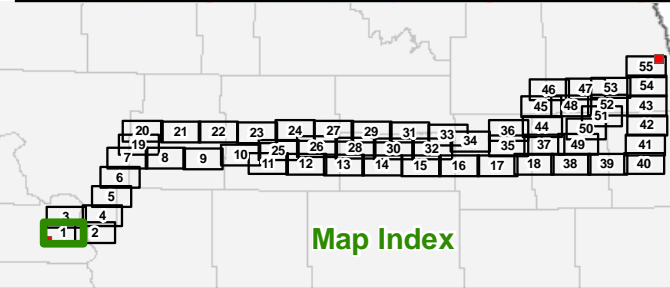
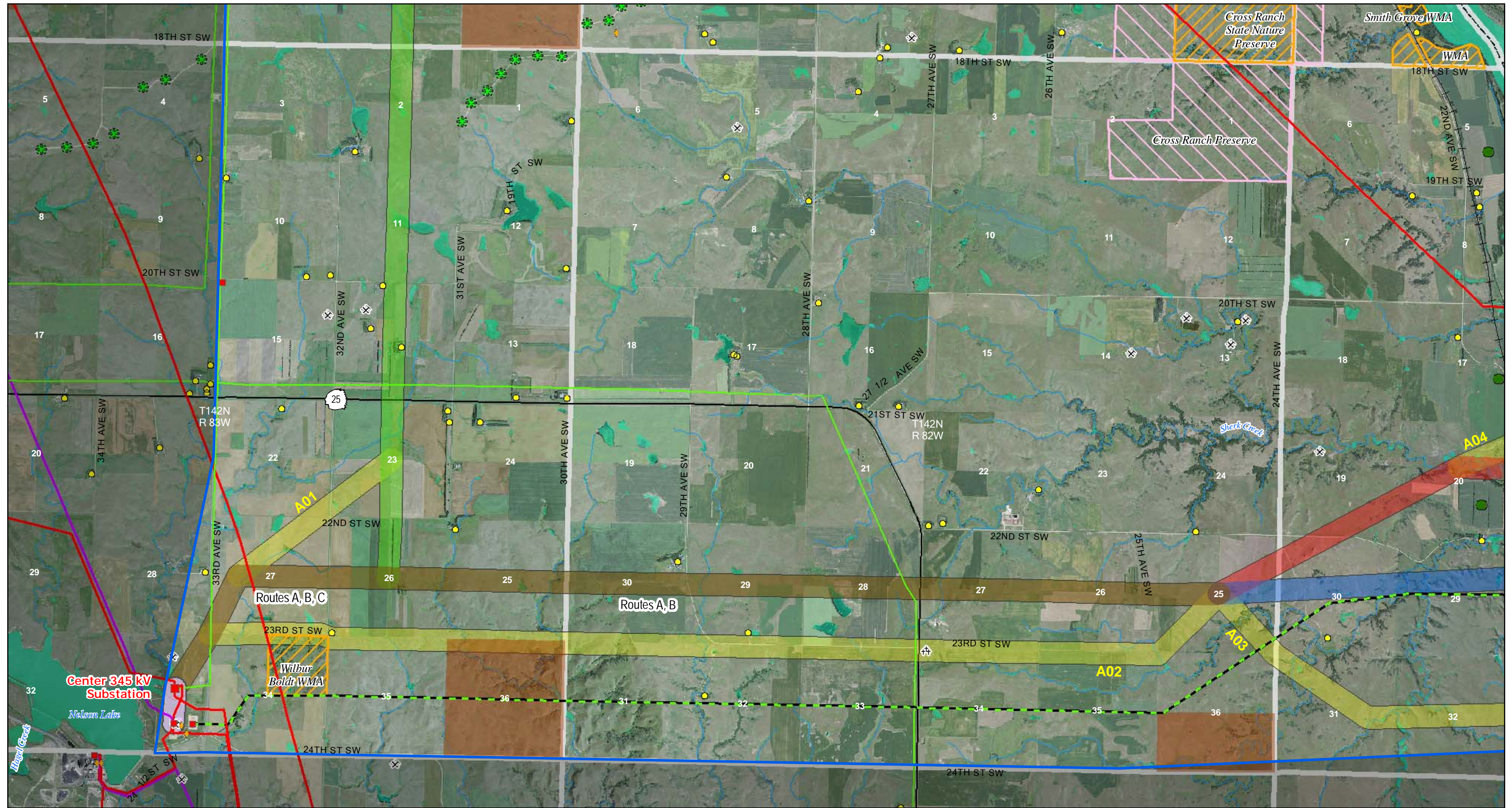


Appendix B: Detailed Route Maps

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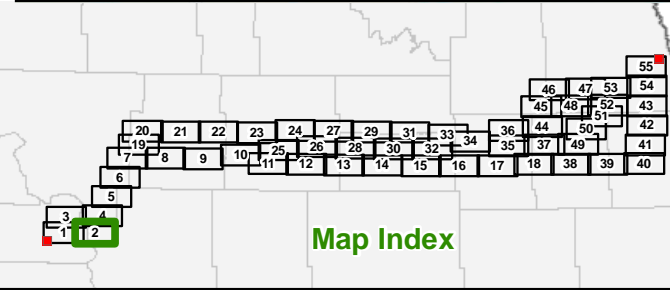
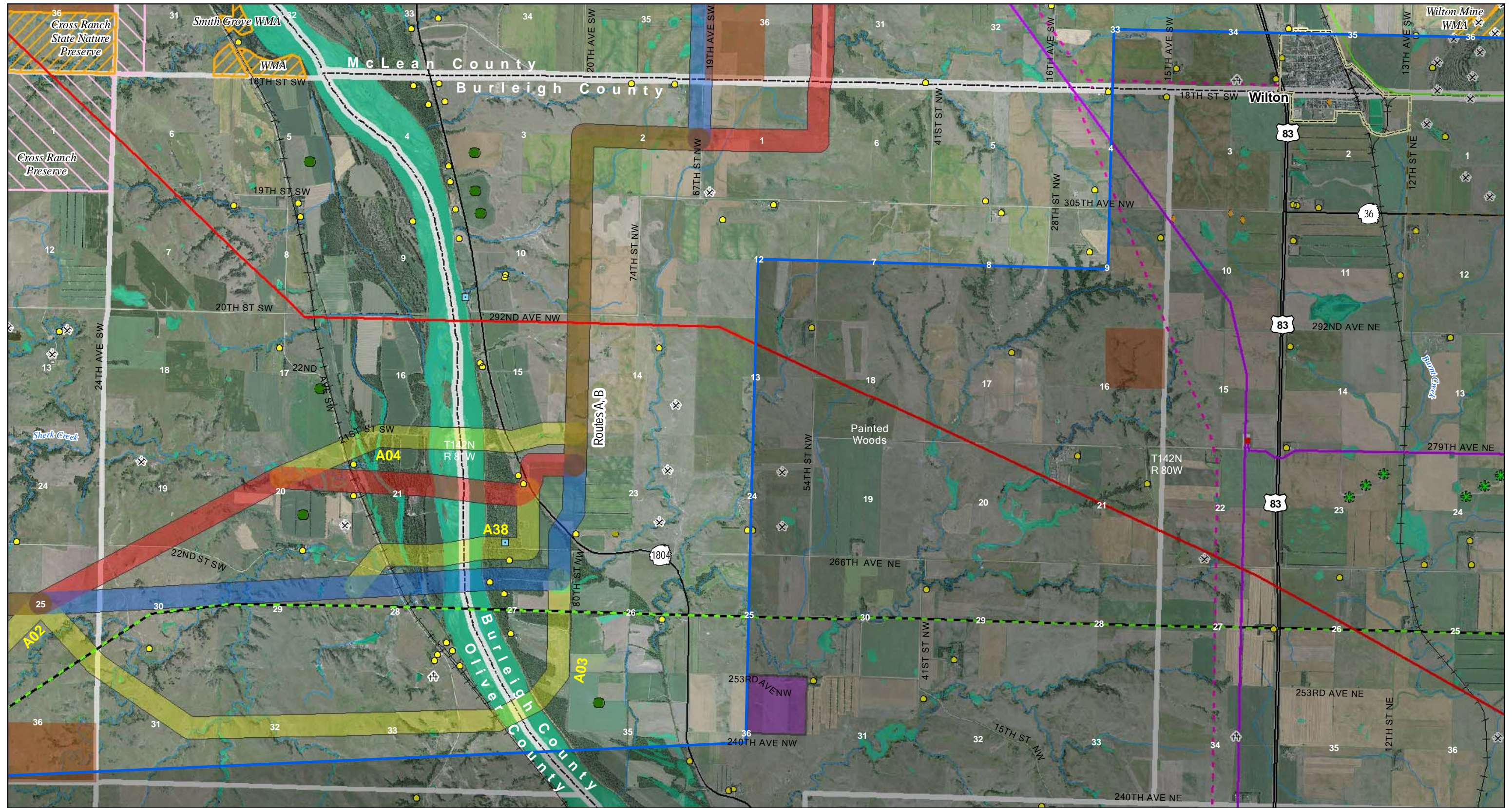
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Aerial photography published by National Agriculture Imagery Program (NAIP), 2009.

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|--|---|--|--|---|
| Proposed Routes <ul style="list-style-type: none">Route ARoute BRoute CMultiple RoutesSegmentAlternative230 kV Tie LineMacro-Corridors | Substation <ul style="list-style-type: none">400 kV DC345 kV AC250 kV DC230 kV AC115 kV or less ACCommunication Tower | Existing Transmission Lines <ul style="list-style-type: none">Gas or Oil PipelineProposed Water PipelineWind TurbineHomeCemeteryRecreationGravel Pit or MineDump or Landfill | Pivot Irrigation <ul style="list-style-type: none">State Park, Recreation Area or WMAUSFWS WPA or WDAUSFWS NWRTNC PreserveUSBOR or USACE LandState Surface TractPLOTS | North Country Trail <ul style="list-style-type: none">Snowmobile TrailPublic AirportPrivate AirportIncorporated AreaRiver, Stream or CanalNWI Wetland |
|--|---|--|--|---|

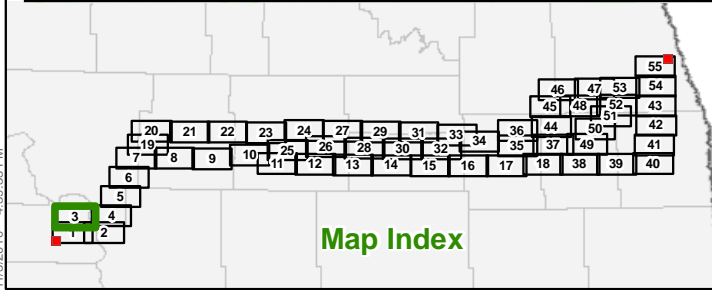
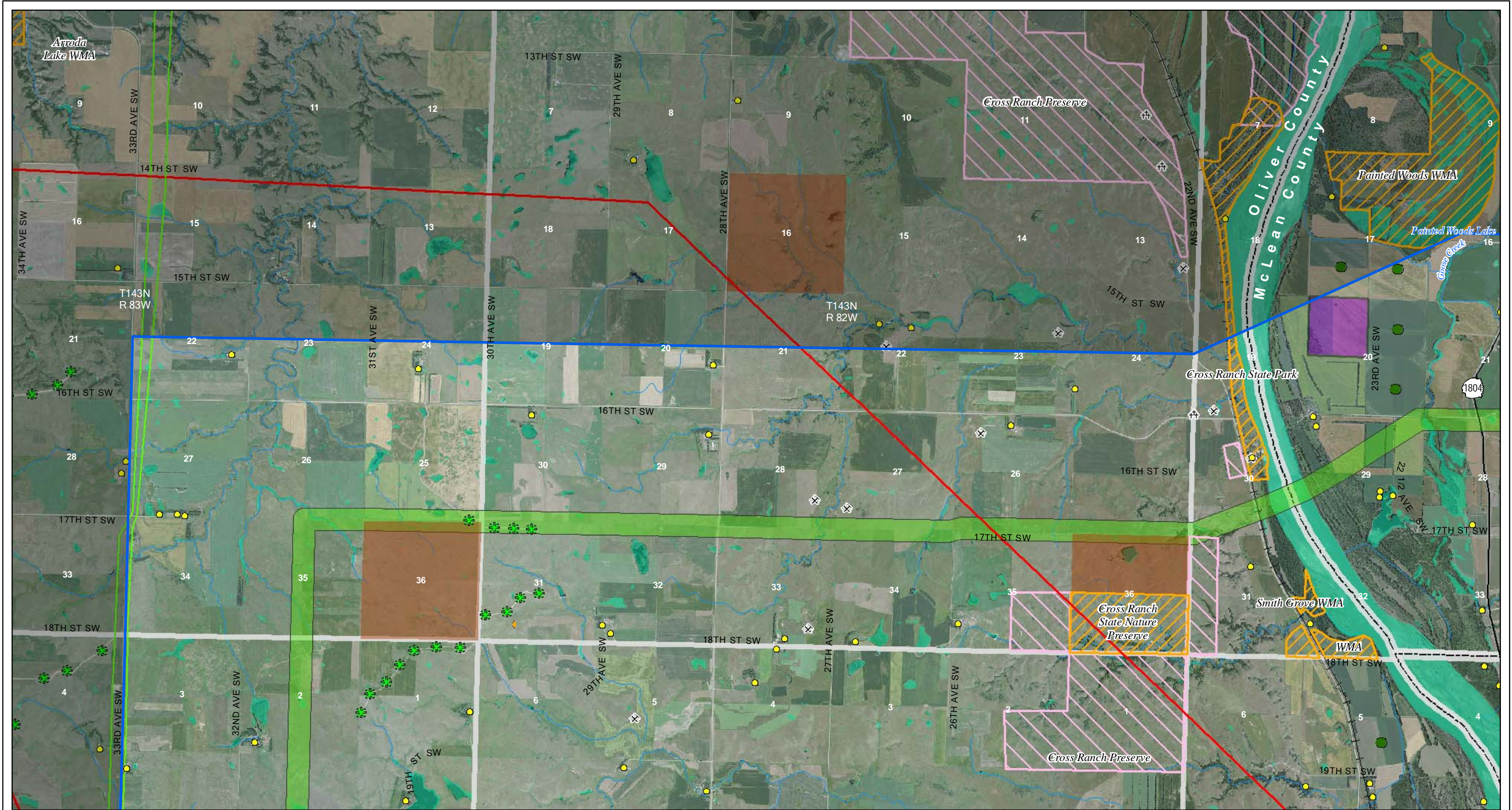
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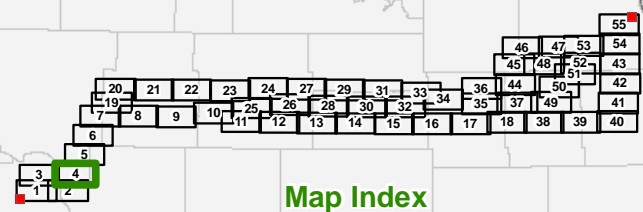
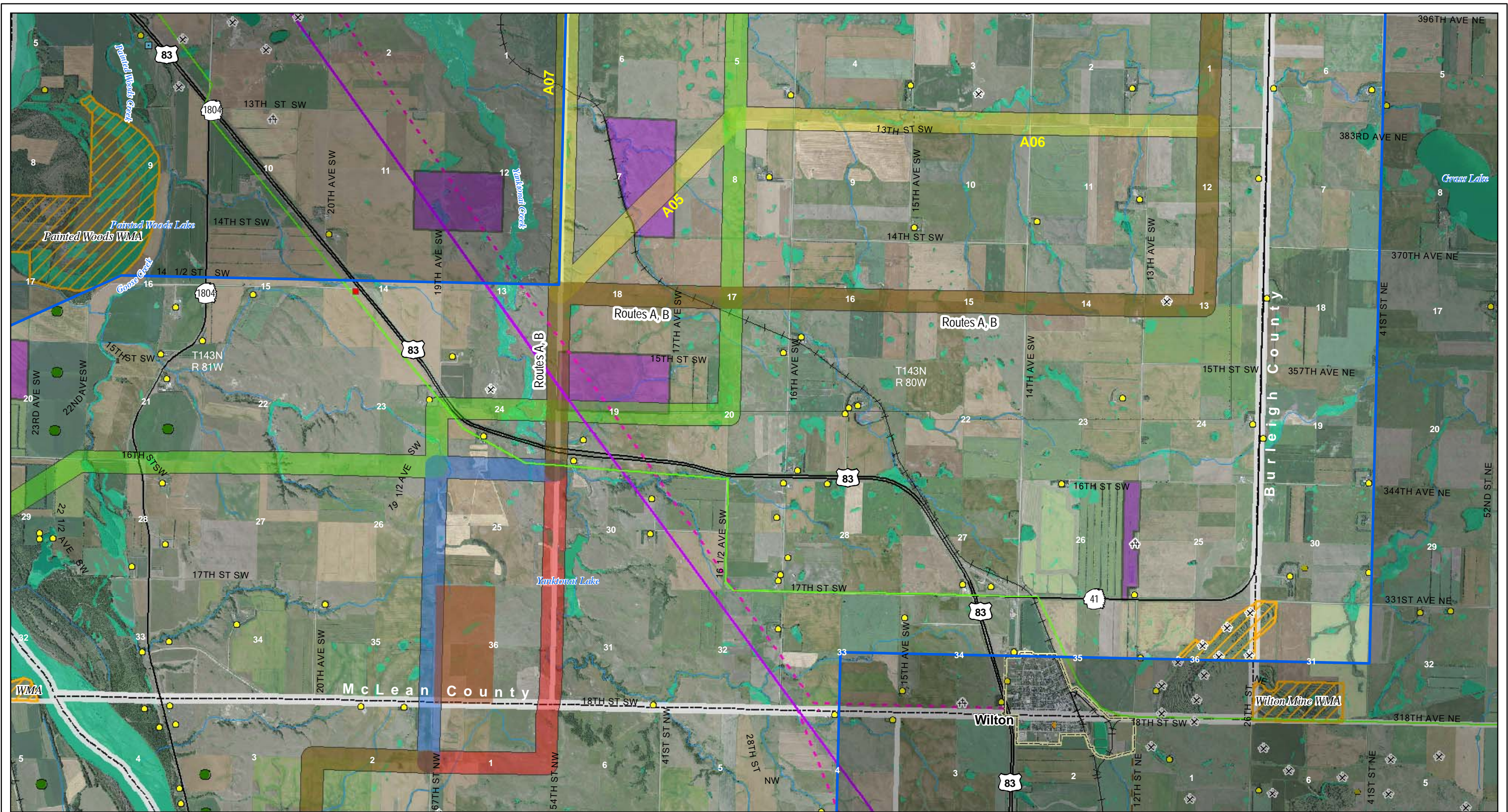
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|------------------------|-----------------------------|-------------------------|------------------------------------|------------------------|
| Proposed Routes | Substation | Gas or Oil Pipeline | Pivot Irrigation | North Country Trail |
| Route A | Existing Transmission Lines | Proposed Water Pipeline | State Park, Recreation Area or WMA | Snowmobile Trail |
| Route B | 400 kV DC | Wind Turbine | USFWS WPA or WDA | Public Airport |
| Route C | 345 kV AC | Home | USFWS NWR | Private Airport |
| Multiple Routes | 250 kV DC | Cemetery | TNC Preserve | Incorporated Area |
| Segment Alternative | 230 kV AC | Recreation | USBOR or USACE Land | River, Stream or Canal |
| 230 kV Tie Line | 115 kV or less AC | Gravel Pit or Mine | State Surface Tract | NWI Wetland |
| Macro-Corridors | Communication Tower | Dump or Landfill | PLOTS | |

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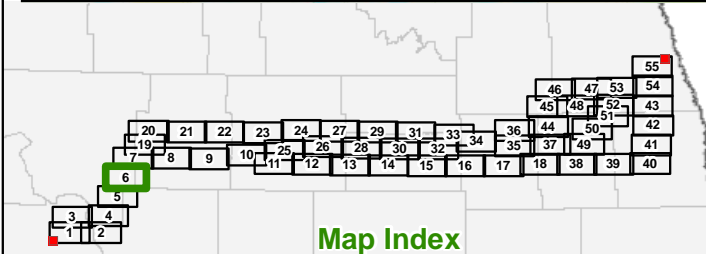
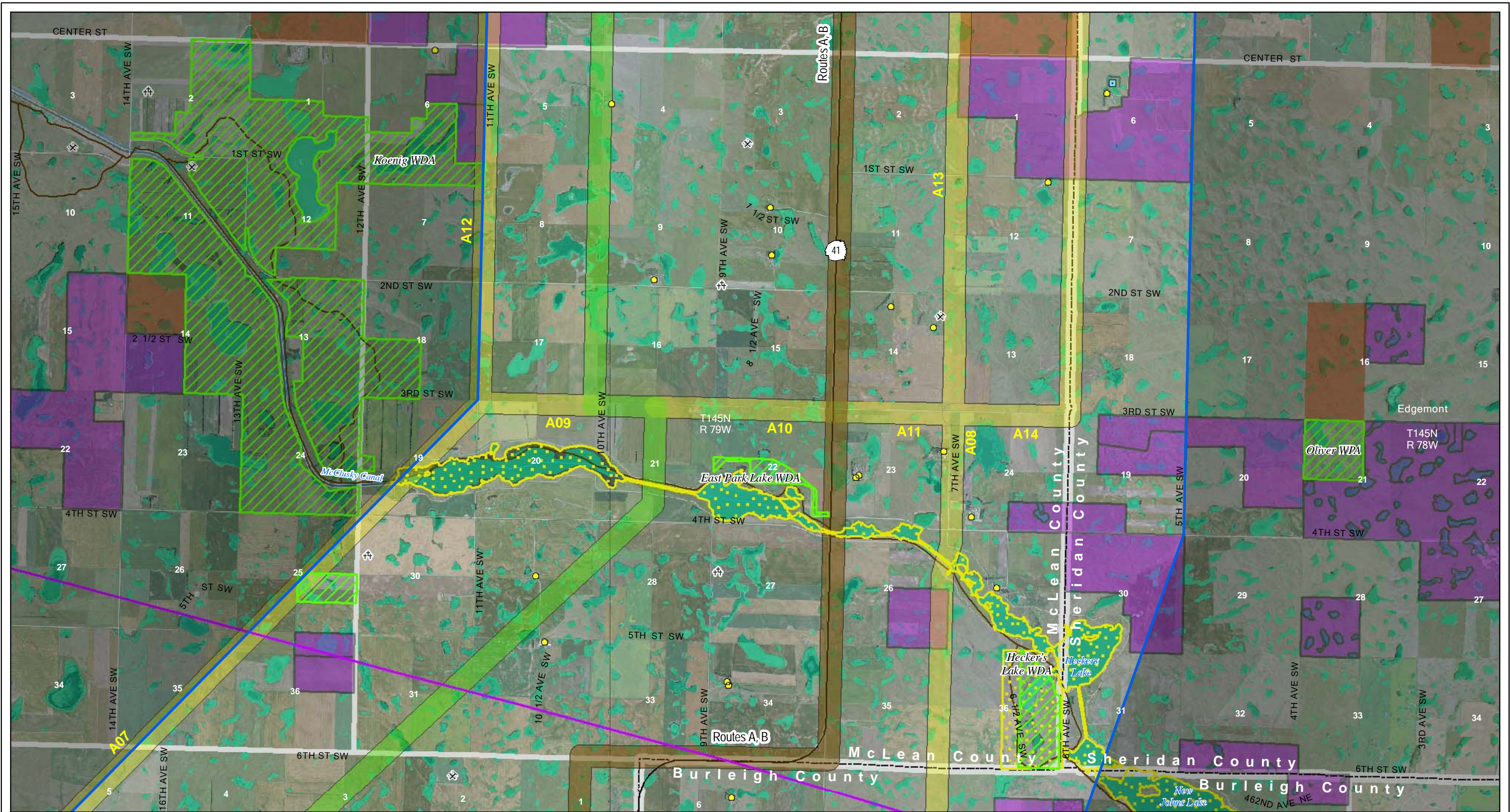


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|------------------------|-------------------------------|---------------------------|--------------------------------------|--------------------------|
| Proposed Routes | ■ Substation | — Gas or Oil Pipeline | ● Pivot Irrigation | — North Country Trail |
| ■ Route A | — Existing Transmission Lines | — Proposed Water Pipeline | ■ State Park, Recreation Area or WMA | — Snowmobile Trail |
| ■ Route B | — 400 kV DC | ● Wind Turbine | ■ USFWS WPA or WDA | ✈ Public Airport |
| ■ Route C | — 345 kV AC | ● Home | ■ USFWS NWR | ✈ Private Airport |
| ■ Multiple Routes | — 250 kV DC | ✈ Cemetery | ■ TNC Preserve | ■ Incorporated Area |
| ■ Segment | — 230 kV AC | ■ Recreation | ■ USBOR or USACE Land | — River, Stream or Canal |
| ■ Alternative | — 115 kV or less AC | ✈ Gravel Pit or Mine | ■ State Surface Tract | ■ NWI Wetland |
| ■ 230 kV Tie Line | ◆ Communication Tower | ■ Dump or Landfill | ■ PLOTS | |
| ■ Macro-Corridors | | | | |



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|------------------------|-----------------------------|-------------------------|------------------------------------|------------------------|
| Proposed Routes | Substation | Gas or Oil Pipeline | Pivot Irrigation | North Country Trail |
| Route A | Existing Transmission Lines | Proposed Water Pipeline | State Park, Recreation Area or WMA | Snowmobile Trail |
| Route B | 400 kV DC | Wind Turbine | USFWS WPA or WDA | Public Airport |
| Route C | 345 kV AC | Home | USFWS NWR | Private Airport |
| Multiple Routes | 250 kV DC | Cemetery | TNC Preserve | Incorporated Area |
| Segment | 230 kV AC | Recreation | USBOR or USACE Land | River, Stream or Canal |
| Alternative | 115 kV or less AC | Gravel Pit or Mine | State Surface Tract | NWI Wetland |
| 230 kV Tie Line | Communication Tower | Dump or Landfill | PLOTS | |
| Macro-Corridors | | | | |

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Map Index

Proposed Routes
Route A
Route B
Route C
Multiple Routes
Segment
Alternative
230 kV Tie Line
Macro-Corridors

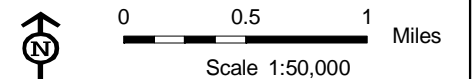
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Existing Transmission Lines
400 kV DC
345 kV AC
250 kV DC
230 kV AC
115 kV or less AC
Communication Tower

Gas or Oil Pipeline
Proposed Water Pipeline
Wind Turbine
Home
Cemetery
Recreation
Gravel Pit or Mine
Dump or Landfill

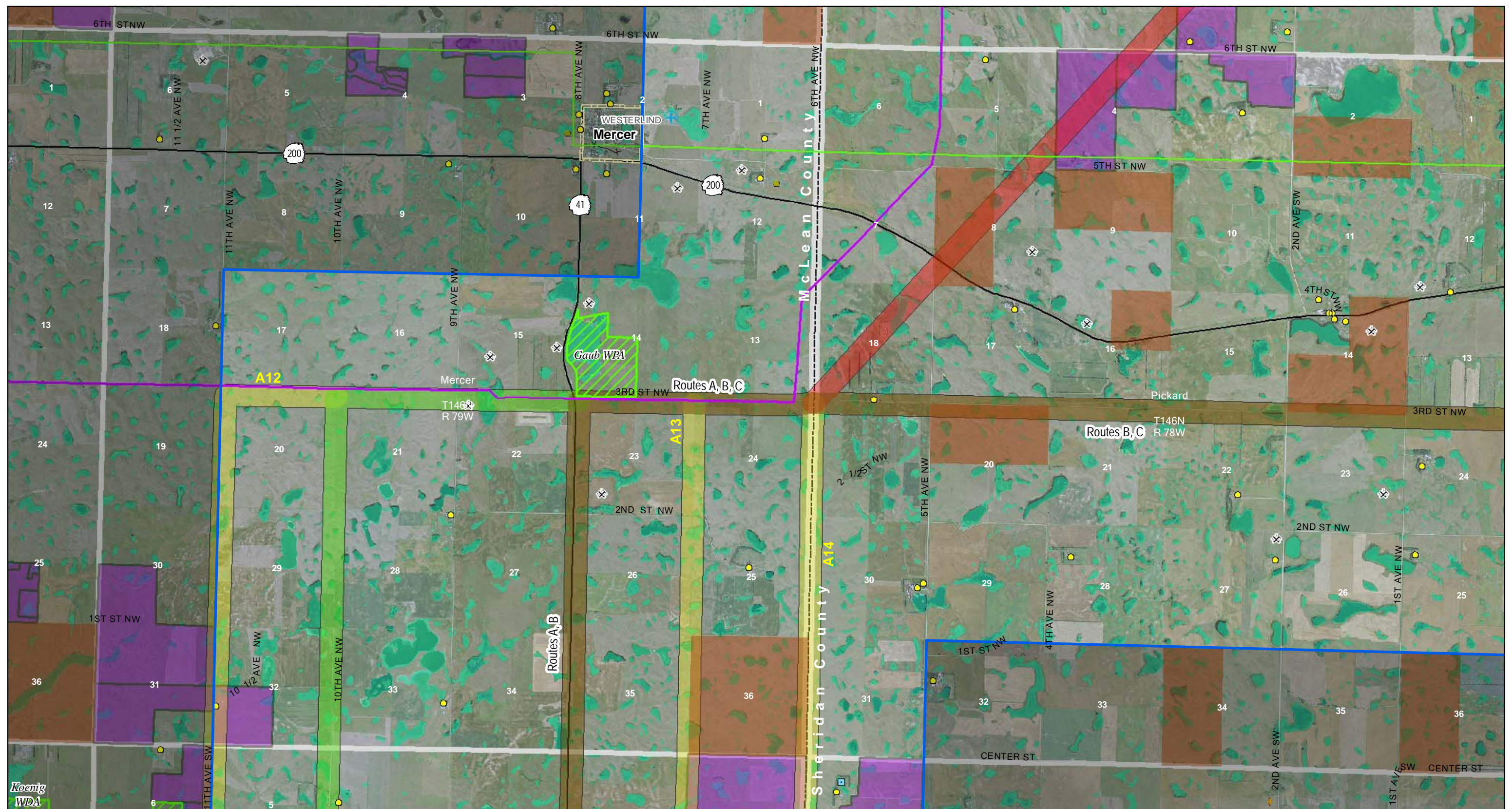
Pivot Irrigation
State Park, Recreation Area or WMA
USFWS WPA or WDA
USFWS NWR
TNC Preserve
USBOR or USACE Land
State Surface Tract
PLOTS

North Country Trail
Snowmobile Trail
Public Airport
Private Airport
Incorporated Area
River, Stream or Canal
NWI Wetland

Appendix B: Page 6 of 55
Detailed Route Maps
Center to Grand Forks Project
Environmental Assessment



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Map Index

Proposed Routes

- Route A
- Route B
- Route C
- Multiple Routes
- Segment
- Alternative
- 230 kV Tie Line
- Macro-Corridors

Existing Transmission Lines

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- 345 kV AC
- 250 kV DC
- 230 kV AC
- 115 kV or less AC

Substation

- 400 kV DC
- 345 kV AC
- 250 kV DC
- 230 kV AC
- 115 kV or less AC

Gas or Oil Pipeline

- Gas or Oil Pipeline

Proposed Water Pipeline

- Proposed Water Pipeline

Wind Turbine

- Wind Turbine

Home

- Home

Cemetery

- Cemetery

Recreation

- Recreation

Gravel Pit or Mine

- Gravel Pit or Mine

Dump or Landfill

- Dump or Landfill

Communication Tower

- Communication Tower

Pivot Irrigation

- Pivot Irrigation

State Park, Recreation Area or WMA

- State Park, Recreation Area or WMA

USFWS WPA or WDA

- USFWS WPA or WDA

USFWS NWR

- USFWS NWR

TNC Preserve

- TNC Preserve

USBOR or USACE Land

- USBOR or USACE Land

State Surface Tract

- State Surface Tract

PLOTS

- PLOTS

North Country Trail

- North Country Trail

Snowmobile Trail

- Snowmobile Trail

Public Airport

- Public Airport

Private Airport

- Private Airport

Incorporated Area

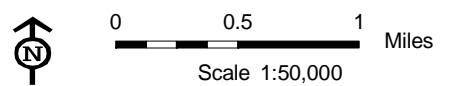
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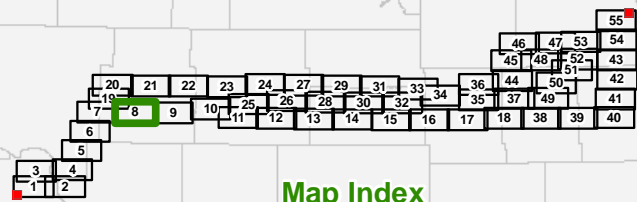
River, Stream or Canal

- River, Stream or Canal

NWI Wetland

- NWI Wetland





Map Index

Proposed Routes
Route A
Route B
Route C
Multiple Routes
Segment
Alternative
230 kV Tie Line
Macro-Corridors

Substation
Existing Transmission Lines
400 kV DC
345 kV AC
250 kV DC
230 kV AC
115 kV or less AC
Communication Tower

Gas or Oil Pipeline
Proposed Water Pipeline
Wind Turbine
Home
Cemetery
Recreation
Gravel Pit or Mine
Dump or Landfill

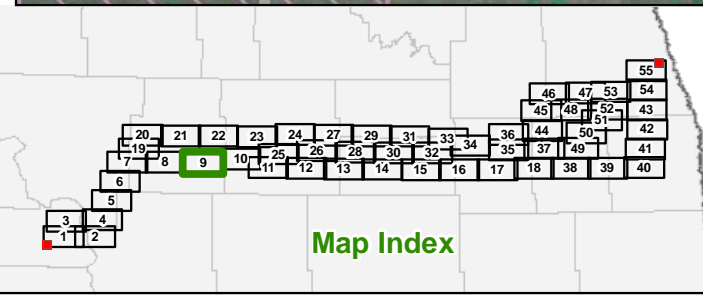
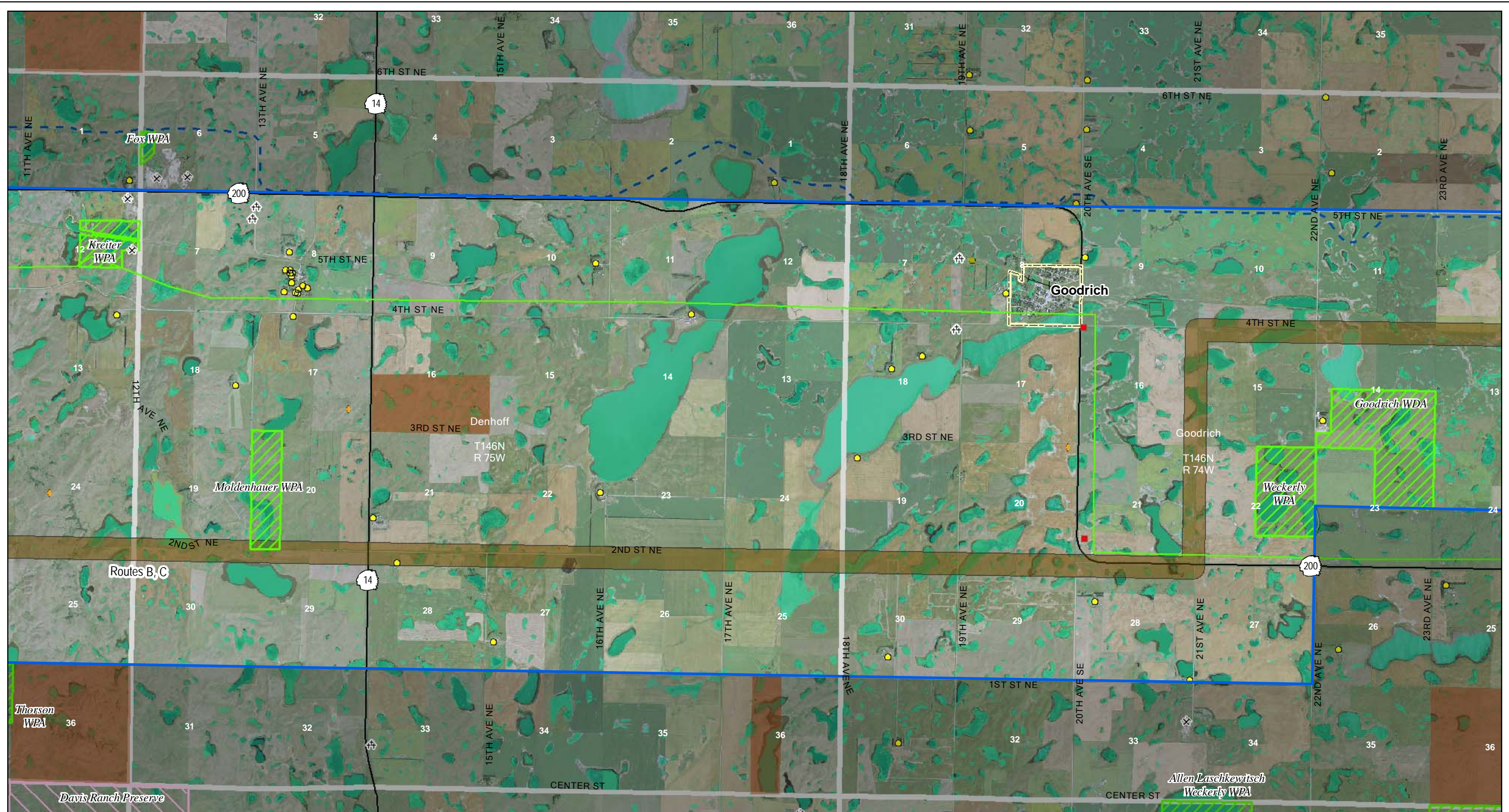
Pivot Irrigation
State Park, Recreation Area
USFWS WPA or WDA
USFWS NWR
TNC Preserve
USBOR or USACE Land
State Surface Tract
PLOTS

North Country Trail
Snowmobile Trail
Public Airport
Private Airport
Incorporated Area
River, Stream or Canal
NWI Wetland



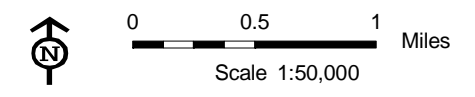
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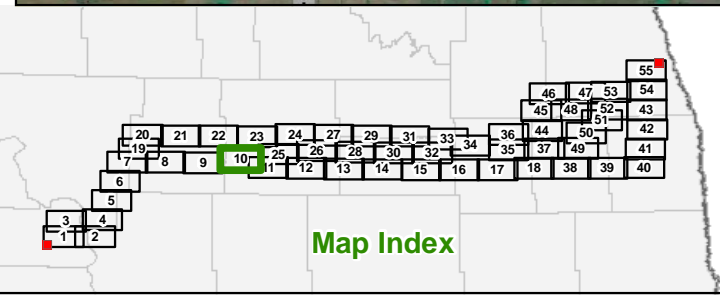
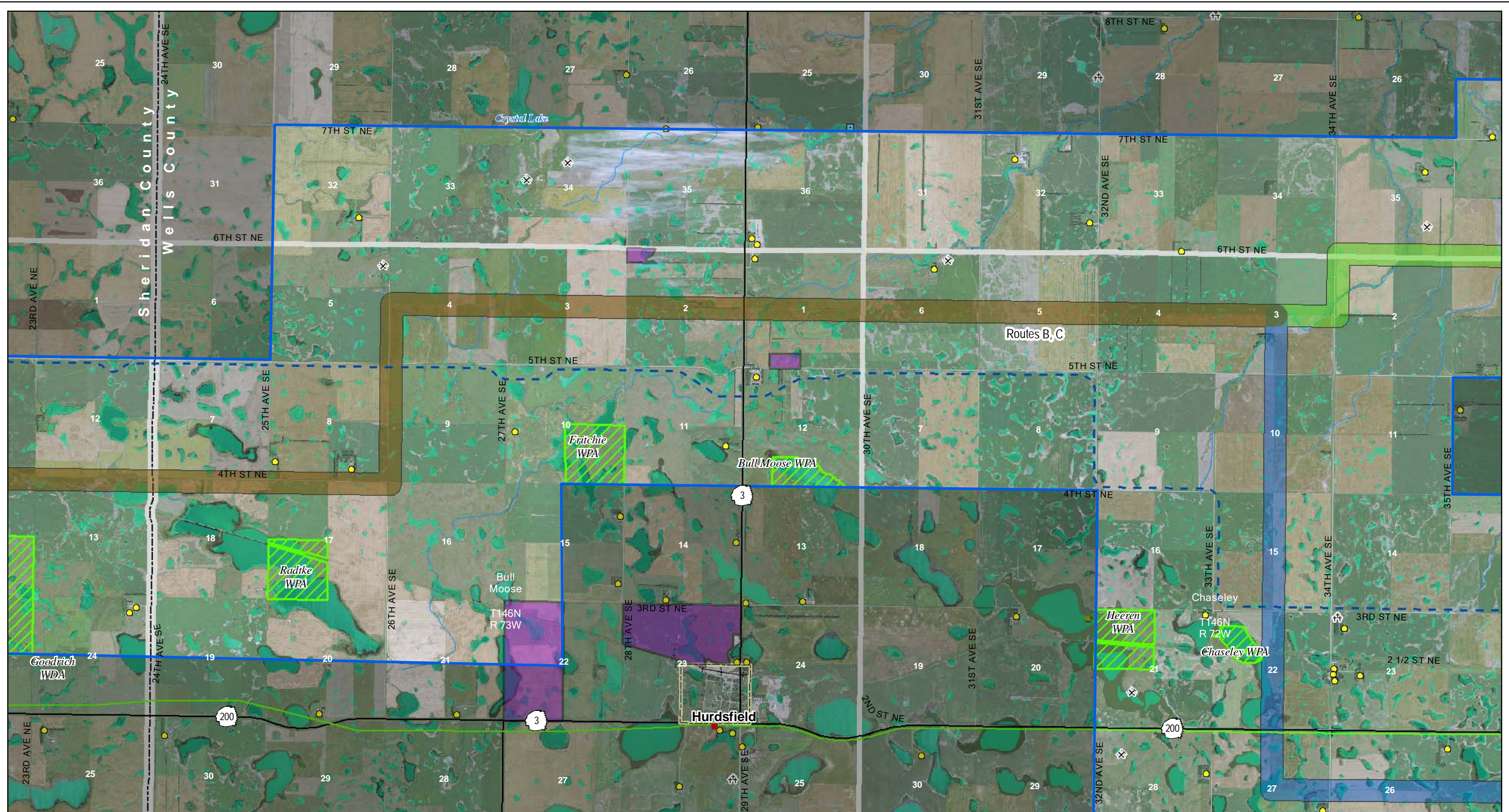


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|------------------------|-----------------------------|---------------------------|------------------------------------|
| Proposed Routes | ■ Substation | — Gas or Oil Pipeline | ● Pivot Irrigation |
| ■ Route A | Existing Transmission Lines | — Proposed Water Pipeline | State Park, Recreation Area or WMA |
| ■ Route B | — 400 kV DC | ● Wind Turbine | ■ USFWS WPA or WDA |
| ■ Route C | — 345 kV AC | ● Home | ■ USFWS NWR |
| ■ Multiple Routes | — 250 kV DC | ⛶ Cemetery | ■ TNC Preserve |
| ■ Segment | — 230 kV AC | ⛶ Recreation | ■ USBOR or USACE Land |
| ■ Alternative | — 115 kV or less AC | ⛶ Gravel Pit or Mine | ■ State Surface Tract |
| ■ 230 kV Tie Line | ◆ Communication Tower | ⛶ Dump or Landfill | ■ PLOTS |
| ■ Macro-Corridors | | | |
- | | |
|-----------------------|--------------------------|
| — North Country Trail | — Public Airport |
| — Snowmobile Trail | — Private Airport |
| — Incorporated Area | — River, Stream or Canal |
| — NWI Wetland | |



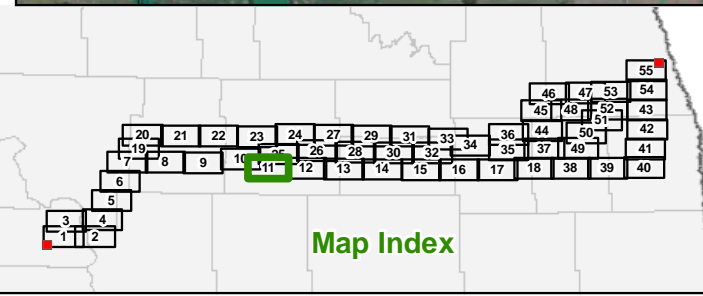
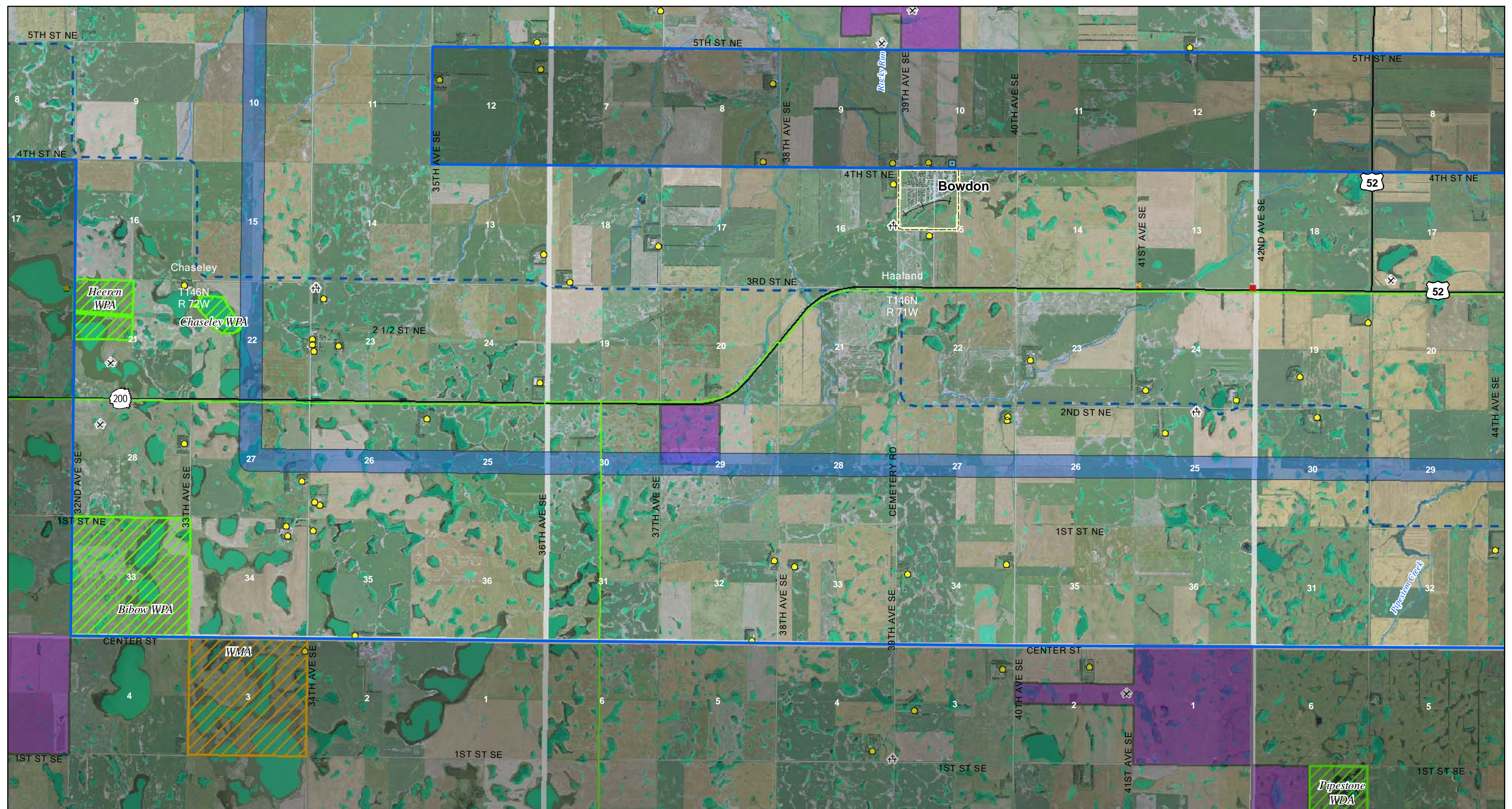
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|--|--|---|---|---|
| Proposed Routes
Route A
Route B
Route C
Multiple Routes
Segment
Alternative
230 kV Tie Line
Macro-Corridors | Existing Transmission Lines
400 kV DC
345 kV AC
250 kV DC
230 kV AC
115 kV or less AC
Communication Tower | Substation
Gas or Oil Pipeline
Proposed Water Pipeline
Wind Turbine
Home
Cemetery
Recreation
Gravel Pit or Mine
Dump or Landfill | Pivot Irrigation
State Park, Recreation Area or WMA
USFWS WPA or WDA
USFWS NWR
TNC Preserve
USBOR or USACE Land
State Surface Tract
PLOTS | North Country Trail
Snowmobile Trail
Public Airport
Private Airport
Incorporated Area
River, Stream or Canal
NWI Wetland |
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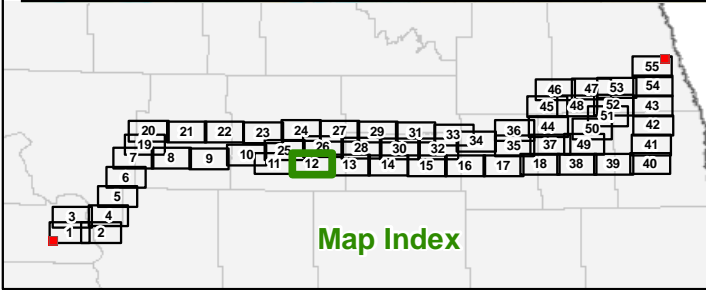
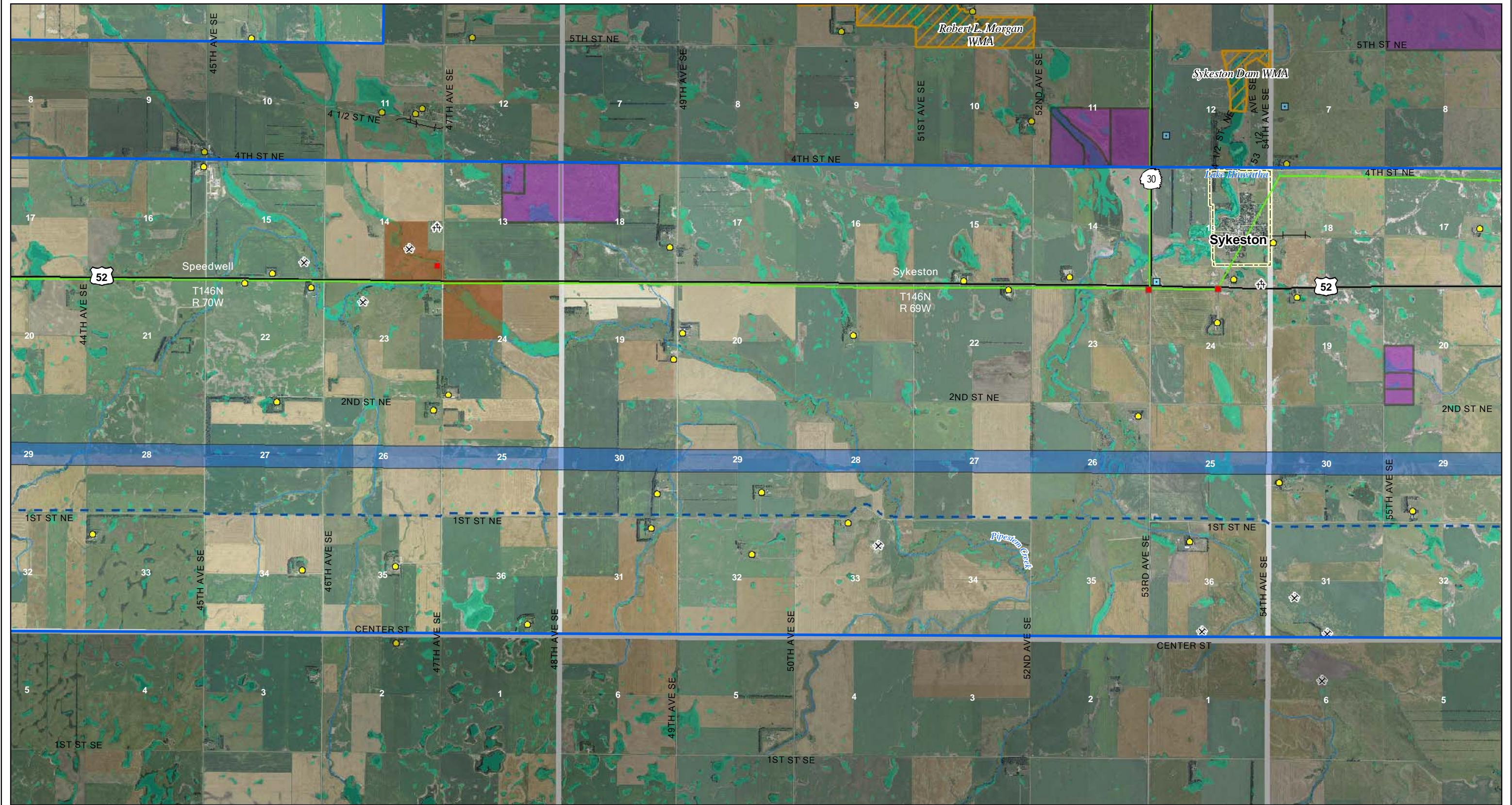
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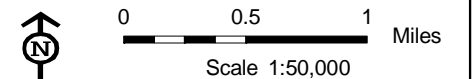
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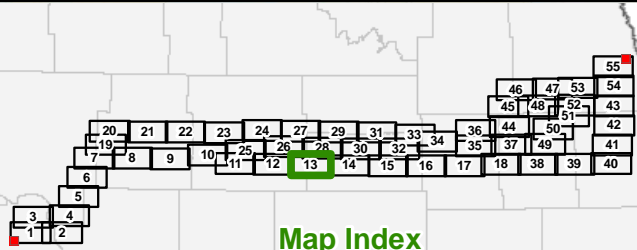
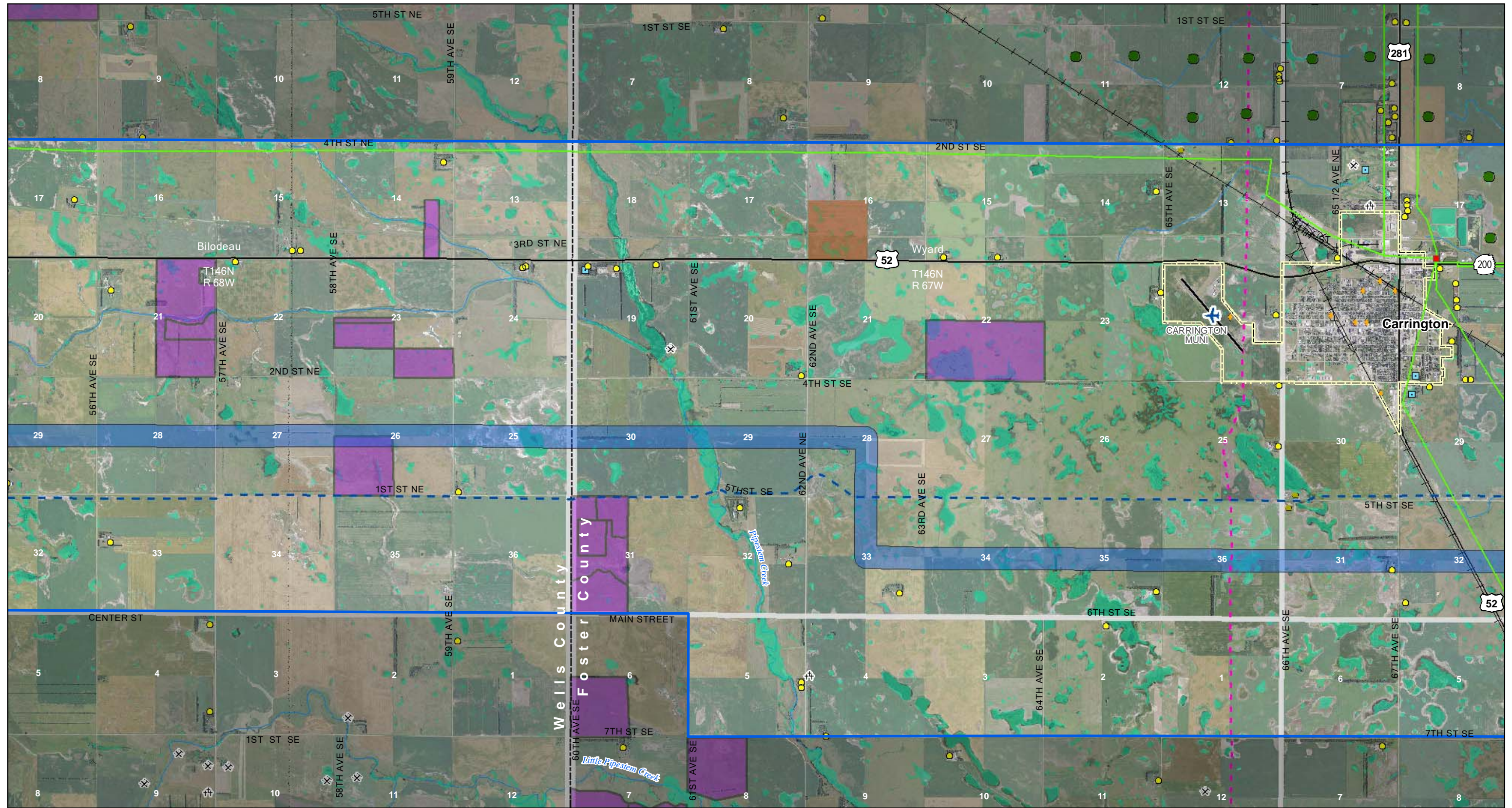
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| Route A | Existing Transmission Lines | — Proposed Water Pipeline | State Park, Recreation Area or WMA | — Snowmobile Trail |
| Route B | 400 kV DC | ★ Wind Turbine | USFWS WPA or WDA | ✈ Public Airport |
| Route C | 345 kV AC | ● Home | USFWS NWR | ✈ Private Airport |
| Multiple Routes | 250 kV DC | † Cemetery | TNC Preserve | 🏠 Incorporated Area |
| Segment | 230 kV AC | 🏠 Recreation | USBOR or USACE Land | — River, Stream or Canal |
| Alternative | 115 kV or less AC | ⛏ Gravel Pit or Mine | State Surface Tract | 🌿 NWI Wetland |
| 230 kV Tie Line | 📶 Communication Tower | 🗑 Dump or Landfill | PLOTS | |
| Macro-Corridors | | | | |

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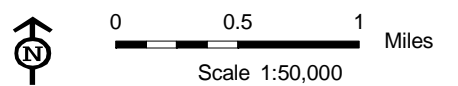


- Proposed Routes**
- Route A
 - Route B
 - Route C
 - Multiple Routes
 - Segment
 - Alternative
 - 230 kV Tie Line
 - Macro-Corridors
- Existing Transmission Lines**
- 400 kV DC
 - 345 kV AC
 - 250 kV DC
 - 230 kV AC
 - 115 kV or less AC
 - Communication Tower
- Other Features**
- Substation
 - Gas or Oil Pipeline
 - Proposed Water Pipeline
 - Wind Turbine
 - Home
 - Cemetery
 - Recreation
 - Gravel Pit or Mine
 - Dump or Landfill
 - Pivot Irrigation
 - State Park, Recreation Area or WMA
 - USFWS WPA or WDA
 - USFWS NWR
 - TNC Preserve
 - USBOR or USACE Land
 - State Surface Tract
 - PLOTS
 - North Country Trail
 - Snowmobile Trail
 - Public Airport
 - Private Airport
 - Incorporated Area
 - River, Stream or Canal
 - NWI Wetland

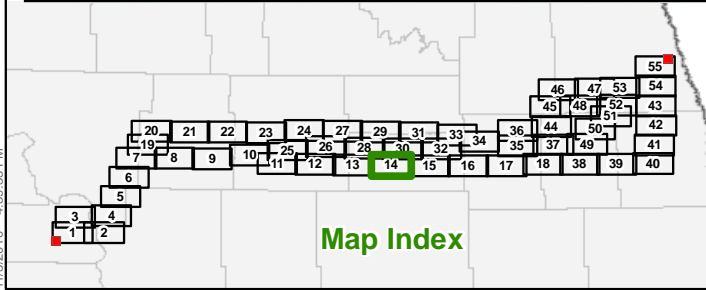
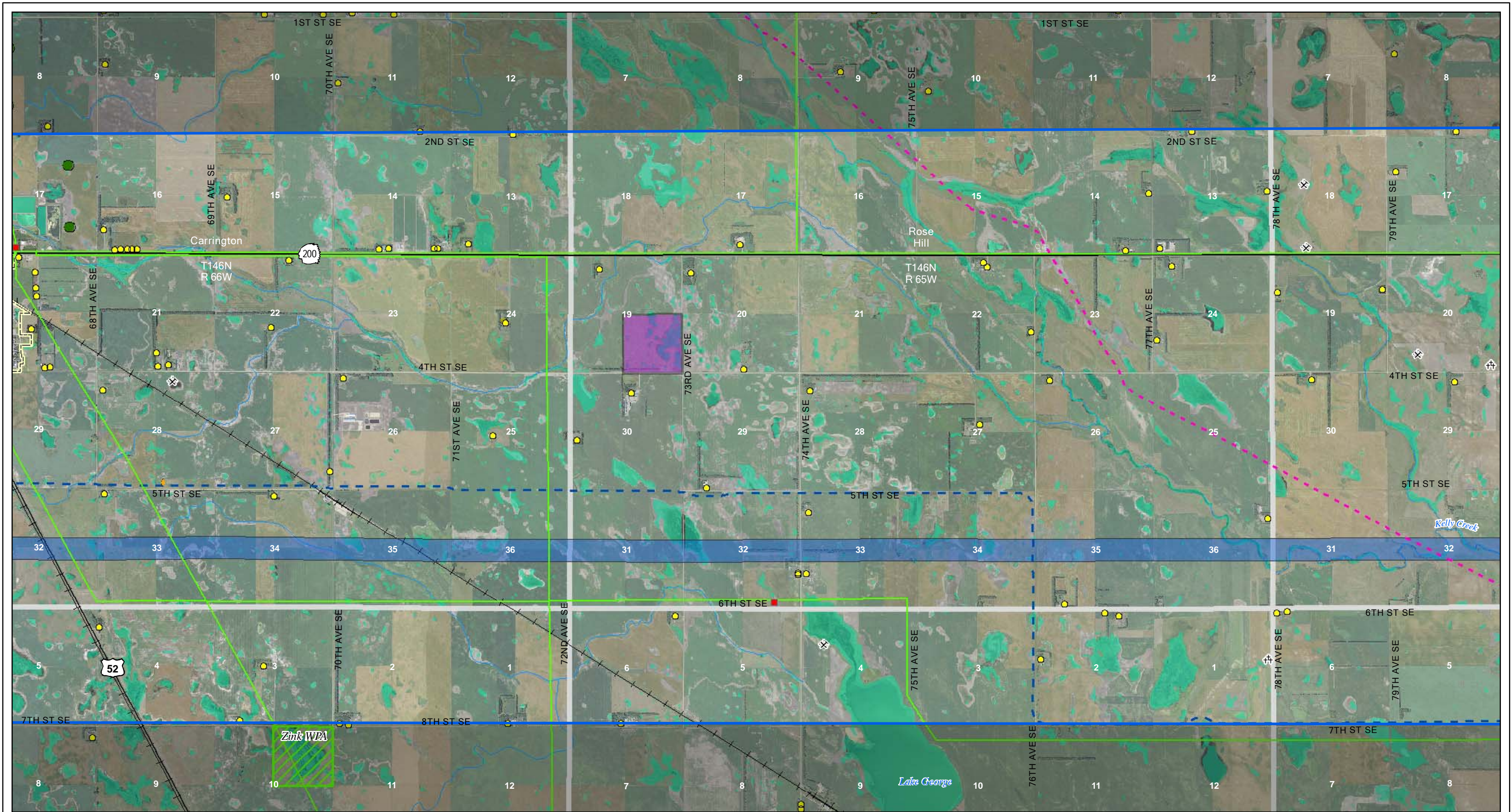




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|------------------------|-----------------------------|-------------------------|------------------------------------|------------------------|
| Proposed Routes | Substation | Gas or Oil Pipeline | Pivot Irrigation | North Country Trail |
| Route A | Existing Transmission Lines | Proposed Water Pipeline | State Park, Recreation Area or WMA | Snowmobile Trail |
| Route B | 400 kV DC | Wind Turbine | USFWS WPA or WDA | Public Airport |
| Route C | 345 kV AC | Home | USFWS NWR | Private Airport |
| Multiple Routes | 250 kV DC | Cemetery | TNC Preserve | Incorporated Area |
| Segment | 230 kV AC | Recreation | USBOR or USACE Land | River, Stream or Canal |
| Alternative | 115 kV or less AC | Gravel Pit or Mine | State Surface Tract | NWI Wetland |
| 230 kV Tie Line | Communication Tower | Dump or Landfill | PLOTS | |
| Macro-Corridors | | | | |



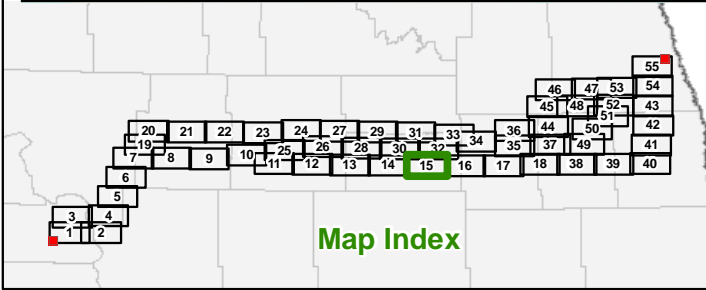
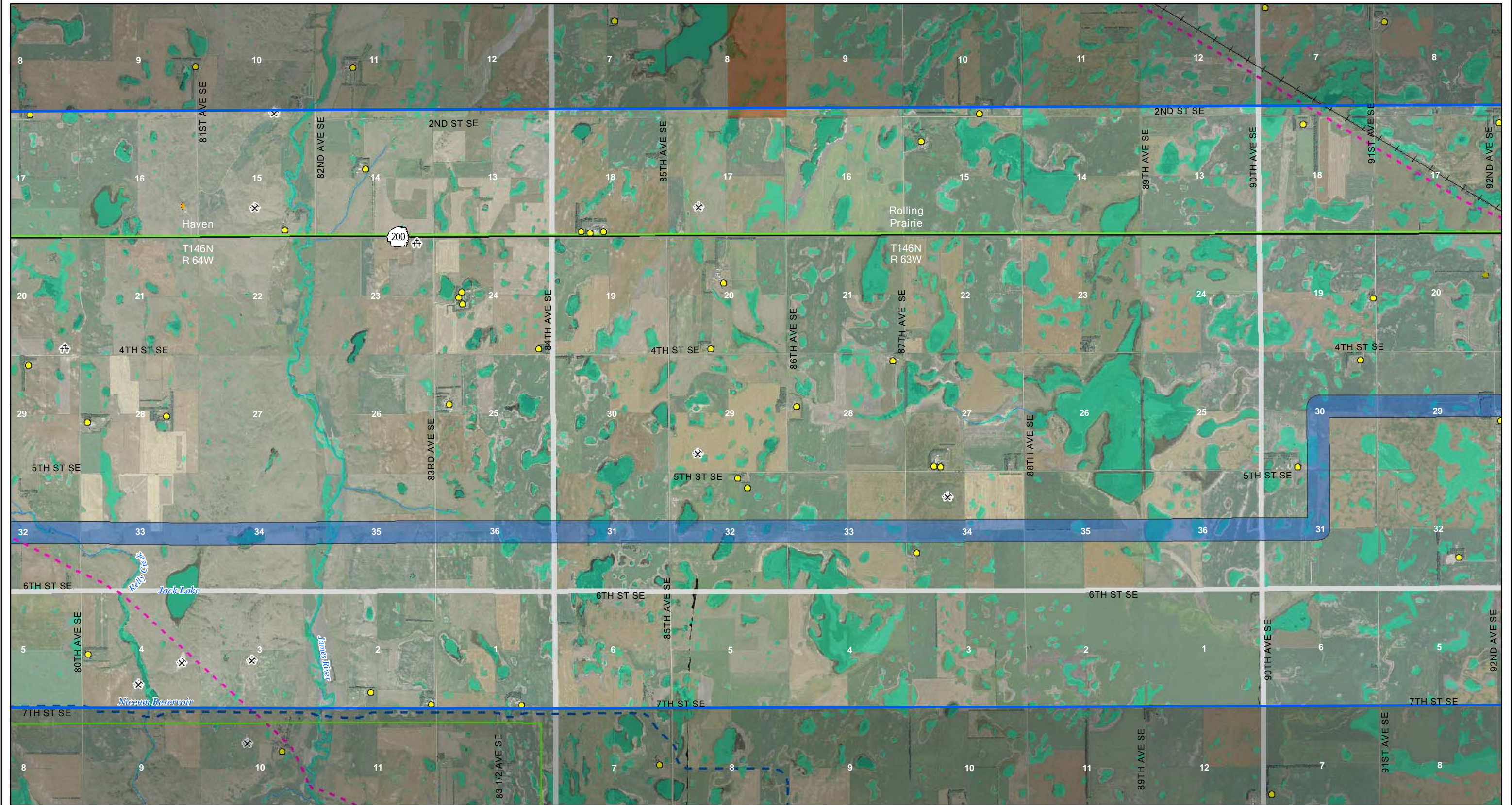
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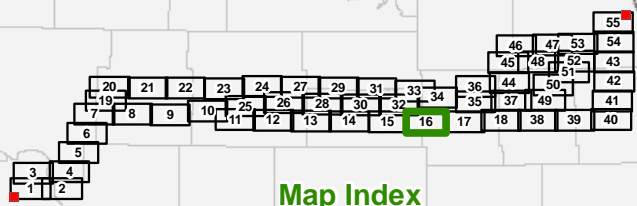
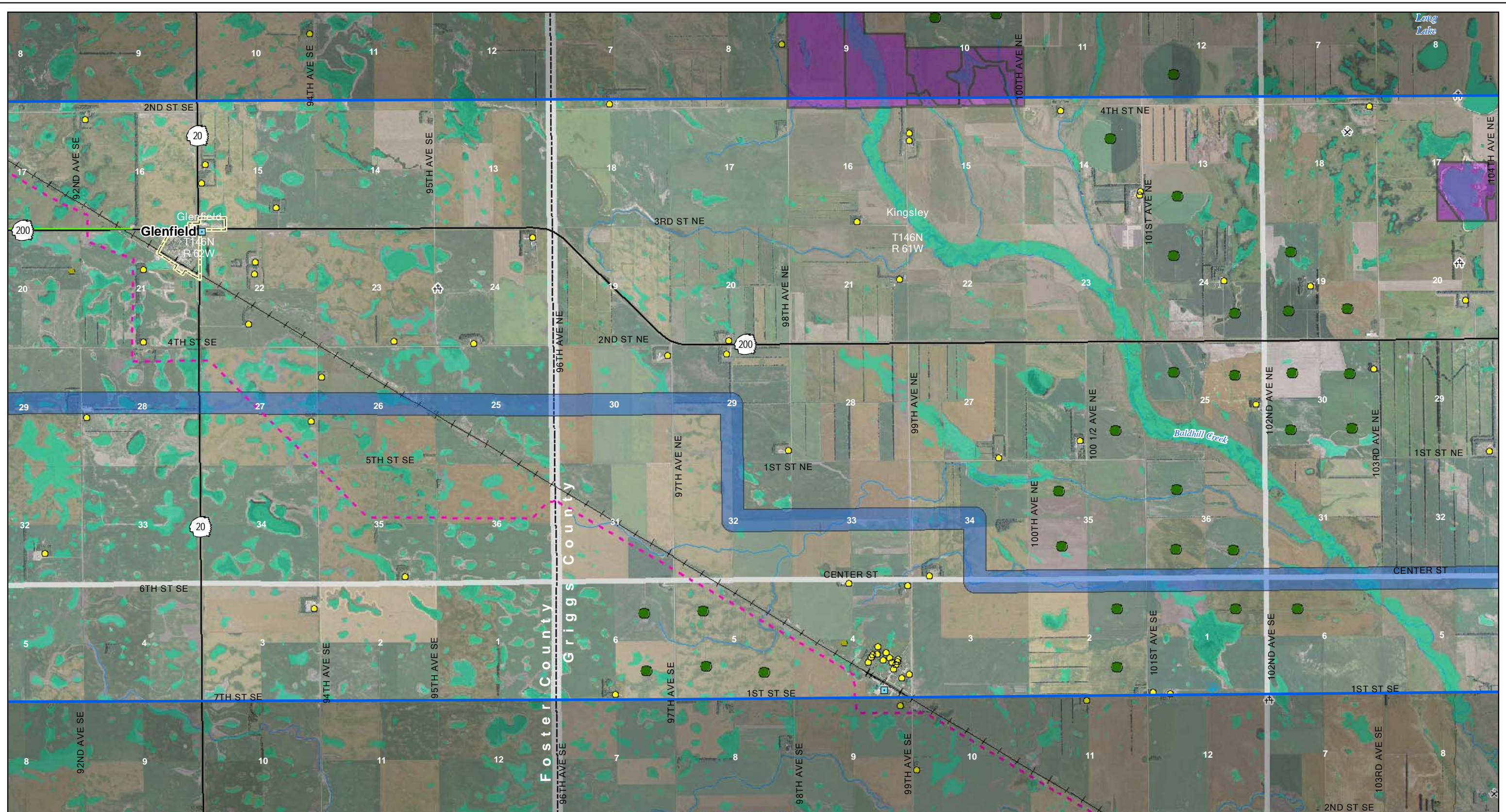
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|-----------------|-----------------|-----------------------------|-------------------------|------------------------------------|------------------------|
| Route A | Route B | Existing Transmission Lines | Proposed Water Pipeline | State Park, Recreation Area or WMA | Snowmobile Trail |
| Route C | Multiple Routes | 400 kV DC | Wind Turbine | USFWS WPA or WDA | Public Airport |
| Segment | Alternative | 345 kV AC | Home | USFWS NWR | Private Airport |
| 230 kV Tie Line | Macro-Corridors | 250 kV DC | Cemetery | TNC Preserve | Incorporated Area |
| | | 230 kV AC | Recreation | USBOR or USACE Land | River, Stream or Canal |
| | | 115 kV or less AC | Gravel Pit or Mine | State Surface Tract | NWI Wetland |
| | | Communication Tower | Dump or Landfill | PLOTS | |

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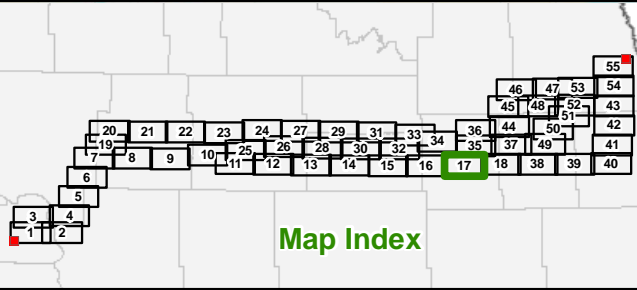
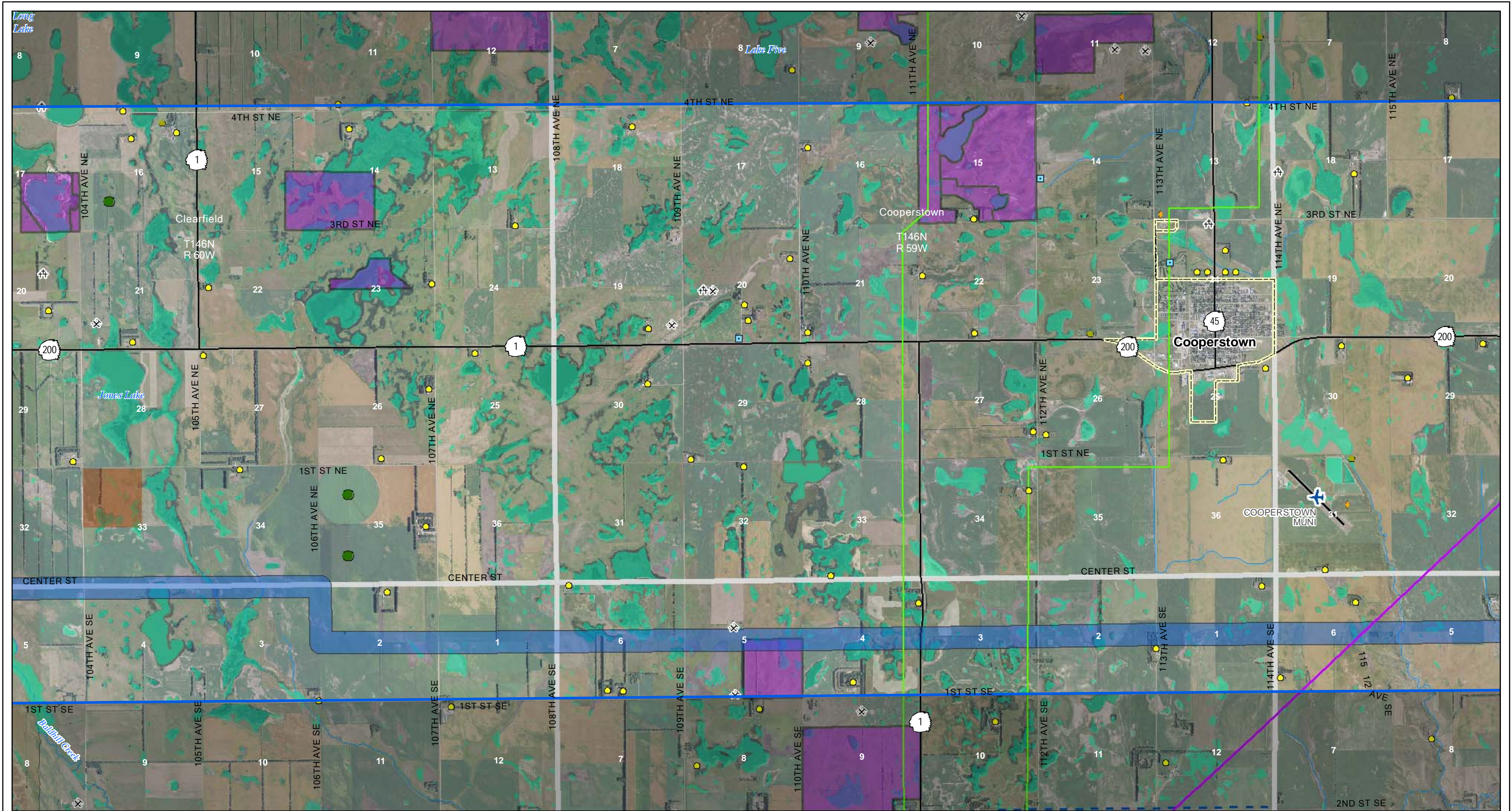
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|------------------------|---------------------|----------------------------|------------------------------------|----------------------------|
| Proposed Routes | Substation | Gas or Oil Pipeline | Pivot Irrigation | North Country Trail |
| Route A | 400 kV DC | Proposed Water Pipeline | State Park, Recreation Area or WMA | Snowmobile Trail |
| Route B | 345 kV AC | Wind Turbine | USFWS WPA or WDA | Public Airport |
| Route C | 250 kV DC | Home | USFWS NWR | Private Airport |
| Multiple Routes | 230 kV AC | Cemetery | TNC Preserve | Incorporated Area |
| Segment | 115 kV or less AC | Recreation | USBOR or USACE Land | River, Stream or Canal |
| Alternative | 230 kV Tie Line | Gravel Pit or Mine | State Surface Tract | NWI Wetland |
| Macro-Corridors | Communication Tower | Dump or Landfill | PLOTS | |

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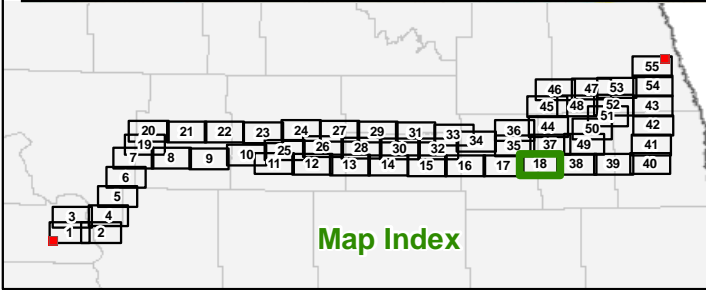
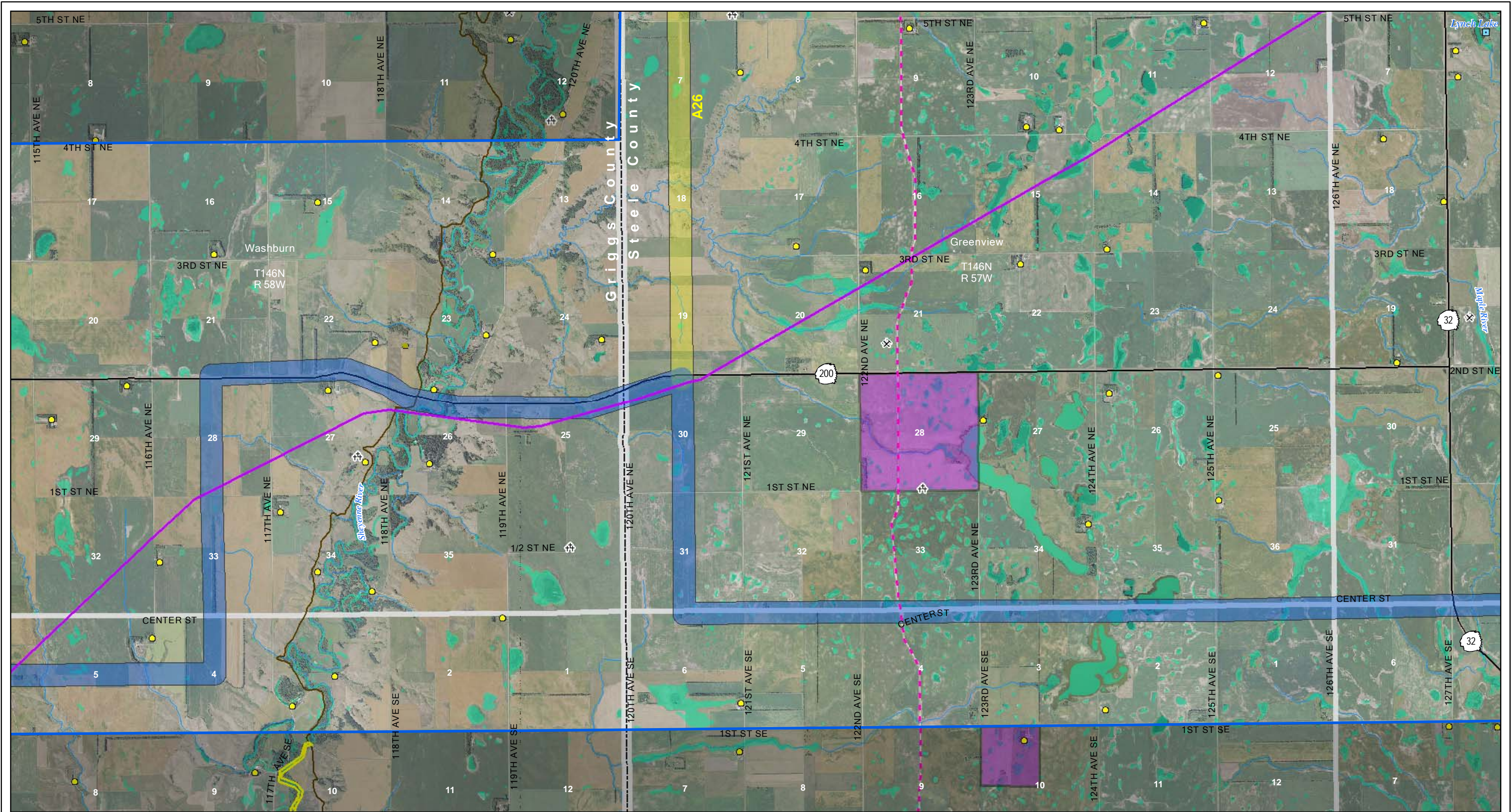


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| Proposed Routes | ■ Substation | — Gas or Oil Pipeline | ● Pivot Irrigation | — North Country Trail |
| ■ Route A | — Existing Transmission Lines | — Proposed Water Pipeline | ■ State Park, Recreation Area or WMA | — Snowmobile Trail |
| ■ Route B | — 400 kV DC | — Wind Turbine | ■ USFWS WPA or WDA | — Public Airport |
| ■ Route C | — 345 kV AC | ● Home | ■ USFWS NWR | — Private Airport |
| ■ Multiple Routes | — 250 kV DC | † Cemetery | ■ TNC Preserve | ■ Incorporated Area |
| ■ Segment | — 230 kV AC | ■ Recreation | ■ USBOR or USACE Land | — River, Stream or Canal |
| ■ Alternative | — 115 kV or less AC | ⊗ Gravel Pit or Mine | ■ State Surface Tract | ■ NWI Wetland |
| ■ 230 kV Tie Line | ◆ Communication Tower | ■ Dump or Landfill | ■ PLOTS | |
| ■ Macro-Corridors | | | | |

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| Proposed Routes | ■ Substation | — Gas or Oil Pipeline | ● Pivot Irrigation | — North Country Trail |
| ■ Route A | — Existing Transmission Lines | — Proposed Water Pipeline | ■ State Park, Recreation Area or WMA | — Snowmobile Trail |
| ■ Route B | — 400 kV DC | — Wind Turbine | ■ USFWS WPA or WDA | — Public Airport |
| ■ Route C | — 345 kV AC | ● Home | ■ USFWS NWR | — Private Airport |
| ■ Multiple Routes | — 250 kV DC | † Cemetery | ■ TNC Preserve | ■ Incorporated Area |
| ■ Segment | — 230 kV AC | ■ Recreation | ■ USBOR or USACE Land | — River, Stream or Canal |
| ■ Alternative | — 115 kV or less AC | ⊗ Gravel Pit or Mine | ■ State Surface Tract | ■ NWI Wetland |
| ■ 230 kV Tie Line | ◆ Communication Tower | ■ Dump or Landfill | ■ PLOTS | |
| ■ Macro-Corridors | | | | |



Proposed Routes

- Route A
- Route B
- Route C
- Multiple Routes
- Segment
- Alternative
- 230 kV Tie Line
- Macro-Corridors

Existing Transmission Lines

- 400 kV DC
- 345 kV AC
- 250 kV DC
- 230 kV AC
- 115 kV or less AC
- Communication Tower

Other Features

- Gas or Oil Pipeline
- Proposed Water Pipeline
- Wind Turbine
- Home
- Cemetery
- Recreation
- Gravel Pit or Mine
- Dump or Landfill

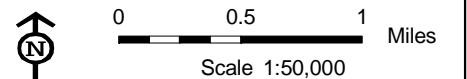
Land Use Designations

- Pivot Irrigation
- State Park, Recreation Area or WMA
- USFWS WPA or WDA
- USFWS NWR
- TNC Preserve
- USBOR or USACE Land
- State Surface Tract
- PLOTS

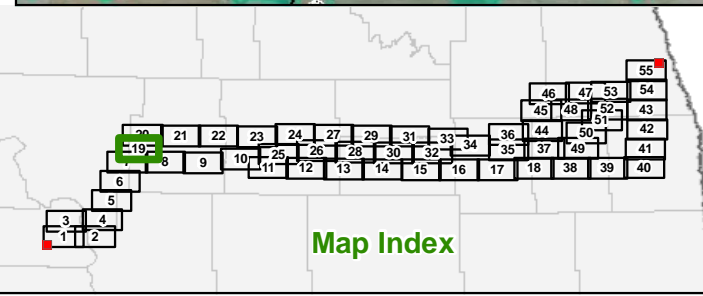
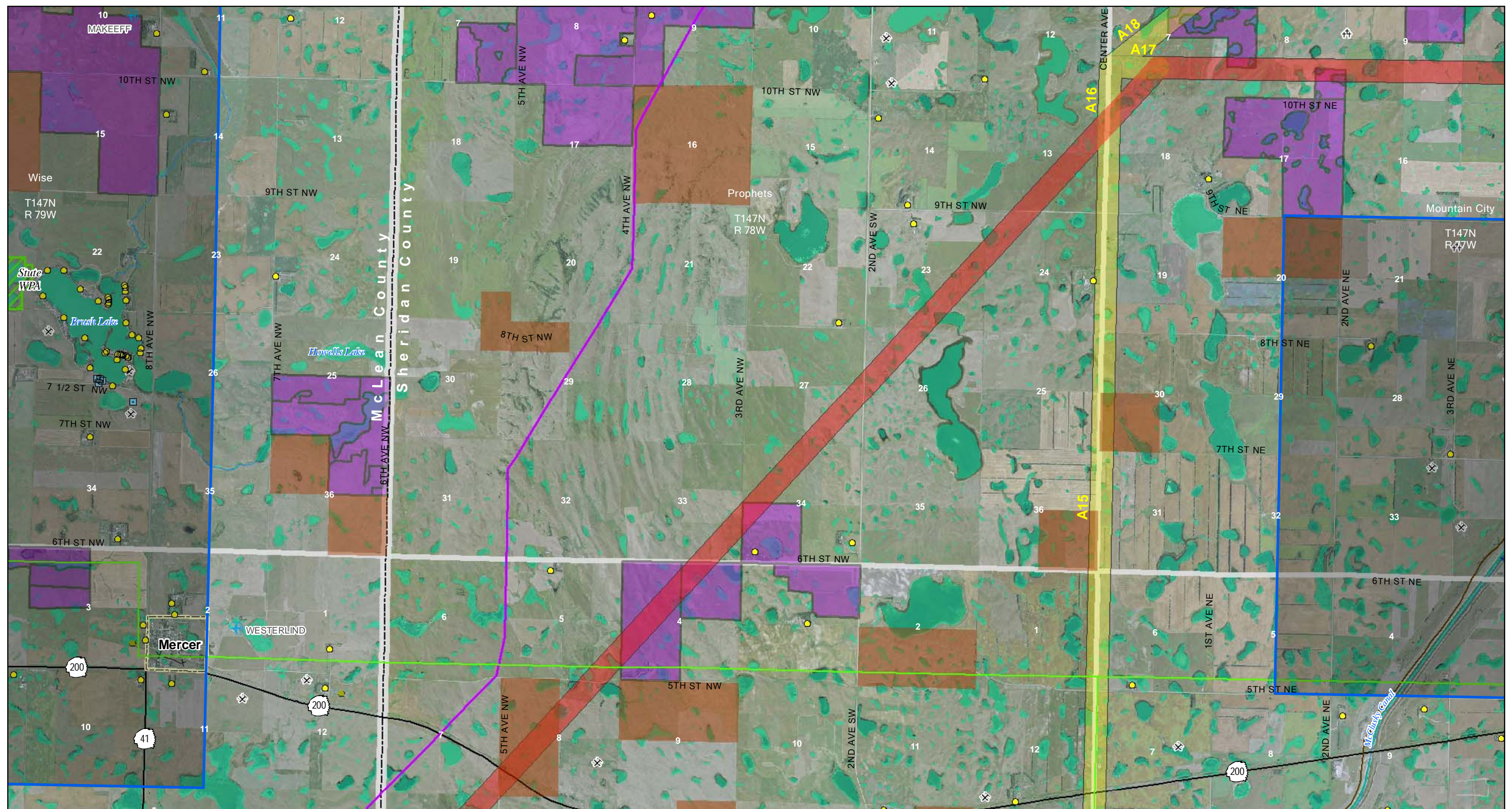
Other Features

- North Country Trail
- Snowmobile Trail
- Public Airport
- Private Airport
- Incorporated Area
- River, Stream or Canal
- NWI Wetland

Appendix B: Page 18 of 55
Detailed Route Maps
Center to Grand Forks Project
Environmental Assessment



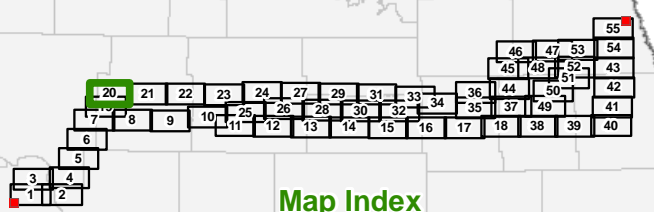
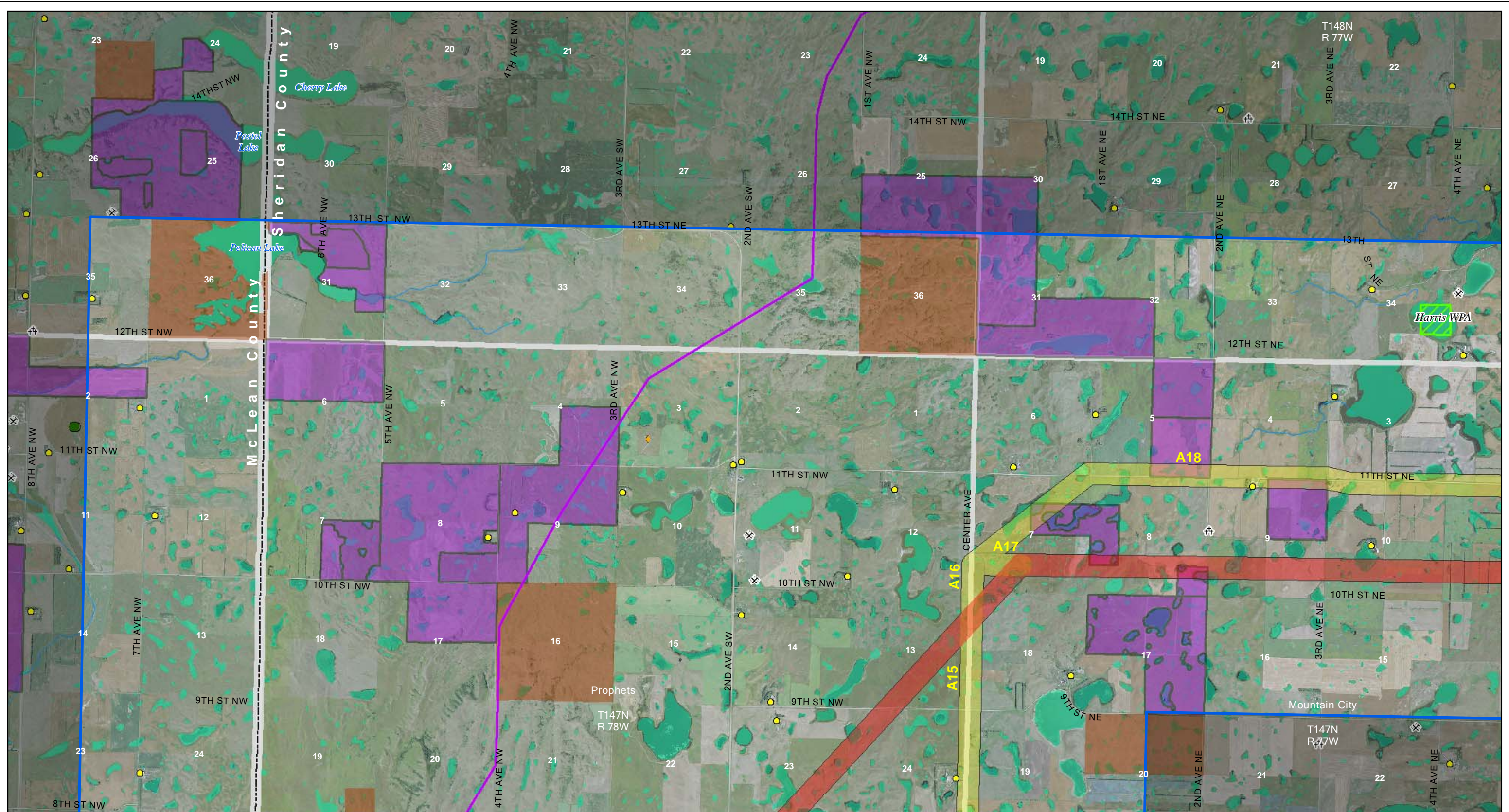
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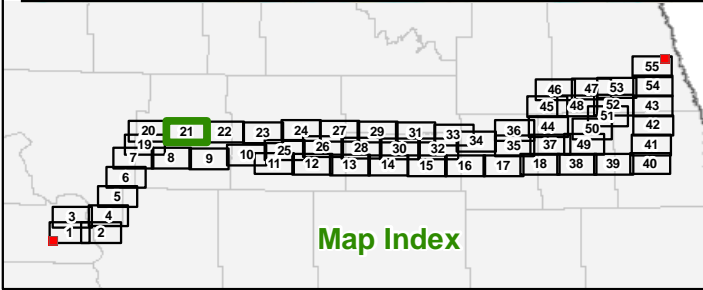
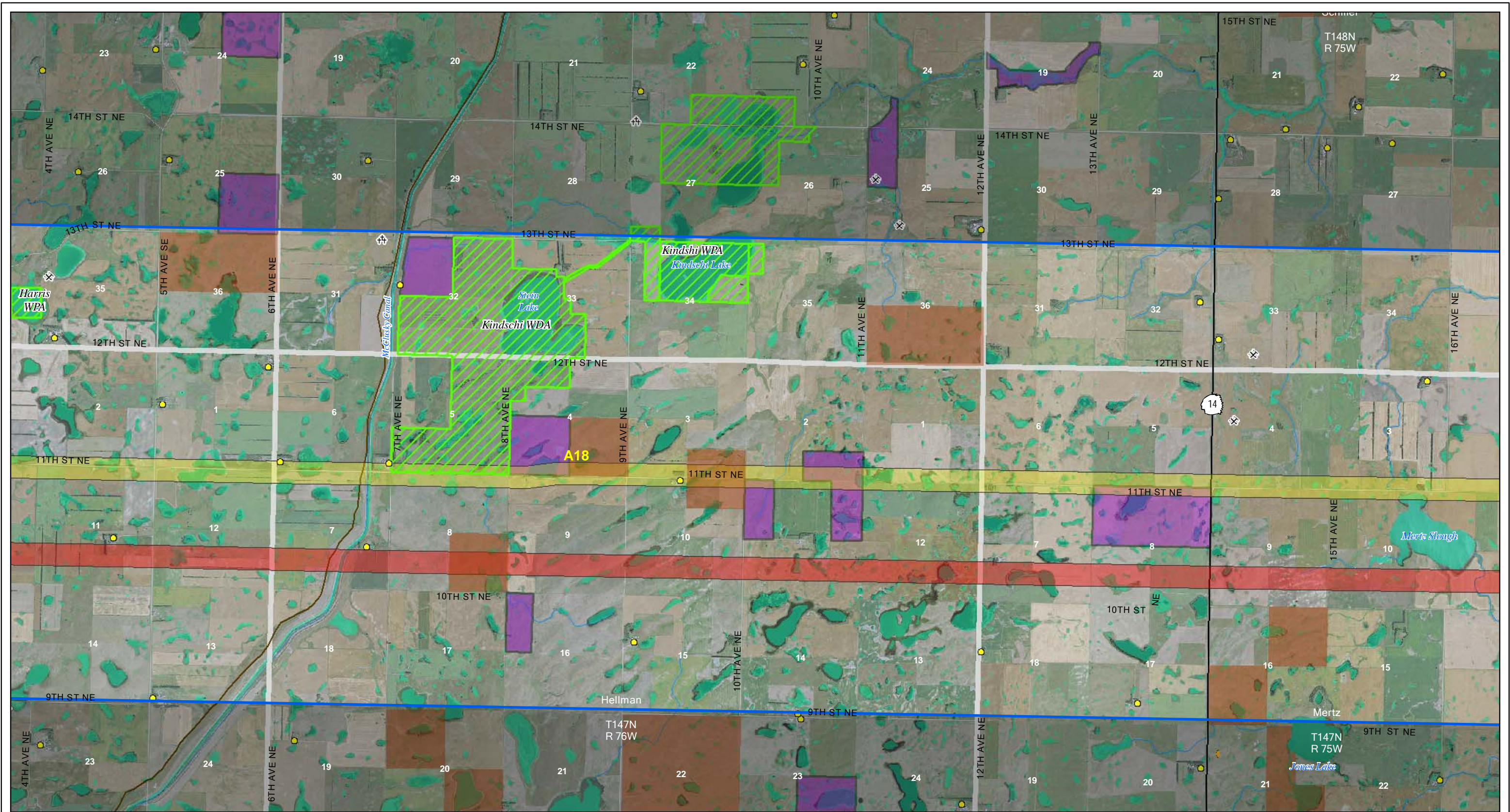
Aerial photography published by National Agriculture Imagery Program (NAIP), 2009.

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|------------------------|-----------------------------|-------------------------|------------------------------------|------------------------|
| Proposed Routes | Substation | Gas or Oil Pipeline | Pivot Irrigation | North Country Trail |
| Route A | Existing Transmission Lines | Proposed Water Pipeline | State Park, Recreation Area or WMA | Snowmobile Trail |
| Route B | 400 kV DC | Wind Turbine | USFWS WPA or WDA | Public Airport |
| Route C | 345 kV AC | Home | USFWS NWR | Private Airport |
| Multiple Routes | 250 kV DC | Cemetery | TNC Preserve | Incorporated Area |
| Segment | 230 kV AC | Recreation | USBOR or USACE Land | River, Stream or Canal |
| Alternative | 115 kV or less AC | Gravel Pit or Mine | State Surface Tract | NWI Wetland |
| 230 kV Tie Line | Communication Tower | Dump or Landfill | PLOTS | |
| Macro-Corridors | | | | |

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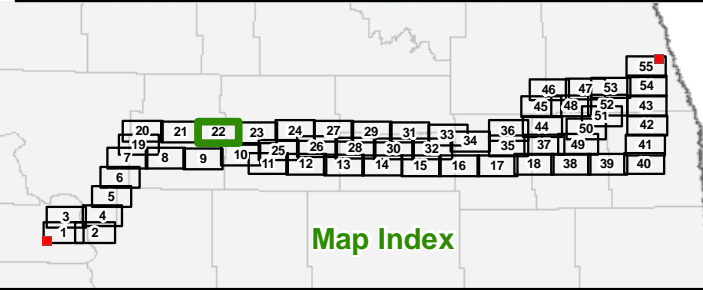
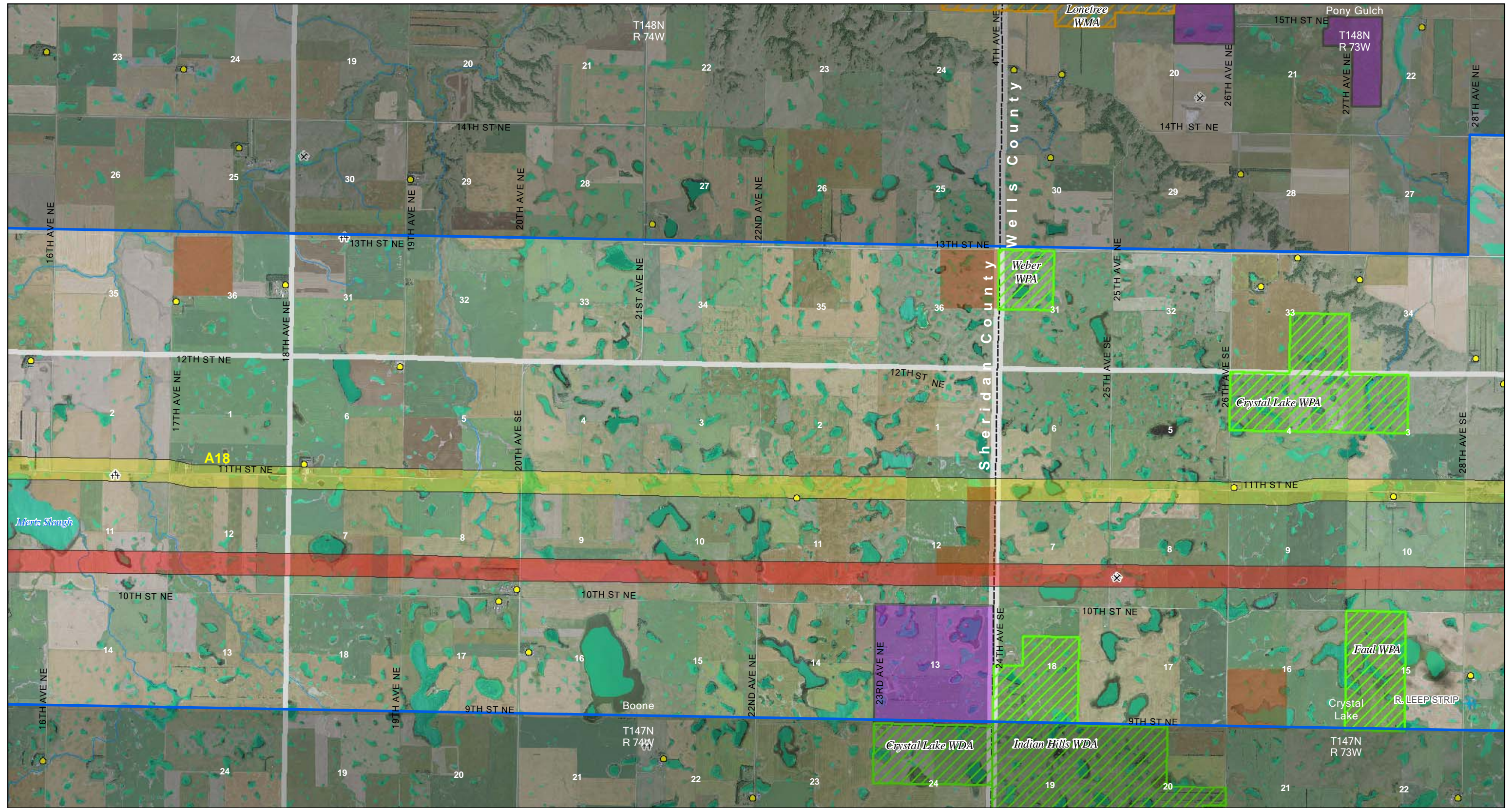


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|------------------------|-----------------------------|---------------------------|------------------------------------|------------------------|
| Proposed Routes | ■ Substation | ◆ Gas or Oil Pipeline | ● Pivot Irrigation | — North Country Trail |
| Route A | Existing Transmission Lines | ◆ Proposed Water Pipeline | State Park, Recreation Area or WMA | — Snowmobile Trail |
| Route B | 400 kV DC | ◆ Wind Turbine | USFWS WPA or WDA | Public Airport |
| Route C | 345 kV AC | ◆ Home | USFWS NWR | Private Airport |
| Multiple Routes | 250 kV DC | ◆ Cemetery | TNC Preserve | Incorporated Area |
| Segment Alternative | 230 kV AC | ◆ Recreation | USBOR or USACE Land | River, Stream or Canal |
| 230 kV Tie Line | 115 kV or less AC | ◆ Gravel Pit or Mine | State Surface Tract | NWI Wetland |
| Macro-Corridors | ◆ Communication Tower | ◆ Dump or Landfill | PLOTS | |



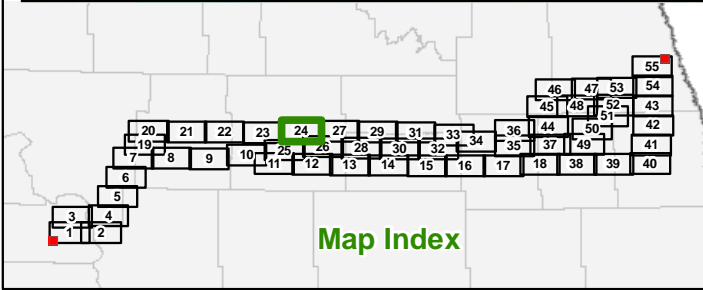
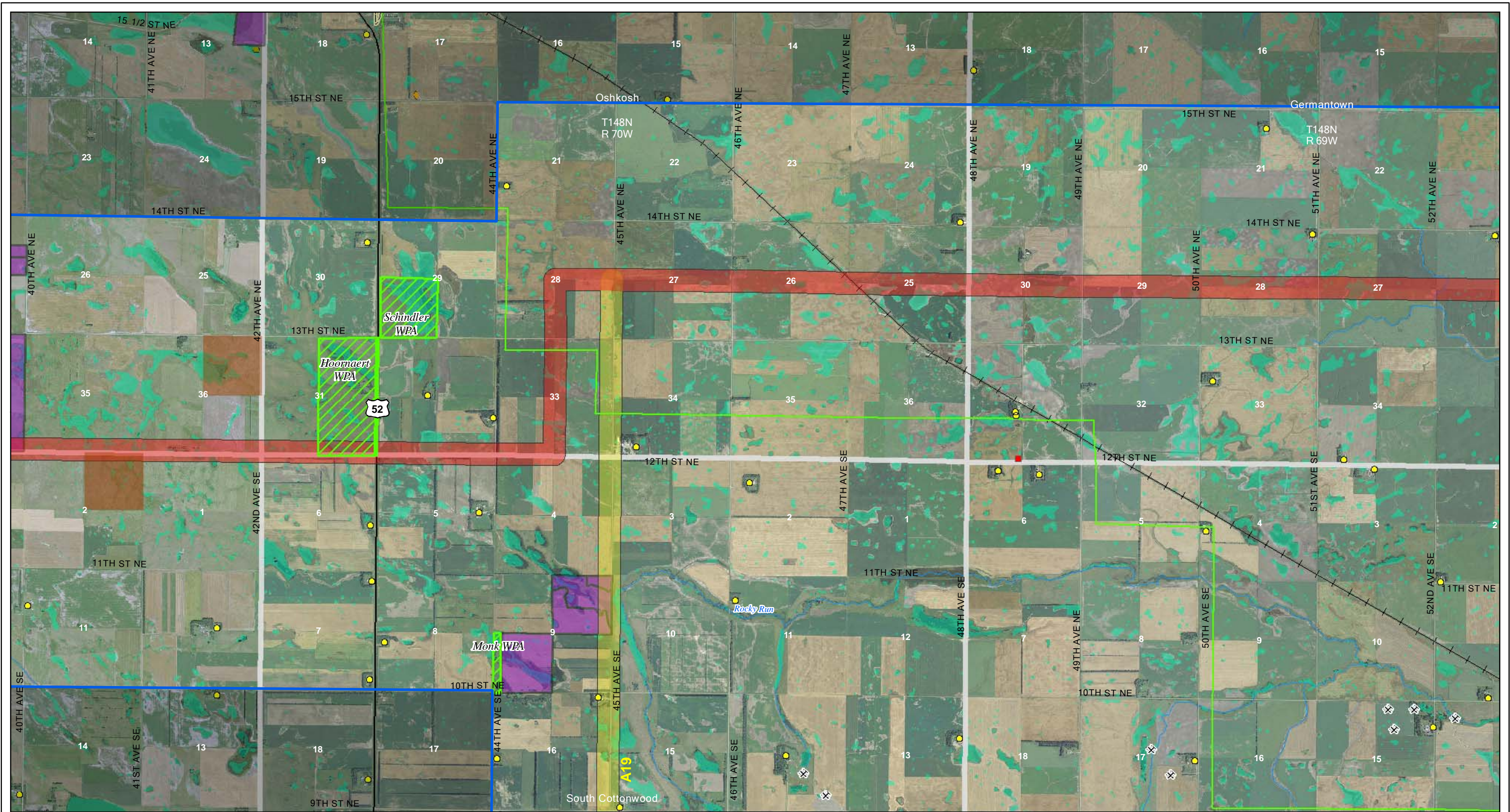
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|------------------------|-------------------------------|---------------------------|--------------------------------------|--------------------------|
| Proposed Routes | ■ Substation | ◆ Gas or Oil Pipeline | ● Pivot Irrigation | — North Country Trail |
| ■ Route A | — Existing Transmission Lines | — Proposed Water Pipeline | ■ State Park, Recreation Area or WMA | — Snowmobile Trail |
| ■ Route B | — 400 kV DC | ● Wind Turbine | ■ USFWS WPA or WDA | ✈ Public Airport |
| ■ Route C | — 345 kV AC | ● Home | ■ USFWS NWR | ✈ Private Airport |
| ■ Multiple Routes | — 250 kV DC | ✈ Cemetery | ■ TNC Preserve | ■ Incorporated Area |
| ■ Segment Alternative | — 230 kV AC | ■ Recreation | ■ USBOR or USACE Land | — River, Stream or Canal |
| ■ 230 kV Tie Line | — 115 kV or less AC | ✈ Gravel Pit or Mine | ■ State Surface Tract | ■ NWI Wetland |
| ■ Macro-Corridors | ◆ Communication Tower | ■ Dump or Landfill | ■ PLOTS | |

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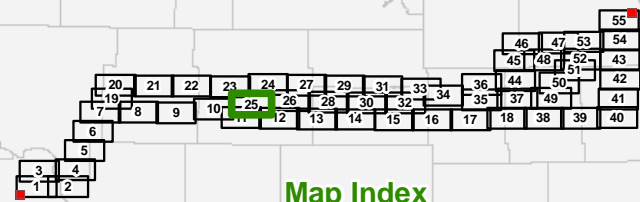
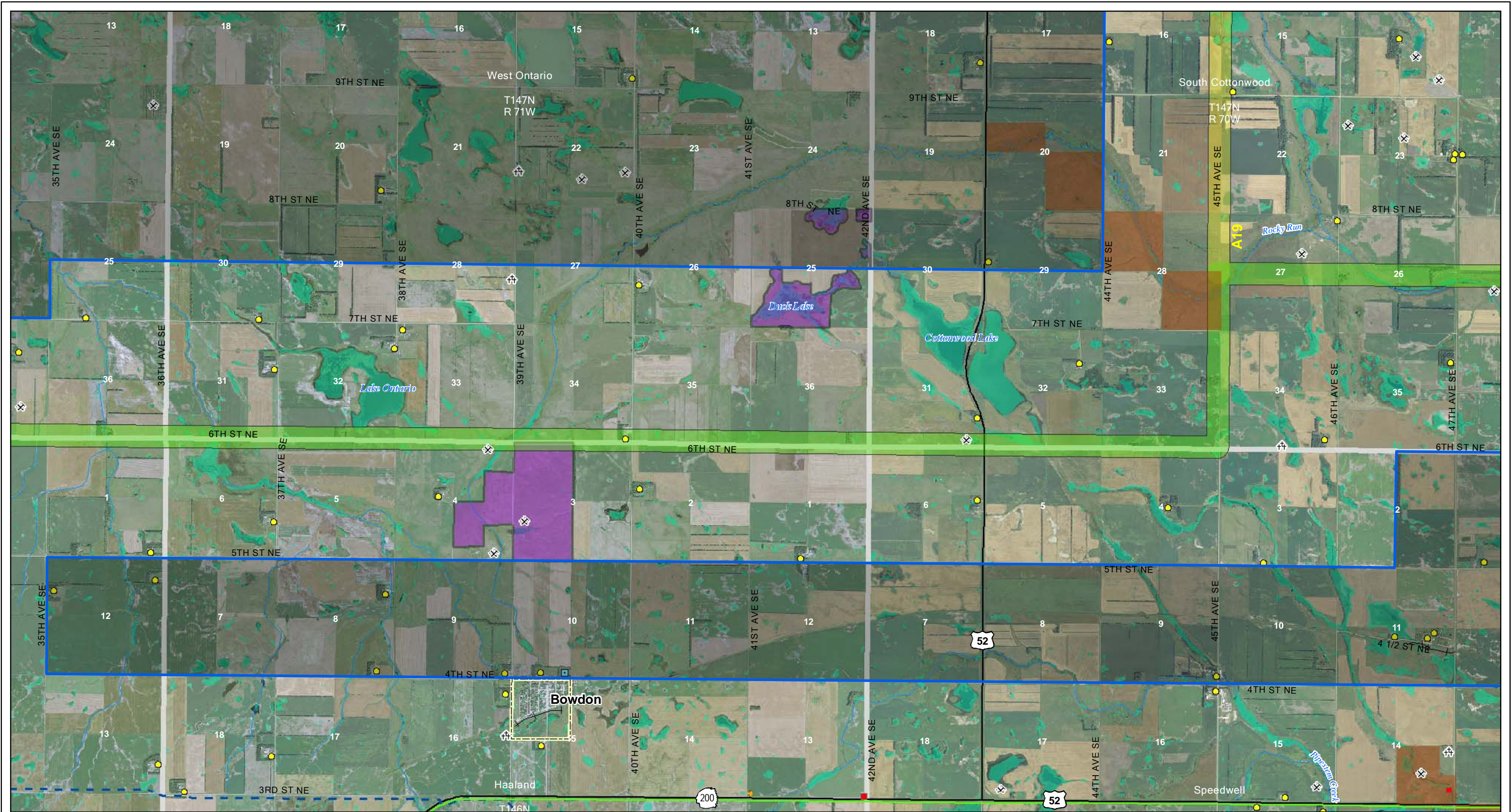
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|------------------------|-----------------------------|-------------------------|------------------------------------|------------------------|
| Proposed Routes | Substation | Gas or Oil Pipeline | Pivot Irrigation | North Country Trail |
| Route A | Existing Transmission Lines | Proposed Water Pipeline | State Park, Recreation Area or WMA | Snowmobile Trail |
| Route B | 400 kV DC | Wind Turbine | USFWS WPA or WDA | Public Airport |
| Route C | 345 kV AC | Home | USFWS NWR | Private Airport |
| Multiple Routes | 250 kV DC | Cemetery | TNC Preserve | Incorporated Area |
| Segment Alternative | 230 kV AC | Recreation | USBOR or USACE Land | River, Stream or Canal |
| 230 kV Tie Line | 115 kV or less AC | Gravel Pit or Mine | State Surface Tract | NWI Wetland |
| Macro-Corridors | Communication Tower | Dump or Landfill | PLOTS | |

Aerial photography published by National Agriculture Imagery Program (NAIP), 2009.



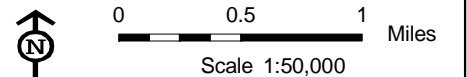
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|------------------------|-------------------------------|---------------------------|--------------------------------------|--------------------------|
| Proposed Routes | ■ Substation | — Gas or Oil Pipeline | ● Pivot Irrigation | — North Country Trail |
| ■ Route A | — Existing Transmission Lines | — Proposed Water Pipeline | ■ State Park, Recreation Area or WMA | — Snowmobile Trail |
| ■ Route B | — 400 kV DC | — Wind Turbine | ■ USFWS WPA or WDA | — Public Airport |
| ■ Route C | — 345 kV AC | ● Home | ■ USFWS NWR | — Private Airport |
| ■ Multiple Routes | — 250 kV DC | † Cemetery | ■ TNC Preserve | ■ Incorporated Area |
| ■ Segment Alternative | — 230 kV AC | ■ Recreation | ■ USBOR or USACE Land | — River, Stream or Canal |
| ■ 230 kV Tie Line | — 115 kV or less AC | ⊗ Gravel Pit or Mine | ■ State Surface Tract | ■ NWI Wetland |
| ■ Macro-Corridors | ◆ Communication Tower | ■ Dump or Landfill | ■ PLOTS | |

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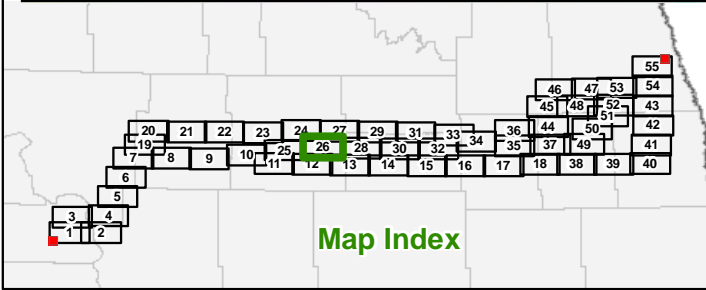
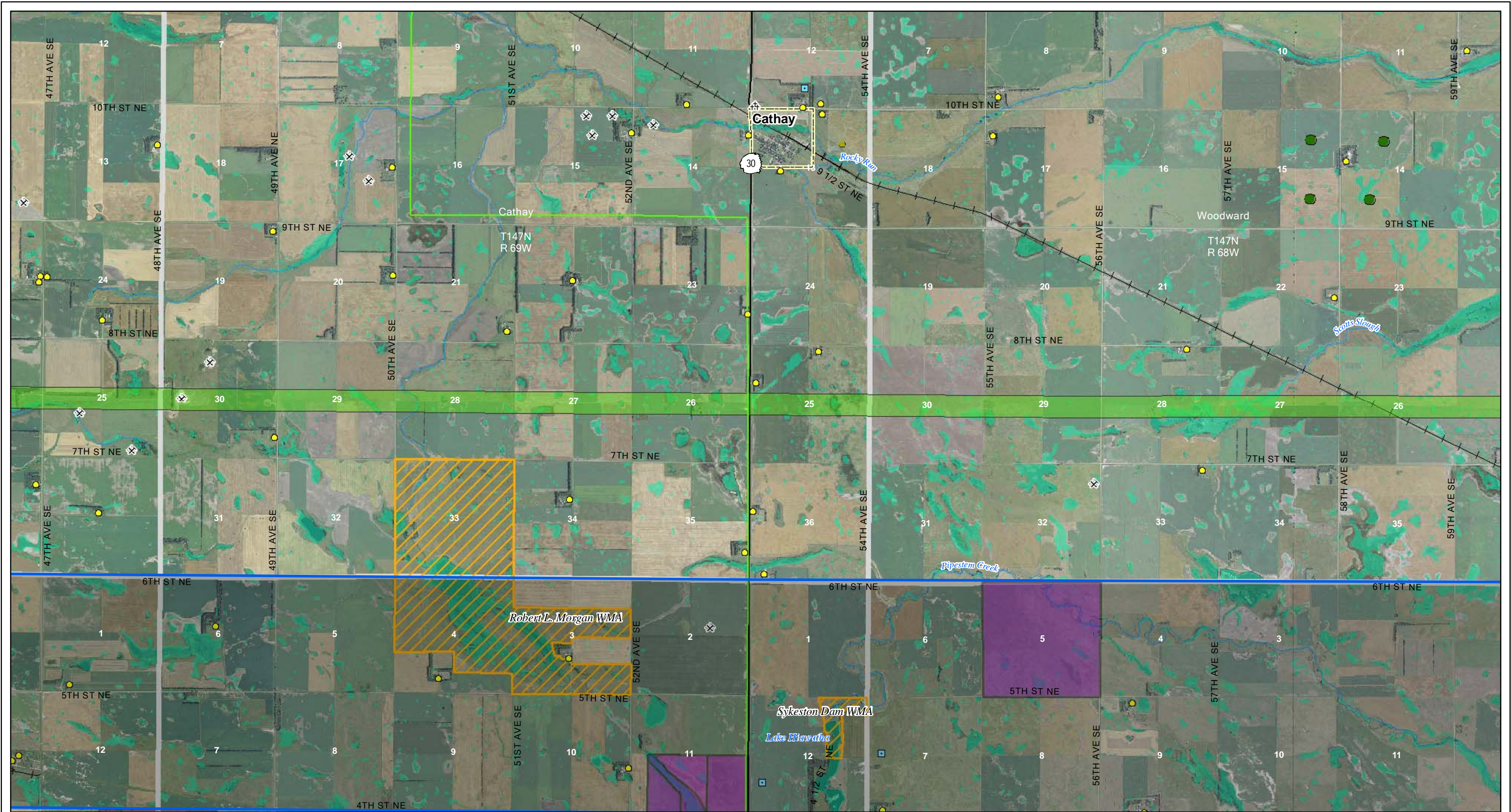


Map Index

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|------------------------|-----------------------------|---------------------------|------------------------------------|--------------------------|
| Proposed Routes | ■ Substation | ◆ Gas or Oil Pipeline | ● Pivot Irrigation | — North Country Trail |
| ■ Route A | Existing Transmission Lines | — Proposed Water Pipeline | State Park, Recreation Area or WMA | — Snowmobile Trail |
| ■ Route B | — 400 kV DC | ★ Wind Turbine | USFWS WPA or WDA | ✈ Public Airport |
| ■ Route C | — 345 kV AC | ● Home | USFWS NWR | ✈ Private Airport |
| ■ Multiple Routes | — 250 kV DC | † Cemetery | TNC Preserve | 🏘 Incorporated Area |
| ■ Segment | — 230 kV AC | 🏖 Recreation | USBOR or USACE Land | — River, Stream or Canal |
| ■ Alternative | — 115 kV or less AC | ⛑ Gravel Pit or Mine | State Surface Tract | 🌿 NWI Wetland |
| ■ 230 kV Tie Line | ◆ Communication Tower | 🗑 Dump or Landfill | PLOTS | |
| ■ Macro-Corridors | | | | |

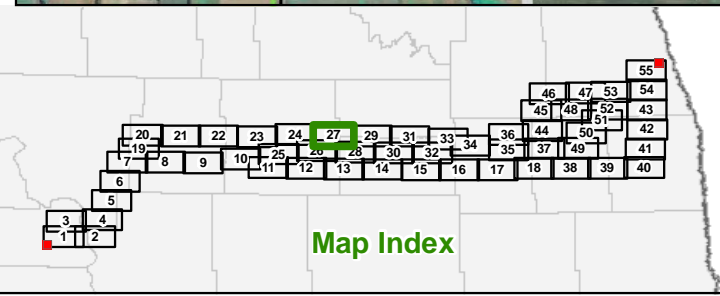
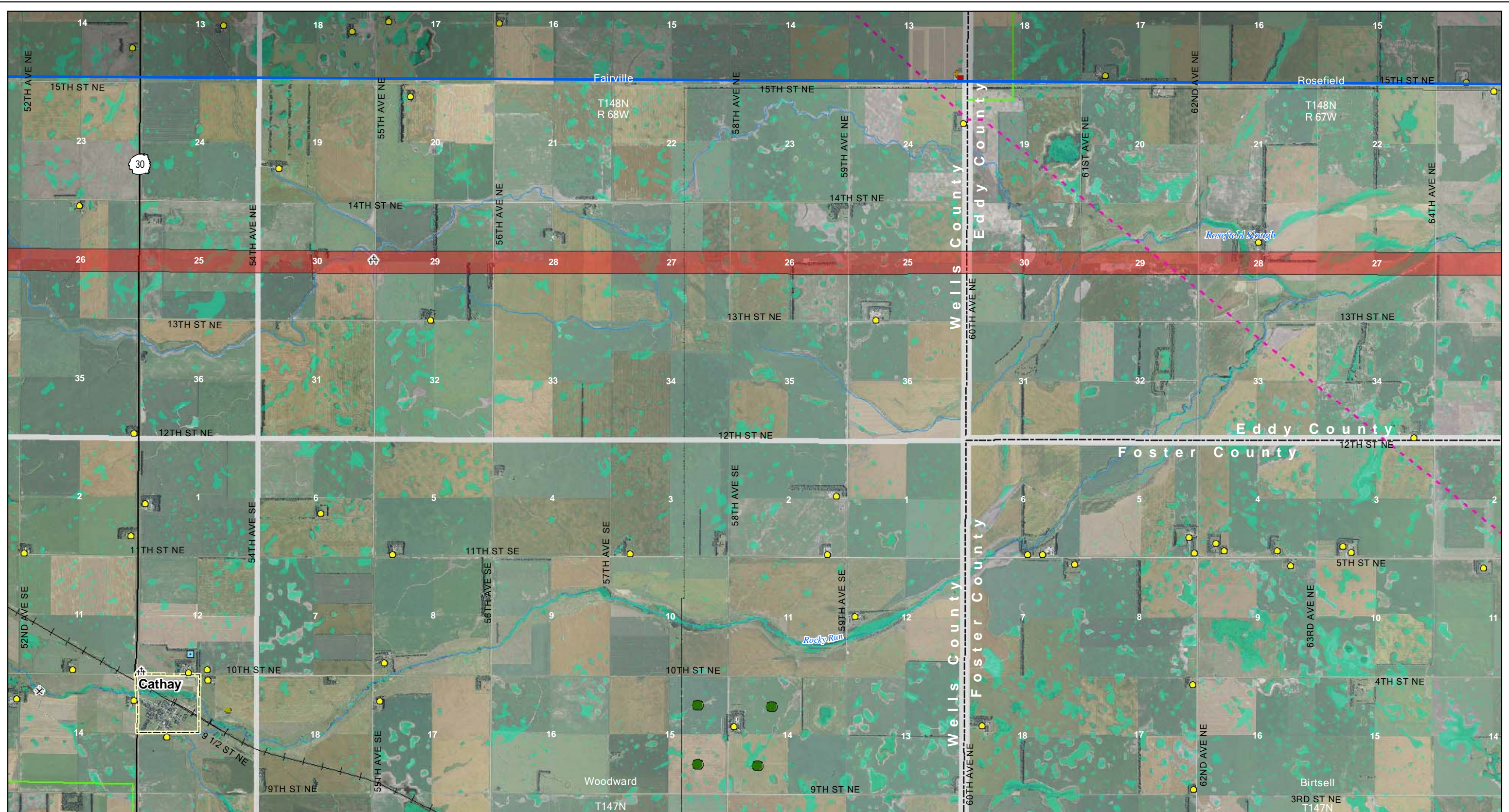


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|------------------------|-----------------------------|---------------------------|------------------------------------|
| Proposed Routes | ■ Substation | — Gas or Oil Pipeline | ● Pivot Irrigation |
| ■ Route A | Existing Transmission Lines | — Proposed Water Pipeline | State Park, Recreation Area or WMA |
| ■ Route B | — 400 kV DC | ● Wind Turbine | ■ USFWS WPA or WDA |
| ■ Route C | — 345 kV AC | ● Home | ■ USFWS NWR |
| ■ Multiple Routes | — 250 kV DC | † Cemetery | ■ TNC Preserve |
| ■ Segment | — 230 kV AC | ■ Recreation | ■ USBOR or USACE Land |
| ■ Alternative | — 115 kV or less AC | ⊗ Gravel Pit or Mine | ■ State Surface Tract |
| ■ 230 kV Tie Line | ◆ Communication Tower | ■ Dump or Landfill | ■ PLOTS |
| ■ Macro-Corridors | | | |
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|-----------------------|--------------------------|
| — North Country Trail | — Snowmobile Trail |
| ✈ Public Airport | ✈ Private Airport |
| ■ Incorporated Area | — River, Stream or Canal |
| ■ NWI Wetland | |

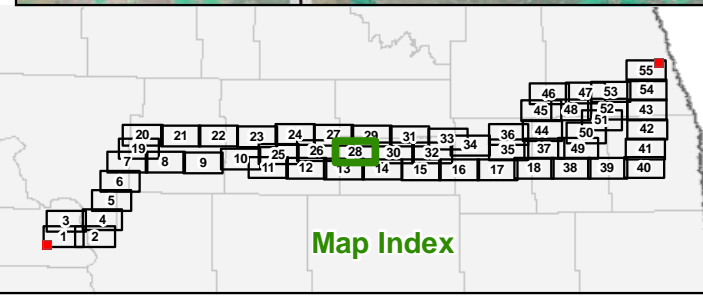
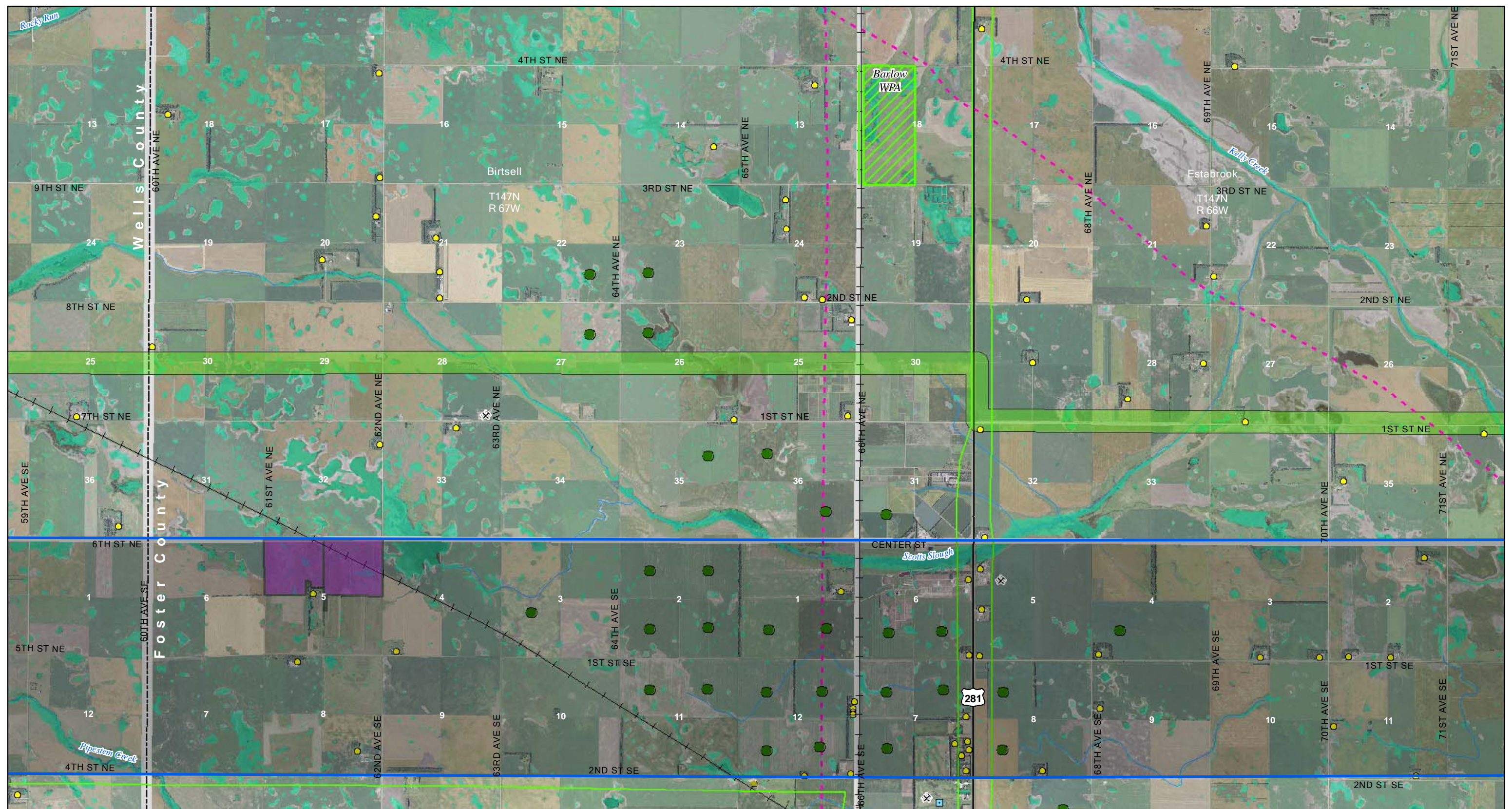
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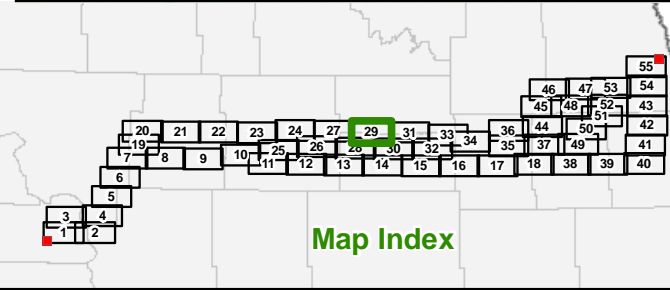
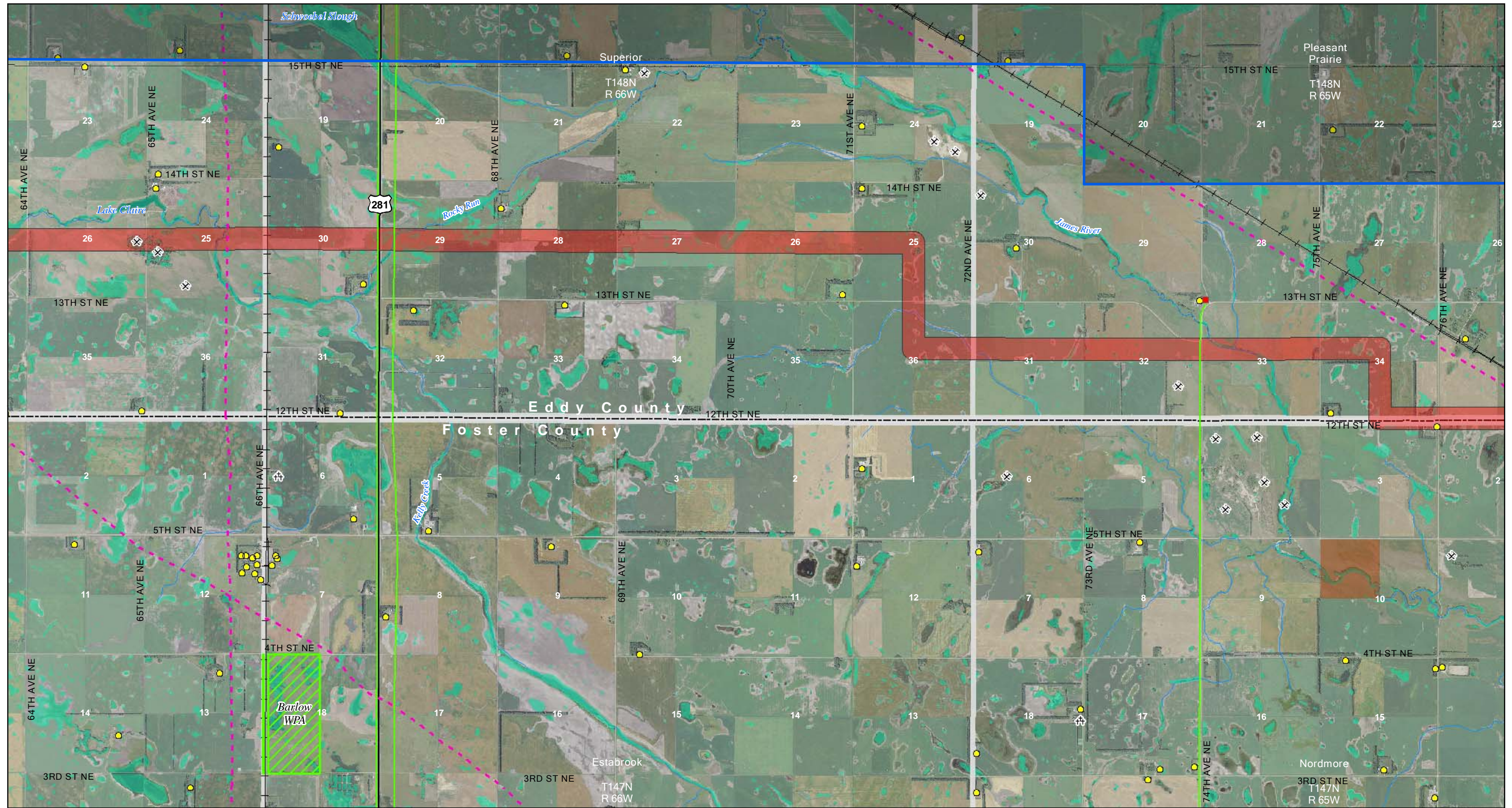
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|------------------------|-------------------------------|---------------------------|--------------------------------------|
| Proposed Routes | ■ Substation | — Gas or Oil Pipeline | ● Pivot Irrigation |
| ■ Route A | — Existing Transmission Lines | — Proposed Water Pipeline | ■ State Park, Recreation Area or WMA |
| ■ Route B | — 400 kV DC | — Wind Turbine | ■ USFWS WPA or WDA |
| ■ Route C | — 345 kV AC | ● Home | ■ USFWS NWR |
| ■ Multiple Routes | — 250 kV DC | † Cemetery | ■ TNC Preserve |
| ■ Segment | — 230 kV AC | ■ Recreation | ■ USBOR or USACE Land |
| ■ Alternative | — 115 kV or less AC | ⊗ Gravel Pit or Mine | ■ State Surface Tract |
| ■ 230 kV Tie Line | ◆ Communication Tower | ■ Dump or Landfill | ■ PLOTS |
| ■ Macro-Corridors | | | |
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| — North Country Trail | — Snowmobile Trail |
| — Public Airport | — Private Airport |
| — Incorporated Area | — River, Stream or Canal |
| — NWI Wetland | |

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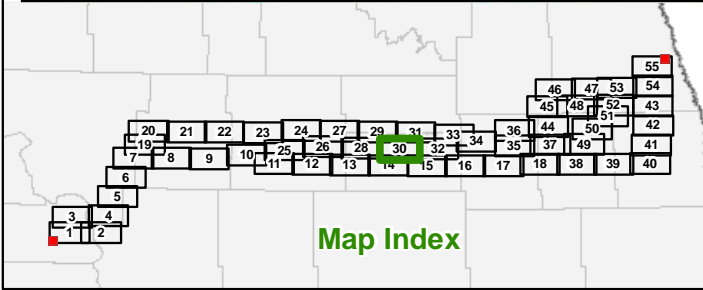
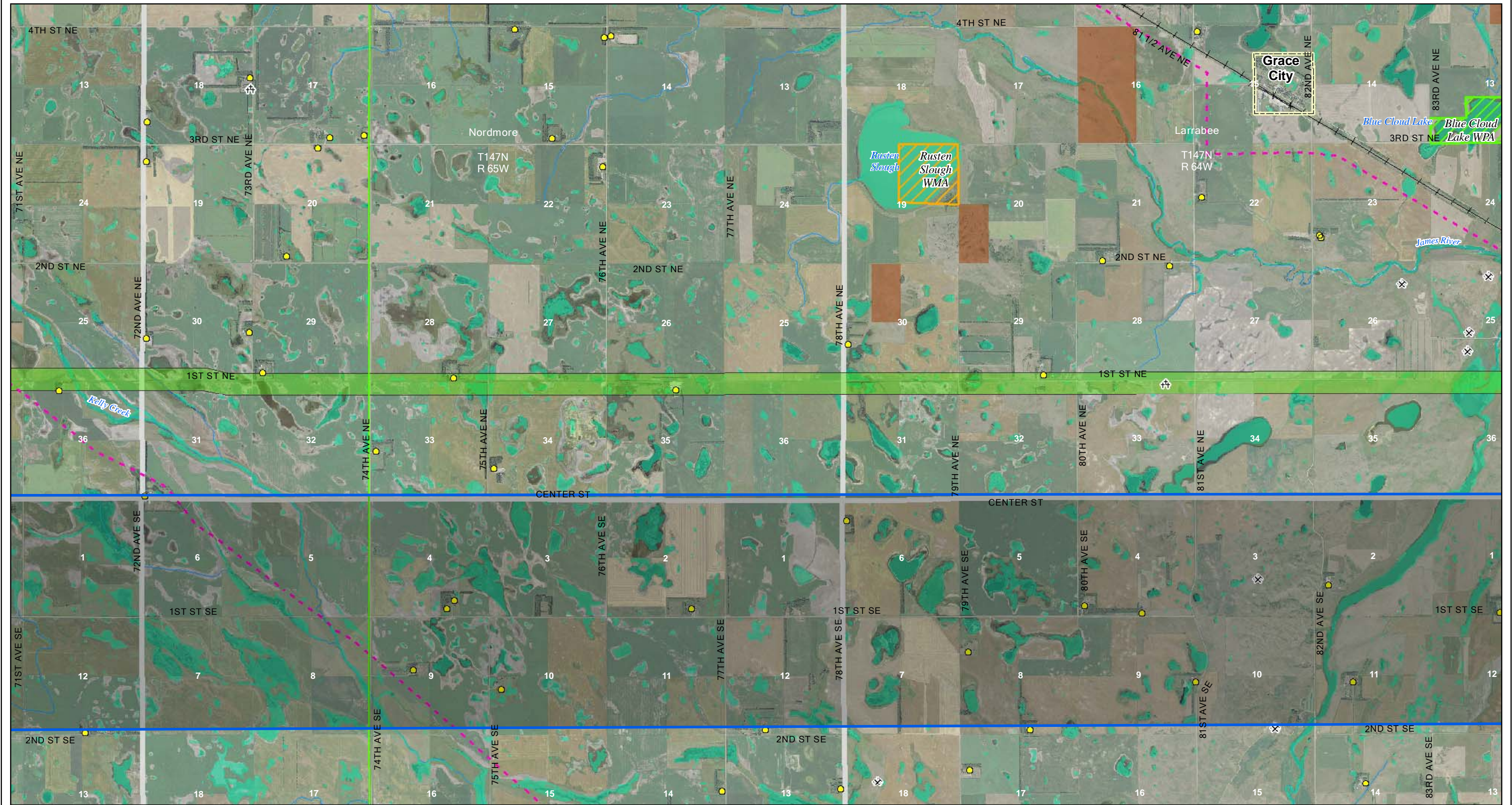


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|------------------------|-----------------------------|-----------------------------|------------------------------------|-------------------------|
| Proposed Routes | ■ Substation | --- Gas or Oil Pipeline | ● Pivot Irrigation | --- North Country Trail |
| Route A | Existing Transmission Lines | --- Proposed Water Pipeline | State Park, Recreation Area or WMA | --- Snowmobile Trail |
| Route B | 400 kV DC | ● Wind Turbine | USFWS WPA or WDA | Public Airport |
| Route C | 345 kV AC | ● Home | USFWS NWR | Private Airport |
| Multiple Routes | 250 kV DC | † Cemetery | TNC Preserve | Incorporated Area |
| Segment | 230 kV AC | □ Recreation | USBOR or USACE Land | River, Stream or Canal |
| Alternative | 115 kV or less AC | ⊗ Gravel Pit or Mine | State Surface Tract | NWI Wetland |
| 230 kV Tie Line | ◇ Communication Tower | ● Dump or Landfill | PLOTS | |
| Macro-Corridors | | | | |

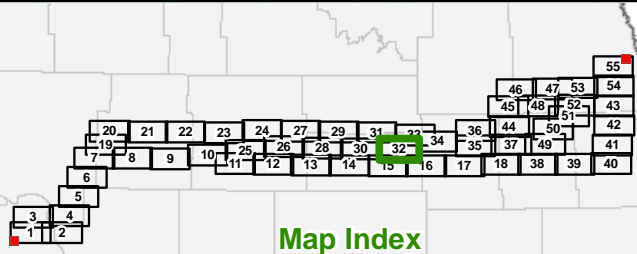
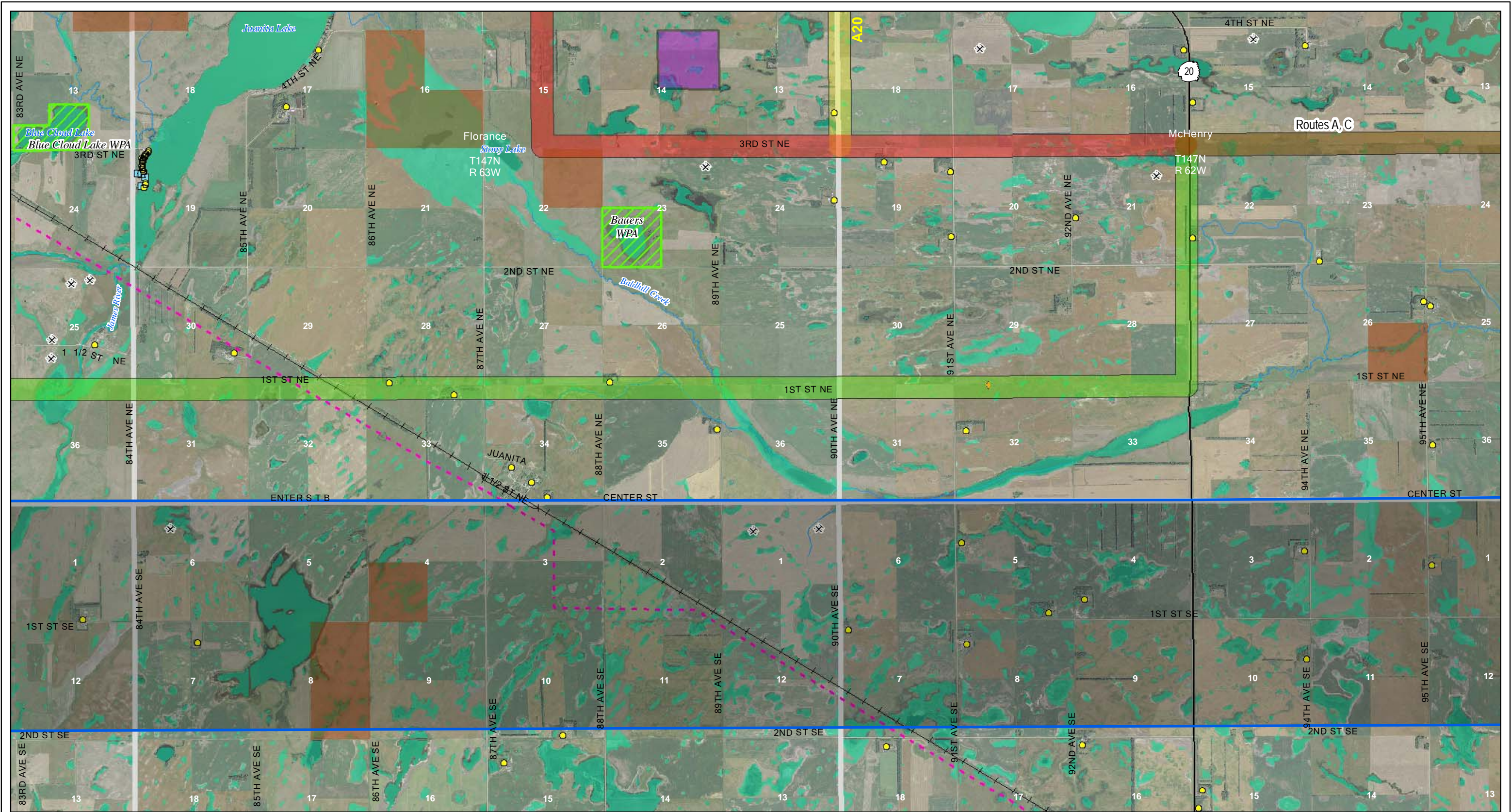
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- | Proposed Routes | | Existing Transmission Lines | | Gas or Oil Pipeline | | Proposed Water Pipeline | | Pivot Irrigation | | State Park, Recreation Area or WMA | | USFWS WPA or WDA | | USFWS NWR | | TNC Preserve | | USBOR or USACE Land | | State Surface Tract | | PLOTS | | | | | | | | |
|-----------------|---------|-----------------------------|-----------------|---------------------|-------------|-------------------------|-----------------|------------------|-----------|------------------------------------|-----------|-------------------|---------------------|------------|-----------|--------------|-----------|---------------------|-------------------|---------------------|---------------------|-------------------------|------------------|------------------------------------|------------------|-----------|--------------|---------------------|---------------------|-------|
| Route A | Route B | Route C | Multiple Routes | Segment | Alternative | 230 kV Tie Line | Macro-Corridors | 400 kV DC | 345 kV AC | 250 kV DC | 230 kV AC | 115 kV or less AC | Communication Tower | Substation | 400 kV DC | 345 kV AC | 250 kV DC | 230 kV AC | 115 kV or less AC | Communication Tower | Gas or Oil Pipeline | Proposed Water Pipeline | Pivot Irrigation | State Park, Recreation Area or WMA | USFWS WPA or WDA | USFWS NWR | TNC Preserve | USBOR or USACE Land | State Surface Tract | PLOTS |



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|------------------------|-----------------------------|---------------------------|------------------------------------|--------------------------|
| Proposed Routes | ■ Substation | — Gas or Oil Pipeline | ● Pivot Irrigation | — North Country Trail |
| Route A | Existing Transmission Lines | — Proposed Water Pipeline | State Park, Recreation Area or WMA | — Snowmobile Trail |
| Route B | 400 kV DC | ★ Wind Turbine | USFWS WPA or WDA | ✈ Public Airport |
| Route C | 345 kV AC | ● Home | USFWS NWR | ✈ Private Airport |
| Multiple Routes | 250 kV DC | † Cemetery | TNC Preserve | 🏠 Incorporated Area |
| Segment | 230 kV AC | 🏠 Recreation | USBOR or USACE Land | — River, Stream or Canal |
| Alternative | 115 kV or less AC | ⛏ Gravel Pit or Mine | State Surface Tract | 🌿 NWI Wetland |
| 230 kV Tie Line | 📶 Communication Tower | 🗑 Dump or Landfill | PLOTS | |
| Macro-Corridors | | | | |



Proposed Routes

- Route A
- Route B
- Route C
- Multiple Routes
- Segment
- Alternative
- 230 kV Tie Line
- Macro-Corridors

Existing Transmission Lines

- 400 kV DC
- 345 kV AC
- 250 kV DC
- 230 kV AC
- 115 kV or less AC
- Communication Tower

Gas or Oil Pipeline

- Proposed Water Pipeline
- Wind Turbine
- Home
- Cemetery
- Recreation
- Gravel Pit or Mine
- Dump or Landfill

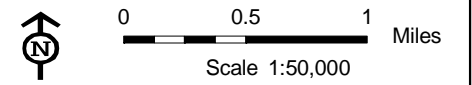
Pivot Irrigation

- State Park, Recreation Area or WMA
- USFWS WPA or WDA
- USFWS NWR
- TNC Preserve
- USBOR or USACE Land
- State Surface Tract
- PLOTS

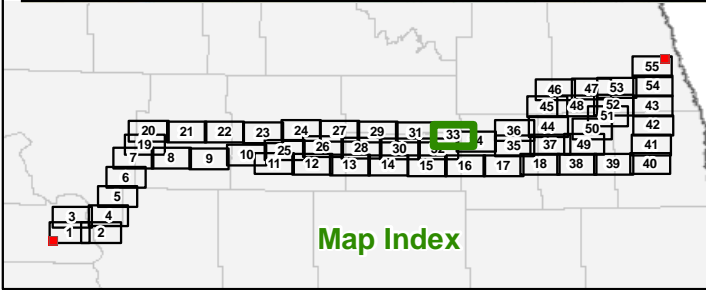
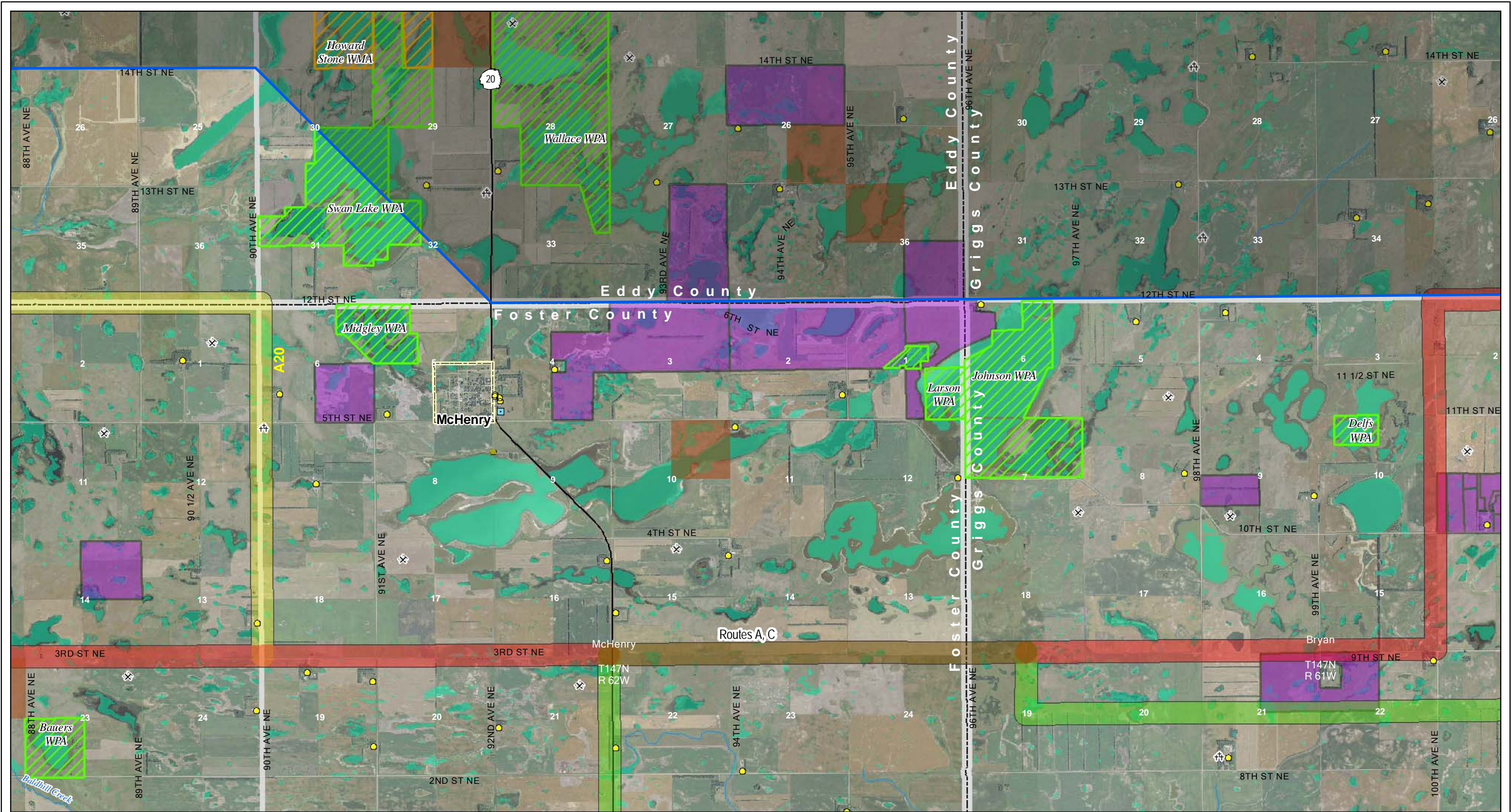
North Country Trail

- Snowmobile Trail
- Public Airport
- Private Airport
- Incorporated Area
- River, Stream or Canal
- NWI Wetland

Appendix B: Page 32 of 55
Detailed Route Maps
Center to Grand Forks Project
Environmental Assessment

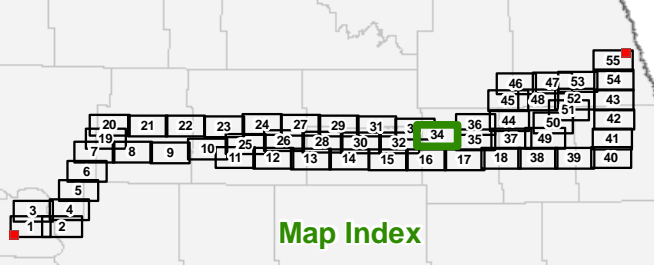
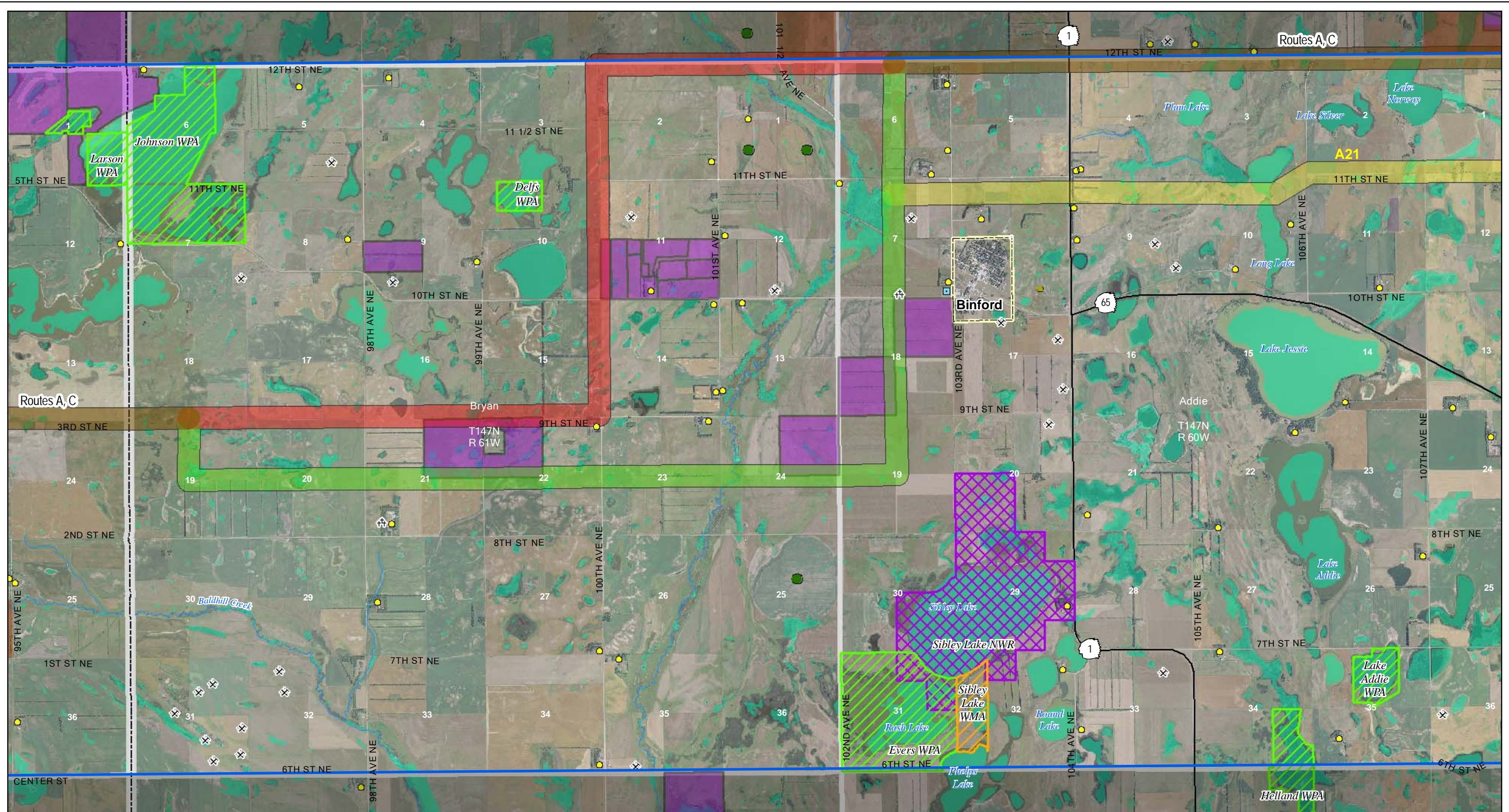


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|------------------------|---------------------|----------------------------|------------------------------------|----------------------------|
| Proposed Routes | Substation | Gas or Oil Pipeline | Pivot Irrigation | North Country Trail |
| Route A | 400 kV DC | Proposed Water Pipeline | State Park, Recreation Area or WMA | Snowmobile Trail |
| Route B | 345 kV AC | Wind Turbine | USFWS WPA or WDA | Public Airport |
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| 230 kV Tie Line | Communication Tower | Gravel Pit or Mine | State Surface Tract | NWI Wetland |
| Macro-Corridors | | Dump or Landfill | PLOTS | |

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|------------------------|-----------------------------|---------------------------|------------------------------------|
| Proposed Routes | ■ Substation | — Gas or Oil Pipeline | ● Pivot Irrigation |
| Route A | Existing Transmission Lines | — Proposed Water Pipeline | State Park, Recreation Area or WMA |
| Route B | 400 kV DC | ✱ Wind Turbine | USFWS WPA or WDA |
| Route C | 345 kV AC | ● Home | USFWS NWR |
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| Macro-Corridors | | | |
- | | |
|---------------------|------------------------|
| North Country Trail | — Snowmobile Trail |
| Public Airport | Private Airport |
| Incorporated Area | River, Stream or Canal |
| NWI Wetland | |

Appendix B: Page 34 of 55
Detailed Route Maps
Center to Grand Forks Project
Environmental Assessment

0 0.5 1 Miles
Scale 1:50,000