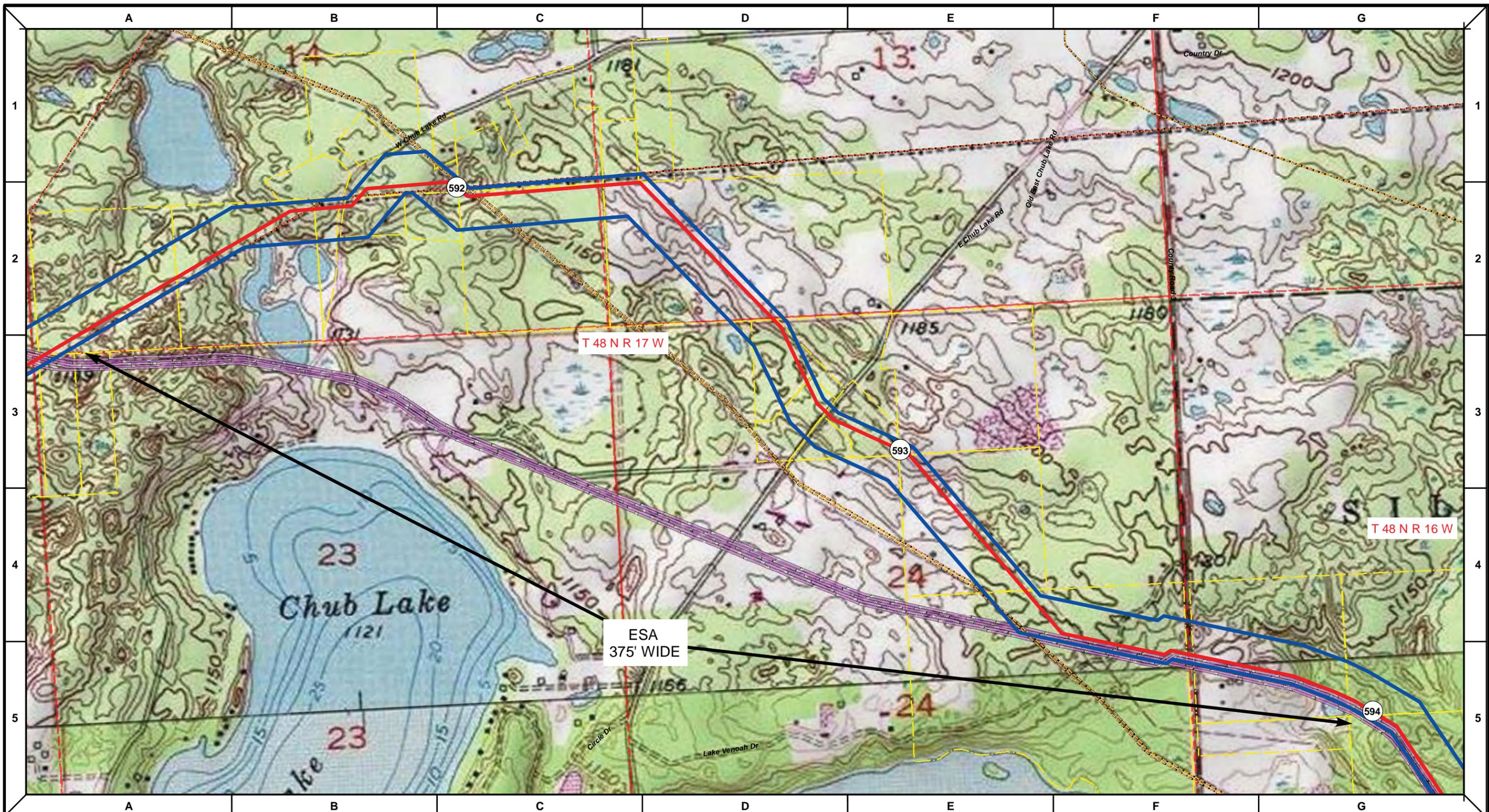
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NORTH DAKOTA PIPELINE COMPANY LLC

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

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

Spread: 8 Map: 120 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		

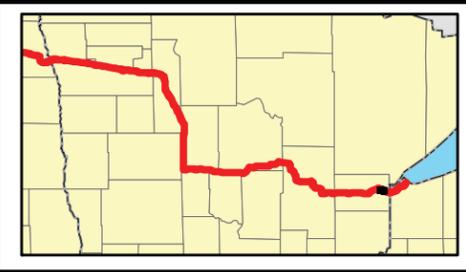
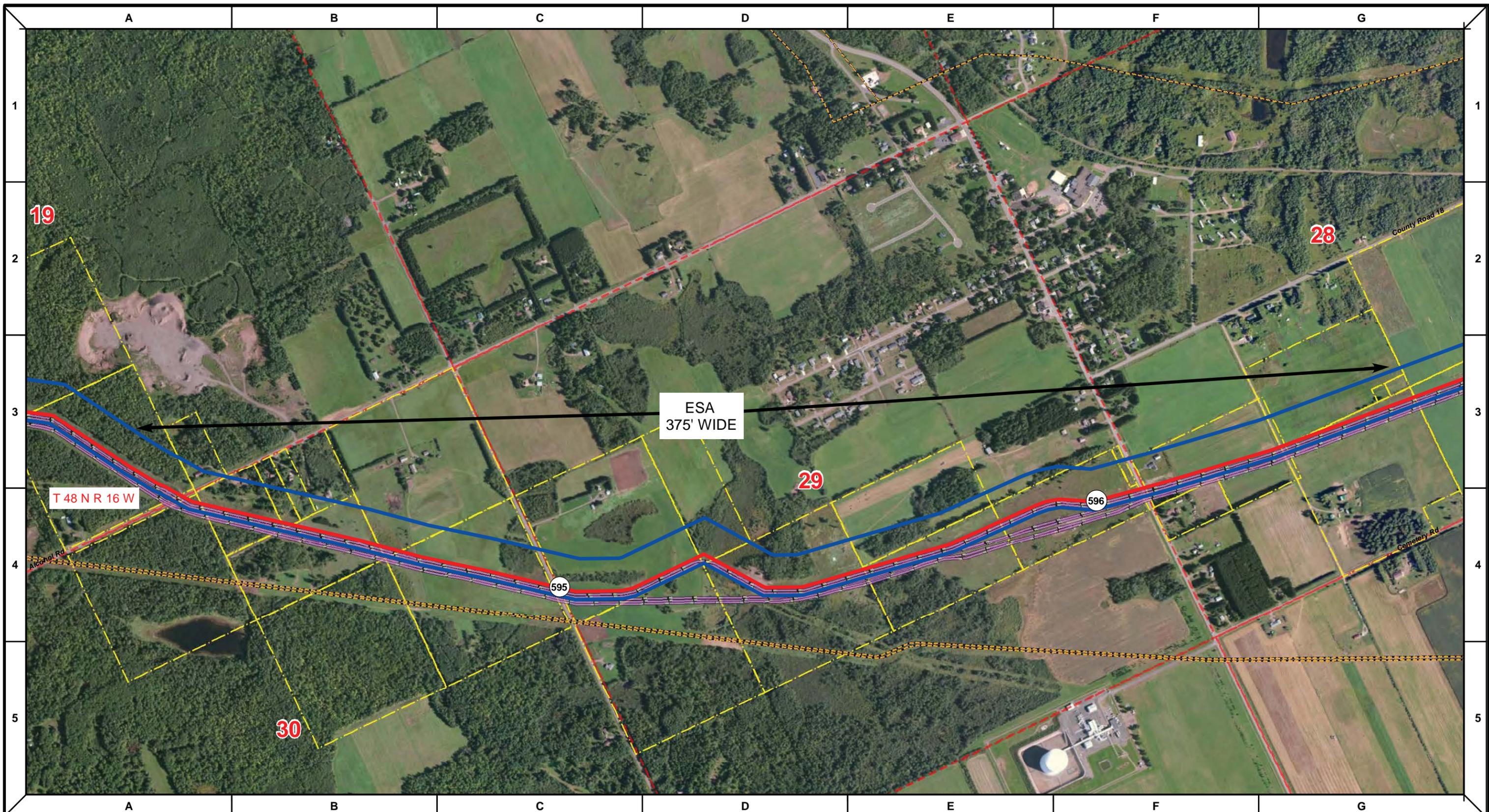
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			REV NO.

NORTH DAKOTA PIPELINE COMPANY LLC

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

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

Spread: 8      Map: 120 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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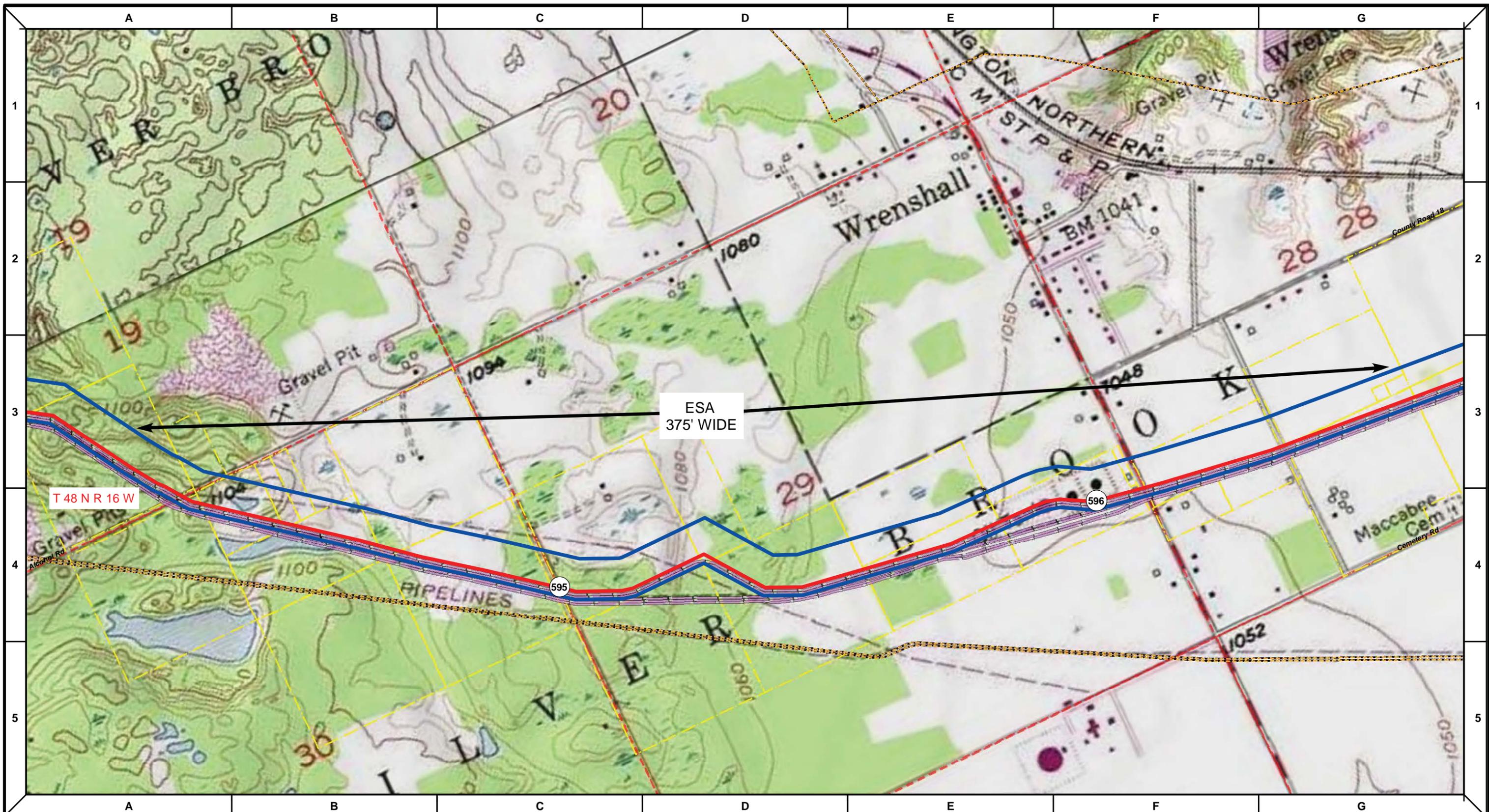
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**ENBRIDGE**  
NORTH DAKOTA PIPELINE COMPANY LLC

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

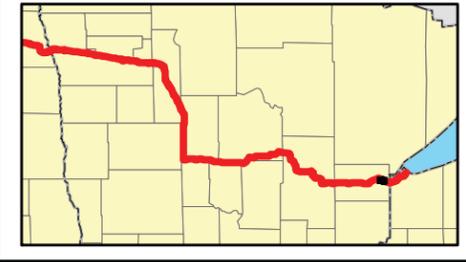
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DATE: <b>Jan 30, 2014</b>	SCALE: <b>AS SHOWN</b>

Spread:8 Map: 121 of 123



ESA  
375' WIDE

T 48 N R 16 W



Proposed Pipeline - Sandpiper	Milepost - Sandpiper	Tract Boundary
Existing Enbridge Pipelines	Potential Block Valve	Facility Boundary
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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  
Carlton County, MN**

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DATE: <b>Jan 30, 2014</b>	SCALE: <b>AS SHOWN</b>

Spread:8 Map: 121 of 123