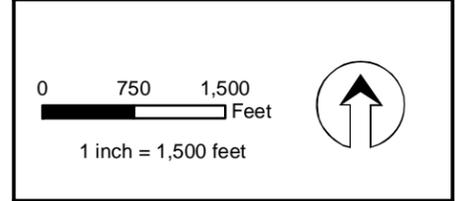


Native Plant Community (DNR)

- Calcareous Fen (Southeastern)
- Bulrush Marsh (Northern)
- Mesic Prairie (Southern)
- Pin Oak - Bur Oak Woodland
- Seepage Meadow/Carr

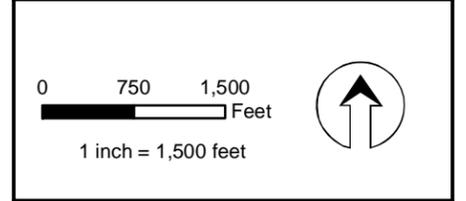
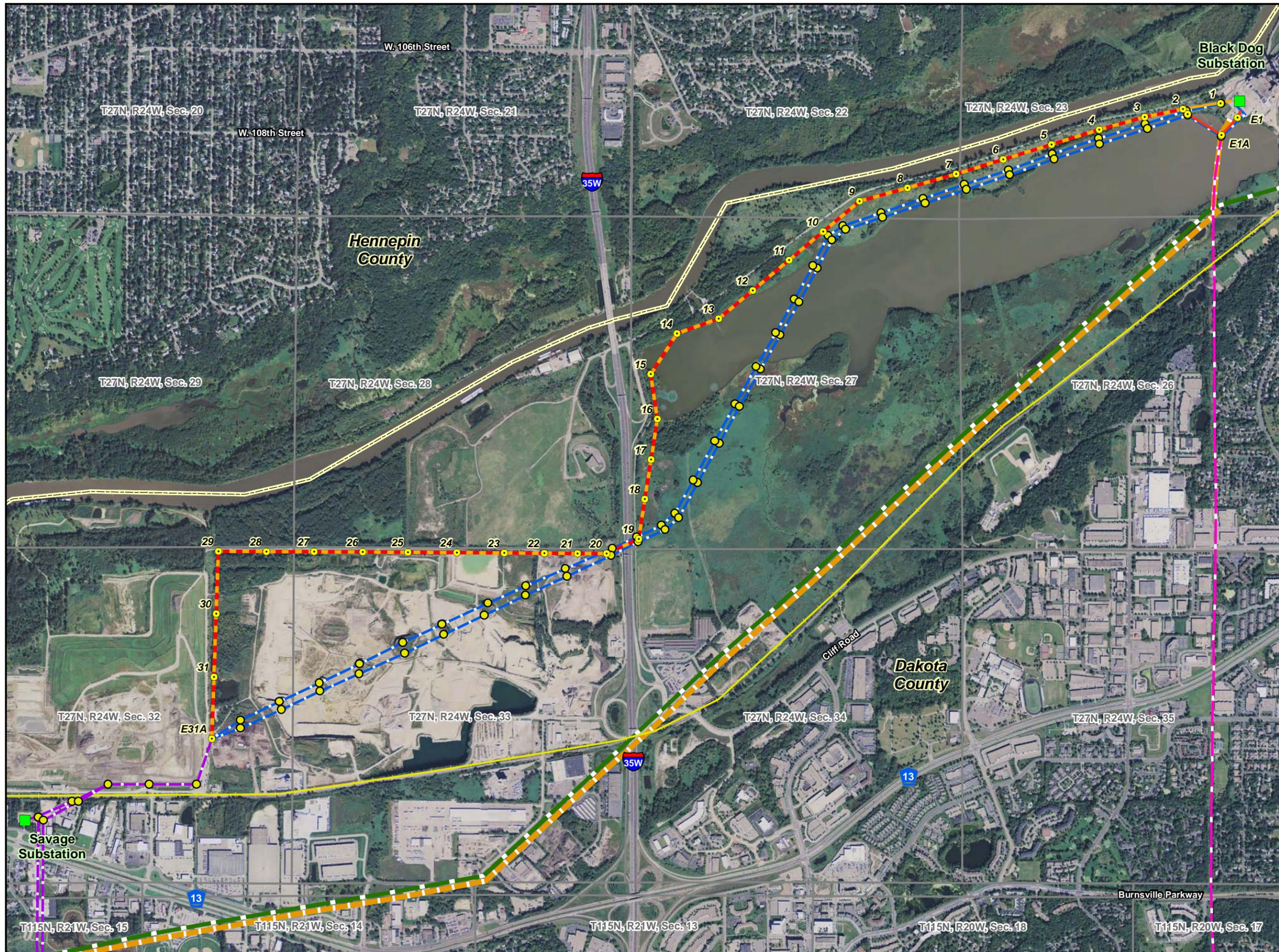


- Proposed Structures
- Existing Structures
- Xcel Owned Substation
- Existing Line 0832 Single Circuit (115kV)
- Existing Line 5539 Single Circuit (115kV)
- Existing Lines 0976 and 0989 Double Circuit (345kV)
- Alternative Segment - Line 0844 Single Circuit (115kV)
- Proposed Line 0861 Single Circuit (115kV)
- Proposed Line 0844 Single Circuit (115kV)
- Proposed Line 0844 and 0861 Double Circuit (115kV)
- Existing Lines 0844 and 0861
- Existing Line Removal (0844 and 0861)
- Alternative Segment - Lines 0844 and 0861 Double Circuit (115kV)
- Alternative Segment - Line 0861 Single Circuit (115kV)
- Union-Pacific Railroad
- Section Boundary
- County Boundary



FIGURE B-11
PROJECT ALTERNATIVES MAP
 Rebuild of Transmission Lines 0844 and 0861 Project
 Xcel Energy
 Burnsville, Minnesota

Source: Aerial Photography: NAIP 2010
 All Other Data Provided by Xcel Energy, Merjent, ESRI, MNDOT and the MN DNR
 This information is for environmental review purposes only.
 Revision Date: 12/28/2011

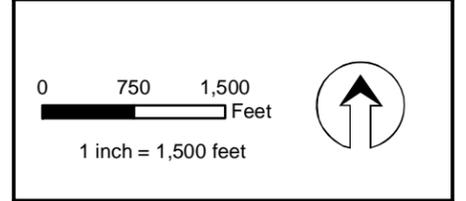
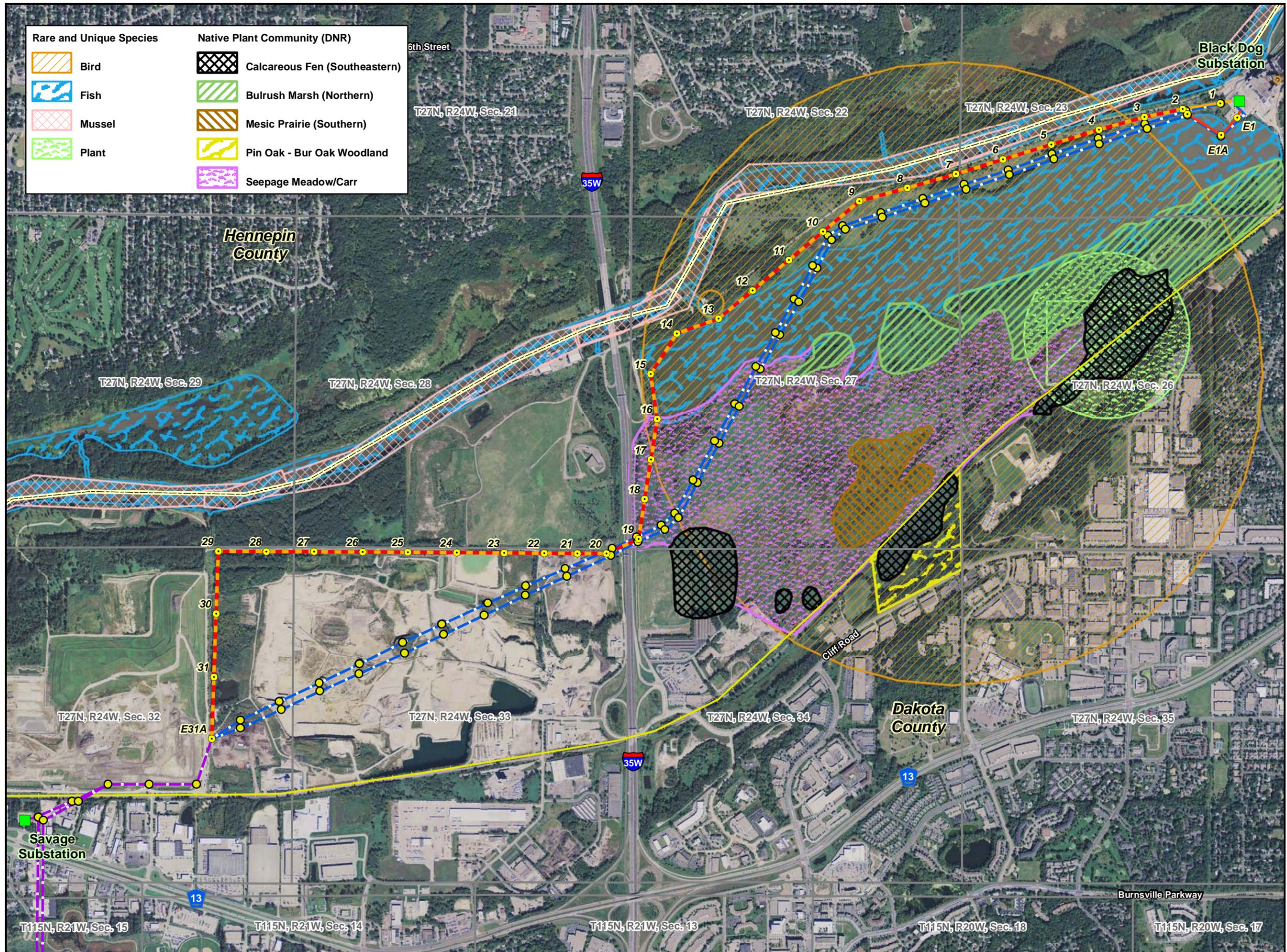


- Proposed Structures
- Existing Structures
- Xcel Owned Substation
- Proposed Line 0861 Single Circuit (115kV)
- Proposed Line 0844 Single Circuit (115kV)
- Proposed Line 0844 and 0861 Double Circuit (115kV)
- Existing Line Removal (0844 and 0861)
- Existing Lines (0844 and 0861)
- Union-Pacific Railroad
- Existing Line 0832 Single Circuit (115kV)
- Existing Line 5539 Single Circuit (115kV)
- Existing Lines 0976 and 0989 Double Circuit (345kV)
- Section Boundary
- County Boundary



FIGURE B-12
XCEL ENERGY EXISTING AND PROPOSED TRANSMISSION LINES MAP
 Rebuild of Transmission Lines 0844 and 0861 Project
 Xcel Energy
 Burnsville, Minnesota

Source: Aerial Photography: NAIP 2010
 All Other Data Provided by Xcel Energy, Merjent, ESRI, MNDOT and the MN DNR
 This information is for environmental review purposes only.
 Revision Date: 11/21/2011



- Proposed Structures
- Existing Structures
- Xcel Owned Substation
- Proposed Line 0861 Single Circuit (115kV)
- Proposed Line 0844 Single Circuit (115kV)
- Proposed Line 0844 and 0861 Double Circuit (115kV)
- Existing Line Removal (0844 and 0861)
- Existing Lines (0844 and 0861)
- Union-Pacific Railroad
- Section Boundary
- County Boundary

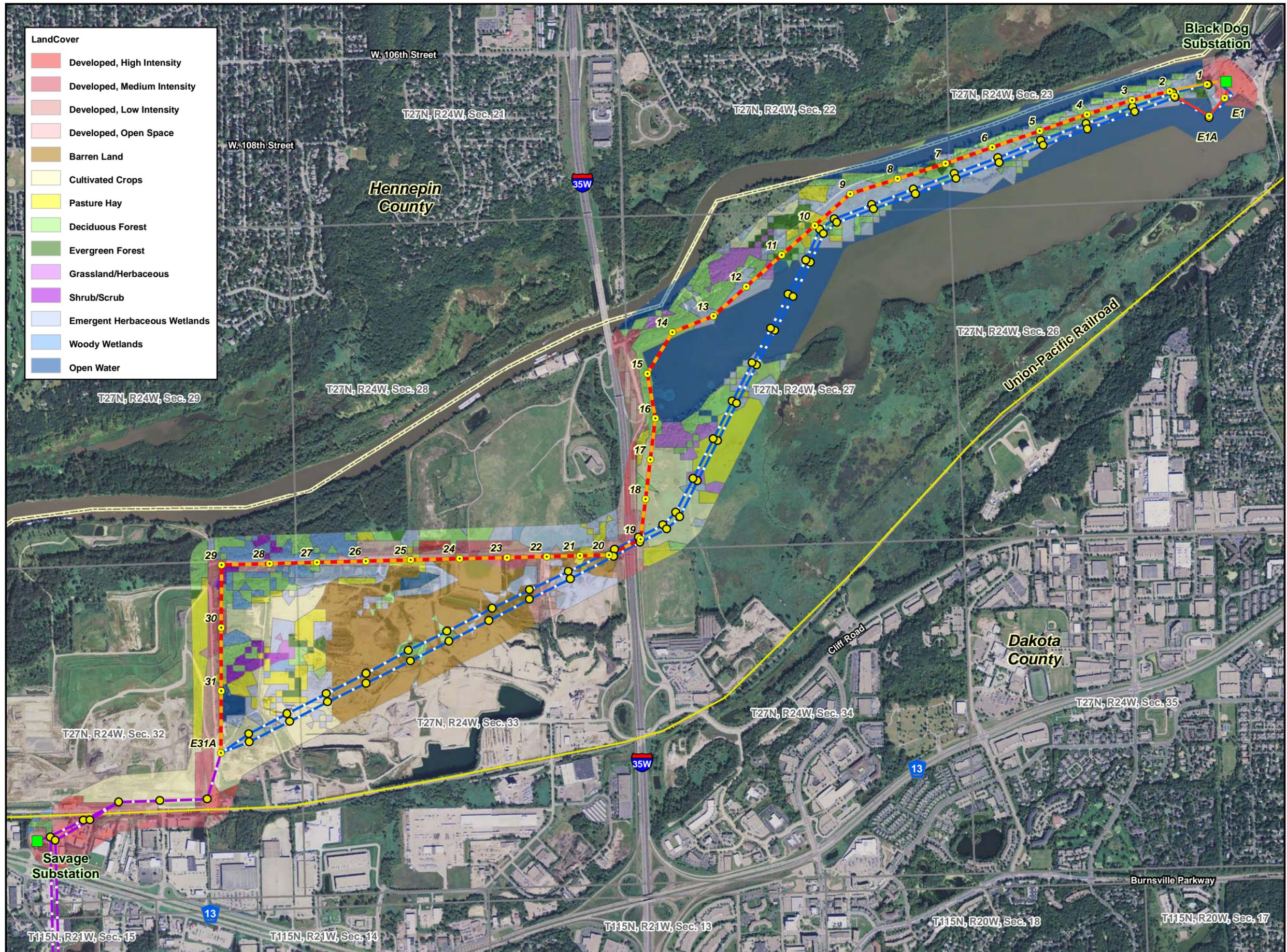


FIGURE B-13

RARE AND UNIQUE SPECIES MAP

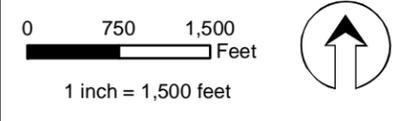
**Rebuild of Transmission Lines 0844 and 0861 Project
Xcel Energy
Burnsville, Minnesota**

Source: Aerial Photography: NAIP 2010
All Other Data Provided by Xcel Energy, Merjent, ESRI, MNDOT and the MN DNR
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Revision Date: 11/21/2011



LandCover

[Red]	Developed, High Intensity
[Light Red]	Developed, Medium Intensity
[Pink]	Developed, Low Intensity
[Light Pink]	Developed, Open Space
[Brown]	Barren Land
[Yellow]	Cultivated Crops
[Light Green]	Pasture Hay
[Green]	Deciduous Forest
[Dark Green]	Evergreen Forest
[Purple]	Grassland/Herbaceous
[Light Purple]	Shrub/Scrub
[Light Blue]	Emergent Herbaceous Wetlands
[Blue]	Woody Wetlands
[Dark Blue]	Open Water



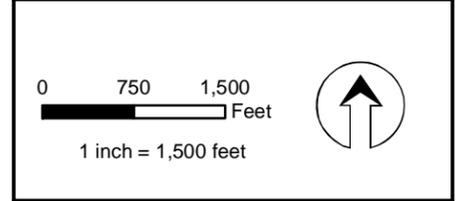
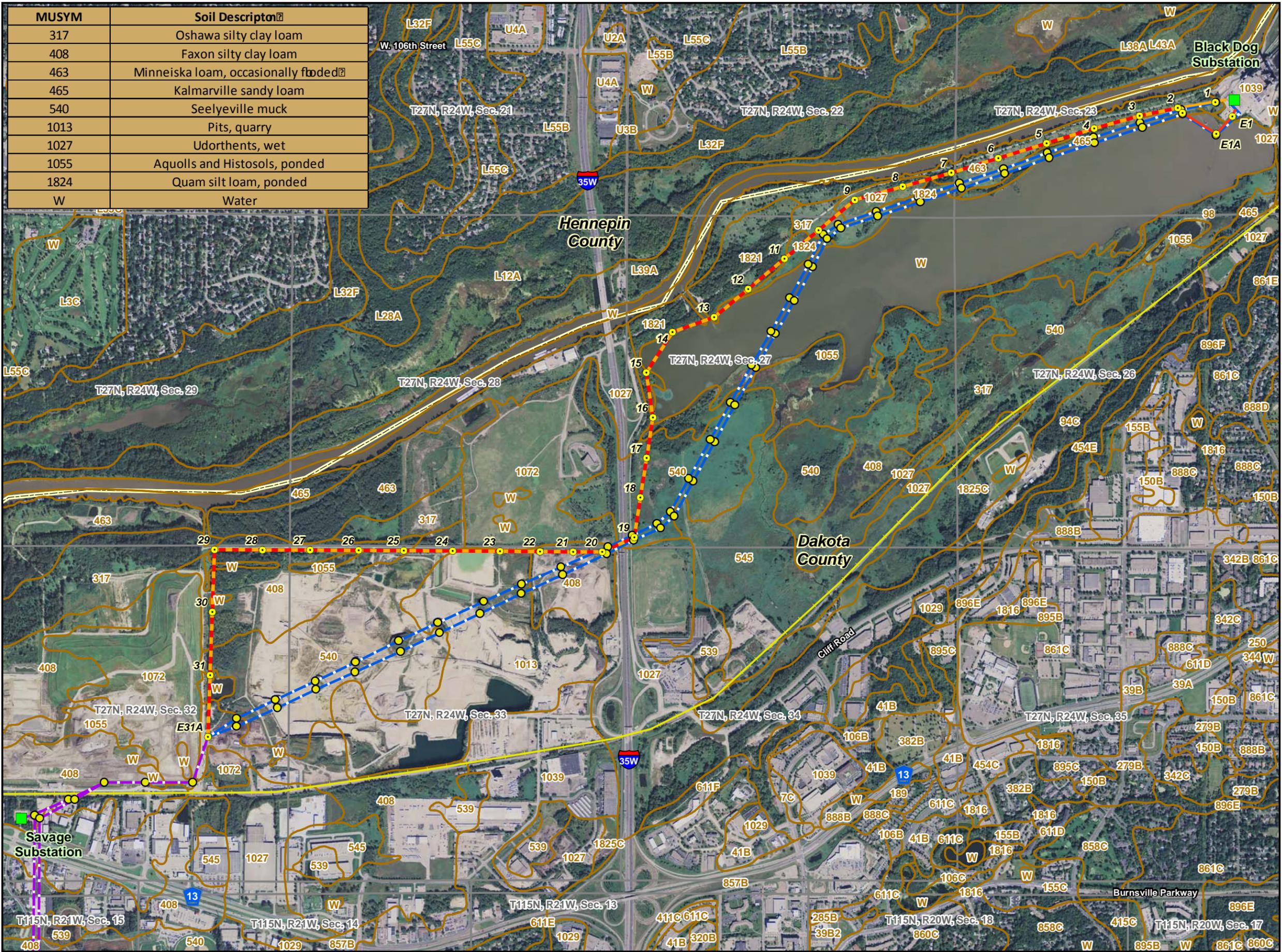
- Proposed Structures
- Existing Structures
- Xcel Owned Substation
- Proposed Line 0861 Single Circuit (115kV)
- Proposed Line 0844 Single Circuit (115kV)
- Proposed Line 0844 and 0861 Double Circuit (115kV)
- Existing Line Removal (0844 and 0861)
- Existing Lines (0844 and 0861)
- Union-Pacific Railroad
- Section Boundary
- County Boundary



FIGURE B-14
LANDUSE/LANDCOVER
MAP
 Rebuild of Transmission
 Lines 0844 and 0861 Project
 Xcel Energy
 Burnsville, Minnesota

Source: Aerial Photography: NAIP 2010
 All Other Data Provided by Xcel Energy, Merjent,
 ESRI, MNDOT and the MN DNR
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 Revision Date: 11/21/2011

MUSYM	Soil Description
317	Oshawa silty clay loam
408	Faxon silty clay loam
463	Minneiska loam, occasionally flooded
465	Kalmarville sandy loam
540	Seelyeville muck
1013	Pits, quarry
1027	Udorthents, wet
1055	Aquolls and Histosols, ponded
1824	Quam silt loam, ponded
W	Water



- Proposed Structures
- Existing Structures
- Xcel Owned Substation
- Proposed Line 0861 Single Circuit (115kV)
- Proposed Line 0844 Single Circuit (115kV)
- Proposed Line 0844 and 0861 Double Circuit (115kV)
- Existing Line Removal (0844 and 0861)
- Existing Lines (0844 and 0861)
- Union-Pacific Railroad
- SSURGO Soils Data
- Section Boundary
- County Boundary

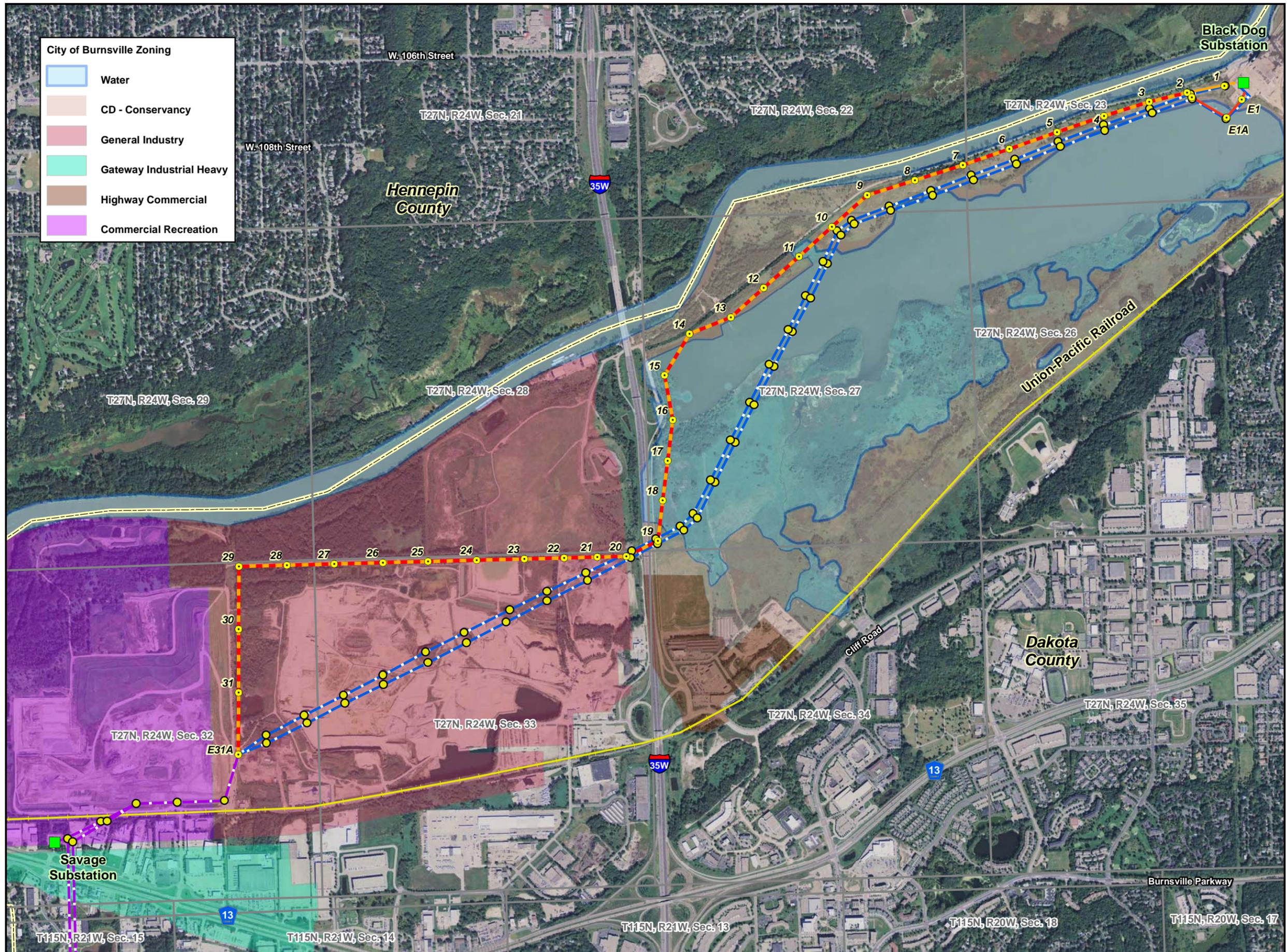


FIGURE B-15

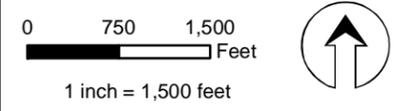
SOIL SERIES MAP

Rebuild of Transmission Lines 0844 and 0861 Project
Xcel Energy
Burnsville, Minnesota

Source: Aerial Photography: NAIP 2010
 All Other Data Provided by Xcel Energy, Merjent, NRCS, ESRI, MNDOT and the MN DNR
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- City of Burnsville Zoning**
- Water
 - CD - Conservancy
 - General Industry
 - Gateway Industrial Heavy
 - Highway Commercial
 - Commercial Recreation



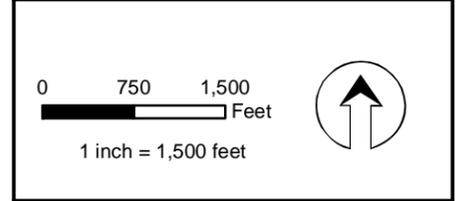
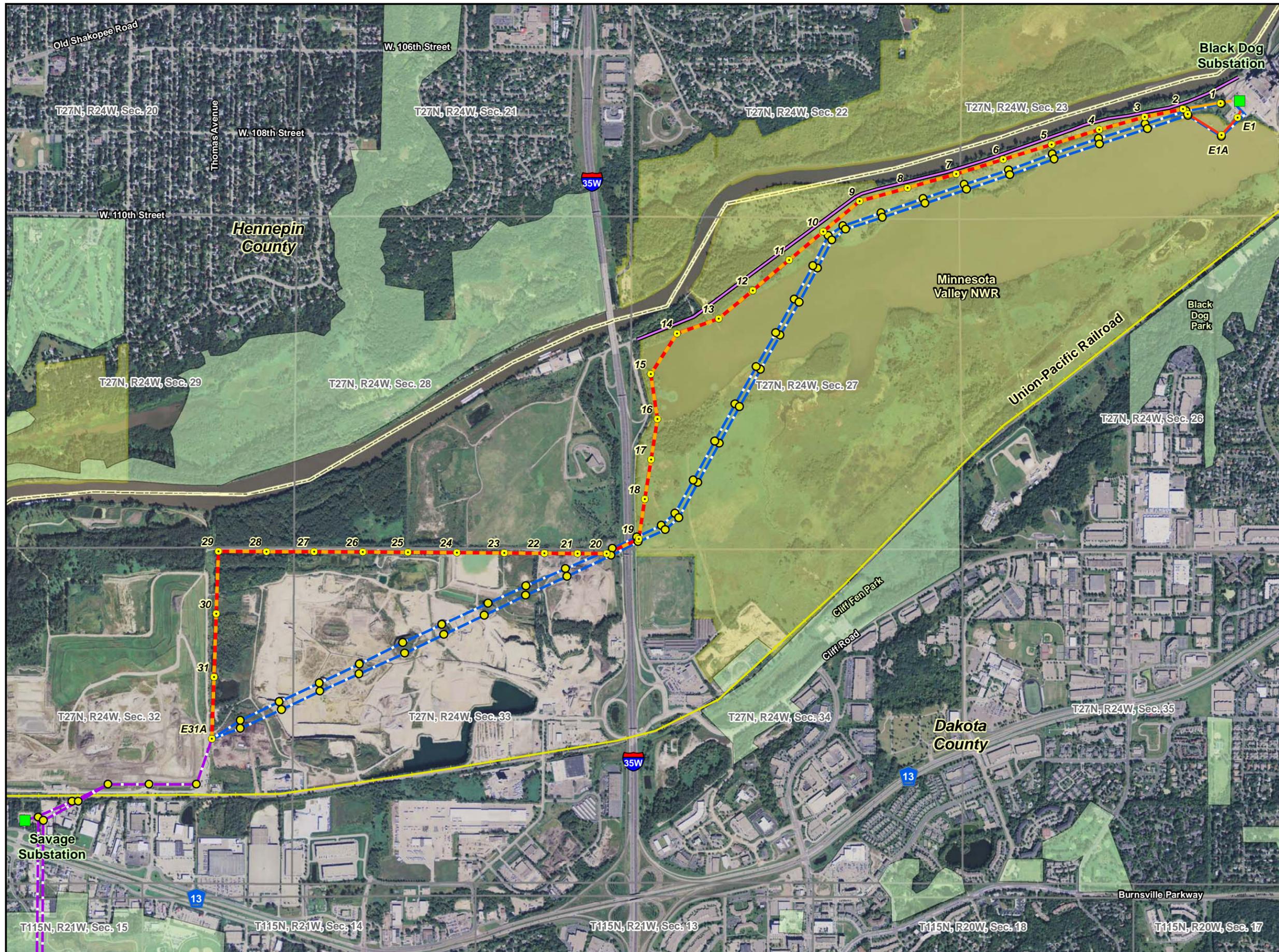
- Proposed Structures
- Existing Structures
- Xcel Owned Substation
- Proposed Line 0861 Single Circuit (115kV)
- Proposed Line 0844 Single Circuit (115kV)
- Proposed Line 0844 and 0861 Double Circuit (115kV)
- Existing Line Removal (0844 and 0861)
- Existing Lines (0844 and 0861)
- Union-Pacific Railroad
- Section Boundary
- County Boundary



FIGURE B-16
ZONING MAP

Rebuild of Transmission Lines 0844 and 0861 Project
Xcel Energy
Burnsville, Minnesota

Source: Aerial Photography: NAIP 2010
All Other Data Provided by Xcel Energy, Merjent, ESRI, MNDOT and the MN DNR
This information is for environmental review purposes only.
Revision Date: 11/21/2011

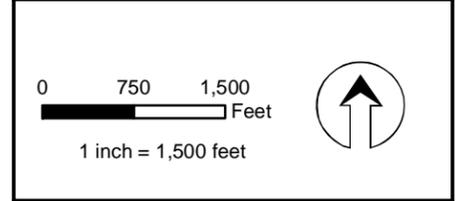
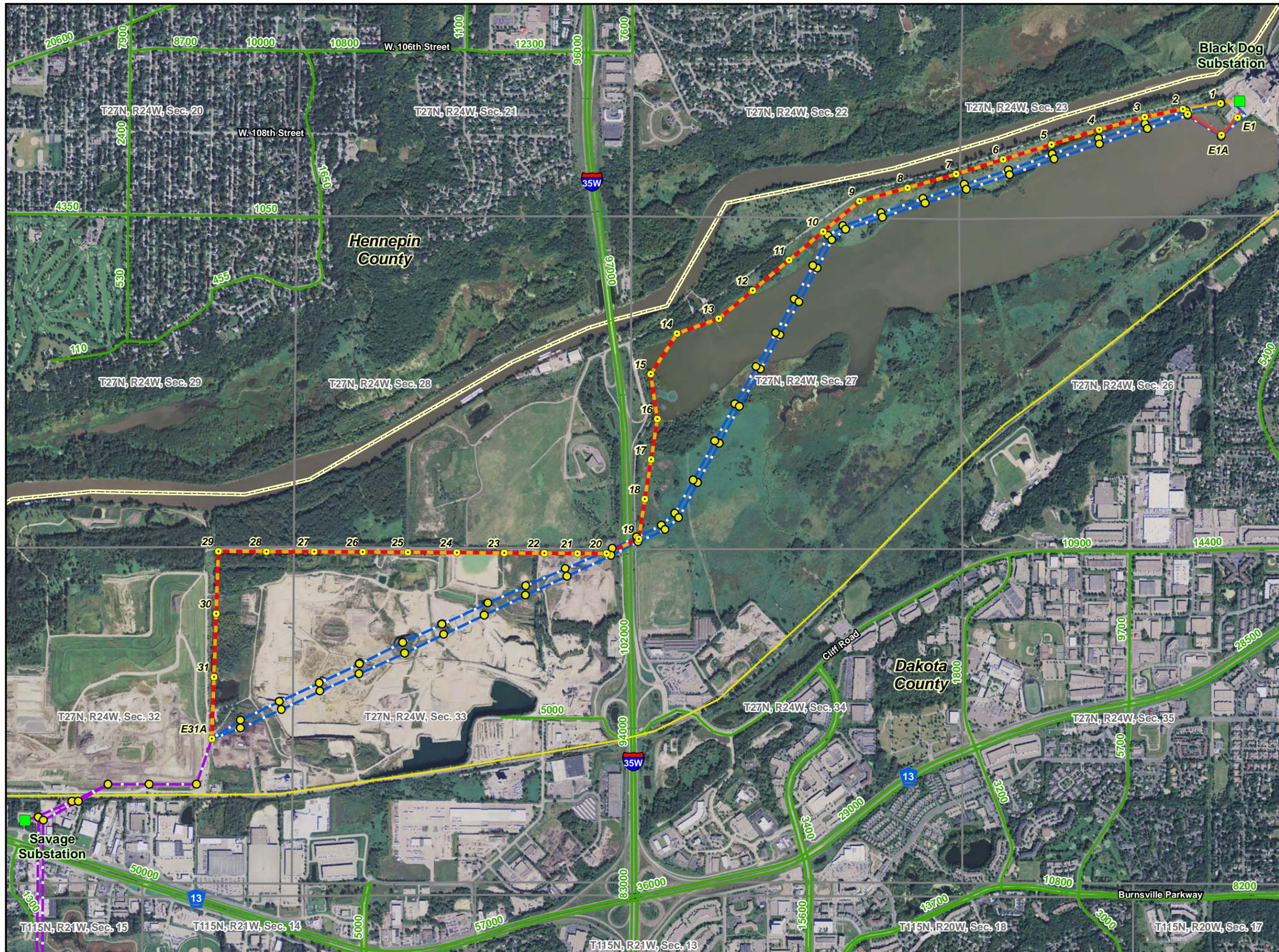


- Proposed Structures
- Existing Structures
- Xcel Owned Substation
- Proposed Line 0861 Single Circuit (115kV)
- Proposed Line 0844 Single Circuit (115kV)
- Proposed Line 0844 and 0861 Double Circuit (115kV)
- Existing Line Removal (0844 and 0861)
- Existing Lines (0844 and 0861)
- Proposed Bike Path
- Union-Pacific Railroad
- Park and Recreational Areas
- National Wildlife Refuge
- Section Boundary
- County Boundary



FIGURE B-17
PARKS AND RECREATION MAP
 Rebuild of Transmission Lines 0844 and 0861 Project
 Xcel Energy
 Burnsville, Minnesota

Source: Aerial Photography: NAIP 2010
 All Other Data Provided by Xcel Energy, Merjent, ESRI, MNDOT and the MN DNR
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- Proposed Structures
- Existing Structures
- Xcel Owned Substation
- Proposed Line 0861 Single Circuit (115kV)
- Proposed Line 0844 Single Circuit (115kV)
- Proposed Line 0844 and 0861 Double Circuit (115kV)
- Existing Line Removal (0844 and 0861)
- Existing Lines (0844 and 0861)
- Union-Pacific Railroad
- Annual Average Daily Traffic (2009)
- Section Boundary
- County Boundary

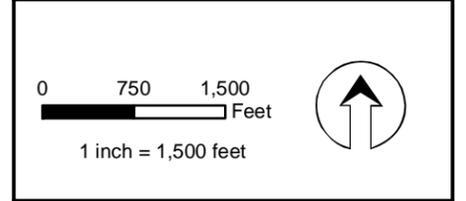
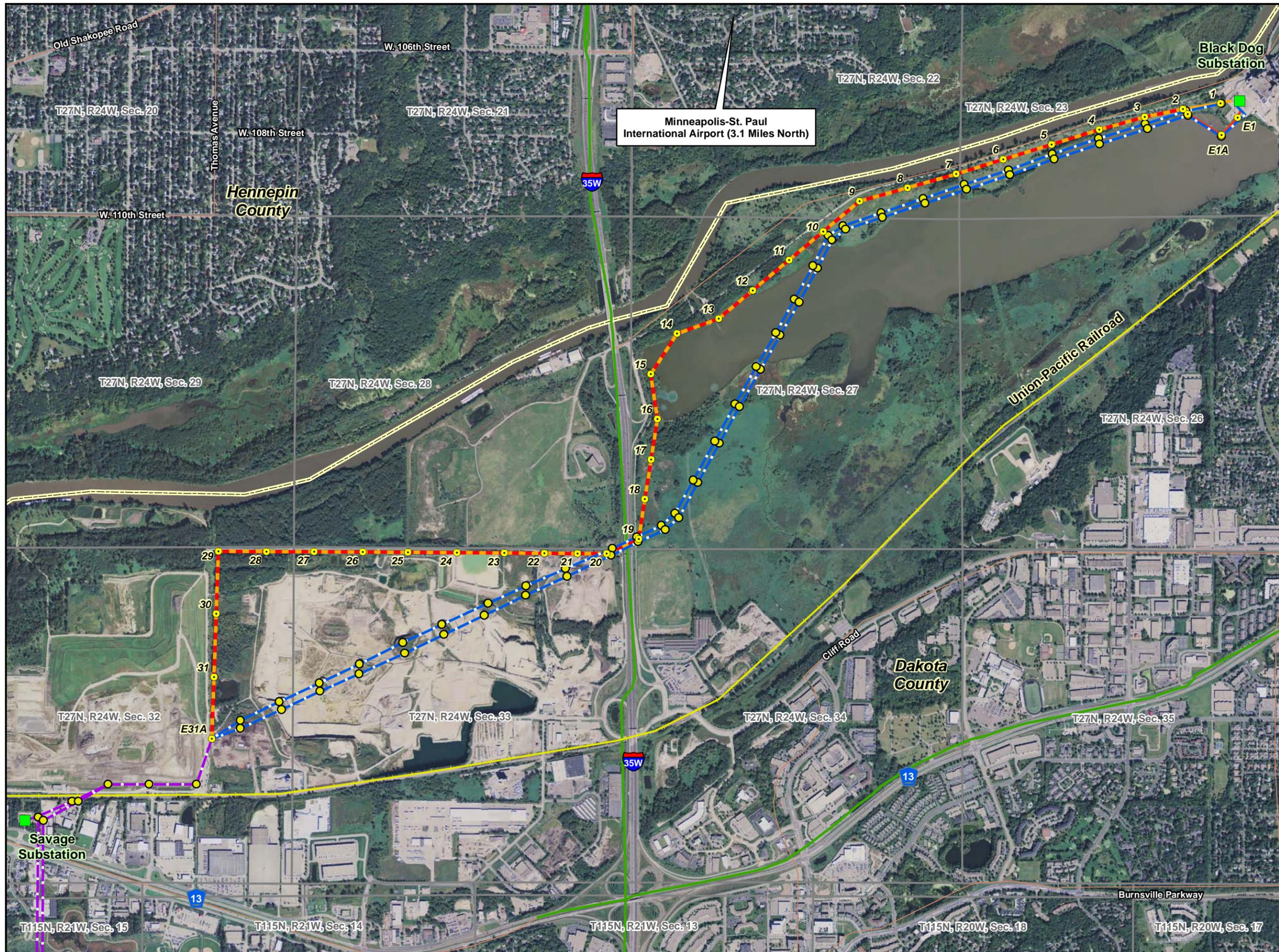


FIGURE B-18

ANNUAL AVERAGE DAILY TRAFFIC MAP

**Rebuild of Transmission Lines 0844 and 0861 Project
Xcel Energy
Burnsville, Minnesota**

Source: Aerial Photography: NAIP 2010
All Other Data Provided by Xcel Energy, Merjent, ESRI, MNDOT and the MN DNR
This information is for environmental review purposes only.
Revision Date: 11/21/2011



- Proposed Structures
- Existing Structures
- Xcel Owned Substation
- Proposed Line 0861 Single Circuit (115kV)
- Proposed Line 0844 Single Circuit (115kV)
- Proposed Line 0844 and 0861 Double Circuit (115kV)
- Existing Line Removal (0844 and 0861)
- Existing Lines (0844 and 0861)
- Highway
- Major Road
- Union-Pacific Railroad
- Section Boundary
- County Boundary

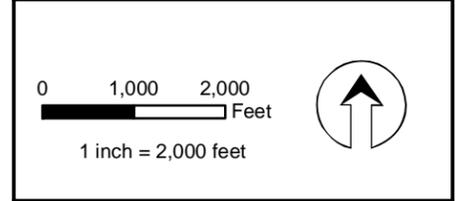
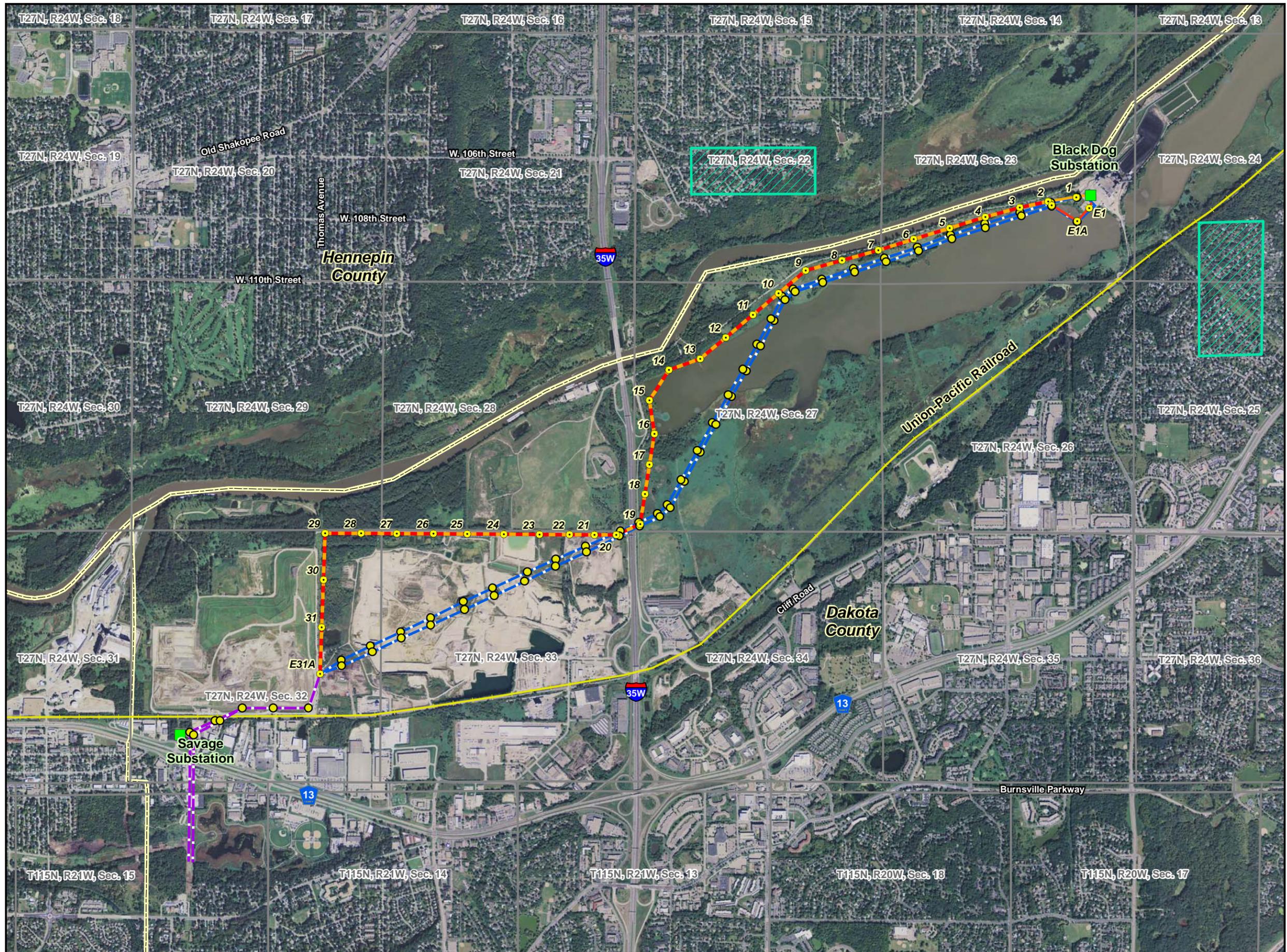


FIGURE B-19

HIGHWAYS, RAILROADS, AND AIRPORTS MAP

**Rebuild of Transmission Lines 0844 and 0861 Project
Xcel Energy
Burnsville, Minnesota**

Source: Aerial Photography: NAIP 2010
All Other Data Provided by Xcel Energy, Merjent, ESRI, MNDOT and the MN DNR
This information is for environmental review purposes only.
Revision Date: 12/28/2011



- Proposed Structures
- Existing Structures
- Xcel Owned Substation
- Proposed Line 0861 Single Circuit (115kV)
- Proposed Line 0844 Single Circuit (115kV)
- Proposed Line 0844 and 0861 Double Circuit (115kV)
- Existing Line Removal (0844 and 0861)
- Existing Lines (0844 and 0861)
- Union-Pacific Railroad
- ▨ General Area of Archaeological Site
- Section Boundary
- County Boundary

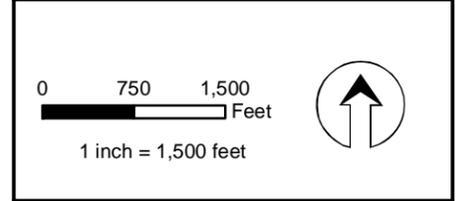


FIGURE B-20

ARCHAEOLOGICAL AND HISTORICAL RESOURCES MAP

**Rebuild of Transmission Lines 0844 and 0861 Project
Xcel Energy
Burnsville, Minnesota**

Source: Aerial Photography: NAIP 2010
All Other Data Provided by Xcel Energy, Merjent, ESRI, MNDOT and the MN DNR
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Revision Date: 12/28/2011



- Proposed Structures
- Existing Structures
- Xcel Owned Substation
- Proposed Line 0861 Single Circuit (115kV)
- Proposed Line 0844 Single Circuit (115kV)
- Proposed Line 0844 and 0861 Double Circuit (115kV)
- Existing Line Removal (0844 and 0861)
- Existing Lines (0844 and 0861)
- Union-Pacific Railroad
- - - Impaired Waterbody
- Waterbody
- Public Waters Inventory
- Public Waters Inventory
- Section Boundary
- County Boundary



FIGURE B-21

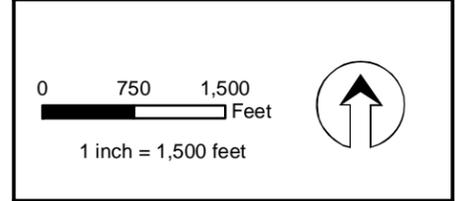
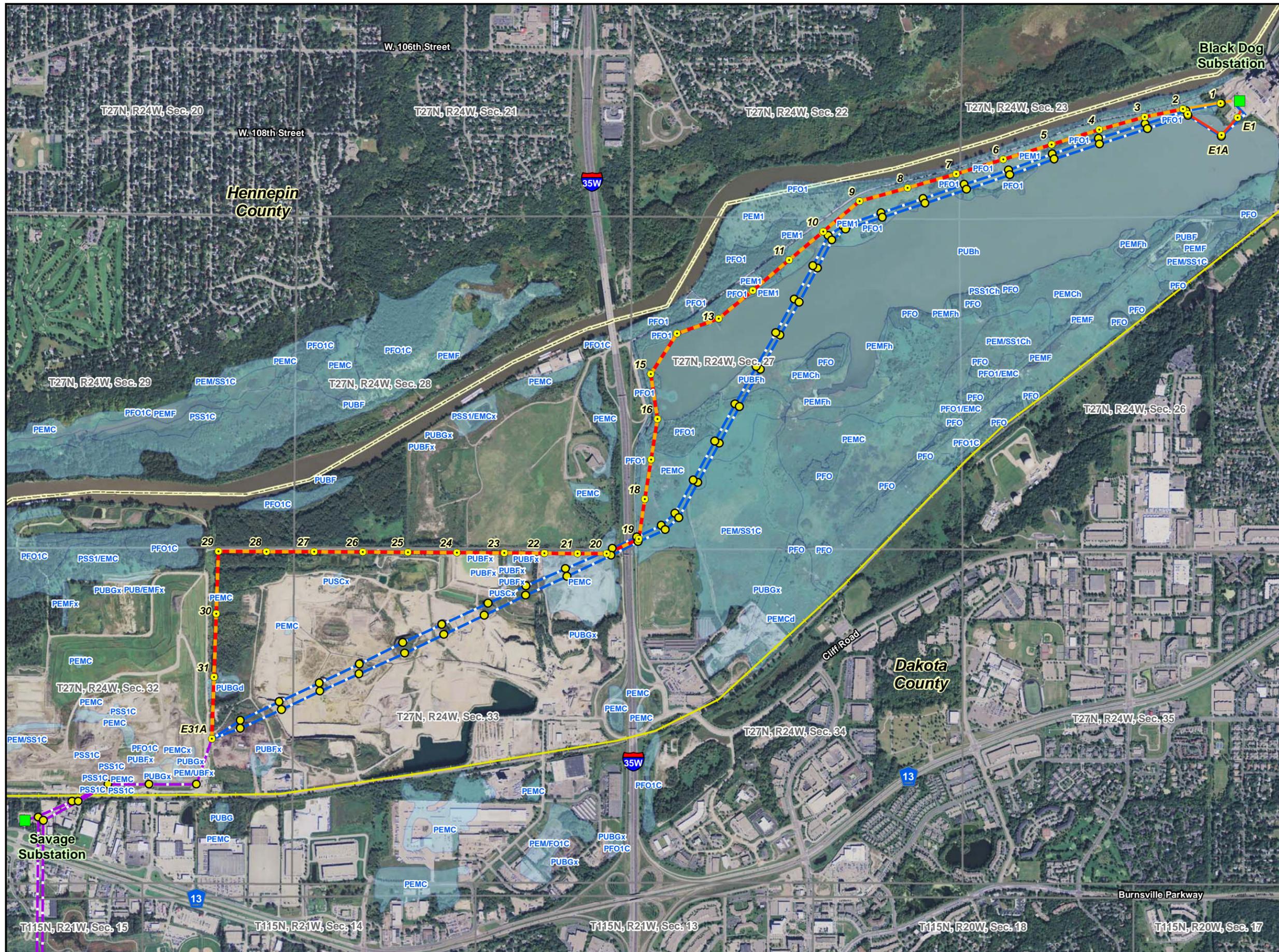
RIVERS, LAKES, AND WATERSHEDS MAP

Rebuild of Transmission Lines 0844 and 0861 Project

Xcel Energy

Burnsville, Minnesota

Source: Aerial Photography: NAIP 2010
 All Other Data Provided by Xcel Energy, Merjent, ESRI, MNDOT and the MN DNR
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 Revision Date: 12/28/2011



- Proposed Structures
- Existing Structures
- Xcel Owned Substation
- Proposed Line 0861 Single Circuit (115kV)
- Proposed Line 0844 Single Circuit (115kV)
- Proposed Line 0844 and 0861 Double Circuit (115kV)
- Existing Line Removal (0844 and 0861)
- Existing Lines (0844 and 0861)
- Union-Pacific Railroad
- National Wetland Inventory and Field Verified Wetlands*
- Section Boundary
- County Boundary

Xcel Energy

FIGURE B-22

FIELD VERIFIED WETLANDS

**Rebuild of Transmission Lines 0844 and 0861 Project
Xcel Energy
Burnsville, Minnesota**

Source: Aerial Photography: NAIP 2010
All Other Data Provided by Xcel Energy, Merjent, ESRI, MNDOT and the MN DNR
*Wetlands shown only along the Proposed and Alternative Route corridors were field verified.
This information is for environmental review purposes only.
Revision Date: 12/28/2011