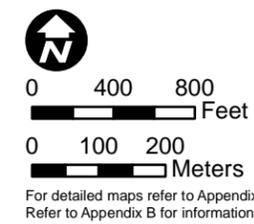


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- Route A
- Route B
- I90 Route Alternatives
- Route Variations
- Project Substations
- Existing Transmission Lines**
- Existing 161 kV Line

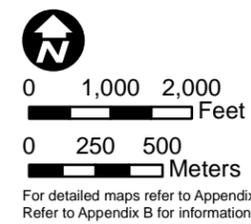
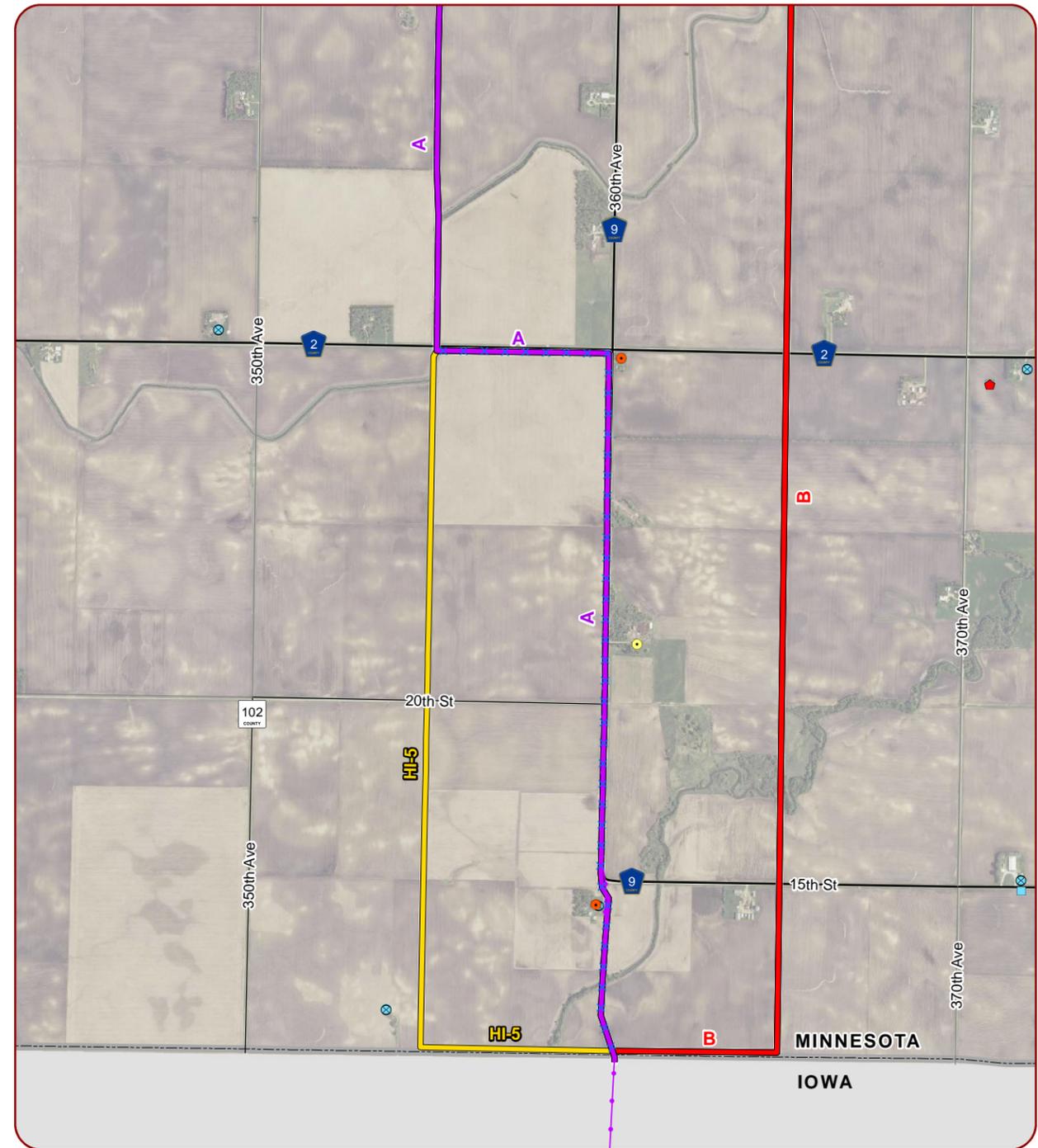
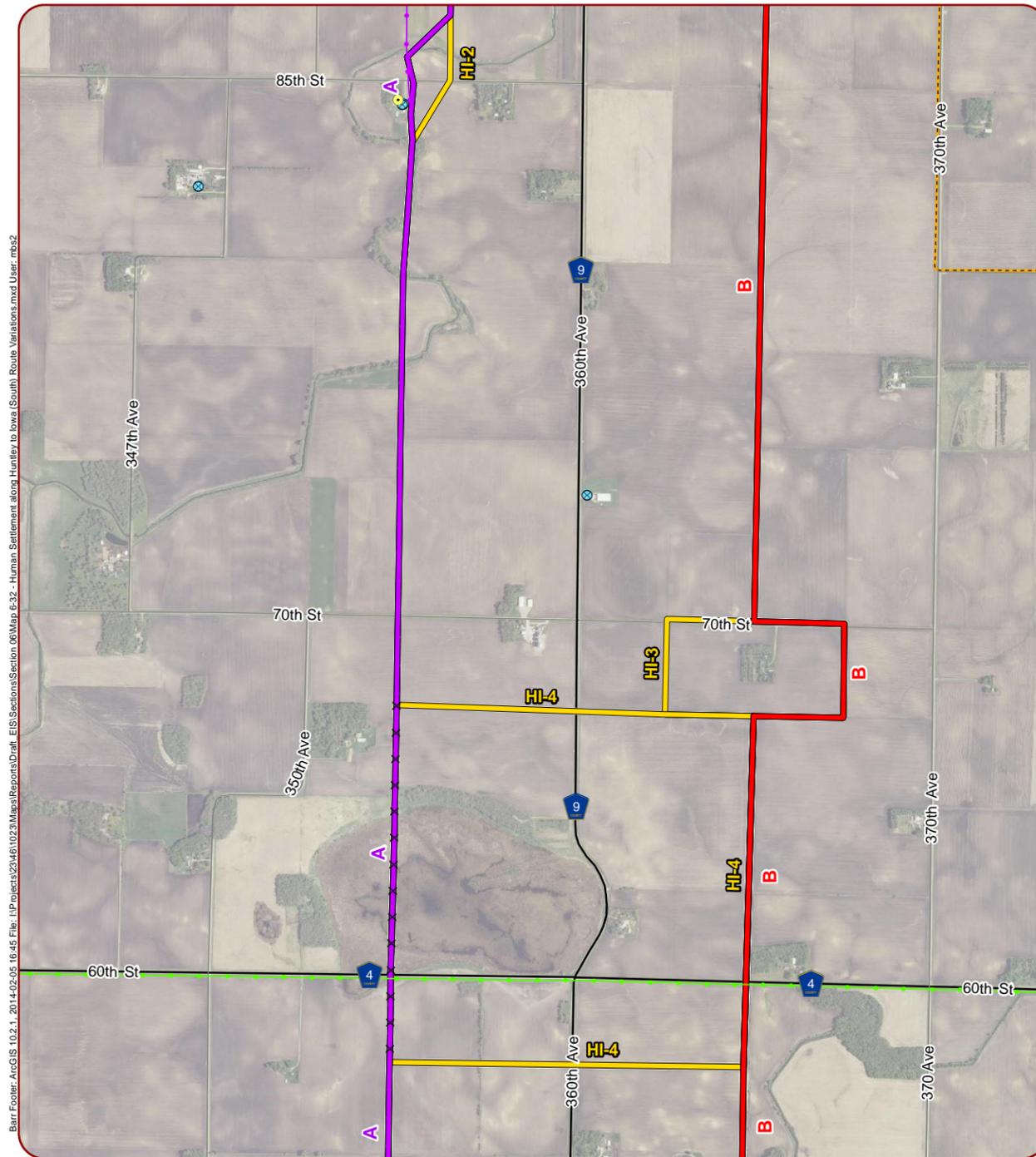
Existing 161kV Line to be Removed in Conjunction with Route Variation HI-1.

- Residences within 100-200 Feet of Anticipated Alignment
- Residences within 200-500 Feet of Anticipated Alignment
- County Well Index

- Streets and Highways**
- County State-Aid Highway
 - Local or Municipal Road

Map 6-31

Human Settlement along Huntley to Iowa Border (North) Route Variations
Minnesota-Iowa 345 kV Transmission Project
ITC Midwest LLC



- Route A
- Route B
- Route Variations
- Existing Transmission Lines**
- Existing 69 kV Line
- Existing 161 kV Line

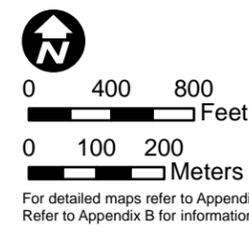
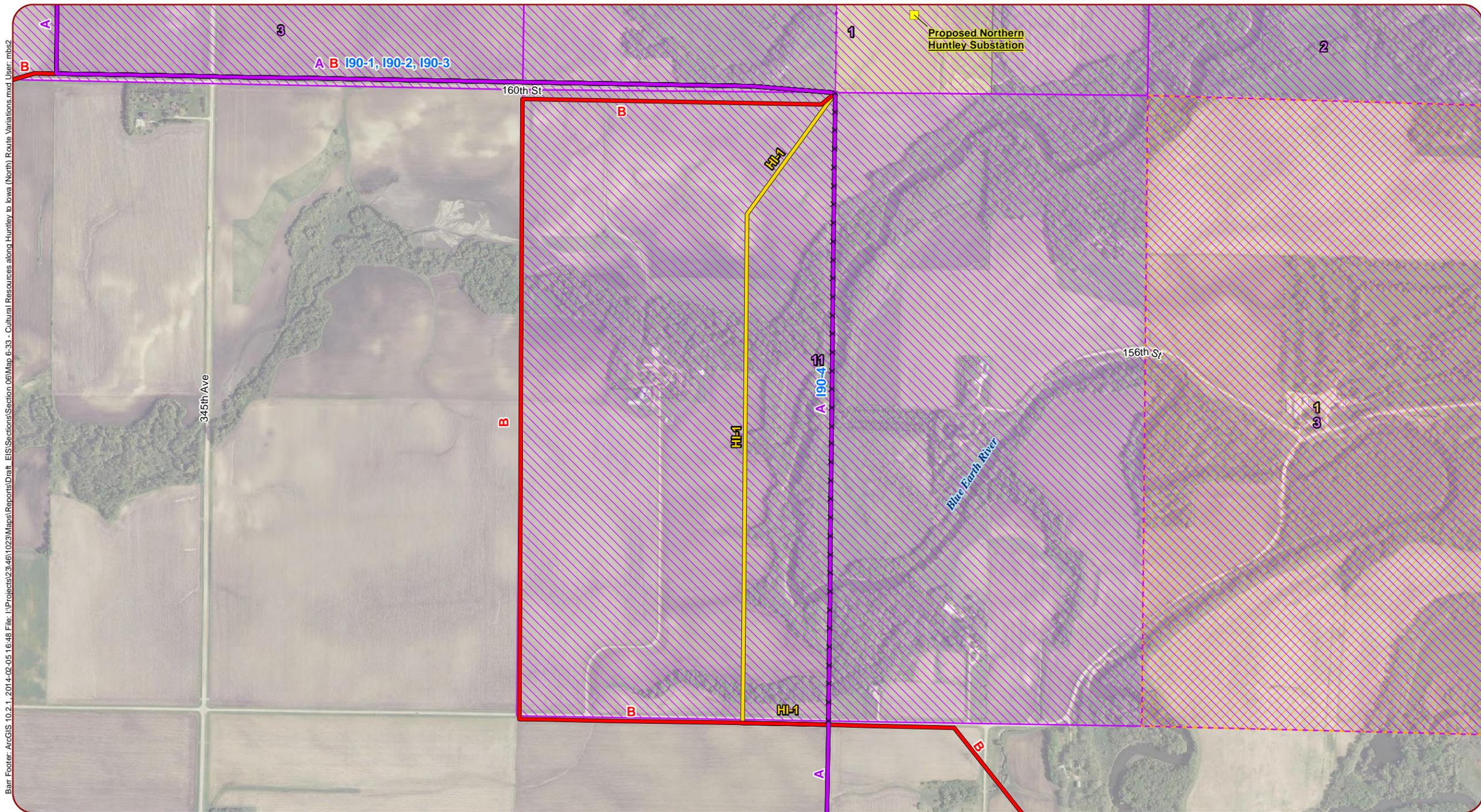
- Existing 161kV Line to be Removed in Conjunction with Route Variation HI-4
- Existing 161kV Line to be Removed in Conjunction with Route A and Route Variation HI-5

- Residences within 100-200 Feet of Anticipated Alignment
- Residences within 200-500 Feet of Anticipated Alignment
- County Well Index
- MPCA Database**
- Tanks and Leaks

- Snowmobile Trail
- Streets and Highways**
- County State-Aid Highway
- Local or Municipal Road
- State Boundary

Map 6-32

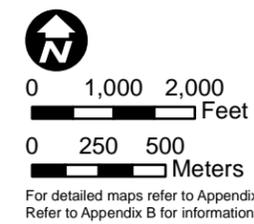
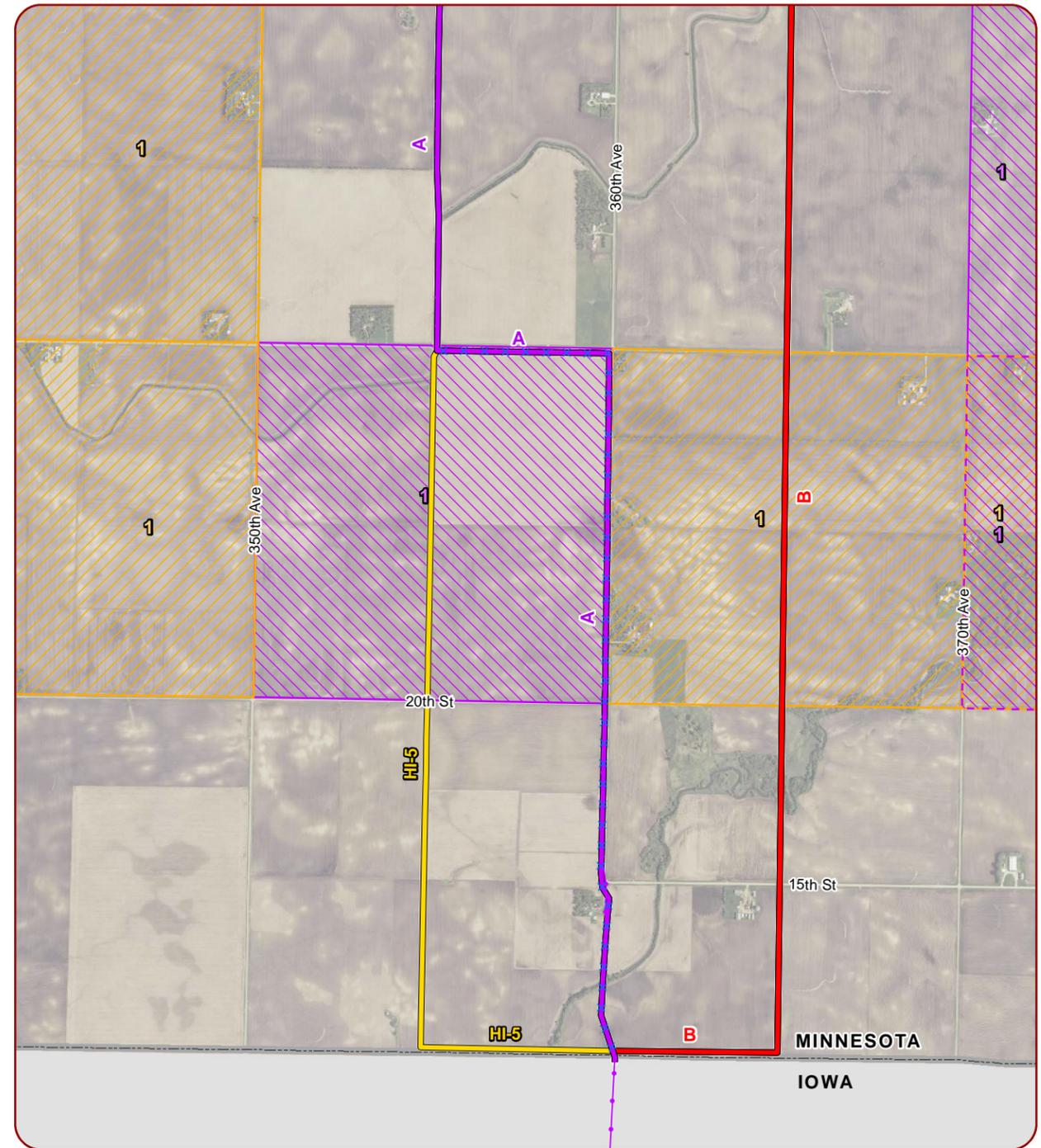
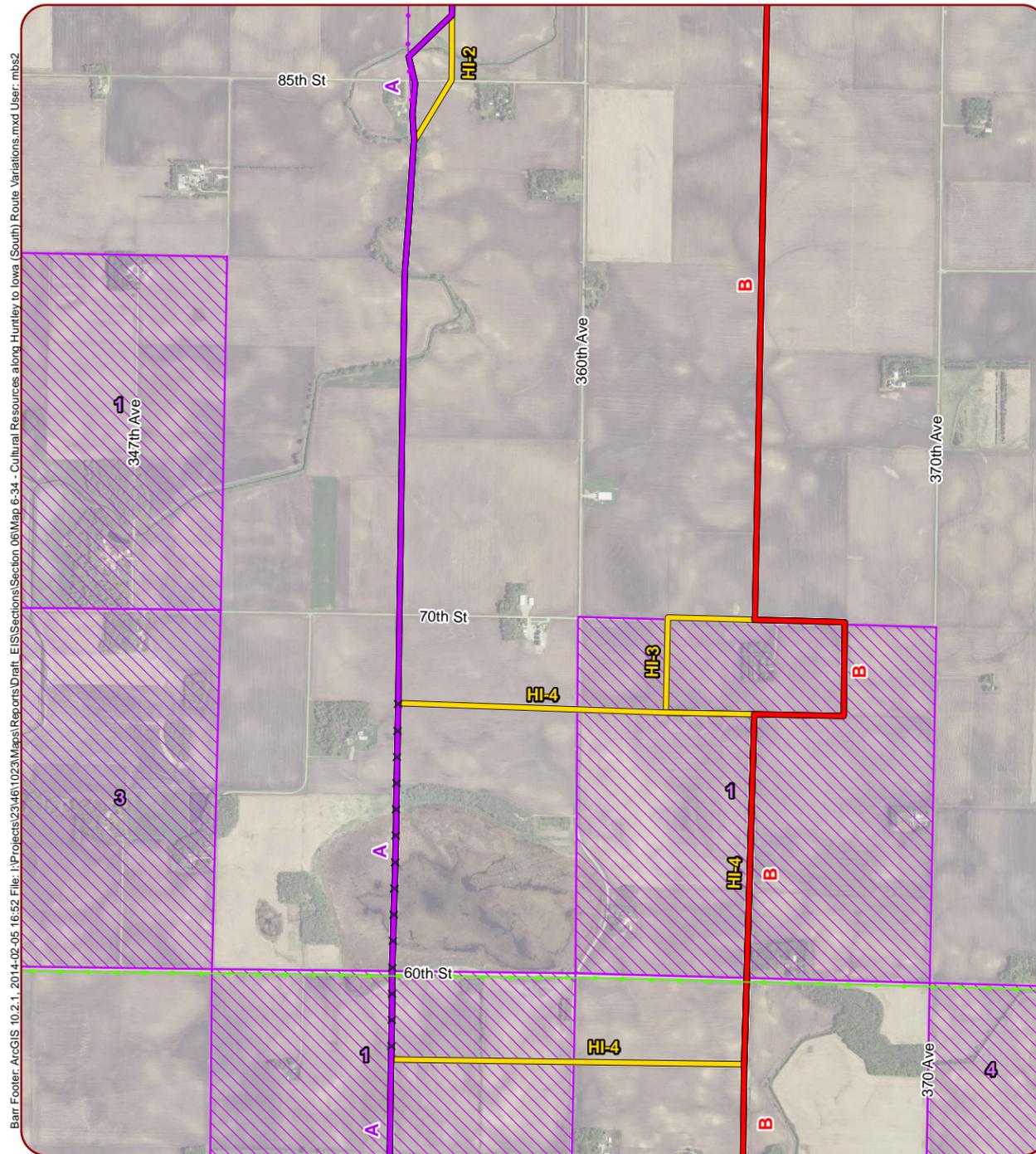
Human Settlement along Huntley to Iowa Border (South) Route Variations
 Minnesota-Iowa 345 kV Transmission Project
 ITC Midwest LLC



- Route A
- Route B
- I90 Route Alternatives
- Route Variations
- Project Substations
- Existing Transmission Lines**
- Existing 161 kV Line
- Existing 161 kV Line to be Removed in Conjunction with Route Variation HI-1.
- Section Containing Historical Resource(s) (Labeled with Number of Features)
- Section Containing Archaeological Resource(s) (Labeled with Number of Features)

Map 6-33

Cultural Resources along Huntley to Iowa Border (North) Route Variations
 Minnesota-Iowa 345 kV Transmission Project
 ITC Midwest LLC



- Route A
- Route B
- Route Variations
- Existing Transmission Lines**
- Existing 69 kV Line
- Existing 161 kV Line

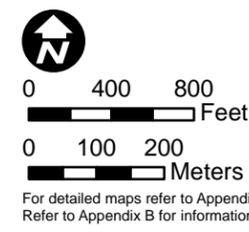
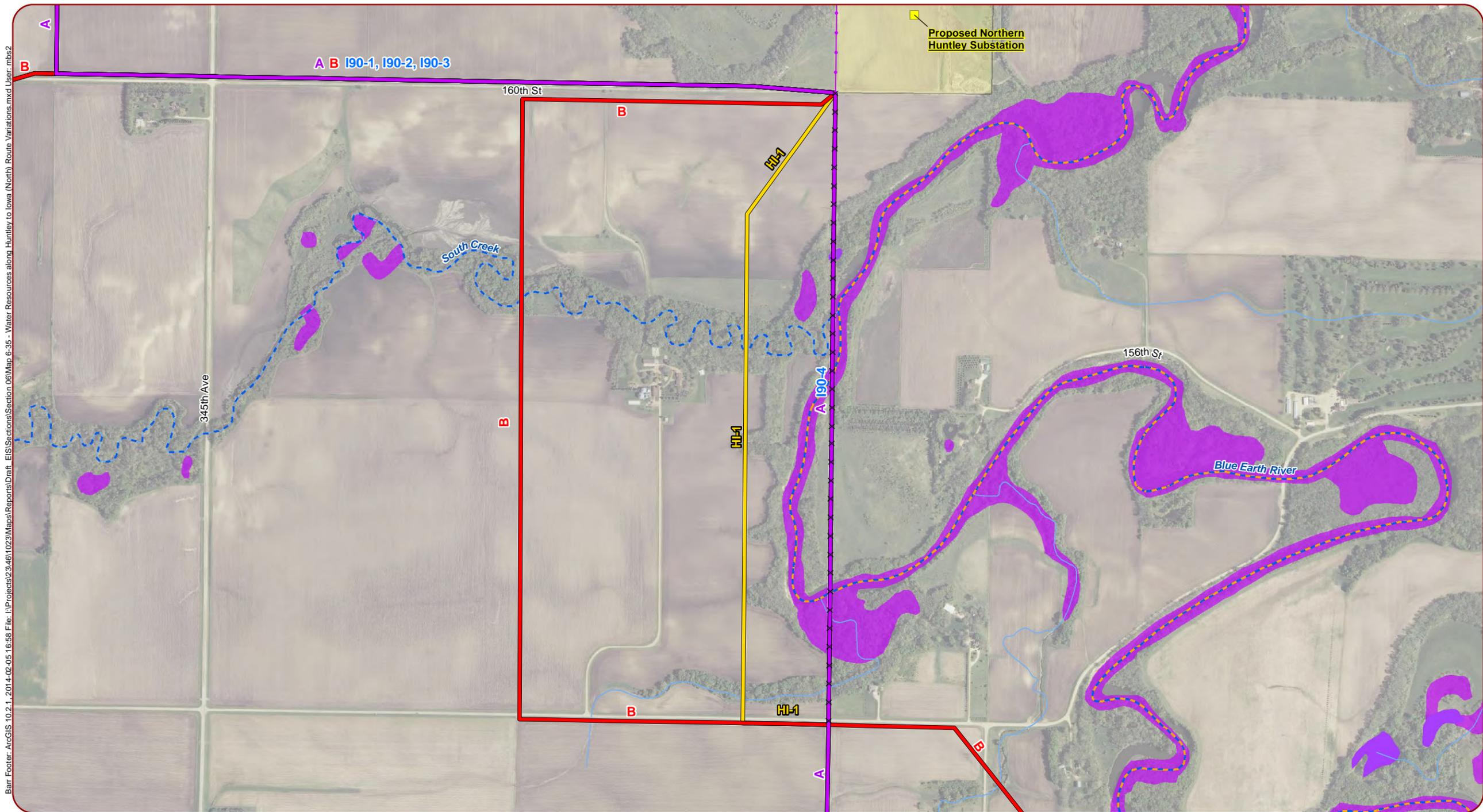
- Existing 161kV Line to be Removed in Conjunction with Route Variation HI-4
- Existing 161kV Line to be Removed in Conjunction with Route A and Route Variation HI-5

- Section Containing Historical Resource(s) (Labeled with Number of Features)
- Section Containing Archaeological Resource(s) (Labeled with Number of Features)

State Boundary

Map 6-34

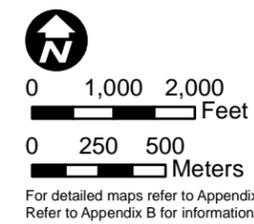
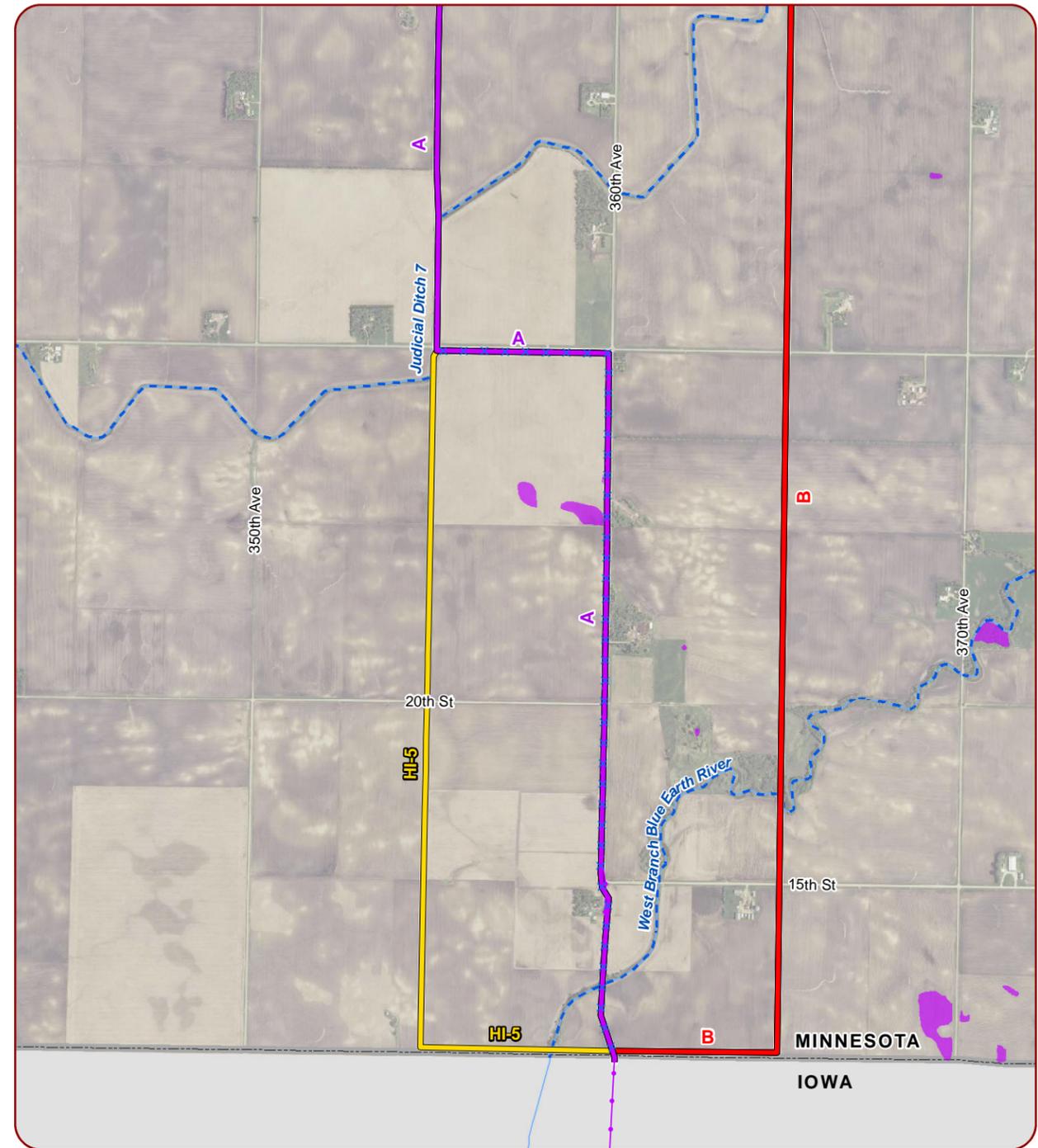
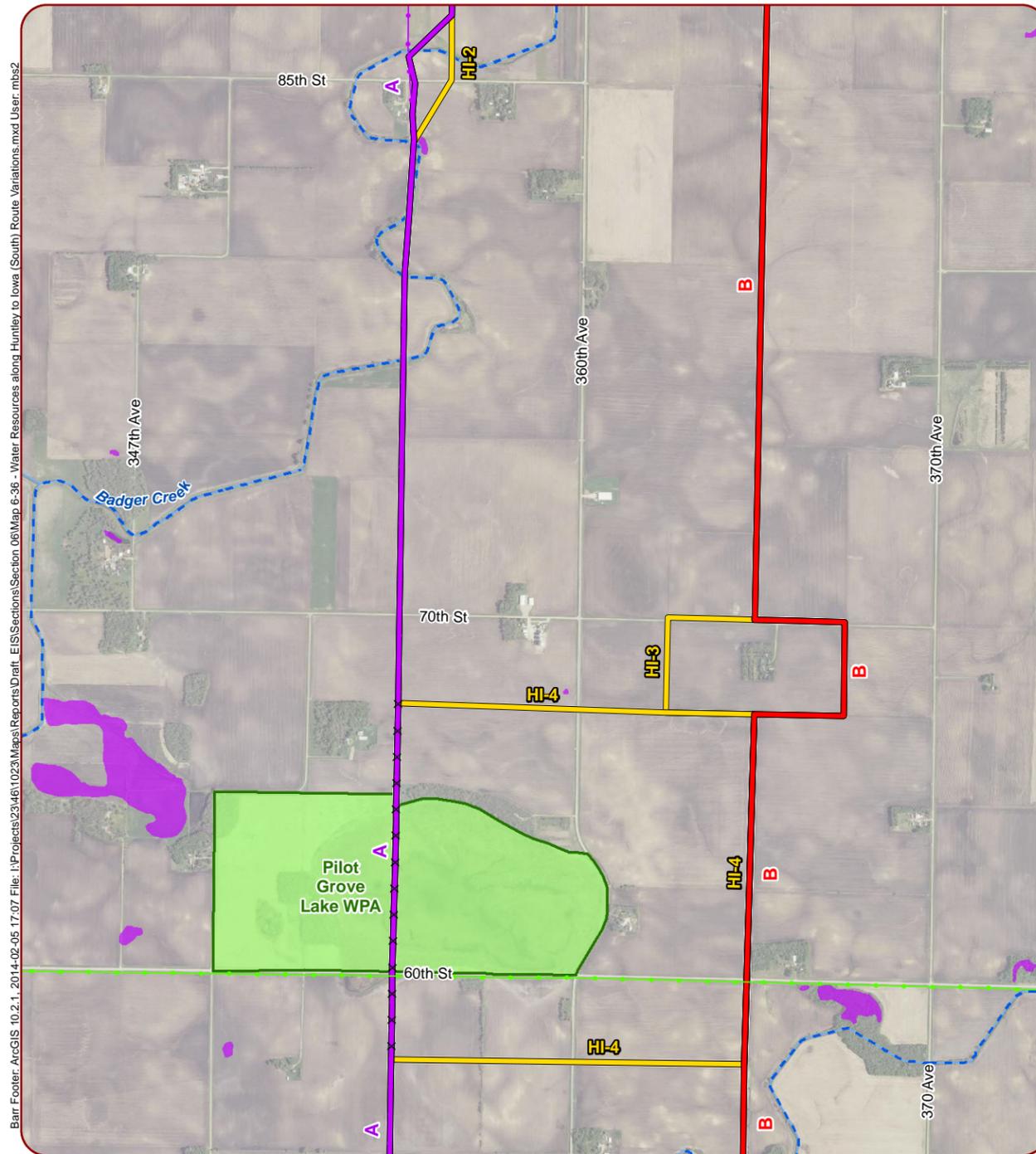
Cultural Resources along Huntley to Iowa Border (South) Route Variations
 Minnesota-Iowa 345 kV Transmission Project
 ITC Midwest LLC



- Route A
- Route B
- I90 Route Alternatives
- Route Variations
- Project Substations
- Existing Transmission Lines**
- Existing 161 kV Line
- Impaired Streams
- Public Water Inventory Watercourse
- NHD Flowlines
- Wetlands (NWI)
- Existing 161 kV Line to be Removed in Conjunction with Route Variation HI-1.

Map 6-35

Water Resources along Huntley to Iowa Border (North) Route Variations
Minnesota-Iowa 345 kV Transmission Project
ITC Midwest LLC



- Route A
- Route B
- Route Variations
- Existing Transmission Lines**
- Existing 69 kV Line
- Existing 161 kV Line

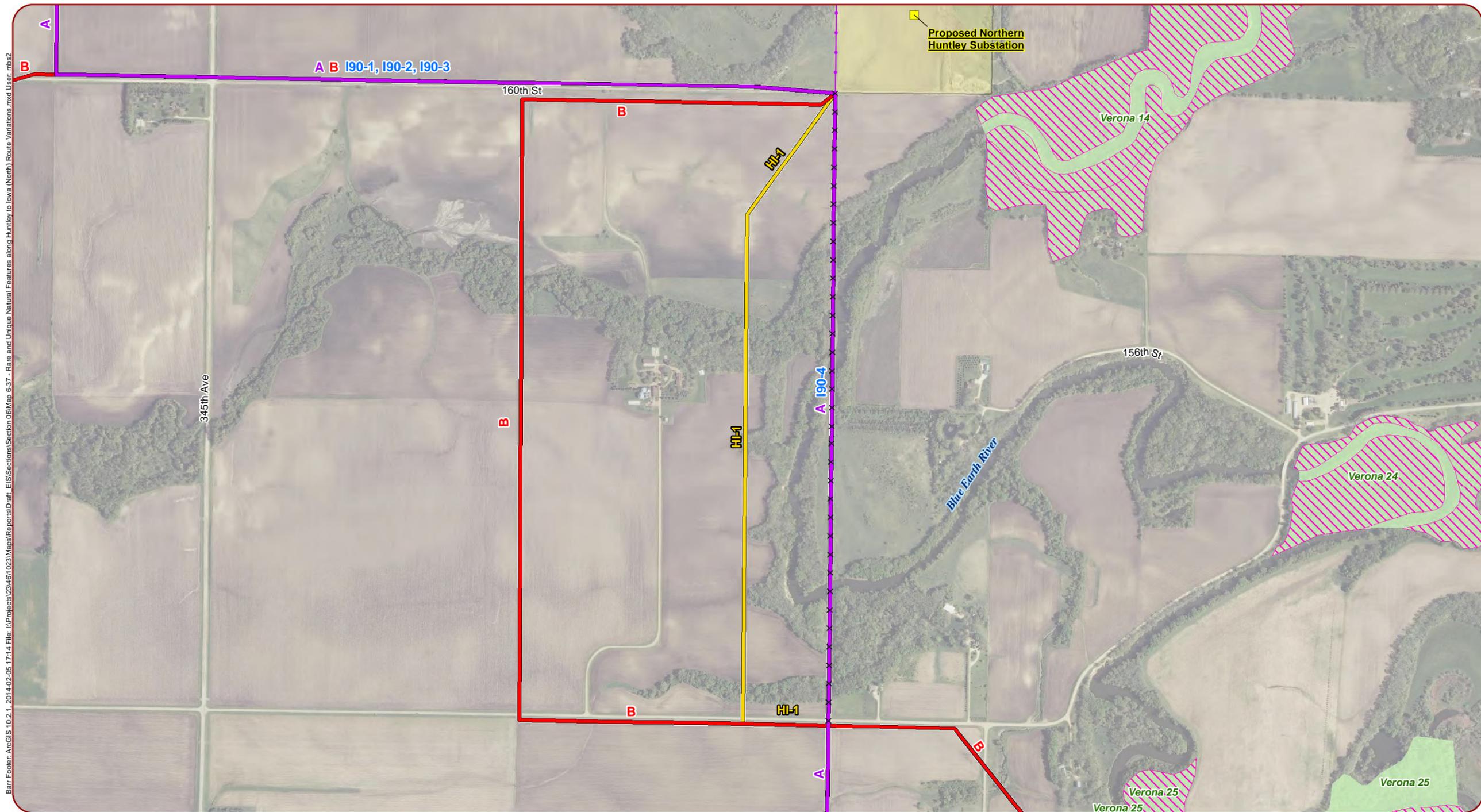
- Existing 161kV Line to be Removed in Conjunction with Route Variation HI-4
- Existing 161kV Line to be Removed in Conjunction with Route A and Route Variation HI-5

- Public Water Inventory Watercourse
- NHD Flowlines
- Wetlands (NWI)

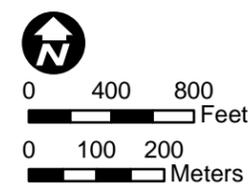
- Waterfowl Production Area
- State Boundary

Map 6-36

Water Resources along Huntley to Iowa Border (South) Route Variations
 Minnesota-Iowa 345 kV Transmission Project
 ITC Midwest LLC



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For detailed maps refer to Appendix A.
Refer to Appendix B for information on data sources.

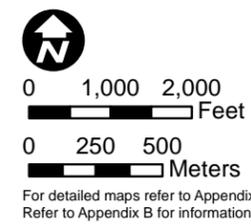
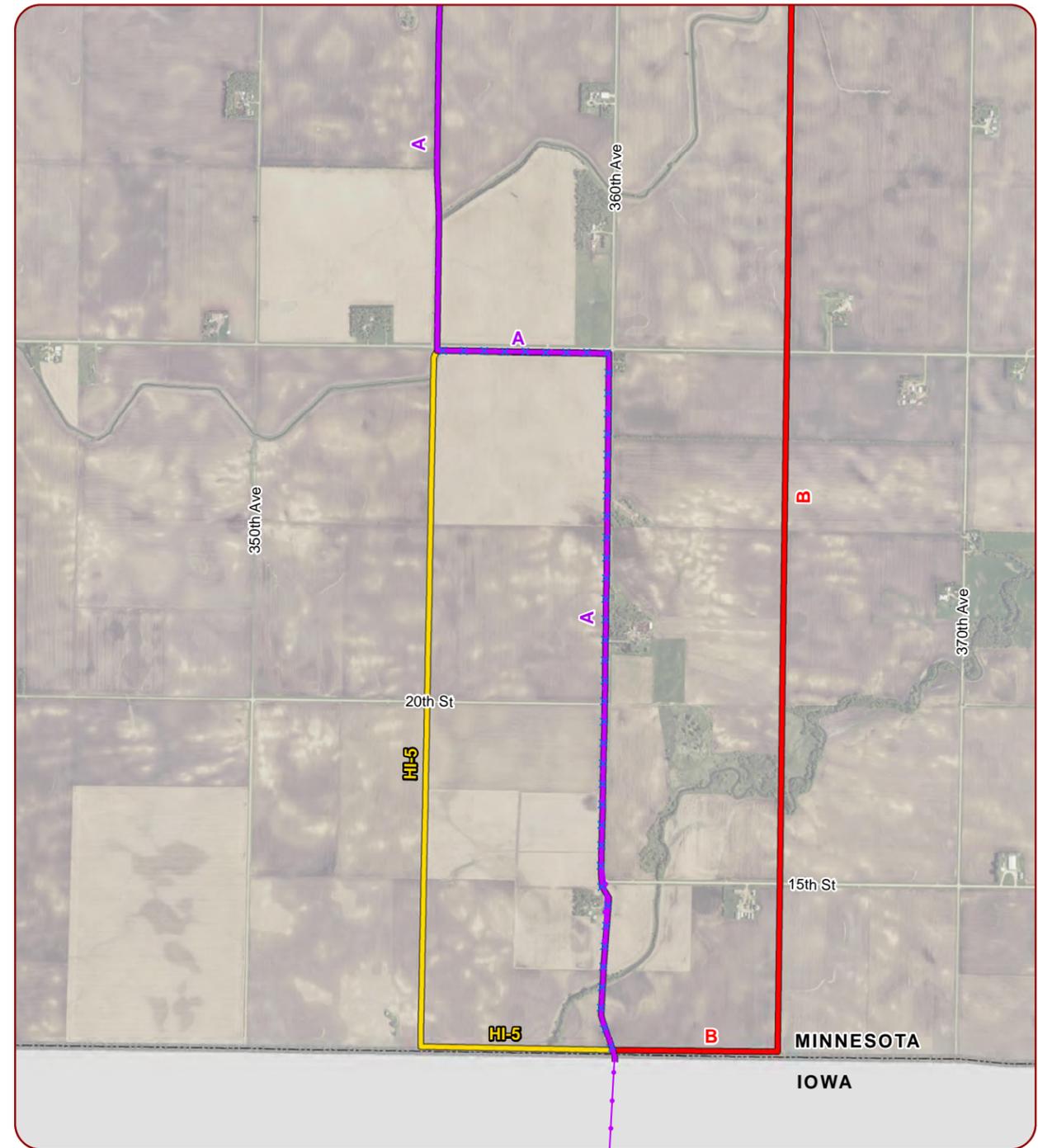
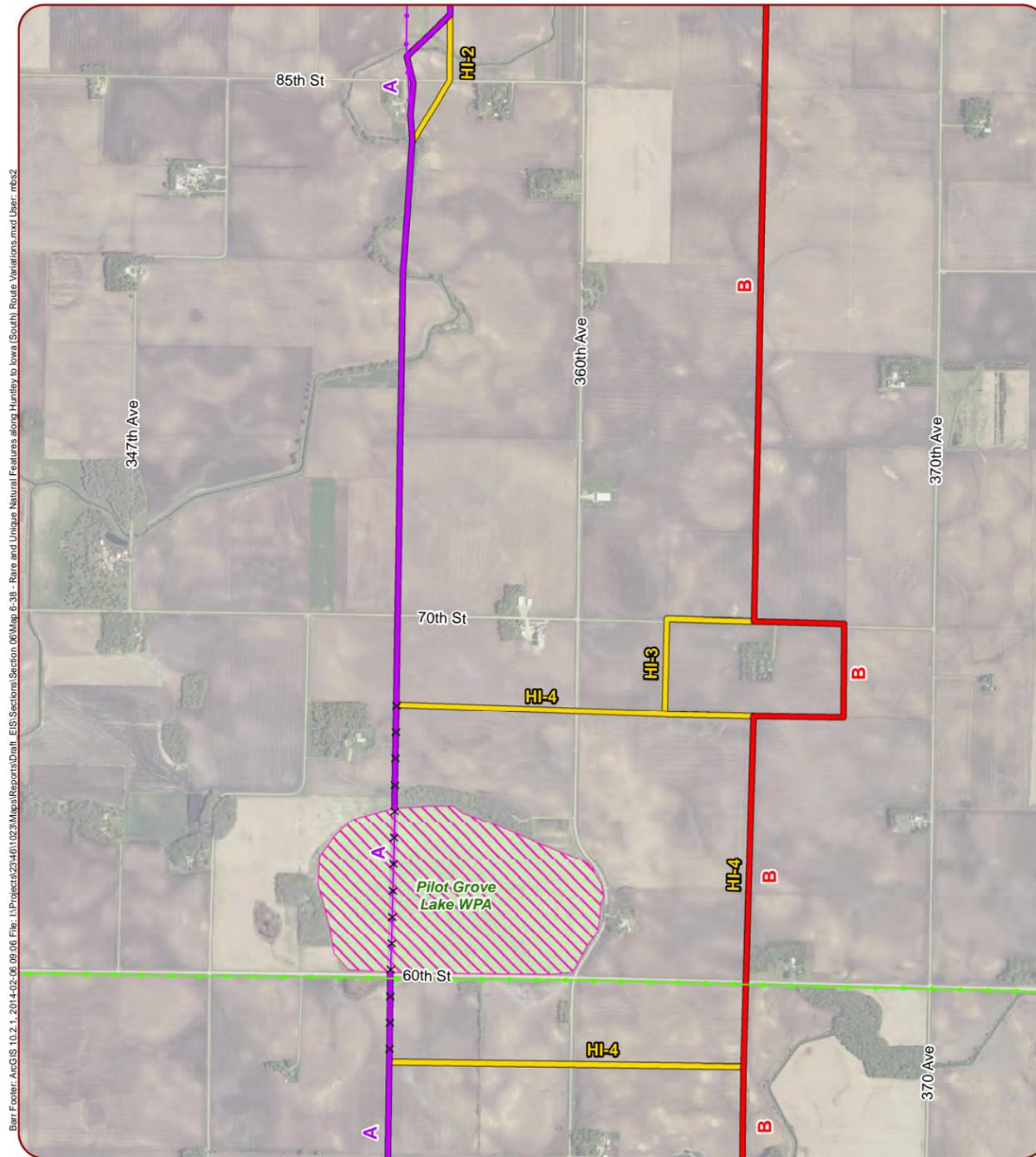
- Route A
- Route B
- I90 Route Alternatives
- Route Variations
- Project Substations
- Existing Transmission Lines**
- Existing 161 kV Line

++ Existing 161kV Line to be Removed in Conjunction with Route Variation HI-1.

- Native Plant Communities
- Sites of Biodiversity Significance**
- Moderate

Map 6-37

Rare and Unique Natural Features along Huntley to Iowa Border (North) Route Variations
Minnesota-Iowa 345 kV Transmission Project
ITC Midwest LLC



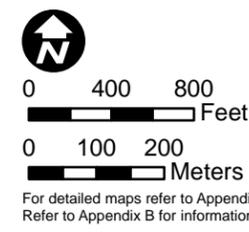
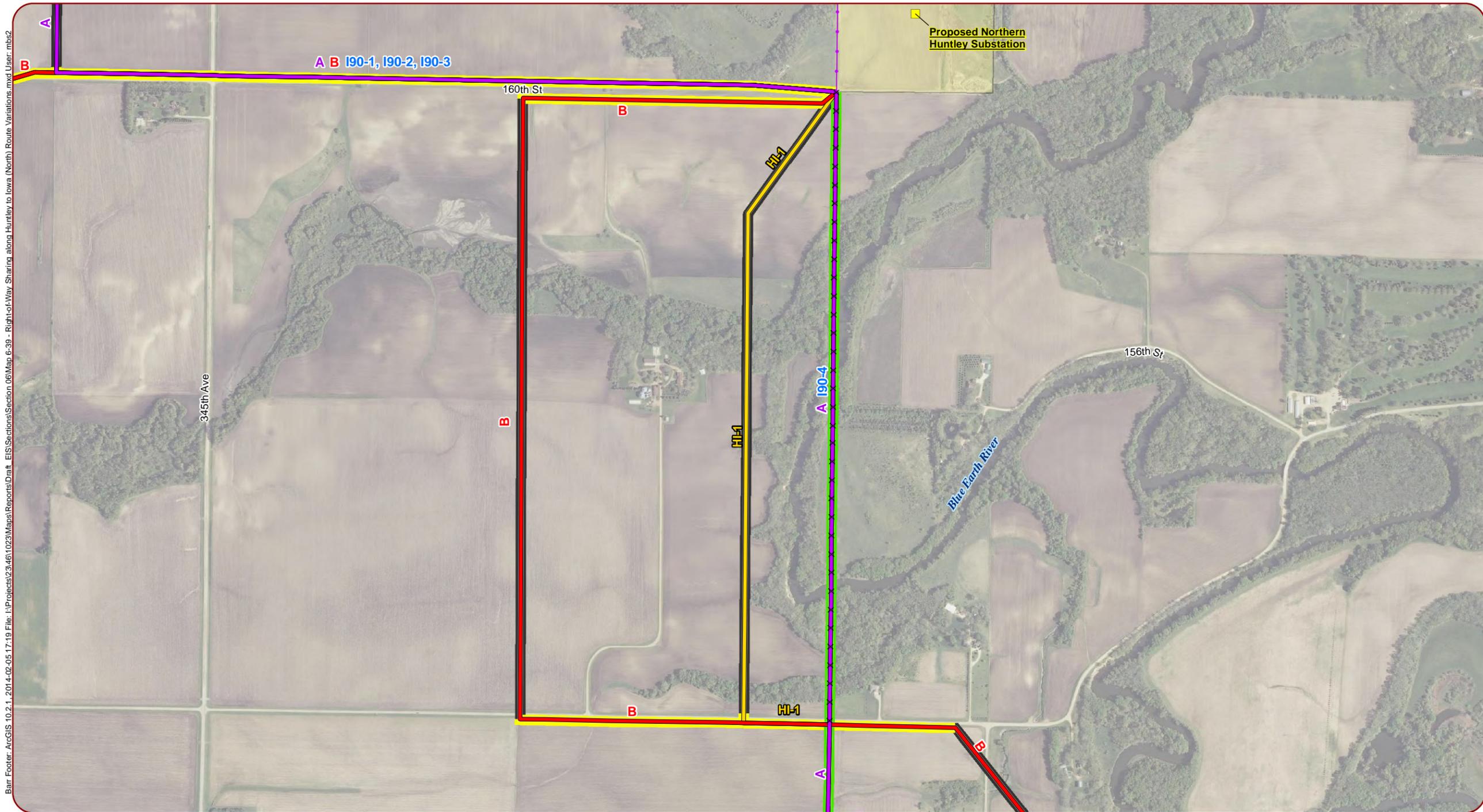
- Route A
- Route B
- Route Variations
- Existing Transmission Lines**
- Existing 69 kV Line
- Existing 161 kV Line

- Native Plant Communities
- Sites of Biodiversity Significance
- Moderate
- Existing 161kV Line to be Removed in Conjunction with Route Variation HI-4
- Existing 161kV Line to be Removed in Conjunction with Route A and Route Variation HI-5

- State Boundary

Map 6-38

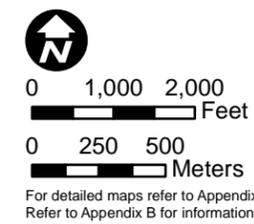
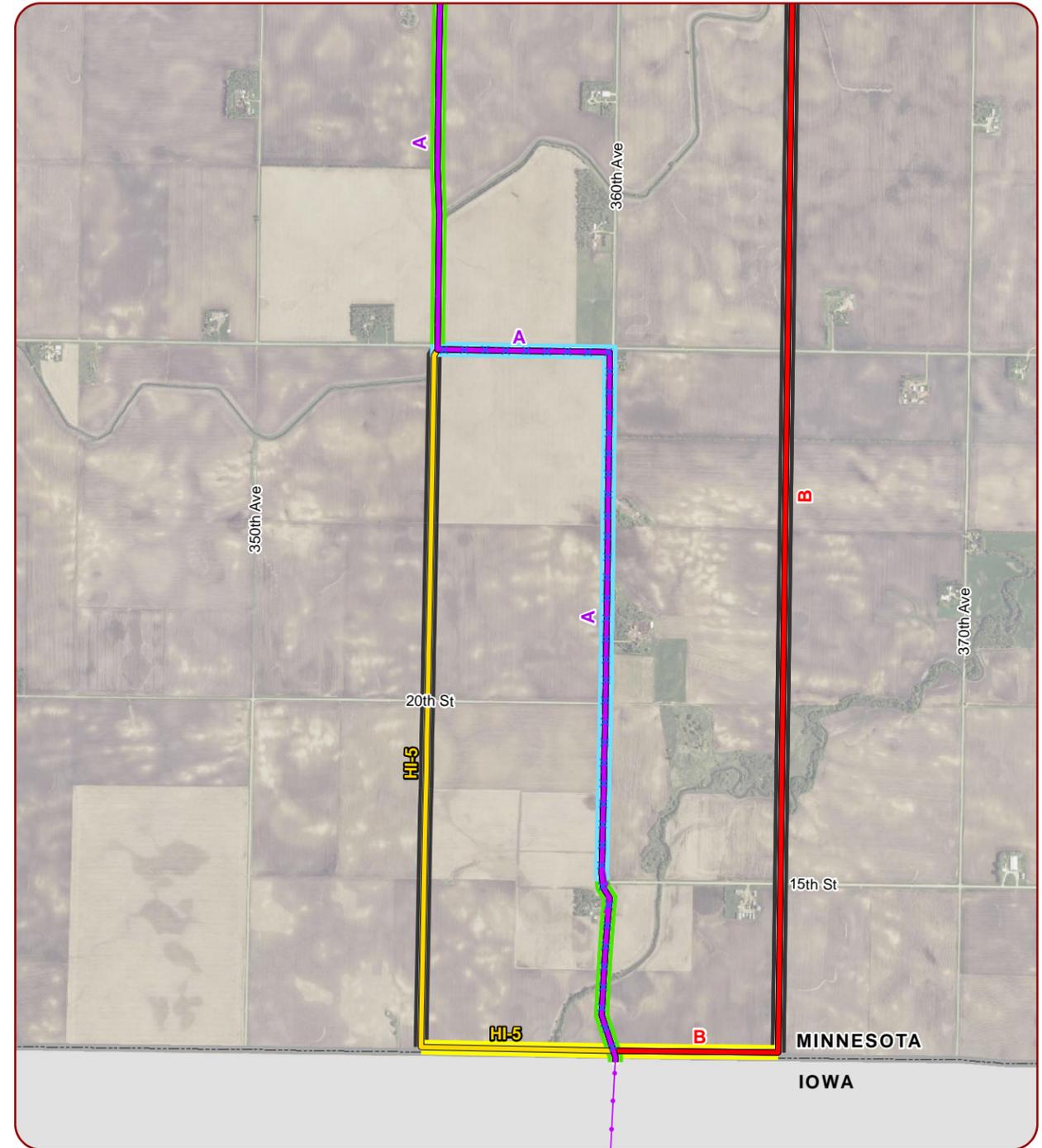
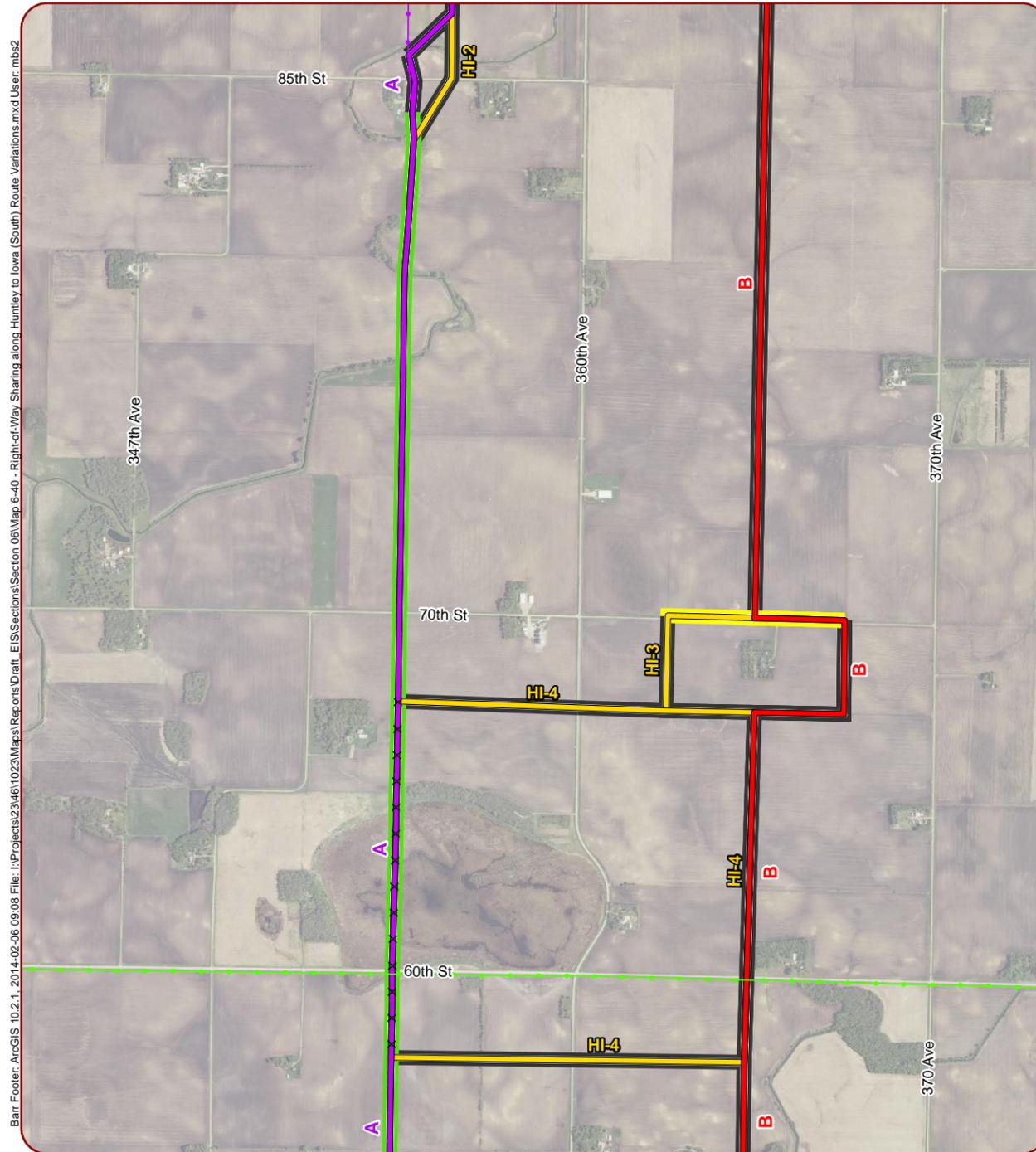
Rare and Unique Natural Features along Huntley to Iowa Border (South) Route Variations
 Minnesota-Iowa 345 kV Transmission Project
 ITC Midwest LLC



- ↖↗ Route A
- ↖↗ Route B
- ↖↗ I90 Route Alternatives
- ↖↗ Route Variations
- Project Substations
- Existing Transmission Lines**
- ↖↗ Existing 161 kV Line
- Existing Transmission Line
- Other Road
- No Sharing with Existing Infrastructure
- ++ Existing 161 kV Line to be Removed in Conjunction with Route Variation HI-1.

Map 6-39

Right-of-Way Sharing along Huntley to Iowa Border (North) Route Variations
 Minnesota-Iowa 345 kV Transmission Project
 ITC Midwest LLC



- Route A
- Route B
- Route Variations
- Existing Transmission Lines**
- Existing 69 kV Line
- Existing 161 kV Line

- Existing 161kV Line to be Removed in Conjunction with Route Variation HI-4
- Existing 161kV Line to be Removed in Conjunction with Route A and Route Variation HI-5

- Right-of-Way Sharing**
- Existing Transmission Line
- Other Road
- Existing Transmission Line & Major Highway
- No Sharing with Existing Infrastructure

State Boundary

Map 6-40

Right-of-Way Sharing along Huntley to Iowa Border (South) Route Variations
 Minnesota-Iowa 345 kV Transmission Project
 ITC Midwest LLC