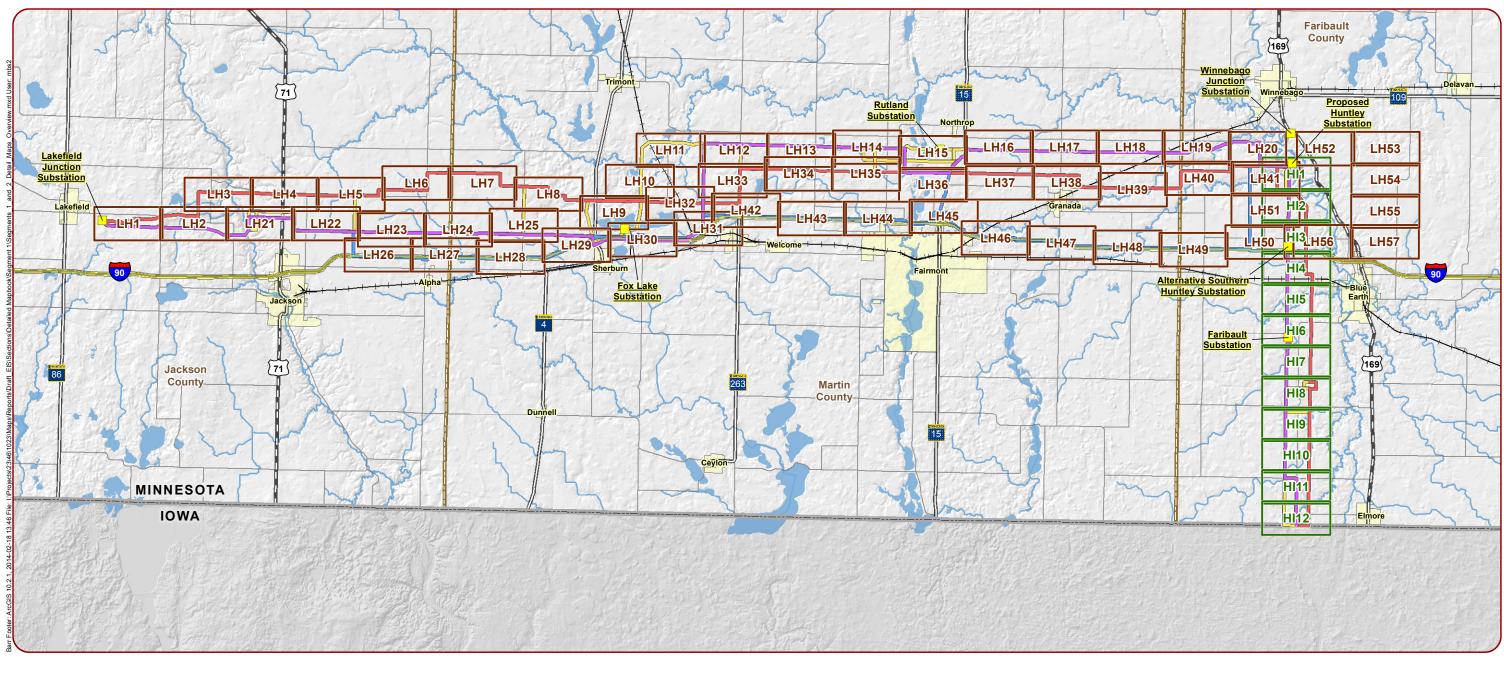
ITCM Minnesota - Iowa 345 kV Transmission Line Project Draft Environmental Impact Statement

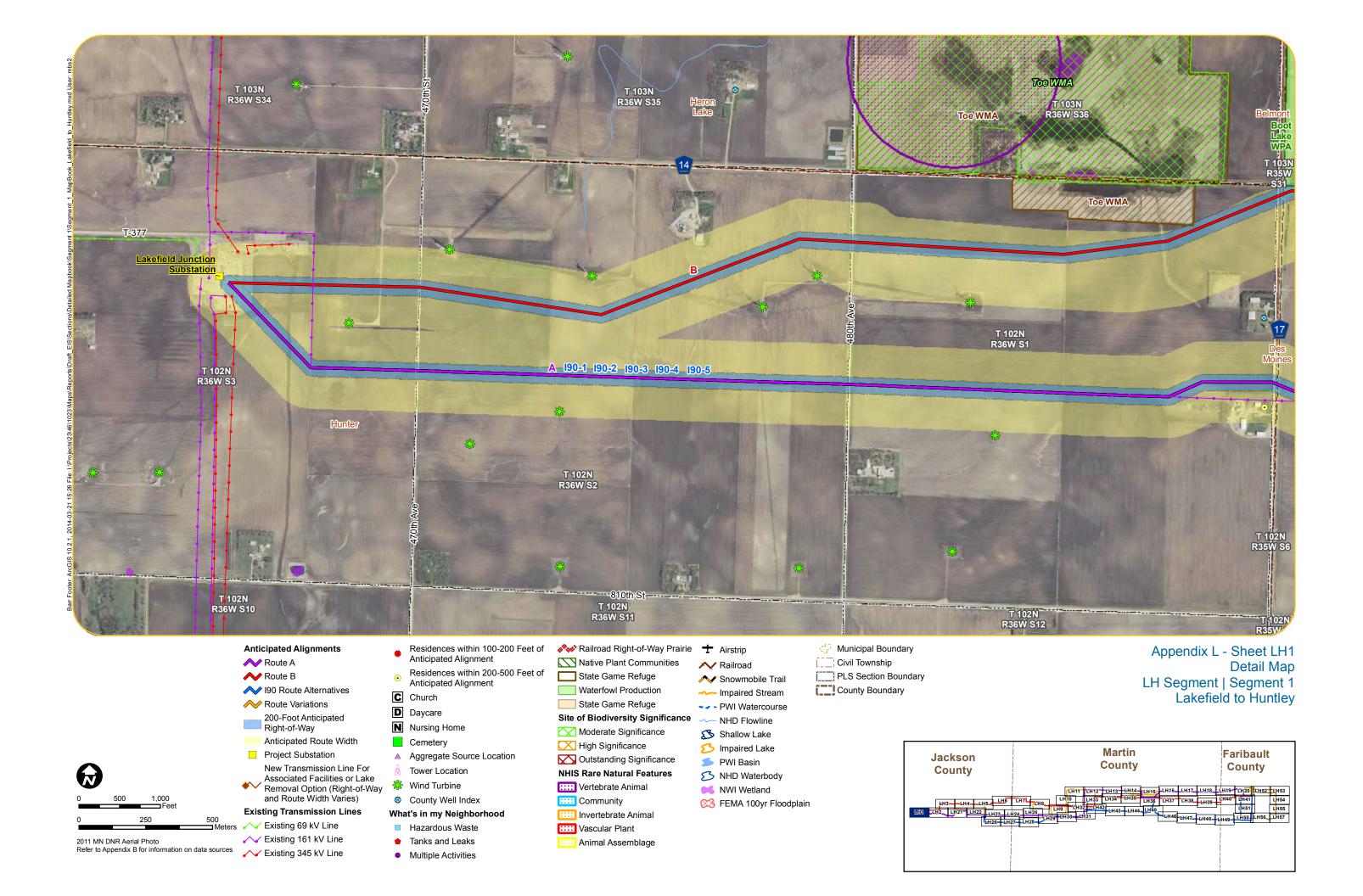
Appendix L Map Book

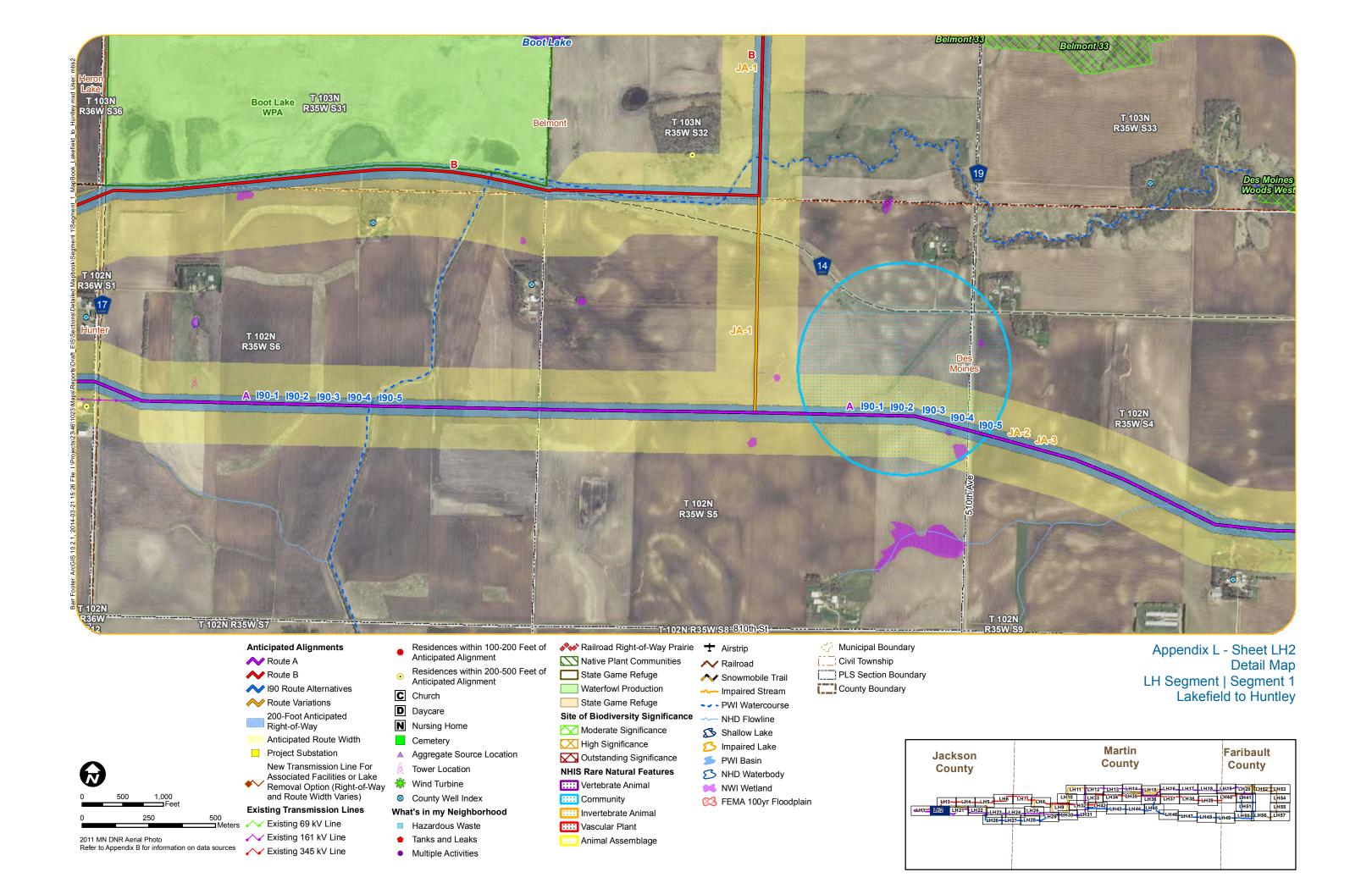


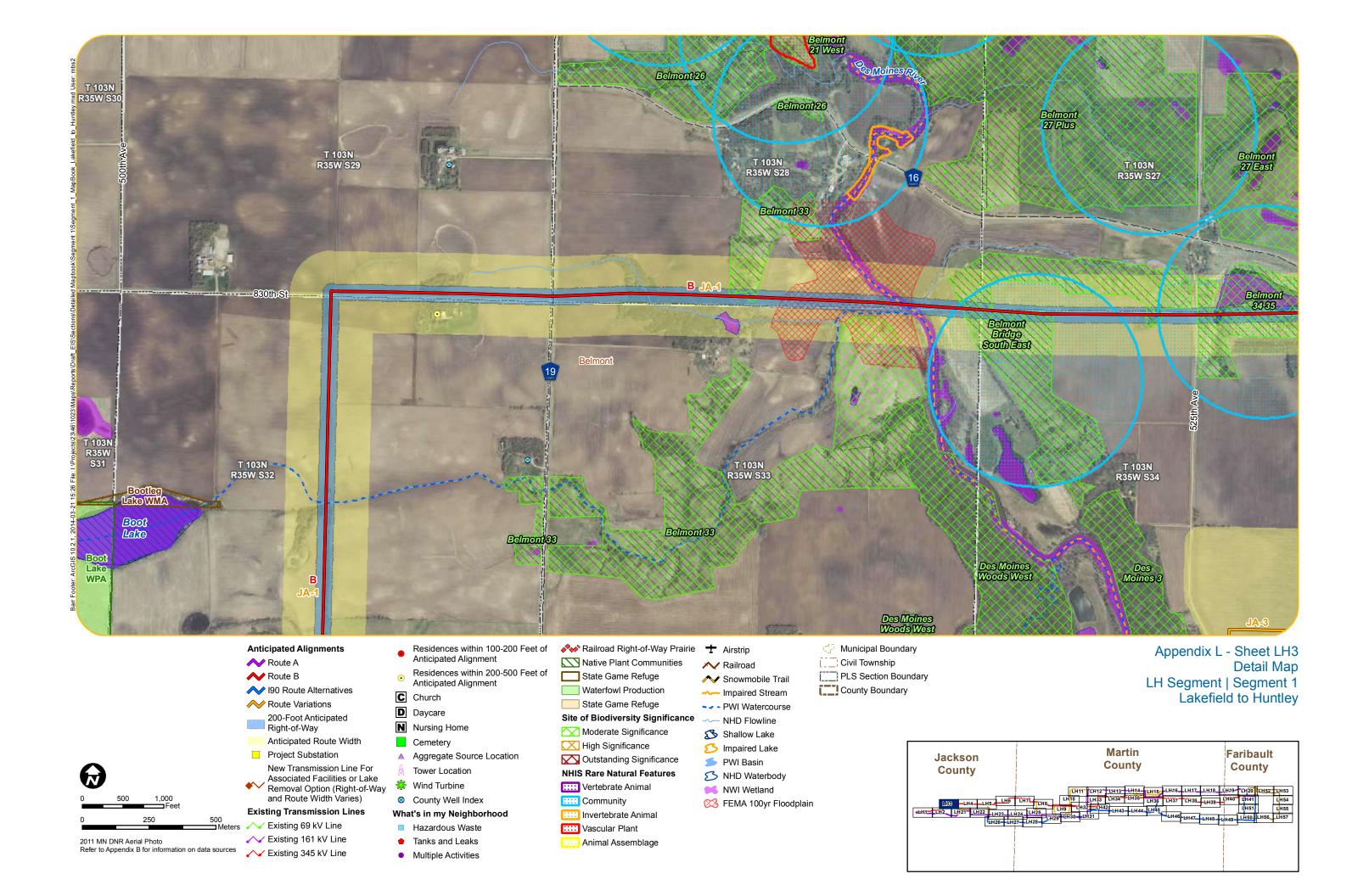


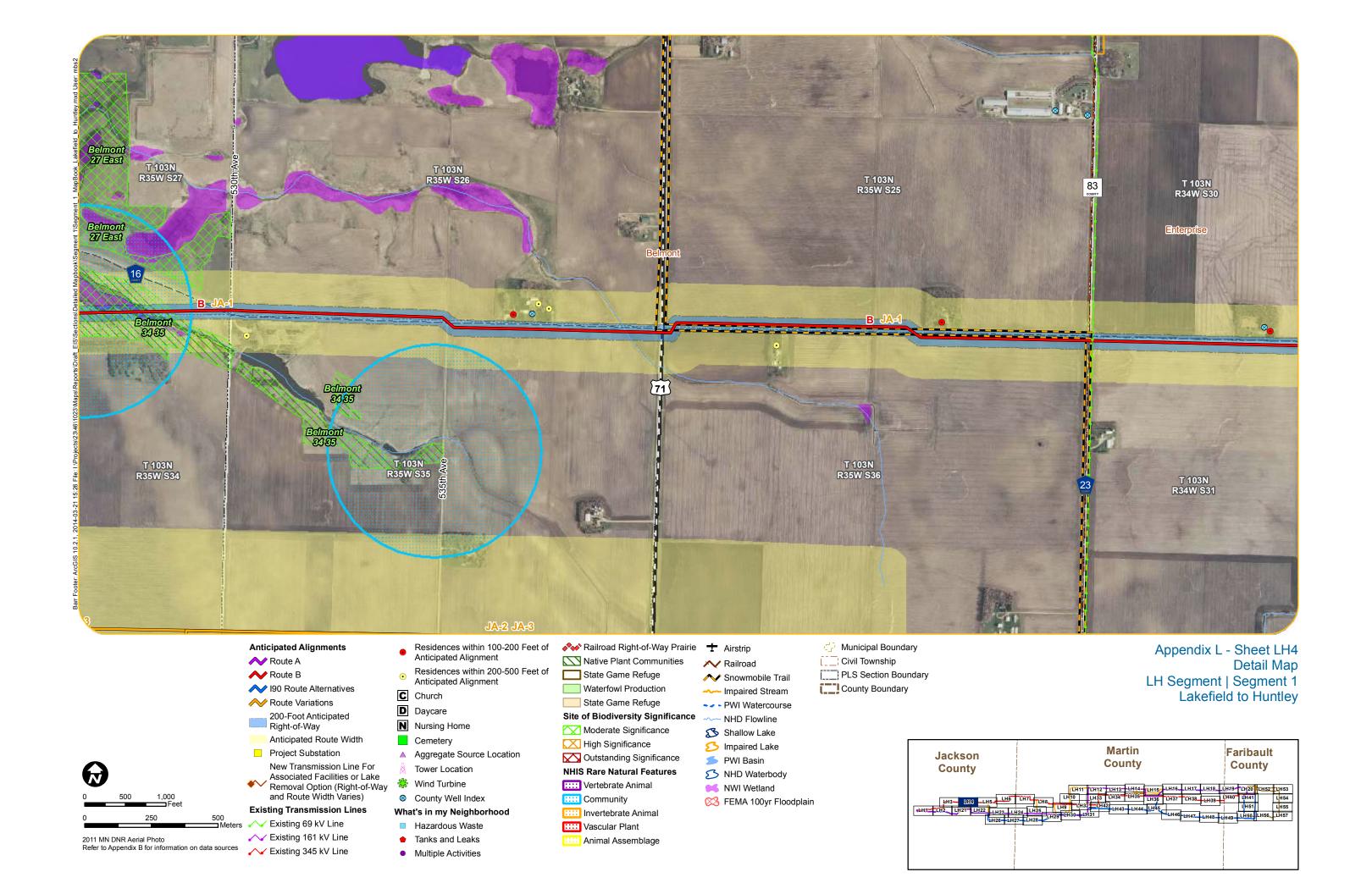


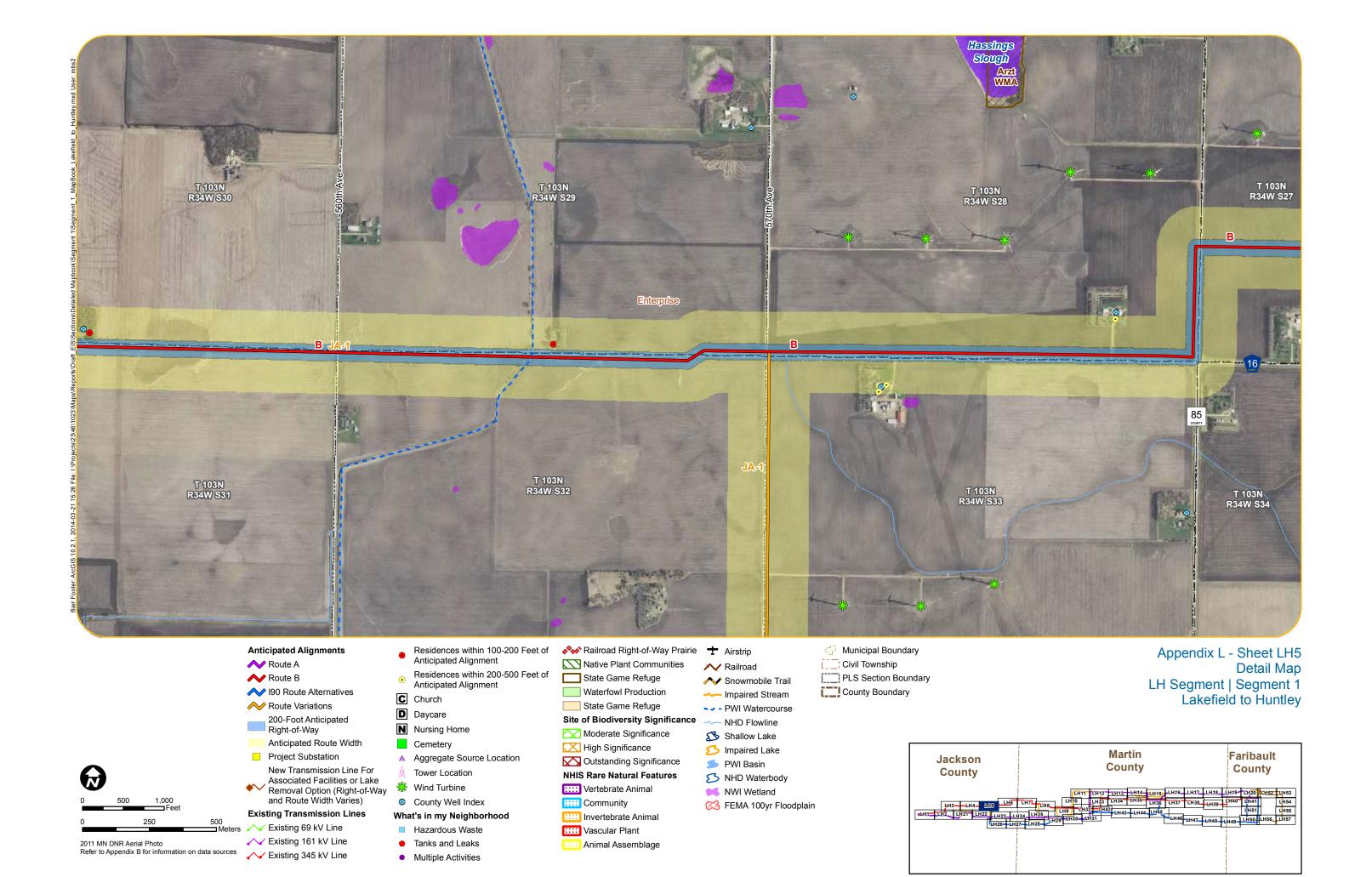
Appendix L
Overview Map
LH & HI Segments | Segments 1 & 2
Lakefield to Huntley & Huntley to Iowa Border

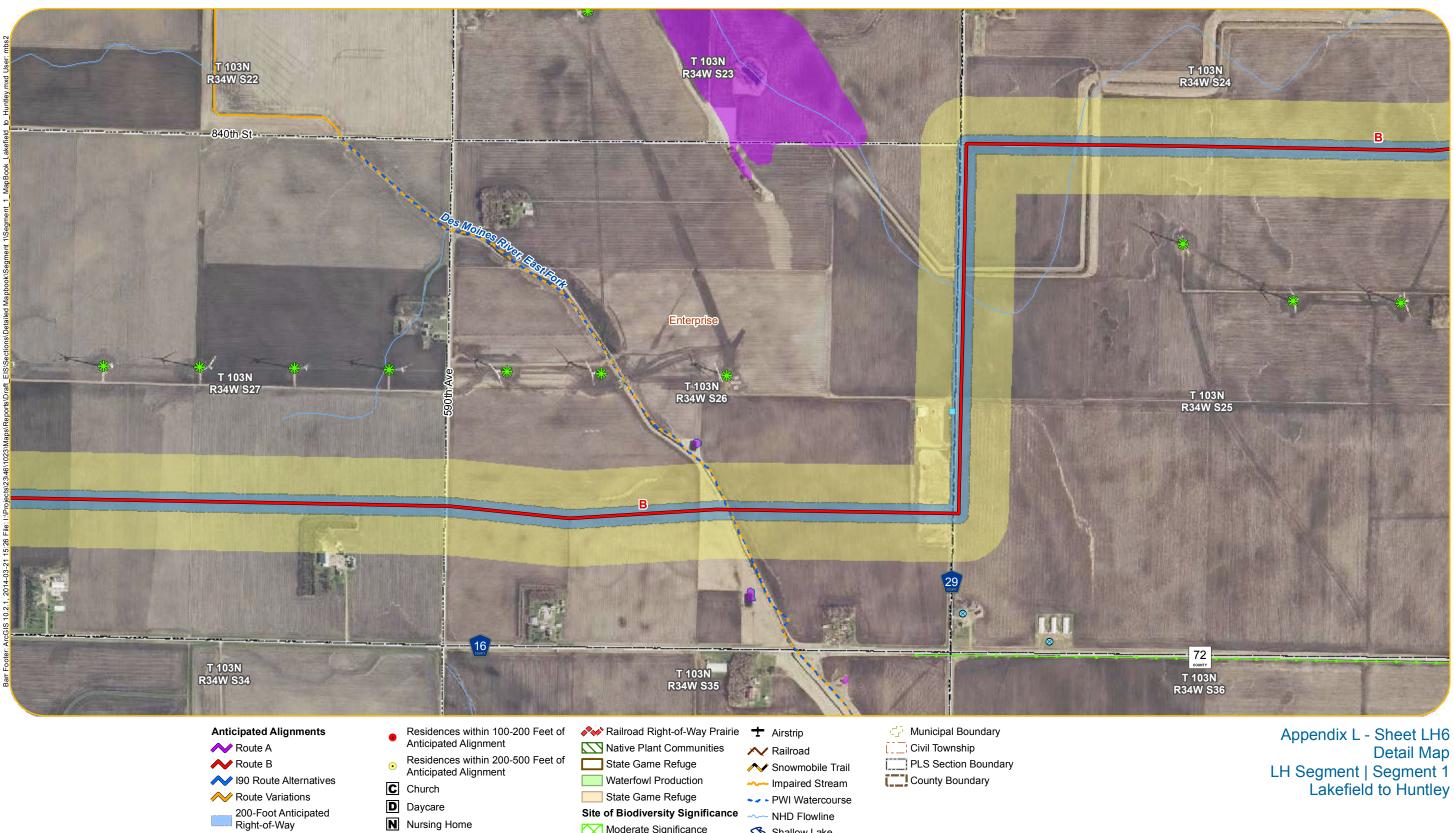


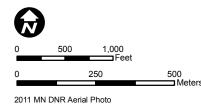












2011 MN DNR Aerial Photo
Refer to Appendix B for information on data sources

Existing 161 KV Line

Existing 345 kV Line

Anticipated Route Width

Project Substation

New Transmission Line For Associated Facilities or Lake
Removal Option (Right-of-Way and Route Width Varies)

Existing Transmission Lines

Existing 69 kV Line Existing 161 kV Line

Cemetery ▲ Aggregate Source Location

Tower Location

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What's in my Neighborhood Hazardous Waste

Tanks and Leaks

Multiple Activities

Moderate Significance

X High Significance Outstanding Significance

NHIS Rare Natural Features

:::: Vertebrate Animal Community

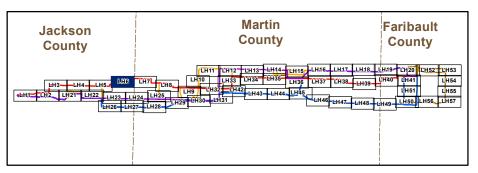
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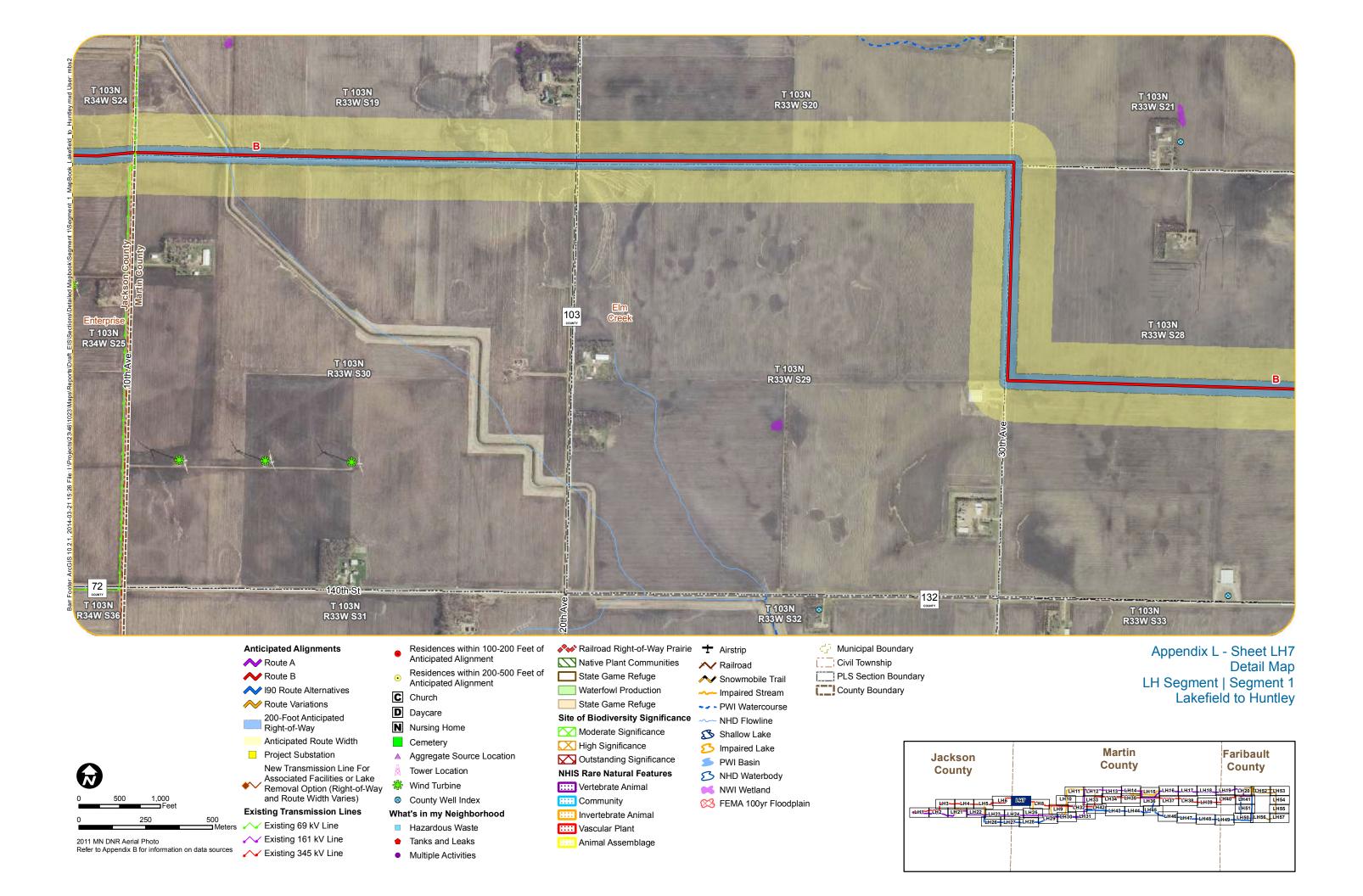
Wascular Plant Animal Assemblage Shallow Lake

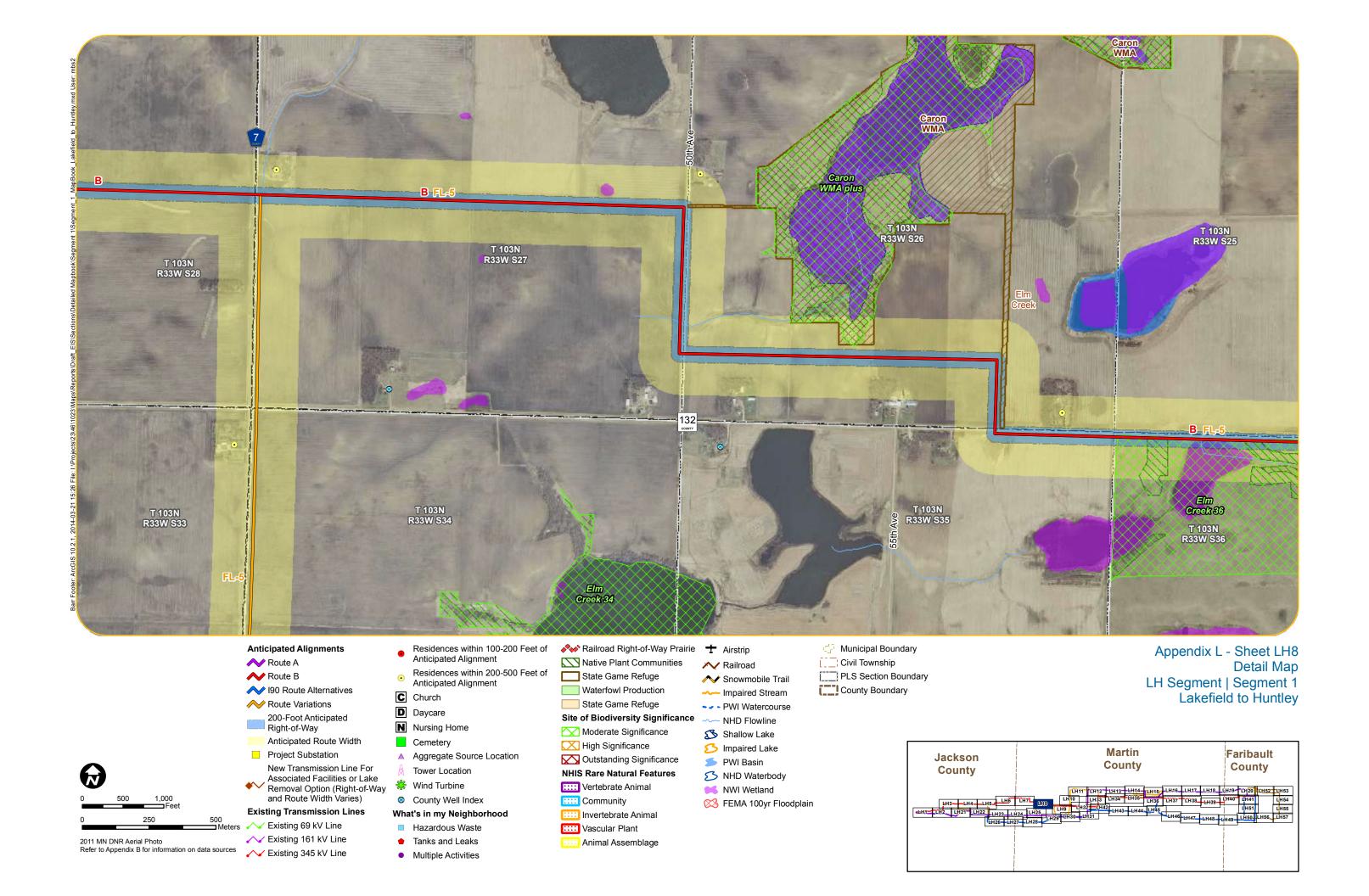
5 Impaired Lake PWI Basin

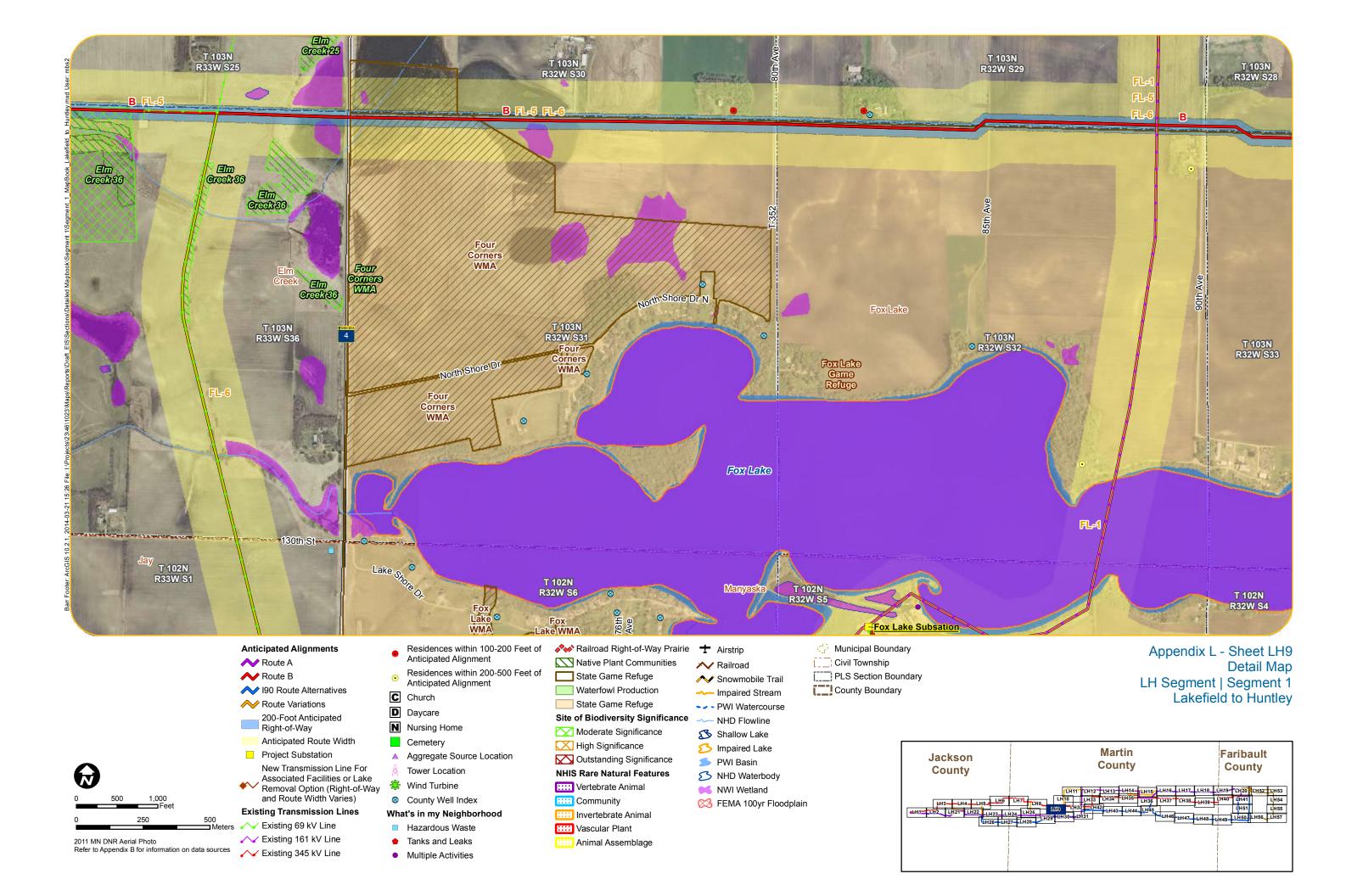
NHD Waterbody

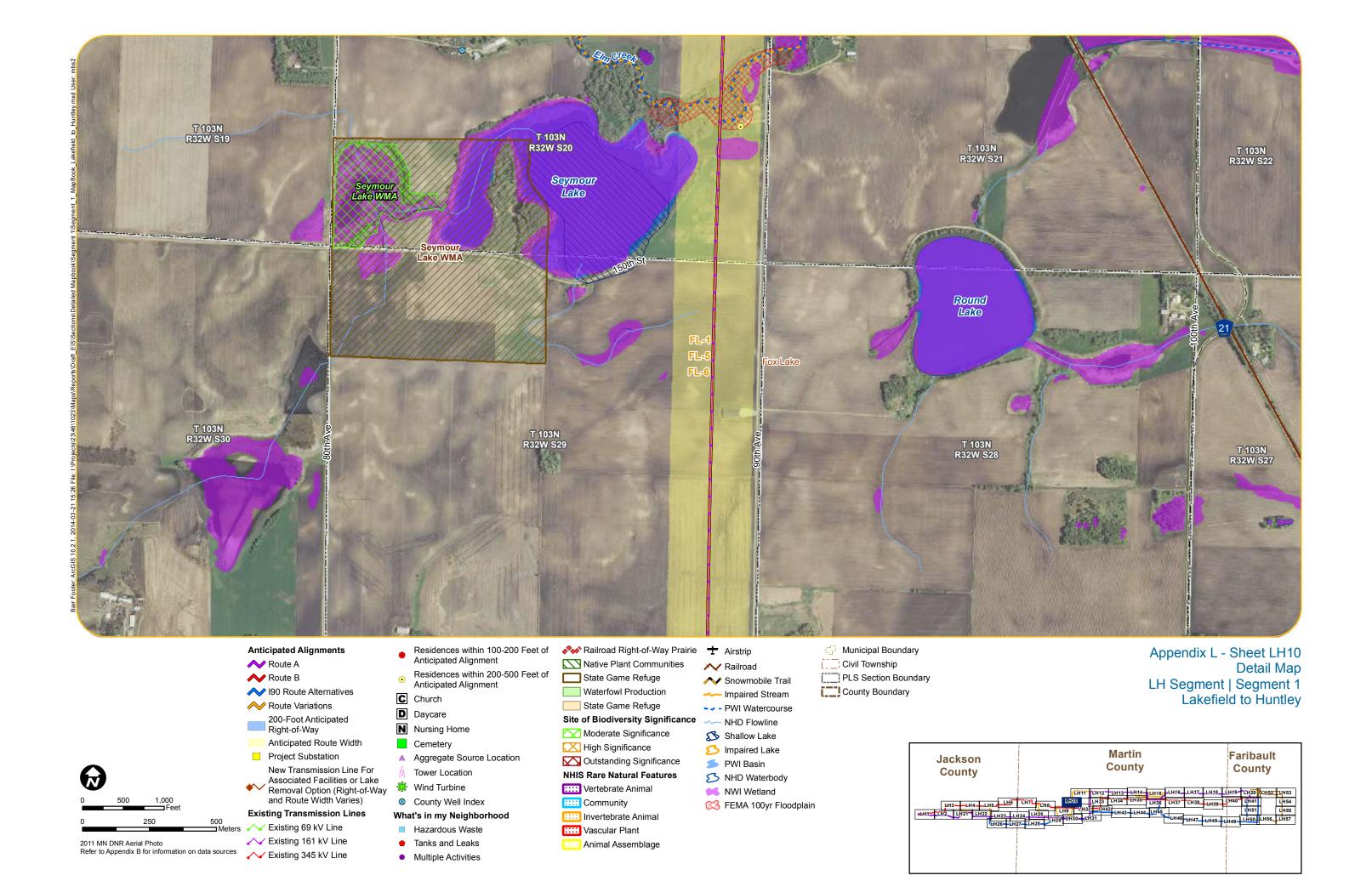
NWI Wetland

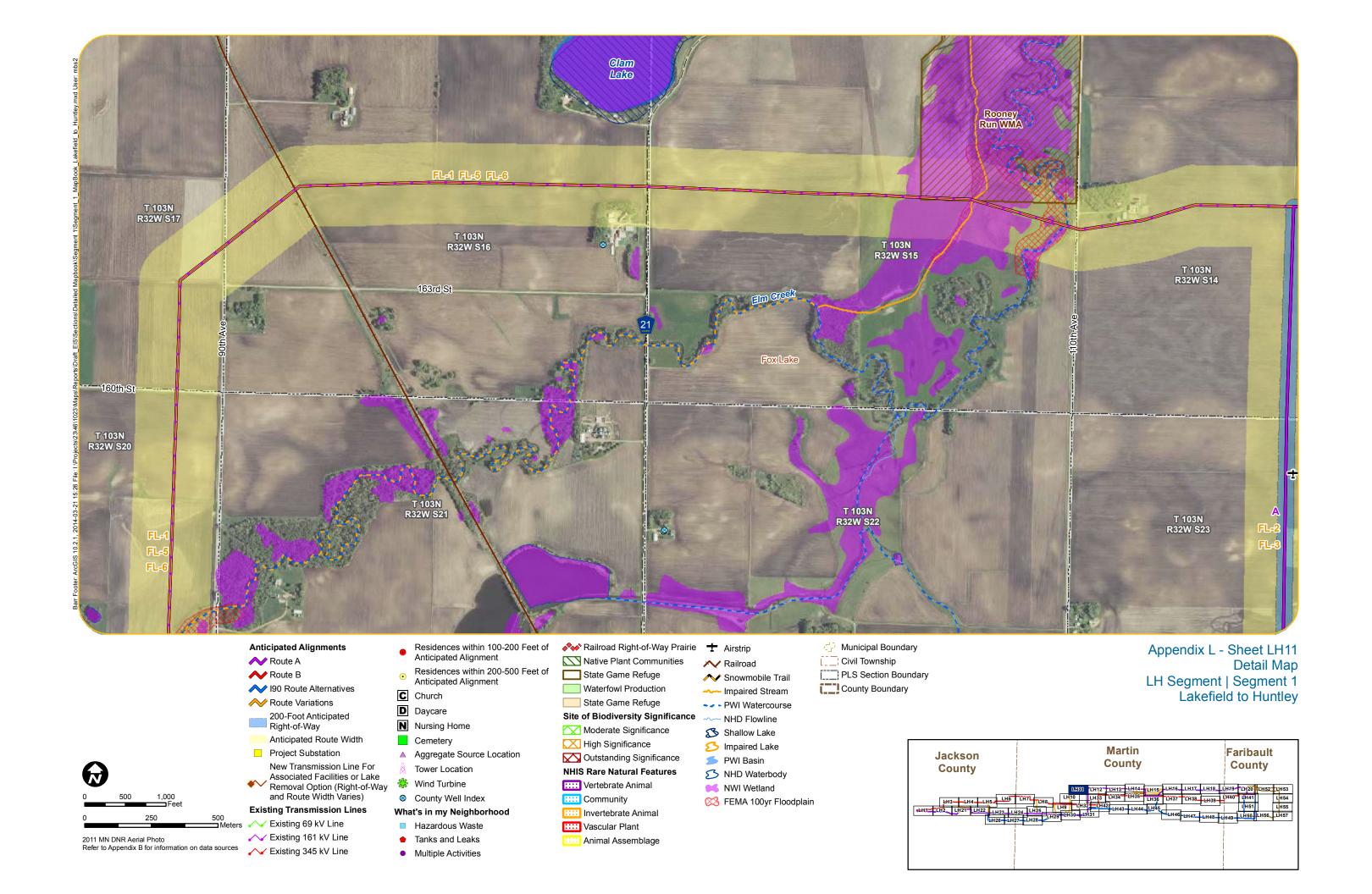


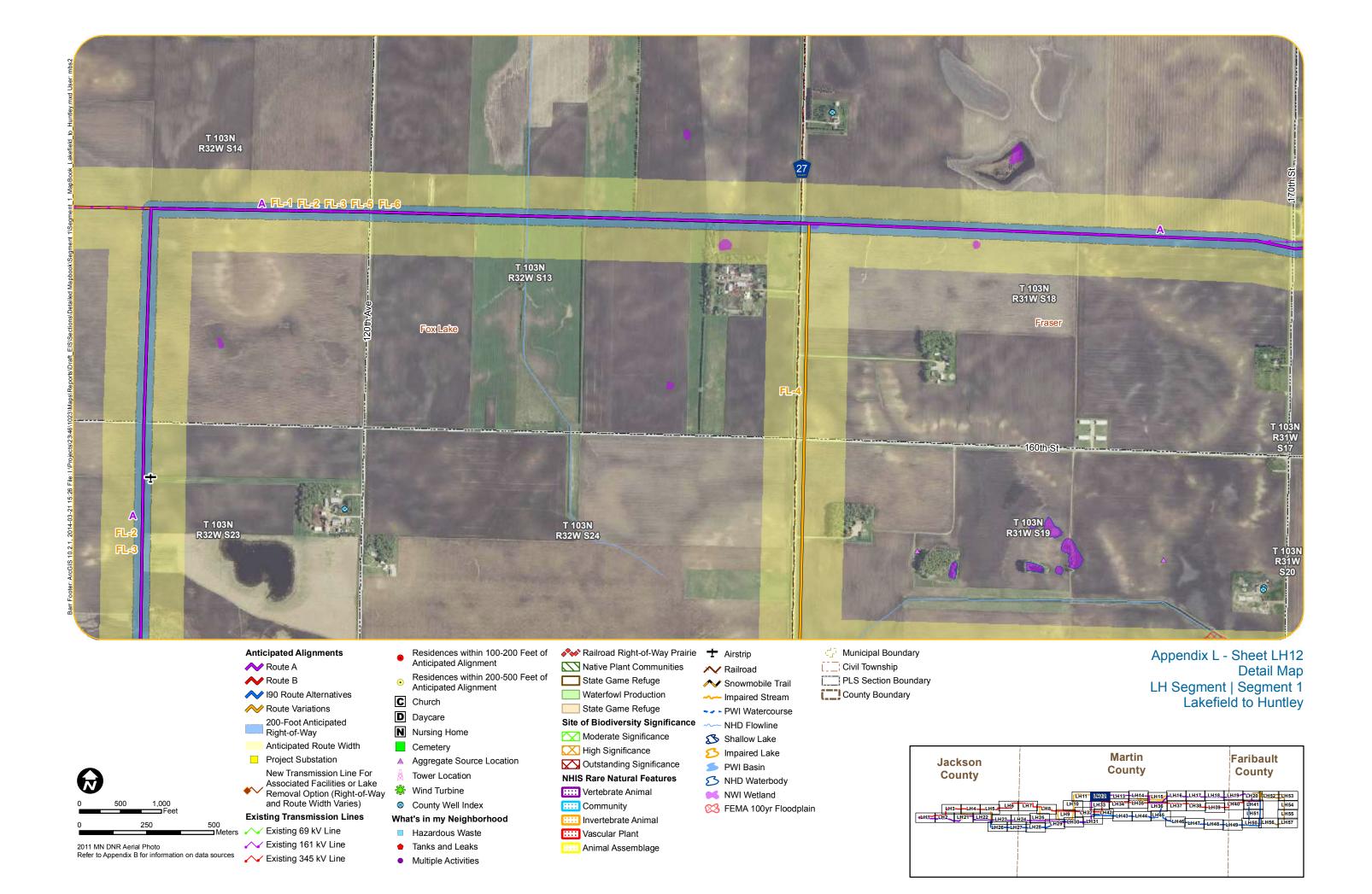


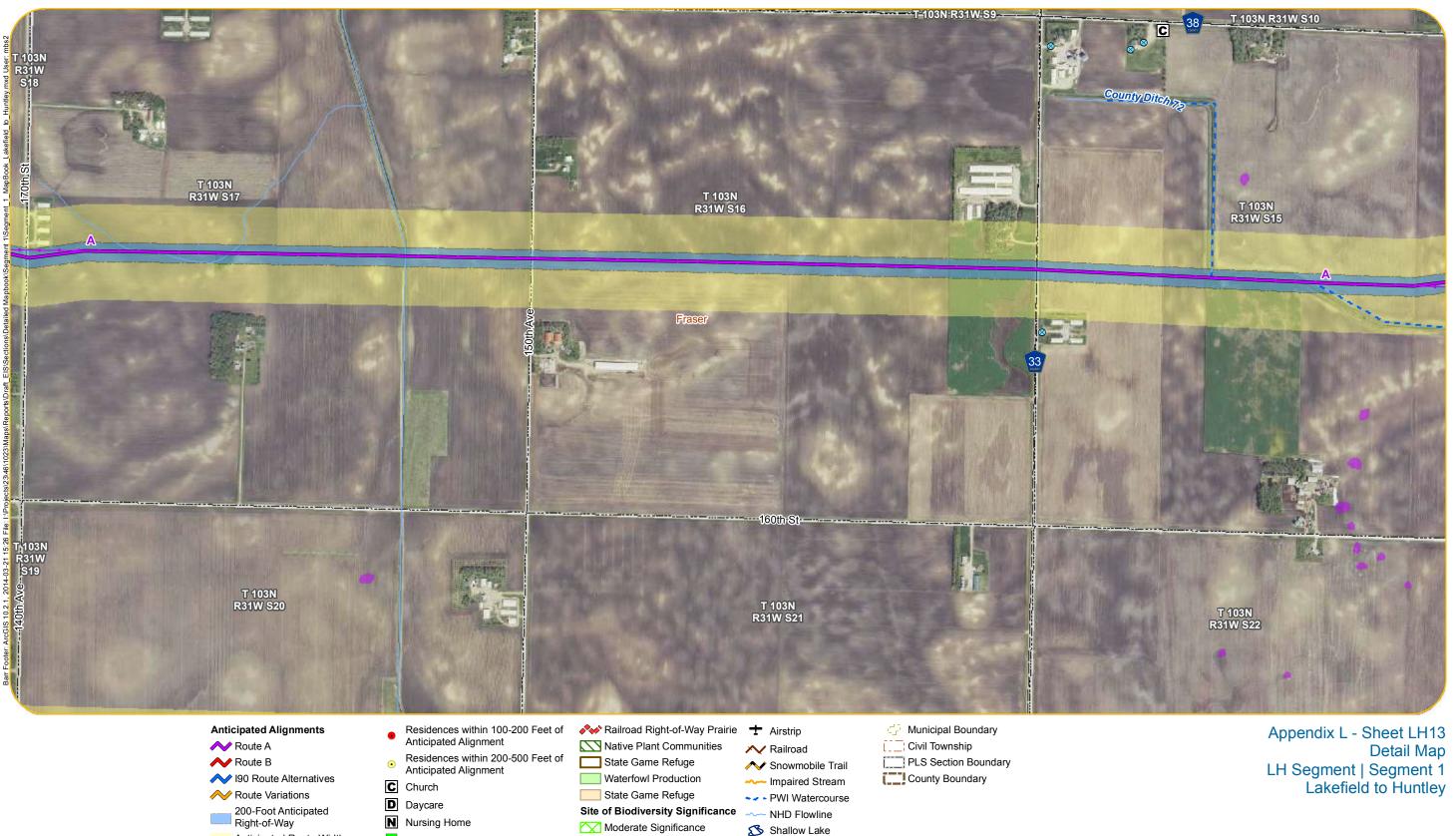


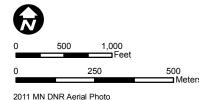












2011 MN DNR Aerial Photo
Refer to Appendix B for information on data sources

Existing 161 KV Line

Existing 345 kV Line

Anticipated Route Width Project Substation

New Transmission Line For Associated Facilities or Lake Removal Option (Right-of-Way

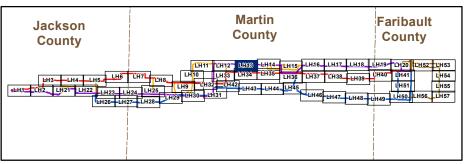
Existing Transmission Lines

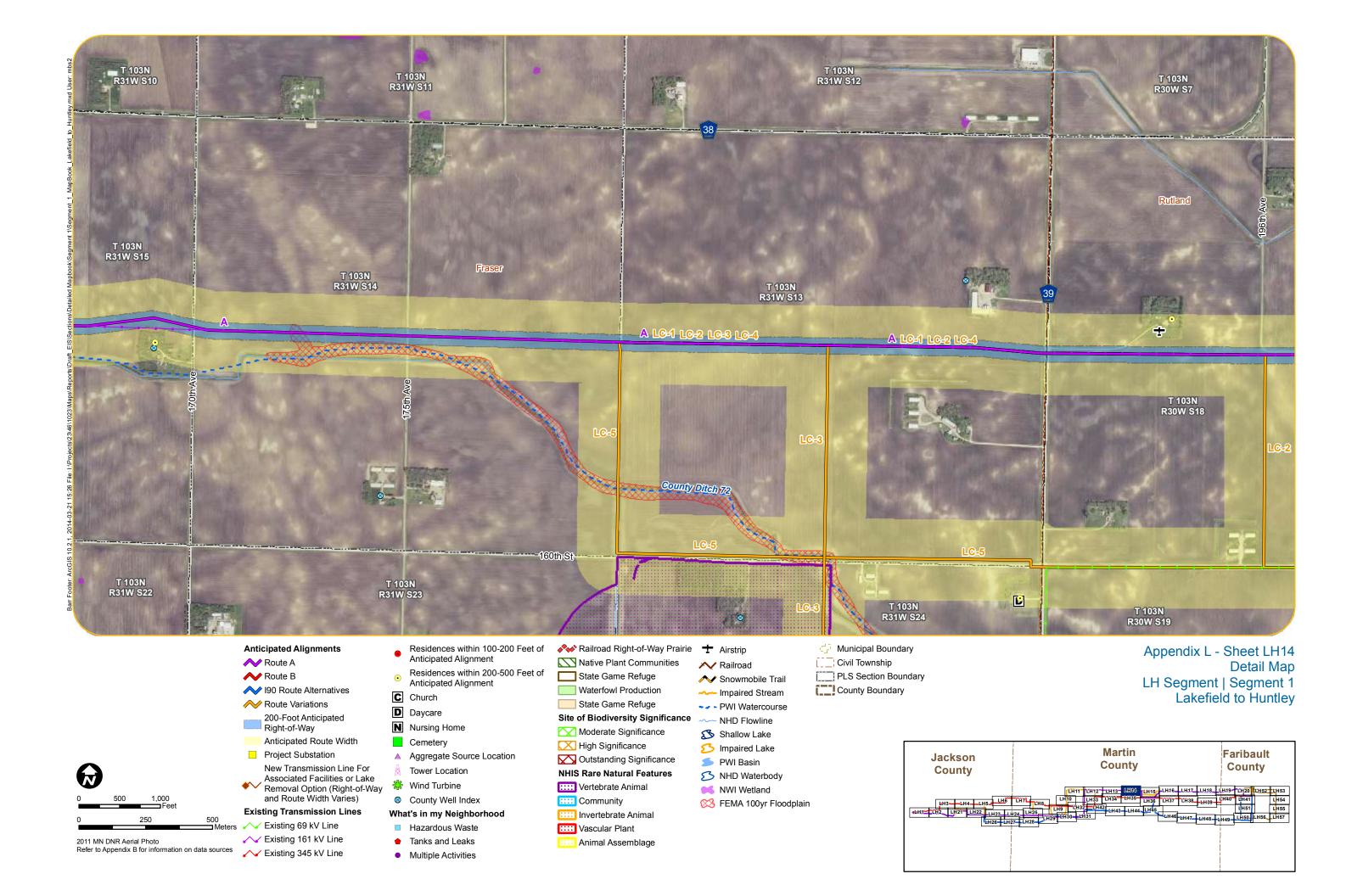
- Existing 69 kV Line
- Existing 161 kV Line
- and Route Width Varies)
- Cemetery
- ▲ Aggregate Source Location
- **Tower Location**
- **Wind Turbine**
 - County Well Index
 - What's in my Neighborhood Hazardous Waste
 - Tanks and Leaks Multiple Activities

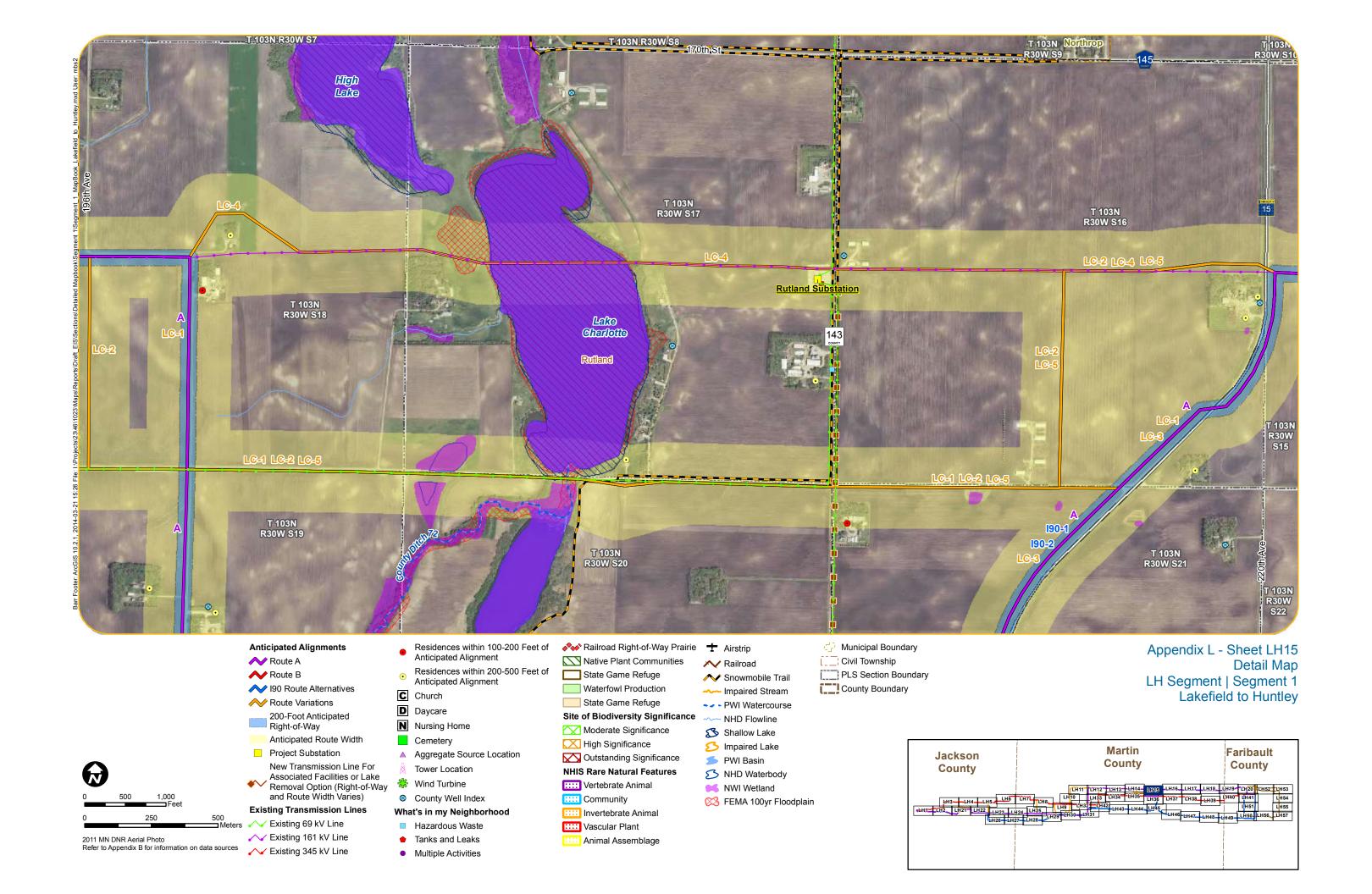
- X High Significance
- Outstanding Significance
- **NHIS Rare Natural Features**
- :::: Vertebrate Animal Community
- Invertebrate Animal Wascular Plant
- Animal Assemblage

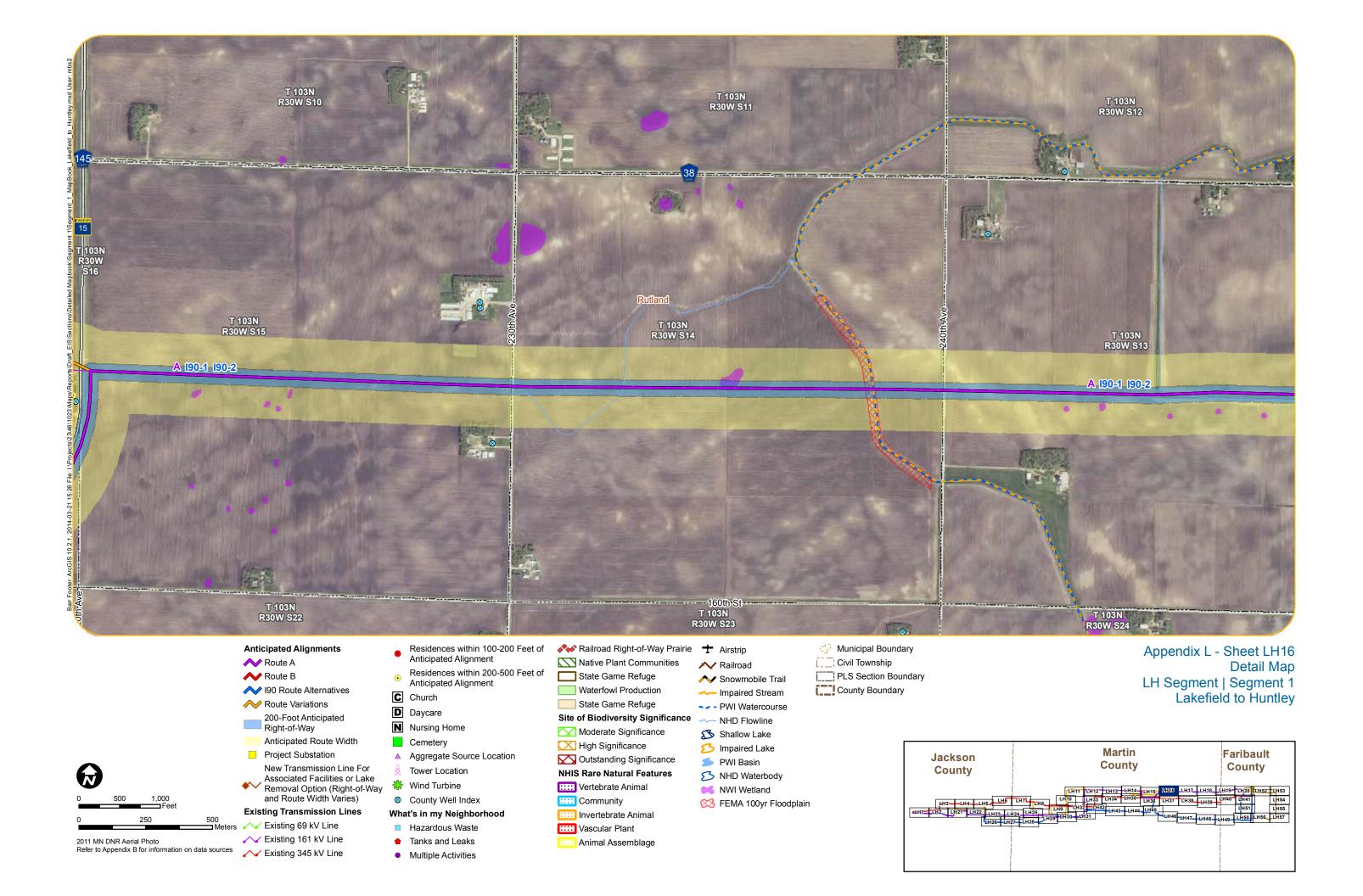
5 Impaired Lake PWI Basin

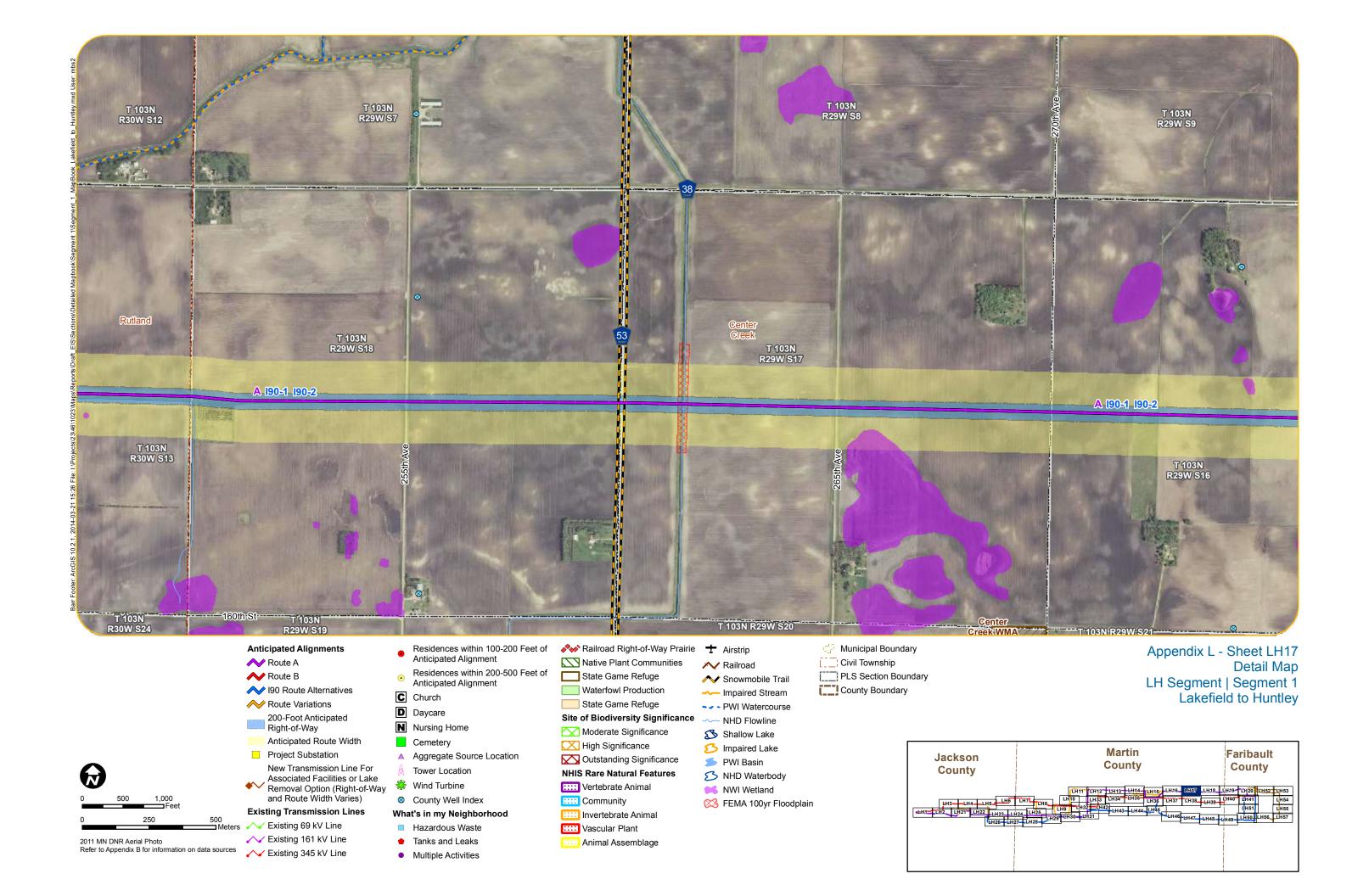
NHD Waterbody NWI Wetland

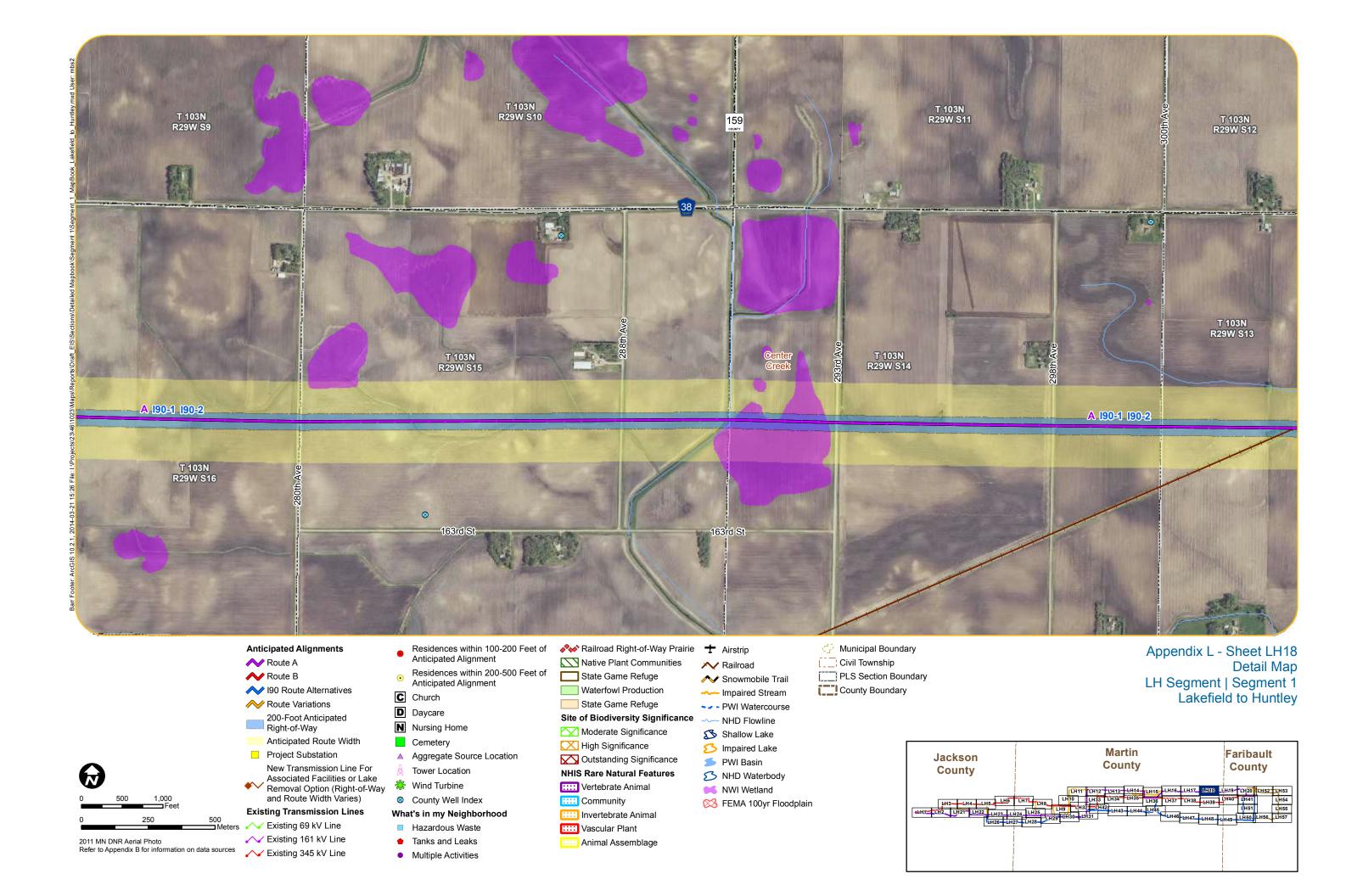


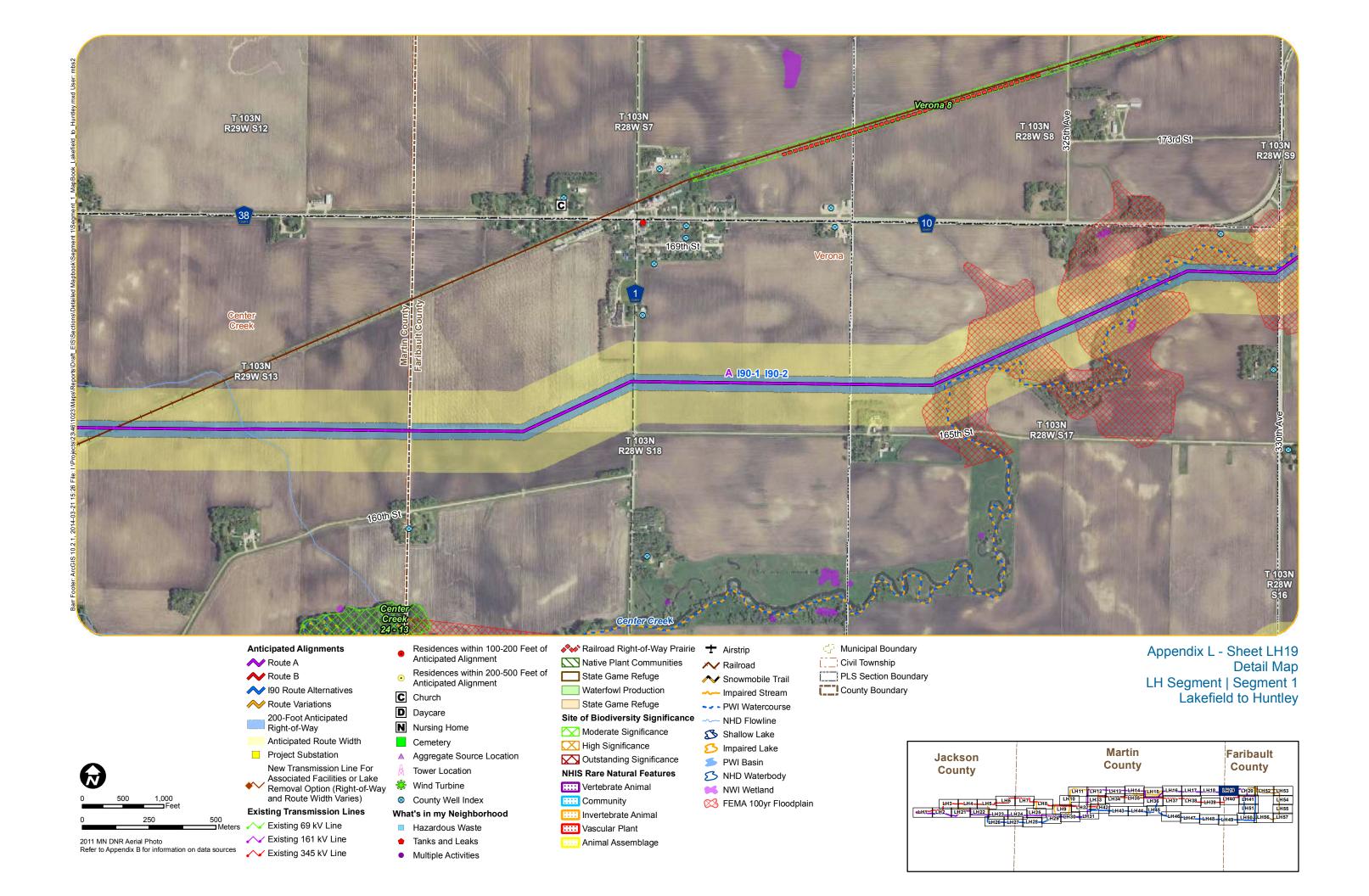


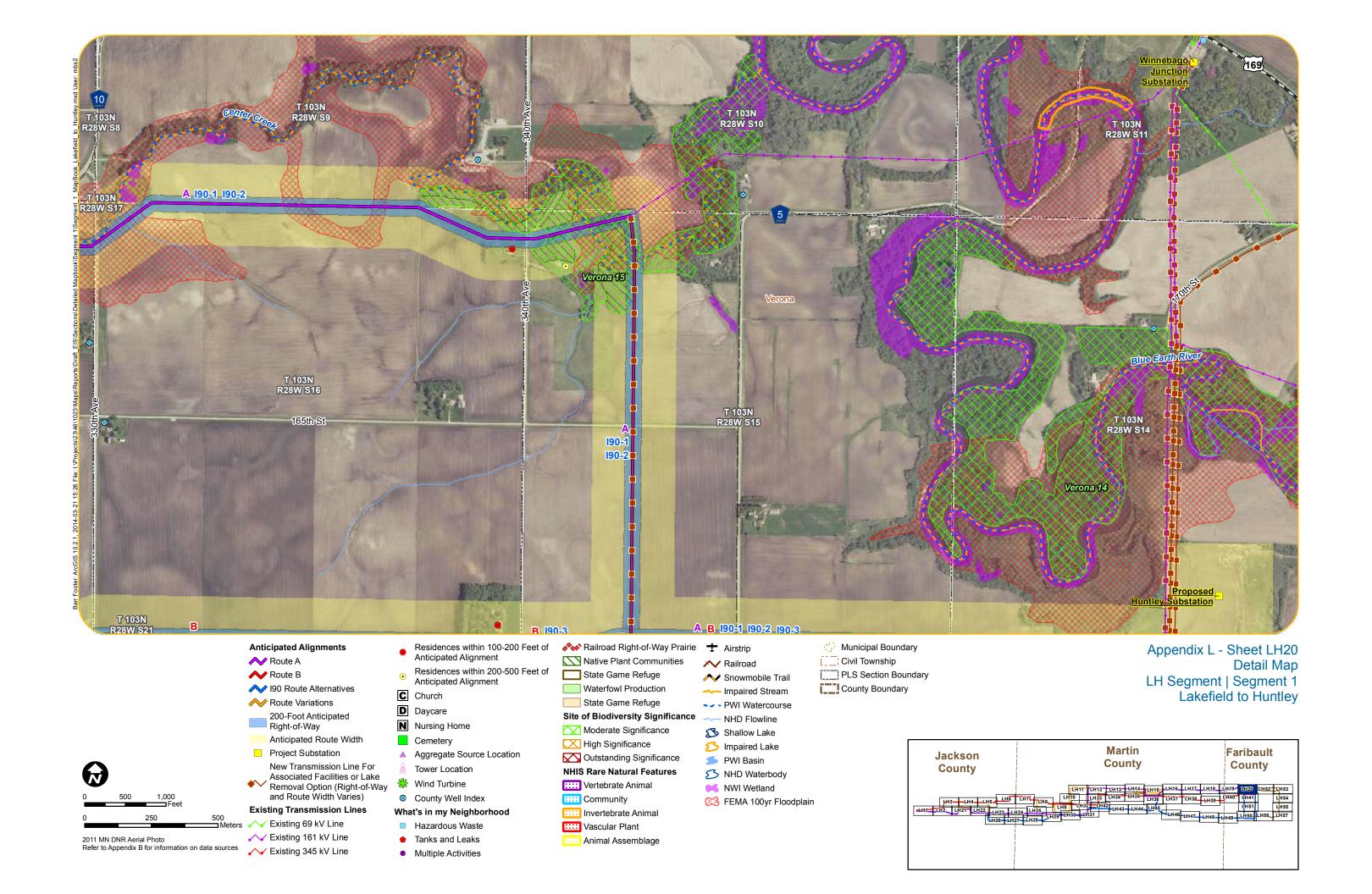


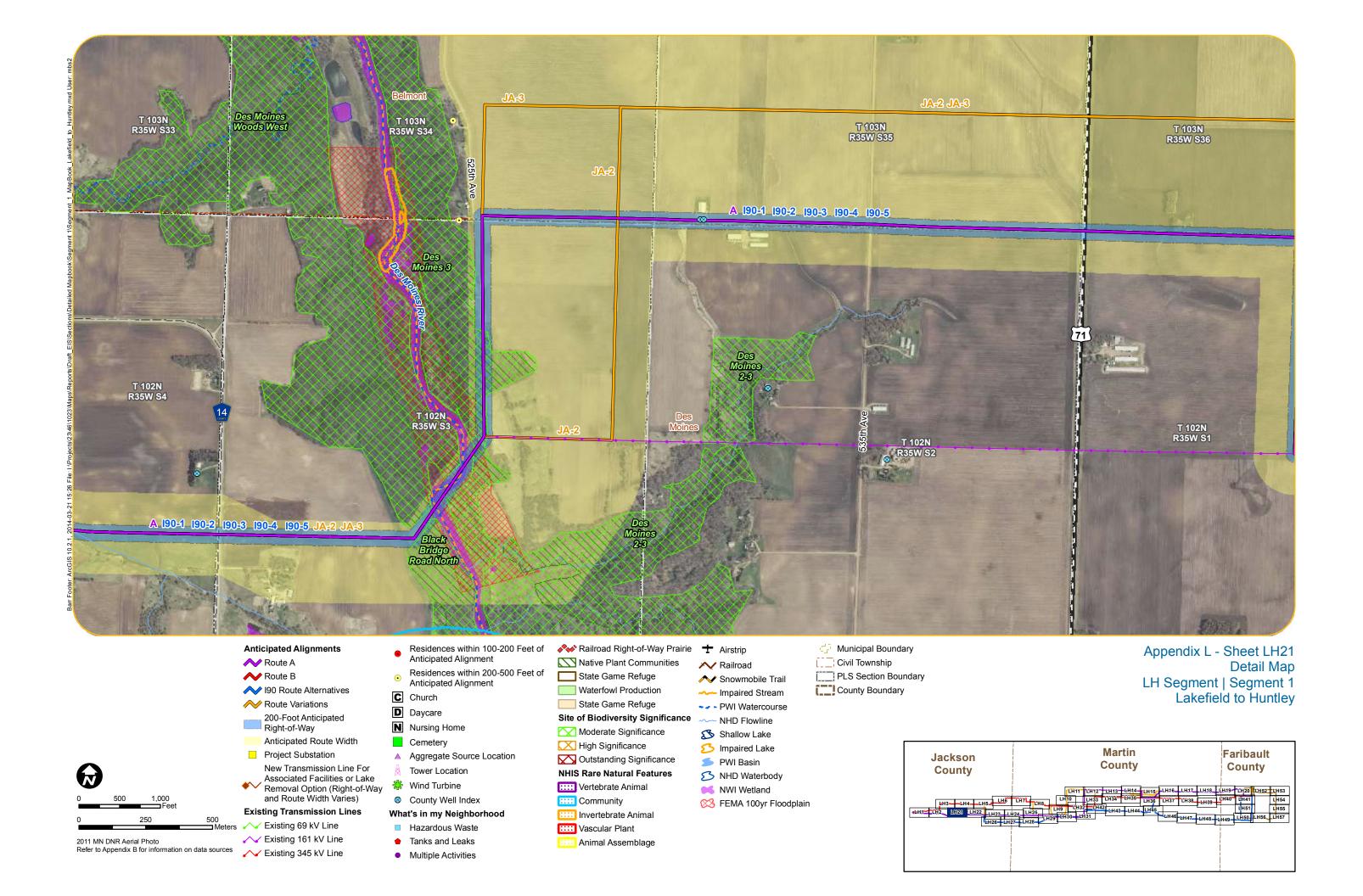


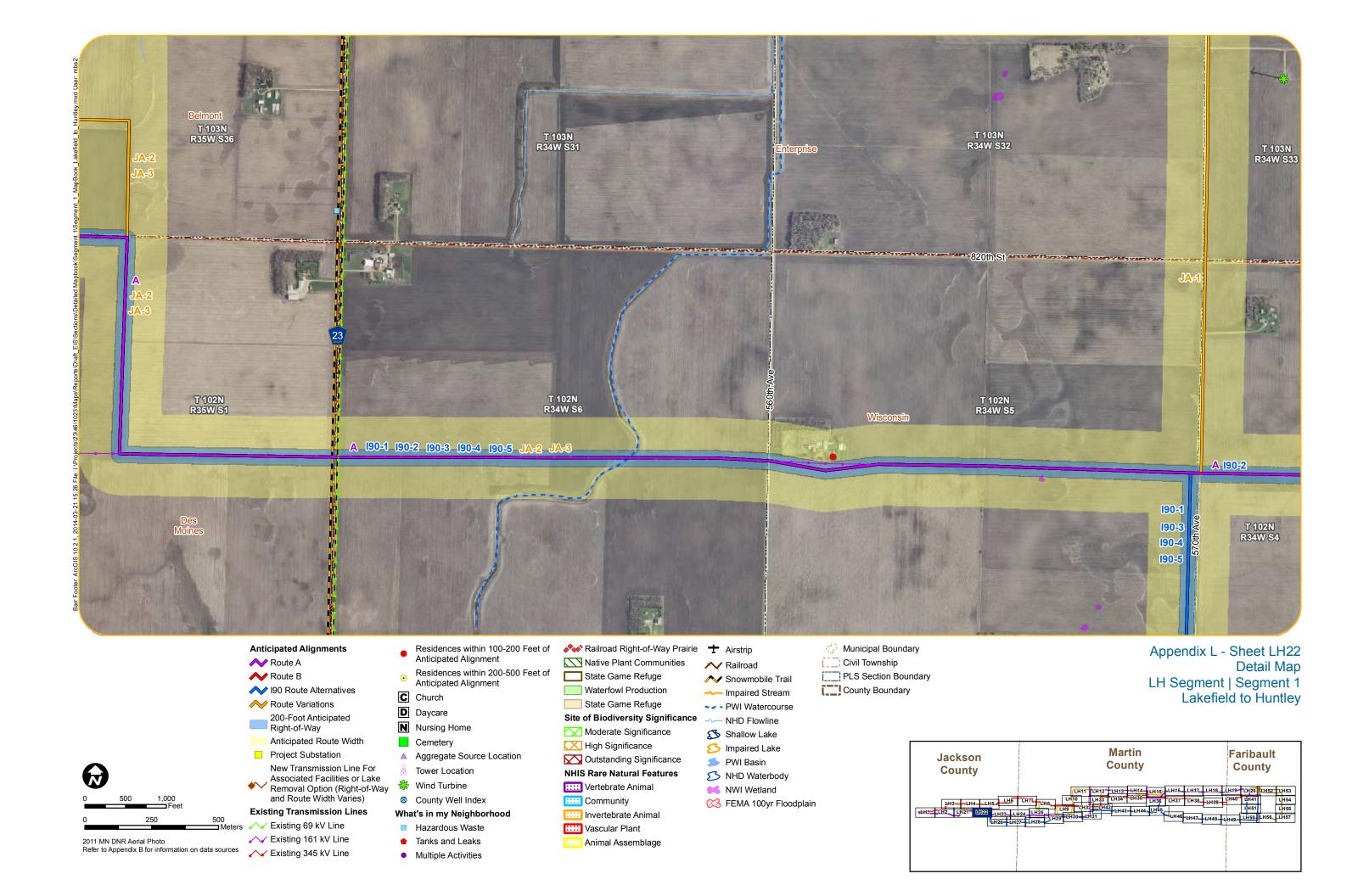


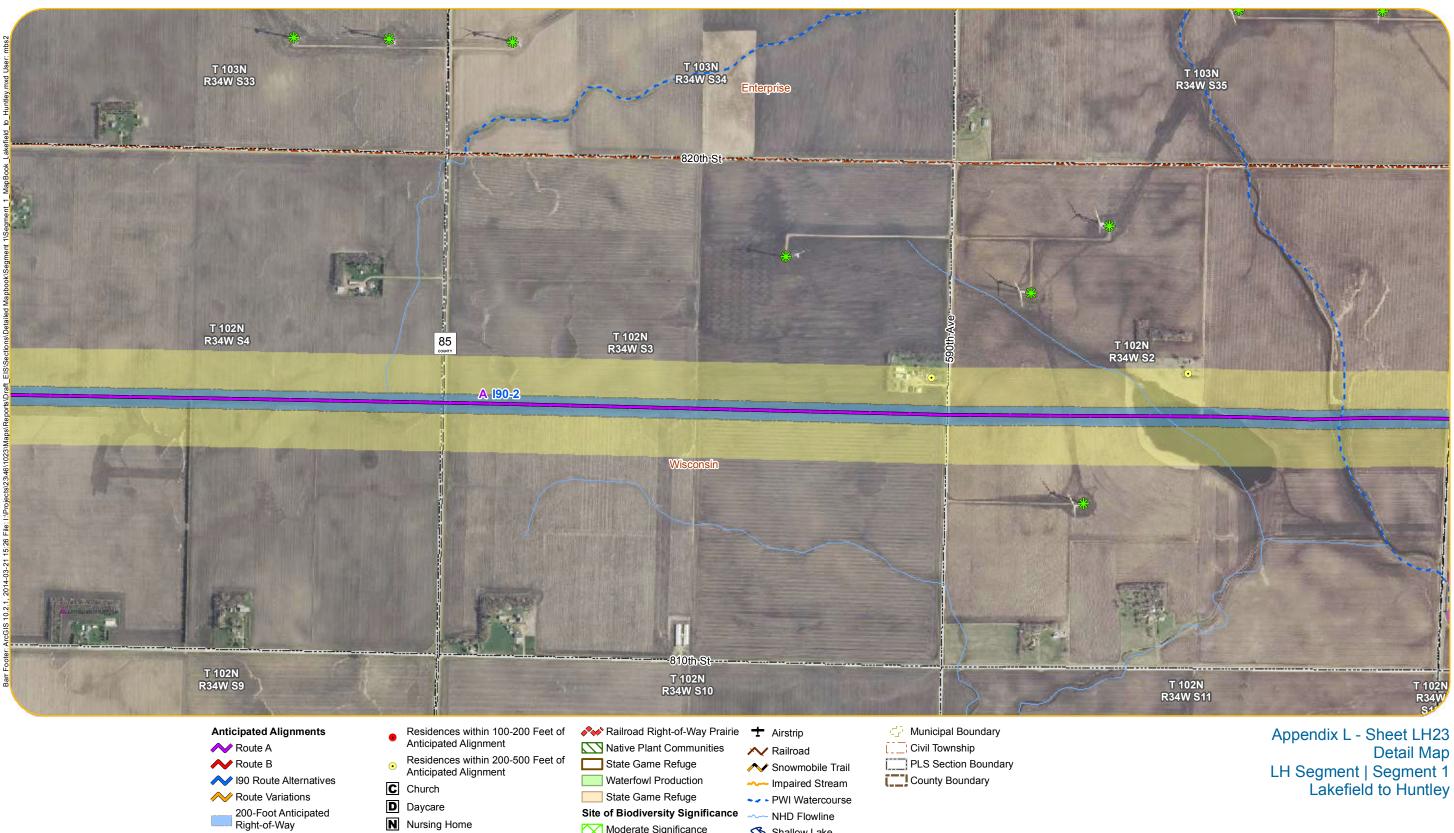


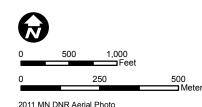












2011 MN DNR Aerial Photo Refer to Appendix B for information on data sources

Anticipated Route Width

Project Substation

New Transmission Line For Associated Facilities or Lake
Removal Option (Right-of-Way and Route Width Varies)

Existing Transmission Lines

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Existing 161 kV Line

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▲ Aggregate Source Location

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Hazardous Waste

Tanks and Leaks Multiple Activities

Site of Biodiversity Significance

Moderate Significance

High Significance Outstanding Significance

NHIS Rare Natural Features

:::: Vertebrate Animal

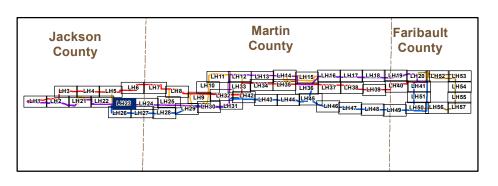
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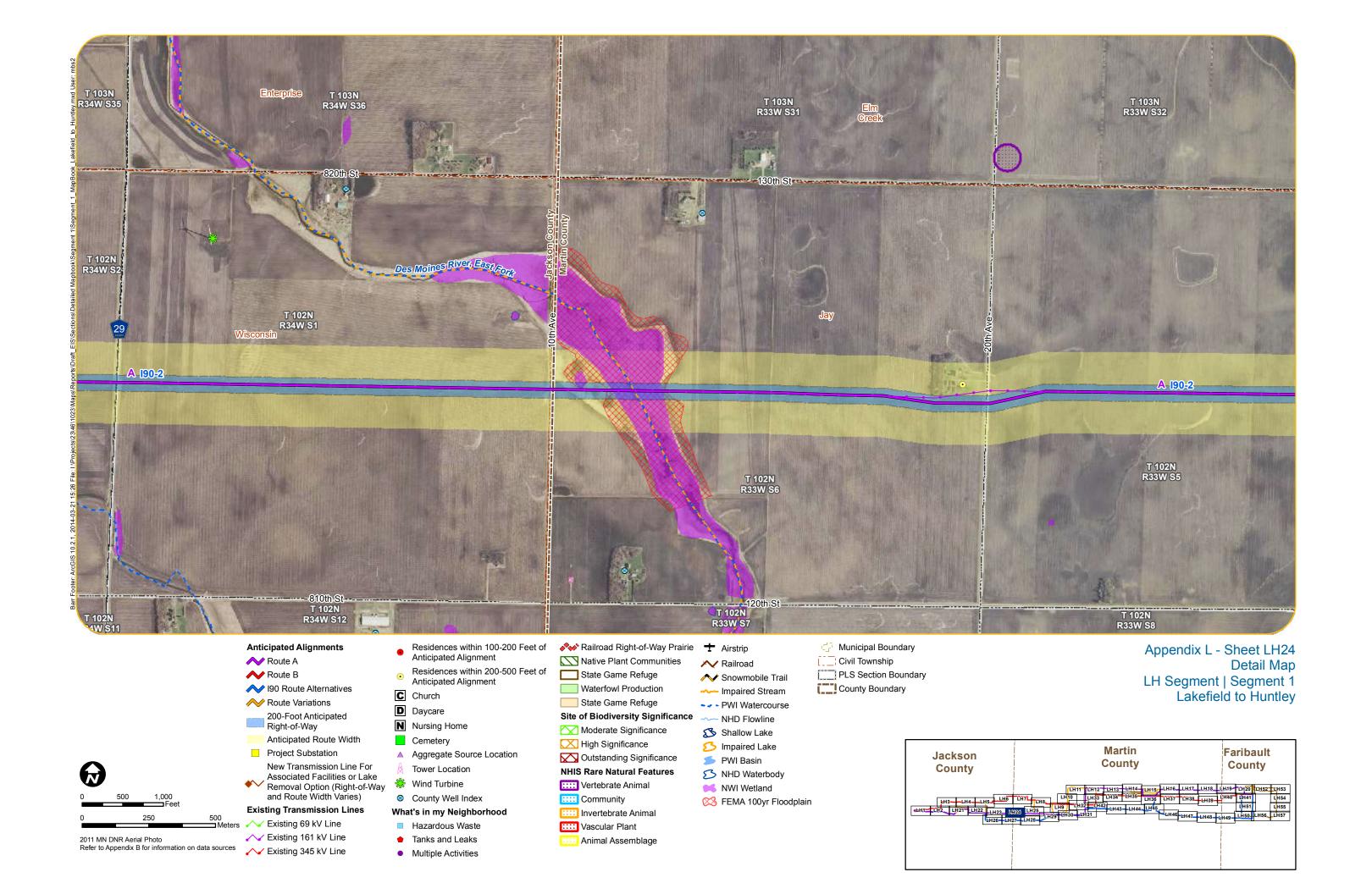
Wascular Plant Animal Assemblage NHD Flowline

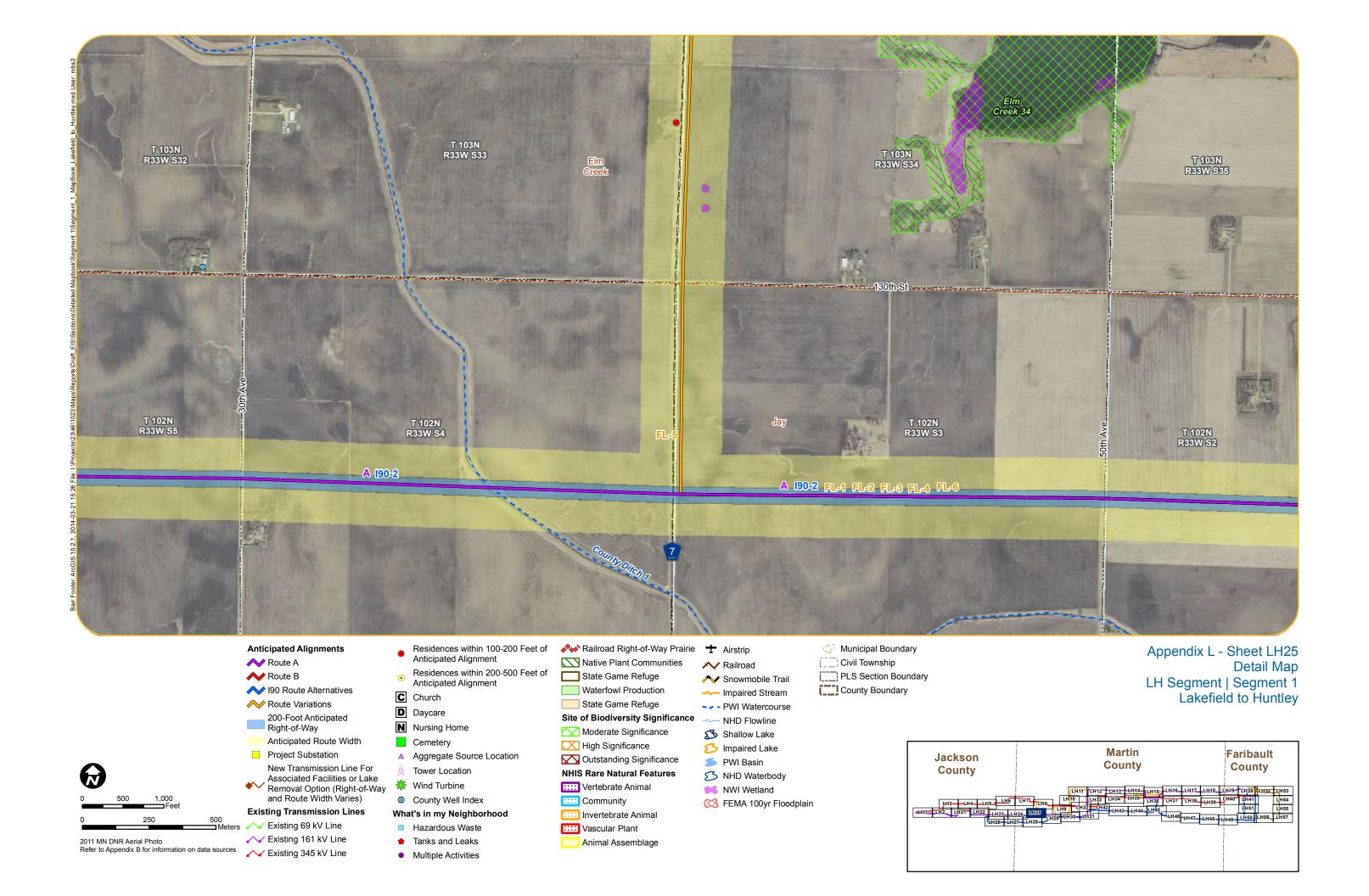
Shallow Lake 5 Impaired Lake

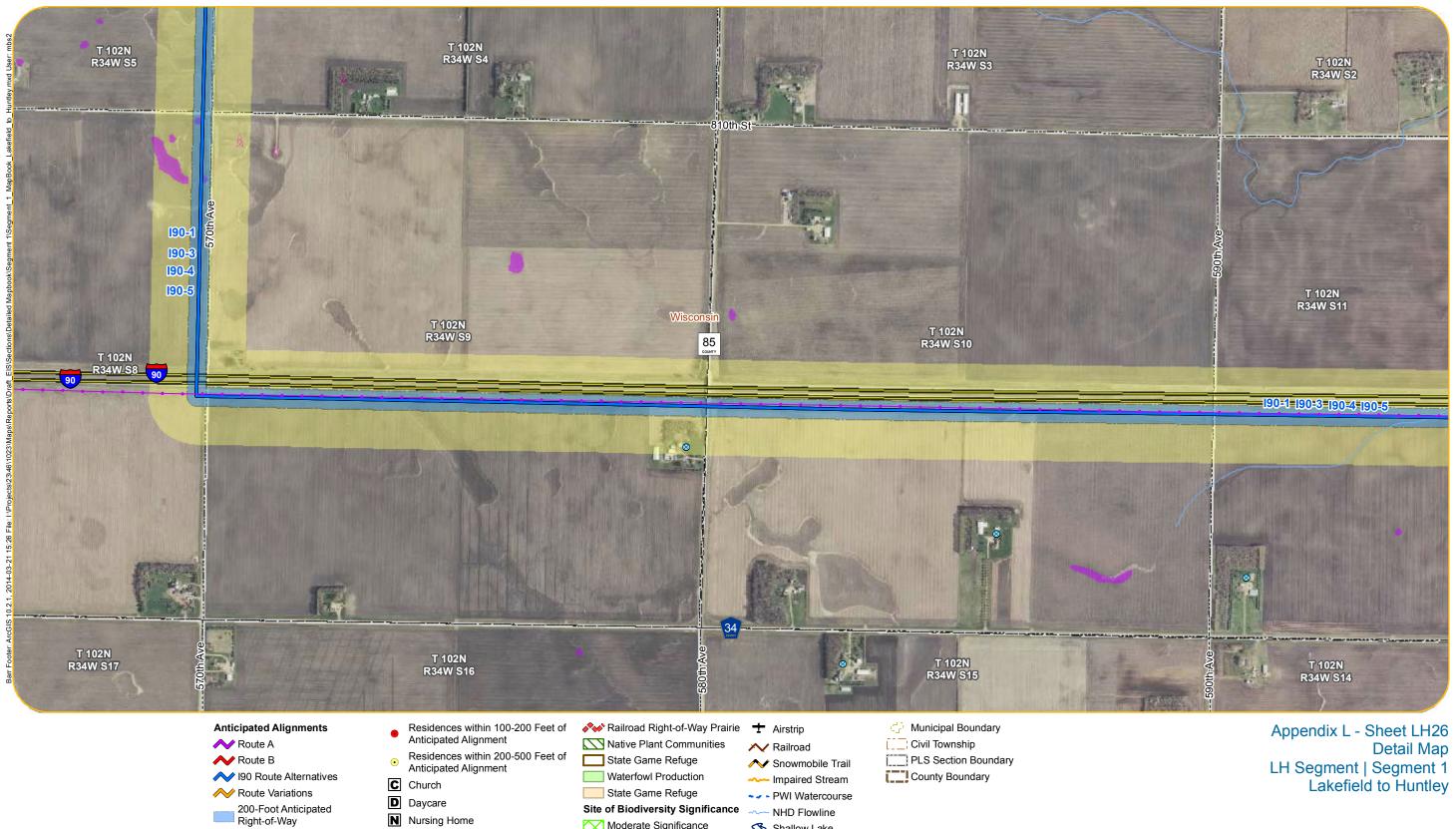
PWI Basin

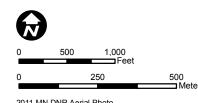
NHD Waterbody NWI Wetland











2011 MN DNR Aerial Photo Refer to Appendix B for information on data sources

Anticipated Route Width

Project Substation

New Transmission Line For Associated Facilities or Lake Removal Option (Right-of-Way and Route Width Varies)

Existing Transmission Lines

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▲ Aggregate Source Location

Tower Location

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X High Significance

Outstanding Significance

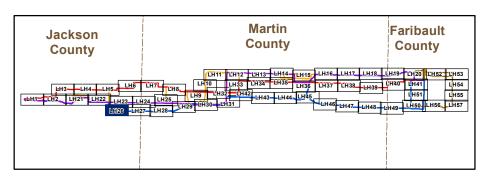
NHIS Rare Natural Features :::: Vertebrate Animal

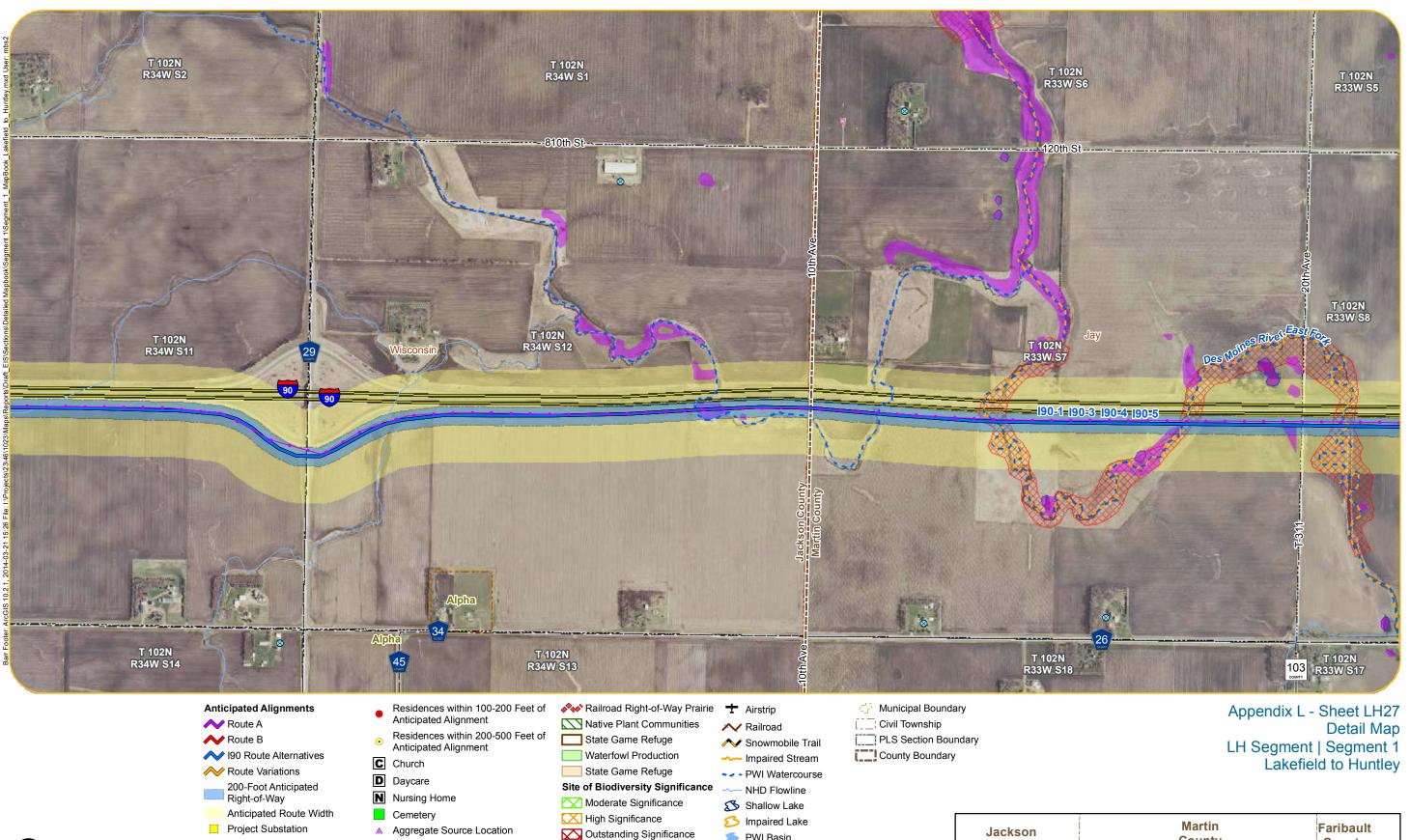
Community Invertebrate Animal

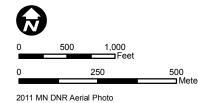
:::: Vascular Plant Animal Assemblage Shallow Lake 5 Impaired Lake

PWI Basin

NHD Waterbody NWI Wetland







Refer to Appendix B for information on data sources

Tower Location

Associated Facilities or Lake Removal Option (Right-of-Way **Wind Turbine**

New Transmission Line For

and Route Width Varies)

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Existing 69 kV Line

Existing 161 kV Line

Existing 345 kV Line

Ounty Well Index

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Multiple Activities

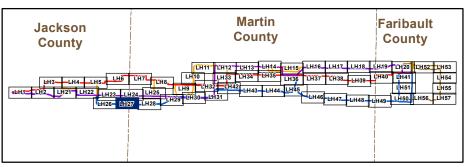
NHIS Rare Natural Features

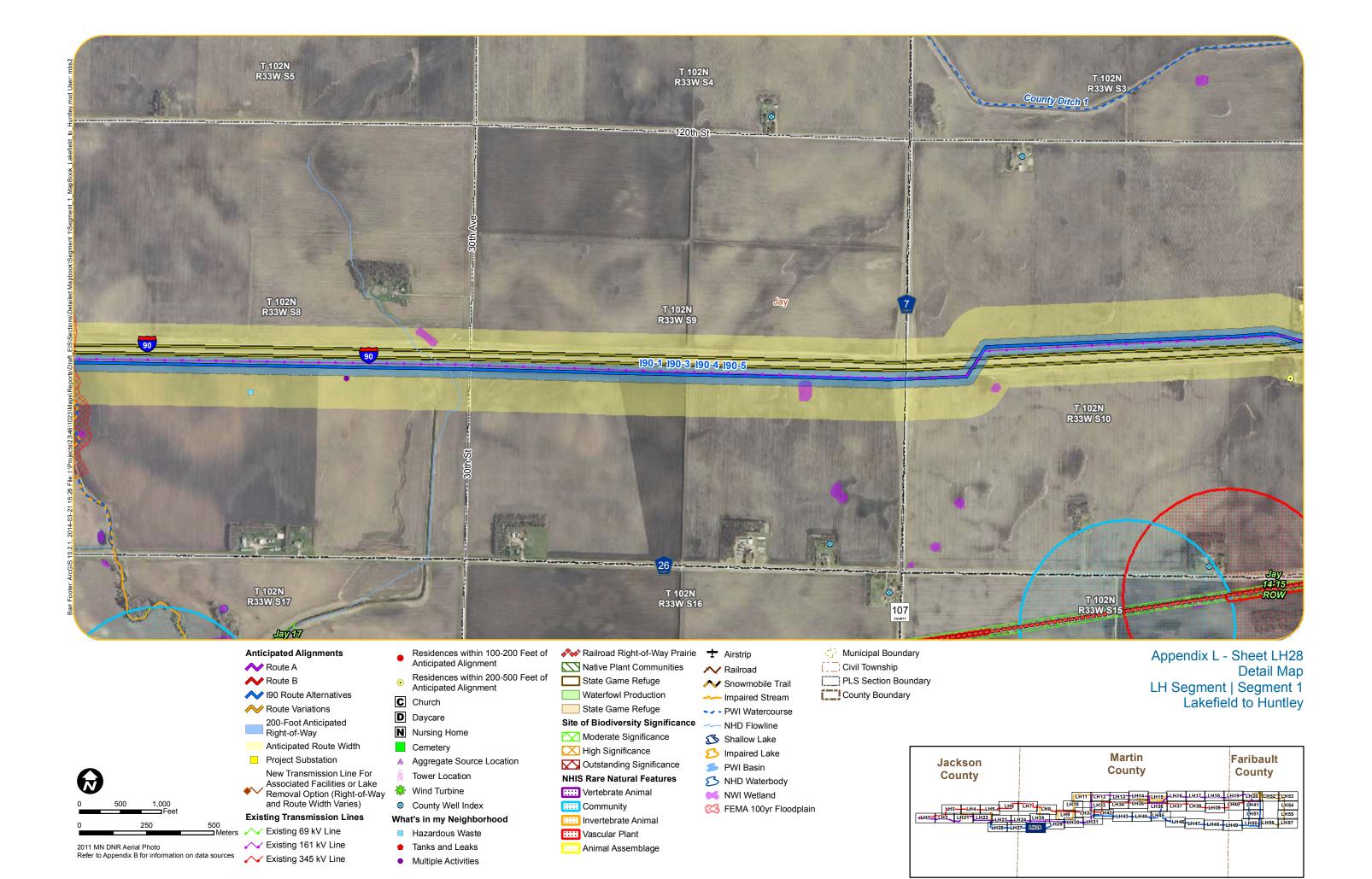
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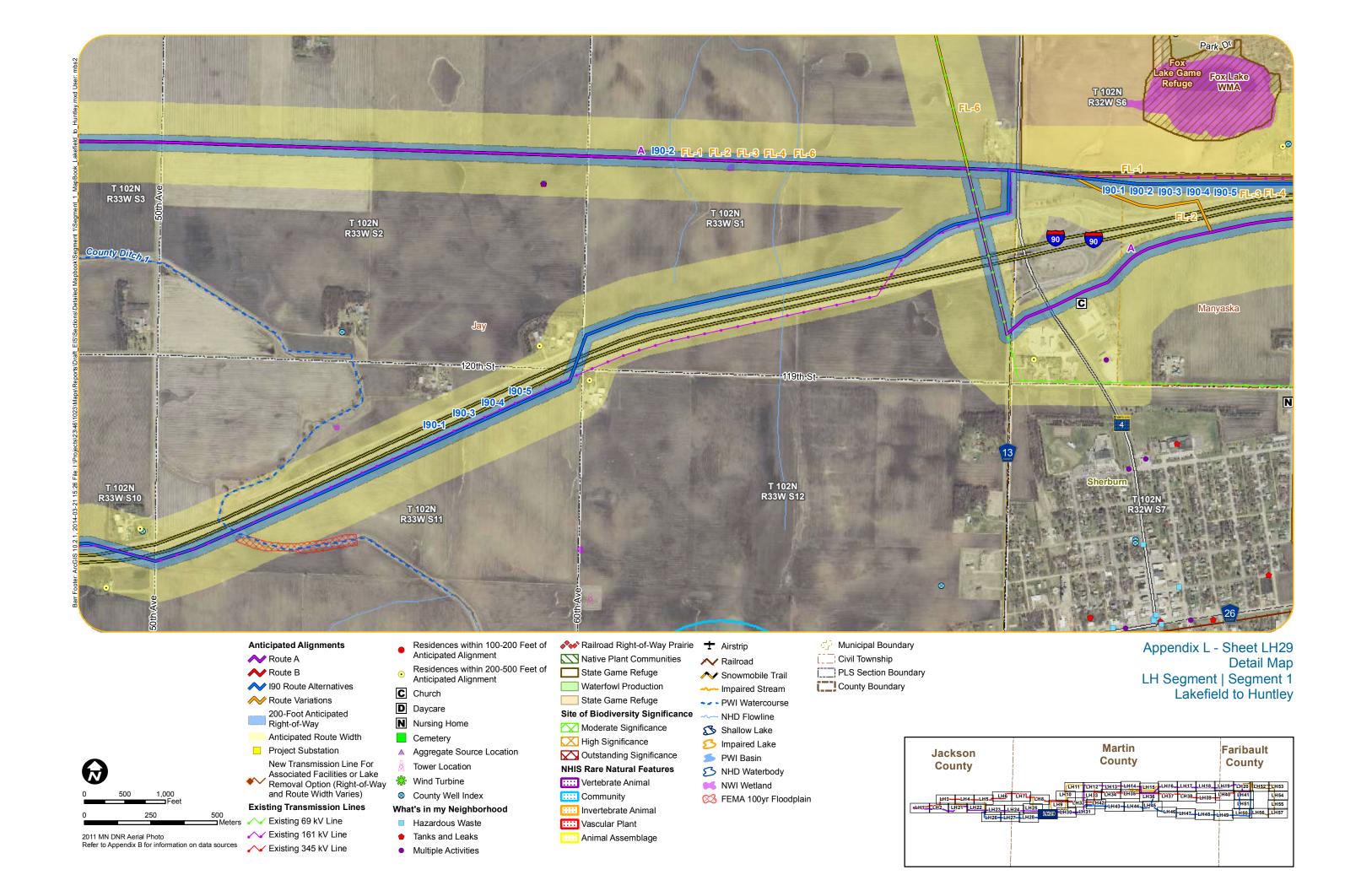
Invertebrate Animal

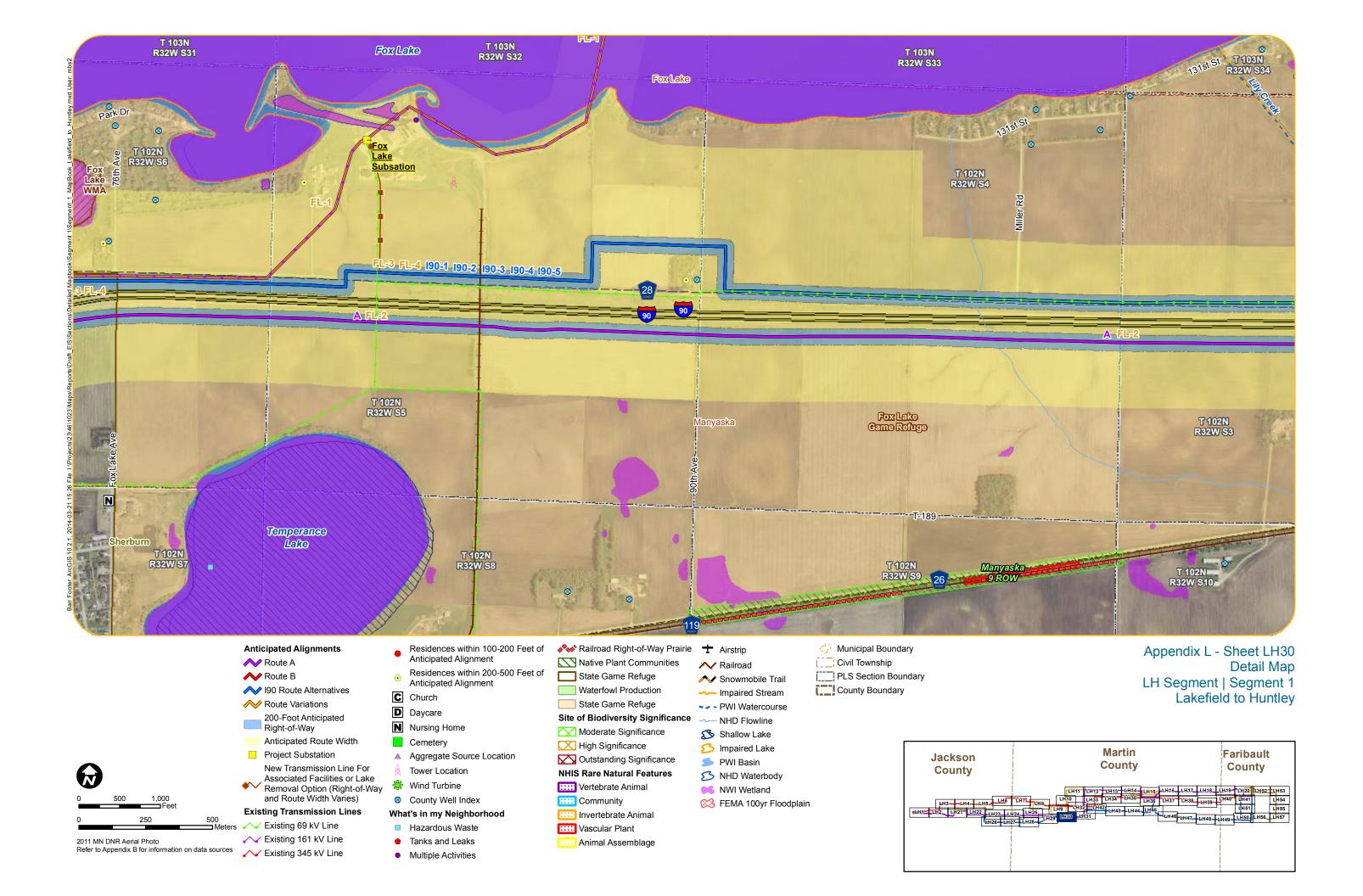
Vascular Plant Animal Assemblage PWI Basin

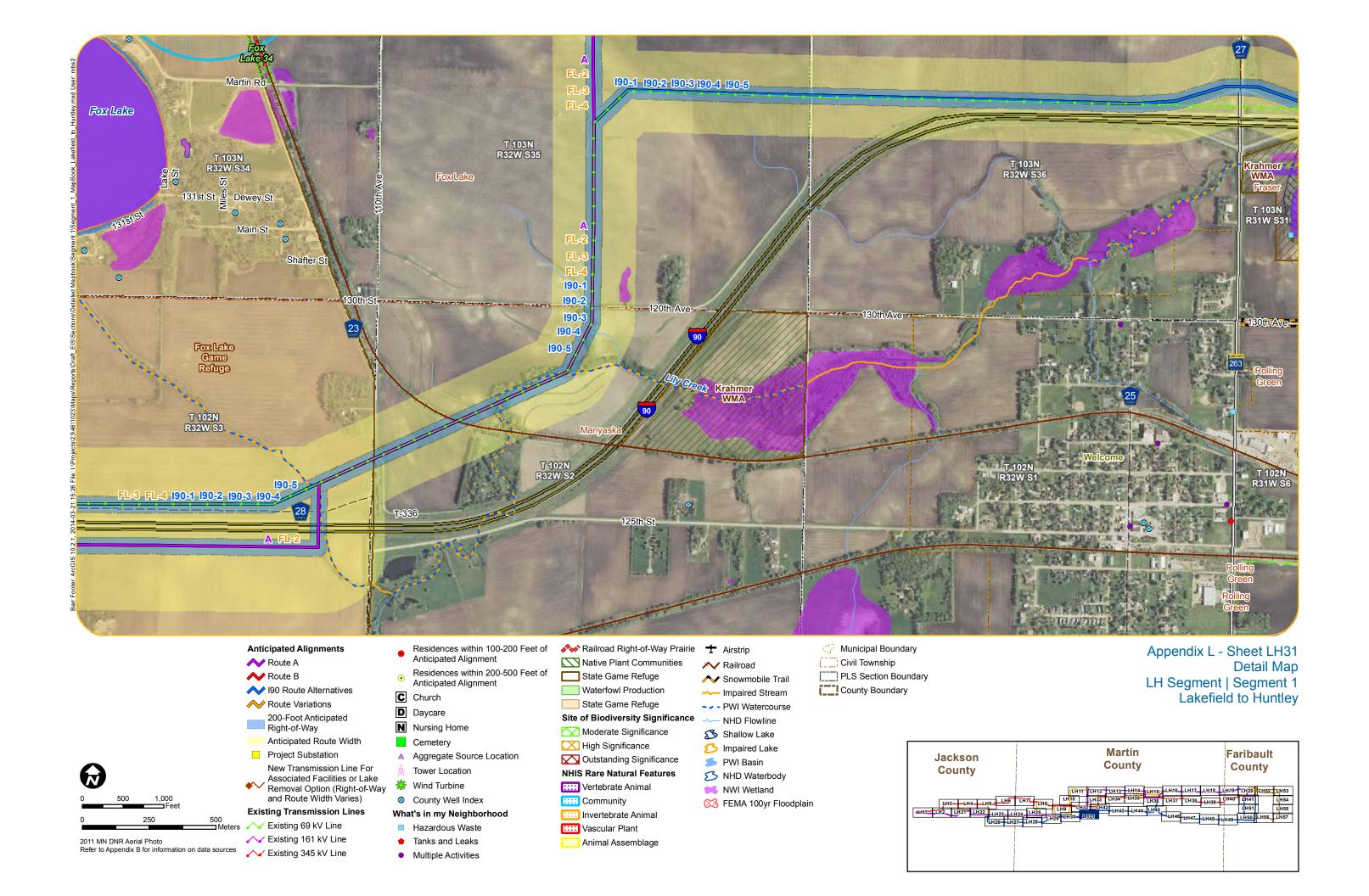
NHD Waterbody NWI Wetland

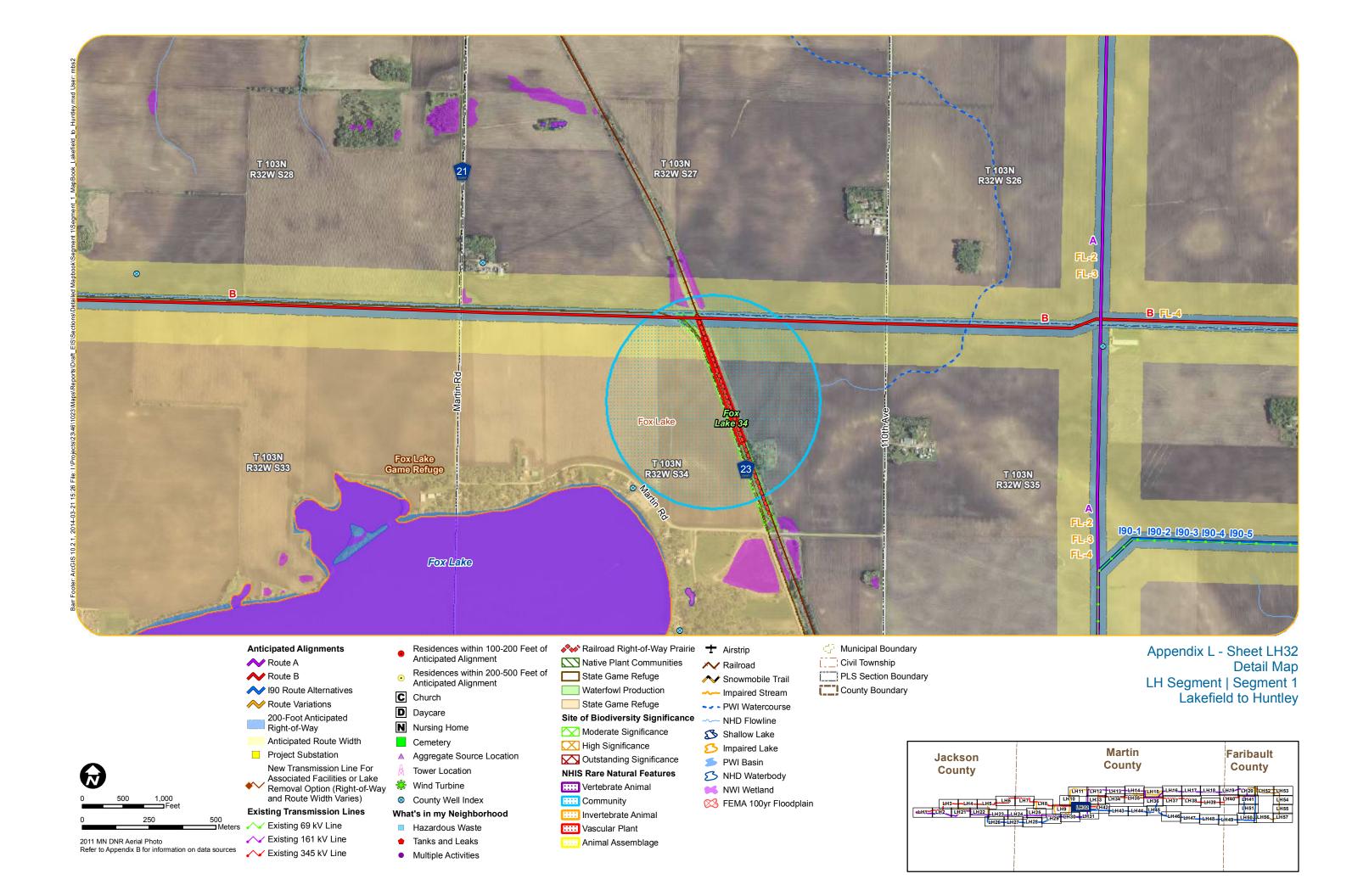


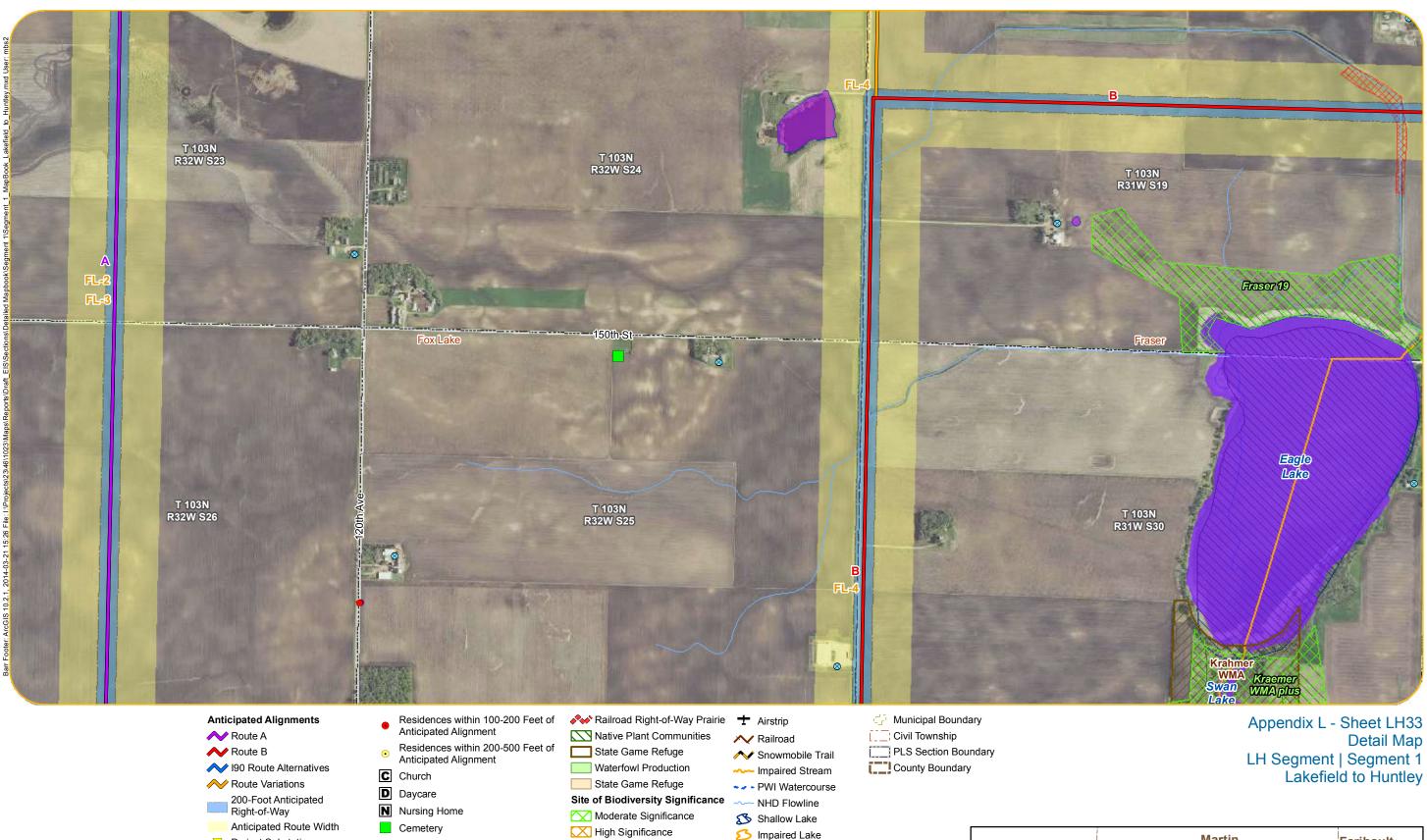


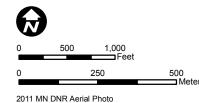












2011 MN DNR Aerial Photo
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Existing 161 KV Line

Existing 345 kV Line

Project Substation

New Transmission Line For Associated Facilities or Lake Removal Option (Right-of-Way and Route Width Varies)

Existing Transmission Lines

Existing 69 kV Line

Existing 161 kV Line

▲ Aggregate Source Location

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Tanks and Leaks Multiple Activities Outstanding Significance

NHIS Rare Natural Features

:::: Vertebrate Animal

Wascular Plant

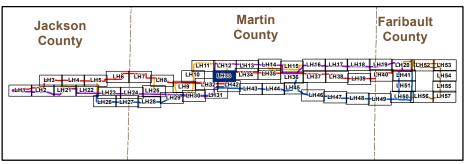
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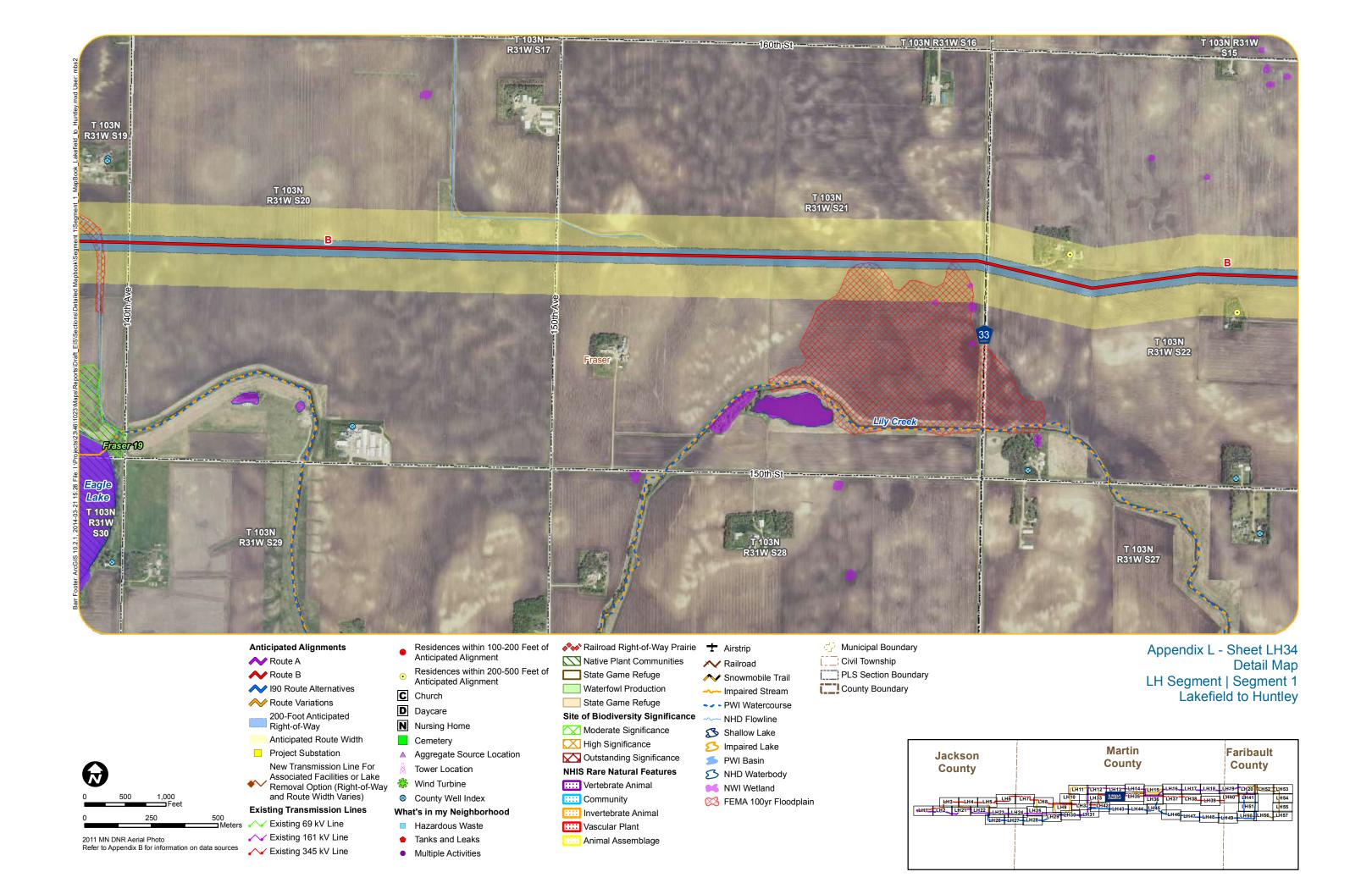
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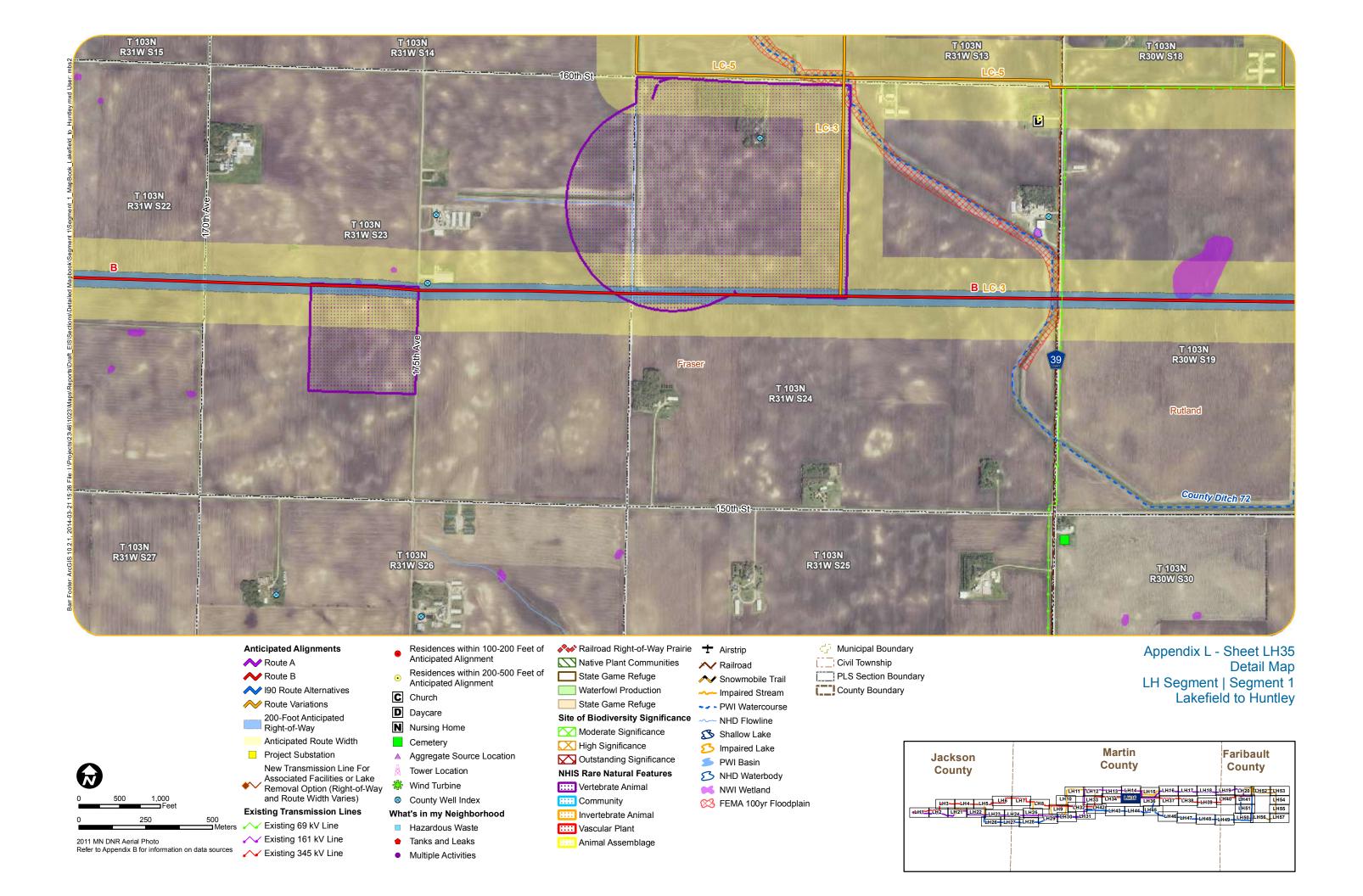
PWI Basin

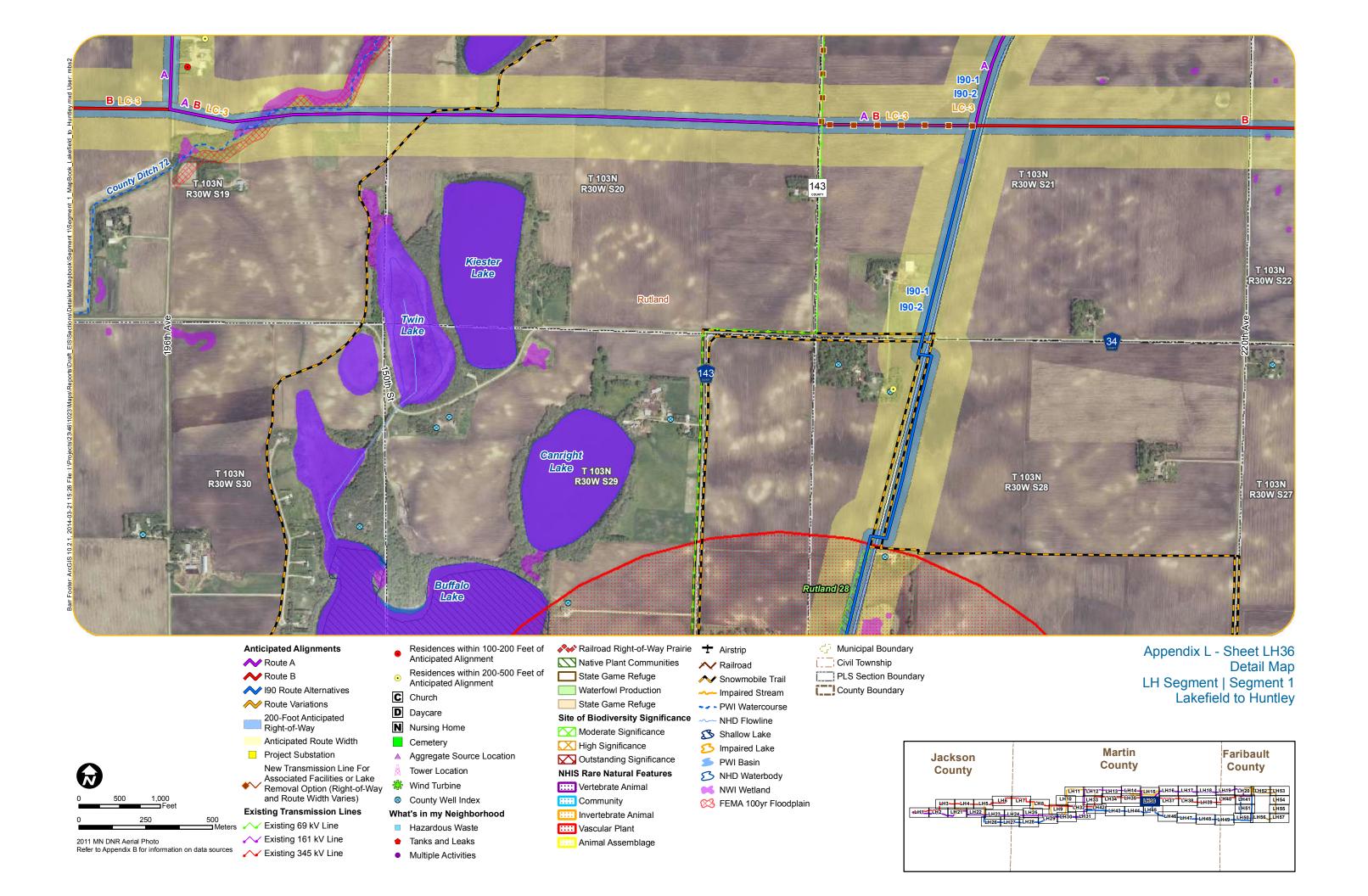
NHD Waterbody

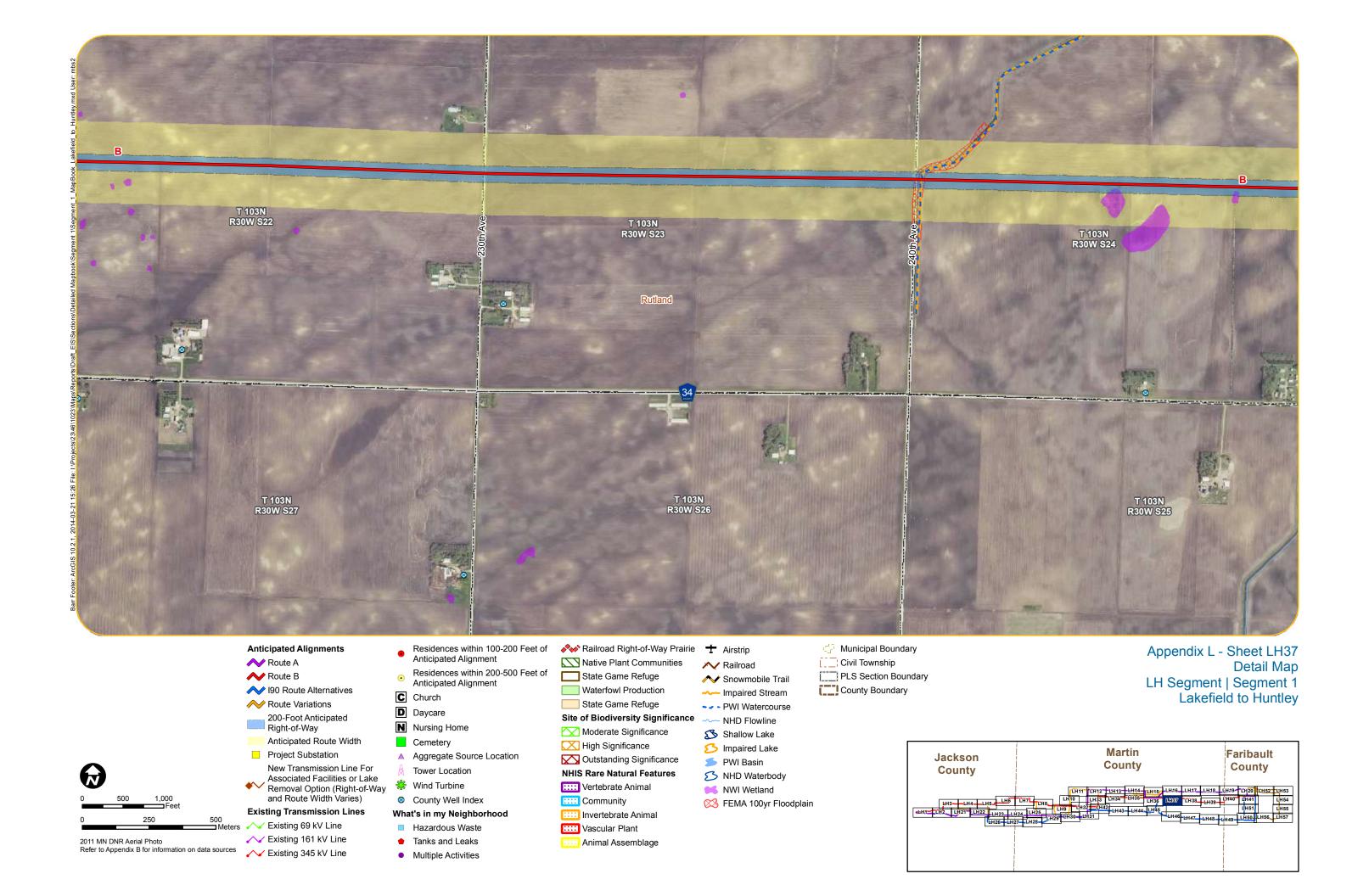
NWI Wetland

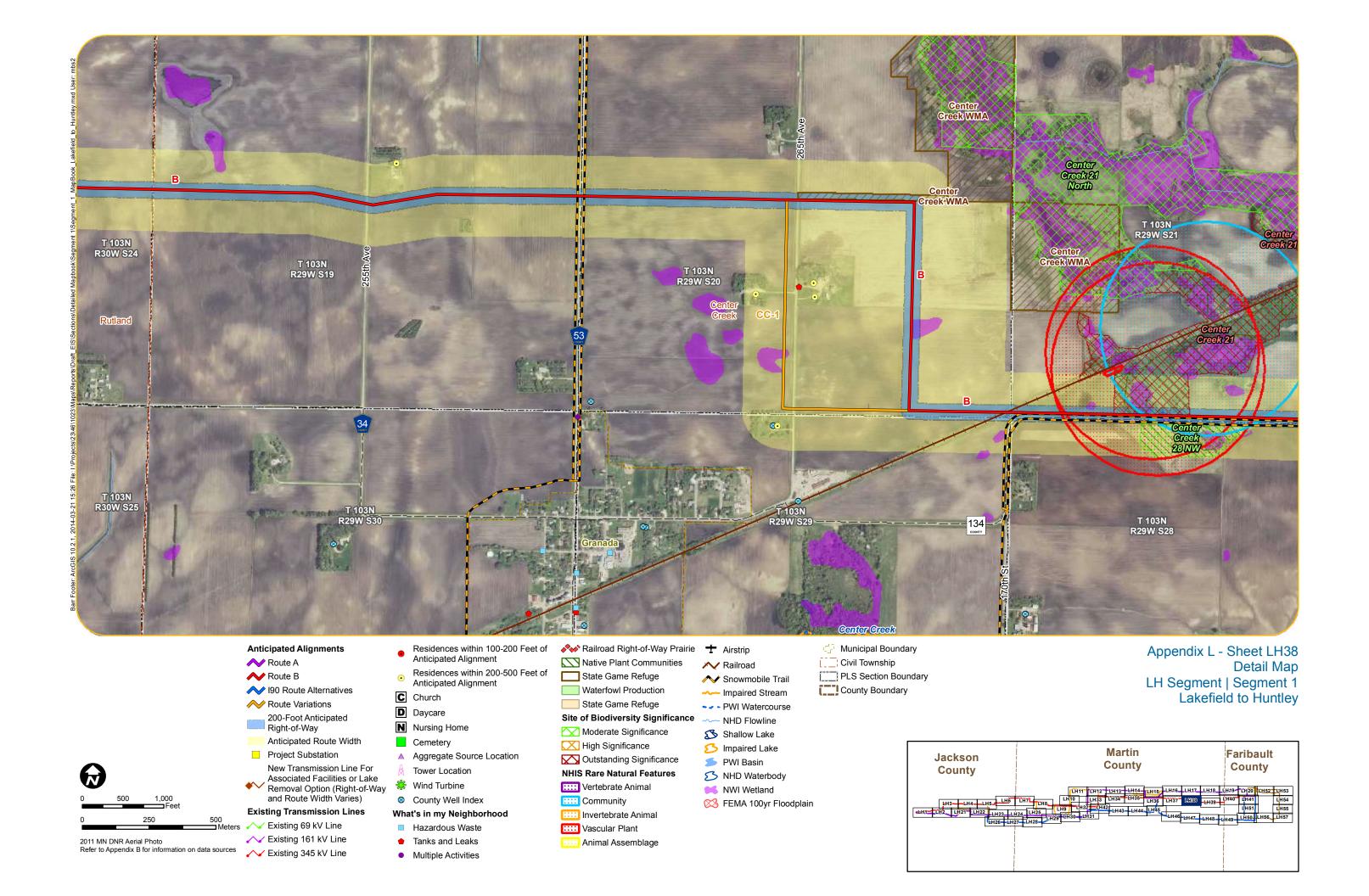


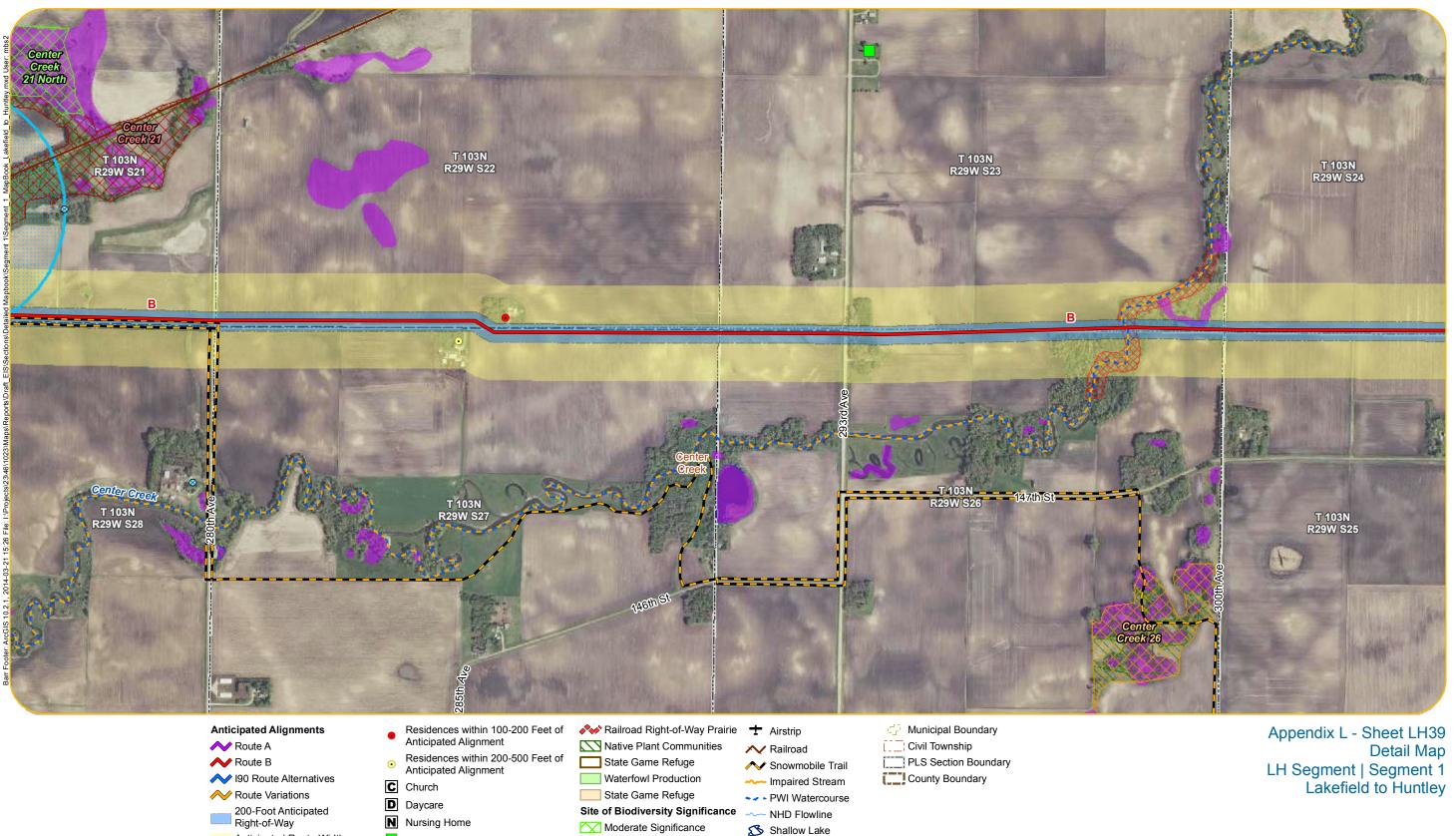


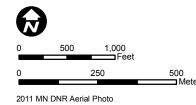












Refer to Appendix B for information on data sources

Existing 345 kV Line

Anticipated Route Width

Project Substation

New Transmission Line For Associated Facilities or Lake Removal Option (Right-of-Way and Route Width Varies)

Existing Transmission Lines

Existing 69 kV Line Existing 161 kV Line

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▲ Aggregate Source Location

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Outstanding Significance **NHIS Rare Natural Features**

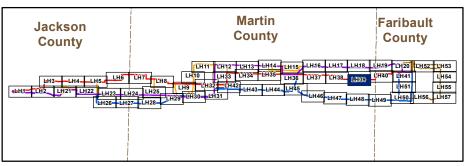
:::: Vertebrate Animal

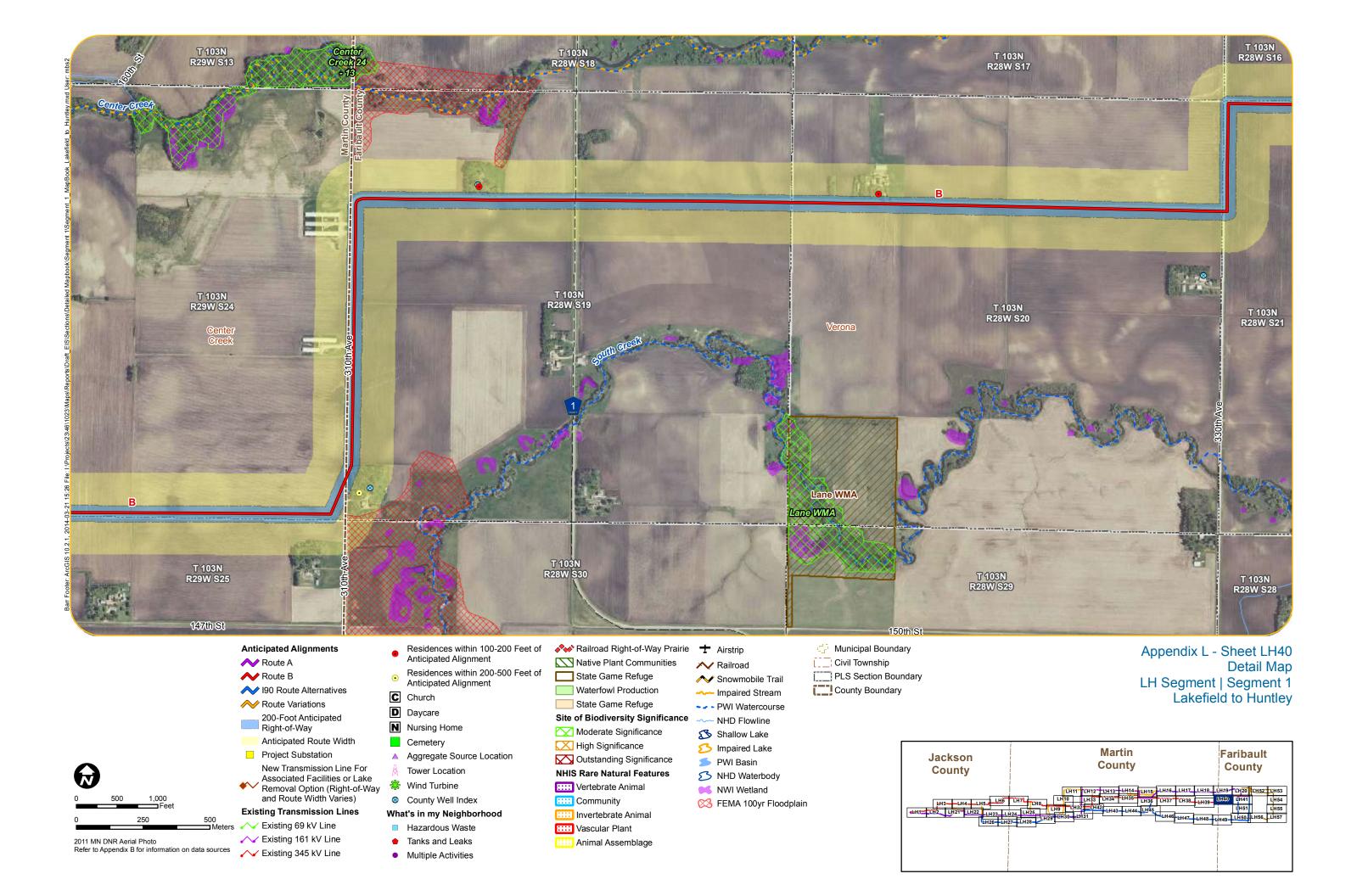
Community Invertebrate Animal

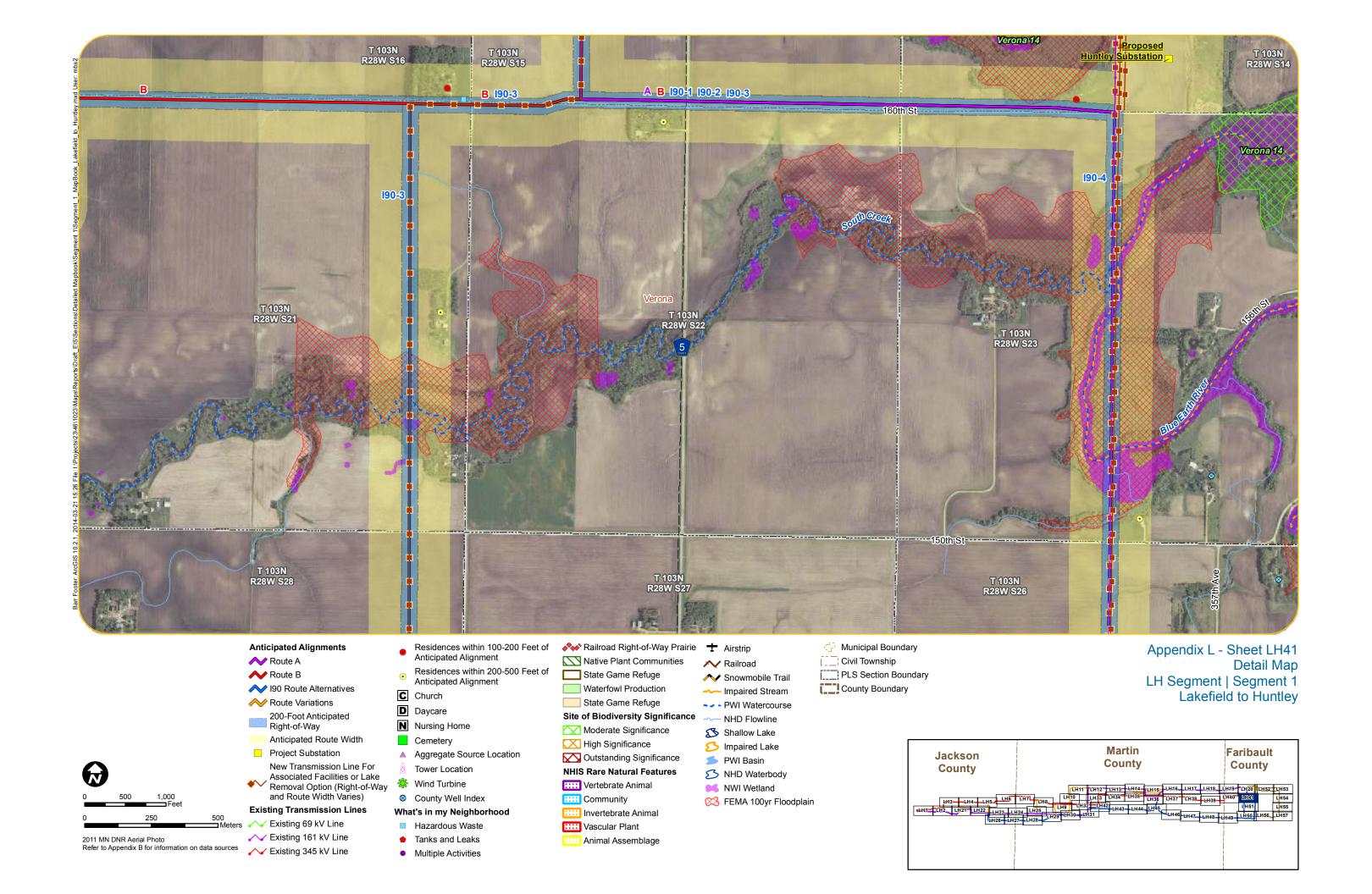
Vascular Plant Animal Assemblage 5 Impaired Lake PWI Basin

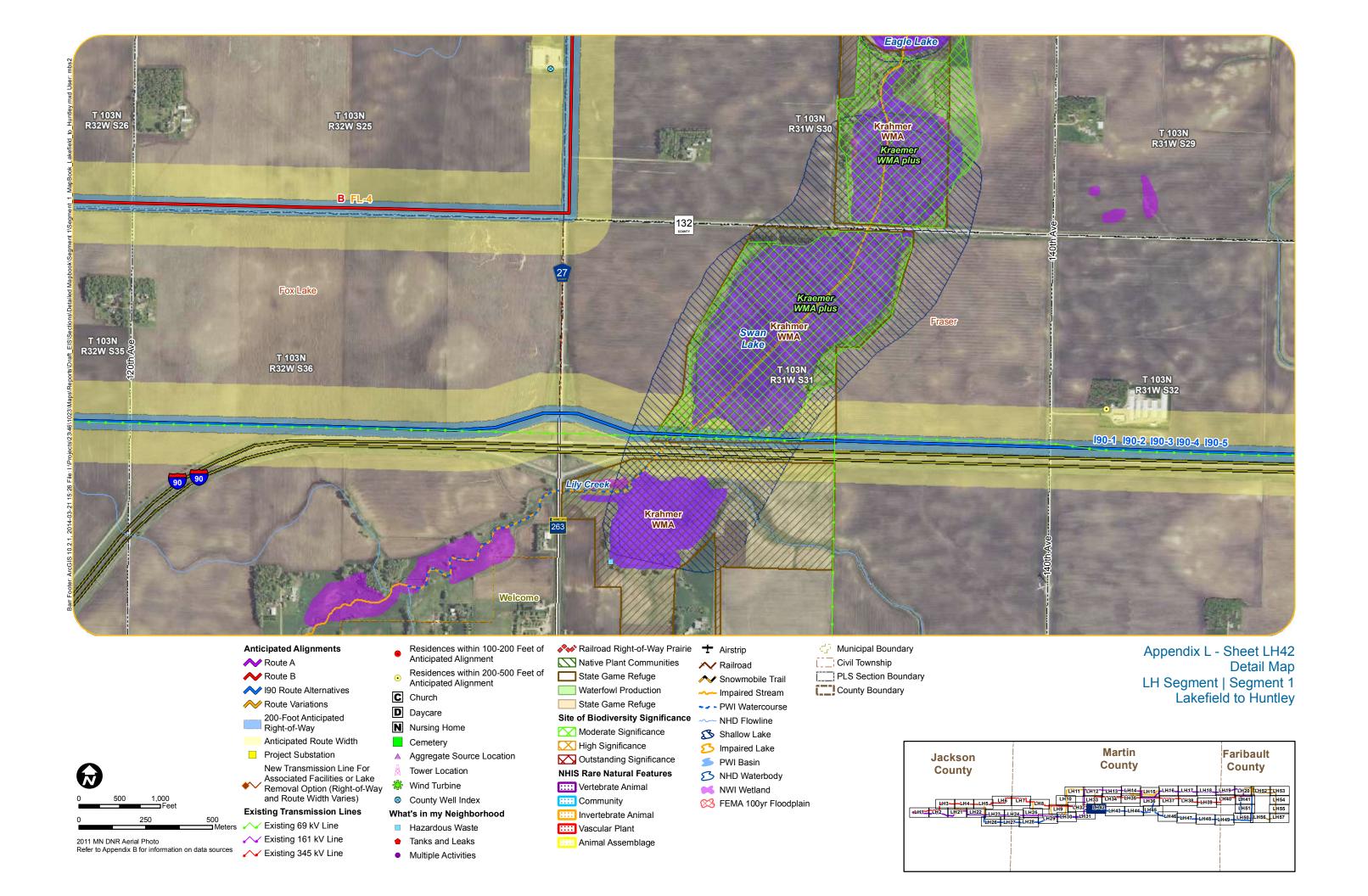
NHD Waterbody

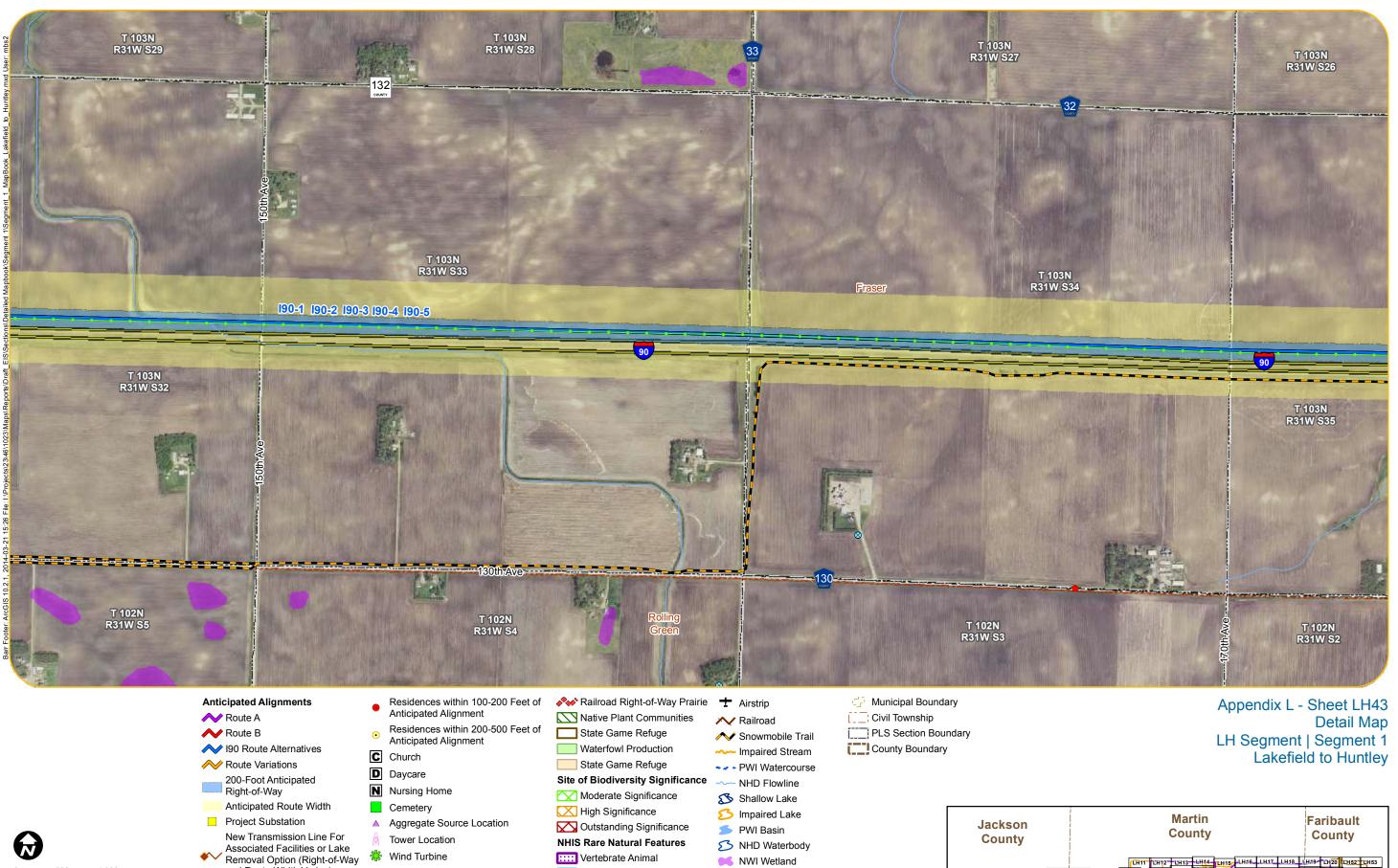
NWI Wetland Kanada Ka











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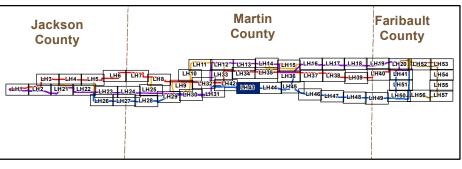
2011 MN DNR Aerial Photo Refer to Appendix B for information on data sources

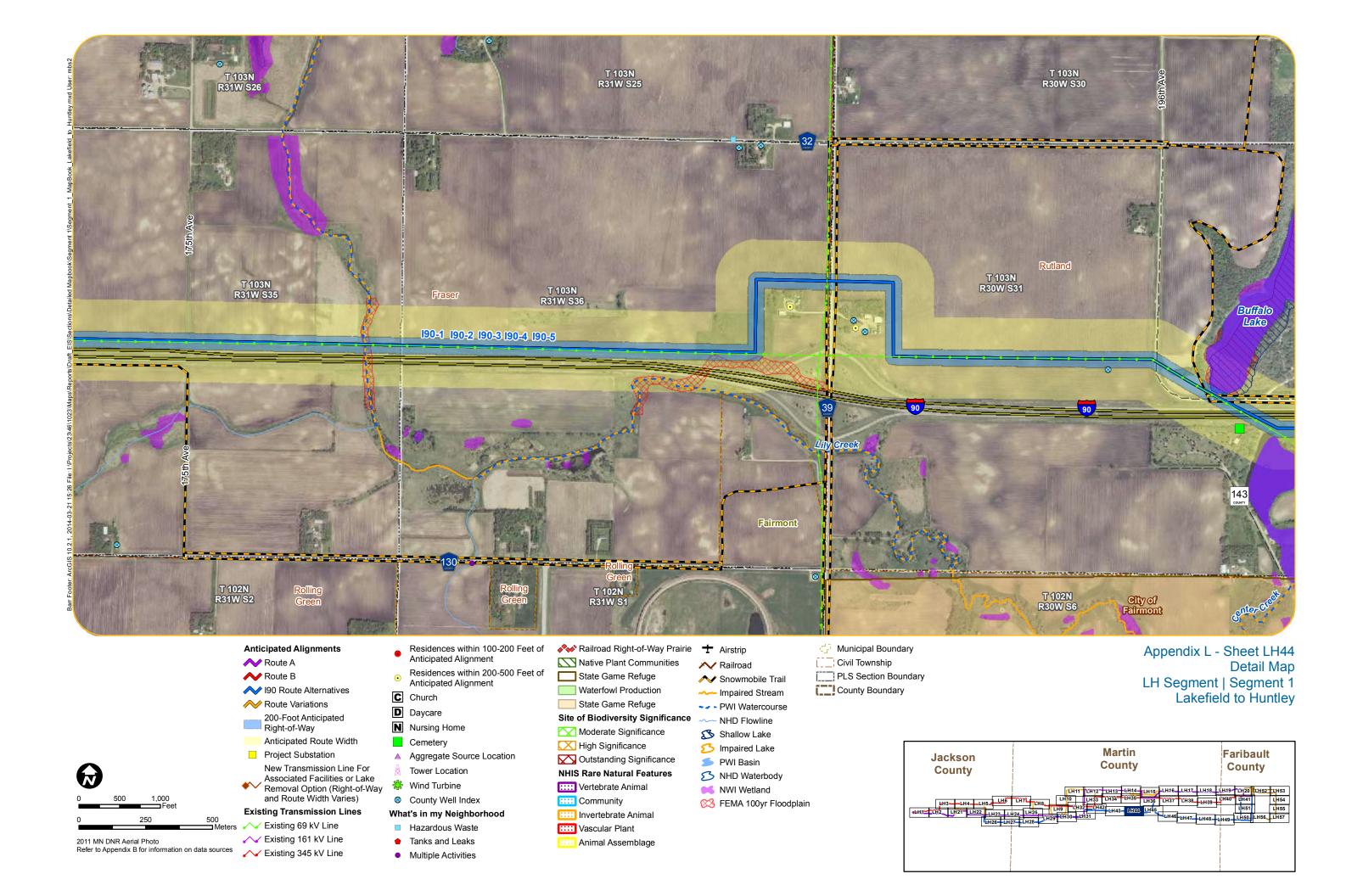
and Route Width Varies) **Existing Transmission Lines**

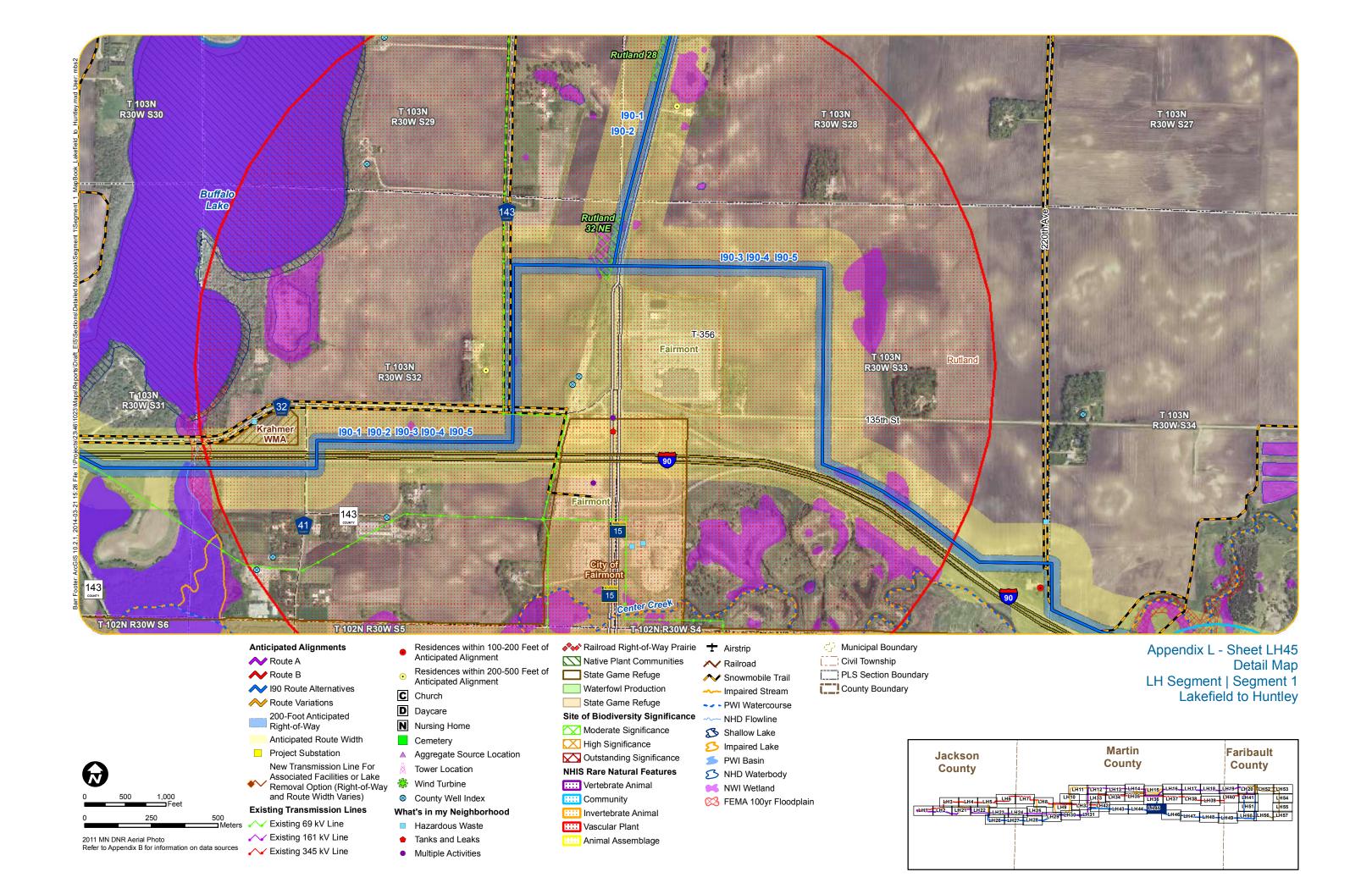
- Existing 69 kV Line
- Existing 161 kV Line
- Existing 345 kV Line
- County Well Index
- What's in my Neighborhood
- Hazardous Waste Tanks and Leaks Multiple Activities
- Community Invertebrate Animal :::: Vascular Plant

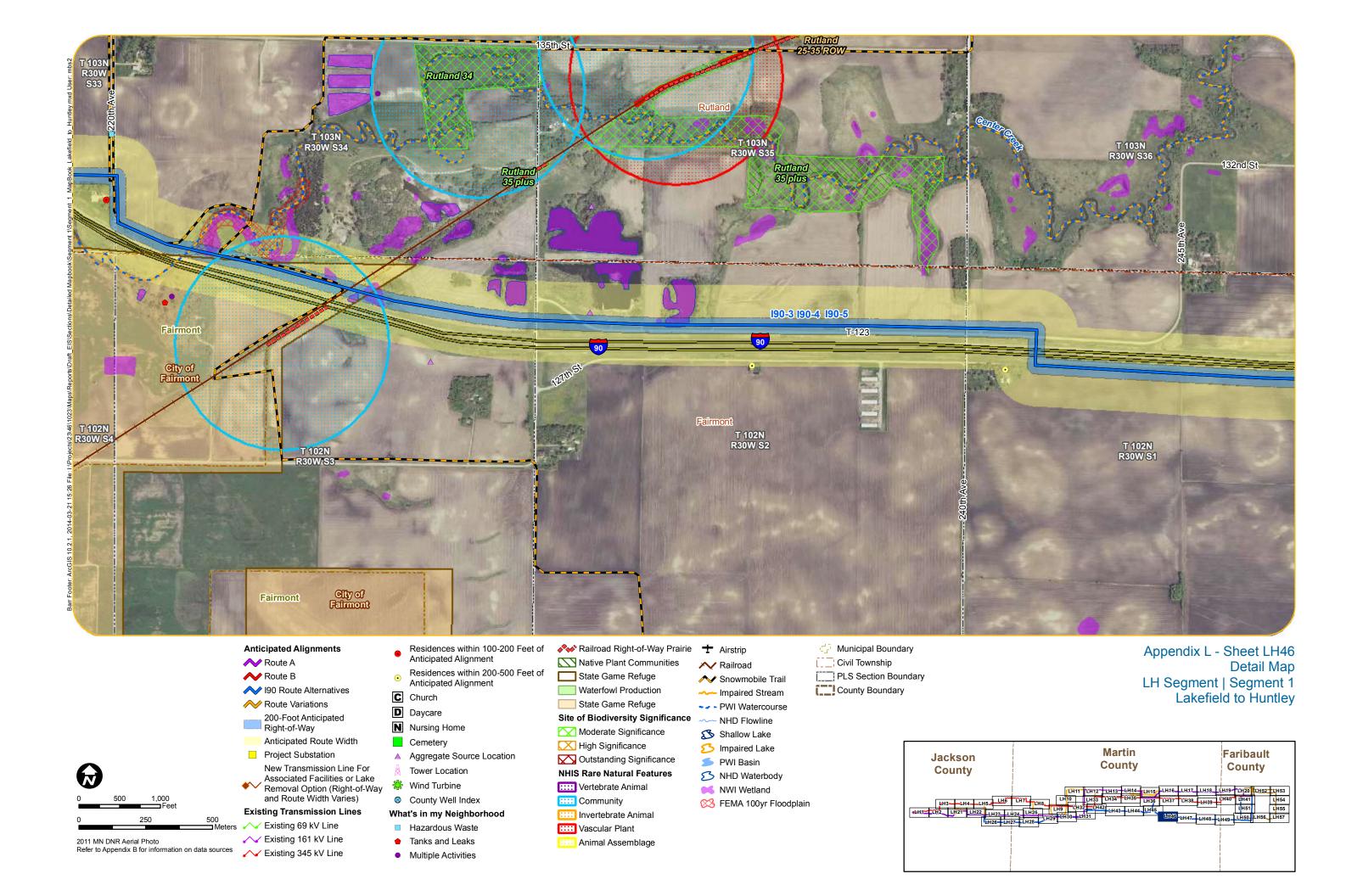
Animal Assemblage

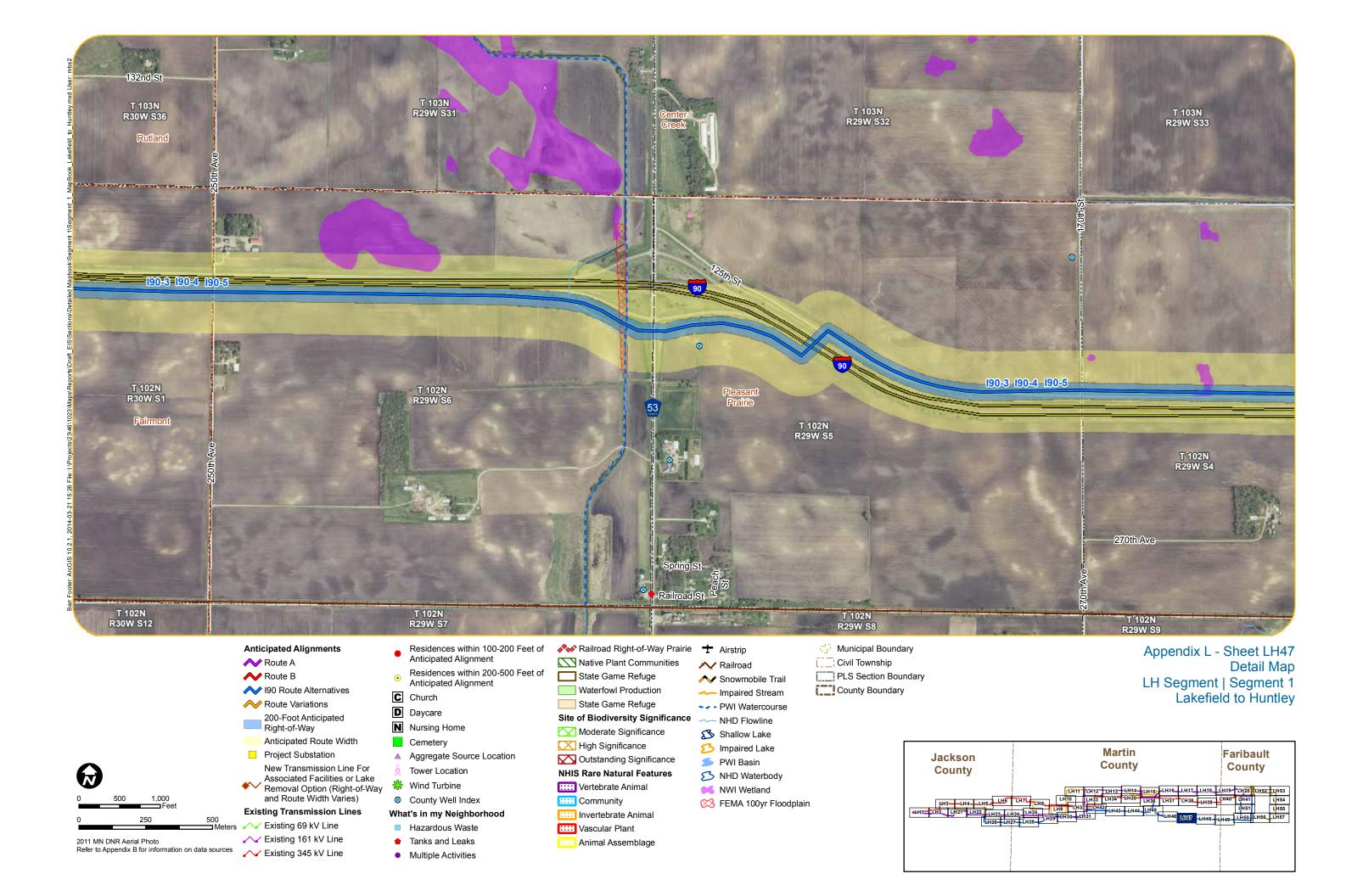
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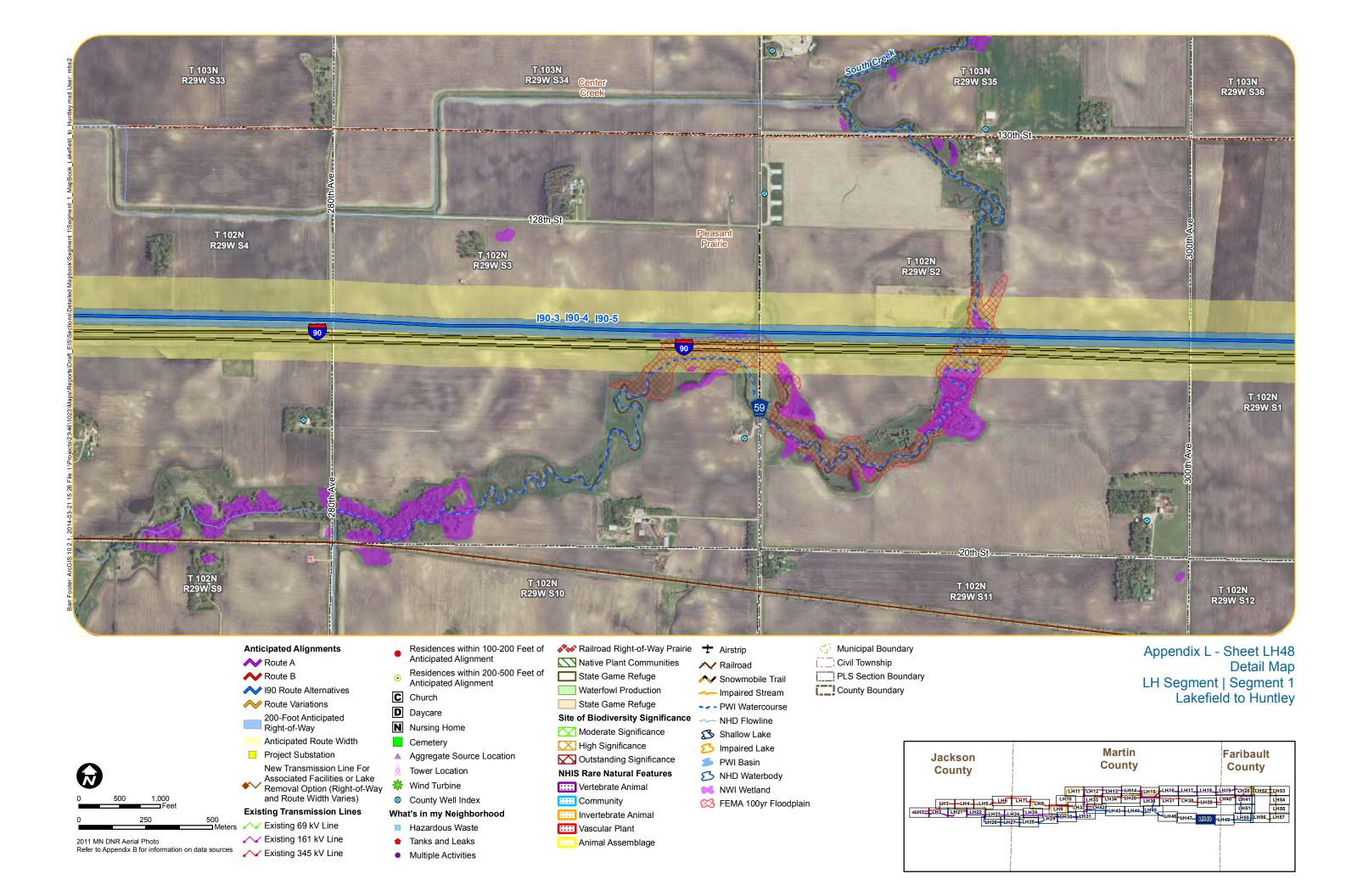


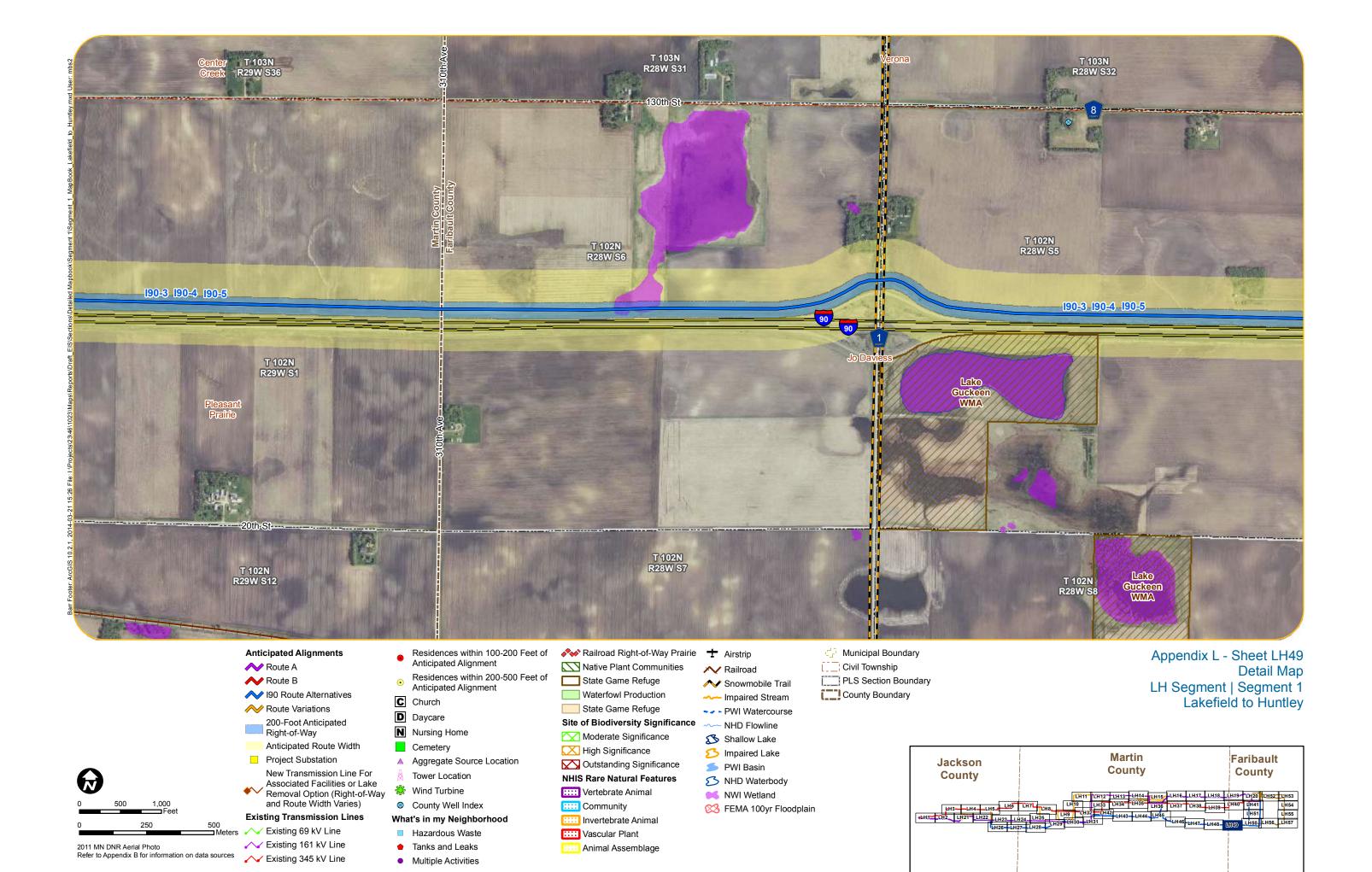


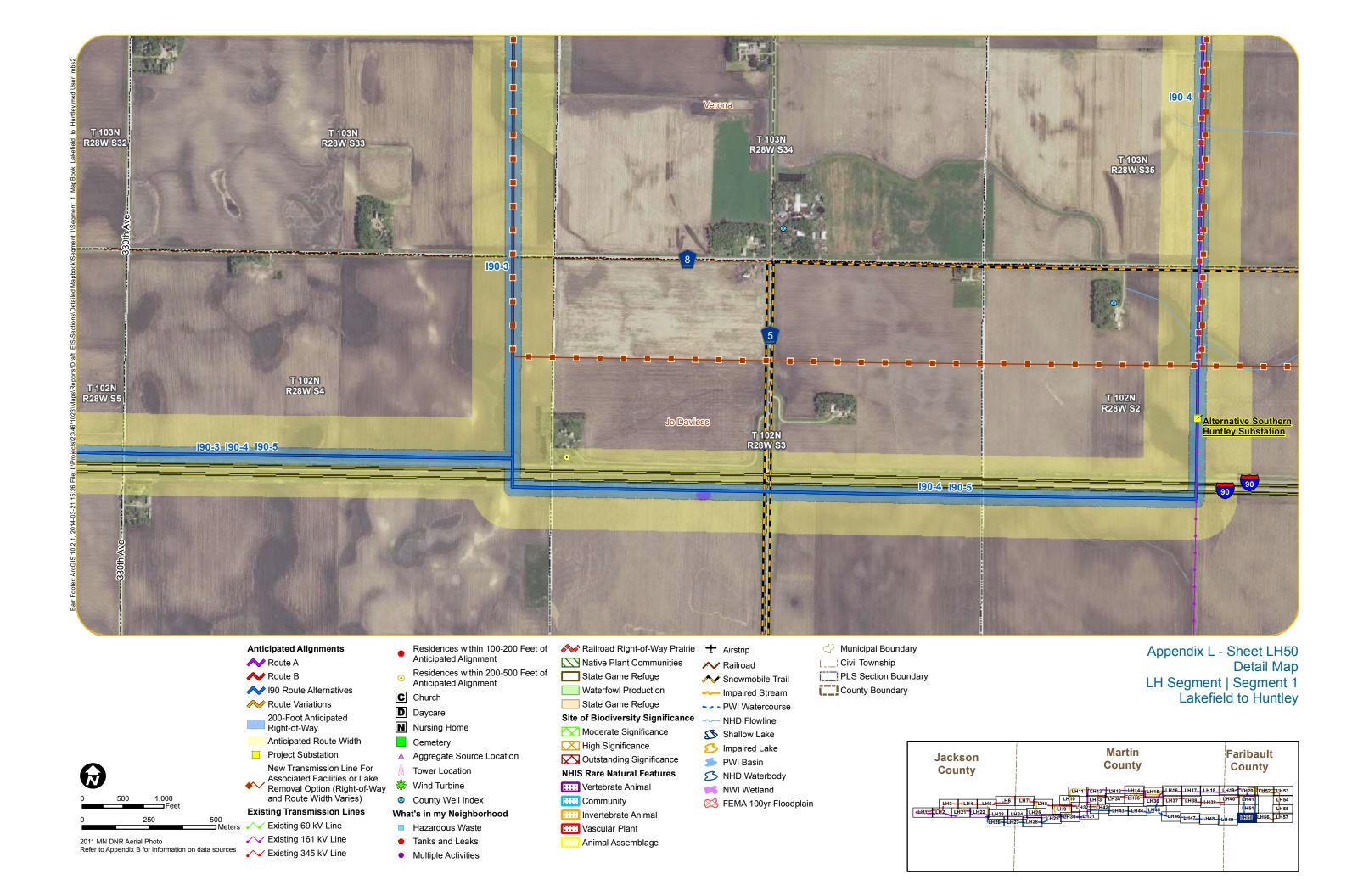


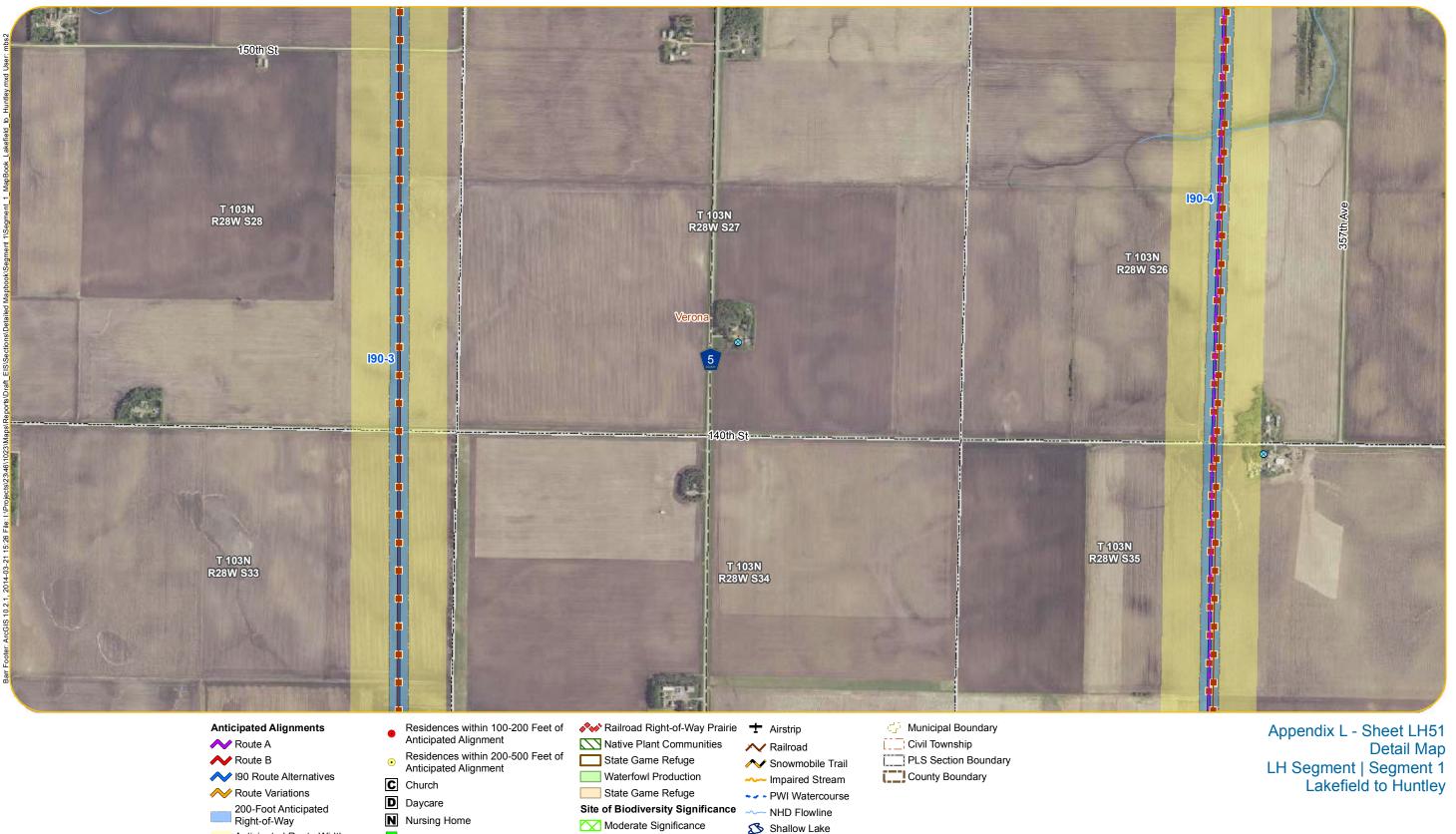


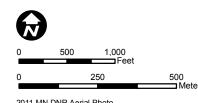












Anticipated Route Width

and Route Width Varies)

Project Substation

New Transmission Line For Associated Facilities or Lake Removal Option (Right-of-Way

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Invertebrate Animal

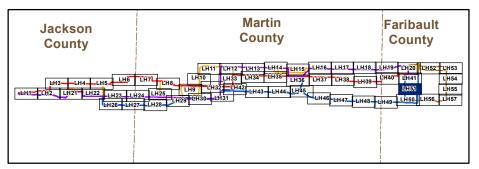
Animal Assemblage

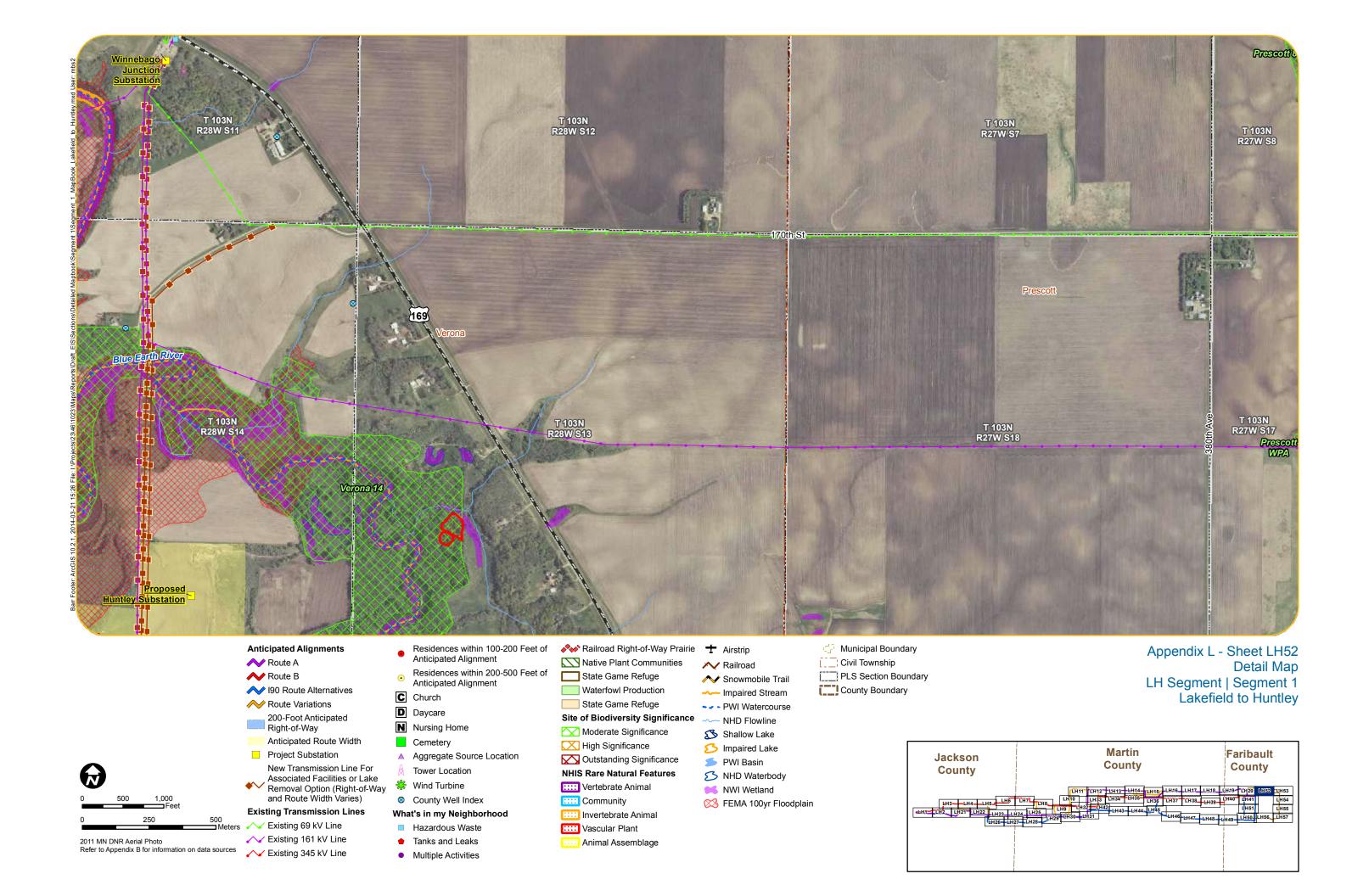
Wascular Plant

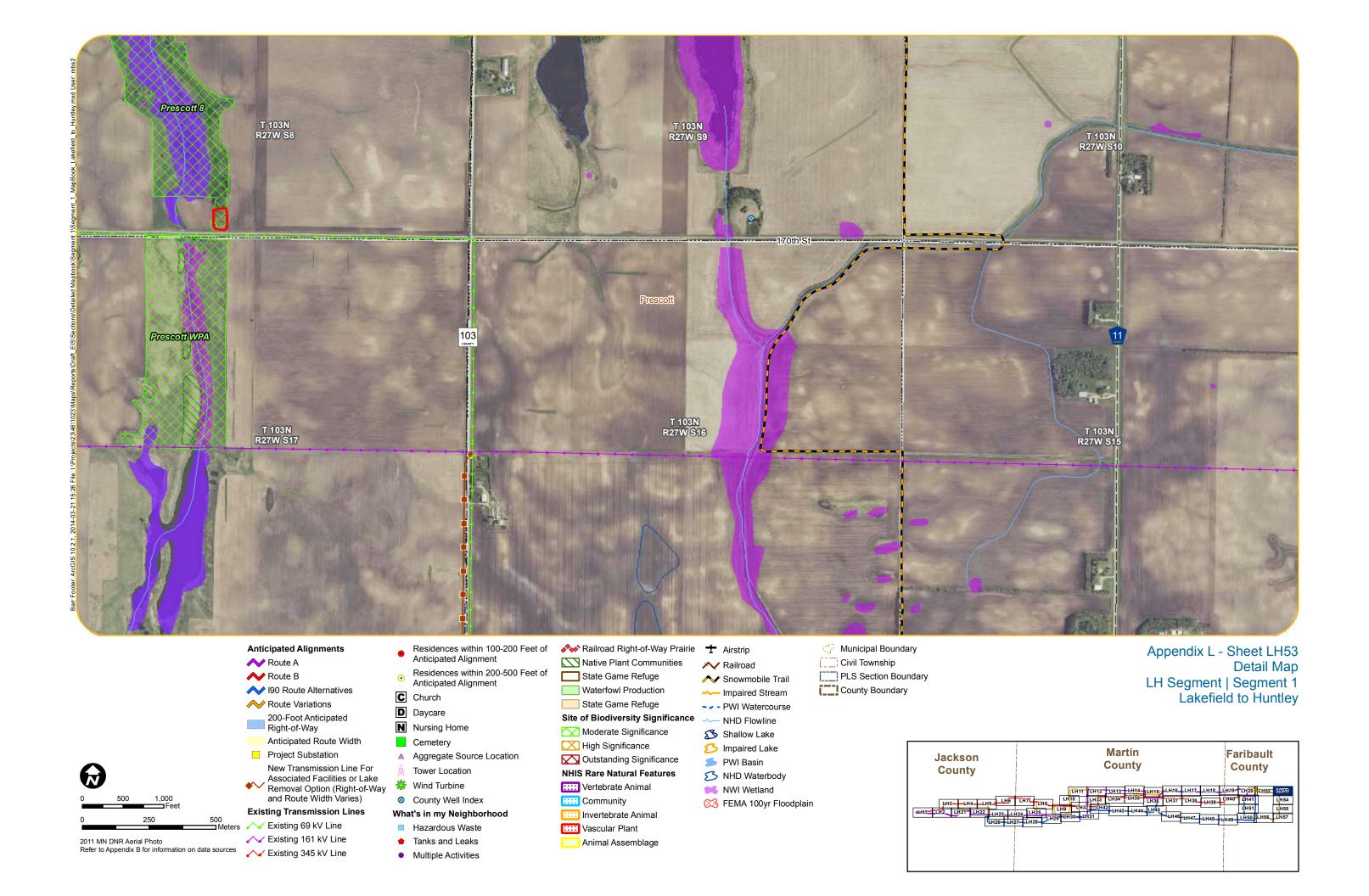
5 Impaired Lake

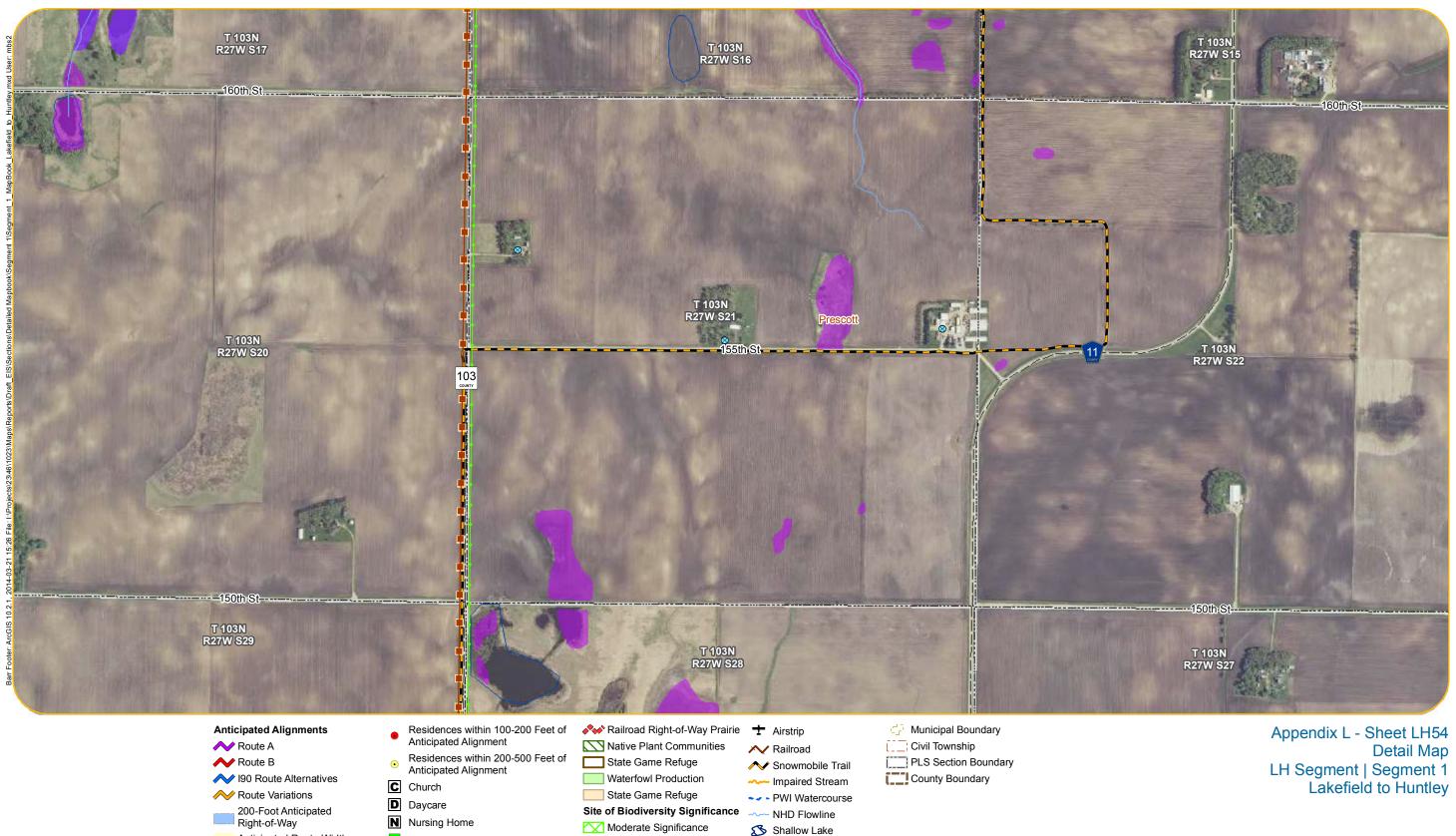
PWI Basin NHD Waterbody

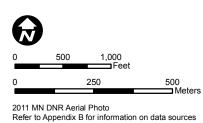
NWI Wetland Kanada Ka











Existing Transmission Lines Existing 69 kV Line Existing 161 kV Line

Existing 345 kV Line

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and Route Width Varies)

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5 Impaired Lake

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Kanada Ka

NWI Wetland

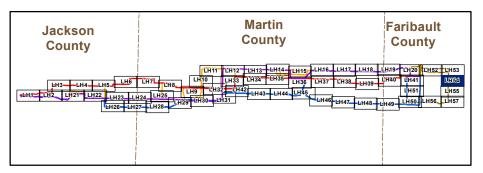
PWI Basin

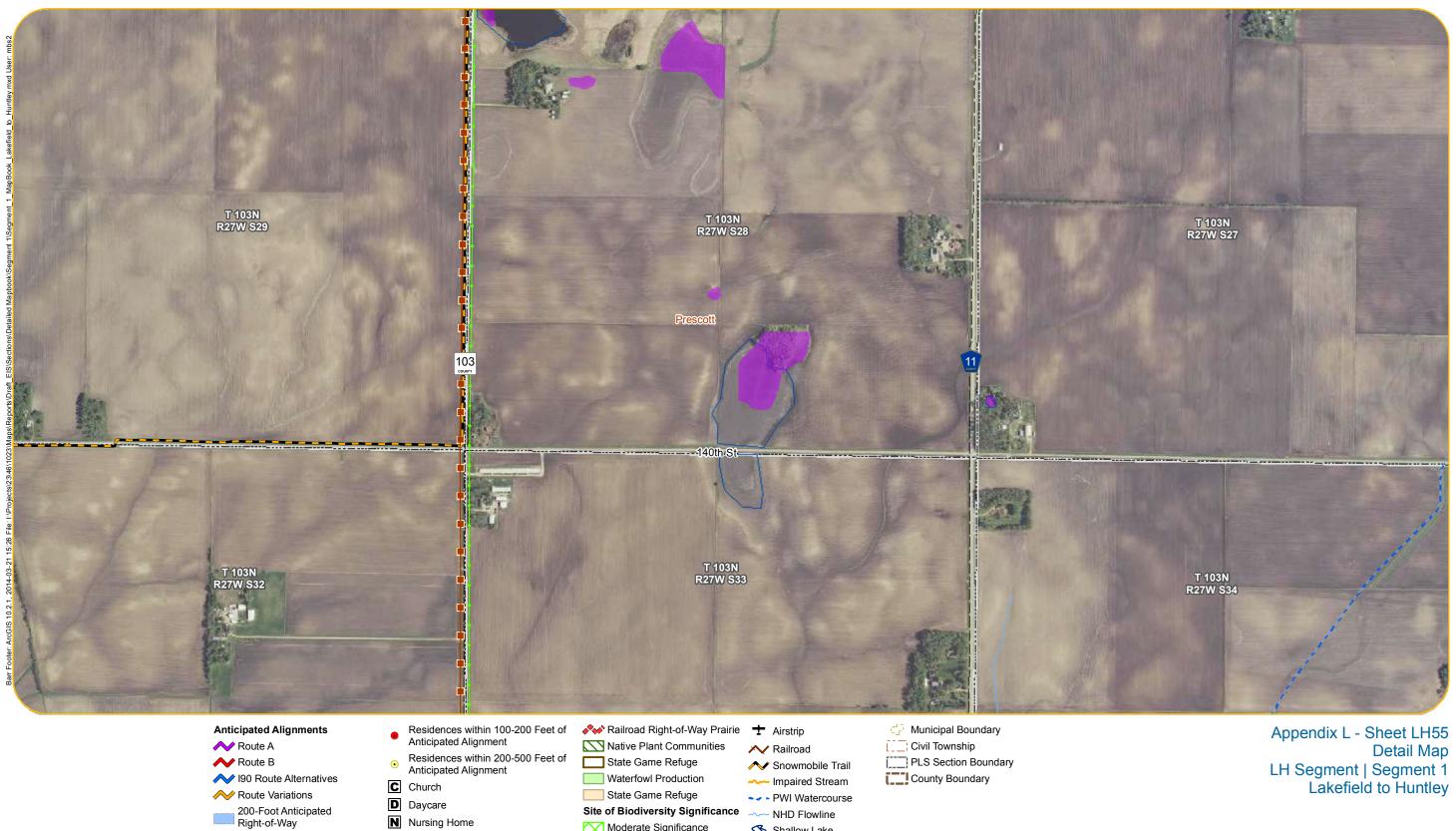
NHIS Rare Natural Features

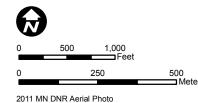
:::: Vertebrate Animal Community

Invertebrate Animal Wascular Plant

Animal Assemblage







2011 MN DNR Aerial Photo
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Existing 161 KV Line

Existing 345 kV Line

Anticipated Route Width Project Substation

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:::: Vertebrate Animal Community

Invertebrate Animal Vascular Plant

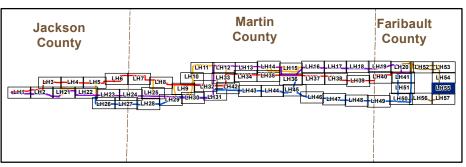
Animal Assemblage

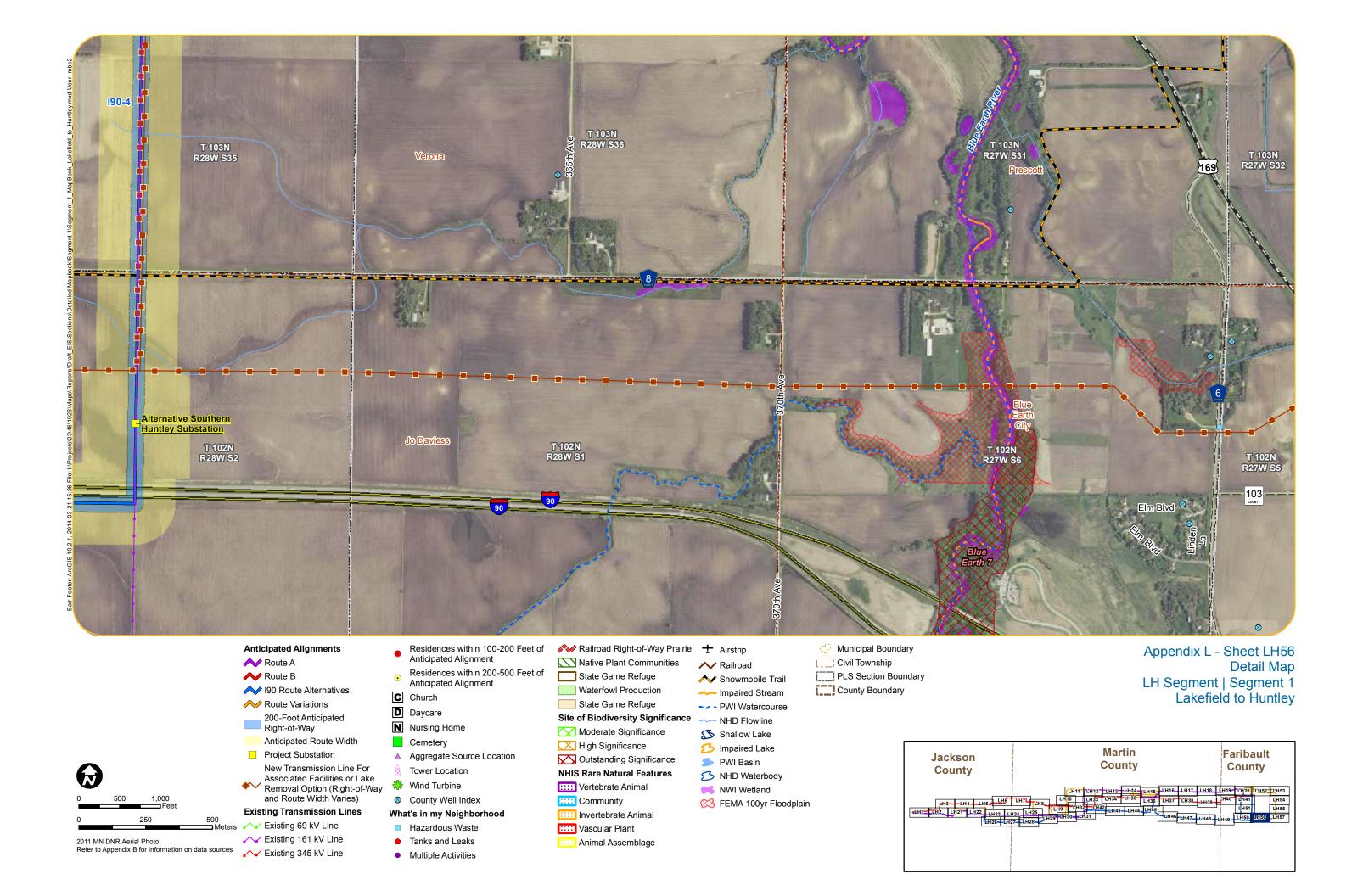
Shallow Lake 5 Impaired Lake

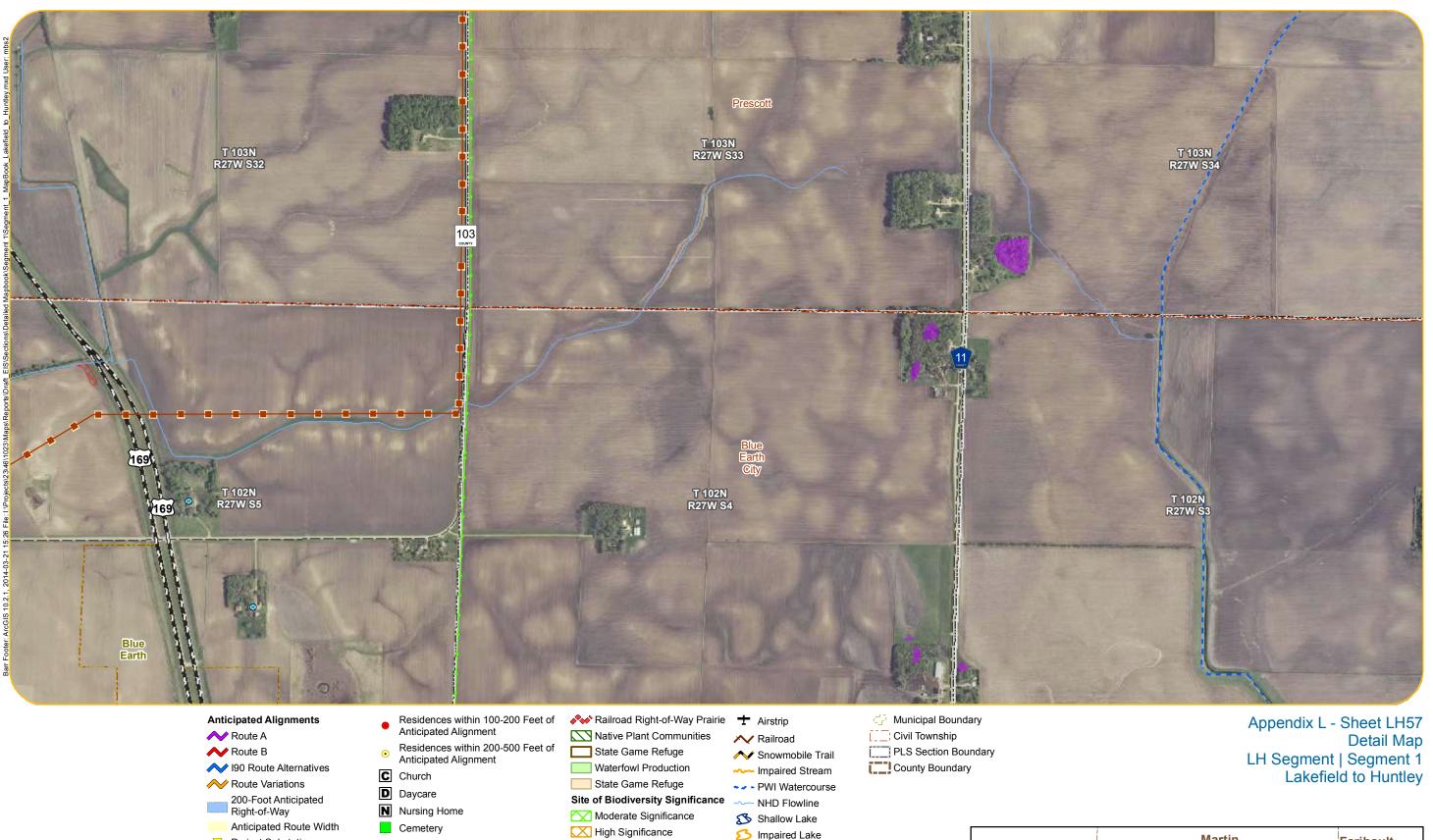
PWI Basin

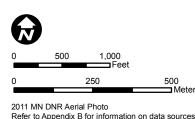
NHD Waterbody NWI Wetland

Kanada Ka









Project Substation

New Transmission Line For Associated Facilities or Lake Removal Option (Right-of-Way and Route Width Varies)

Existing Transmission Lines

Existing 69 kV Line

Existing 161 kV Line Existing 345 kV Line ▲ Aggregate Source Location

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NHIS Rare Natural Features :::: Vertebrate Animal

Community

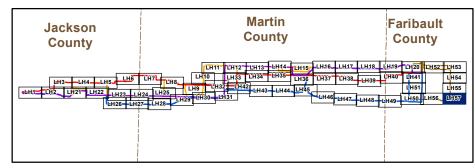
Invertebrate Animal Vascular Plant

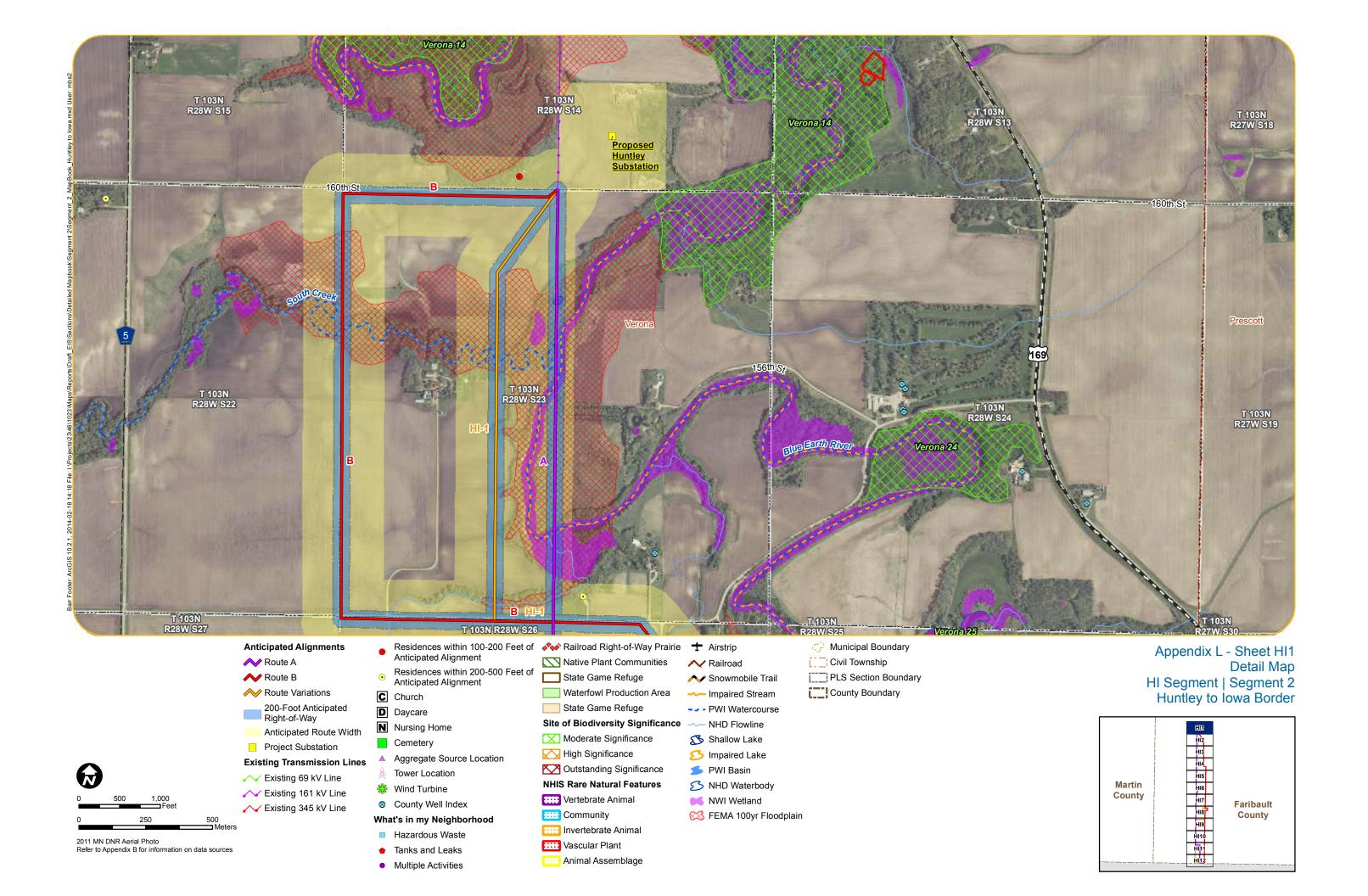
Animal Assemblage

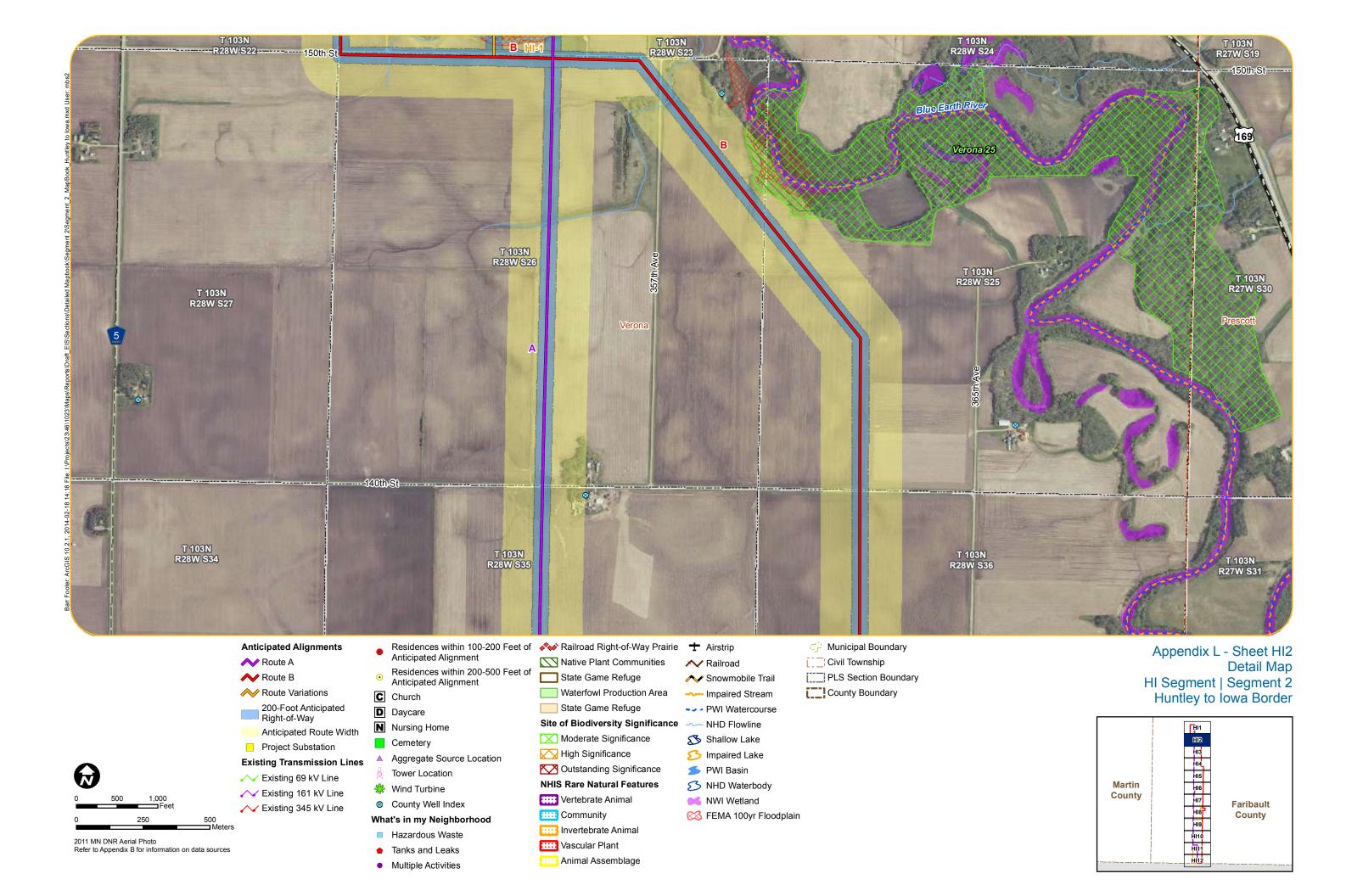
PWI Basin

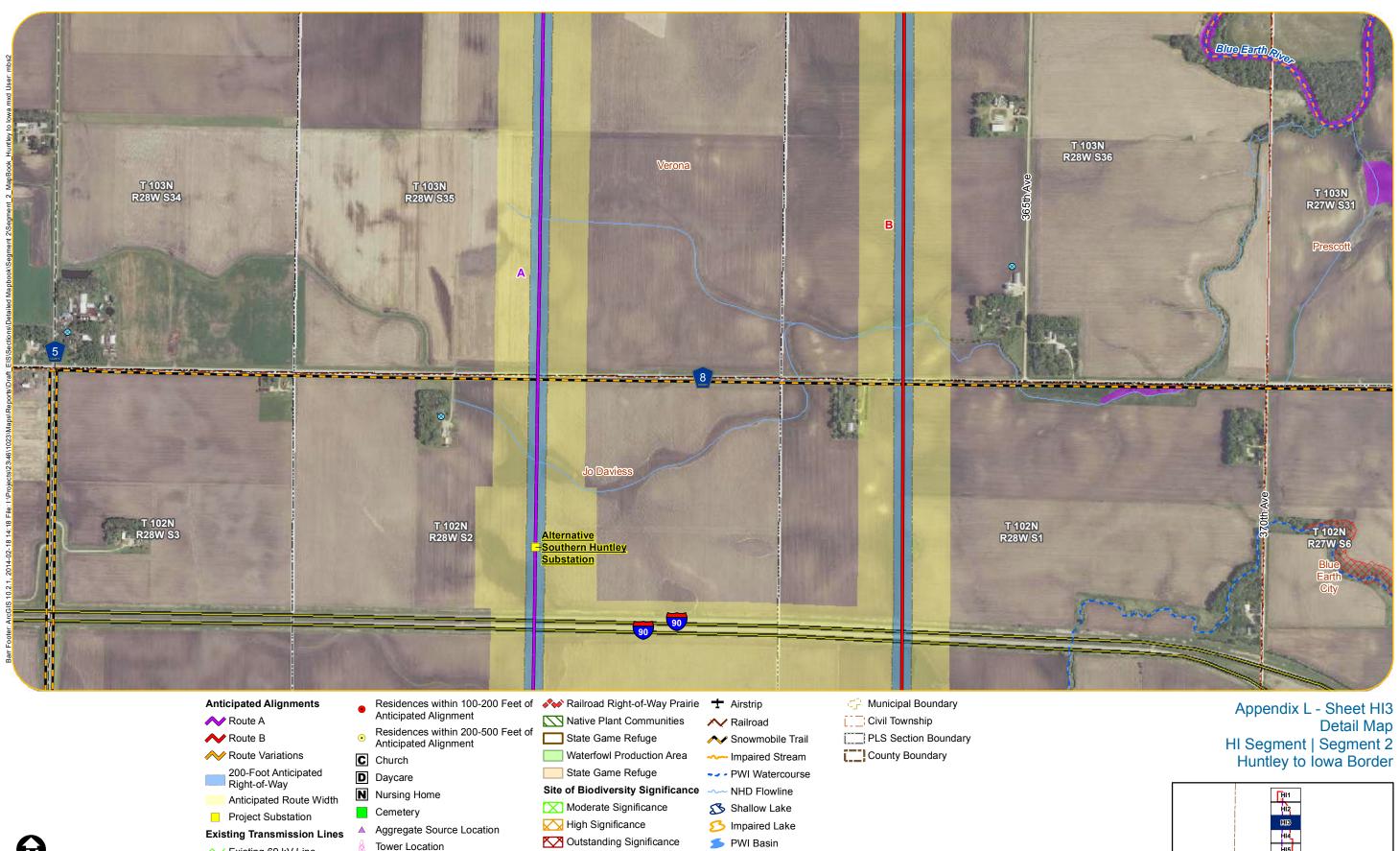
NHD Waterbody

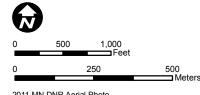
NWI Wetland Kanada Ka











- Existing 69 kV Line
- Existing 161 kV Line
- ⊗ County Well Index Existing 345 kV Line
 - What's in my Neighborhood
 - Hazardous Waste
 - Tanks and Leaks

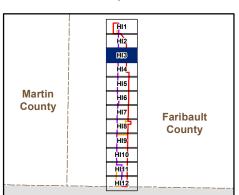
Wind Turbine

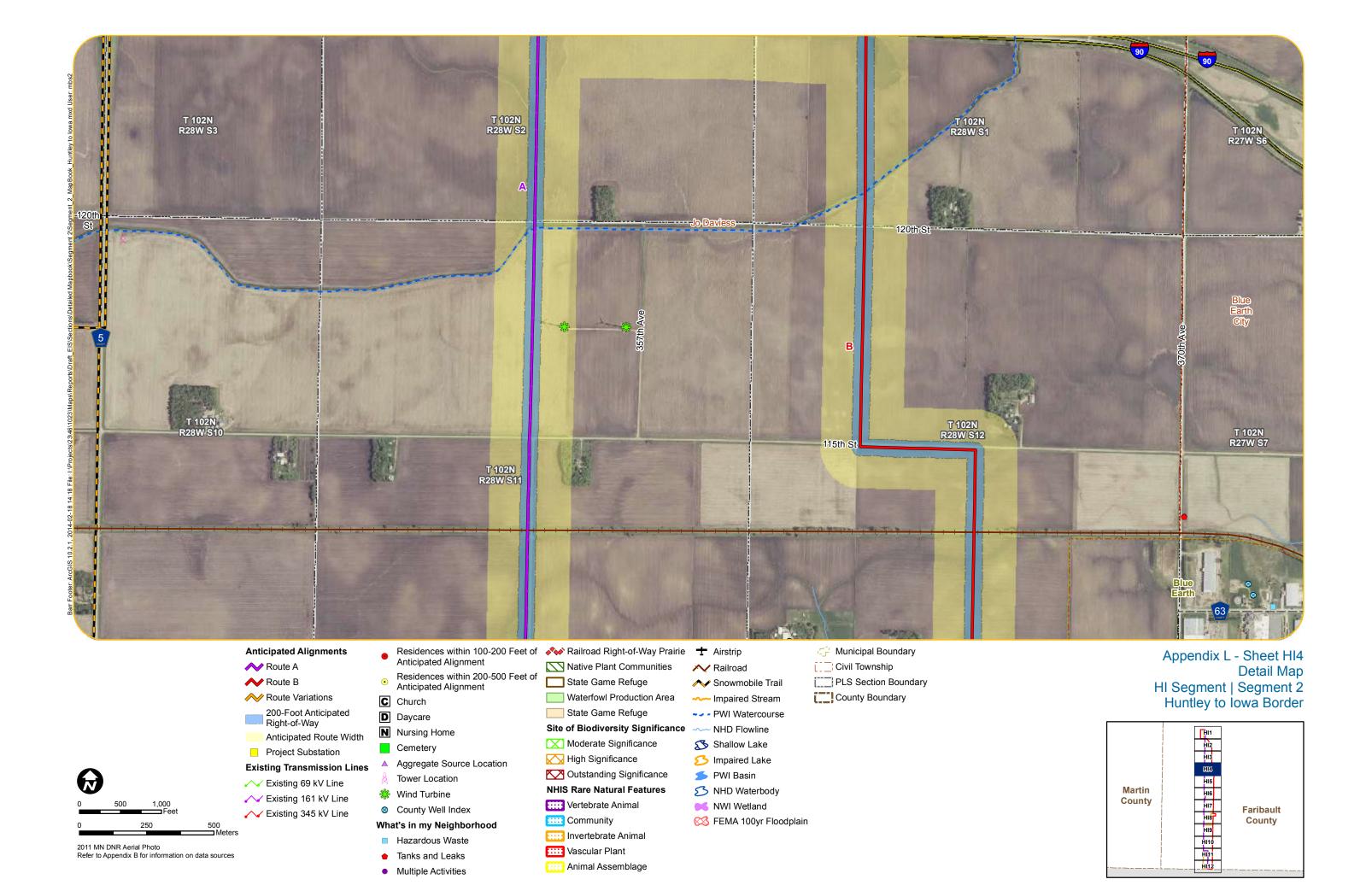
Multiple Activities

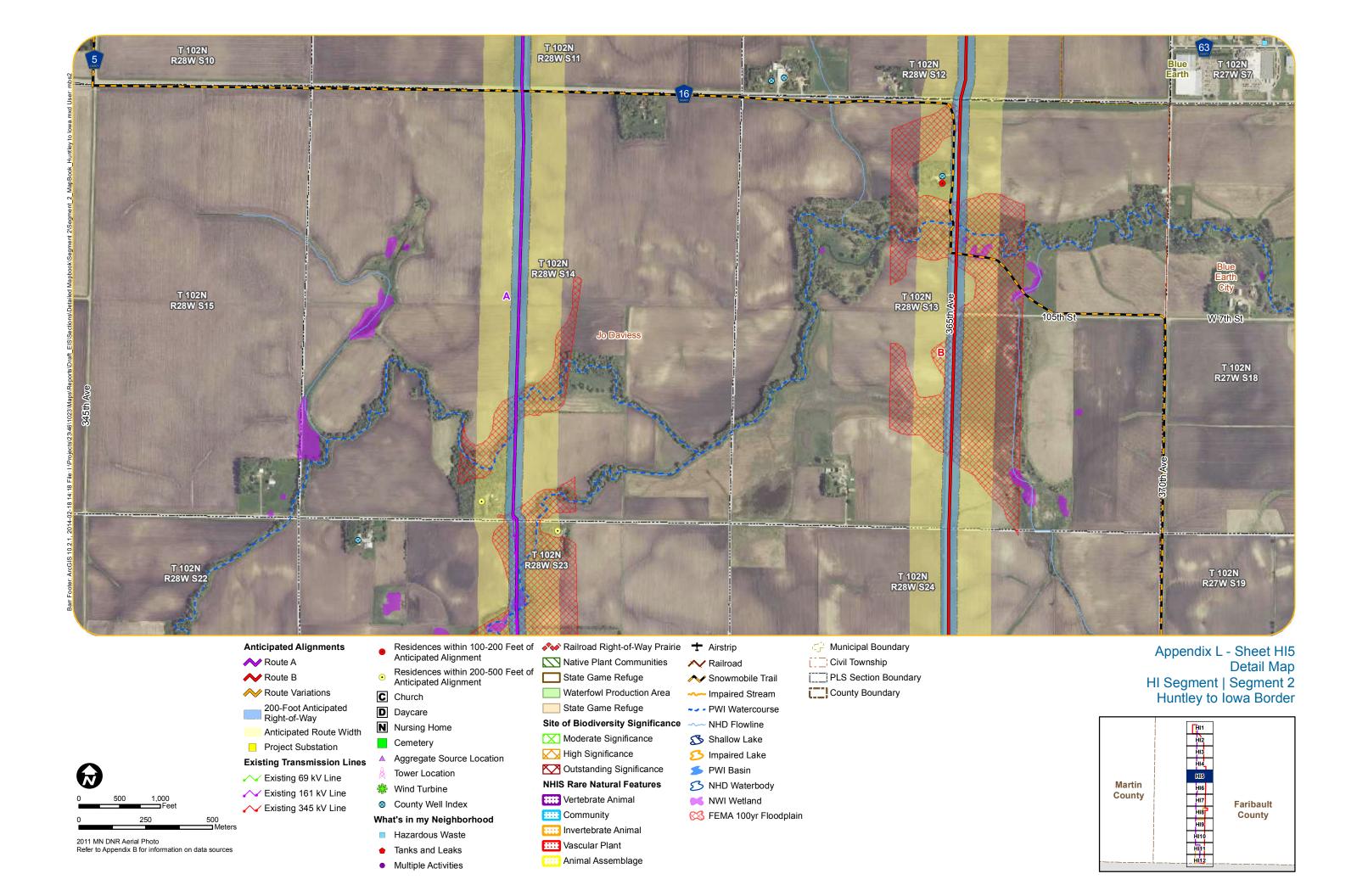
- Outstanding Significance
- **NHIS Rare Natural Features**
- Vertebrate Animal
- Community Invertebrate Animal
- Vascular Plant

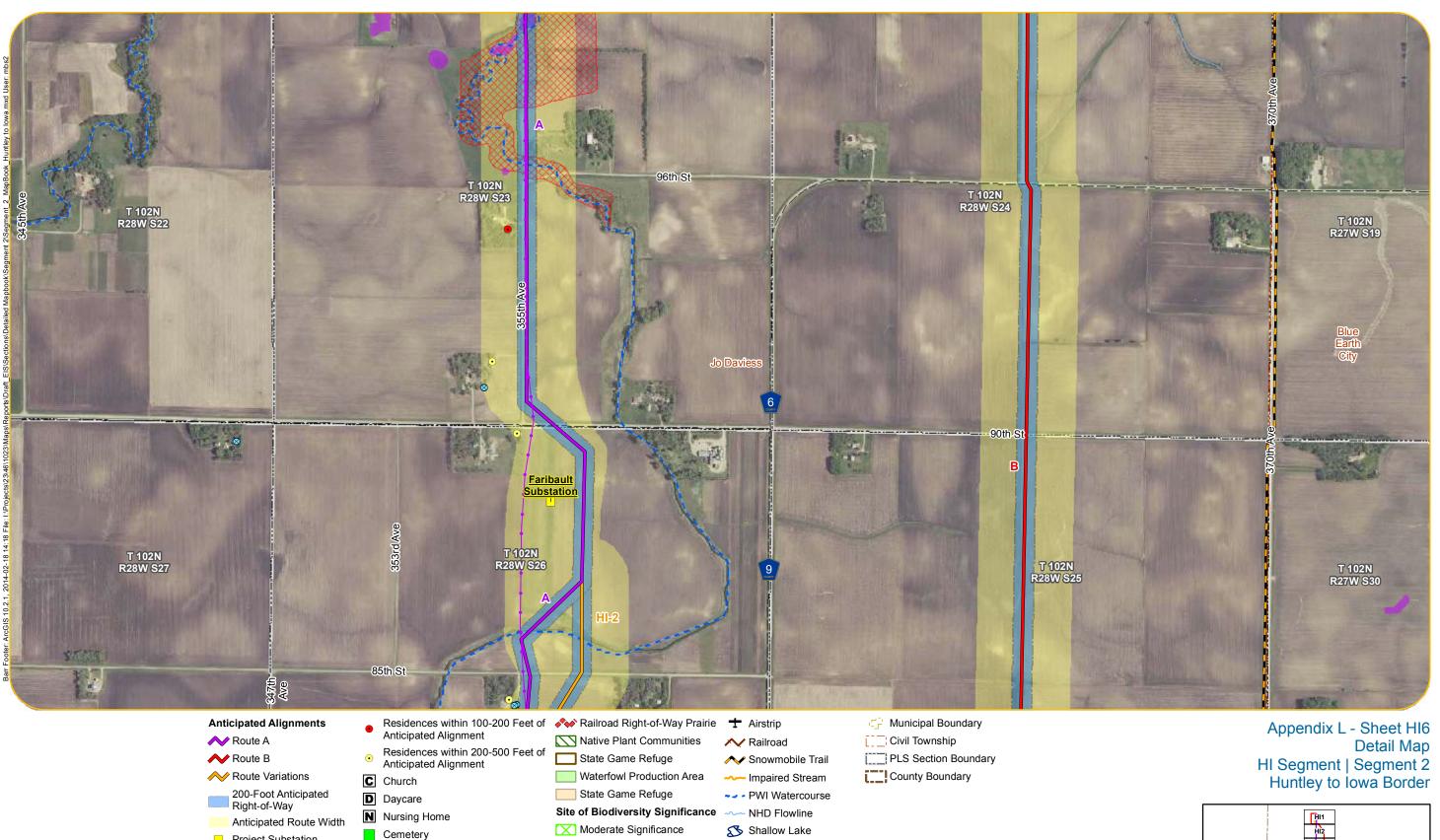
.... Animal Assemblage

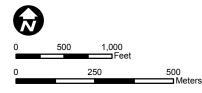
- NHD Waterbody
- NWI Wetland
- K FEMA 100yr Floodplain











- Project Substation ▲ Aggregate Source Location
- **Existing Transmission Lines Tower Location**
- Existing 161 kV Line

Existing 69 kV Line

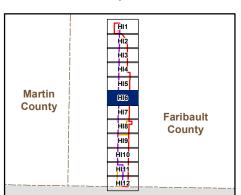
- ⊗ County Well Index Existing 345 kV Line
 - What's in my Neighborhood

Wind Turbine

- Hazardous Waste
- Tanks and Leaks
- Multiple Activities

- High Significance
- Outstanding Significance
- **NHIS Rare Natural Features** Vertebrate Animal
- Community
- Invertebrate Animal
- Vascular Plant Animal Assemblage

- 55 Impaired Lake PWI Basin
- NHD Waterbody NWI Wetland
- K FEMA 100yr Floodplain





0 500 1,000 Feet 0 250 500 Meter

2011 MN DNR Aerial Photo Refer to Appendix B for information on data sources Wind Turbine

Existing 161 kV Line

Existing 345 kV Line

⊗ County Well Index

What's in my Neighborhood

- Hazardous Waste
- Tanks and Leaks
- Multiple Activities

NHIS Rare Natural Features

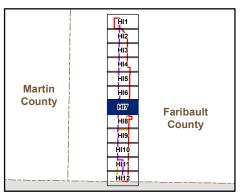
Vertebrate Animal
Community

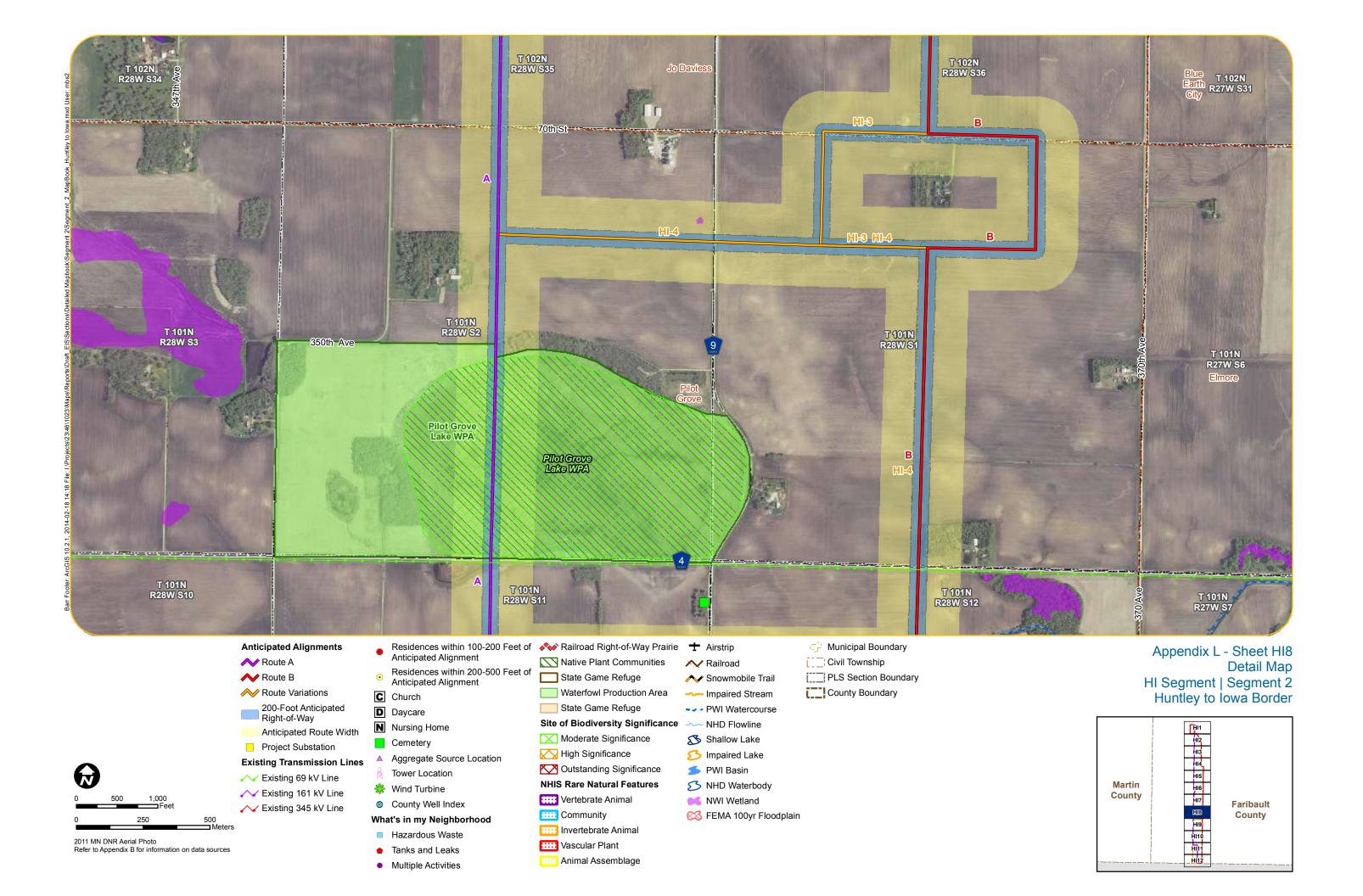
Invertebrate Animal

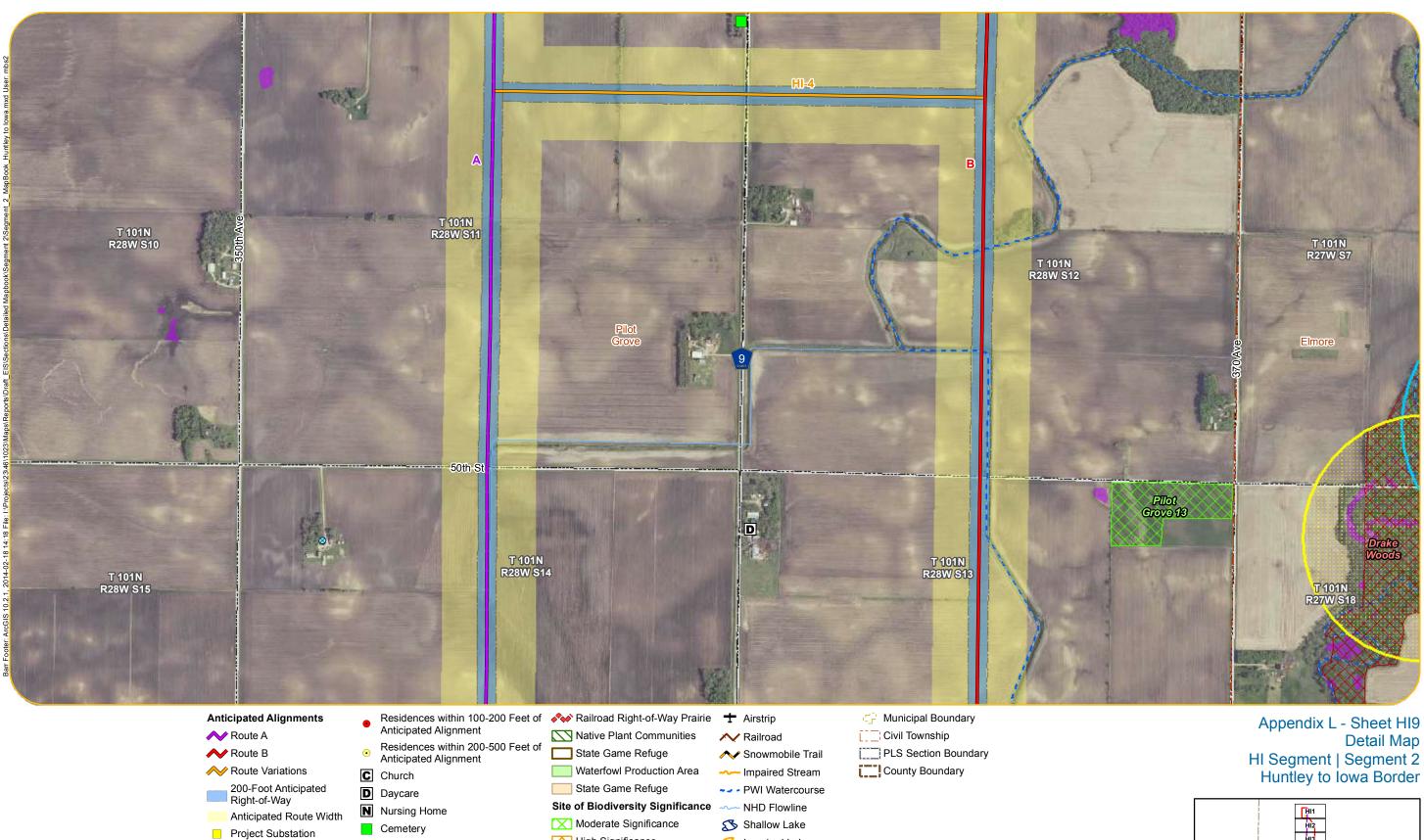
Vascular Plant
Animal Assemblage

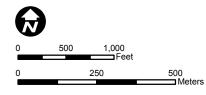
NHD Waterbody
NWI Wetland

K FEMA 100yr Floodplain









Cemetery

Existing Transmission Lines

Existing 69 kV Line

Existing 161 kV Line

Existing 345 kV Line

▲ Aggregate Source Location

Tower Location

Wind Turbine

⊗ County Well Index

What's in my Neighborhood

- Hazardous Waste
- Tanks and Leaks
- Multiple Activities

High Significance Outstanding Significance

NHIS Rare Natural Features

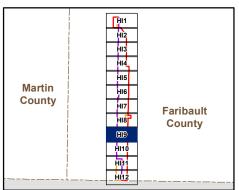
Vertebrate Animal

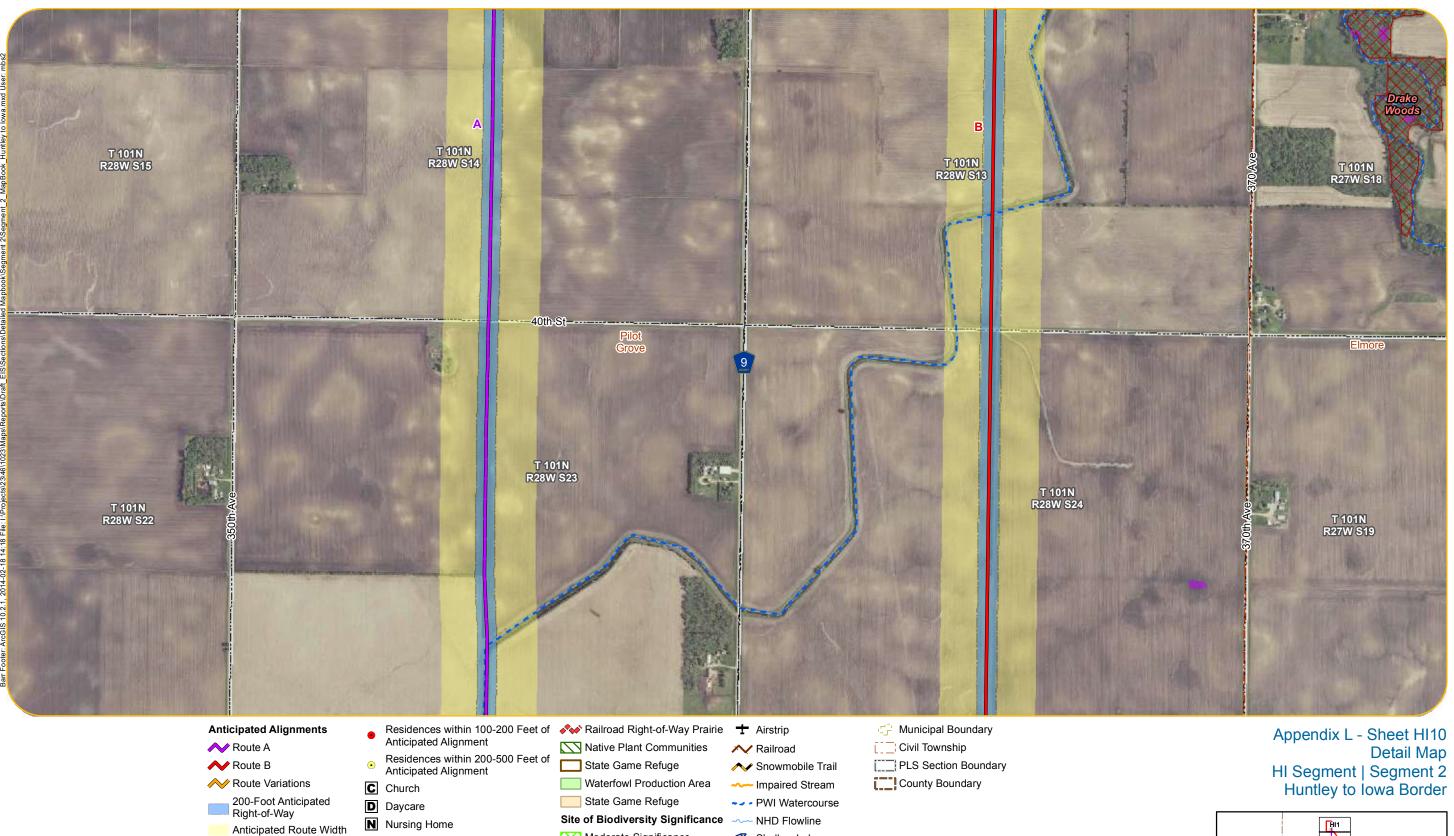
Community Invertebrate Animal

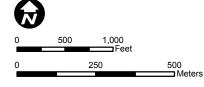
Vascular Plant Animal Assemblage 55 Impaired Lake PWI Basin

NHD Waterbody

NWI Wetland K FEMA 100yr Floodplain







- Cemetery Project Substation

Existing 345 kV Line

- ▲ Aggregate Source Location **Existing Transmission Lines**
 - **Tower Location**
- Existing 69 kV Line **Wind Turbine**
- Existing 161 kV Line ⊗ County Well Index

What's in my Neighborhood

- Hazardous Waste
- Tanks and Leaks
- Multiple Activities

- Moderate Significance
- High Significance Outstanding Significance
- **NHIS Rare Natural Features**
- Vertebrate Animal Community
- Invertebrate Animal
- Vascular Plant Animal Assemblage

- Shallow Lake
- 55 Impaired Lake PWI Basin
- NHD Waterbody
- NWI Wetland K FEMA 100yr Floodplain

