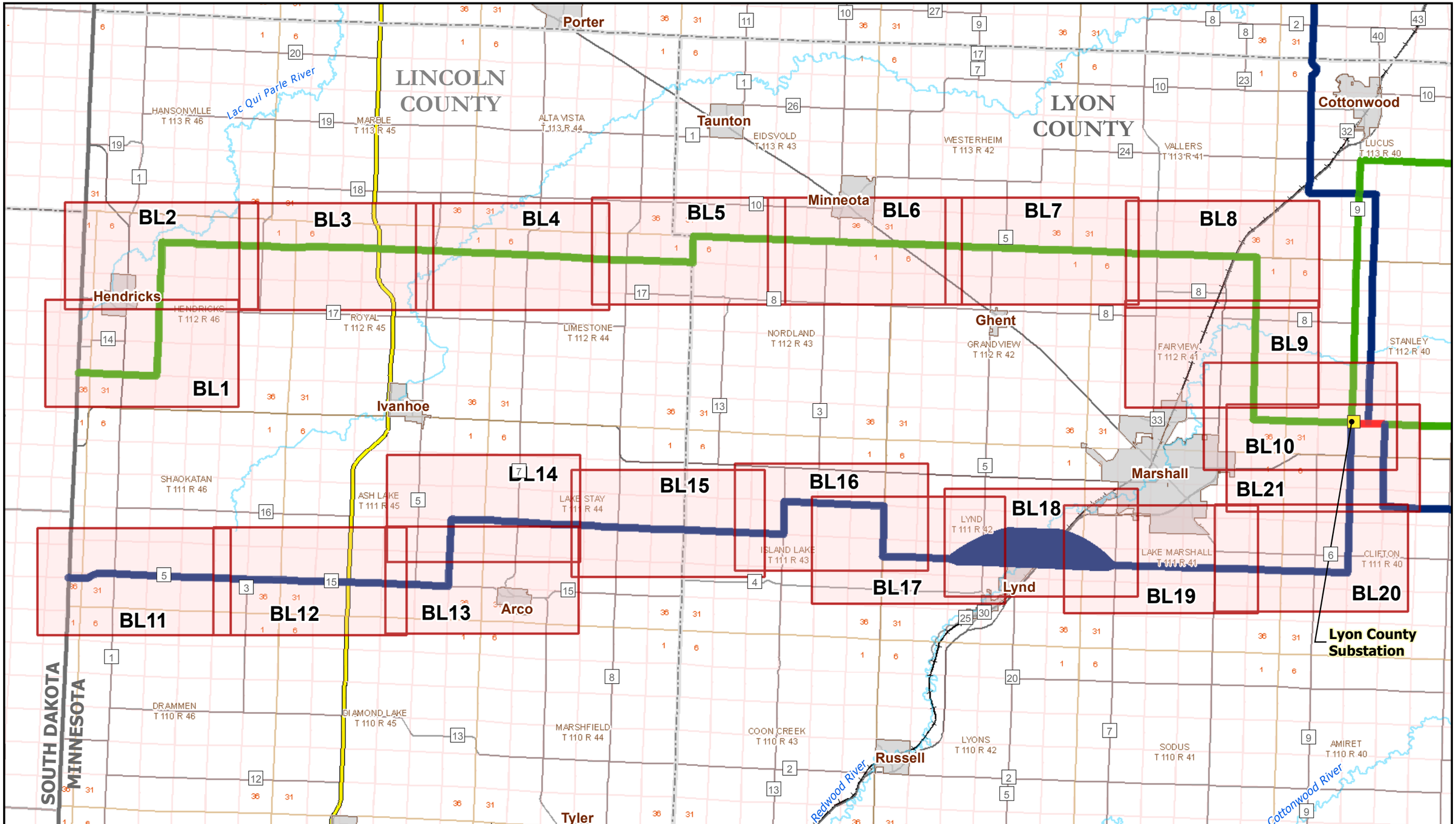

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0 2.5 5 Miles

Preferred Substation Area
Alternate Substation Area
Project Substations
City
Scenic Byway

Routes
Preferred
Alternate
Both Preferred & Alternate

Detailed Map Extent

Appendix B.2 - Detailed Routes Index Map
Brookings County Substation to Lyon County Susbstation

Route Permit
Brookings County - Hampton
345 kV Transmission Line

Map Document: (\\mspe-gis-file\gisproj\GRE\64620\map_docs\mxd\Route_Permit\appendix\detail\indexes\map_11x17_L_index_area_BL.mxd)

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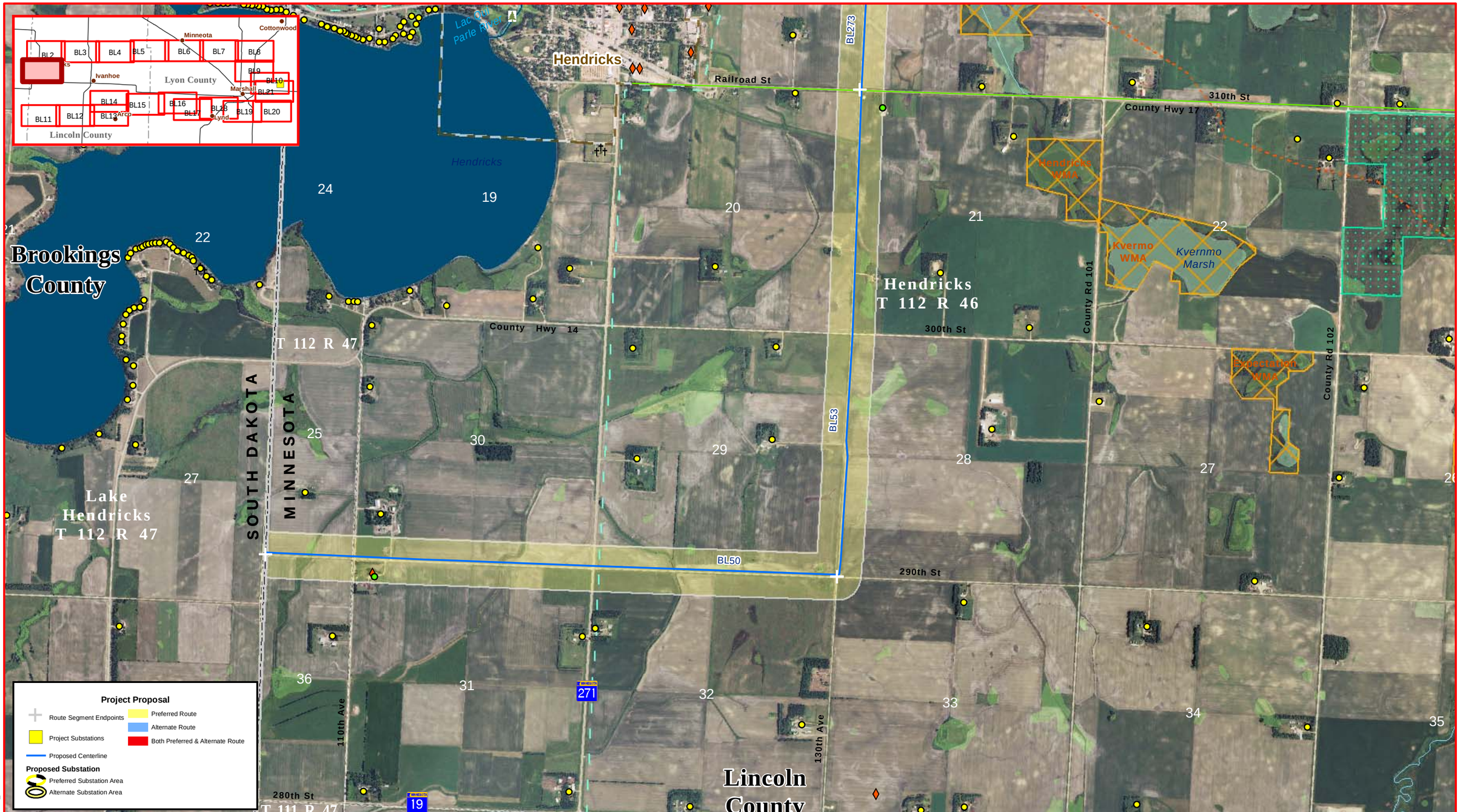

CapX2020
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0 1,000 2,000 Feet
1:24,000

Existing Substations
Transmission Lines
69 kV - Existing
115 kV - Existing
230 kV - Existing
345 kV - Existing
69 kV - Proposed
115 kV - Proposed
230 kV - Proposed

Cemetery
Churches
Parks and Recreation
Aggregate locations
FCC Telecom Tower
Certified Organic Farm
Scenic Byway
Planned MN DOT Upgrades
Existing Pipeline

Railroad Prairie
Center Pivot Irrigation
MCES Planned Interceptor
Trails
Existing State & Regional Trail
Regional Planned & Proposed Trail
Snowmobile Trail
MCBS Biodiversity Significance
Moderate Significance
High Significance
Outstanding Significance

Homes (from Proposed Centerline)
75 - 150 ft
150 - 300 ft
300 - 500 ft
over 500 ft

MN State Wild and Scenic River
Scenic
Recreational
Hydrography and Wetlands
NWI Wetland
PWI Water
MN Trout Streams
Impaired Waters

USFWS Easement
MN SNA
Metro Park
Metro Significant
USFWS WPA
USFWS NWR
MN WMA
State Funded
Federally Funded

Data Source: Please refer to Section 12

Appendix B.2 - Sheet BL1
Brookings County Substation to
Lyon County Substation
Detailed Route Maps

Route Permit
Brookings County - Hampton
345 kV Transmission Line

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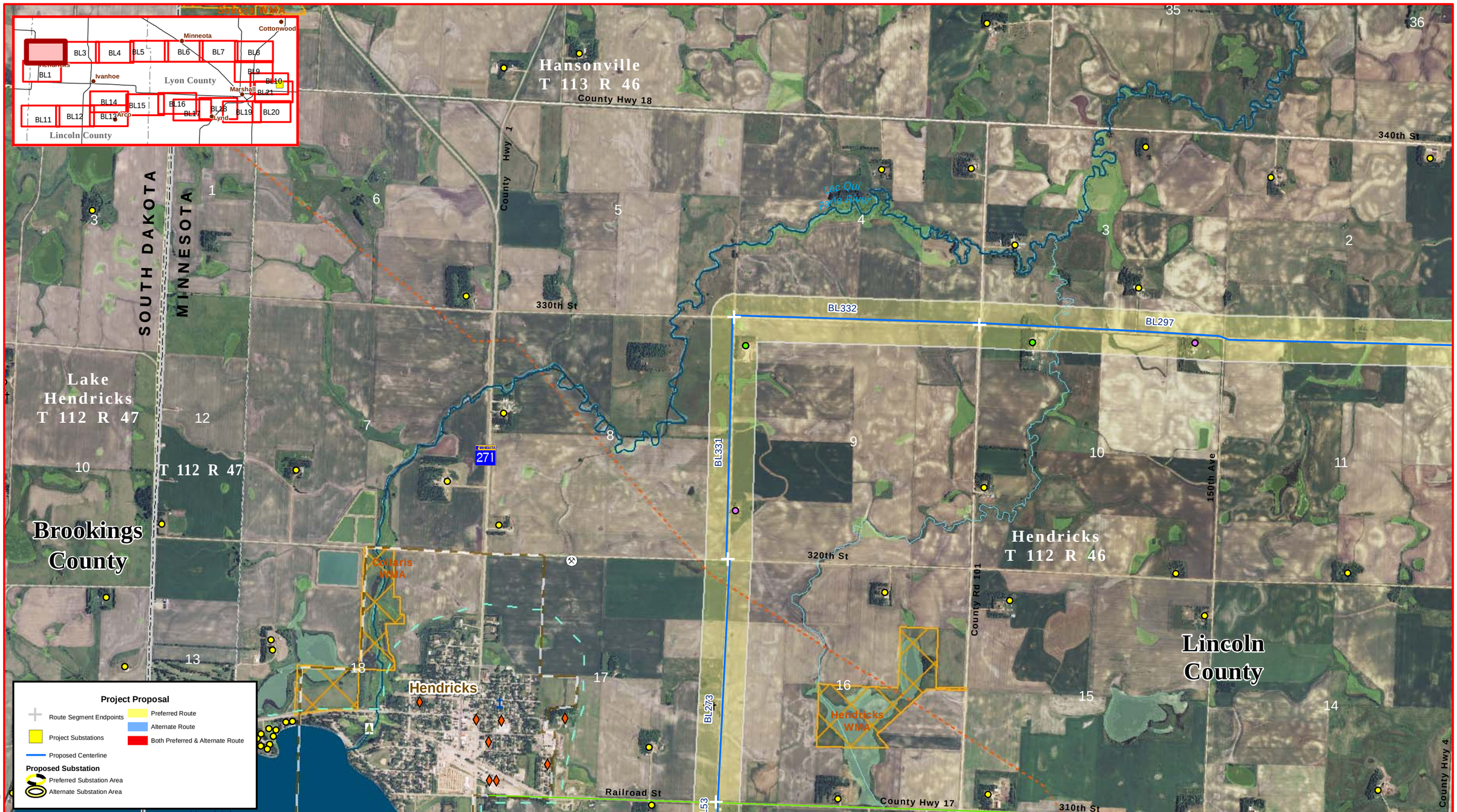

CapX2020
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0 1,000 2,000 Feet
1:24,000

Existing Substations

Transmission Lines
- 69 kV - Existing
- 115 kV - Existing
- 230 kV - Existing
- 345 kV - Existing
- 69 kV - Proposed
- 115 kV - Proposed
- 230 kV - Proposed

- Cemetery
- Churches
- Parks and Recreation
- Aggregate locations
- FCC Telecom Tower
- Certified Organic Farm
- Scenic Byway
- Planned MN DOT Upgrades
- Existing Pipeline

- Railroad Prairie
- Center Pivot Irrigation
- MCES Planned Interceptor

Trails
- Existing State & Regional Trail
- Regional Planned & Proposed Trail
- Snowmobile Trail

MCBS Biodiversity Significance
- Moderate Significance
- High Significance
- Outstanding Significance

Homes (from Proposed Centerline)
- 75 - 150 ft
- 150 - 300 ft
- 300 - 500 ft
- over 500 ft

MN State Wild and Scenic River
- Scenic
- Recreational

Hydrography and Wetlands
- NWI Wetland
- PWI Water
- MN Trout Streams
- Impaired Waters

- USFWS Easement
- MN SNA
- Metro Park
- Metro Significant
- USFWS WPA
- USFWS NWR

MN WMA
- State Funded
- Federally Funded

Data Source: Please refer to Section 12

Appendix B.2 - Sheet BL2
Brookings County Substation to
Lyon County Substation
Detailed Route Maps

Route Permit
Brookings County - Hampton
345 kV Transmission Line

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Existing Substations

Transmission Lines
- 69 kV - Existing
- 115 kV - Existing
- 230 kV - Existing
- 345 kV - Existing
- 69 kV - Proposed
- 115 kV - Proposed
- 230 kV - Proposed

- Cemetery
- Churches
- Parks and Recreation
- Aggregate locations
- FCC Telecom Tower
- Certified Organic Farm
- Scenic Byway
- Planned MN DOT Upgrades
- Existing Pipeline

- Railroad Prairie
- Center Pivot Irrigation
- MCES Planned Interceptor

Trails
- Existing State & Regional Trail
- Regional Planned & Proposed Trail
- Snowmobile Trail

MCBS Biodiversity Significance
- Moderate Significance
- High Significance
- Outstanding Significance

Homes (from Proposed Centerline)
- 75 - 150 ft
- 150 - 300 ft
- 300 - 500 ft
- over 500 ft

MN State Wild and Scenic River
- Scenic
- Recreational

Hydrography and Wetlands
- NWI Wetland
- PWI Water
- MN Trout Streams
- Impaired Waters

- USFWS Easement
- MN SNA
- Metro Park
- Metro Significant
- USFWS WPA
- USFWS NWR

MN WMA
- State Funded
- Federally Funded

Data Source: Please refer to Section 12

Appendix B.2 - Sheet BL3
Brookings County Substation to
Lyon County Substation
Detailed Route Maps

Route Permit
Brookings County - Hampton
345 kV Transmission Line

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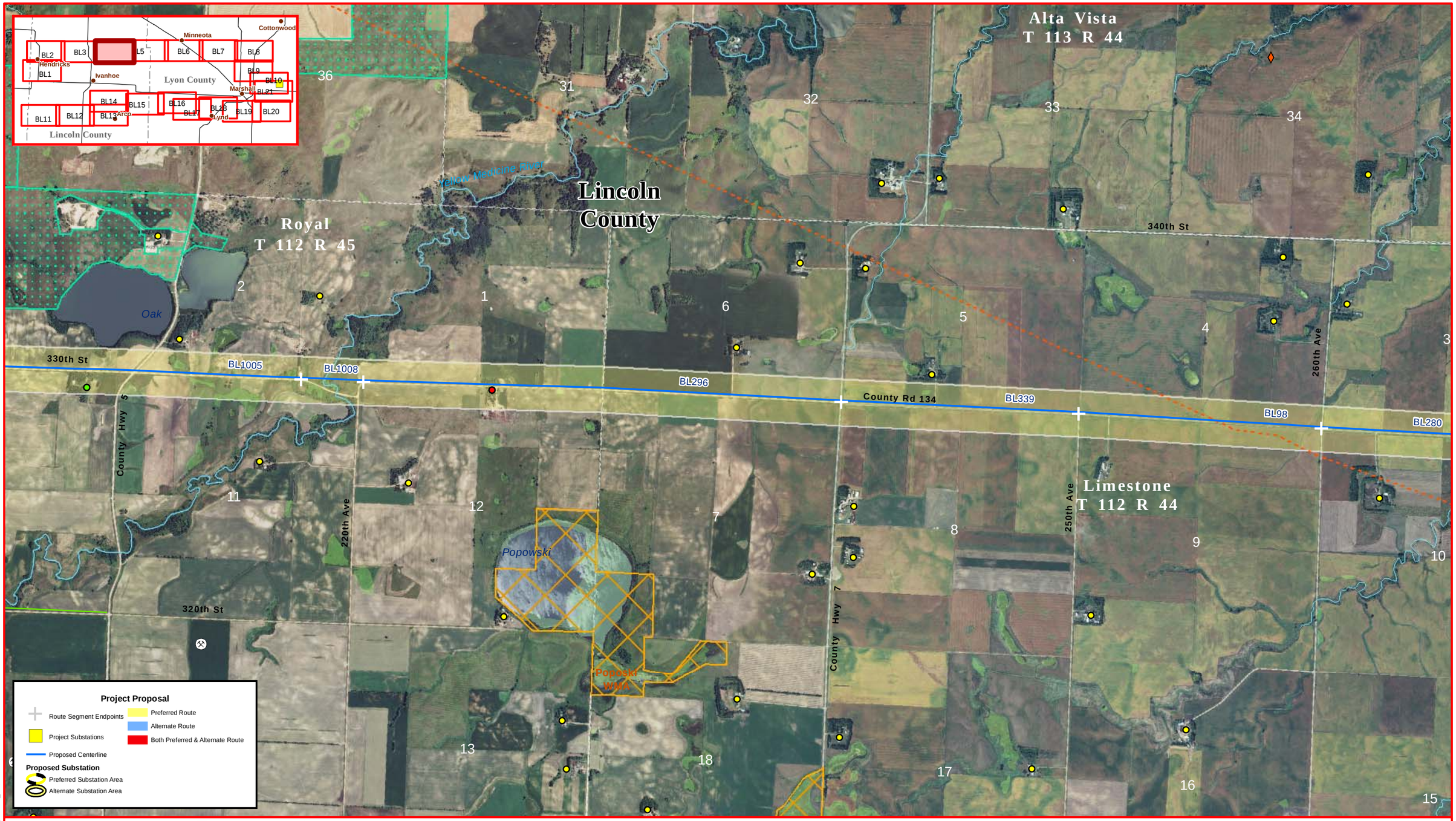

CapX2020
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0 1,000 2,000 Feet
1:24,000

Existing Substations
Transmission Lines
69 kV - Existing
115 kV - Existing
230 kV - Existing
345 kV - Existing
69 kV - Proposed
115 kV - Proposed
230 kV - Proposed

Cemetery
Churches
Parks and Recreation
Aggregate locations
FCC Telecom Tower
Certified Organic Farm
Scenic Byway
Planned MN DOT Upgrades
Existing Pipeline

Railroad Prairie
Center Pivot Irrigation
MCES Planned Interceptor
Trails
Existing State & Regional Trail
Regional Planned & Proposed Trail
Snowmobile Trail
MCBS Biodiversity Significance
Moderate Significance
High Significance
Outstanding Significance

Homes (from Proposed Centerline)
75 - 150 ft
150 - 300 ft
300 - 500 ft
over 500 ft

MN State Wild and Scenic River
Scenic
Recreational
Hydrography and Wetlands
NWI Wetland
PWI Water
MN Trout Streams
Impaired Waters

USFWS Easement
MN SNA
Metro Park
Metro Significant
USFWS WPA
USFWS NWR
MN WMA
State Funded
Federally Funded

Appendix B.2 - Sheet BL4
Brookings County Substation to
Lyon County Substation
Detailed Route Maps

Route Permit
Brookings County - Hampton
345 kV Transmission Line

Data Source: Please refer to Section 12

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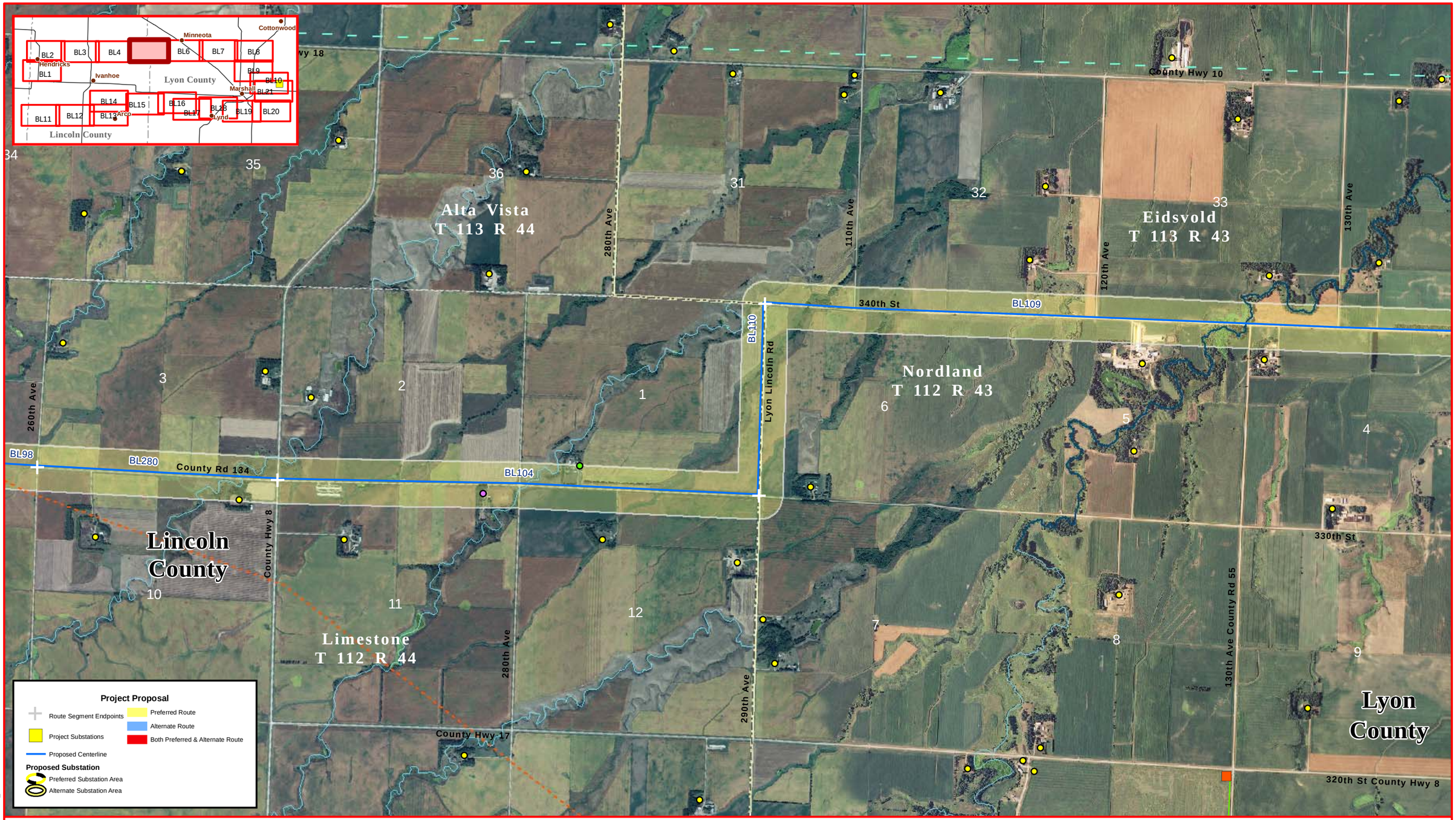

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Existing Substations

Transmission Lines
- 69 kV - Existing
- 115 kV - Existing
- 230 kV - Existing
- 345 kV - Existing
- 69 kV - Proposed
- 115 kV - Proposed
- 230 kV - Proposed

- Cemetery
- Churches
- Parks and Recreation
- Aggregate locations
- FCC Telecom Tower
- Certified Organic Farm
- Scenic Byway
- Planned MN DOT Upgrades
- Existing Pipeline

- Railroad Prairie
- Center Pivot Irrigation
- MCES Planned Interceptor

Trails
- Existing State & Regional Trail
- Regional Planned & Proposed Trail
- Snowmobile Trail

MCBS Biodiversity Significance
- Moderate Significance
- High Significance
- Outstanding Significance

Homes (from Proposed Centerline)
- 75 - 150 ft
- 150 - 300 ft
- 300 - 500 ft
- over 500 ft

MN State Wild and Scenic River
- Scenic
- Recreational

Hydrography and Wetlands
- NWI Wetland
- PWI Water
- MN Trout Streams
- Impaired Waters

- USFWS Easement
- MN SNA
- Metro Park
- Metro Significant
- USFWS WPA
- USFWS NWR

MN WMA
- State Funded
- Federally Funded

Data Source: Please refer to Section 12

Appendix B.2 - Sheet BL5
Brookings County Substation to
Lyon County Substation
Detailed Route Maps

Route Permit
Brookings County - Hampton
345 kV Transmission Line

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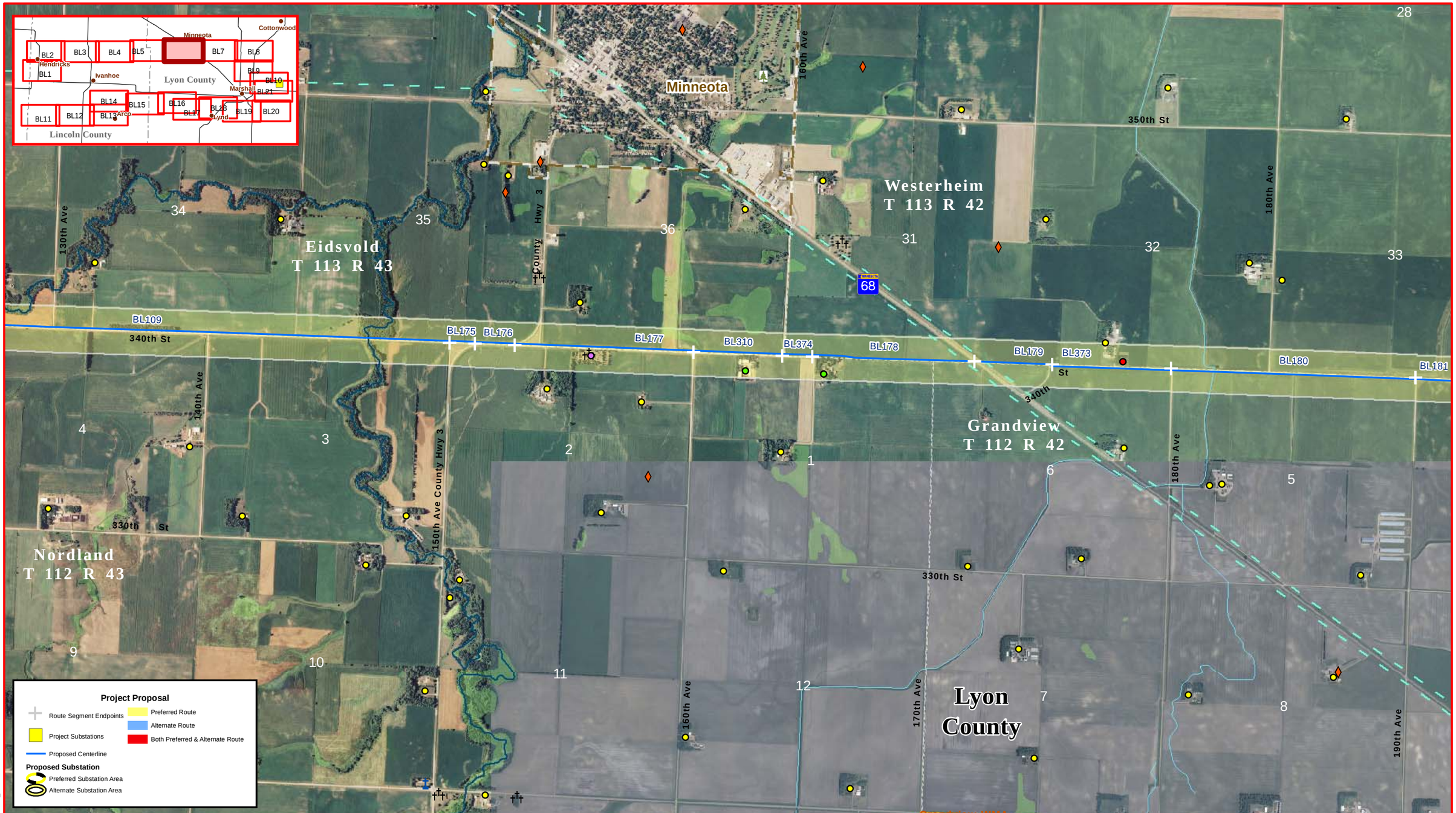

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0 1,000 2,000 Feet
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Existing Substations

Transmission Lines
- 69 kV - Existing
- 115 kV - Existing
- 230 kV - Existing
- 345 kV - Existing
- 69 kV - Proposed
- 115 kV - Proposed
- 230 kV - Proposed

- Cemetery
- Churches
- Parks and Recreation
- Aggregate locations
- FCC Telecom Tower
- Certified Organic Farm
- Scenic Byway
- Planned MN DOT Upgrades
- Existing Pipeline

- Railroad Prairie
- Center Pivot Irrigation
- MCES Planned Interceptor

Trails
- Existing State & Regional Trail
- Regional Planned & Proposed Trail
- Snowmobile Trail

MCBS Biodiversity Significance
- Moderate Significance
- High Significance
- Outstanding Significance

Homes (from Proposed Centerline)
- 75 - 150 ft
- 150 - 300 ft
- 300 - 500 ft
- over 500 ft

MN State Wild and Scenic River
- Scenic
- Recreational

Hydrography and Wetlands
- NWI Wetland
- PWI Water
- MN Trout Streams
- Impaired Waters

- USFWS Easement
- MN SNA
- Metro Park
- Metro Significant
- USFWS WPA
- USFWS NWR

MN WMA
- State Funded
- Federally Funded

Data Source: Please refer to Section 12

Appendix B.2 - Sheet BL6
Brookings County Substation to
Lyon County Substation
Detailed Route Maps

Route Permit
Brookings County - Hampton
345 kV Transmission Line

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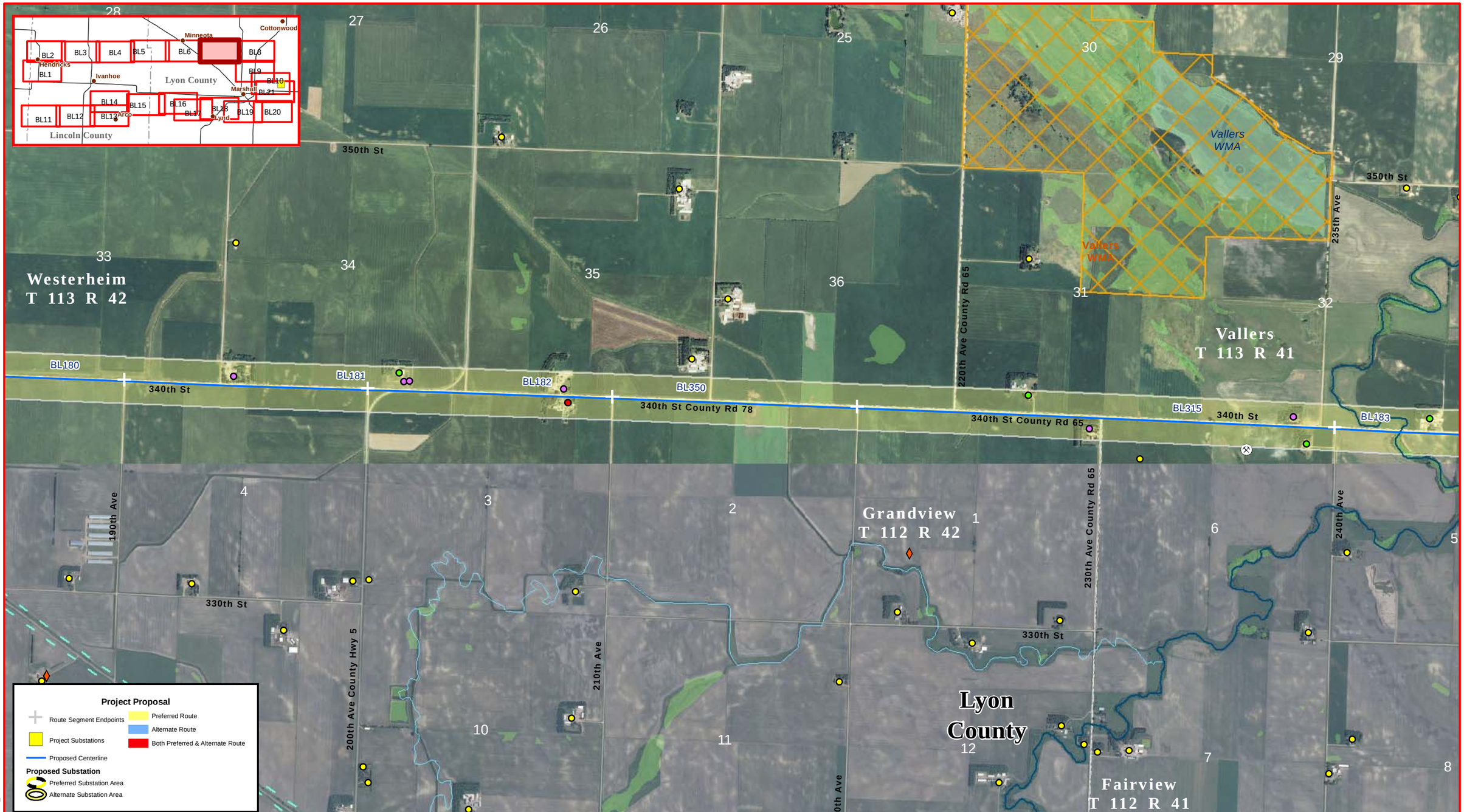

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Existing Substations

Transmission Lines
- 69 kV - Existing
- 115 kV - Existing
- 230 kV - Existing
- 345 kV - Existing
- 69 kV - Proposed
- 115 kV - Proposed
- 230 kV - Proposed

- Cemetery
- Churches
- Parks and Recreation
- Aggregate locations
- FCC Telecom Tower
- Certified Organic Farm
- Scenic Byway
- Planned MN DOT Upgrades
- Existing Pipeline

- Railroad Prairie
- Center Pivot Irrigation
- MCES Planned Interceptor

Trails
- Existing State & Regional Trail
- Regional Planned & Proposed Trail
- Snowmobile Trail

MCBS Biodiversity Significance
- Moderate Significance
- High Significance
- Outstanding Significance

Homes (from Proposed Centerline)
- 75 - 150 ft
- 150 - 300 ft
- 300 - 500 ft
- over 500 ft

MN State Wild and Scenic River
- Scenic
- Recreational

Hydrography and Wetlands
- NWI Wetland
- PWI Water
- MN Trout Streams
- Impaired Waters

- USFWS Easement
- MN SNA
- Metro Park
- Metro Significant
- USFWS WPA
- USFWS NWR

MN WMA
- State Funded
- Federally Funded

Data Source: Please refer to Section 12

Appendix B.2 - Sheet BL7
Brookings County Substation to
Lyon County Substation
Detailed Route Maps

Route Permit
Brookings County - Hampton
345 kV Transmission Line

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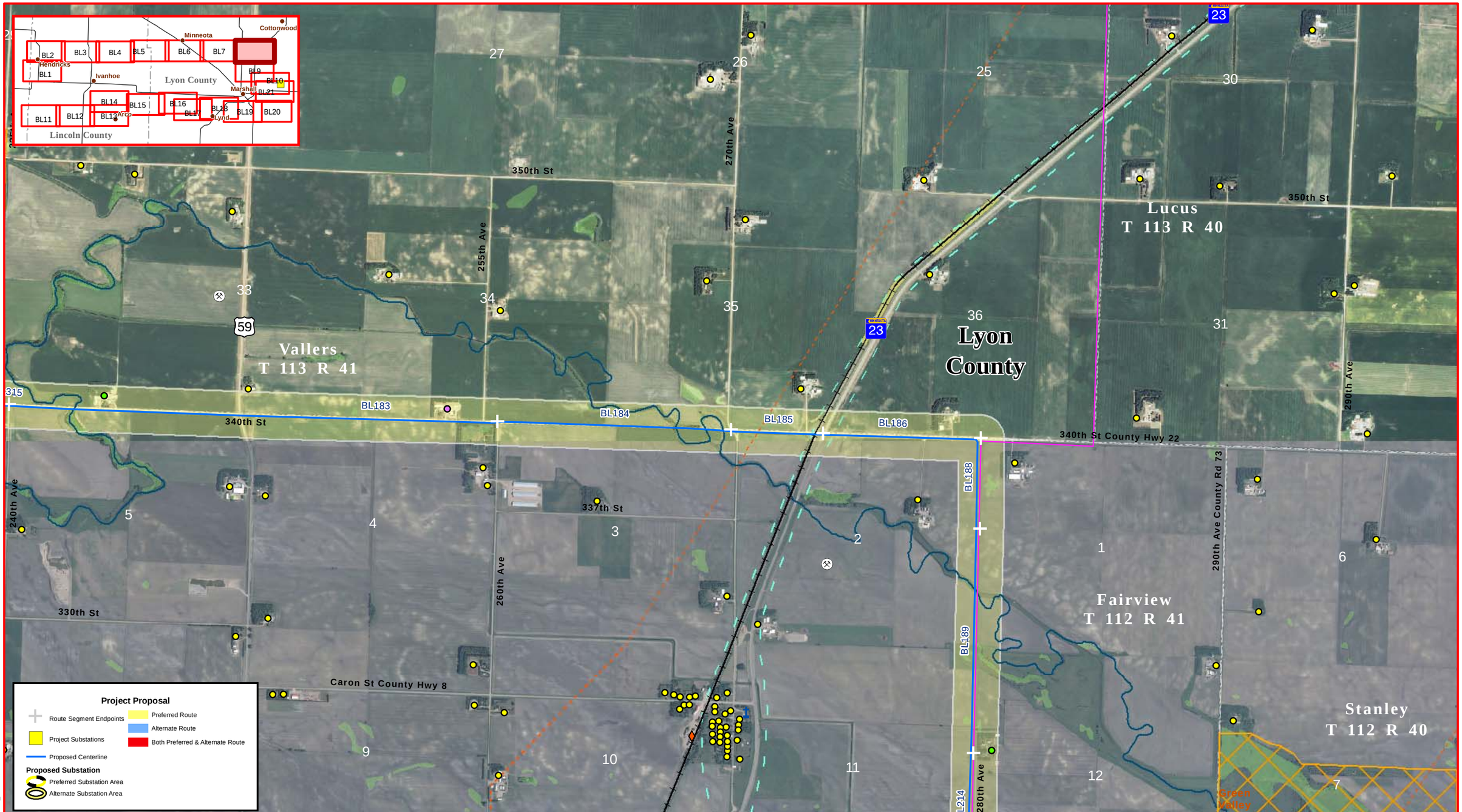

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Existing Substations

Transmission Lines
- 69 kV - Existing
- 115 kV - Existing
- 230 kV - Existing
- 345 kV - Existing
- 69 kV - Proposed
- 115 kV - Proposed
- 230 kV - Proposed

- Cemetery
- Churches
- Parks and Recreation
- Aggregate locations
- FCC Telecom Tower
- Certified Organic Farm
- Scenic Byway
- Planned MN DOT Upgrades
- Existing Pipeline

- Railroad Prairie
- Center Pivot Irrigation
- MCES Planned Interceptor

Trails
- Existing State & Regional Trail
- Regional Planned & Proposed Trail
- Snowmobile Trail

MCBS Biodiversity Significance
- Moderate Significance
- High Significance
- Outstanding Significance

Homes (from Proposed Centerline)
- 75 - 150 ft
- 150 - 300 ft
- 300 - 500 ft
- over 500 ft

MN State Wild and Scenic River
- Scenic
- Recreational

Hydrography and Wetlands
- NWI Wetland
- PWI Water
- MN Trout Streams
- Impaired Waters

- USFWS Easement
- MN SNA
- Metro Park
- Metro Significant
- USFWS WPA
- USFWS NWR

MN WMA
- State Funded
- Federally Funded

Data Source: Please refer to Section 12

Appendix B.2 - Sheet BL8
Brookings County Substation to
Lyon County Substation
Detailed Route Maps

Route Permit
Brookings County - Hampton
345 kV Transmission Line

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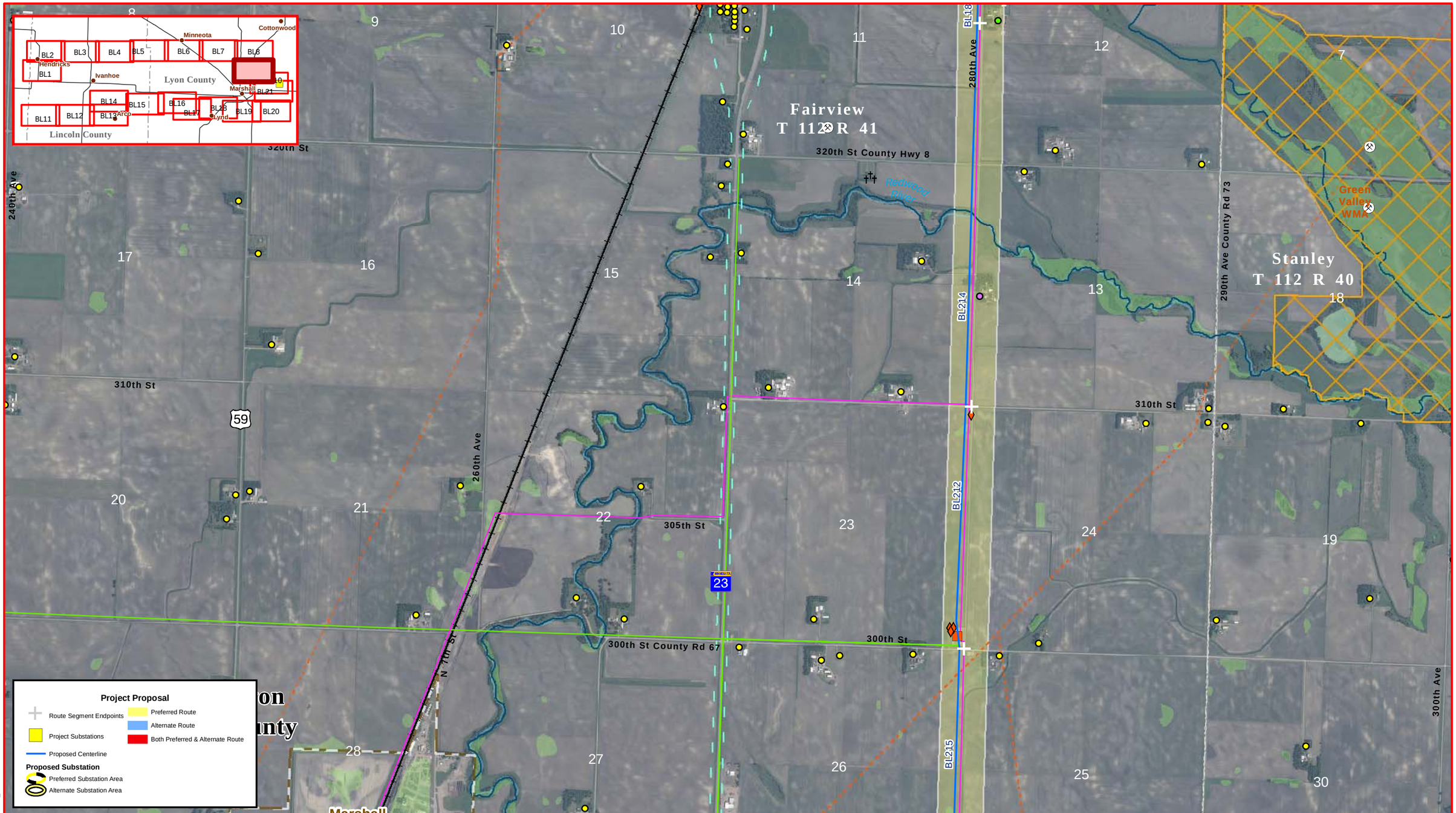

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1:24,000

Existing Substations
Transmission Lines
69 kV - Existing
115 kV - Existing
230 kV - Existing
345 kV - Existing
69 kV - Proposed
115 kV - Proposed
230 kV - Proposed

Cemetery
Churches
Parks and Recreation
Aggregate locations
FCC Telecom Tower
Certified Organic Farm
Scenic Byway
Planned MN DOT Upgrades
Existing Pipeline

Railroad Prairie
Center Pivot Irrigation
MCES Planned Interceptor
Trails
Existing State & Regional Trail
Regional Planned & Proposed Trail
Snowmobile Trail
MCBS Biodiversity Significance
Moderate Significance
High Significance
Outstanding Significance

Homes (from Proposed Centerline)
75 - 150 ft
150 - 300 ft
300 - 500 ft
over 500 ft

MN State Wild and Scenic River
Scenic
Recreational
Hydrography and Wetlands
NWI Wetland
PWI Water
MN Trout Streams
Impaired Waters

USFWS Easement
MN SNA
Metro Park
Metro Significant
USFWS WPA
USFWS NWR
MN WMA
State Funded
Federally Funded

Appendix B.2 - Sheet BL9
Brookings County Substation to
Lyon County Substation
Detailed Route Maps

Route Permit
Brookings County - Hampton
345 kV Transmission Line

Data Source: Please refer to Section 12

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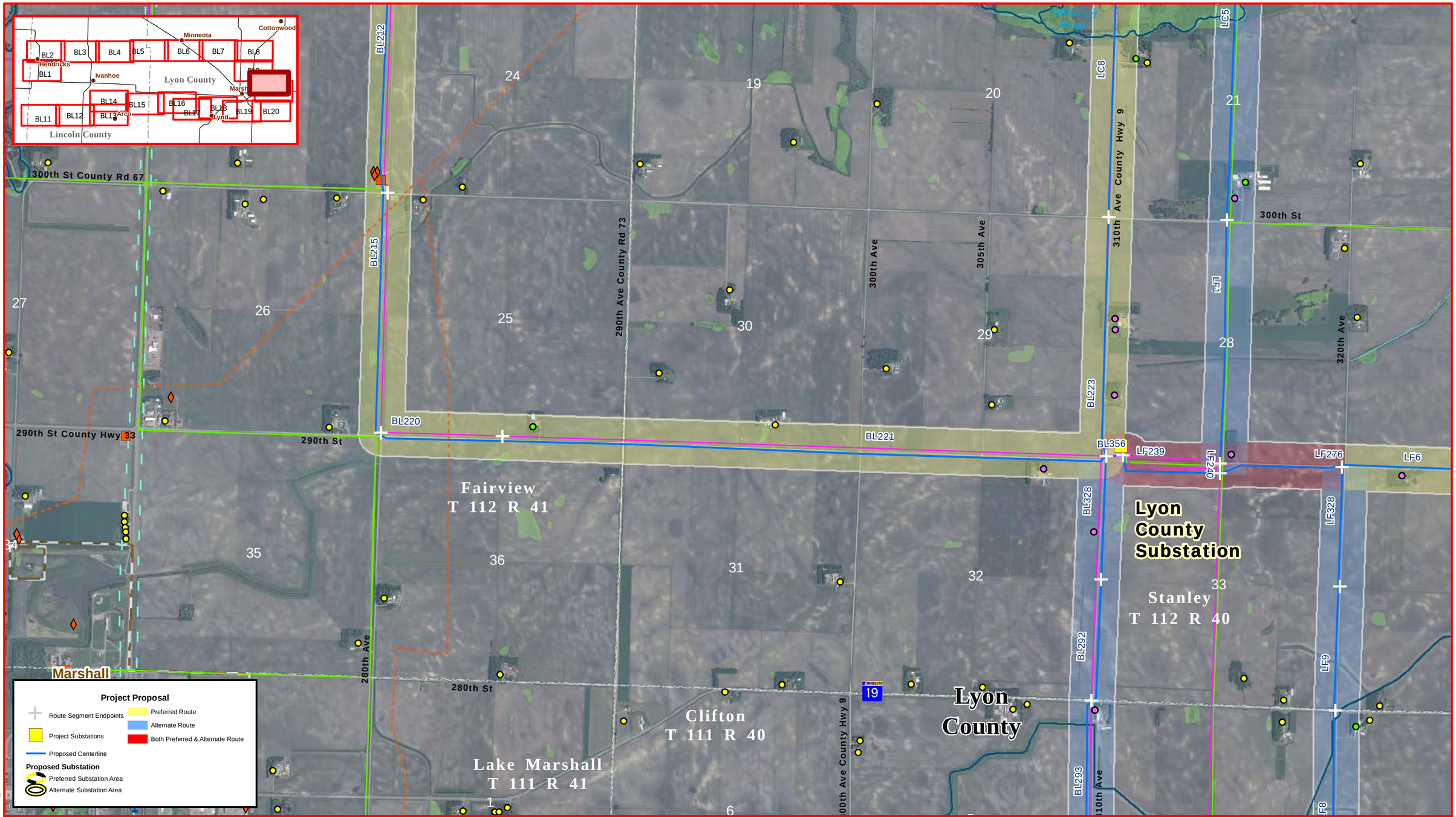

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0 1,000 2,000 Feet
1:24,000

Existing Substations

Transmission Lines
- 69 kV - Existing
- 115 kV - Existing
- 230 kV - Existing
- 345 kV - Existing
- 69 kV - Proposed
- 115 kV - Proposed
- 230 kV - Proposed

- Cemetery
- Churches
- Parks and Recreation
- Aggregate locations
- FCC Telecom Tower
- Certified Organic Farm
- Scenic Byway
- Planned MN DOT Upgrades
- Existing Pipeline

- Railroad Prairie
- Center Pivot Irrigation
- MCES Planned Interceptor

Trails
- Existing State & Regional Trail
- Regional Planned & Proposed Trail
- Snowmobile Trail

MCBS Biodiversity Significance
- Moderate Significance
- High Significance
- Outstanding Significance

Homes (from Proposed Centerline)
- 75 - 150 ft
- 150 - 300 ft
- 300 - 500 ft
- over 500 ft

MN State Wild and Scenic River
- Scenic
- Recreational

Hydrography and Wetlands
- NWI Wetland
- PWI Water
- MN Trout Streams
- Impaired Waters

- USFWS Easement
- MN SNA
- Metro Park
- Metro Significant
- USFWS WPA
- USFWS NWR

MN WMA
- State Funded
- Federally Funded

Data Source: Please refer to Section 12

Appendix B.2 - Sheet BL10
Brookings County Substation to
Lyon County Substation
Detailed Route Maps

Route Permit
Brookings County - Hampton
345 kV Transmission Line

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0 1,000 2,000 Feet
1:24,000

Existing Substations

Transmission Lines
- 69 kV - Existing
- 115 kV - Existing
- 230 kV - Existing
- 345 kV - Existing
- 69 kV - Proposed
- 115 kV - Proposed
- 230 kV - Proposed

- Cemetery
- Churches
- Parks and Recreation
- Aggregate locations
- FCC Telecom Tower
- Certified Organic Farm
- Scenic Byway
- Planned MN DOT Upgrades
- Existing Pipeline

- Railroad Prairie
- Center Pivot Irrigation
- MCES Planned Interceptor

Trails
- Existing State & Regional Trail
- Regional Planned & Proposed Trail
- Snowmobile Trail

MCBS Biodiversity Significance
- Moderate Significance
- High Significance
- Outstanding Significance

Homes (from Proposed Centerline)
- 75 - 150 ft
- 150 - 300 ft
- 300 - 500 ft
- over 500 ft

MN State Wild and Scenic River
- Scenic
- Recreational

Hydrography and Wetlands
- NWI Wetland
- PWI Water
- MN Trout Streams
- Impaired Waters

- USFWS Easement
- MN SNA
- Metro Park
- Metro Significant
- USFWS WPA
- USFWS NWR

MN WMA
- State Funded
- Federally Funded

Data Source: Please refer to Section 12

Appendix B.2 - Sheet BL11
Brookings County Substation to
Lyon County Substation
Detailed Route Maps

Route Permit
Brookings County - Hampton
345 kV Transmission Line

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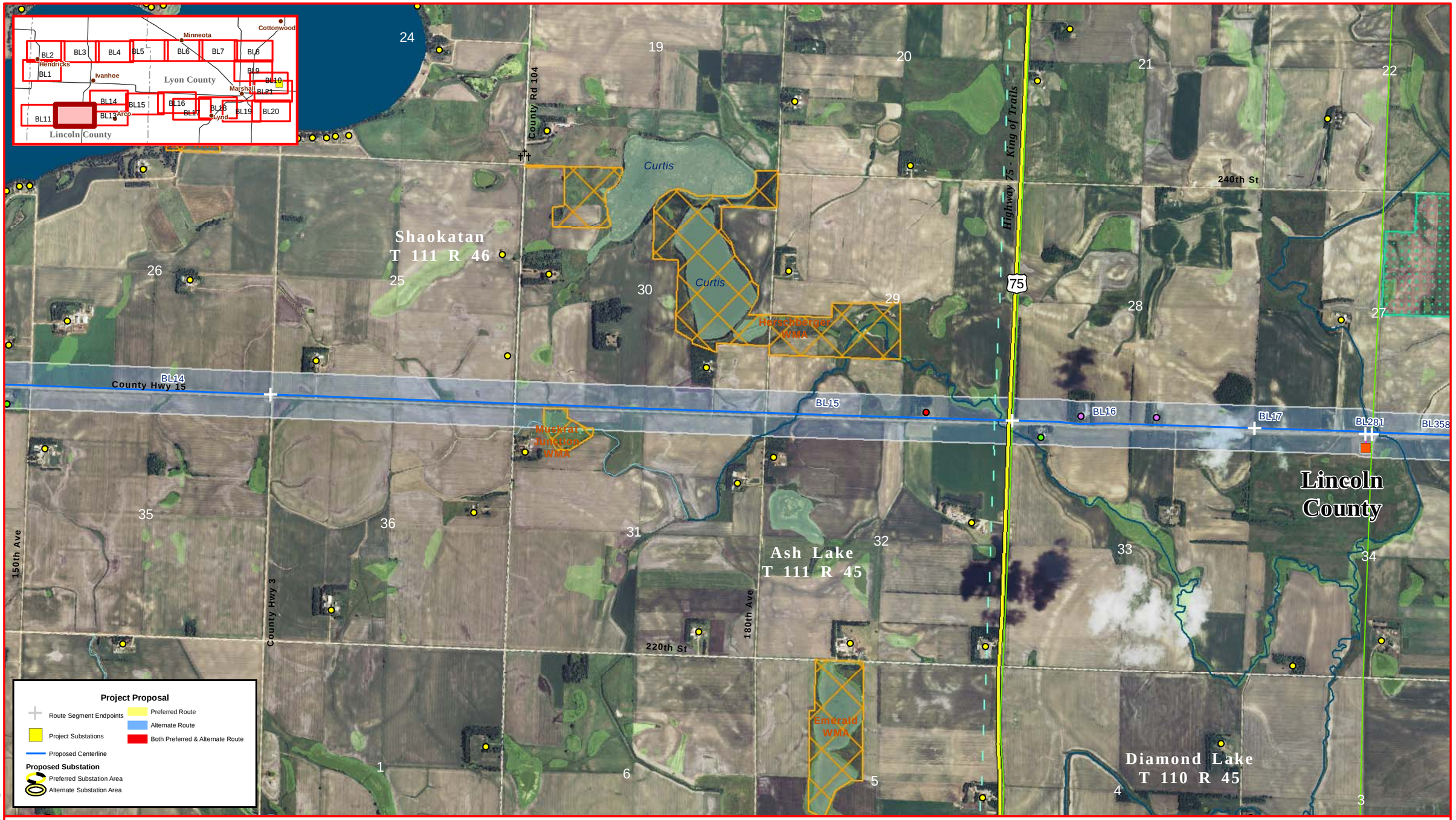

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0 1,000 2,000 Feet
1:24,000

Existing Substations

Transmission Lines
- 69 kV - Existing
- 115 kV - Existing
- 230 kV - Existing
- 345 kV - Existing
- 69 kV - Proposed
- 115 kV - Proposed
- 230 kV - Proposed

- Cemetery
- Churches
- Parks and Recreation
- Aggregate locations
- FCC Telecom Tower
- Certified Organic Farm
- Scenic Byway
- Planned MN DOT Upgrades
- Existing Pipeline

- Railroad Prairie
- Center Pivot Irrigation
- MCES Planned Interceptor

Trails
- Existing State & Regional Trail
- Regional Planned & Proposed Trail
- Snowmobile Trail

MCBS Biodiversity Significance
- Moderate Significance
- High Significance
- Outstanding Significance

Homes (from Proposed Centerline)
- 75 - 150 ft
- 150 - 300 ft
- 300 - 500 ft
- over 500 ft

MN State Wild and Scenic River
- Scenic
- Recreational

Hydrography and Wetlands
- NWI Wetland
- PWI Water
- MN Trout Streams
- Impaired Waters

- USFWS Easement
- MN SNA
- Metro Park
- Metro Significant
- USFWS WPA
- USFWS NWR

MN WMA
- State Funded
- Federally Funded

Data Source: Please refer to Section 12

Appendix B.2 - Sheet BL12
Brookings County Substation to
Lyon County Substation
Detailed Route Maps

Route Permit
Brookings County - Hampton
345 kV Transmission Line

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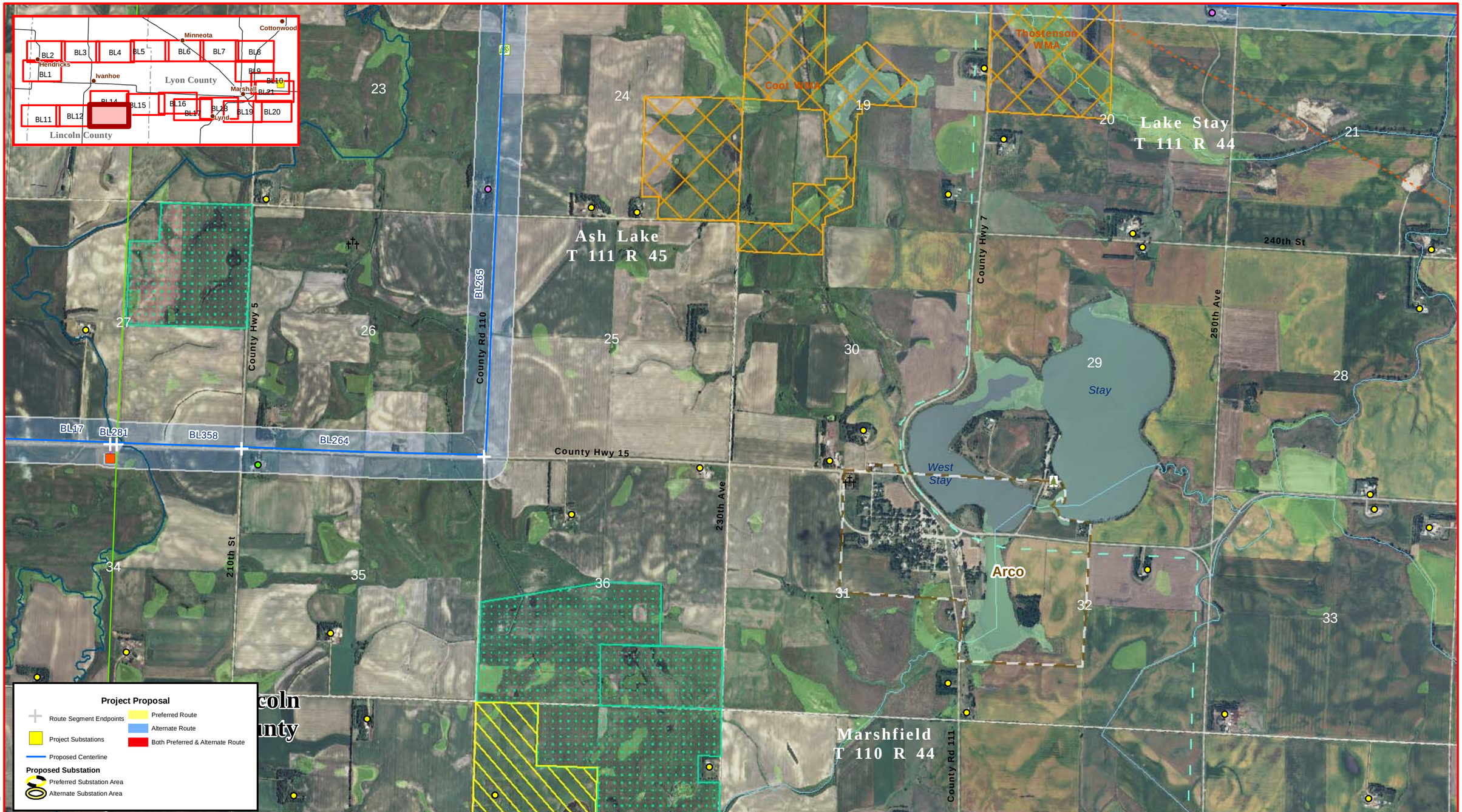

CapX2020
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0 1,000 2,000 Feet
1:24,000

Existing Substations

Transmission Lines
- 69 kV - Existing
- 115 kV - Existing
- 230 kV - Existing
- 345 kV - Existing
- 69 kV - Proposed
- 115 kV - Proposed
- 230 kV - Proposed

- Cemetery
- Churches
- Parks and Recreation
- Aggregate locations
- FCC Telecom Tower
- Certified Organic Farm
- Scenic Byway
- Planned MN DOT Upgrades
- Existing Pipeline

- Railroad Prairie
- Center Pivot Irrigation
- MCES Planned Interceptor

Trails
- Existing State & Regional Trail
- Regional Planned & Proposed Trail
- Snowmobile Trail

MCBS Biodiversity Significance
- Moderate Significance
- High Significance
- Outstanding Significance

Homes (from Proposed Centerline)
- 75 - 150 ft
- 150 - 300 ft
- 300 - 500 ft
- over 500 ft

MN State Wild and Scenic River
- Scenic
- Recreational

Hydrography and Wetlands
- NWI Wetland
- PWI Water
- MN Trout Streams
- Impaired Waters

- USFWS Easement
- MN SNA
- Metro Park
- Metro Significant
- USFWS WPA
- USFWS NWR

MN WMA
- State Funded
- Federally Funded

Data Source: Please refer to Section 12

Appendix B.2 - Sheet BL13
Brookings County Substation to
Lyon County Substation
Detailed Route Maps

Route Permit
Brookings County - Hampton
345 kV Transmission Line

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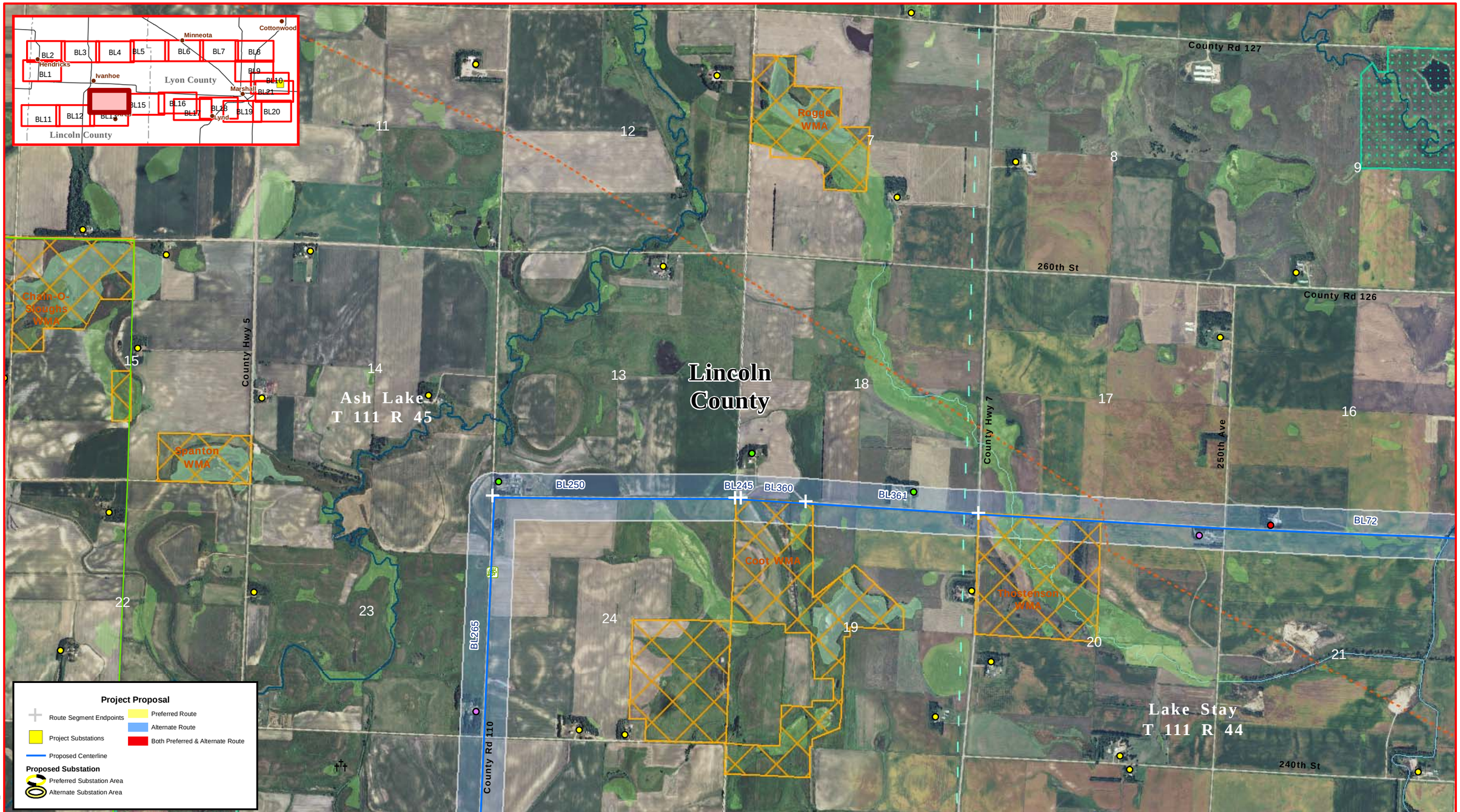

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Existing Substations

Transmission Lines
- 69 kV - Existing
- 115 kV - Existing
- 230 kV - Existing
- 345 kV - Existing
- 69 kV - Proposed
- 115 kV - Proposed
- 230 kV - Proposed

- Cemetery
- Churches
- Parks and Recreation
- Aggregate locations
- FCC Telecom Tower
- Certified Organic Farm
- Scenic Byway
- Planned MN DOT Upgrades
- Existing Pipeline

- Railroad Prairie
- Center Pivot Irrigation
- MCES Planned Interceptor

Trails
- Existing State & Regional Trail
- Regional Planned & Proposed Trail
- Snowmobile Trail

MCBS Biodiversity Significance
- Moderate Significance
- High Significance
- Outstanding Significance

Homes (from Proposed Centerline)
- 75 - 150 ft
- 150 - 300 ft
- 300 - 500 ft
- over 500 ft

MN State Wild and Scenic River
- Scenic
- Recreational

Hydrography and Wetlands
- NWI Wetland
- PWI Water
- MN Trout Streams
- Impaired Waters

- USFWS Easement
- MN SNA
- Metro Park
- Metro Significant
- USFWS WPA
- USFWS NWR

MN WMA
- State Funded
- Federally Funded

Appendix B.2 - Sheet BL14
Brookings County Substation to
Lyon County Substation
Detailed Route Maps

Route Permit
Brookings County - Hampton
345 kV Transmission Line

Data Source: Please refer to Section 12

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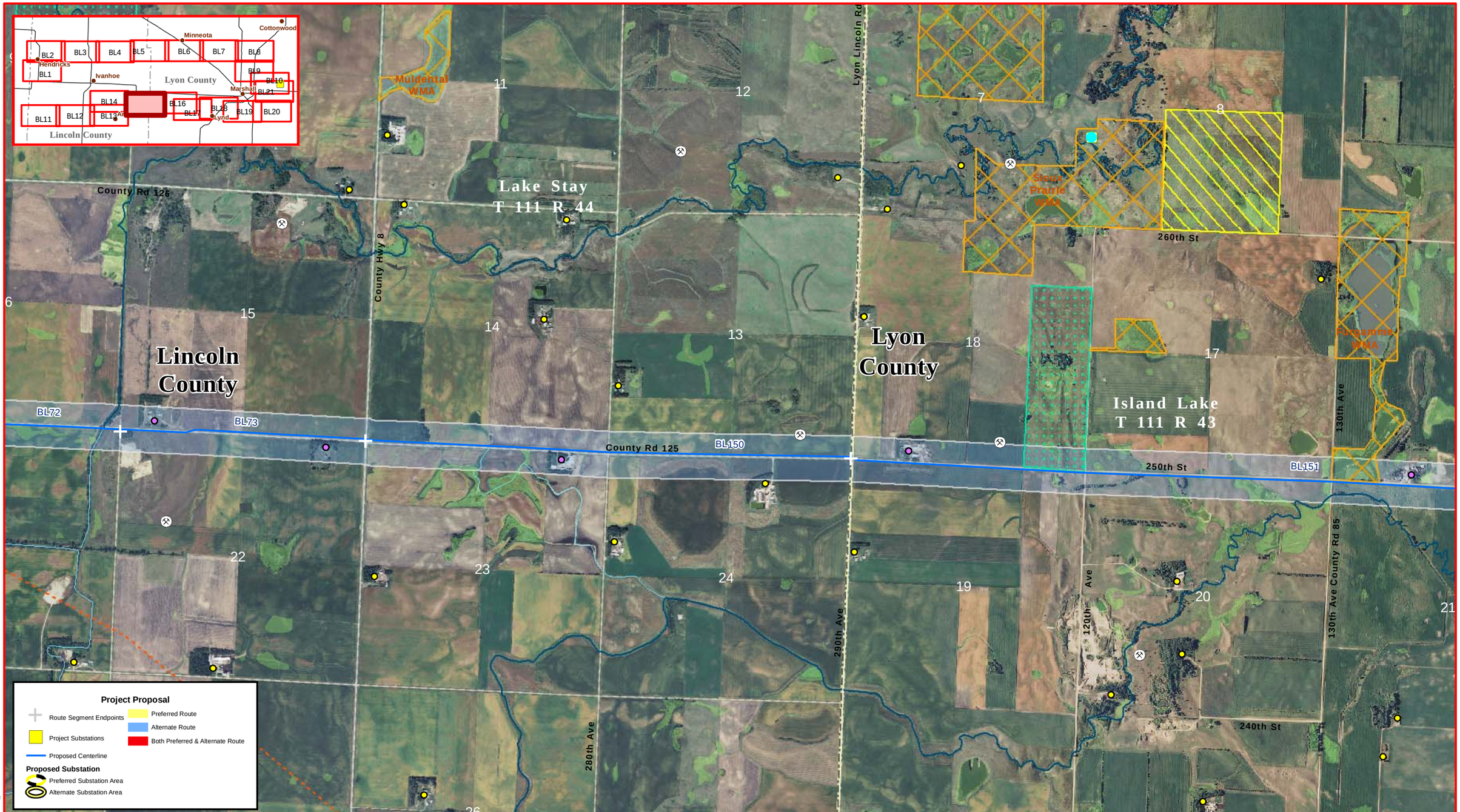

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Existing Substations

Transmission Lines
- 69 kV - Existing
- 115 kV - Existing
- 230 kV - Existing
- 345 kV - Existing
- 69 kV - Proposed
- 115 kV - Proposed
- 230 kV - Proposed

- Cemetery
- Churches
- Parks and Recreation
- Aggregate locations
- FCC Telecom Tower
- Certified Organic Farm
- Scenic Byway
- Planned MN DOT Upgrades
- Existing Pipeline

- Railroad Prairie
- Center Pivot Irrigation
- MCES Planned Interceptor

Trails
- Existing State & Regional Trail
- Regional Planned & Proposed Trail
- Snowmobile Trail

MCBS Biodiversity Significance
- Moderate Significance
- High Significance
- Outstanding Significance

Homes (from Proposed Centerline)
- 75 - 150 ft
- 150 - 300 ft
- 300 - 500 ft
- over 500 ft

MN State Wild and Scenic River
- Scenic
- Recreational

Hydrography and Wetlands
- NWI Wetland
- PWI Water
- MN Trout Streams
- Impaired Waters

- USFWS Easement
- MN SNA
- Metro Park
- Metro Significant
- USFWS WPA
- USFWS NWR

MN WMA
- State Funded
- Federally Funded

Data Source: Please refer to Section 12

Appendix B.2 - Sheet BL15
Brookings County Substation to
Lyon County Substation
Detailed Route Maps

Route Permit
Brookings County - Hampton
345 kV Transmission Line

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Data Source: Please refer to Section 12

Existing Substations
Transmission Lines
69 kV - Existing
115 kV - Existing
230 kV - Existing
345 kV - Existing
69 kV - Proposed
115 kV - Proposed
230 kV - Proposed

Cemetery
Churches
Parks and Recreation
Aggregate locations
FCC Telecom Tower
Certified Organic Farm
Scenic Byway
Planned MN DOT Upgrades
Existing Pipeline

Railroad Prairie
Center Pivot Irrigation
MCES Planned Interceptor
Trails
Existing State & Regional Trail
Regional Planned & Proposed Trail
Snowmobile Trail
MCBS Biodiversity Significance
Moderate Significance
High Significance
Outstanding Significance

Homes (from Proposed Centerline)
75 - 150 ft
150 - 300 ft
300 - 500 ft
over 500 ft

MN State Wild and Scenic River
Scenic
Recreational
Hydrography and Wetlands
NWI Wetland
PWI Water
MN Trout Streams
Impaired Waters

USFWS Easement
MN SNA
Metro Park
Metro Significant
USFWS WPA
USFWS NWR
MN WMA
State Funded
Federally Funded

Appendix B.2 - Sheet BL16
Brookings County Substation to
Lyon County Substation
Detailed Route Maps

Route Permit
Brookings County - Hampton
345 kV Transmission Line

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Existing Substations

Transmission Lines
- 69 kV - Existing
- 115 kV - Existing
- 230 kV - Existing
- 345 kV - Existing
- 69 kV - Proposed
- 115 kV - Proposed
- 230 kV - Proposed

- Cemetery
- Churches
- Parks and Recreation
- Aggregate locations
- FCC Telecom Tower
- Certified Organic Farm
- Scenic Byway
- Planned MN DOT Upgrades
- Existing Pipeline

- Railroad Prairie
- Center Pivot Irrigation
- MCES Planned Interceptor

Trails
- Existing State & Regional Trail
- Regional Planned & Proposed Trail
- Snowmobile Trail

MCBS Biodiversity Significance
- Moderate Significance
- High Significance
- Outstanding Significance

Homes (from Proposed Centerline)
- 75 - 150 ft
- 150 - 300 ft
- 300 - 500 ft
- over 500 ft

MN State Wild and Scenic River
- Scenic
- Recreational

Hydrography and Wetlands
- NWI Wetland
- PWI Water
- MN Trout Streams
- Impaired Waters

- USFWS Easement
- MN SNA
- Metro Park
- Metro Significant
- USFWS WPA
- USFWS NWR

MN WMA
- State Funded
- Federally Funded

Data Source: Please refer to Section 12

Appendix B.2 - Sheet BL17
Brookings County Substation to
Lyon County Substation
Detailed Route Maps

Route Permit
Brookings County - Hampton
345 kV Transmission Line

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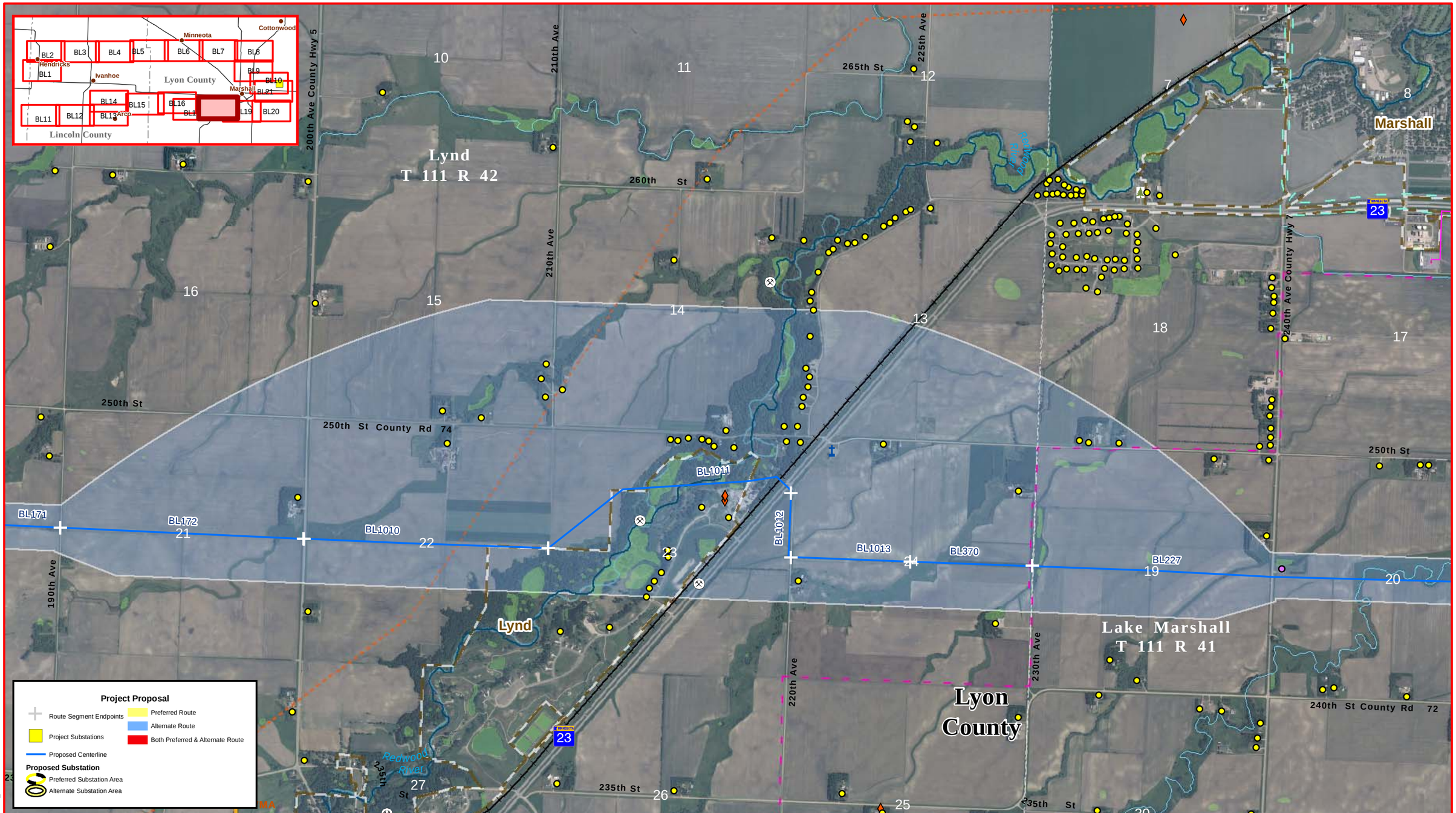

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Existing Substations

Transmission Lines
- 69 kV - Existing
- 115 kV - Existing
- 230 kV - Existing
- 345 kV - Existing
- 69 kV - Proposed
- 115 kV - Proposed
- 230 kV - Proposed

- Cemetery
- Churches
- Parks and Recreation
- Aggregate locations
- FCC Telecom Tower
- Certified Organic Farm
- Scenic Byway
- Planned MN DOT Upgrades
- Existing Pipeline

- Railroad Prairie
- Center Pivot Irrigation
- MCES Planned Interceptor

Trails
- Existing State & Regional Trail
- Regional Planned & Proposed Trail
- Snowmobile Trail

MCBS Biodiversity Significance
- Moderate Significance
- High Significance
- Outstanding Significance

Homes (from Proposed Centerline)
- 75 - 150 ft
- 150 - 300 ft
- 300 - 500 ft
- over 500 ft

MN State Wild and Scenic River
- Scenic
- Recreational

Hydrography and Wetlands
- NWI Wetland
- PWI Water
- MN Trout Streams
- Impaired Waters

- USFWS Easement
- MN SNA
- Metro Park
- Metro Significant
- USFWS WPA
- USFWS NWR

MN WMA
- State Funded
- Federally Funded

Data Source: Please refer to Section 12

Appendix B.2 - Sheet BL18
Brookings County Substation to
Lyon County Substation
Detailed Route Maps

Route Permit
Brookings County - Hampton
345 kV Transmission Line

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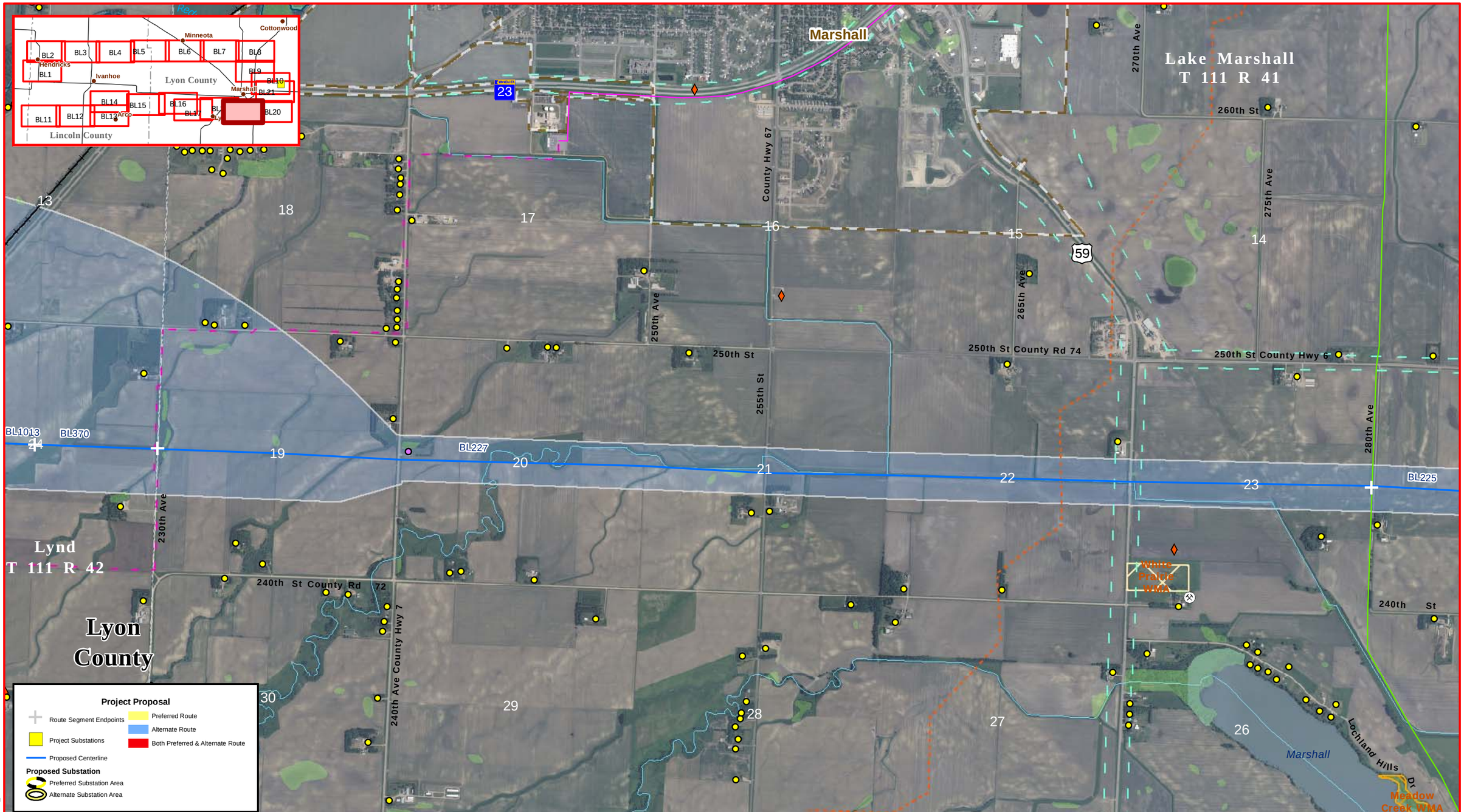

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Existing Substations

Transmission Lines
- 69 kV - Existing
- 115 kV - Existing
- 230 kV - Existing
- 345 kV - Existing
- 69 kV - Proposed
- 115 kV - Proposed
- 230 kV - Proposed

- Cemetery
- Churches
- Parks and Recreation
- Aggregate locations
- FCC Telecom Tower
- Certified Organic Farm
- Scenic Byway
- Planned MN DOT Upgrades
- Existing Pipeline

- Railroad Prairie
- Center Pivot Irrigation
- MCES Planned Interceptor

Trails
- Existing State & Regional Trail
- Regional Planned & Proposed Trail
- Snowmobile Trail

MCBS Biodiversity Significance
- Moderate Significance
- High Significance
- Outstanding Significance

Homes (from Proposed Centerline)
- 75 - 150 ft
- 150 - 300 ft
- 300 - 500 ft
- over 500 ft

MN State Wild and Scenic River
- Scenic
- Recreational

Hydrography and Wetlands
- NWI Wetland
- PWI Water
- MN Trout Streams
- Impaired Waters

- USFWS Easement
- MN SNA
- Metro Park
- Metro Significant
- USFWS WPA
- USFWS NWR

MN WMA
- State Funded
- Federally Funded

Data Source: Please refer to Section 12

Appendix B.2 - Sheet BL19
Brookings County Substation to
Lyon County Substation
Detailed Route Maps

Route Permit
Brookings County - Hampton
345 kV Transmission Line

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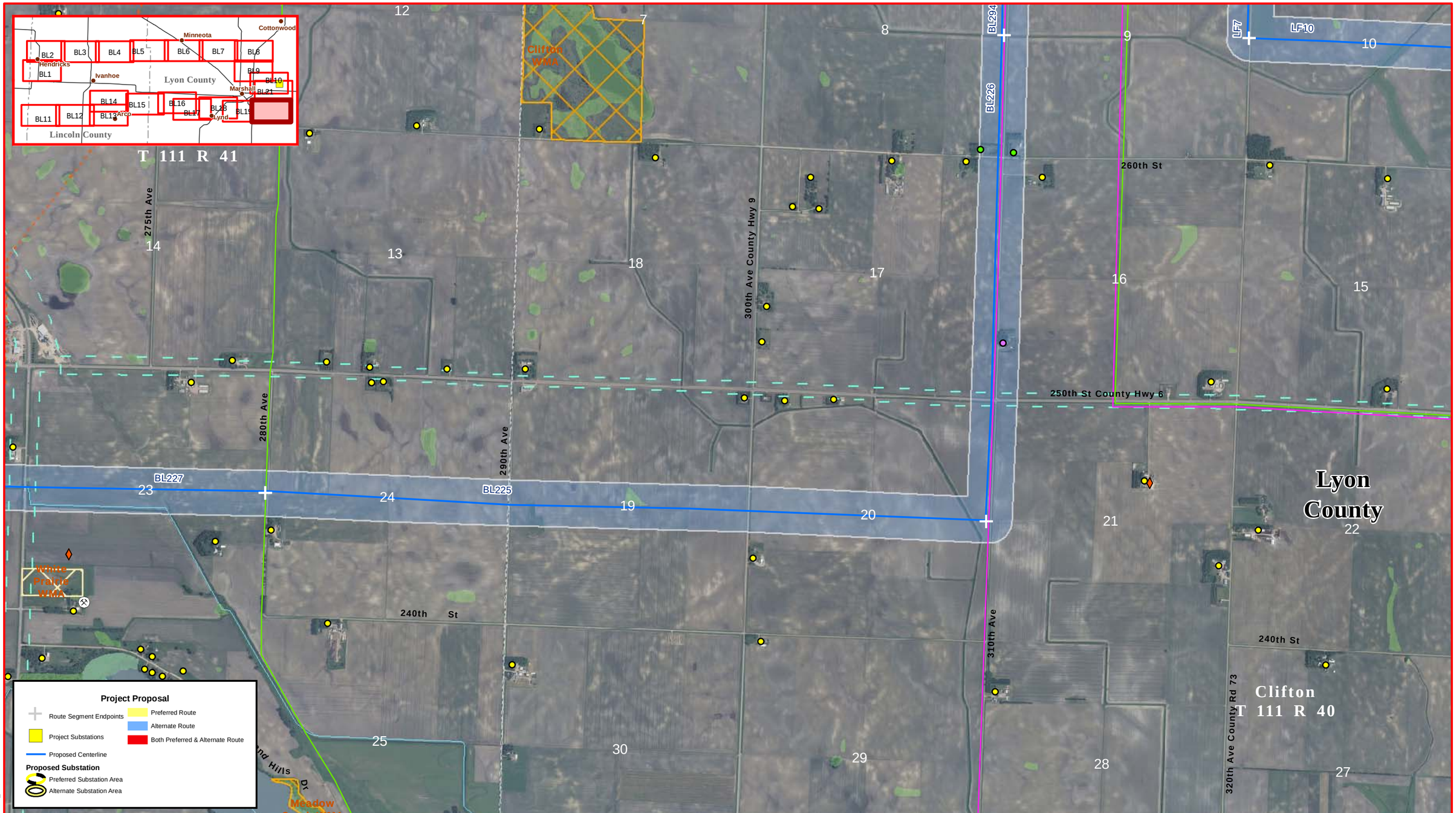

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Existing Substations

Transmission Lines

- 69 kV - Existing
- 115 kV - Existing
- 230 kV - Existing
- 345 kV - Existing
- 69 kV - Proposed
- 115 kV - Proposed
- 230 kV - Proposed

Cemetery
Churches
Parks and Recreation
Aggregate locations
FCC Telecom Tower
Certified Organic Farm
Scenic Byway
Planned MN DOT Upgrades
Existing Pipeline

Railroad Prairie
Center Pivot Irrigation
MCES Planned Interceptor

Trails

- Existing State & Regional Trail
- Regional Planned & Proposed Trail
- Snowmobile Trail

MCBS Biodiversity Significance

- Moderate Significance
- High Significance
- Outstanding Significance

Homes (from Proposed Centerline)

- 75 - 150 ft
- 150 - 300 ft
- 300 - 500 ft
- over 500 ft

MN State Wild and Scenic River

- Scenic
- Recreational

Hydrography and Wetlands

- NWI Wetland
- PWI Water
- MN Trout Streams
- Impaired Waters

- USFWS Easement
- MN SNA
- Metro Park
- Metro Significant
- USFWS WPA
- USFWS NWR

MN WMA

- State Funded
- Federally Funded

Data Source: Please refer to Section 12

Appendix B.2 - Sheet BL20
Brookings County Substation to
Lyon County Substation
Detailed Route Maps

Route Permit
Brookings County - Hampton
345 kV Transmission Line

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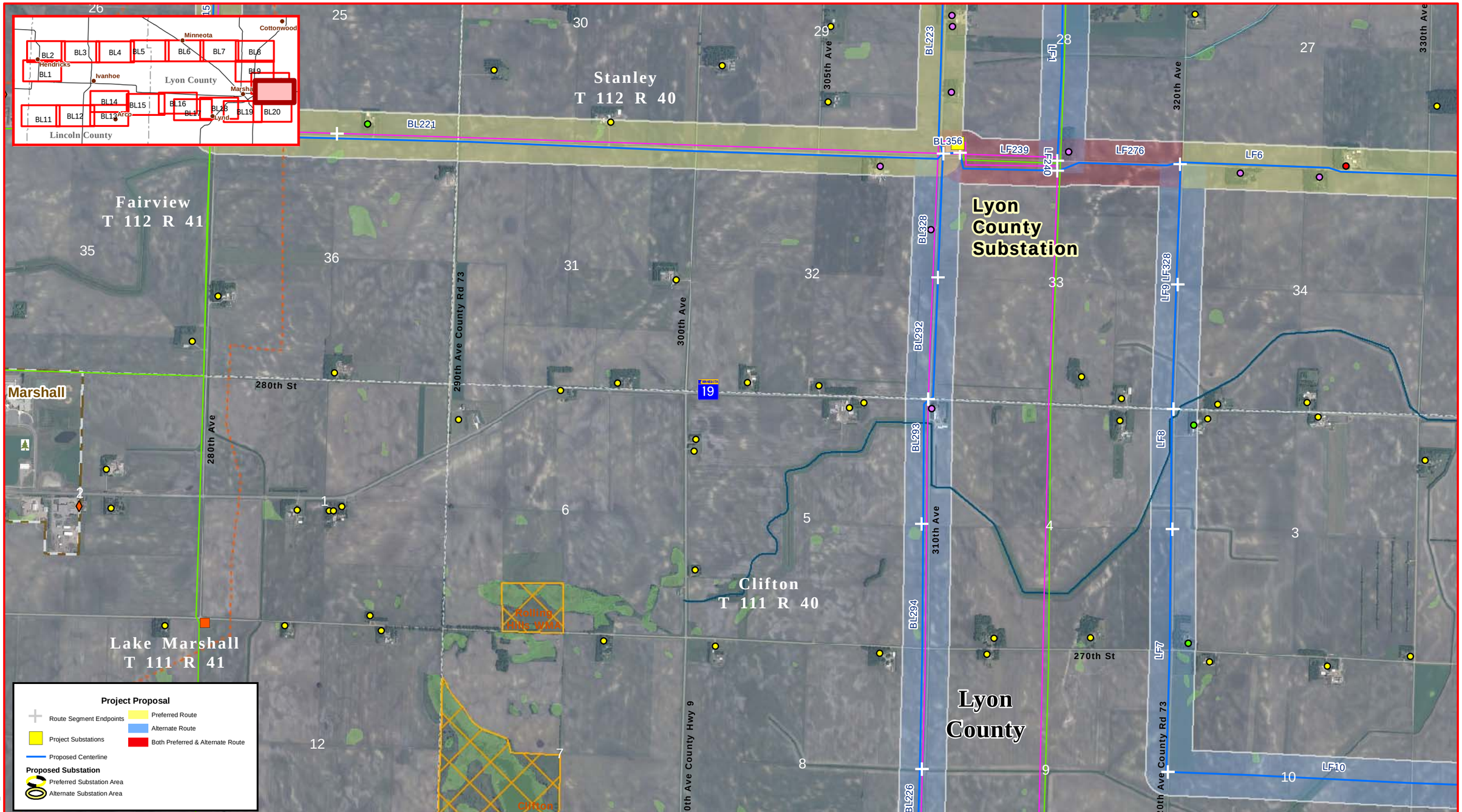

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Existing Substations

Transmission Lines
- 69 kV - Existing
- 115 kV - Existing
- 230 kV - Existing
- 345 kV - Existing
- 69 kV - Proposed
- 115 kV - Proposed
- 230 kV - Proposed

- Cemetery
- Churches
- Parks and Recreation
- Aggregate locations
- FCC Telecom Tower
- Certified Organic Farm
- Scenic Byway
- Planned MN DOT Upgrades
- Existing Pipeline

- Railroad Prairie
- Center Pivot Irrigation
- MCES Planned Interceptor

Trails
- Existing State & Regional Trail
- Regional Planned & Proposed Trail
- Snowmobile Trail

MCBS Biodiversity Significance
- Moderate Significance
- High Significance
- Outstanding Significance

Homes (from Proposed Centerline)
- 75 - 150 ft
- 150 - 300 ft
- 300 - 500 ft
- over 500 ft

MN State Wild and Scenic River
- Scenic
- Recreational

Hydrography and Wetlands
- NWI Wetland
- PWI Water
- MN Trout Streams
- Impaired Waters

- USFWS Easement
- MN SNA
- Metro Park
- Metro Significant
- USFWS WPA
- USFWS NWR

MN WMA
- State Funded
- Federally Funded

Data Source: Please refer to Section 12

Appendix B.2 - Sheet BL21
Brookings County Substation to
Lyon County Substation
Detailed Route Maps

Route Permit
Brookings County - Hampton
345 kV Transmission Line

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