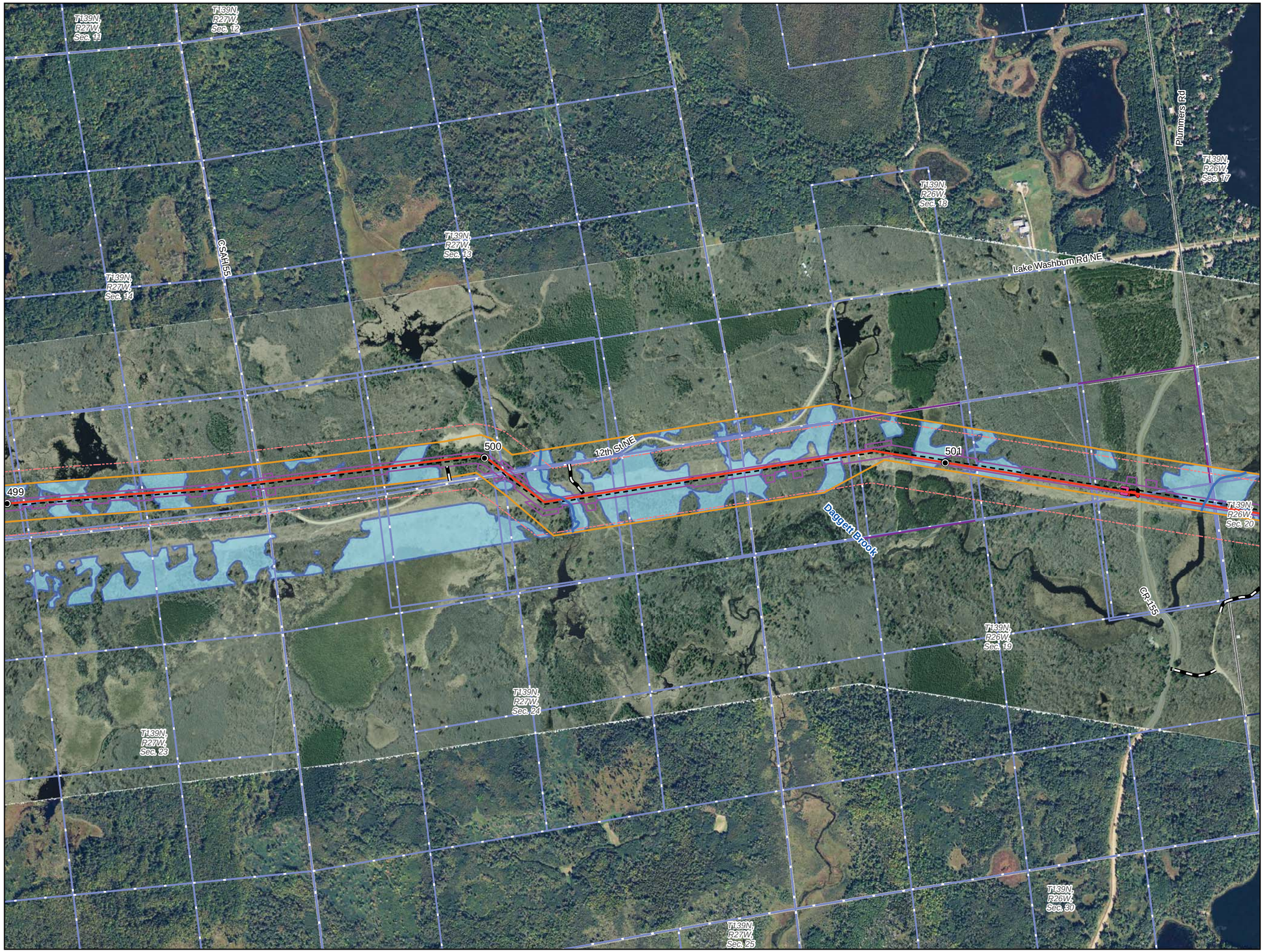


0 500 1,000 Feet

1 inch = 1,000 feet

- Milepost
- Sandpiper Centerline
- L3R Centerline
- Construction Workspace
- Environmental Survey Area
- Route Width
- Widened Route Width
- Cathodic Protection Location
- Valve Location
- Pump Station - Boundary
- Pump Station - Disturbed Area

Noise Sensitive Receptors

- Private
- Public
- Commercial/Industrial
- Other
- Temporary Access Road
- Permanent Access Road to Valve
- Delineated Waterbody
- Delineated Wetland
- Environmentally Sensitive Area
- Section Boundary
- Federal Land
- Tribal Land
- County Tax-Forfeit Land
- State Land

Parcel Ownership

- State Land
- County Land
- Private Lands/Other

North Dakota Pipeline Company LLC

Sandpiper Pipeline Project

1:12,000 Aerial Survey Maps

Cass County, Minnesota

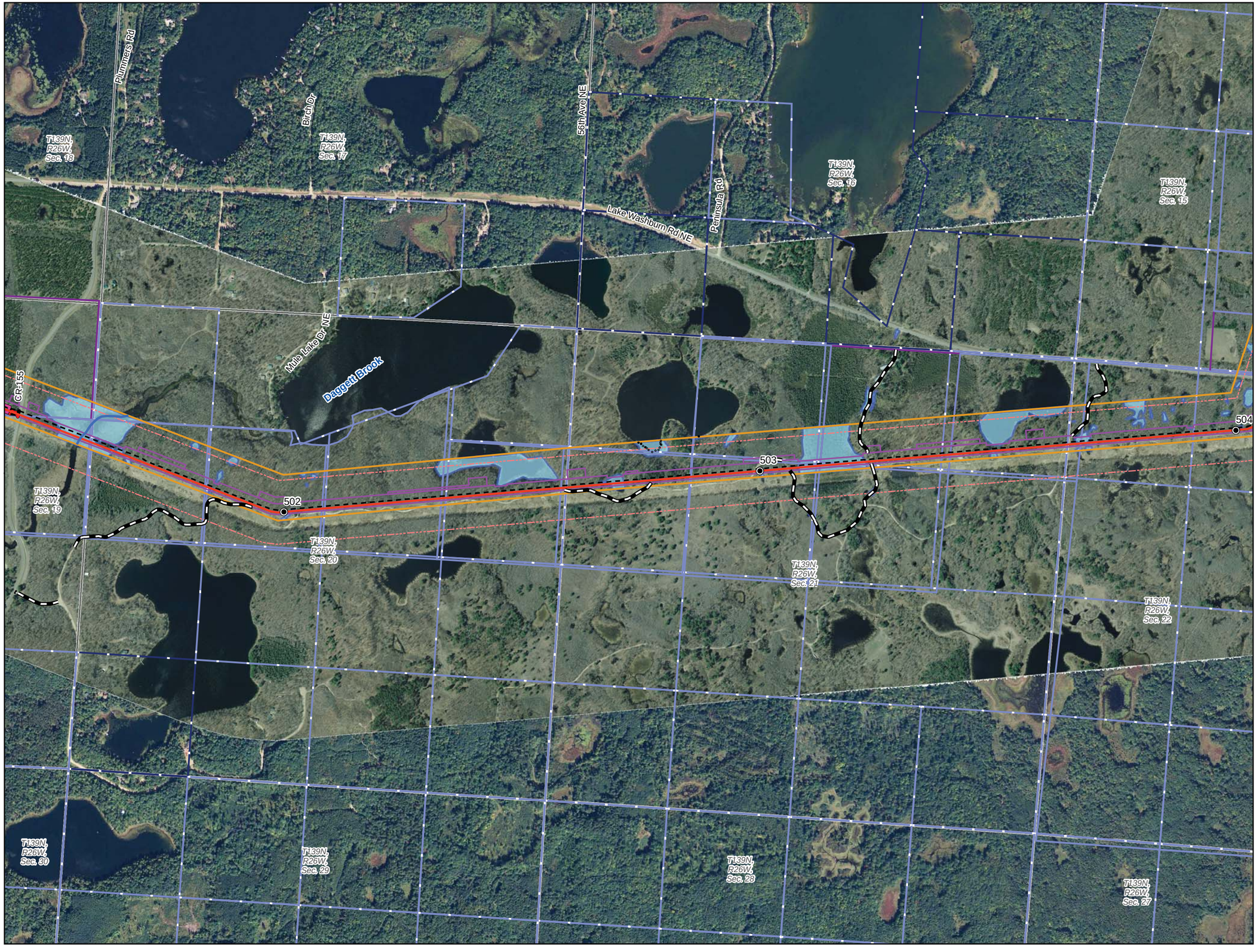
ENBRIDGE

For Environmental Review Purposes Only

3/21/2016

Source: Z:\Clients\EL_PI\EnbridgeISPP_L3\ArcGIS\2016\01\EAW_MN\Mxds\ISPP_MN_EAW_map_aerial.mxd

Date: (3/21/2016)



0 500 1,000 Feet

1 inch = 1,000 feet

- Milepost
- Sandpiper Centerline
- L3R Centerline
- Construction Workspace
- Environmental Survey Area
- Route Width
- Widened Route Width
- Cathodic Protection Location
- Valve Location
- Pump Station - Boundary
- Pump Station - Disturbed Area

Noise Sensitive Receptors

- Private
- Public
- Commercial/Industrial
- Other
- Temporary Access Road
- Permanent Access Road to Valve
- Delineated Waterbody
- Delineated Wetland
- Environmentally Sensitive Area
- Section Boundary
- Federal Land
- Tribal Land
- County Tax-Forfeit Land
- State Land

Parcel Ownership

- State Land
- County Land
- Private Lands/Other

North Dakota Pipeline Company LLC

Sandpiper Pipeline Project

1:12,000 Aerial Survey Maps

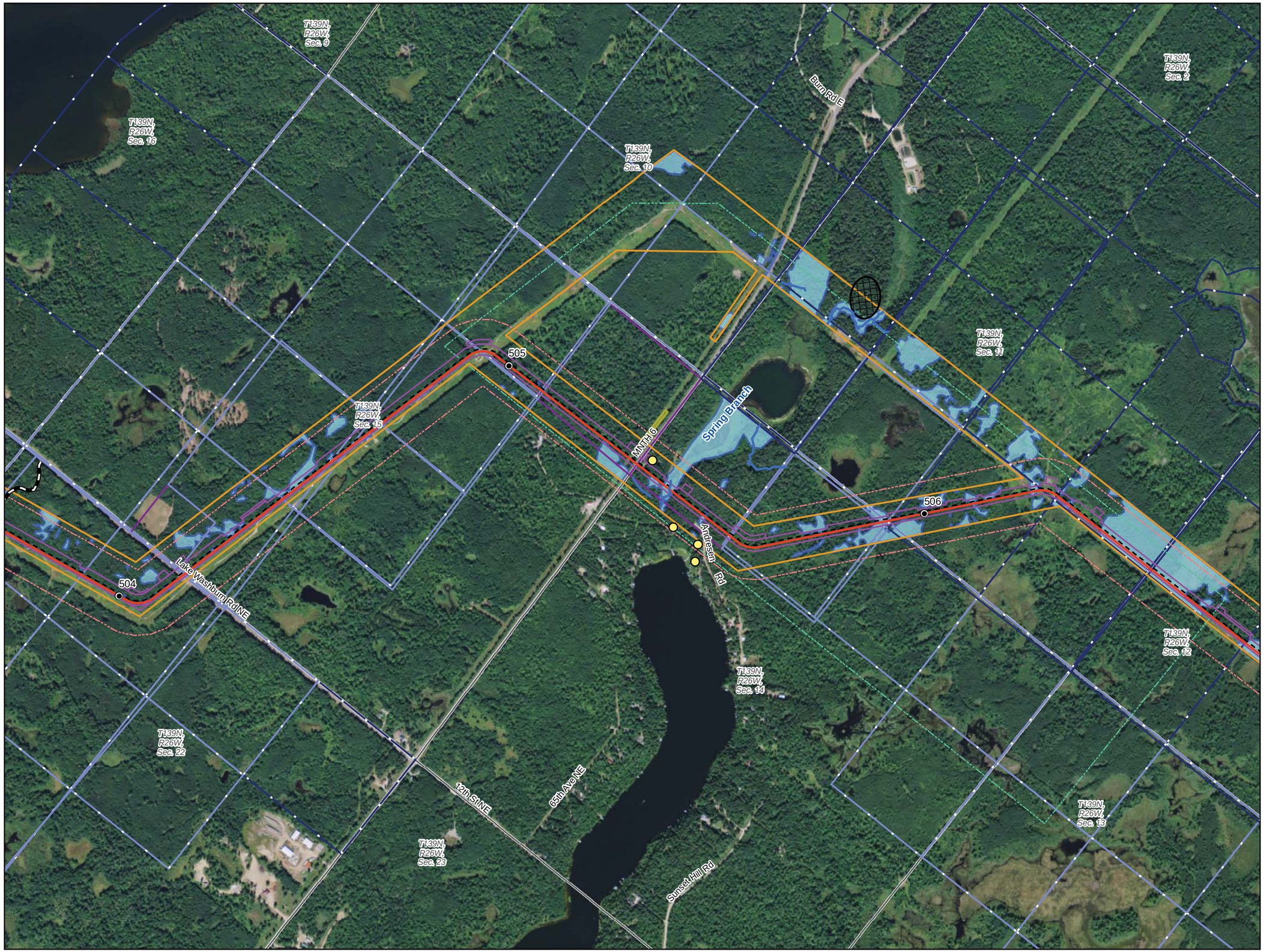
Cass County, Minnesota

ENBRIDGE

For Environmental Review Purposes Only

3/21/2016

Source: Z:\Clients\E_H\EnbridgeSPP_L3\ArcGIS\2016\01\EAW_MN\MapsSPP_MN_EAW_map_aerial.mxd
Date: (3/21/2016)



0 500 1,000 Feet

1 inch = 1,000 feet

- Milepost
- Sandpiper Centerline
- L3R Centerline
- Construction Workspace
- Environmental Survey Area
- Route Width
- Widened Route Width
- Cathodic Protection Location
- Valve Location
- Pump Station - Boundary
- Pump Station - Disturbed Area

Noise Sensitive Receptors

- Private
- Public
- Commercial/Industrial
- Other
- Temporary Access Road
- Permanent Access Road to Valve
- Delineated Waterbody
- Delineated Wetland
- Environmentally Sensitive Area
- Section Boundary
- Federal Land
- Tribal Land
- County Tax-Forfeit Land
- State Land

Parcel Ownership

- State Land
- County Land
- Private Lands/Other

North Dakota Pipeline Company LLC

Sandpiper Pipeline Project

1:12,000 Aerial Survey Maps

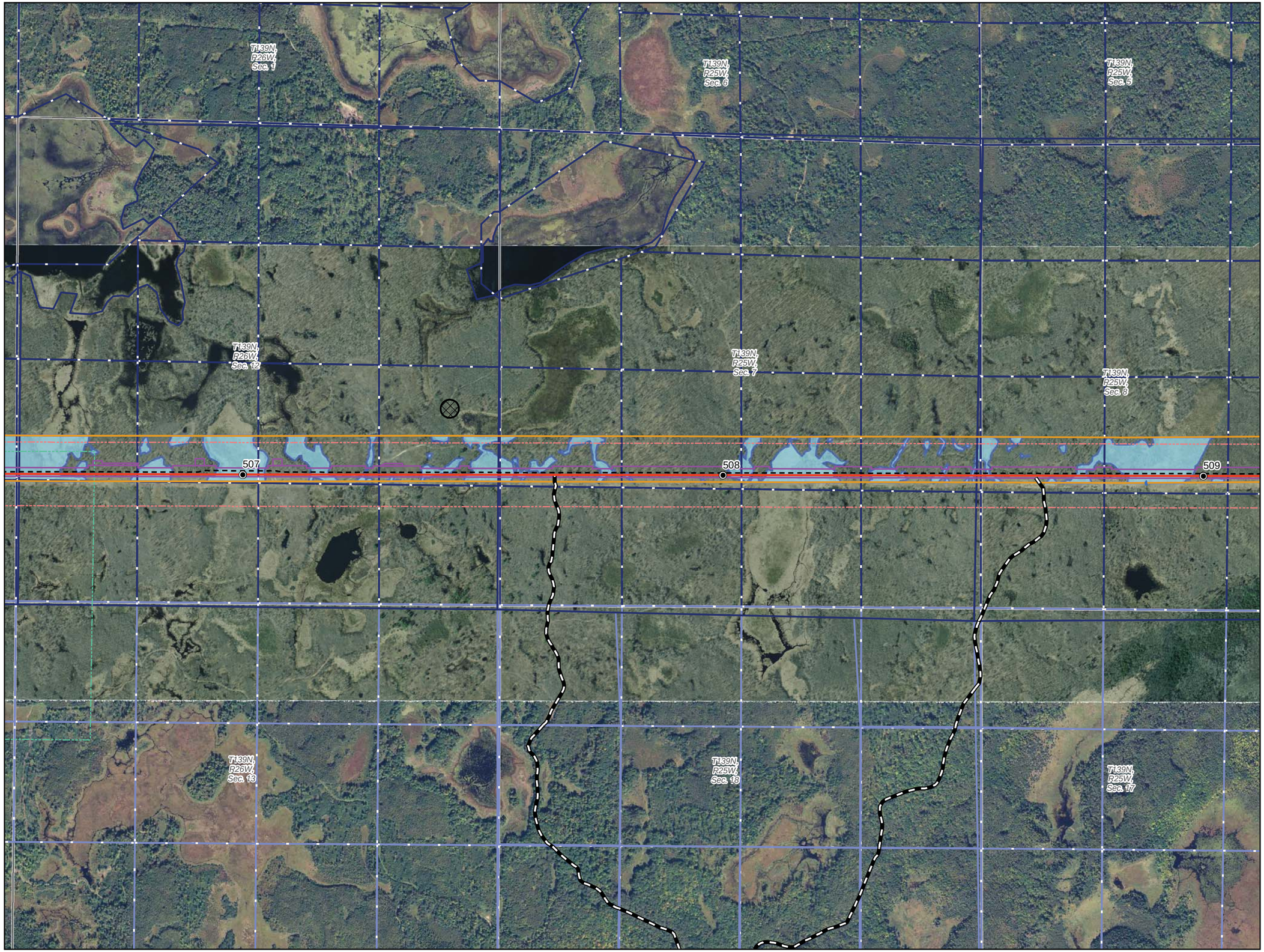
Cass County, Minnesota

ENBRIDGE

For Environmental Review Purposes Only

3/22/2016

Source: Z:\Clients\E_H\EnbridgeSPP_L3\ArcGIS\2016\01\EAW_MN\Maps\SPP_MN_EAW_map_aerial.mxd
Date: (3/22/2016)



0 500 1,000 Feet

1 inch = 1,000 feet

N
W E
S

- Milepost
- Sandpiper Centerline
- L3R Centerline
- Construction Workspace
- Environmental Survey Area
- Route Width
- Widened Route Width
- Cathodic Protection Location
- Valve Location
- Pump Station - Boundary
- Pump Station - Disturbed Area

Noise Sensitive Receptors

- Private
- Public
- Commercial/Industrial
- Other
- Temporary Access Road
- Permanent Access Road to Valve
- Delineated Waterbody
- Delineated Wetland
- Environmentally Sensitive Area
- Section Boundary
- Federal Land
- Tribal Land
- County Tax-Forfeit Land
- State Land

Parcel Ownership

- State Land
- County Land
- Private Lands/Other

North Dakota Pipeline Company LLC

Sandpiper Pipeline Project

1:12,000 Aerial Survey Maps

Cass County, Minnesota

ENBRIDGE

For Environmental Review Purposes Only

3/21/2016

Source: Z:\Clients\E_H\Enbridge\SPP_L3\ArcGIS\2016\01\EAW_MN\Maps\SPP_MN_EAW_map_aerial.mxd

Date: (3/21/2016)

0 500 1,000 Feet

1 inch = 1,000 feet

- Milepost
- Sandpiper Centerline
- L3R Centerline
- Construction Workspace
- Environmental Survey Area
- Route Width
- Widened Route Width
- Cathodic Protection Location
- Valve Location
- Pump Station - Boundary
- Pump Station - Disturbed Area

Noise Sensitive Receptors

- Private
- Public
- Commercial/Industrial
- Other
- Temporary Access Road
- Permanent Access Road to Valve
- Delineated Waterbody
- Delineated Wetland
- Environmentally Sensitive Area
- Section Boundary
- Federal Land
- Tribal Land
- County Tax-Forfeit Land
- State Land

Parcel Ownership

- State Land
- County Land
- Private Lands/Other

North Dakota Pipeline Company LLC

Sandpiper Pipeline Project

1:12,000 Aerial Survey Maps

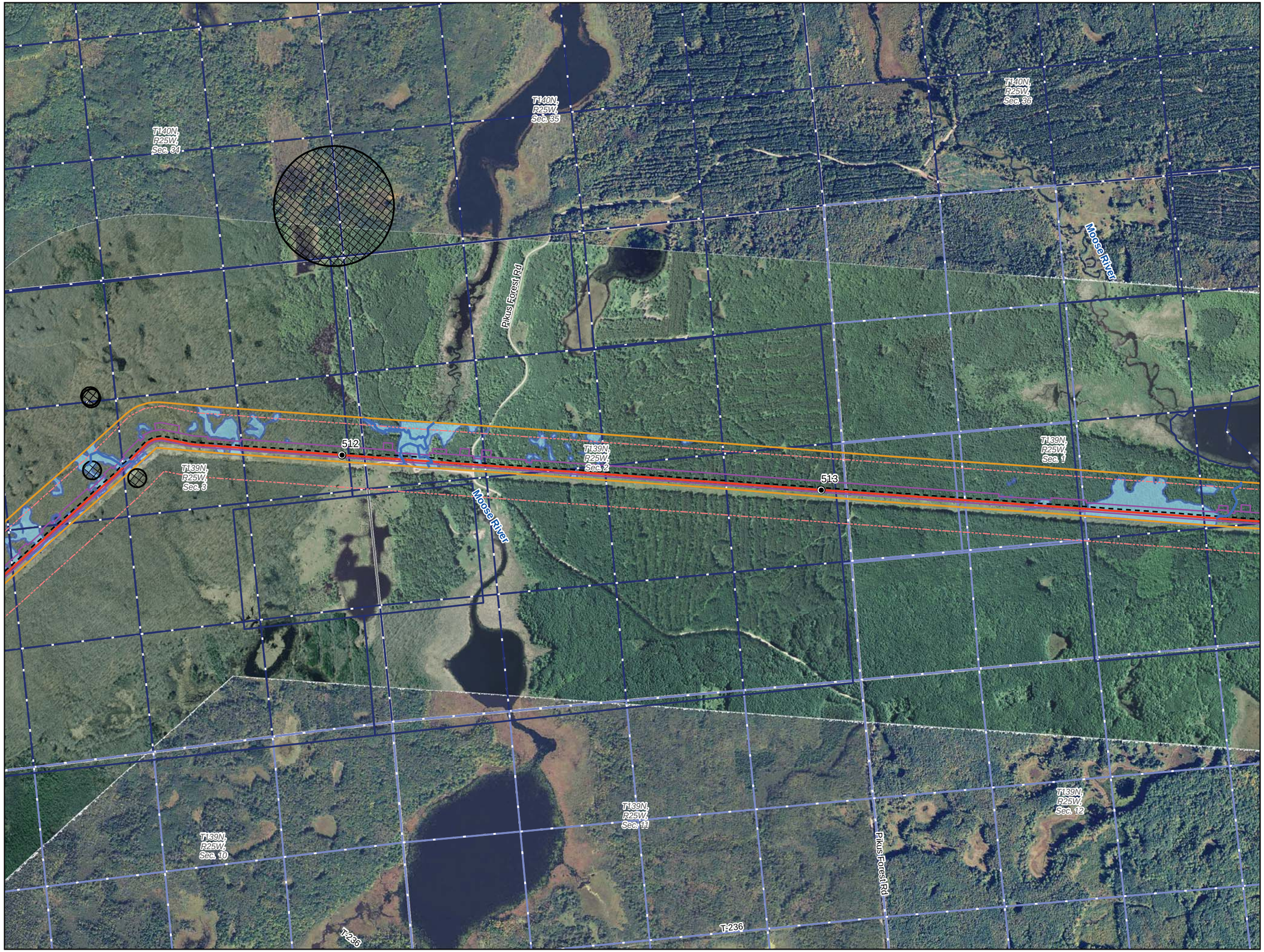
Cass County, Minnesota

ENBRIDGE

For Environmental Review Purposes Only

3/21/2016

Source: Z:\Clients\E_H\EnbridgeSPP_L3\ArcGIS\2016\01\EAW_MN\Mapsts\SPP_MN_EAW_map_aerial.mxd
Date: (3/21/2016)



0 500 1,000 Feet

1 inch = 1,000 feet

- Milepost
- Sandpiper Centerline
- L3R Centerline
- Construction Workspace
- Environmental Survey Area
- Route Width
- Widened Route Width
- Cathodic Protection Location
- Valve Location
- Pump Station - Boundary
- Pump Station - Disturbed Area

Noise Sensitive Receptors

- Private
- Public
- Commercial/Industrial
- Other
- Temporary Access Road
- Permanent Access Road to Valve
- Delineated Waterbody
- Delineated Wetland
- Environmentally Sensitive Area
- Section Boundary
- Federal Land
- Tribal Land
- County Tax-Forfeit Land
- State Land

Parcel Ownership

- State Land
- County Land
- Private Lands/Other

North Dakota Pipeline Company LLC

Sandpiper Pipeline Project

1:12,000 Aerial Survey Maps

Cass County, Minnesota

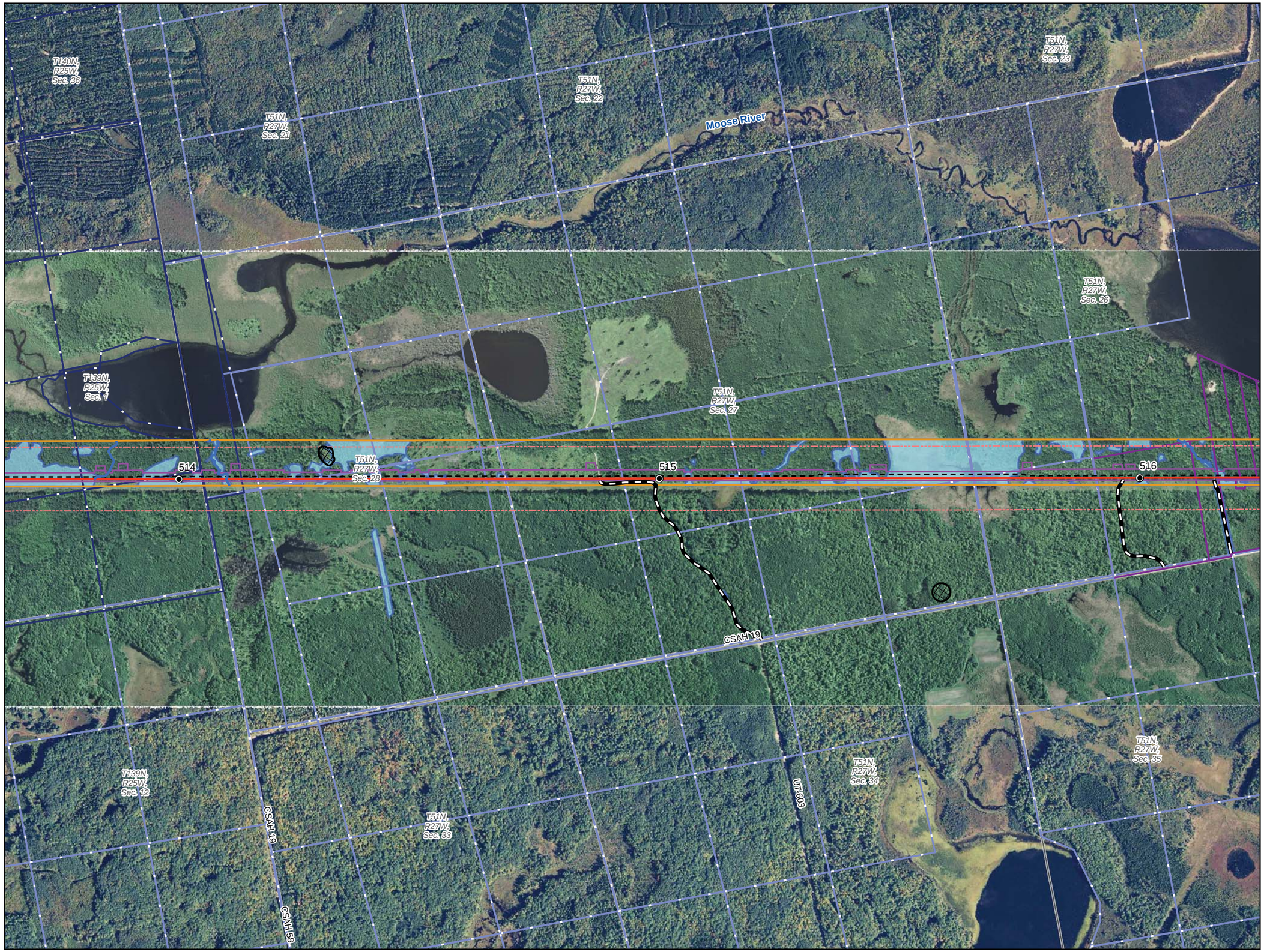
ENBRIDGE

For Environmental Review Purposes Only

3/21/2016

Source: z:\Clients\EL_PI\EnbridgeISPP_L3\ArcGIS\2016\01\EAW_MN\MapsISPP_MN_EAW_map_aerial.mxd

Date: (3/21/2016)



0 500 1,000 Feet

1 inch = 1,000 feet

- Milepost
- Sandpiper Centerline
- L3R Centerline
- Construction Workspace
- Environmental Survey Area
- Route Width
- Widened Route Width
- Cathodic Protection Location
- Valve Location
- Pump Station - Boundary
- Pump Station - Disturbed Area

Noise Sensitive Receptors

- Private
- Public
- Commercial/Industrial
- Other
- Temporary Access Road
- Permanent Access Road to Valve
- Delineated Waterbody
- Delineated Wetland
- Environmentally Sensitive Area
- Section Boundary
- Federal Land
- Tribal Land
- County Tax-Forfeit Land
- State Land

Parcel Ownership

- State Land
- County Land
- Private Lands/Other

North Dakota Pipeline Company LLC

Sandpiper Pipeline Project

1:12,000 Aerial Survey Maps

Cass and Aitkin Counties, Minnesota

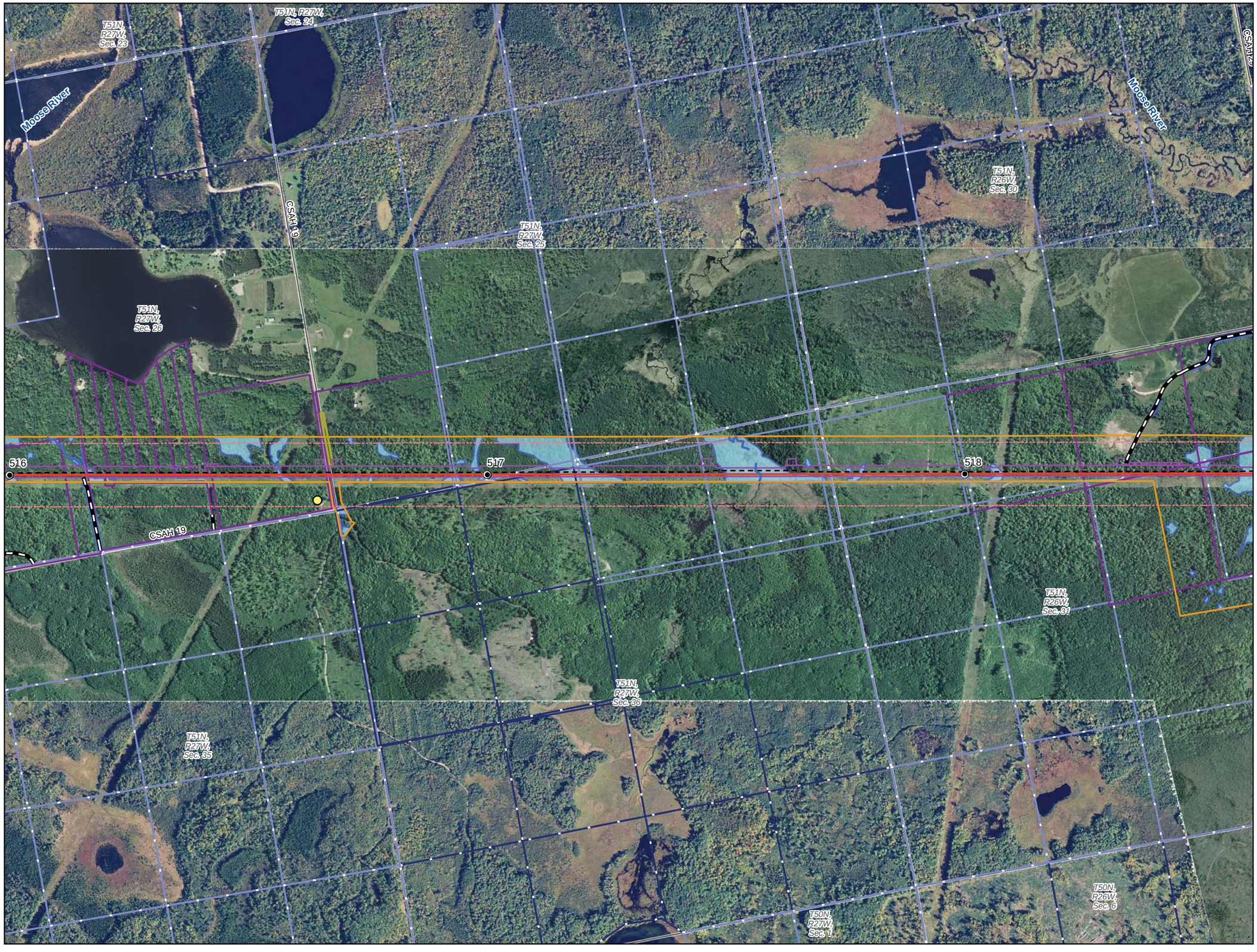
ENBRIDGE

For Environmental Review Purposes Only

3/21/2016

Source: Z:\Clients\L_P\Enbridge\SPP_L3\ArcGIS\2016\01\EAW_MN\Mxds\SPP_MN_EAW_map_aerial.mxd

Date: (3/21/2016)



0 500 1,000 Feet

1 inch = 1,000 feet

- Milepost
- Sandpiper Centerline
- L3R Centerline
- Construction Workspace
- Environmental Survey Area
- Route Width
- Widened Route Width
- Cathodic Protection Location
- Valve Location
- Pump Station - Boundary
- Pump Station - Disturbed Area

Noise Sensitive Receptors

- Private
- Public
- Commercial/Industrial
- Other
- Temporary Access Road
- Permanent Access Road to Valve
- Delineated Waterbody
- Delineated Wetland
- Environmentally Sensitive Area
- Section Boundary
- Federal Land
- Tribal Land
- County Tax-Forfeit Land
- State Land

Parcel Ownership

- State Land
- County Land
- Private Lands/Other

North Dakota Pipeline Company LLC

Sandpiper Pipeline Project

1:12,000 Aerial Survey Maps

Aitkin County, Minnesota

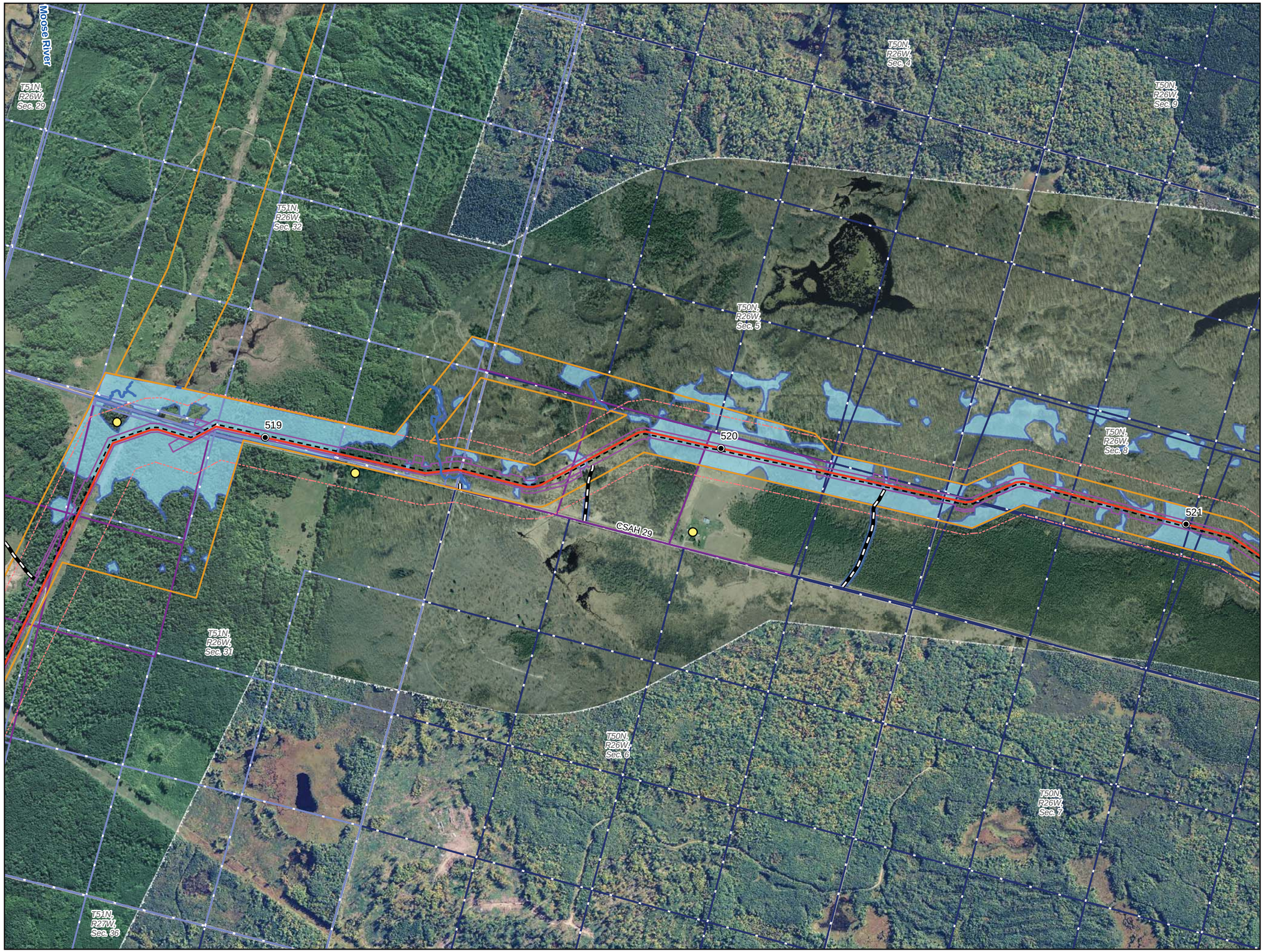
ENBRIDGE

For Environmental Review Purposes Only

3/21/2016

Source: Z:\Clients\E_P\Enbridge\SPP_L3\ArcGIS\2016\01\EAW_MN\Maps\SPP_MN_EAW_map_aerial.mxd

Date: (3/21/2016)



0 500 1,000 Feet

1 inch = 1,000 feet

- Milepost
- Sandpiper Centerline
- L3R Centerline
- Construction Workspace
- Environmental Survey Area
- Route Width
- Widened Route Width
- Cathodic Protection Location
- Valve Location
- Pump Station - Boundary
- Pump Station - Disturbed Area

Noise Sensitive Receptors

- Private
- Public
- Commercial/Industrial
- Other
- Temporary Access Road
- Permanent Access Road to Valve
- Delineated Waterbody
- Delineated Wetland
- Environmentally Sensitive Area
- Section Boundary
- Federal Land
- Tribal Land
- County Tax-Forfeit Land
- State Land

Parcel Ownership

- State Land
- County Land
- Private Lands/Other

North Dakota Pipeline Company LLC

Sandpiper Pipeline Project

1:12,000 Aerial Survey Maps

Aitkin County, Minnesota

ENBRIDGE

For Environmental Review Purposes Only

3/21/2016

Source: Z:\Clients\E_H\EnbridgeSPP_L3\ArcGIS\2016\01\EAW_MN\Maps\SPP_MN_EAW_map_aerial.mxd
Date: (3/21/2016)

0 500 1,000 Feet

1 inch = 1,000 feet

- Milepost
- Sandpiper Centerline
- L3R Centerline
- Construction Workspace
- Environmental Survey Area
- Route Width
- Widened Route Width
- Cathodic Protection Location
- Valve Location
- Pump Station - Boundary
- Pump Station - Disturbed Area

Noise Sensitive Receptors

- Private
- Public
- Commercial/Industrial
- Other
- Temporary Access Road
- Permanent Access Road to Valve
- Delineated Waterbody
- Delineated Wetland
- Environmentally Sensitive Area
- Section Boundary
- Federal Land
- Tribal Land
- County Tax-Forfeit Land
- State Land

Parcel Ownership

- State Land
- County Land
- Private Lands/Other

North Dakota Pipeline Company LLC

Sandpiper Pipeline Project

1:12,000 Aerial Survey Maps

Aitkin County, Minnesota

ENBRIDGE

For Environmental Review Purposes Only

3/21/2016

Source: Z:\Clients\E_P\Enbridge\SPP_L3\ArcGIS\2016\01\EAW_MN\Maps\SPP_MN_EAW_map_aerial.mxd

Date: (3/21/2016)

0 500 1,000 Feet

1 inch = 1,000 feet

- Milepost
- Sandpiper Centerline
- L3R Centerline
- Construction Workspace
- Environmental Survey Area
- Route Width
- Widened Route Width
- Cathodic Protection Location
- Valve Location
- Pump Station - Boundary
- Pump Station - Disturbed Area

Noise Sensitive Receptors

- Private
- Public
- Commercial/Industrial
- Other
- Temporary Access Road
- Permanent Access Road to Valve
- Delineated Waterbody
- Delineated Wetland
- Environmentally Sensitive Area
- Section Boundary
- Federal Land
- Tribal Land
- County Tax-Forfeit Land
- State Land

Parcel Ownership

- State Land
- County Land
- Private Lands/Other

North Dakota Pipeline Company LLC

Sandpiper Pipeline Project

1:12,000 Aerial Survey Maps

Aitkin County, Minnesota

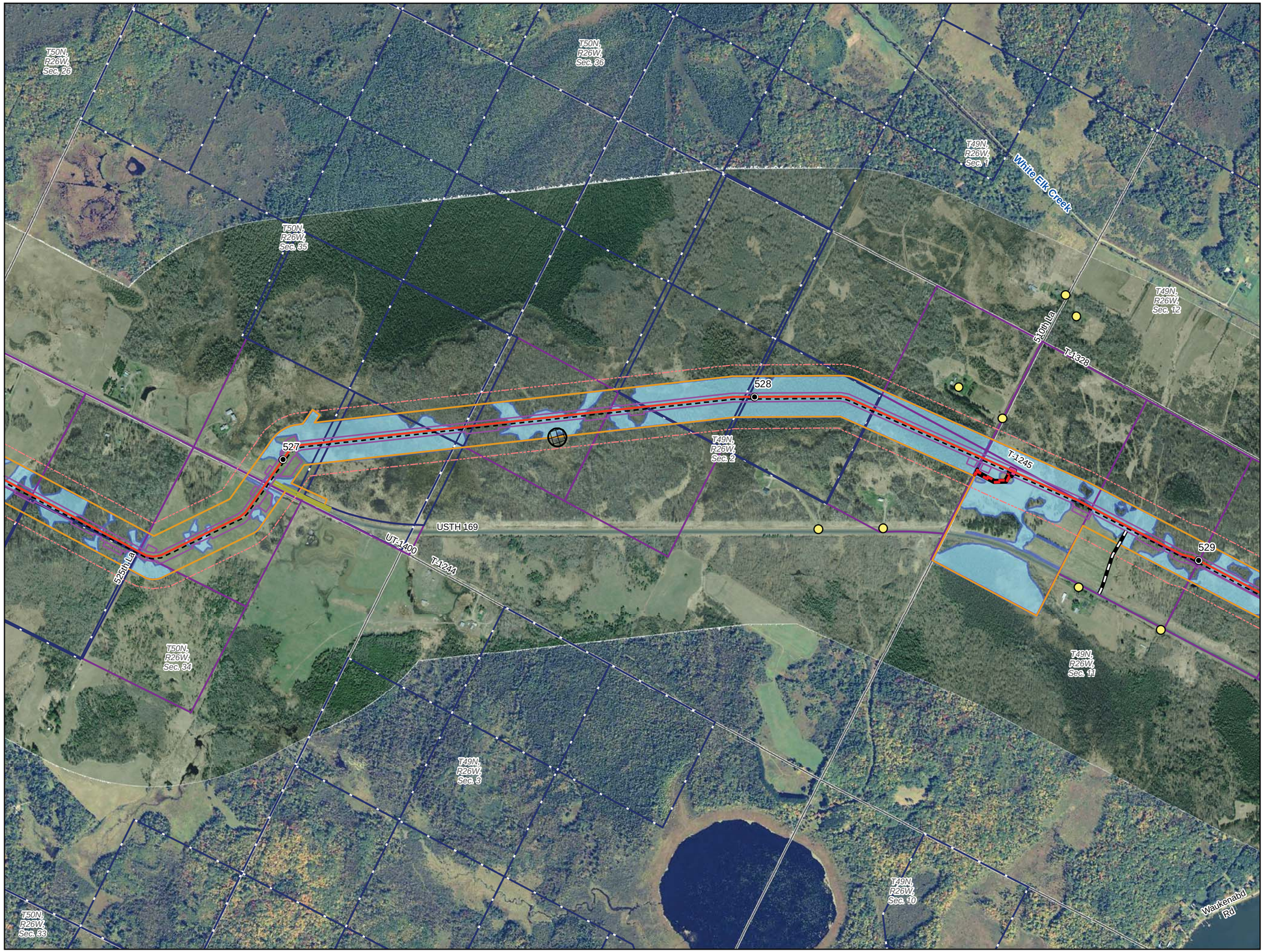
ENBRIDGE

For Environmental Review Purposes Only

3/21/2016

Source: Z:\Clients\E_FtEnbridge\SPP_L3\ArcGIS\2016\01\EAW_MN\Maps\SPP_MN_EAW_map_aerial.mxd

Date: (3/21/2016)



0 500 1,000 Feet

1 inch = 1,000 feet

- Milepost
- Sandpiper Centerline
- L3R Centerline
- Construction Workspace
- Environmental Survey Area
- Route Width
- Widened Route Width
- Cathodic Protection Location
- Valve Location
- Pump Station - Boundary
- Pump Station - Disturbed Area

Noise Sensitive Receptors

- Private
- Public
- Commercial/Industrial
- Other
- Temporary Access Road
- Permanent Access Road to Valve
- Delineated Waterbody
- Delineated Wetland
- Environmentally Sensitive Area
- Section Boundary
- Federal Land
- Tribal Land
- County Tax-Forfeit Land
- State Land

Parcel Ownership

- State Land
- County Land
- Private Lands/Other

North Dakota Pipeline Company LLC

Sandpiper Pipeline Project

1:12,000 Aerial Survey Maps

Aitkin County, Minnesota

ENBRIDGE

For Environmental Review Purposes Only

3/21/2016

Source: z:\Clients\EE_PI\EnbridgeISPP_L3\ArcGIS\2016\01\EAW_MN\MapsISPP_MN_EAW_map_aerial.mxd

Date: (3/21/2016)