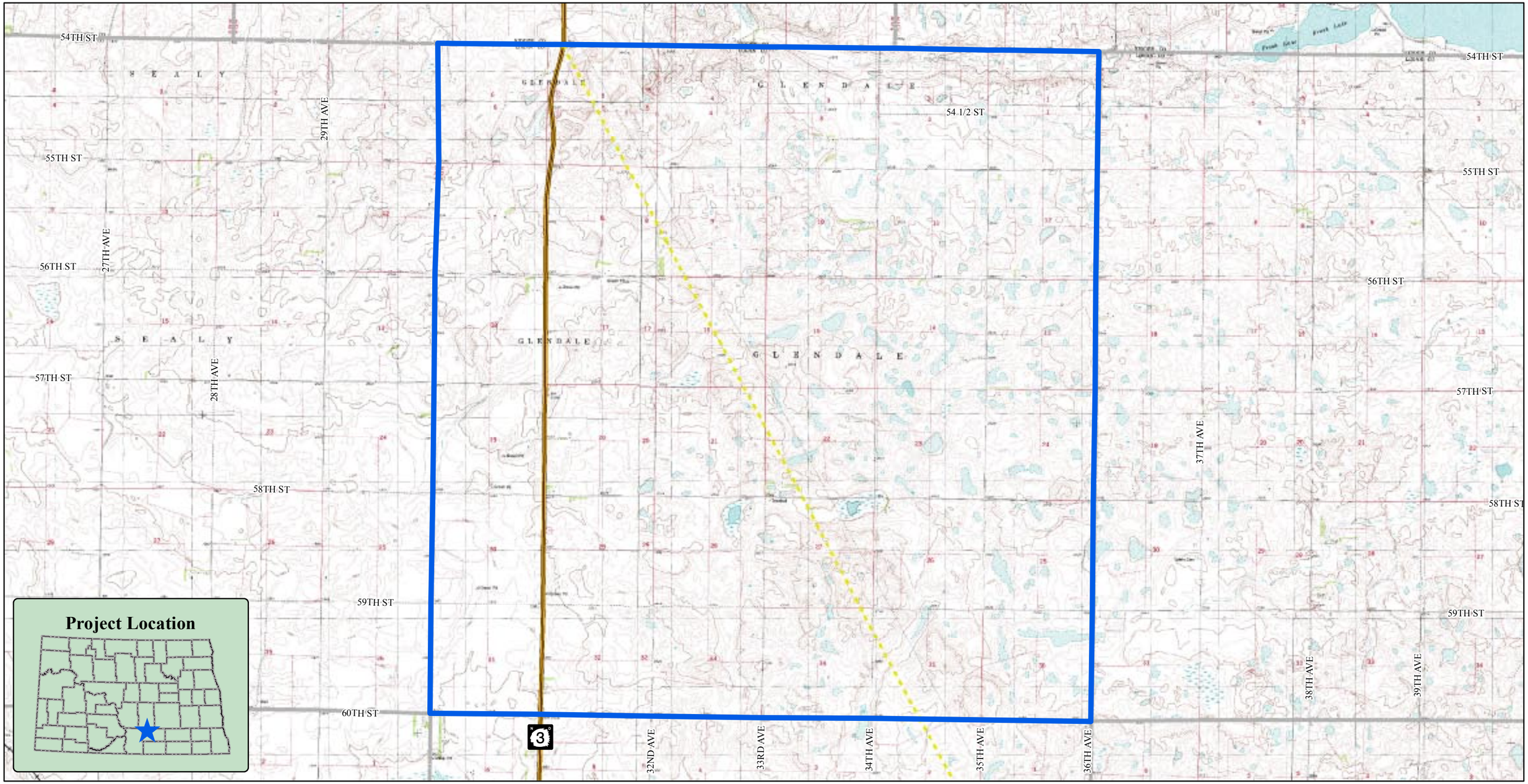
# Figure 2

# Phase 2




Phase II Project Boundary

Township Line

Existing 345kv Transmission Line

Data downloaded from the ND GIS Data Hub. Background is USGS topographic map downloaded from the USDA-NRCS Spatial Data Gateway.

N W E S

0 2,250 4,500 9,000 Feet

**Topographic Background Map - Phase II**

| Scale: | Drawn by: | Checked by: | Project No.: | Date: | Sheet: |
|---|---|---|---|---|---|
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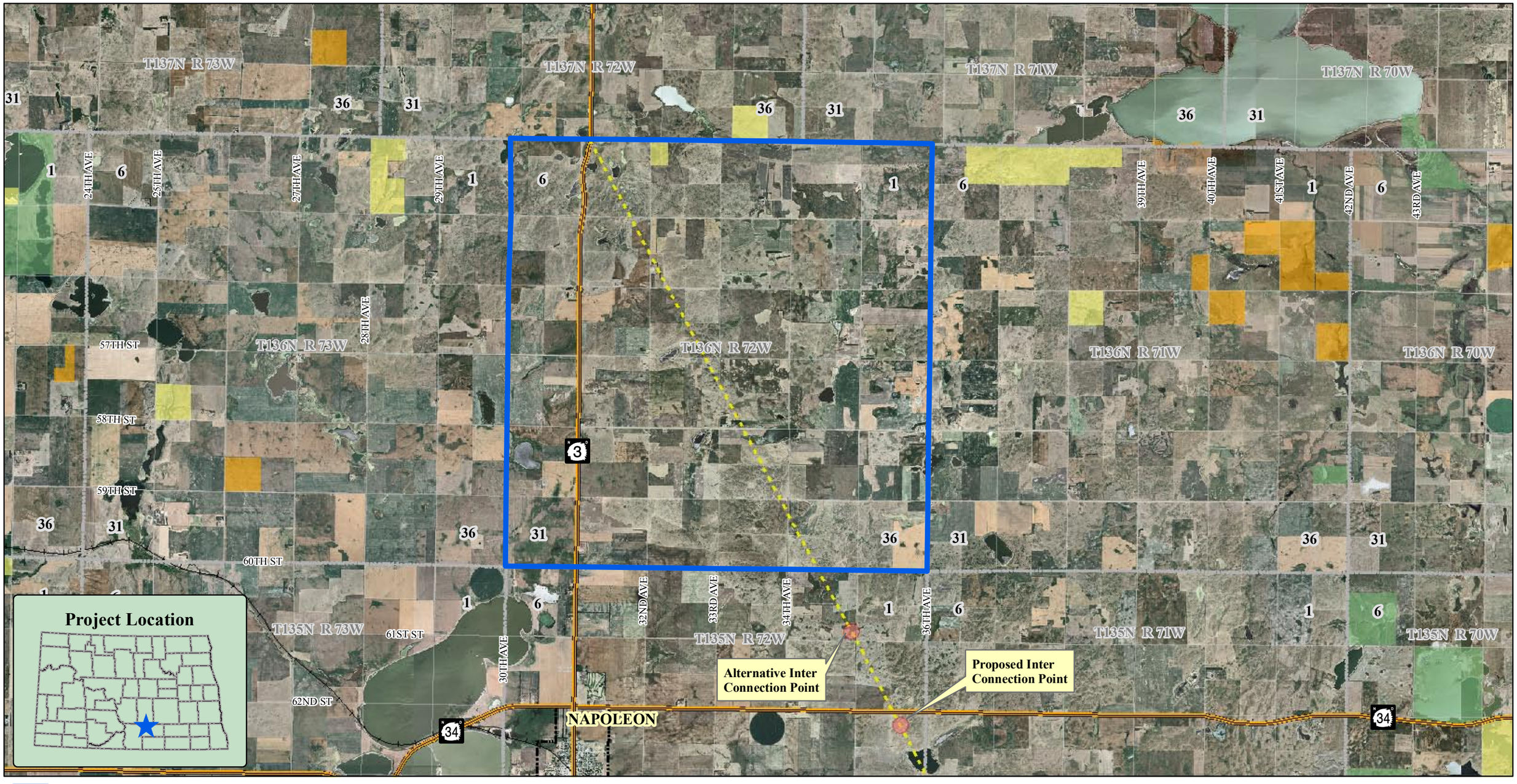


Phase II Project Boundary

Existing 345kv Transmission Line

Corporate Boundary

Township Line

State Highway

Railroad

Federal Land Ownership

US Fish & Wildlife

Waterfowl Production Area

State Land Ownership

ND Land Department

ND Game & Fish

N W E S

0 0.375 0.75 1.5 2.25 3 Miles

Data downloaded from the ND GIS Data Hub.
Background is 2006 USDA-FSA Aerial Photography.

**Location Map - Phase II**

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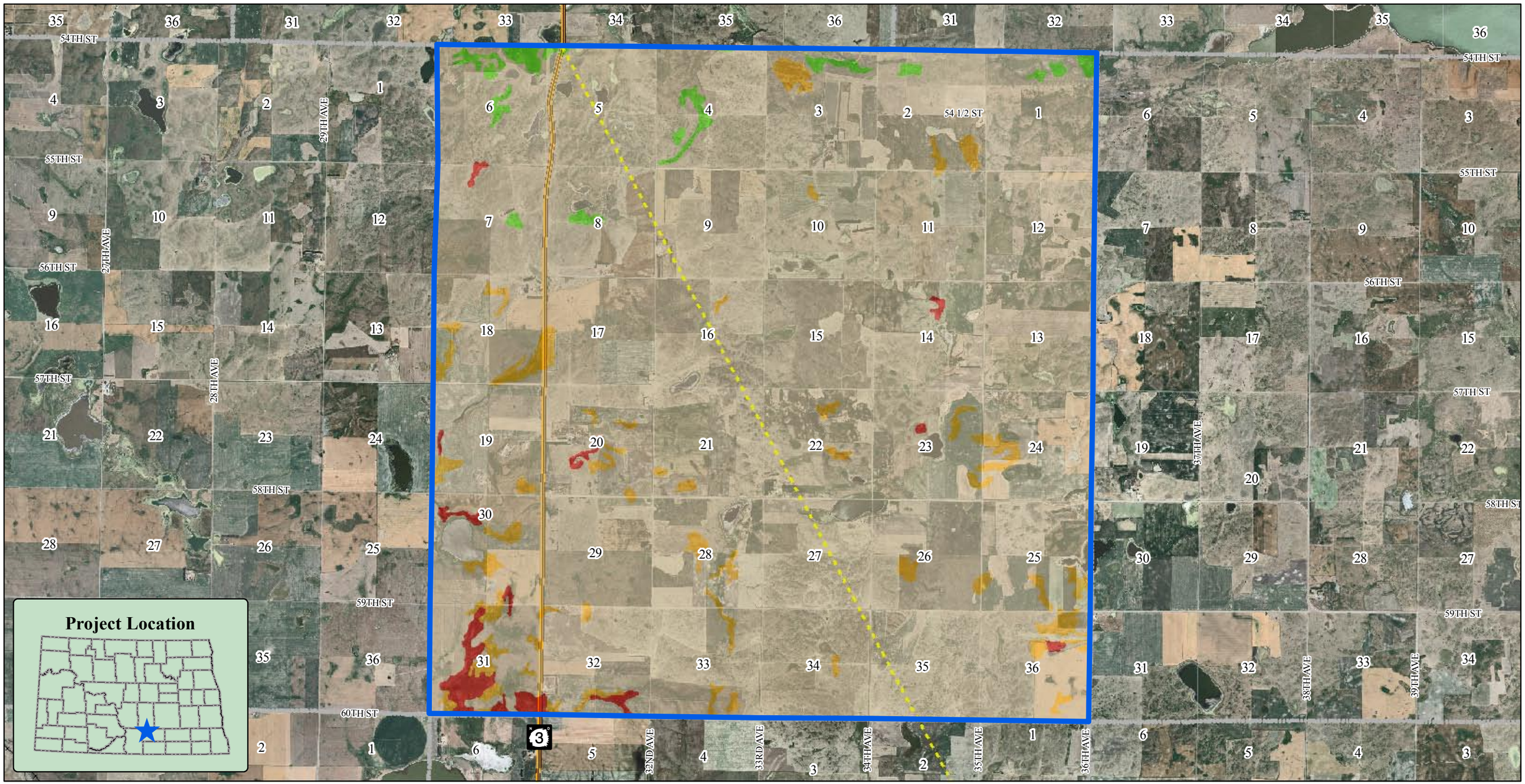


Hydrologic Soil Group

- All areas are prime farmland
- Farmland of statewide importance
- Prime farmland if drained
- Not prime farmland

Data downloaded from the ND GIS Data Hub. SSURGO soil data downloaded from the NRCS Soil Data Mart. Prime farmland, as defined by the U.S. Department of Agriculture, is land that has the best combination of physical and chemical characteristics for producing food, feed, forage, fiber, and oilseed crops and is available for these uses. It could be cultivated land, pastureland, forestland, or other land, but it is not urban or built-up land or water areas. Farmland of statewide importance generally includes areas of soils that nearly meet the requirements for prime farmland and that economically produce high yields of crops when treated and managed according to acceptable farming methods. Some areas may produce as high a yield as prime farmland if conditions are favorable.
Background is 2006 USDA-FSA Aerial Photography.

N W E S

0 2,250 4,500 9,000 Feet

**Prime Farmland - Phase II**

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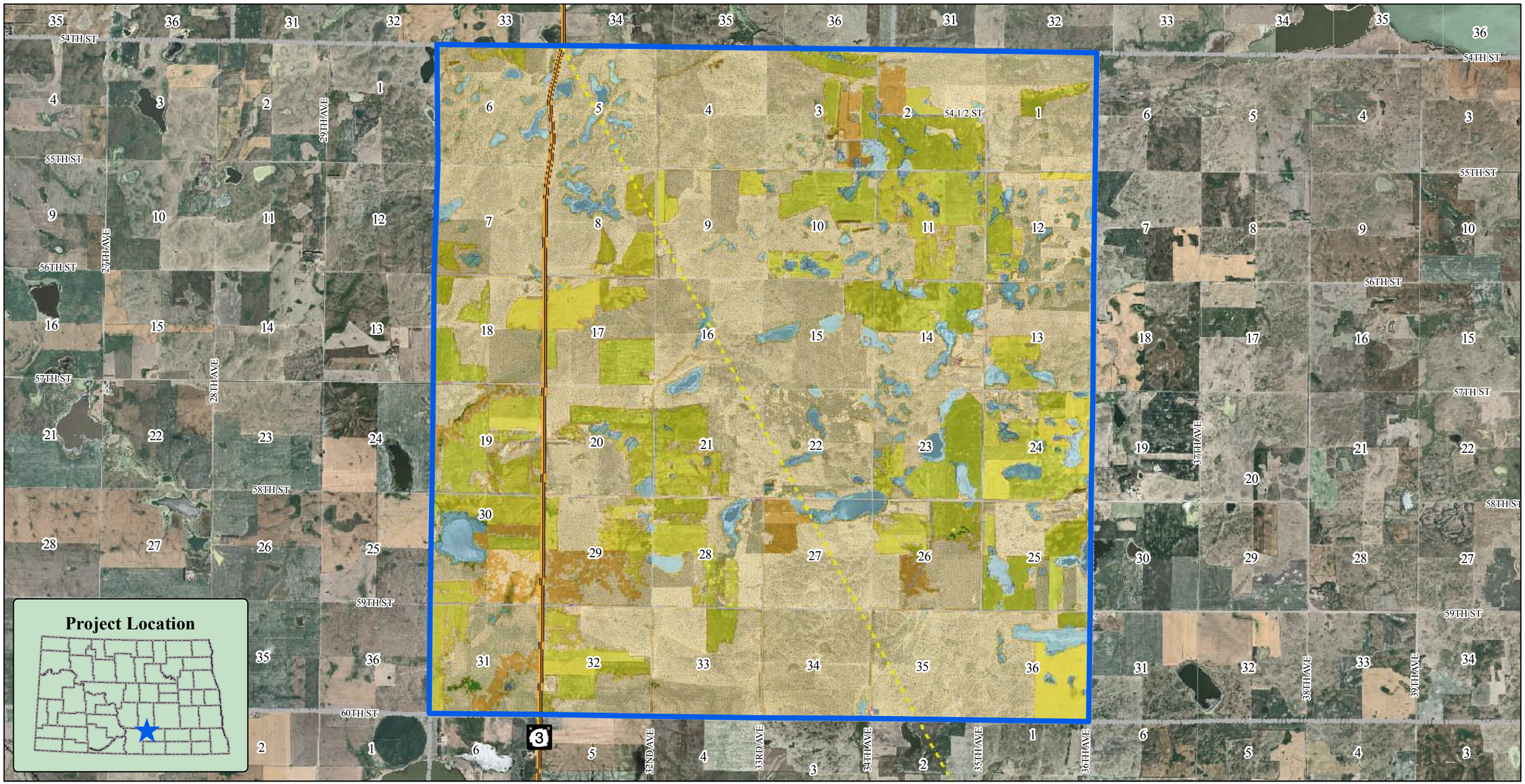


Land Cover

- Developed, Open Space
- Developed, Low Intensity
- Developed, Medium Intensity
- Cultivated Crops
- Deciduous Forest
- Grassland/Herbaceous
- Pasture/Hay
- Shrub/Scrub
- Open Water
- Wetland
- Barren Land (Rock/Sand/Clay)

Data downloaded from the ND GIS Data Hub. Land Cover data is 2001 National Land Cover Database (NLCD) downloaded from the USGS seamless data server. Background is 2006 USDA-FSA Aerial Photography.

N W E S

0 2,250 4,500 9,000 Feet

**Land Cover - Phase II**

| Scale: | Drawn by: | Checked by: | Project No.: | Date: | Sheet: |
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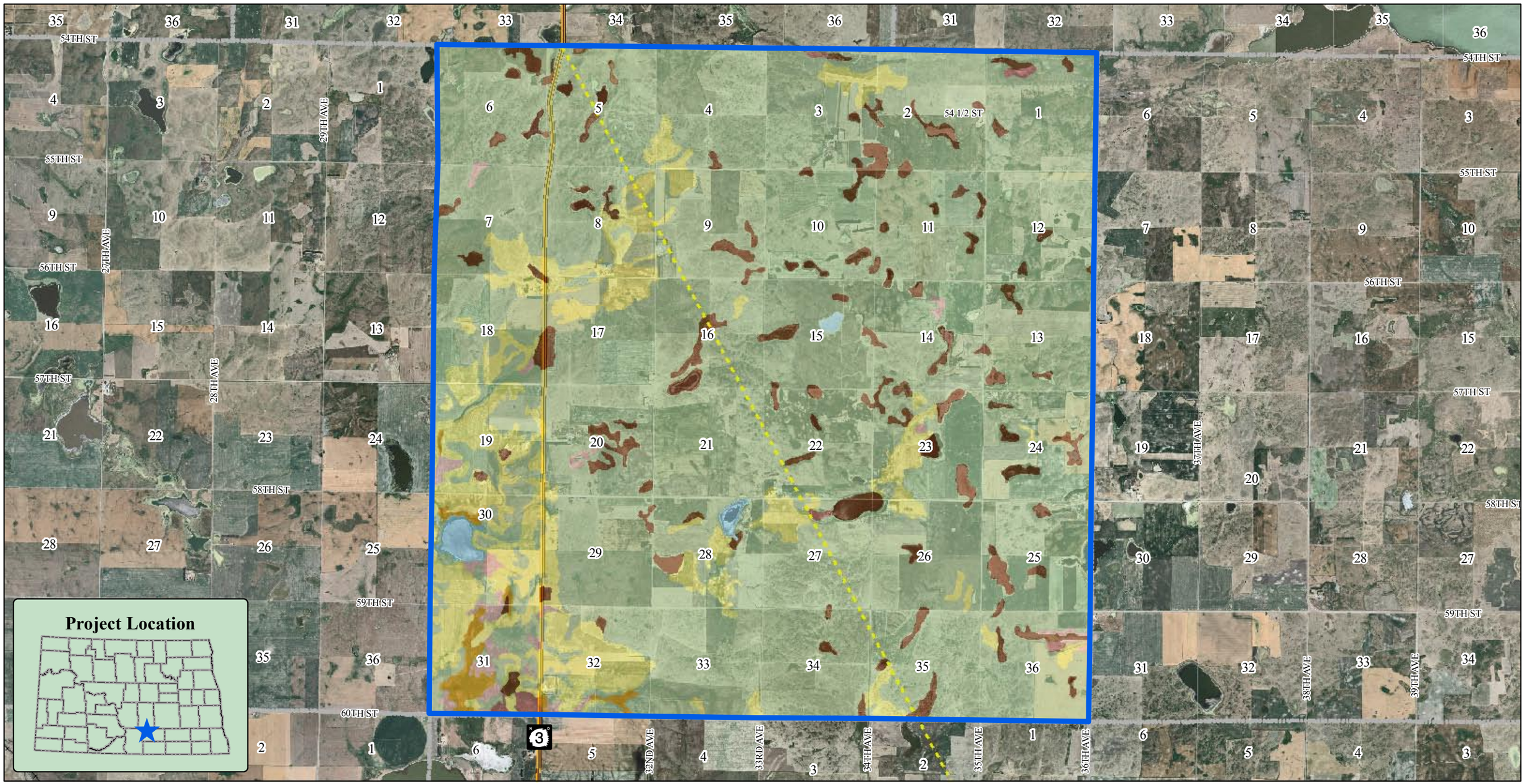


Hydrologic Soil Group

- A - Soils having a high infiltration rate (low runoff potential) when thoroughly wet.
- B - Soils having a moderate infiltration rate when thoroughly wet.
- B/D - B if drained, D if undrained.
- C - having a slow infiltration rate when thoroughly wet.
- C/D - C if drained, D if undrained.
- D - having a very slow infiltration rate (high runoff potential) when thoroughly wet.
- Water

Data downloaded from the ND GIS Data Hub. SSURGO soil data downloaded from the NRCS Soil Data Mart. SSURGO metadata defines a hydrologic group as a group of soils having similar runoff potential under similar storm and cover conditions. Background is 2006 USDA-FSA Aerial Photography.

N W E S

0 2,250 4,500 9,000 Feet

**Hydrologic Soil Group - Phase II**

| Scale: | Drawn by: | Checked by: | Project No.: | Date: | Sheet: |
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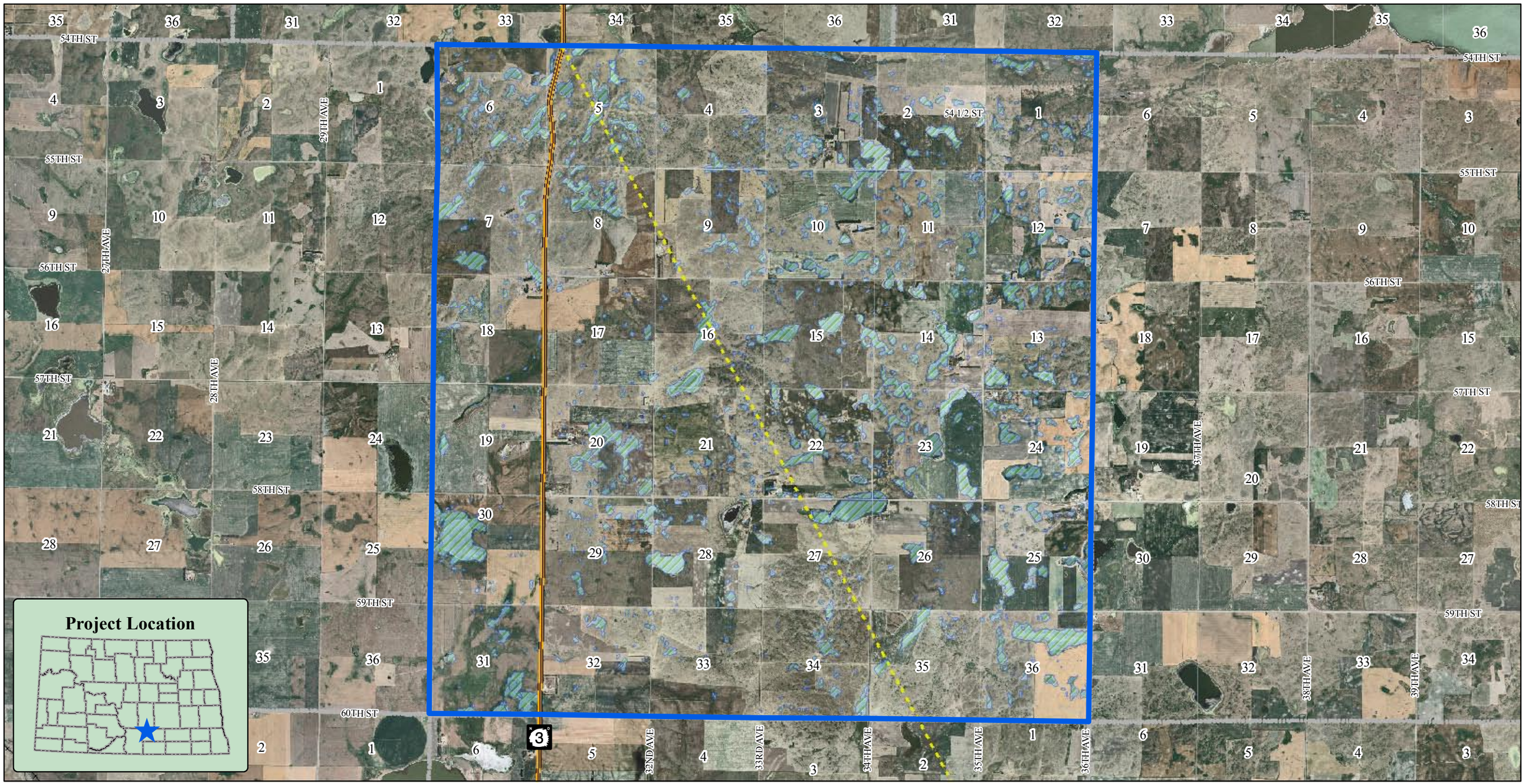


Phase II Project Boundary

Wetland (NWI)

Township Line

Existing 345kv Transmission Line

Section Line

Data downloaded from the ND GIS Data Hub. National Wetlands Inventory (NWI) data downloaded from the US Fish & Wildlife ftp site. Background is 2006 USDA-FSA Aerial Photography.

N W E S

0 2,250 4,500 9,000 Feet

**Wetlands (NWI) Map - Phase II**

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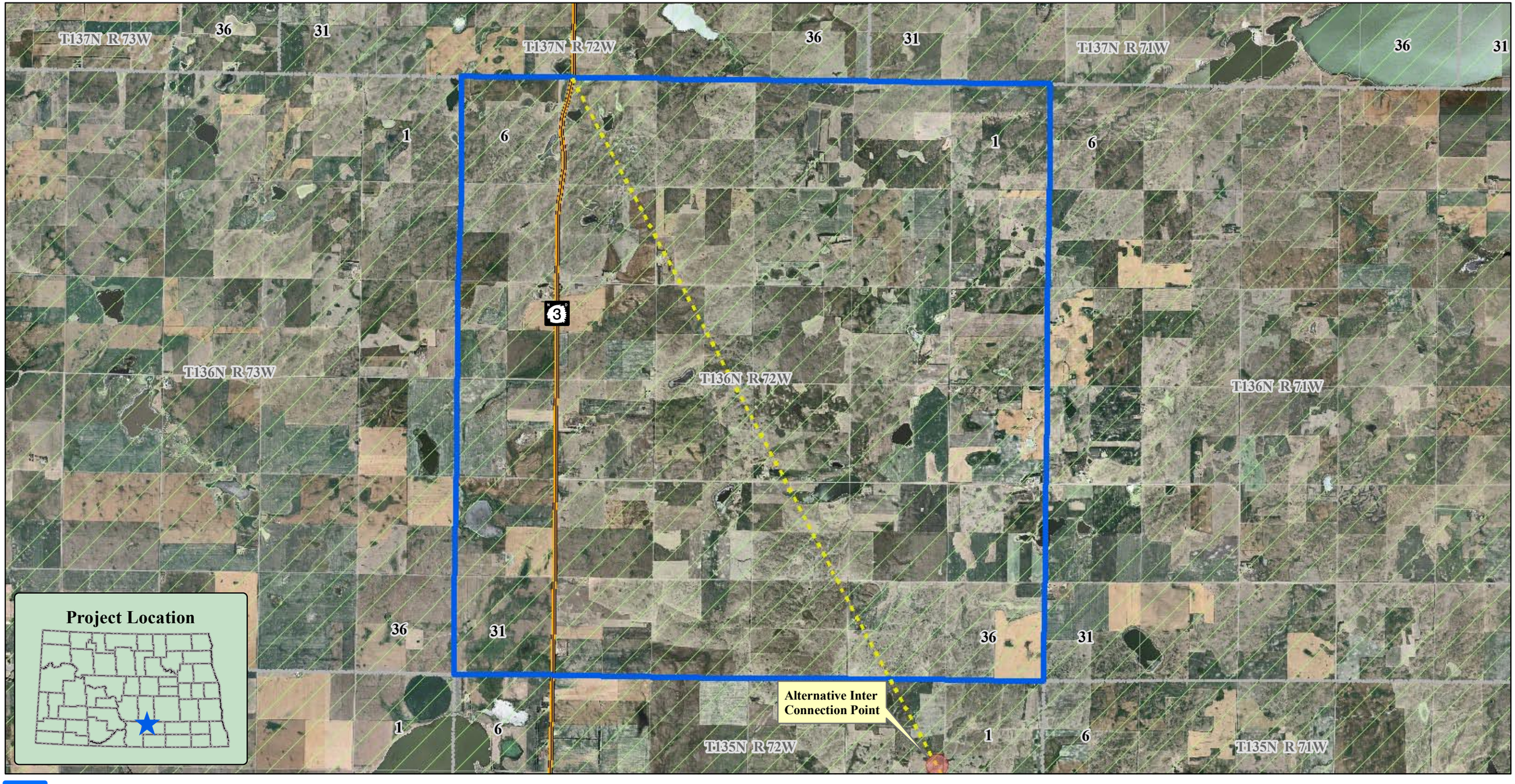


Phase II Project Boundary

Existing 345kv Transmission Line

Corporate Boundary

Township Line

Q3 Zones

X500 - Area within 500-year floodplain.

AE - Area within 100-year floodplain.

ANI - Area not included/not mapped.

X - Area outside of 500-year floodplain.

State Highway

Railroad

Base map data downloaded from the ND GIS Data Hub. Q3 data is a digital FIRM product developed and distributed by FEMA. Q3 data is developed by scanning and vectorizing the existing hardcopy FIRM to create a raster product suitable for viewing or printing, as well as a thematic vector overlay of flood risks. Background is 2006 USDA-FSA Aerial Photography.

N W E S

0 0.25 0.5 1 1.5 2 Miles

**FEMA Q3 Flood Data Map - Phase II**

| Scale: | Drawn by: | Checked by: | Project No.: | Date: | Sheet: |
|---|---|---|---|---|---|
| AS SHOWN | CLS | | 5192-000 | 03/27/07 | |

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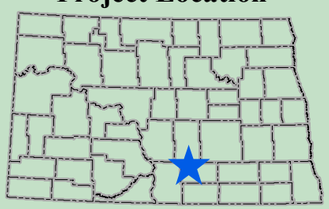
T137N R 74W
T137N R 73W
T137N R 72W
T137N R 71W
T137N R 70W
T136N R 74W
T136N R 73W
T136N R 72W
T136N R 71W
T136N R 70W
T135N R 73W
T135N R 72W
T135N R 71W
T135N R 70W
NAPOLEON
Alternative Inter Connection Point
Proposed Inter Connection Point

**Project Location**



Phase II Project Boundary
Existing 345kv Transmission Line
Corporate Boundary
Township Line

Species of Concern
Animal
Plant

State Highway
Railroad

Base map data downloaded from the ND GIS Data Hub. Natural Heritage Species of Concern are part of the North Dakota Natural Heritage Inventory provided by the North Dakota Parks & Recreation Department. Background is 2006 USDA-FSA Aerial Photography.

N
W E
S

0 0.5 1 2 3 4 Miles

**Threatened & Endangered Species Map - Phase II**

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|---|---|---|---|---|---|
| AS SHOWN | CLS | | 5192-000 | 03/27/07 | |

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