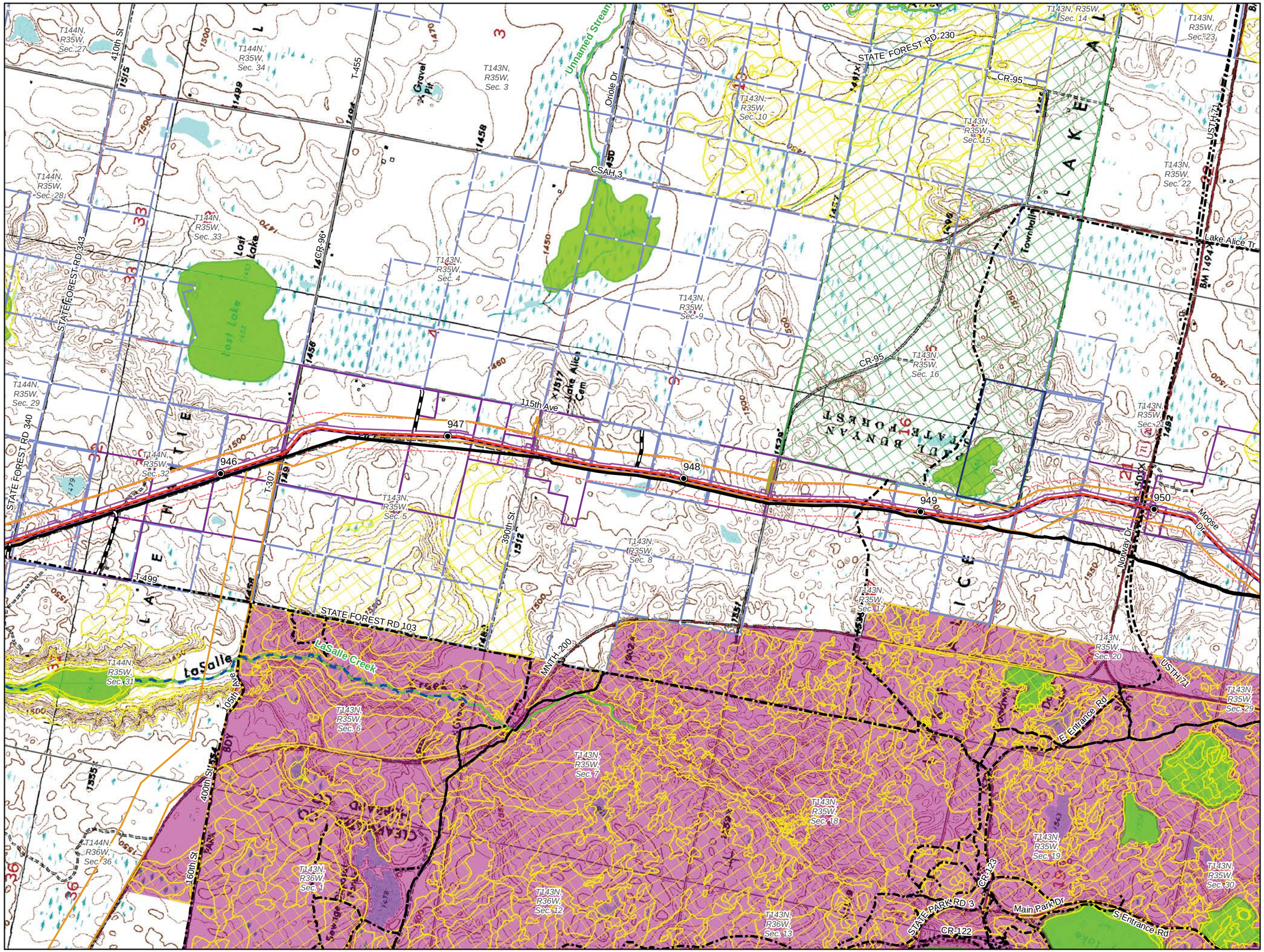


0 1,000 2,000 Feet

1 inch = 2,000 feet

- Milepost
- L3R Centerline
- Sandpiper Centerline
- Construction Workspace
- Environmental Survey Area
- Route Width
- Widened Route Width
- Cathodic Protection Location
- Valve Location
- Blasting Site
- Pump Station - Disturbed Area
- Pump Station - Impervious Area
- Permanent Access Road to Valve
- Temporary Access Road
- Existing Utility
- MDNR Calcareous Fen
- State Impaired Waterbody
- State Trails
- State Water Trails
- State Trout Stream
- MDNR PWI Watercourse
- MDNR PWI Basin/Wetland
- MDNR Native Plant Community
- State Migratory Waterfowl Feeding/Resting Area
- State Forest
- MDNR Wildlife Management Area
- MDNR Aquatic Management Area
- MDNR Parks and Recreation Land
- Section Boundary
- Tribal Land
- Federal Land
- County Tax-Forfeit Land

Parcel Ownership

- State Land
- Private Lands/Other
- County Land

Enbridge Energy, Limited Partnership

Line 3 Replacement Project

1:24,000 Topographic Route Maps

Hubbard County, Minnesota

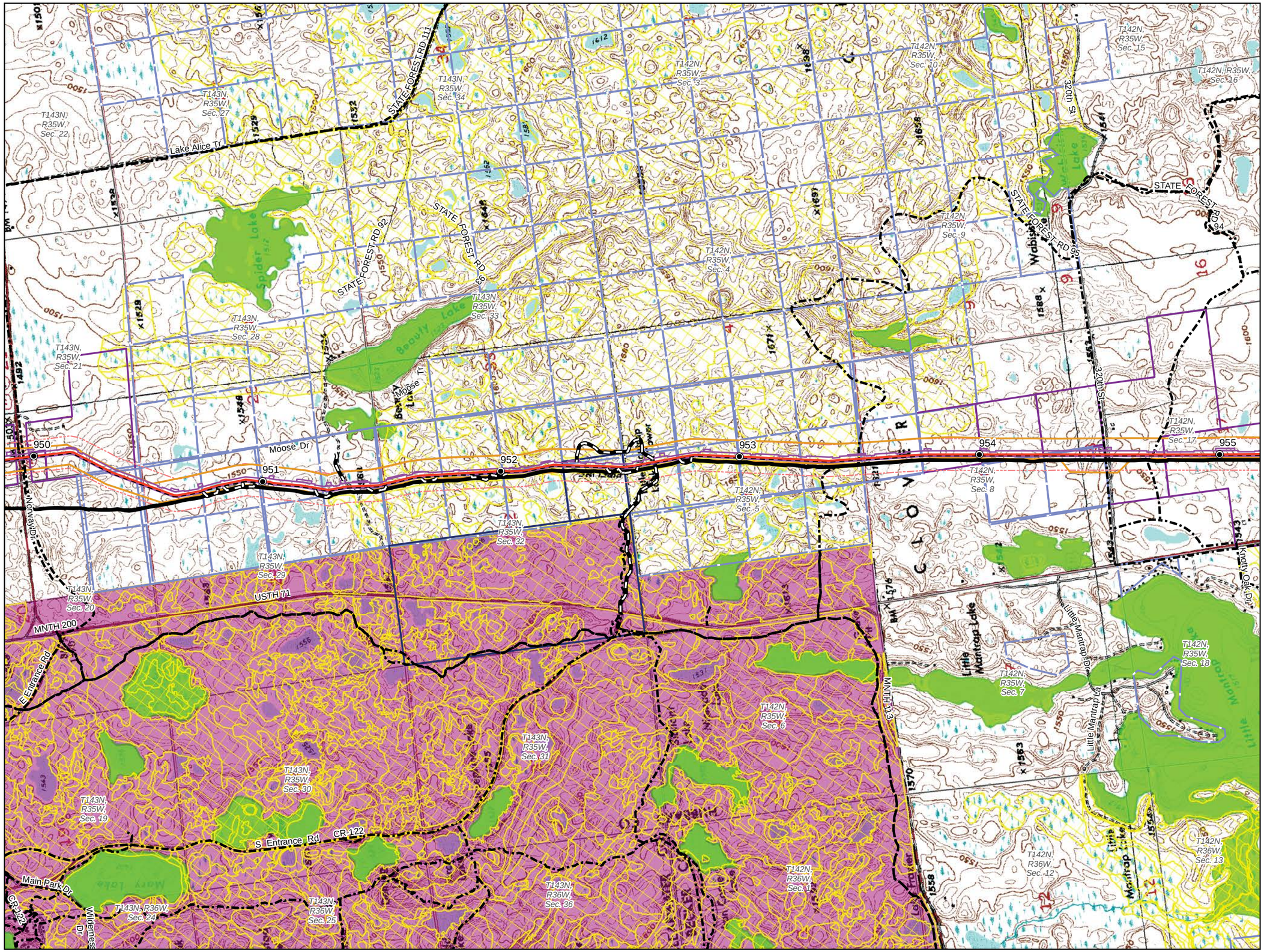
ENBRIDGE

For Environmental Review Purposes Only

3/23/2016

Source: Z:\Clients\E_H\Enbridge\SPP_L3\ArcGIS\2016\01\EAW_MN\Maps\L3_MN_EAW_map_topo_24k.mxd

Date: (3/23/2016)



0 1,000 2,000 Feet

1 inch = 2,000 feet

- Milepost
- L3R Centerline
- Sandpiper Centerline
- Construction Workspace
- Environmental Survey Area
- Route Width
- Widened Route Width
- Cathodic Protection Location
- Valve Location
- Blasting Site
- Pump Station - Disturbed Area
- Pump Station - Impervious Area
- Permanent Access Road to Valve
- Temporary Access Road
- Existing Utility
- MDNR Calcareous Fen
- State Impaired Waterbody
- State Trails
- State Water Trails
- State Trout Stream
- MDNR PWI Watercourse
- MDNR PWI Basin/Wetland
- MDNR Native Plant Community
- State Migratory Waterfowl Feeding/Resting Area
- State Forest
- MDNR Wildlife Management Area
- MDNR Aquatic Management Area
- MDNR Parks and Recreation Land
- Section Boundary
- Tribal Land
- Federal Land
- County Tax-Forfeit Land

Parcel Ownership

- State Land
- Private Lands/Other
- County Land

Enbridge Energy, Limited Partnership

Line 3 Replacement Project

1:24,000 Topographic Route Maps

Hubbard County, Minnesota

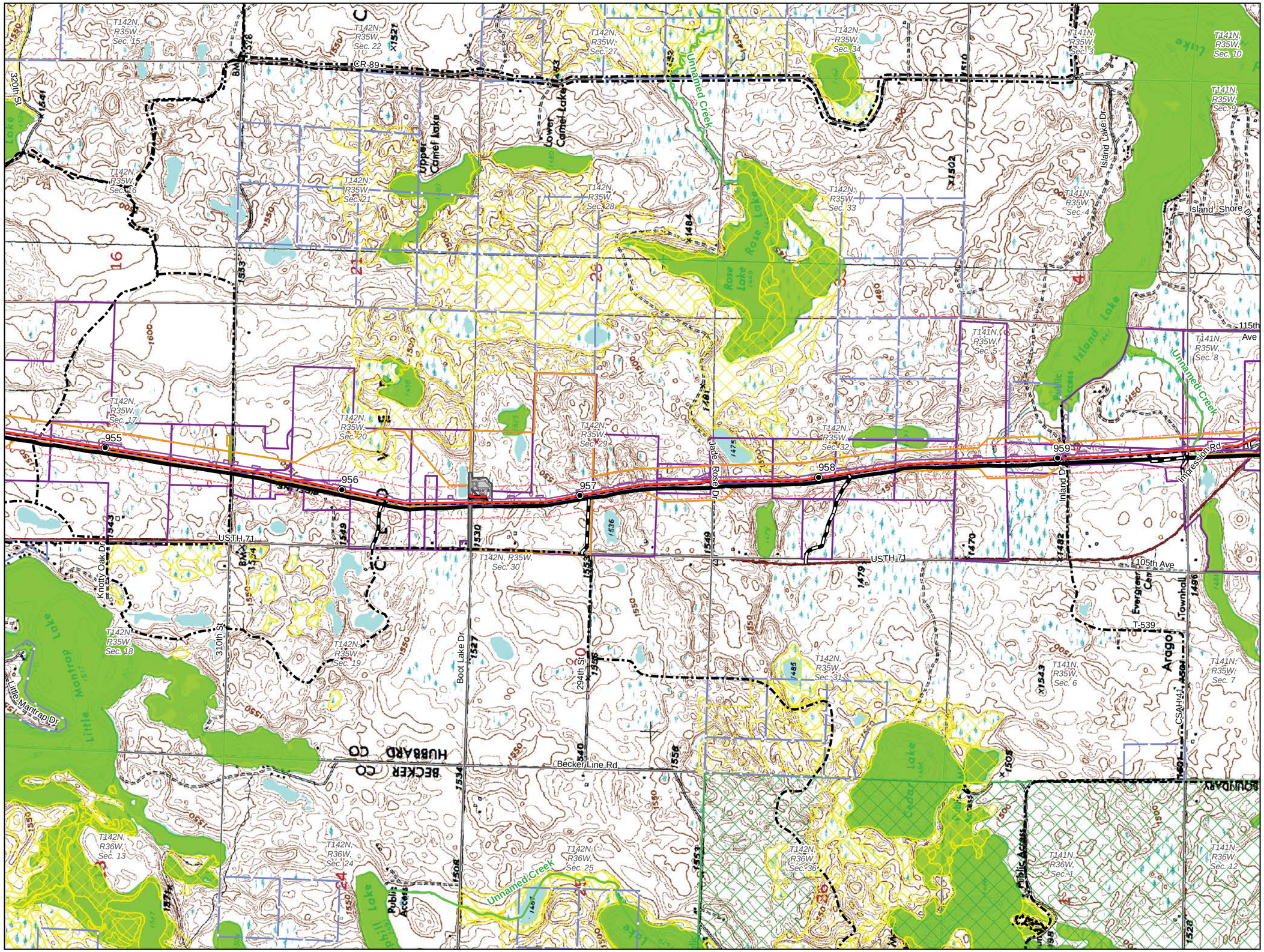
ENBRIDGE

For Environmental Review Purposes Only

3/23/2016

Source: Z:\Clients\E_P\EnbridgeSPP_L3\ArcGIS\2016\01\EAW_MN\MapsIL3_MN_EAW_map_topo_24k.mxd

Date: (3/23/2016)



0 1,000 2,000 Feet

1 inch = 2,000 feet

- Milepost
- L3R Centerline
- Sandpiper Centerline
- Construction Workspace
- Environmental Survey Area
- Route Width
- Widened Route Width
- Cathodic Protection Location
- Valve Location
- Blasting Site
- Pump Station - Disturbed Area
- Pump Station - Impervious Area
- Permanent Access Road to Valve
- Temporary Access Road
- Existing Utility
- MDNR Calcareous Fen
- State Impaired Waterbody
- State Trails
- State Water Trails
- State Trout Stream
- MDNR PWI Watercourse
- MDNR PWI Basin/Wetland
- MDNR Native Plant Community
- State Migratory Waterfowl Feeding/Resting Area
- State Forest
- MDNR Wildlife Management Area
- MDNR Aquatic Management Area
- MDNR Parks and Recreation Land
- Section Boundary
- Tribal Land
- Federal Land
- County Tax-Forfeit Land

Parcel Ownership

- State Land
- Private Lands/Other
- County Land

Enbridge Energy, Limited Partnership

Line 3 Replacement Project

1:24,000 Topographic Route Maps

Hubbard County, Minnesota

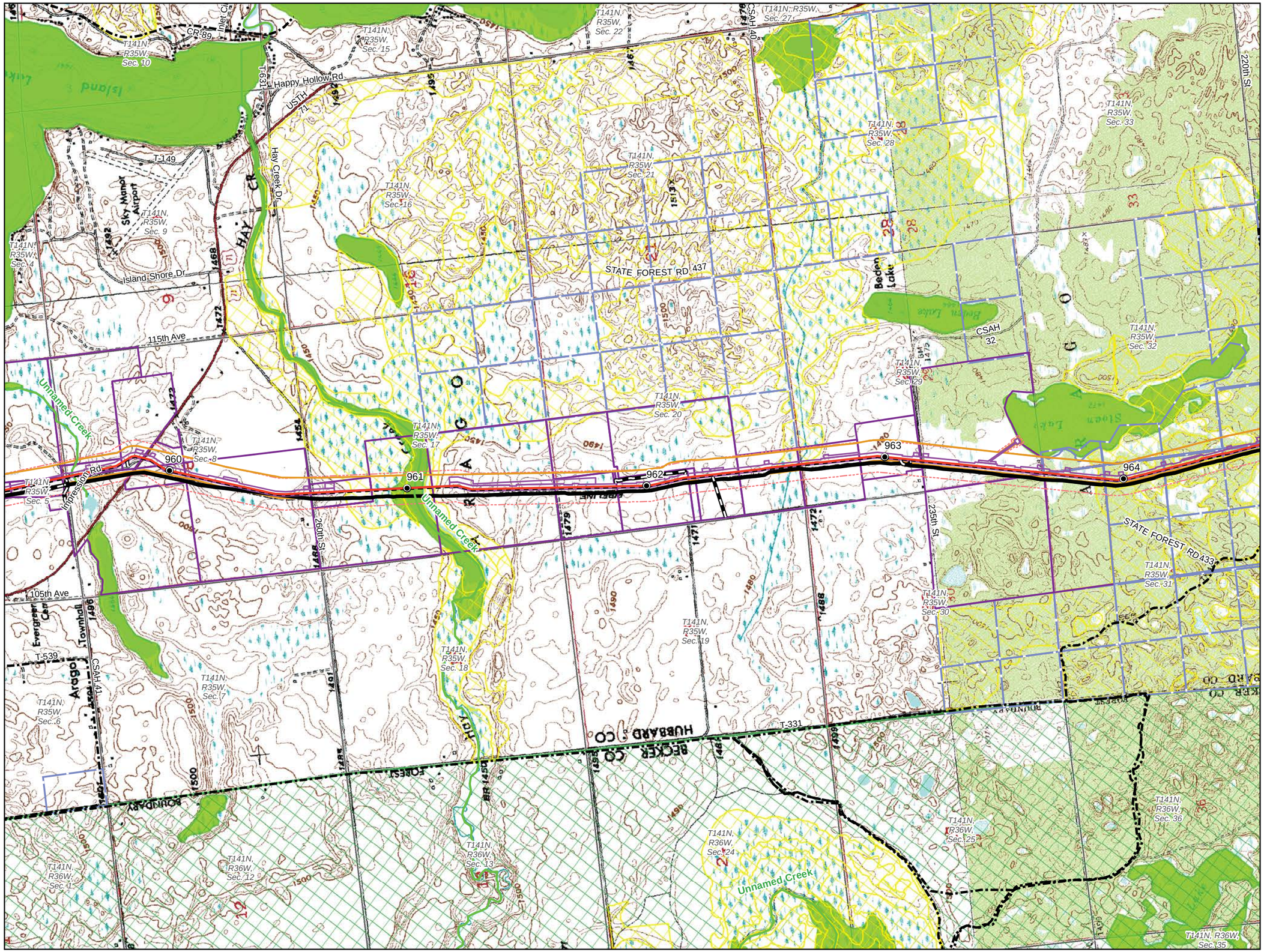
ENBRIDGE

For Environmental Review Purposes Only

3/23/2016

Source: z:\Clients\E_H\EnbridgeSPP_L3\Arcgis\2016\01\EAW_MN\Maps\L3_MN_EAW_map_topo_24k.mxd

Date: (3/23/2016)



0 1,000 2,000 Feet

1 inch = 2,000 feet

- Milepost
- L3R Centerline
- Sandpiper Centerline
- Construction Workspace
- Environmental Survey Area
- Route Width
- Widened Route Width
- Cathodic Protection Location
- Valve Location
- Blasting Site
- Pump Station - Disturbed Area
- Pump Station - Impervious Area
- Permanent Access Road to Valve
- Temporary Access Road
- Existing Utility
- MDNR Calcareous Fen
- State Impaired Waterbody
- State Trails
- State Water Trails
- State Trout Stream
- MDNR PWI Watercourse
- MDNR PWI Basin/Wetland
- MDNR Native Plant Community
- State Migratory Waterfowl Feeding/Resting Area
- State Forest
- MDNR Wildlife Management Area
- MDNR Aquatic Management Area
- MDNR Parks and Recreation Land
- Section Boundary
- Tribal Land
- Federal Land
- County Tax-Forfeit Land

Parcel Ownership

- State Land
- Private Lands/Other
- County Land

Enbridge Energy, Limited Partnership

Line 3 Replacement Project

1:24,000 Topographic Route Maps

Hubbard County, Minnesota

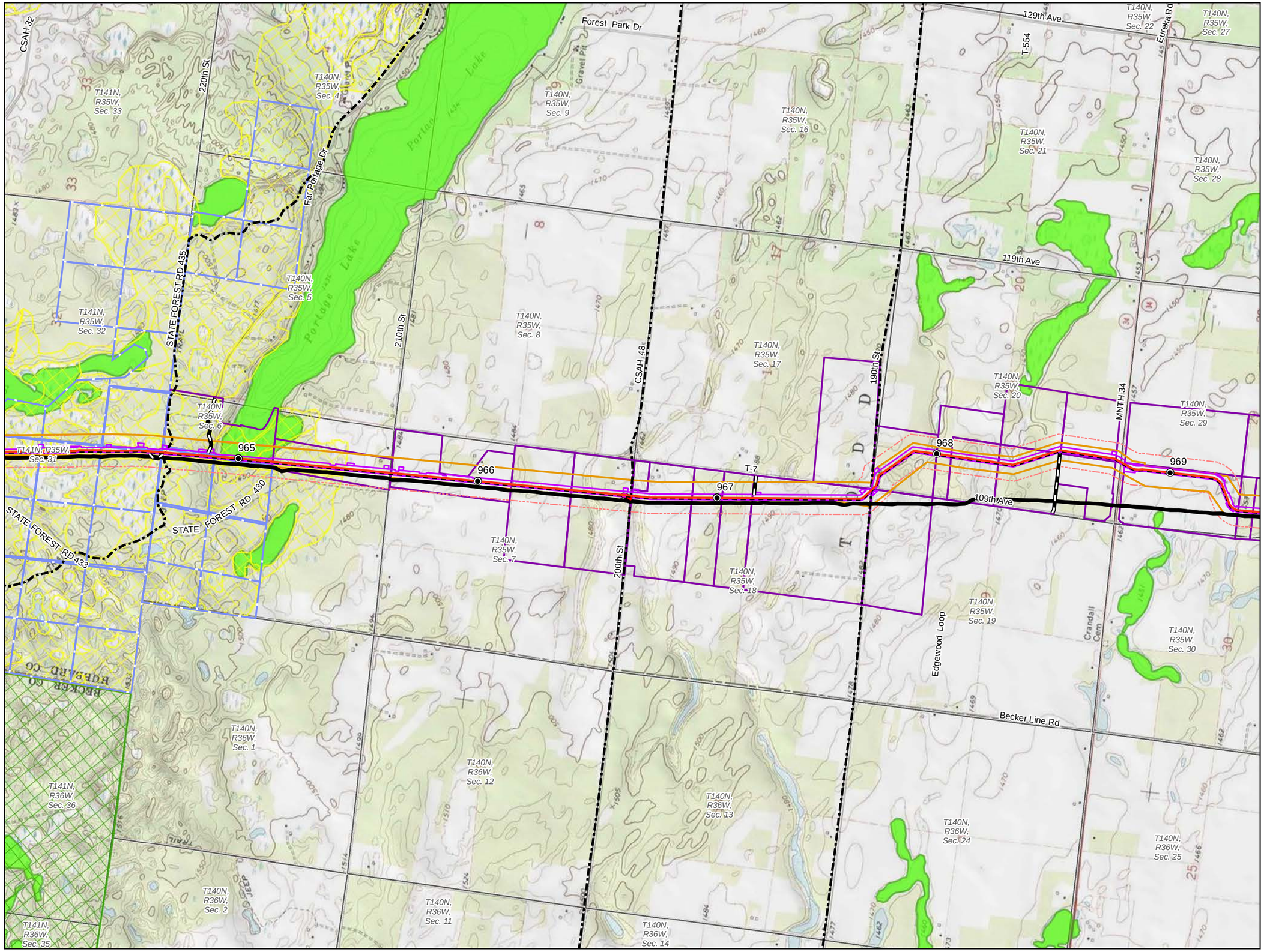
ENBRIDGE

For Environmental Review Purposes Only

3/23/2016

Source: Z:\Clients\E_H\Enbridge\SPP_L3\ArcGIS\2016\01\EAW_MN\Maps\L3_MN_EAW_map_topo_24k.mxd

Date: (3/23/2016)



0 1,000 2,000 Feet

1 inch = 2,000 feet

- Milepost
- L3R Centerline
- Sandpiper Centerline
- Construction Workspace
- Environmental Survey Area
- Route Width
- Widened Route Width
- Cathodic Protection Location
- Valve Location
- Blasting Site
- Pump Station - Disturbed Area
- Pump Station - Impervious Area
- Permanent Access Road to Valve
- Temporary Access Road
- Existing Utility
- MDNR Calcareous Fen
- State Impaired Waterbody
- State Trails
- State Water Trails
- State Trout Stream
- MDNR PWI Watercourse
- MDNR PWI Basin/Wetland
- MDNR Native Plant Community
- State Migratory Waterfowl Feeding/Resting Area
- State Forest
- MDNR Wildlife Management Area
- MDNR Aquatic Management Area
- MDNR Parks and Recreation Land
- Section Boundary
- Tribal Land
- Federal Land
- County Tax-Forfeit Land

Parcel Ownership

- State Land
- Private Lands/Other
- County Land

Enbridge Energy, Limited Partnership

Line 3 Replacement Project

1:24,000 Topographic Route Maps

Hubbard County, Minnesota

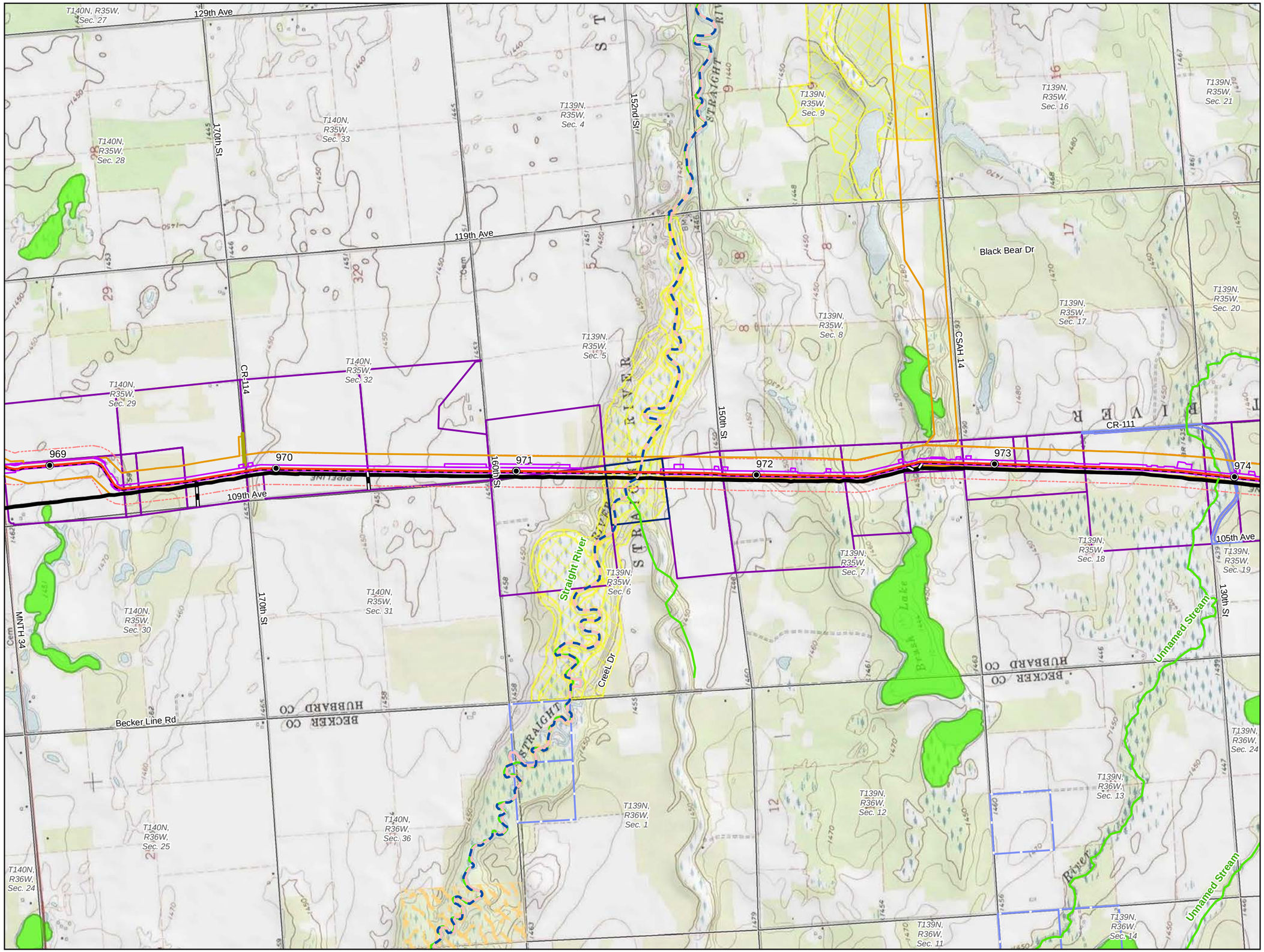
ENBRIDGE

For Environmental Review Purposes Only

3/23/2016

Source: Z:\Clients\E_H\Enbridge\SPP_L3\ArcGIS\2016\01\EAW_MN\Maps\L3_MN_EAW_map_topo_24k.mxd

Date: (3/23/2016)



0 1,000 2,000 Feet

1 inch = 2,000 feet

- Milepost
- L3R Centerline
- Sandpiper Centerline
- Construction Workspace
- Environmental Survey Area
- Route Width
- Widened Route Width
- Cathodic Protection Location
- Valve Location
- Blasting Site
- Pump Station - Disturbed Area
- Pump Station - Impervious Area
- Permanent Access Road to Valve
- Temporary Access Road
- Existing Utility
- MDNR Calcareous Fen
- State Impaired Waterbody
- State Trails
- State Water Trails
- State Trout Stream
- MDNR PWI Watercourse
- MDNR PWI Basin/Wetland
- MDNR Native Plant Community
- State Migratory Waterfowl Feeding/Resting Area
- State Forest
- MDNR Wildlife Management Area
- MDNR Aquatic Management Area
- MDNR Parks and Recreation Land
- Section Boundary
- Tribal Land
- Federal Land
- County Tax-Forfeit Land

Parcel Ownership

- State Land
- Private Lands/Other
- County Land

Enbridge Energy, Limited Partnership

Line 3 Replacement Project

1:24,000 Topographic Route Maps

Hubbard County, Minnesota

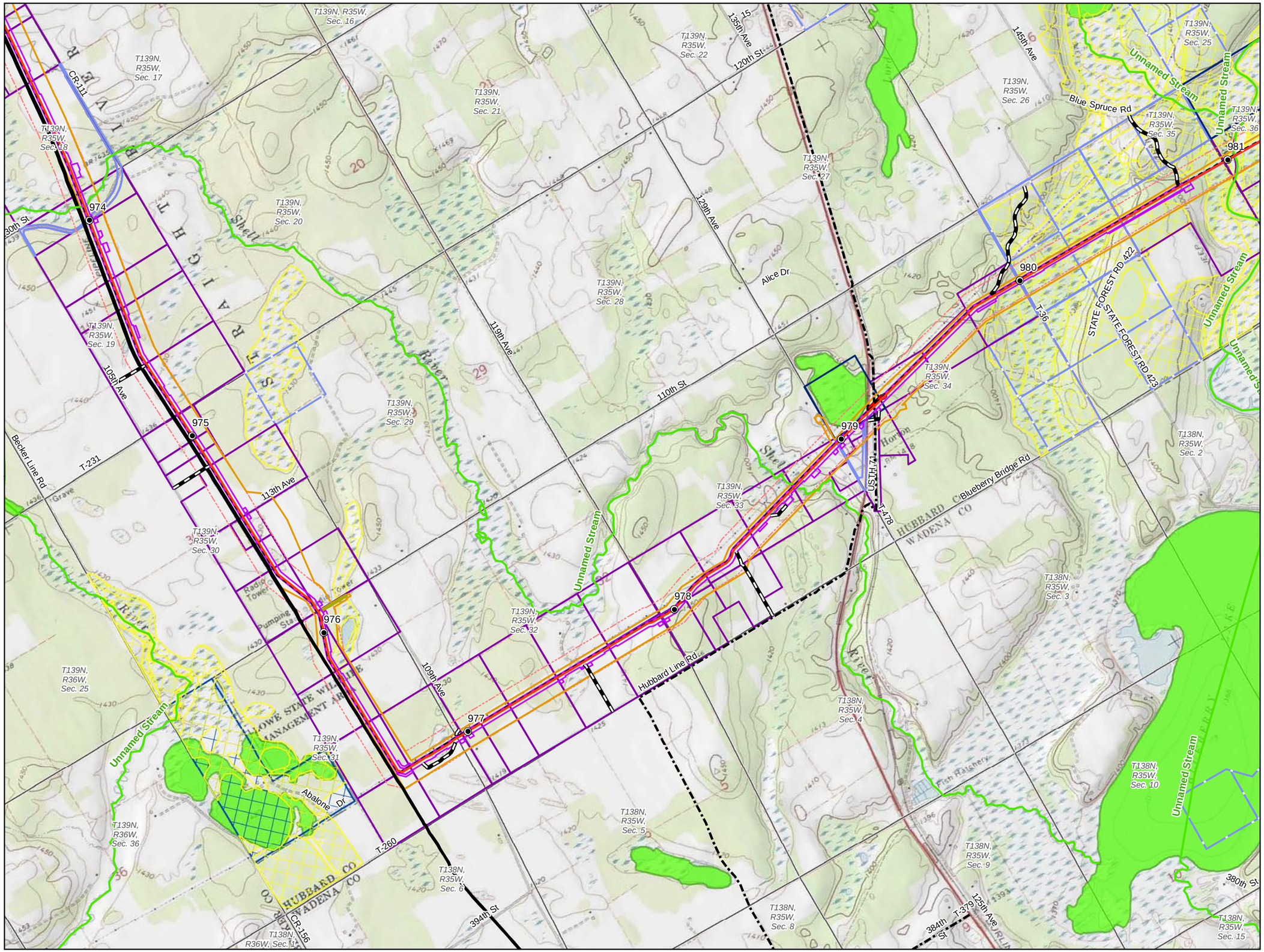
ENBRIDGE

For Environmental Review Purposes Only

3/23/2016

Source: Z:\Clients\E_H\Enbridge\SPP_L3\ArcGIS\2016\011\EAW_MN\Maps\L3_MN_EAW_map_topo_24k.mxd

Date: (3/23/2016)



0 1,000 2,000 Feet

1 inch = 2,000 feet

- Milepost
- L3R Centerline
- Sandpiper Centerline
- Construction Workspace
- Environmental Survey Area
- Route Width
- Widened Route Width
- Cathodic Protection Location
- Valve Location
- Blasting Site
- Pump Station - Disturbed Area
- Pump Station - Impervious Area
- Permanent Access Road to Valve
- Temporary Access Road
- Existing Utility
- MDNR Calcareous Fen
- State Impaired Waterbody
- State Trails
- State Water Trails
- State Trout Stream
- MDNR PWI Watercourse
- MDNR PWI Basin/Wetland
- MDNR Native Plant Community
- State Migratory Waterfowl Feeding/Resting Area
- State Forest
- MDNR Wildlife Management Area
- MDNR Aquatic Management Area
- MDNR Parks and Recreation Land
- Section Boundary
- Tribal Land
- Federal Land
- County Tax-Forfeit Land

Parcel Ownership

- State Land
- Private Lands/Other
- County Land

Enbridge Energy, Limited Partnership

Line 3 Replacement Project

1:24,000 Topographic Route Maps

Hubbard County, Minnesota

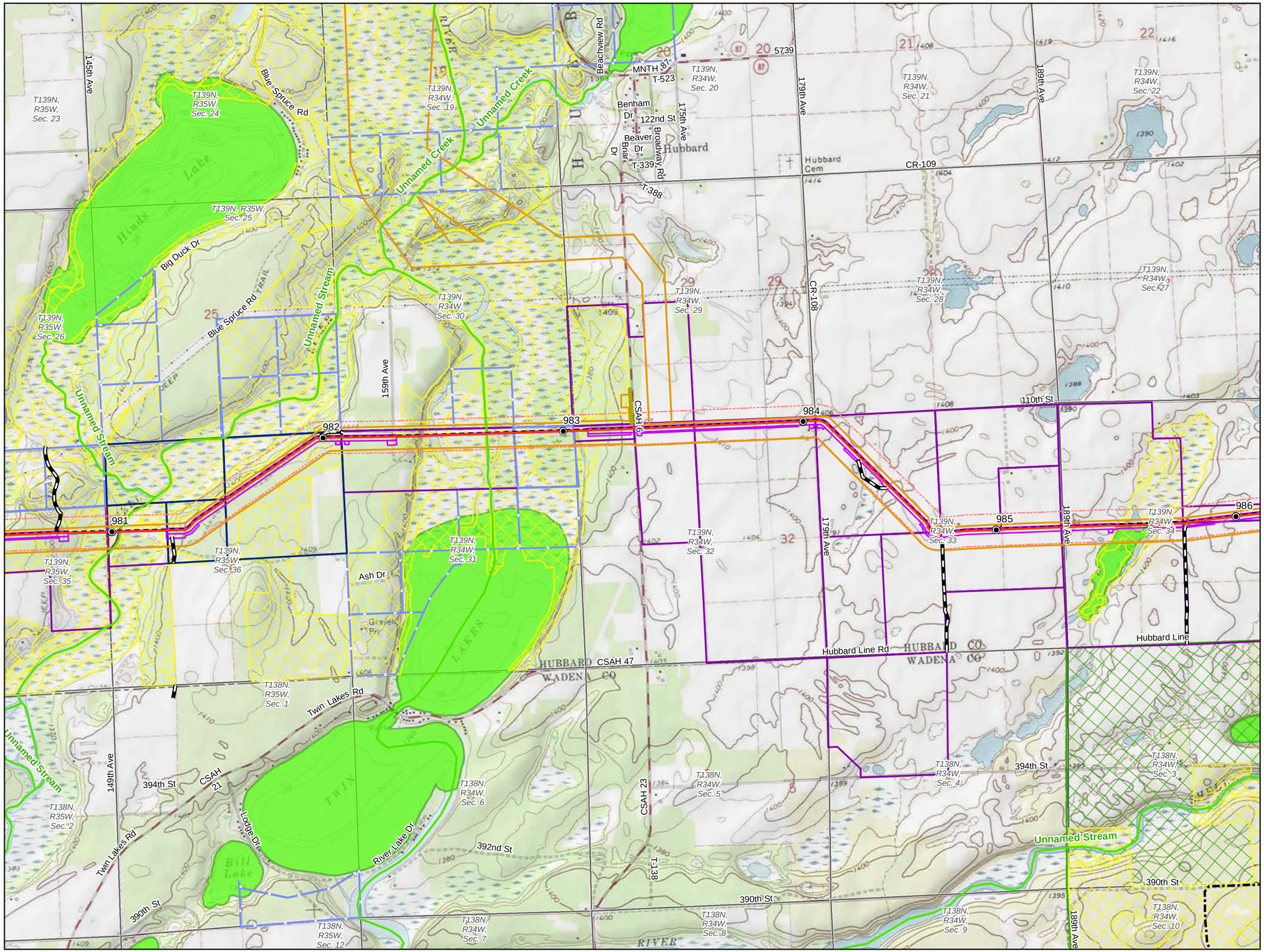
ENBRIDGE

For Environmental Review Purposes Only

3/23/2016

Source: Z:\Clients\E_H\Enbridge\SPP_L3\ArcGIS\2016\01\EAV_MN\Maps\L3_MN_EAV_map_topo_24k.mxd

Date: (3/23/2016)



0 1,000 2,000 Feet

1 inch = 2,000 feet

- Milepost
- L3R Centerline
- Sandpiper Centerline
- Construction Workspace
- Environmental Survey Area
- Route Width
- Widened Route Width
- Cathodic Protection Location
- Valve Location
- Blasting Site
- Pump Station - Disturbed Area
- Pump Station - Impervious Area
- Permanent Access Road to Valve
- Temporary Access Road
- Existing Utility
- MDNR Calcareous Fen
- State Impaired Waterbody
- State Trails
- State Water Trails
- State Trout Stream
- MDNR PWI Watercourse
- MDNR PWI Basin/Wetland
- MDNR Native Plant Community
- State Migratory Waterfowl Feeding/Resting Area
- State Forest
- MDNR Wildlife Management Area
- MDNR Aquatic Management Area
- MDNR Parks and Recreation Land
- Section Boundary
- Tribal Land
- Federal Land
- County Tax-Forfeit Land

Parcel Ownership

- State Land
- County Land
- Private Lands/Other

Enbridge Energy, Limited Partnership

Line 3 Replacement Project

1:24,000 Topographic Route Maps

Hubbard County, Minnesota

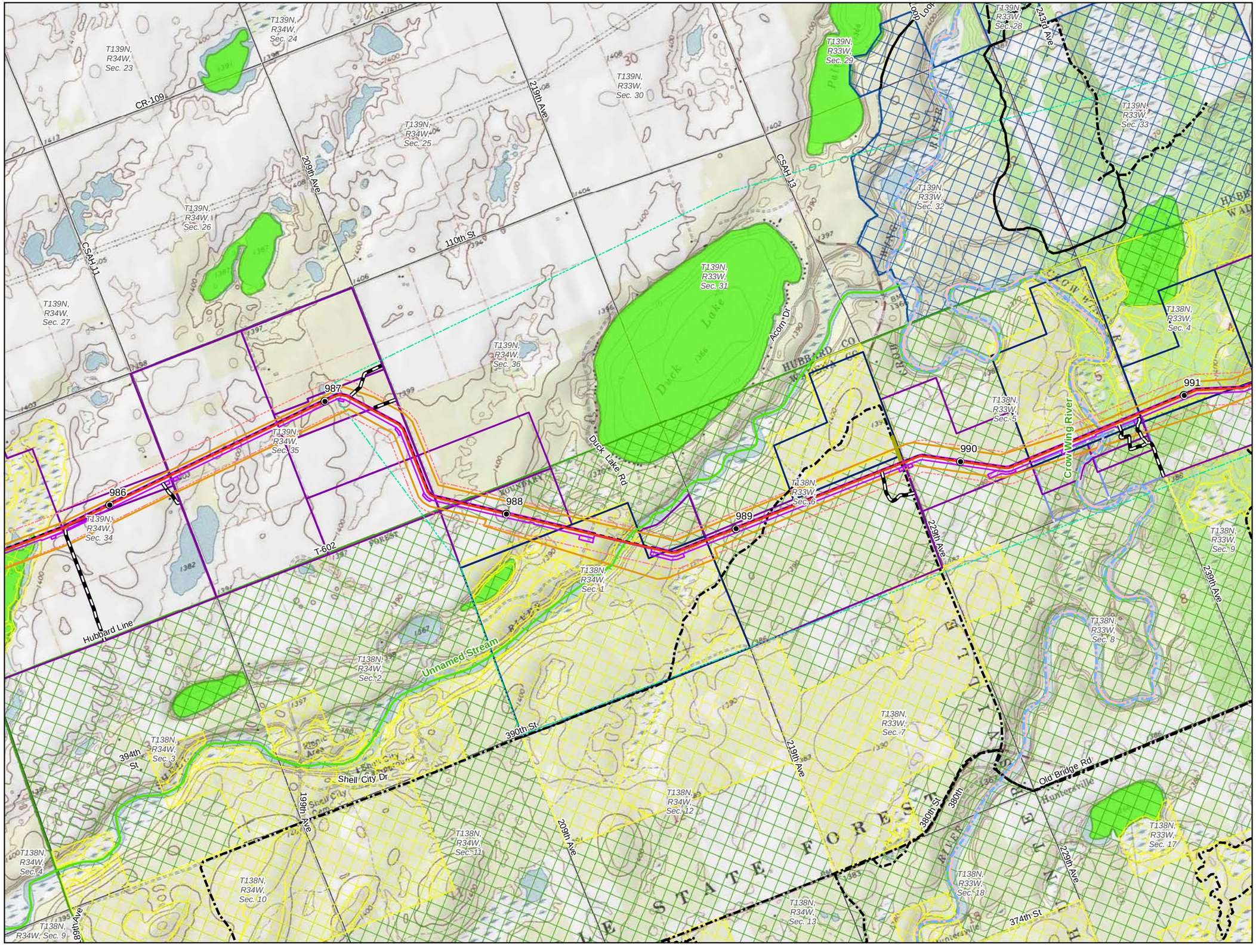
ENBRIDGE

For Environmental Review Purposes Only

3/23/2016

Source: Z:\Clients\E_P\Enbridge\SPP_L3\ArcGIS\2016\01\EAW_MN\Maps\L3_MN_EAW_map_topo_24k.mxd

Date: (3/23/2016)



0 1,000 2,000 Feet

1 inch = 2,000 feet

- Milepost
- L3R Centerline
- Sandpiper Centerline
- Construction Workspace
- Environmental Survey Area
- Route Width
- Widened Route Width
- Cathodic Protection Location
- Valve Location
- Blasting Site
- Pump Station - Disturbed Area
- Pump Station - Impervious Area
- Permanent Access Road to Valve
- Temporary Access Road
- Existing Utility
- MDNR Calcareous Fen
- State Impaired Waterbody
- State Trails
- State Water Trails
- State Trout Stream
- MDNR PWI Watercourse
- MDNR PWI Basin/Wetland
- MDNR Native Plant Community
- State Migratory Waterfowl Feeding/Resting Area
- State Forest
- MDNR Wildlife Management Area
- MDNR Aquatic Management Area
- MDNR Parks and Recreation Land
- Section Boundary
- Tribal Land
- Federal Land
- County Tax-Forfeit Land

Parcel Ownership

- State Land
- Private Lands/Other
- County Land

Enbridge Energy, Limited Partnership

Line 3 Replacement Project

1:24,000 Topographic Route Maps

Hubbard and Wadena Counties, Minnesota

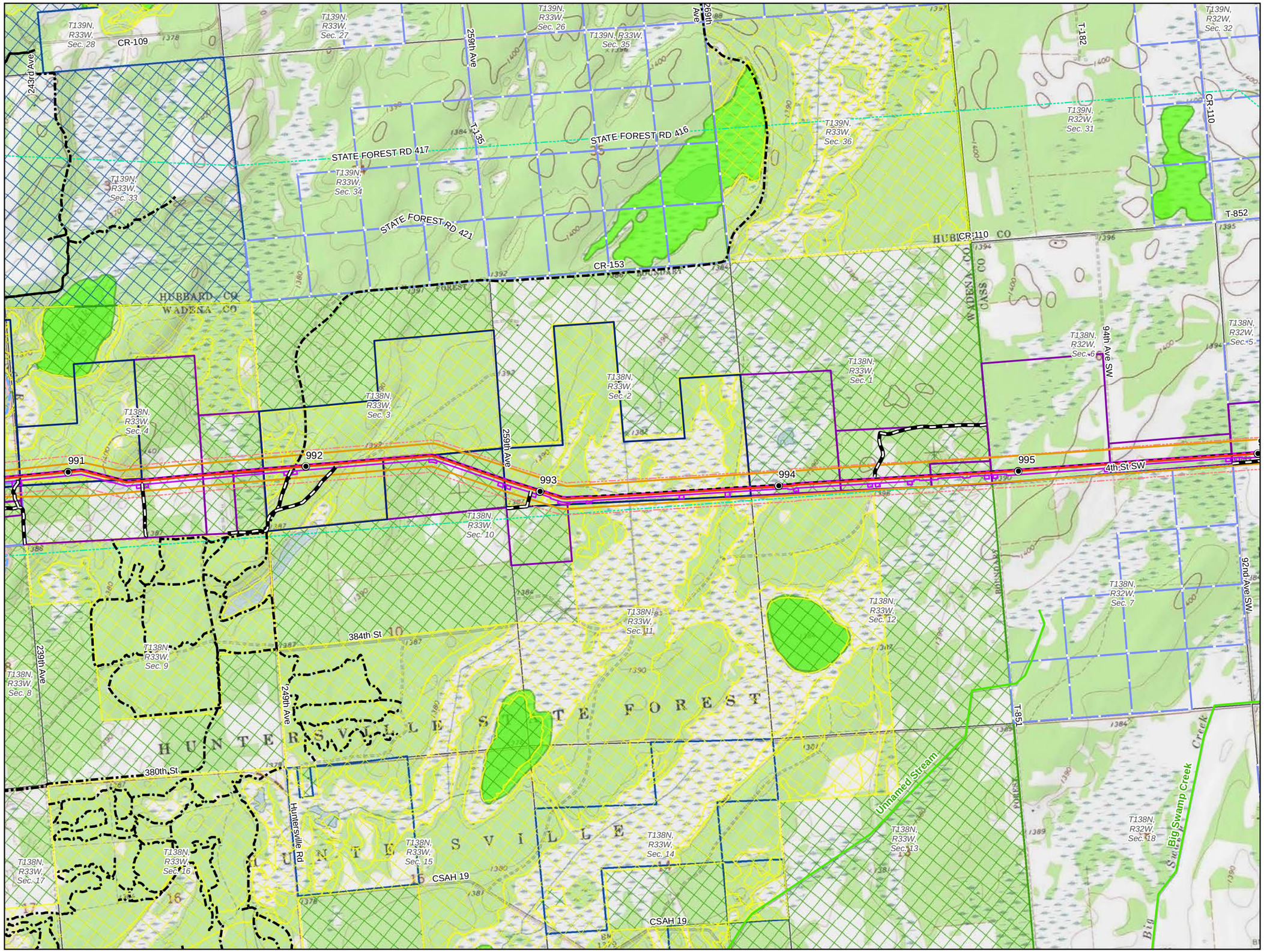
ENBRIDGE

For Environmental Review Purposes Only

3/23/2016

Source: Z:\Clients\E_H\Enbridge\SPP_L3\ArcGIS\2016\01\EAW_MN\Maps\L3_MN_EAW_map_topo_24k.mxd

Date: (3/23/2016)



0 1,000 2,000 Feet

1 inch = 2,000 feet

- Milepost
- L3R Centerline
- Sandpiper Centerline
- Construction Workspace
- Environmental Survey Area
- Route Width
- Widened Route Width
- Cathodic Protection Location
- Valve Location
- Blasting Site
- Pump Station - Disturbed Area
- Pump Station - Impervious Area
- Permanent Access Road to Valve
- Temporary Access Road
- Existing Utility
- MDNR Calcareous Fen
- State Impaired Waterbody
- State Trails
- State Water Trails
- State Trout Stream
- MDNR PWI Watercourse
- MDNR PWI Basin/Wetland
- MDNR Native Plant Community
- State Migratory Waterfowl Feeding/Resting Area
- State Forest
- MDNR Wildlife Management Area
- MDNR Aquatic Management Area
- MDNR Parks and Recreation Land
- Section Boundary
- Tribal Land
- Federal Land
- County Tax-Forfeit Land

Parcel Ownership

- State Land
- Private Lands/Other
- County Land

Enbridge Energy, Limited Partnership

Line 3 Replacement Project

1:24,000 Topographic Route Maps

Wadena and Cass Counties, Minnesota

ENBRIDGE

For Environmental Review Purposes Only

3/23/2016

Source: Z:\Clients\E_H\Enbridge\SPP_L3\ArcGIS\2016\01\EAW_MN\Mapsit\L3_MN_EAW_map_topo_24k.mxd

Date: (3/23/2016)