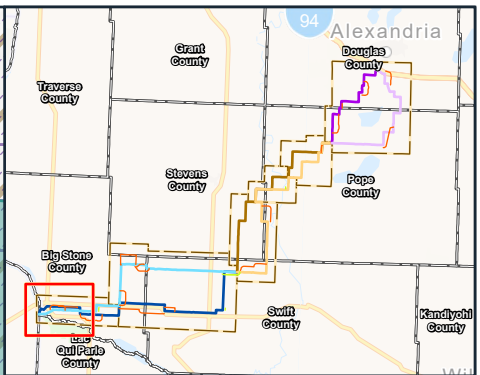
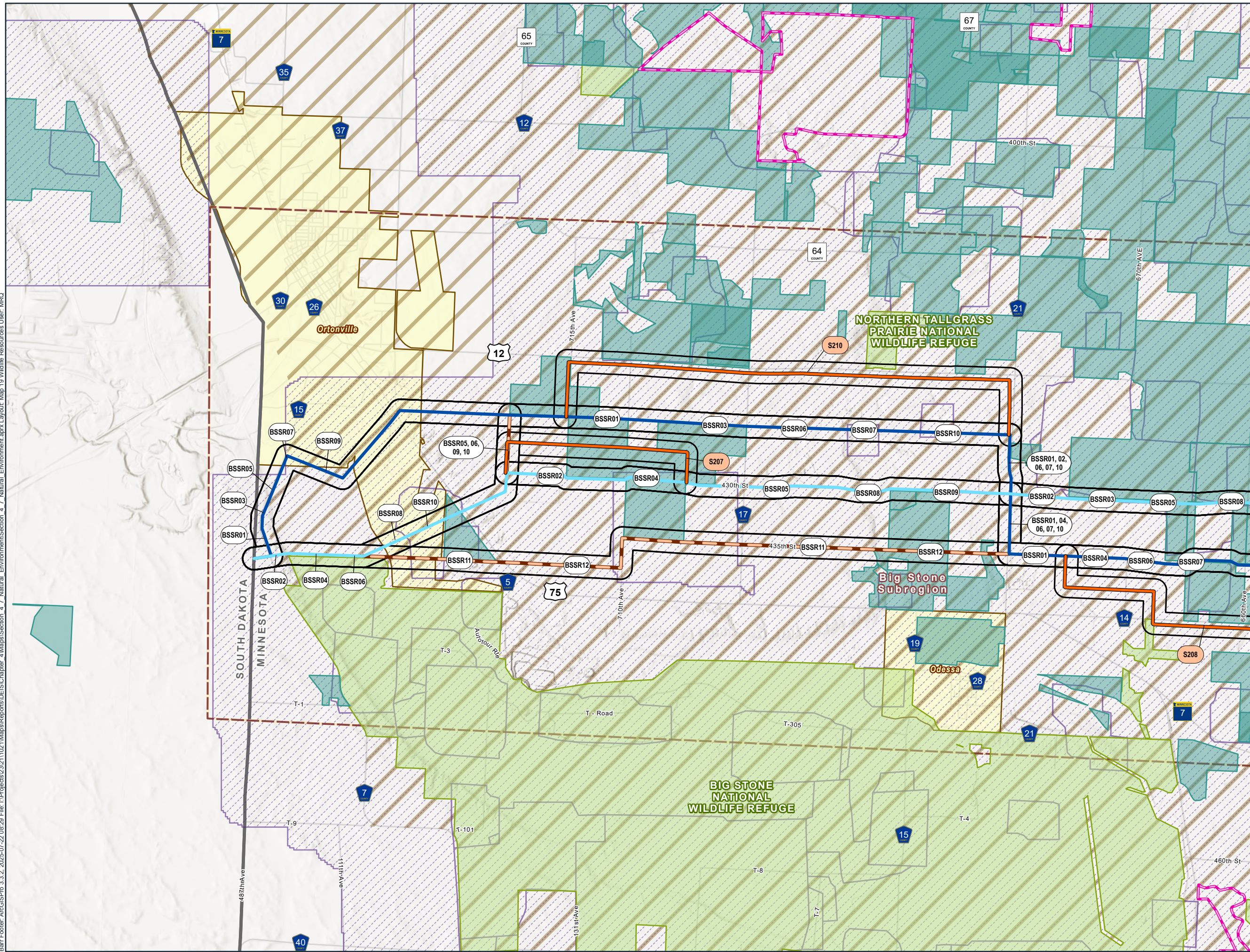
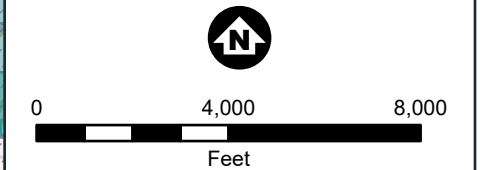
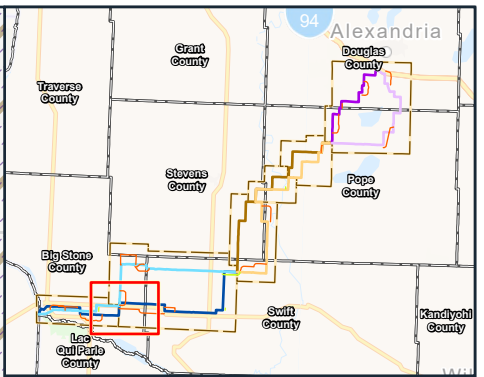
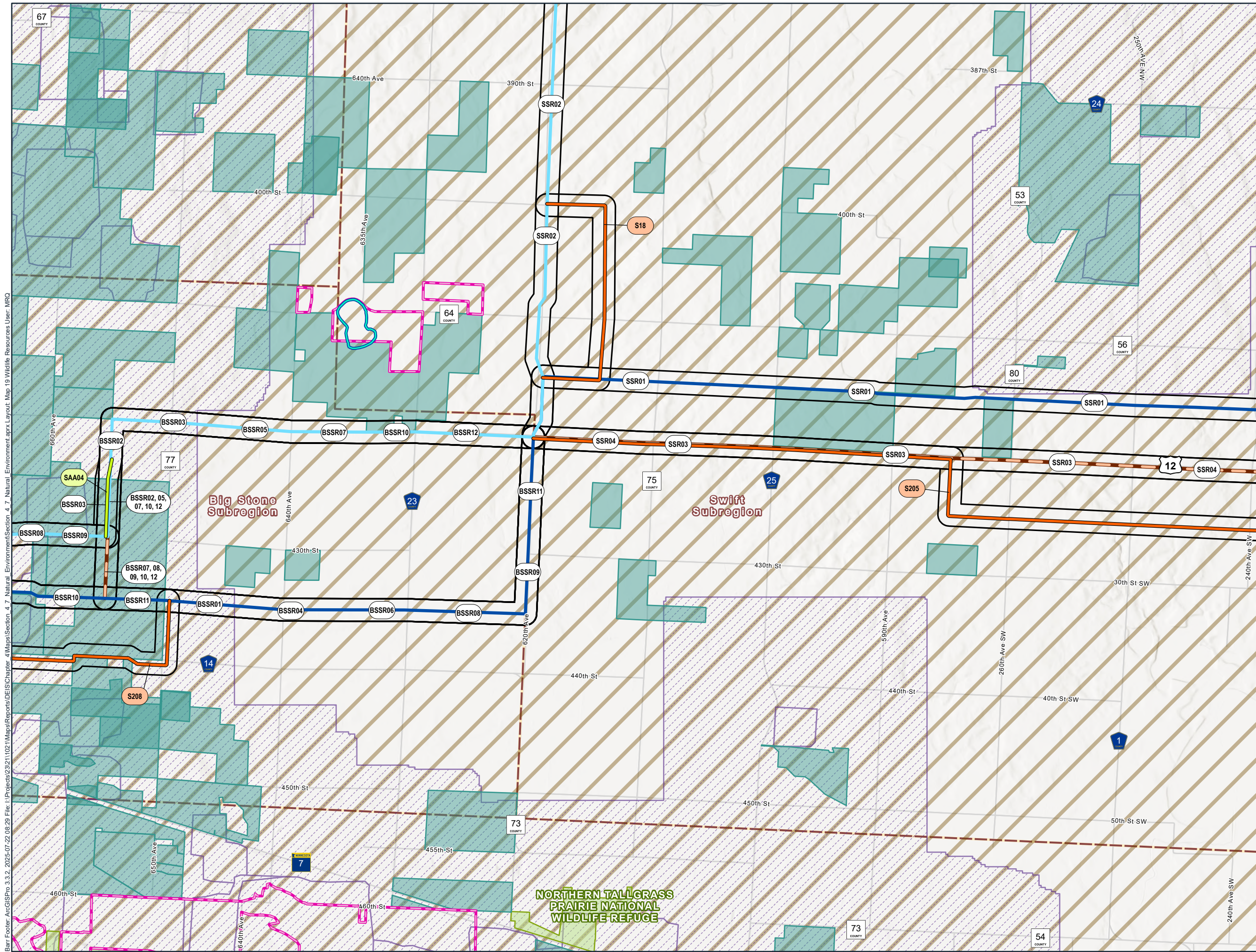




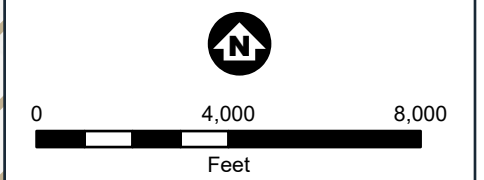
- Routes Associated with South 1
- Routes Associated with South 2
- Route Label
- Route Segment
- Route Segment Label
- Route Connector
- Route Width
- Assessment Subregion
- Municipal Boundary
- Wildlife Management Area
- Waterfowl Production Areas
- National Wildlife Refuge
- Grassland Bird Conservation Areas
- Important Bird Areas



Bar Footer ArcGISPro 3.3.2, 2025-07-22 08:29 File: I:\Projects\23\1102\1\Maps\Reports\DEIS\Chapter 4\Map\Section 4.7 Natural Environment\aprx Layout Map 19 Wildlife Resources User.MRX



- Routes Associated with South 1
- Routes Associated with South 2
- Route Label
- Route Segment
- Route Segment Label
- Alignment Alternative
- Alignment Alternative Label
- Route Connector
- Route Width
- Assessment Subregion
- Wildlife Management Area
- Designated Wildlife Lake
- Waterfowl Production Areas
- National Wildlife Refuge
- Grassland Bird Conservation Areas
- Important Bird Areas

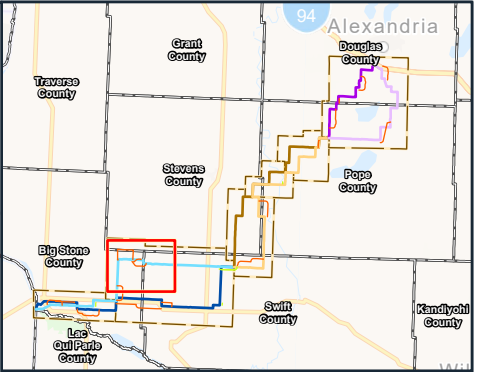
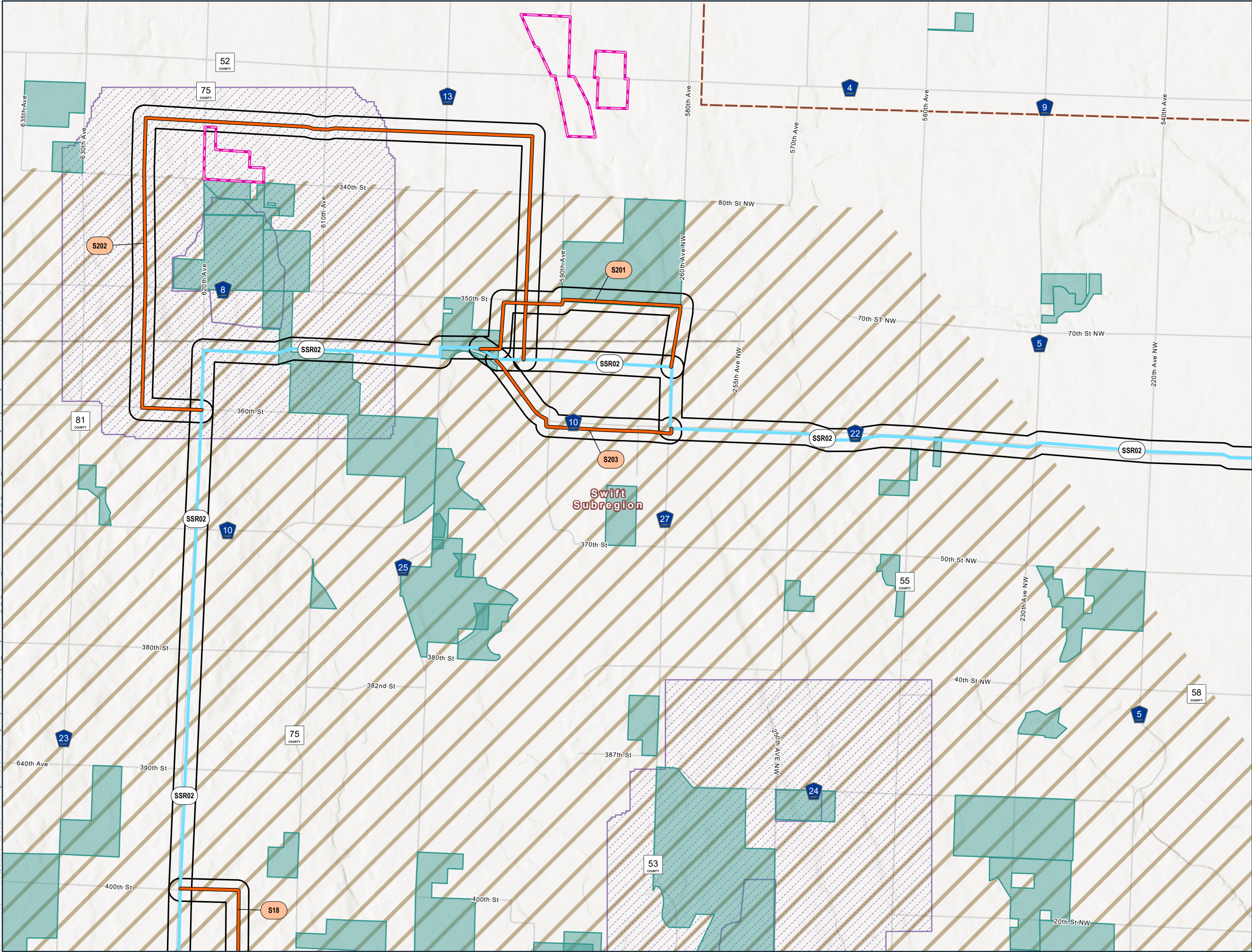


Wildlife Resources
Big Stone and Swift
Subregions
Big Stone South to Alexandria
Project

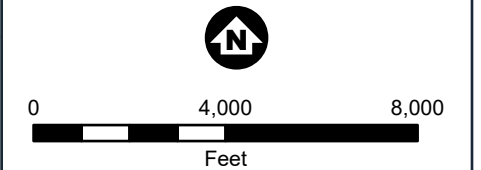
MAP 18-2

m MINNESOTA

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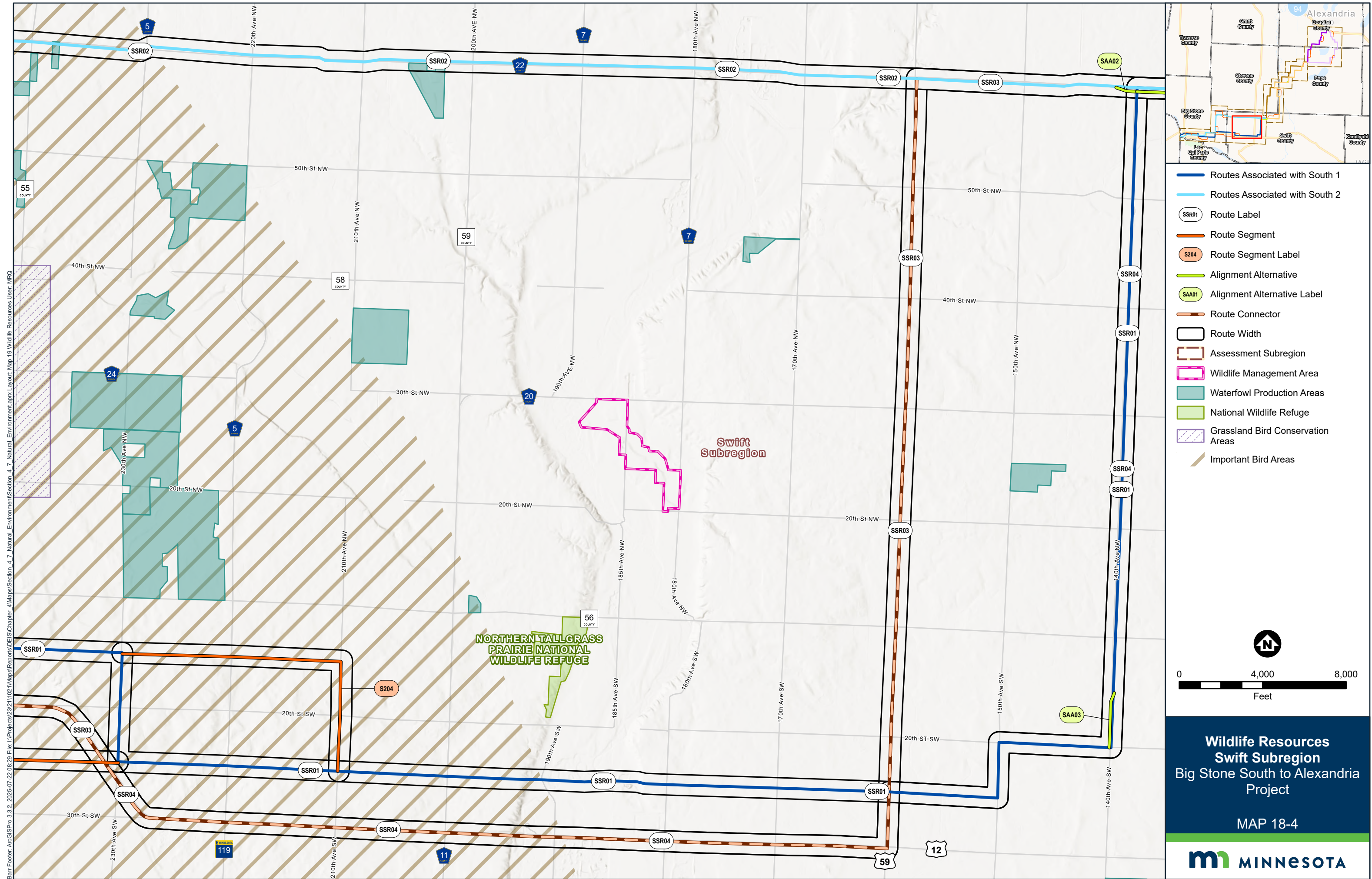
- Routes Associated with South 2
- SSR01 Route Label
- Route Segment
- S204 Route Segment Label
- Route Width
- Assessment Subregion
- Wildlife Management Area
- Waterfowl Production Areas
- Grassland Bird Conservation Areas
- Important Bird Areas

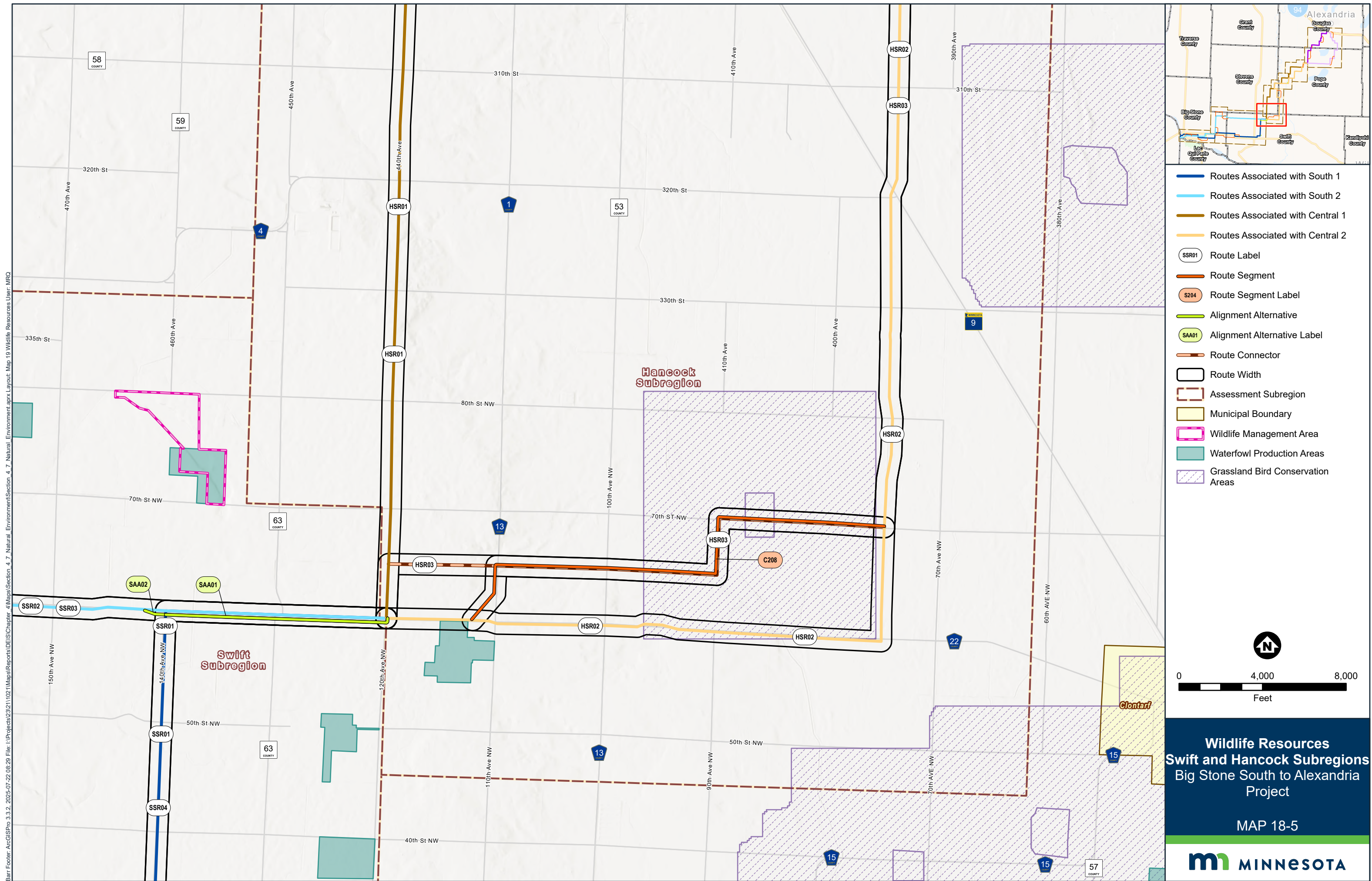


Wildlife Resources
Swift Subregion
Big Stone South to Alexandria
Project

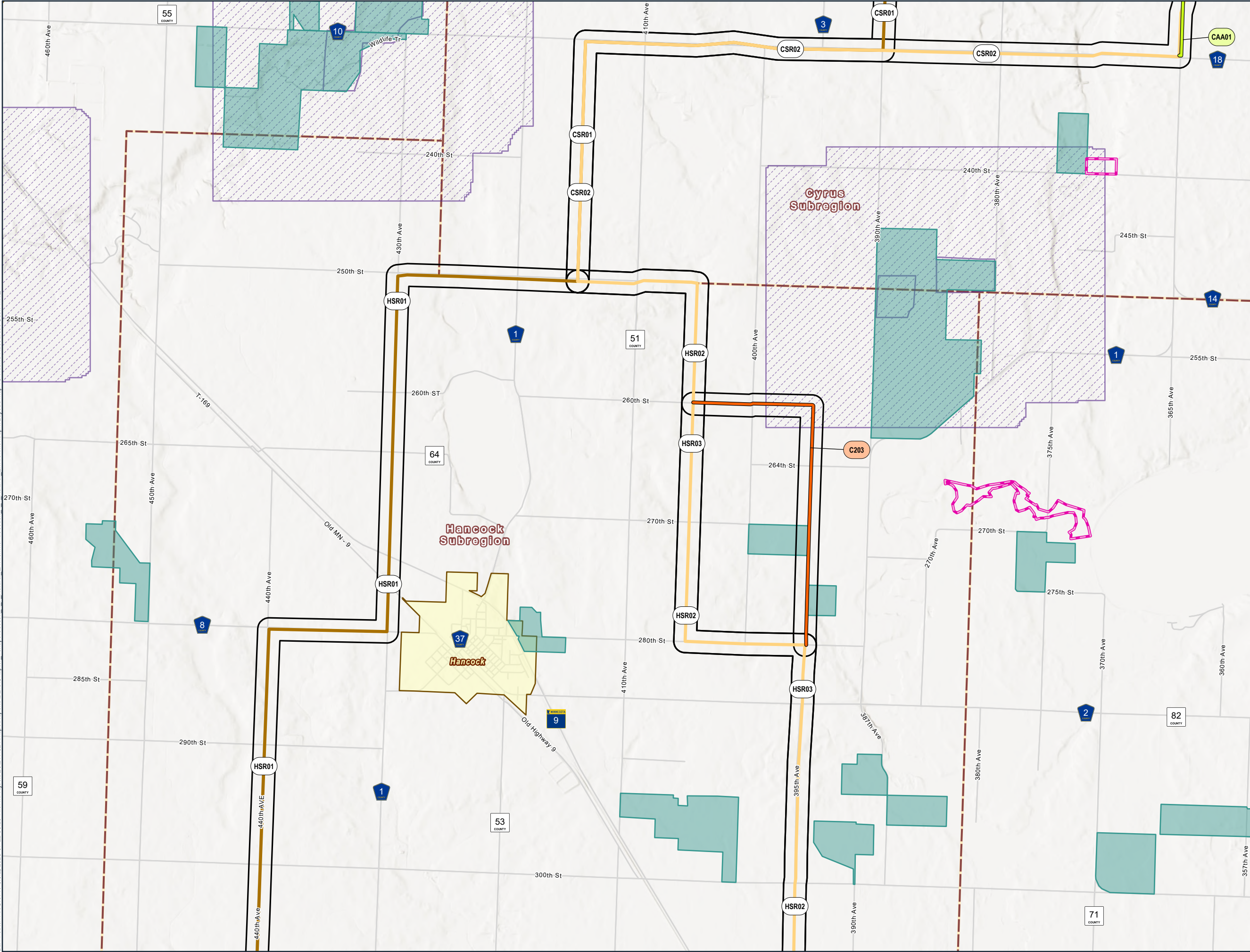
MAP 18-3

m MINNESOTA





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Routes Associated with Central 1

Routes Associated with Central 2

Route Label

Route Segment

Route Segment Label

Alignment Alternative

Alignment Alternative Label

Route Width

Assessment Subregion

Municipal Boundary

Wildlife Management Area

Waterfowl Production Areas

Grassland Bird Conservation Areas

0 4,000 8,000

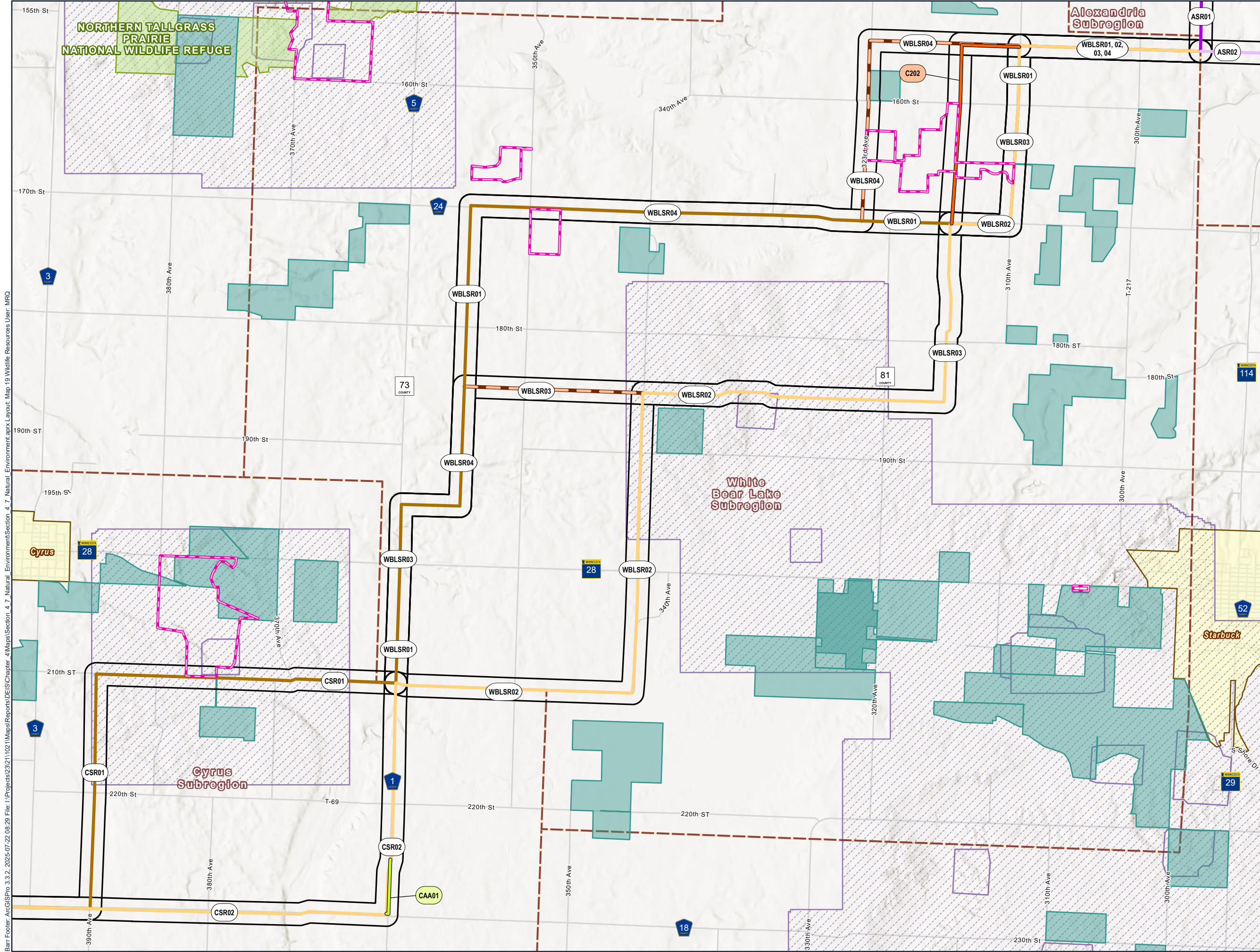
Feet

Wildlife Resources
Hancock and Cyrus
Subregions
Big Stone South to Alexandria
Project

MAP 18-6

m MINNESOTA

Bar Footer ArcGISPro 3.3.2, 2025-07-22 08:29 File: I:\Projects\23\1102\1\Maps\Reports\DEIS\Chapter 4\Maps\Section 4.7 Natural Environment\aprx Layout Map 19 Wildlife Resources User.MRX



Traverse County, Grant County, Douglas County, Stevens County, Pope County, Big Stone County, Swift County, Kandiyohi County, Lincoln County, and Lake County are shown. The project area is highlighted in the northeast corner.

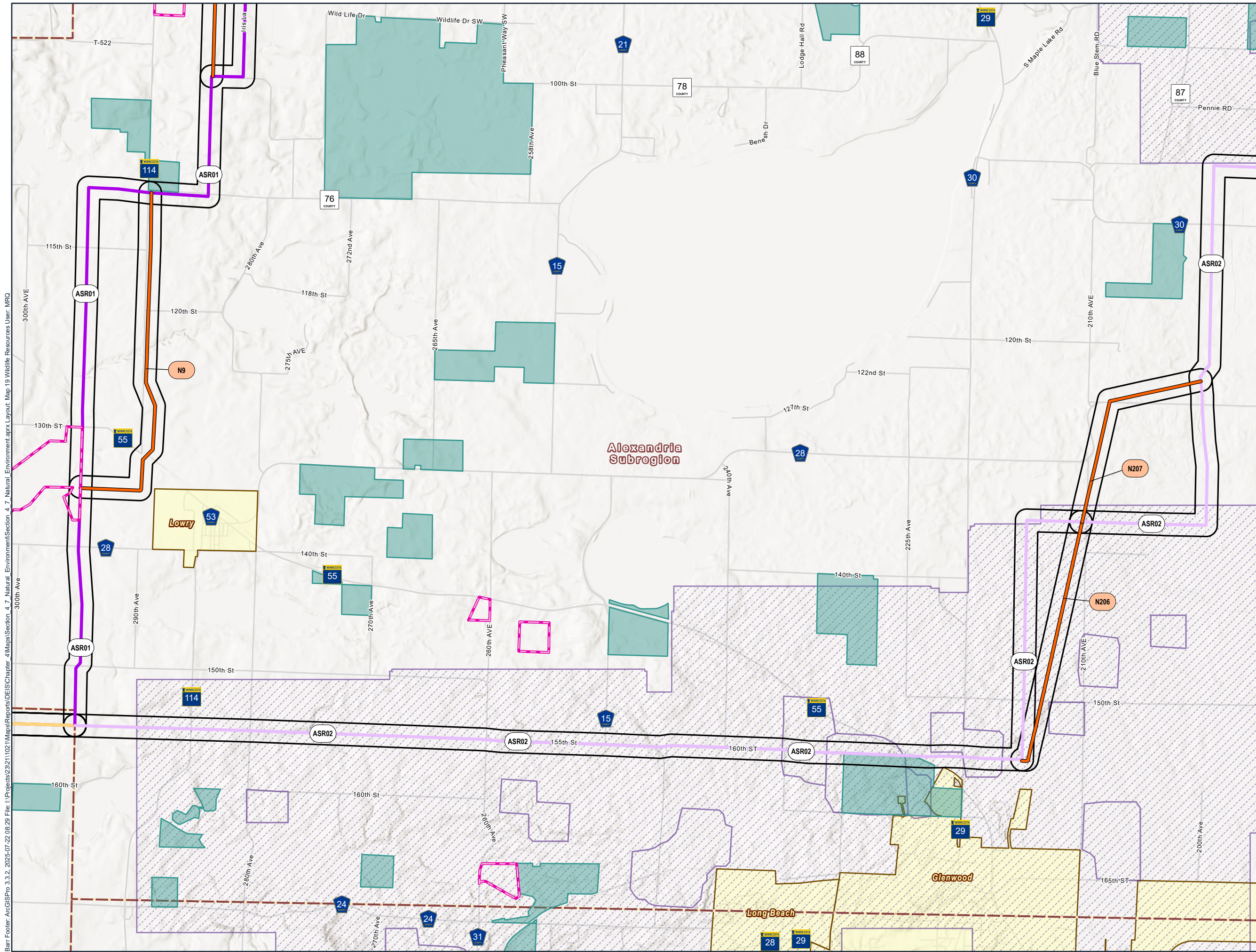
- Routes Associated with Central 1
- Routes Associated with Central 2
- Routes Associated with North 1
- Routes Associated with North 2
- SSR01 Route Label
- Route Segment
- S204 Route Segment Label
- Alignment Alternative
- SAA01 Alignment Alternative Label
- Route Connector
- Route Width
- Assessment Subregion
- Municipal Boundary
- Wildlife Management Area
- Waterfowl Production Areas
- National Wildlife Refuge
- Grassland Bird Conservation Areas

0 4,000 8,000 Feet

Wildlife Resources
Cyrus and White Bear Lake
Subregions
Big Stone South to Alexandria
Project
MAP 18-7

MINNESOTA

Barr Footer ArcGISPro 3.3.2, 2025-07-22 08:29 File: I:\Projects\23\21102\1\Maps\Reports\DEIS\Chapter 4\Maps\Section 4.7 Natural Environment\aprx Layout Map 19 Wildlife Resources User.MRX



- Routes Associated with Central 1
- Routes Associated with Central 2
- Routes Associated with North 1
- Routes Associated with North 2
- Route Label
- Route Segment
- Route Segment Label
- Route Width
- Assessment Subregion
- Municipal Boundary
- Wildlife Management Area
- Waterfowl Production Areas
- Grassland Bird Conservation Areas

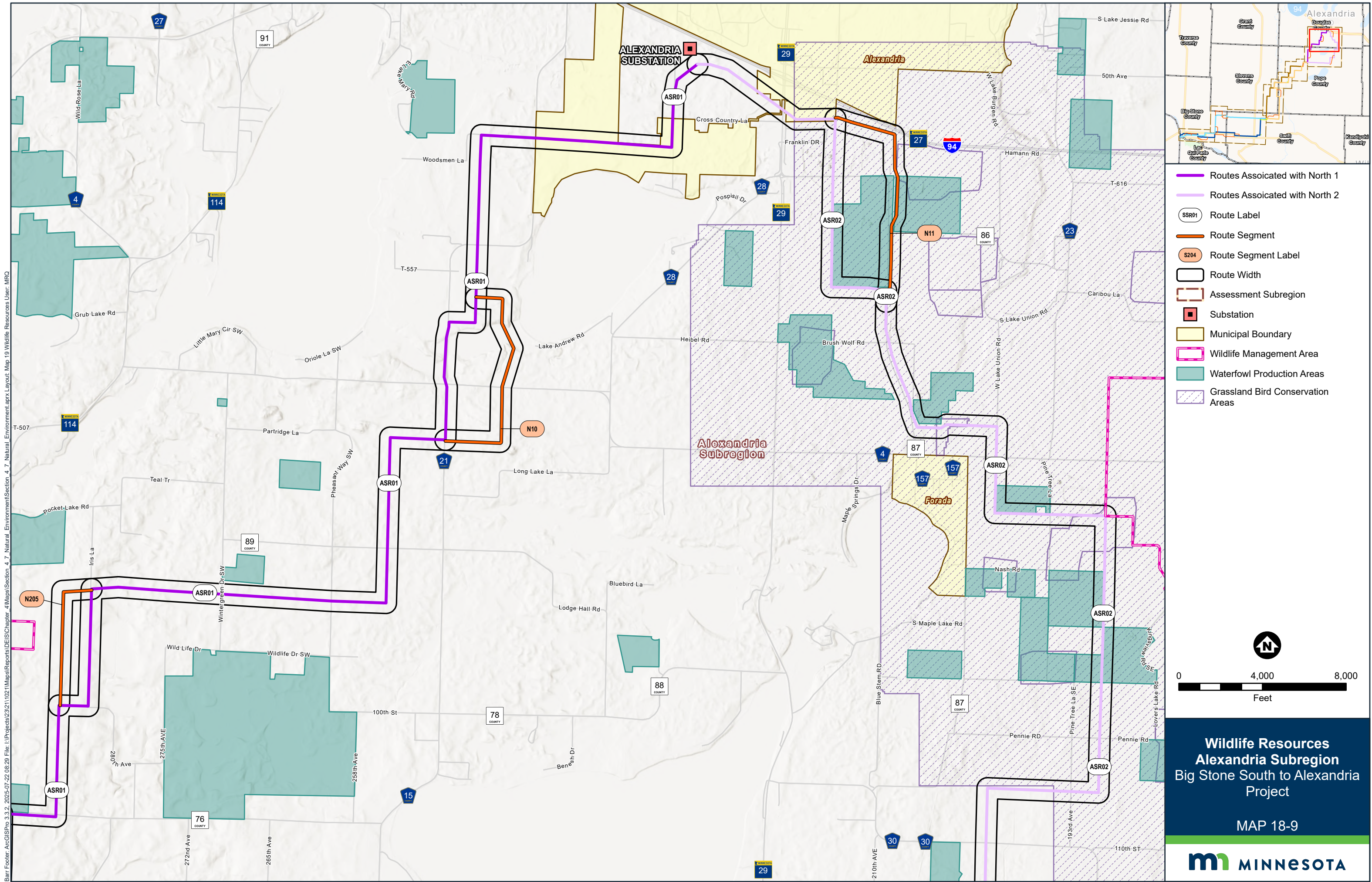
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Feet

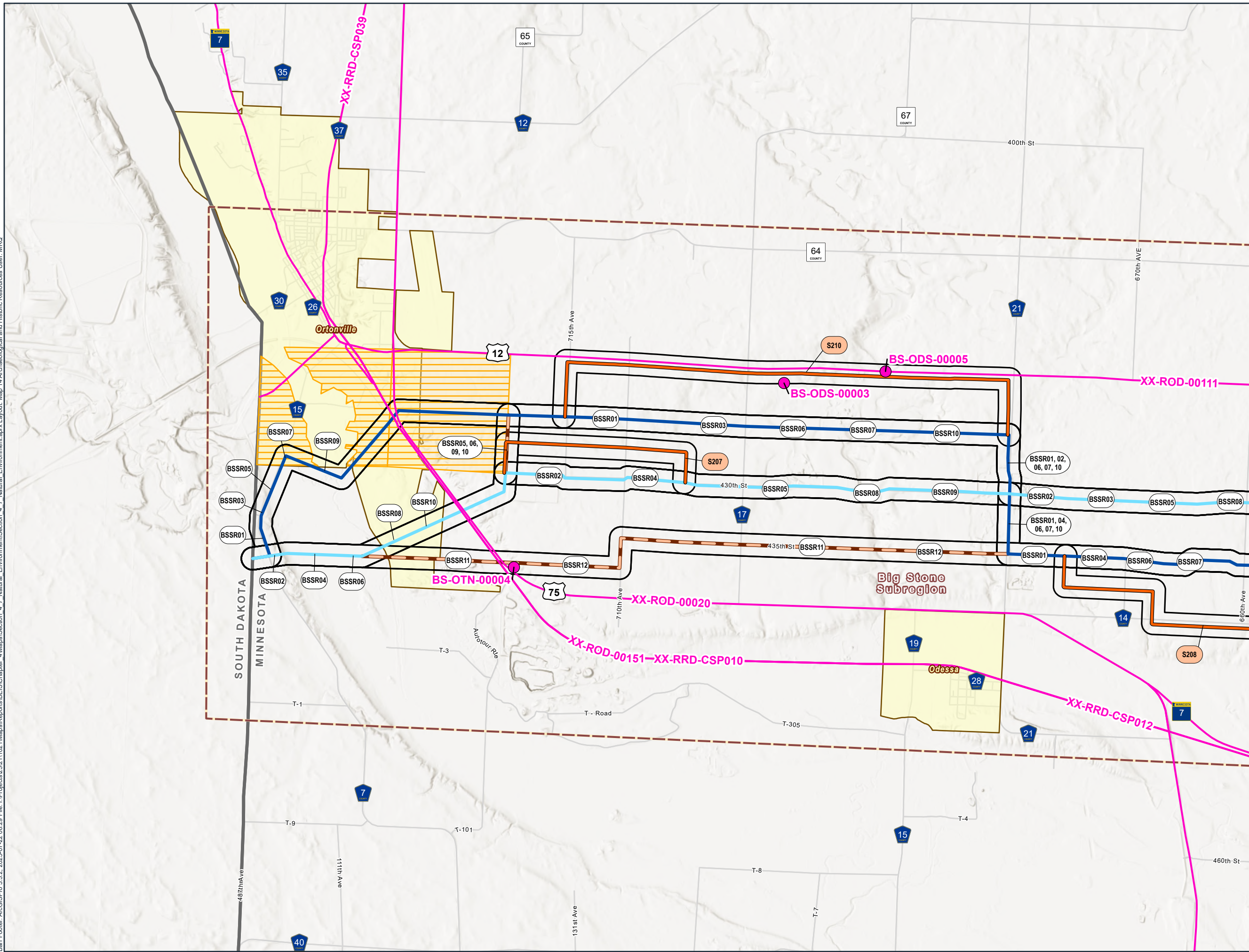
Wildlife Resources
White Bear Lake and
Alexandria Subregions
Big Stone South to Alexandria
Project

MAP 18-8

m MINNESOTA

Barr Footer ArcGISPro 3.3.2, 2025-07-22 08:29 File: I:\Projects\23\21\102\1\Maps\Reports\DEIS\Chapter 4\Maps\Section 4.7 Natural Environment\aprx Layout Map 19 Wildlife Resources User.MRX



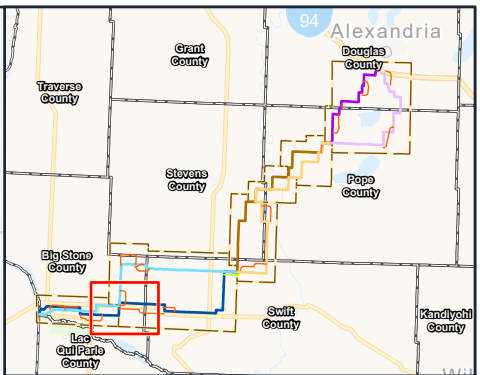
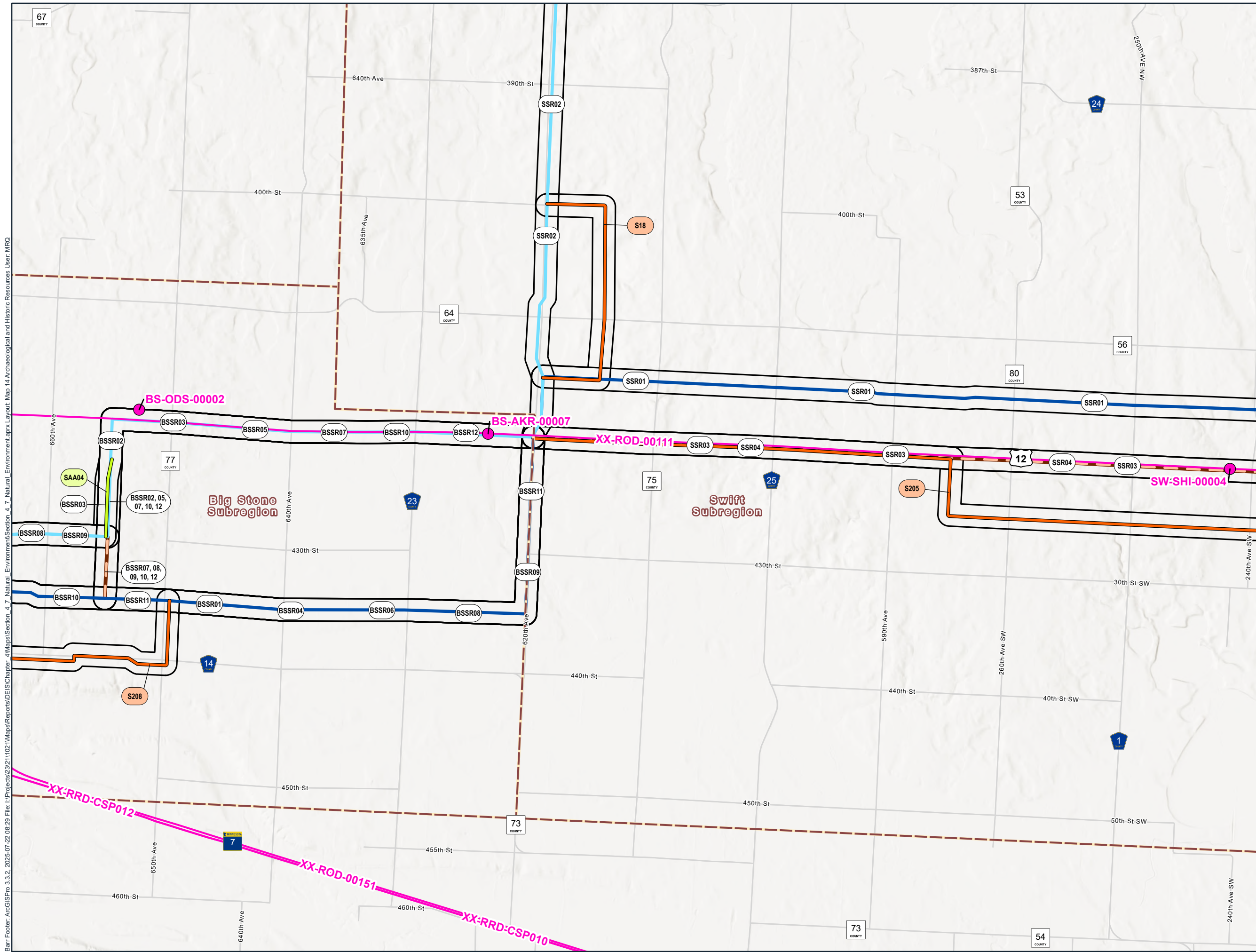


- Routes Associated with South 1
- Routes Associated with South 2
- Route Label
- Route Segment
- Route Segment Label
- Route Connector
- Route Width
- Assessment Subregion
- Municipal Boundary
- Historic/Architectural Resource
- Historic/Architectural Resource (Linear Feature)
- Section Containing Archaeological Site
 - 2 Sites

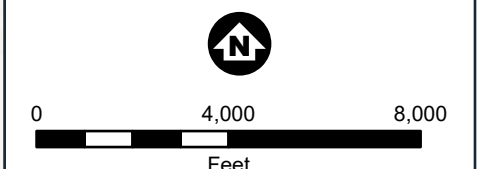
0 4,000 8,000 Feet

Archaeological and Historic Resources
Big Stone Subregion
Big Stone South to Alexandria Project
MAP 19-1

Bar Footer ArcGISPro 3.3.2, 2025-07-22 08:29 File: I:\Projects\23\1102\1\Maps\Reports\DEIS\Chapter 4\Maps\Section 4.7 Natural Environment\aprx Layout Map 14 Archaeological and Historic Resources User.MRQ

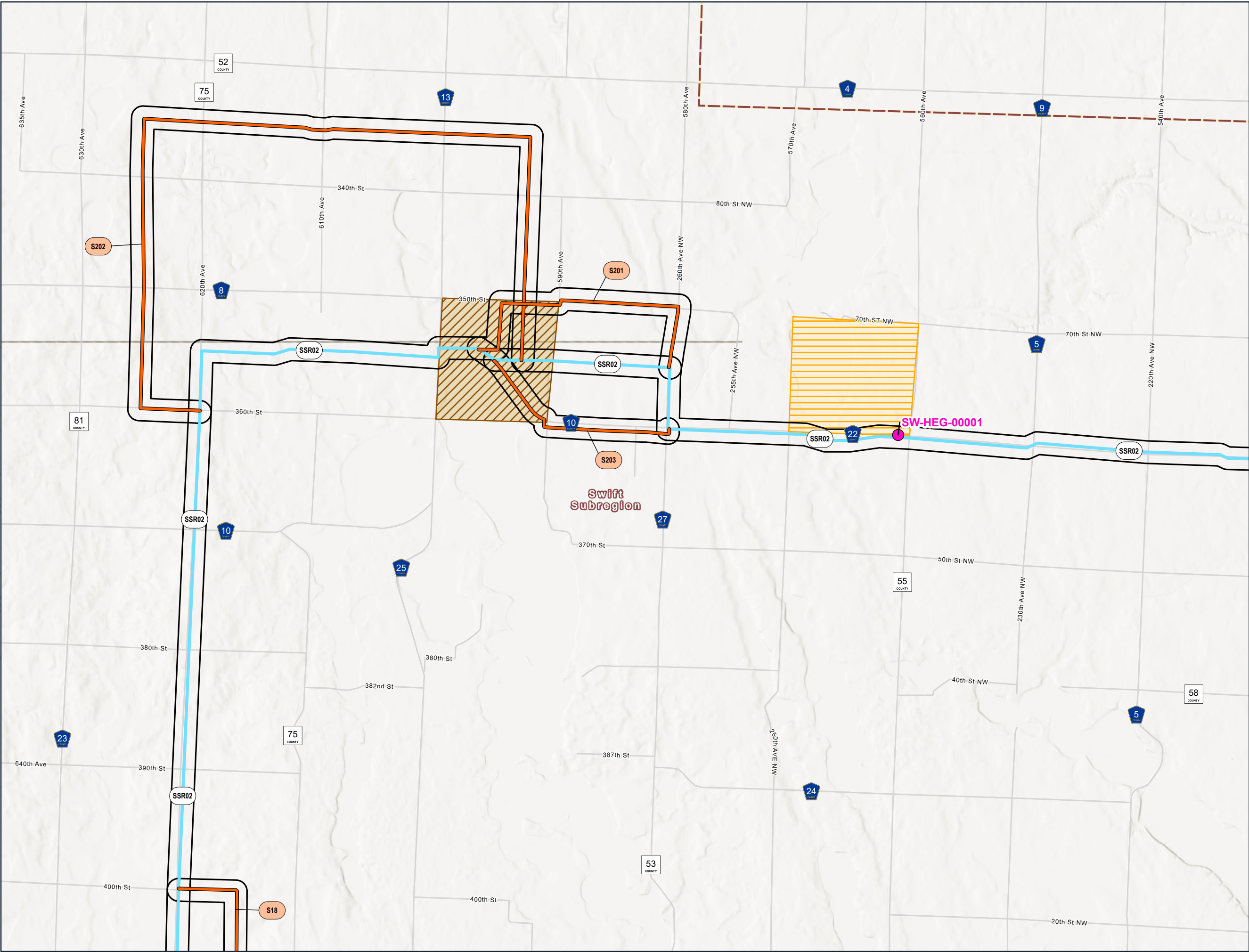


- Routes Associated with South 1
- Routes Associated with South 2
- SSR01 Route Label
- Route Segment
- S204 Route Segment Label
- Alignment Alternative
- SAA01 Alignment Alternative Label
- Route Connector
- Route Width
- Assessment Subregion
- Historic/Architectural Resource
- Historic/Architectural Resource (Linear Feature)



Archaeological and Historic Resources
Big Stone and Swift Subregions
Big Stone South to Alexandria Project
MAP 19-2

m MINNESOTA



Routes Associated with South 2

Route Label

Route Segment

Route Segment Label

Route Width

Assessment Subregion

Historic/Architectural Resource

Section Containing Archaeological Site

1 Site

2 Sites

0 4,000 8,000

Feet

Archaeological and Historic Resources

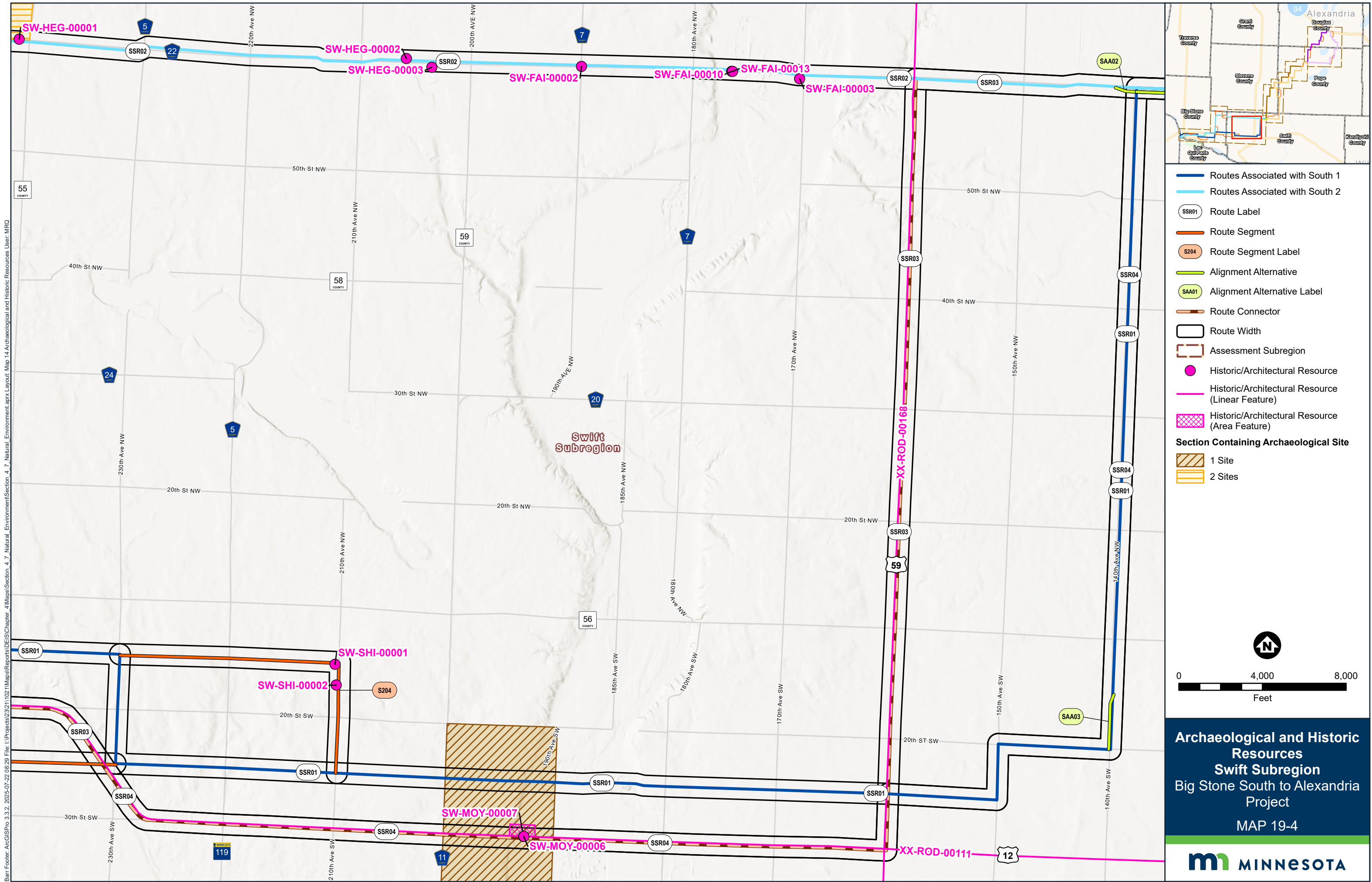
Swift Subregion

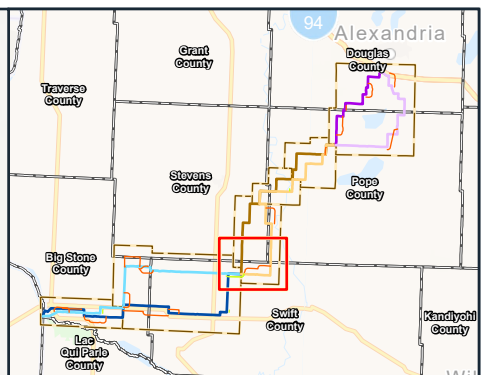
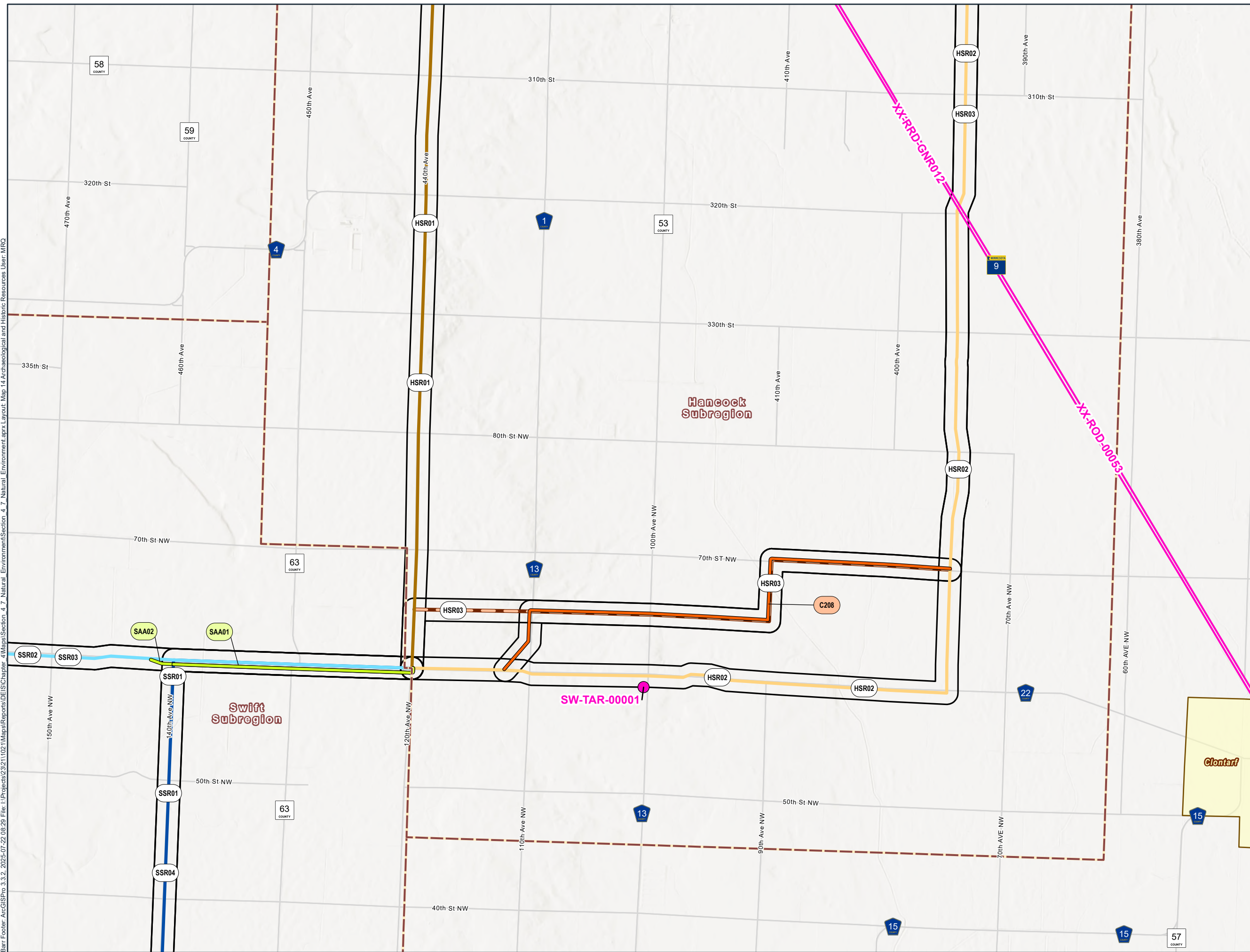
Big Stone South to Alexandria Project

MAP 19-3

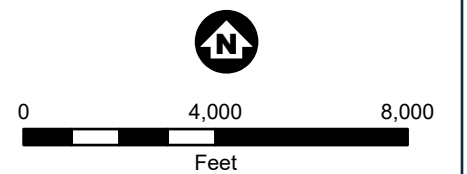
m MINNESOTA

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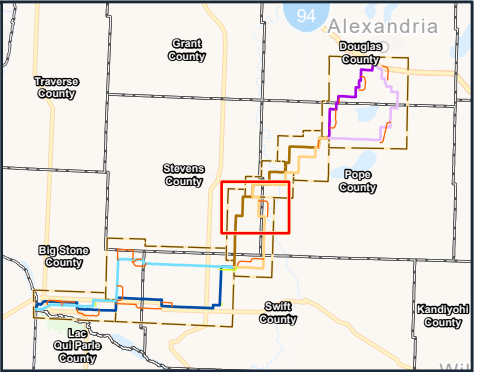
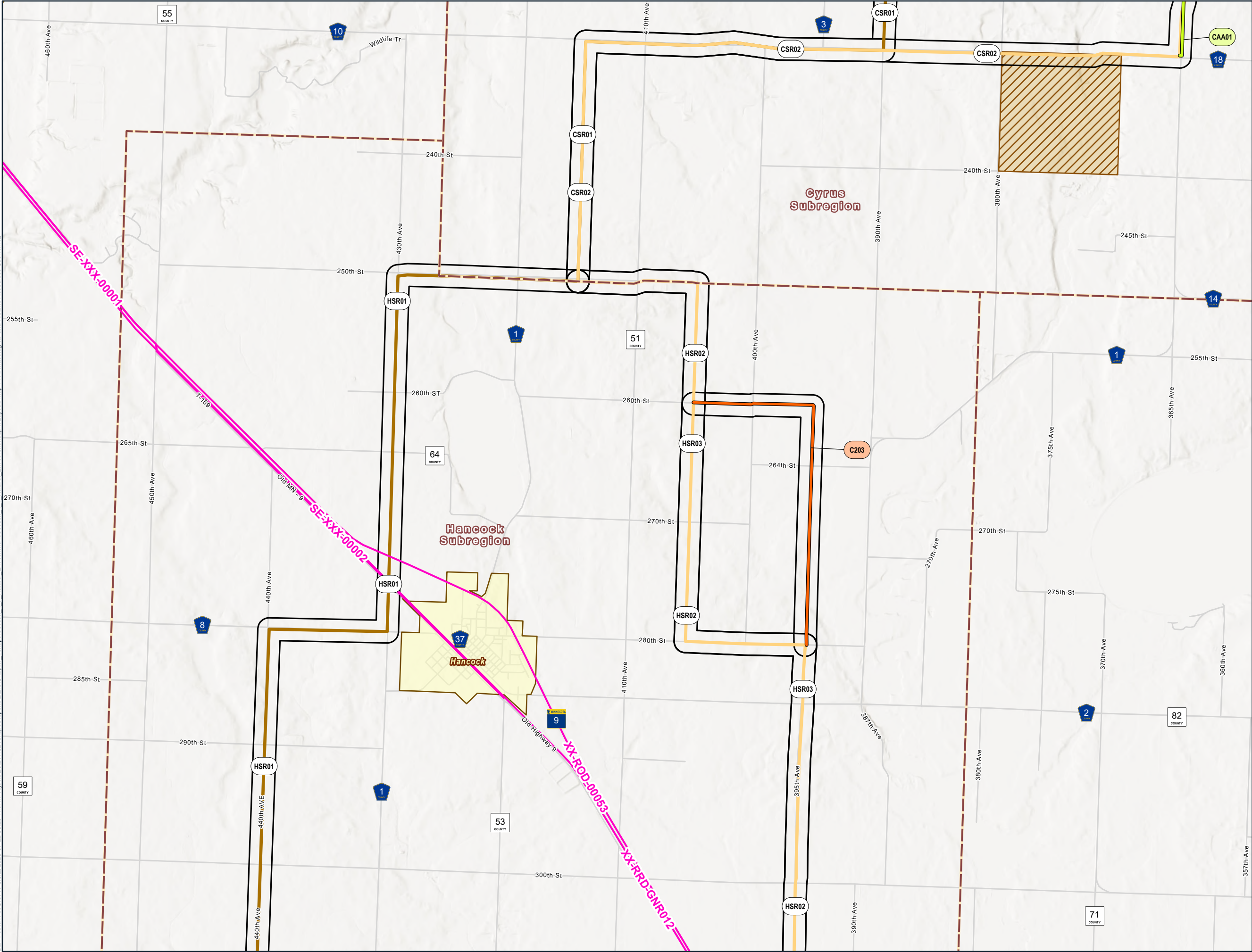




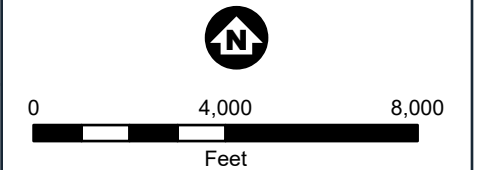
-  Routes Associated with South 1
-  Routes Associated with South 2
-  Routes Associated with Central 1
-  Routes Associated with Central 2
-  Route Label
-  Route Segment
-  Route Segment Label
-  Alignment Alternative
-  Alignment Alternative Label
-  Route Connector
-  Route Width
-  Assessment Subregion
-  Municipal Boundary
-  Historic/Architectural Resource
-  Historic/Architectural Resource (Linear Feature)



**Archaeological and Historic
Resources
Swift and Hancock Subregions
Big Stone South to Alexandria
Project
MAP 19-5**

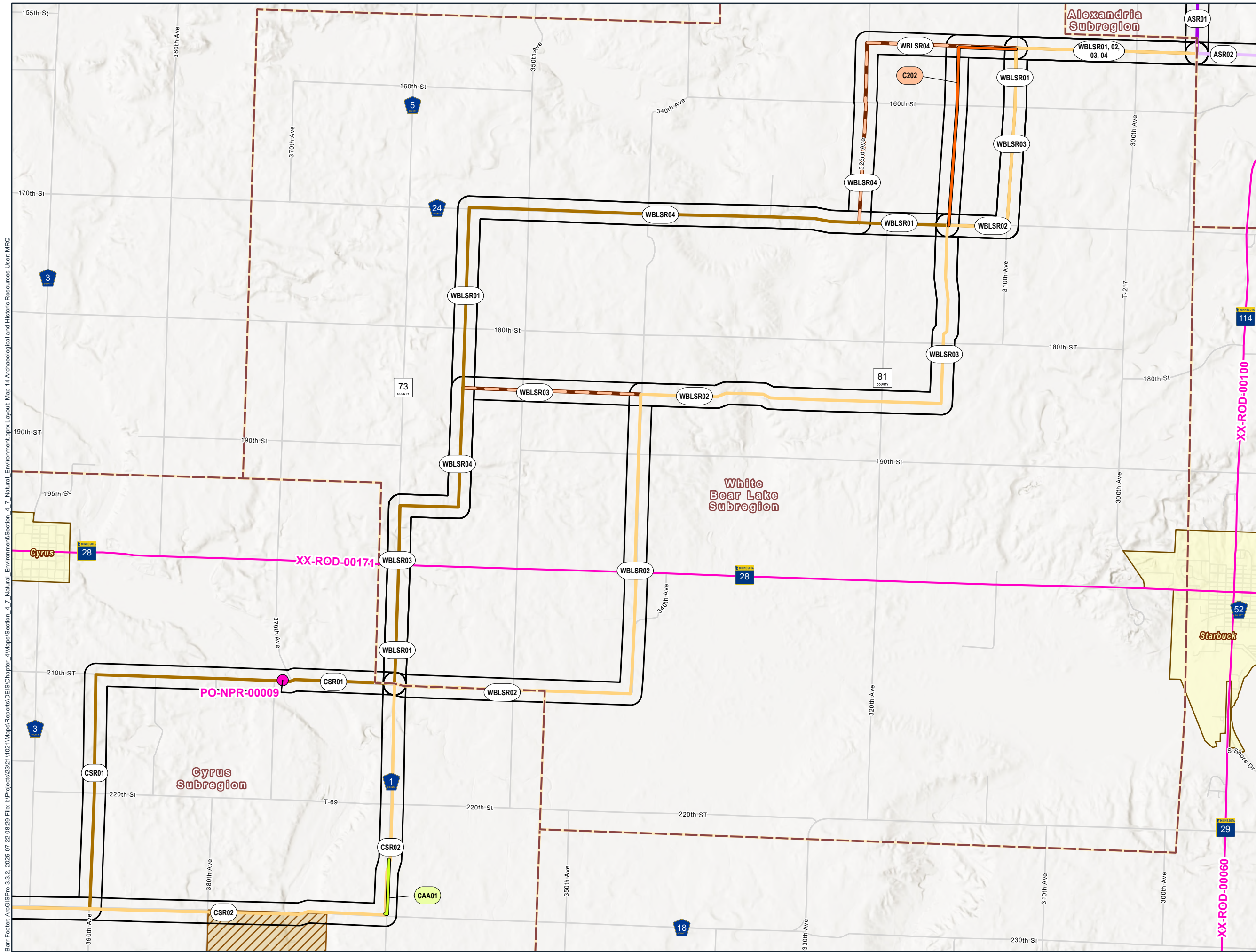


- Routes Associated with Central 1
- Routes Associated with Central 2
- Route Label
- Route Segment
- Route Segment Label
- Alignment Alternative
- Alignment Alternative Label
- Route Width
- Assessment Subregion
- Municipal Boundary
- Historic/Architectural Resource (Linear Feature)
- Section Containing Archaeological Site
- 1 Site



Archaeological and Historic Resources Hancock and Cyrus Subregions Big Stone South to Alexandria Project MAP 19-6





Legend

- Routes Associated with Central 1
- Routes Associated with Central 2
- Routes Associated with North 1
- Routes Associated with North 2
- SSR01 Route Label
- Route Segment
- S204 Route Segment Label
- Alignment Alternative
- SAA01 Alignment Alternative Label
- Route Connector
- Route Width
- Assessment Subregion
- Municipal Boundary
- Historic/Archaeological Resource
- Historic/Archaeological Resource (Linear Feature)

Section Containing Archaeological Site

- 1 Site

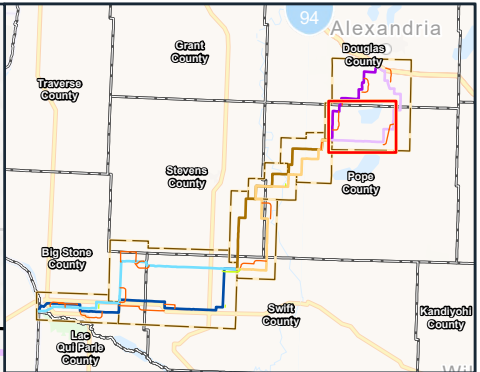
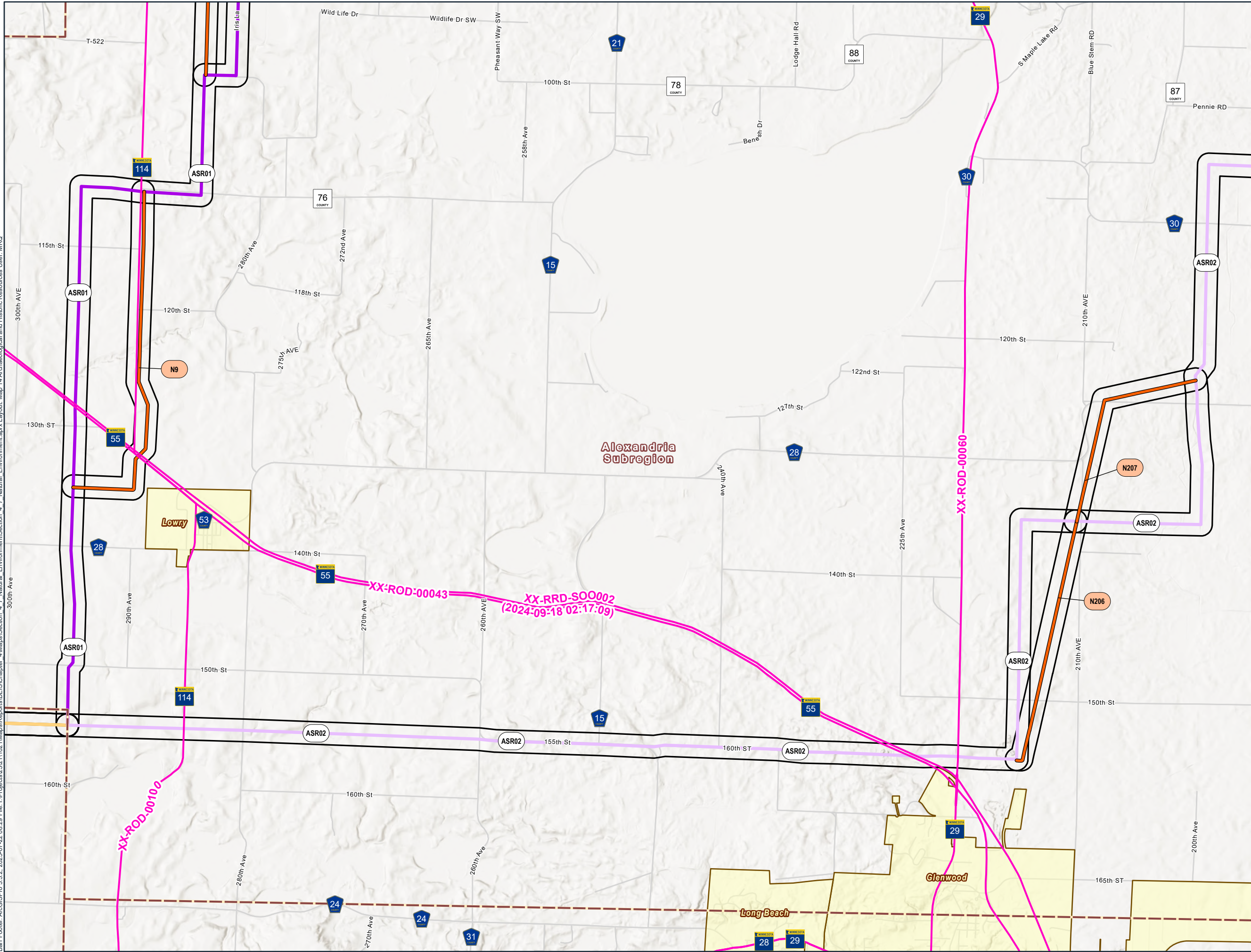
0 4,000 8,000
Feet

North Arrow

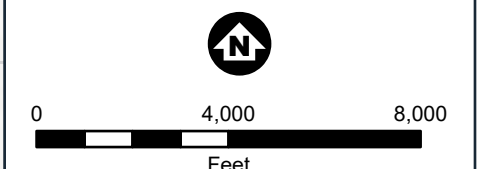
Archaeological and Historic Resources
Cyrus and White Bear Lake Subregions
Big Stone South to Alexandria Project
MAP 19-7

m MINNESOTA

Bar Footer ArcGISPro 3.3.2, 2025-07-22 08:29 File: I:\Projects\23\21102\1\Maps\Reports\DEIS\Chapter 4\Maps\Section 4.7 Natural Environment.aprx Layout: Map 14 Archaeological and Historic Resources User: MRQ

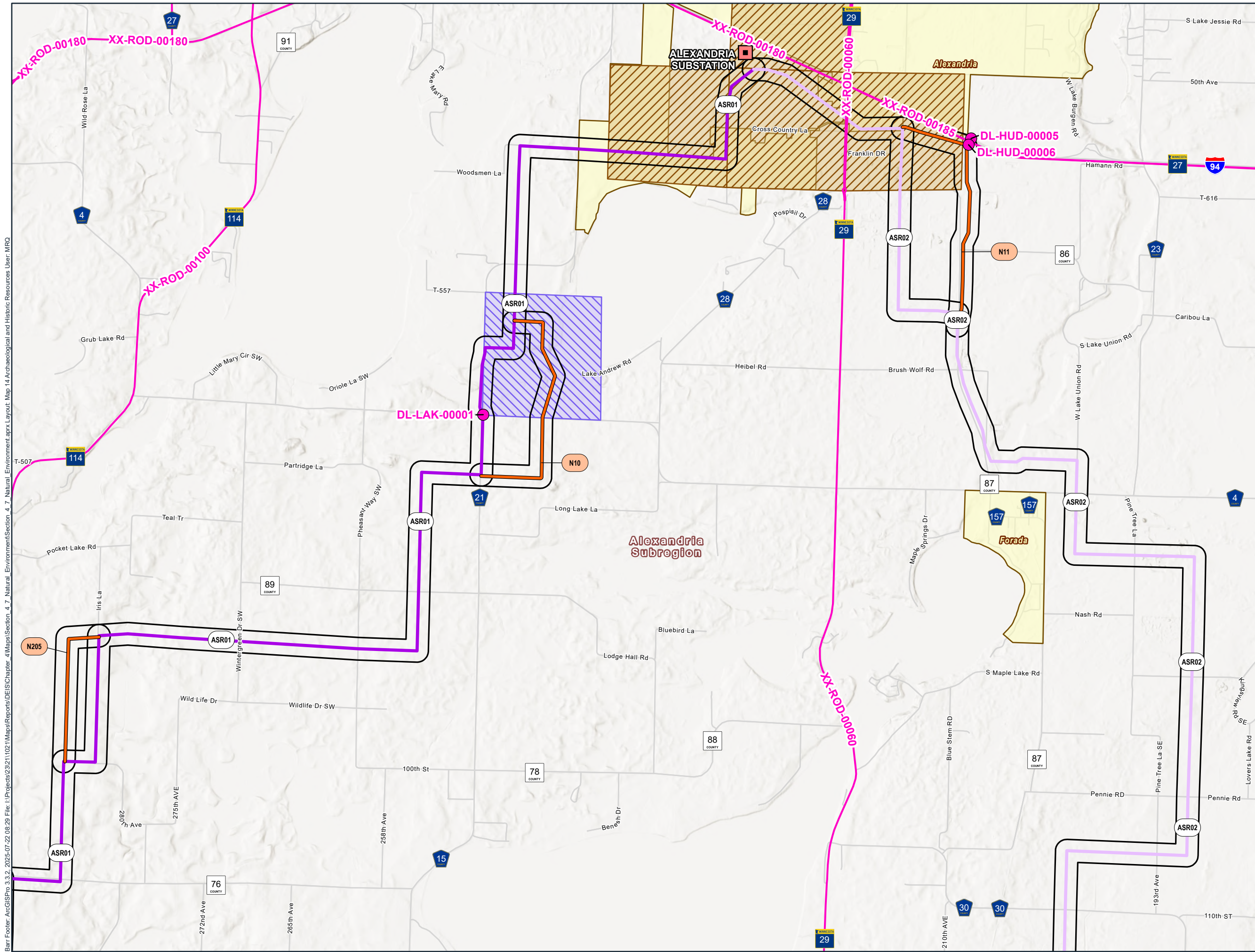


- Routes Associated with Central 1
- Routes Associated with Central 2
- Routes Associated with North 1
- Routes Associated with North 2
- Route Label
- Route Segment
- Route Segment Label
- Route Width
- Assessment Subregion
- Municipal Boundary
- Historic/Architectural Resource (Linear Feature)



Archaeological and Historic Resources
White Bear Lake and Alexandria Subregions
Big Stone South to Alexandria Project
MAP 19-8

m MINNESOTA

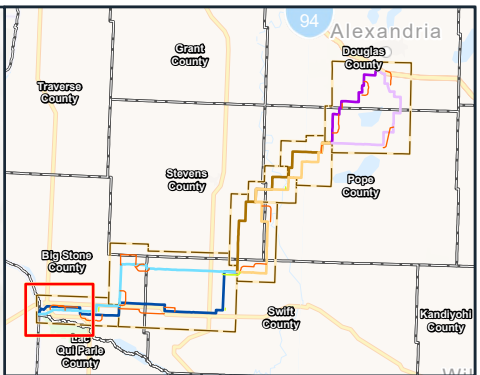
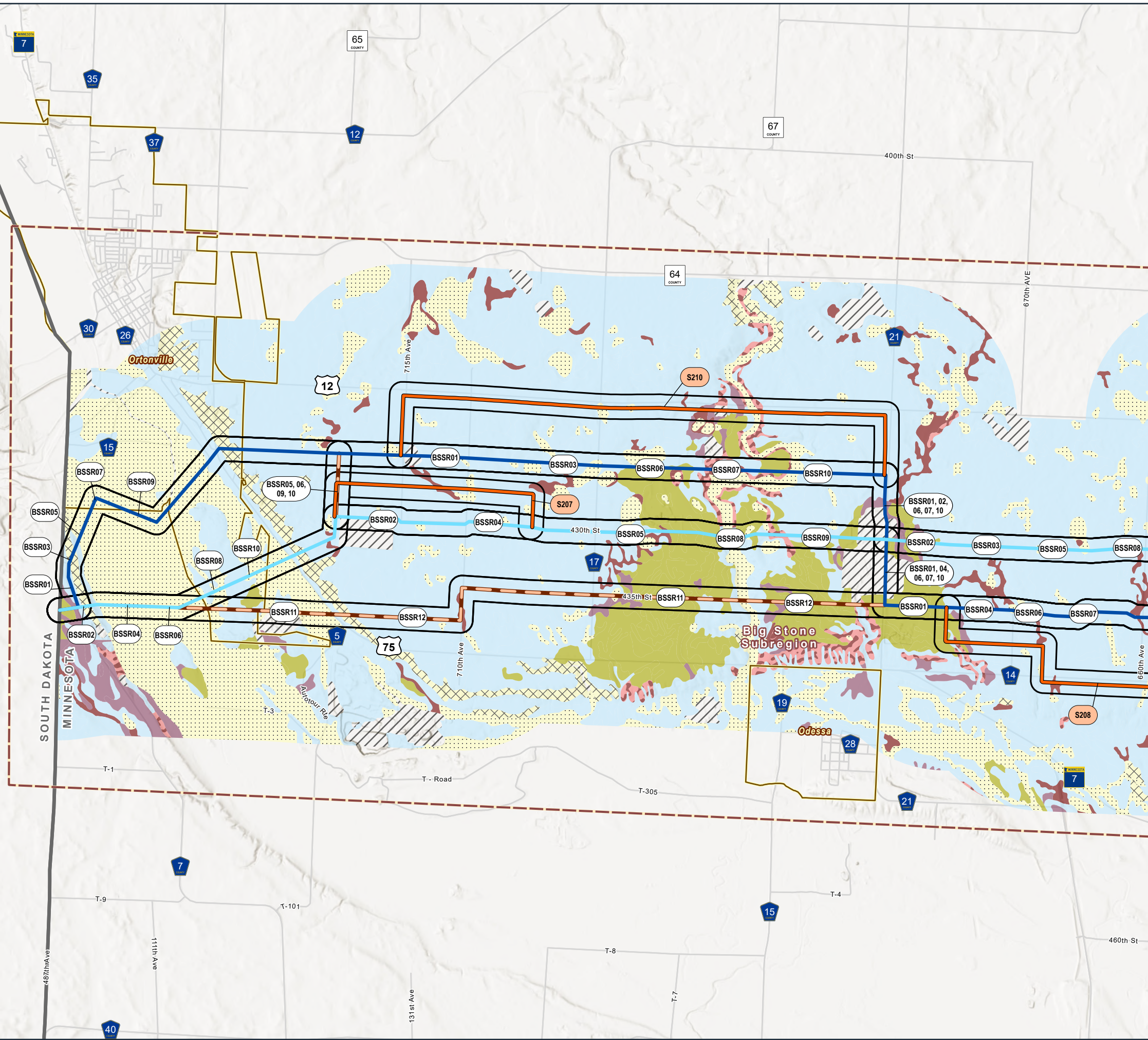


- Routes Associated with North 1
- Routes Associated with North 2
- Route Label
- Route Segment
- Route Segment Label
- Route Width
- Assessment Subregion
- Substation
- Municipal Boundary
- Historic/Architectural Resource
- Historic/Architectural Resource (Linear Feature)

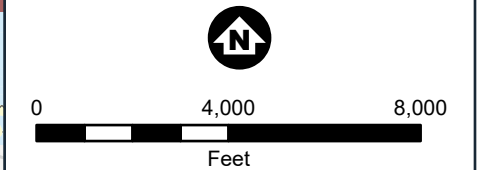
Section Containing Archaeological Site

- 1 Site
- 4 Sites

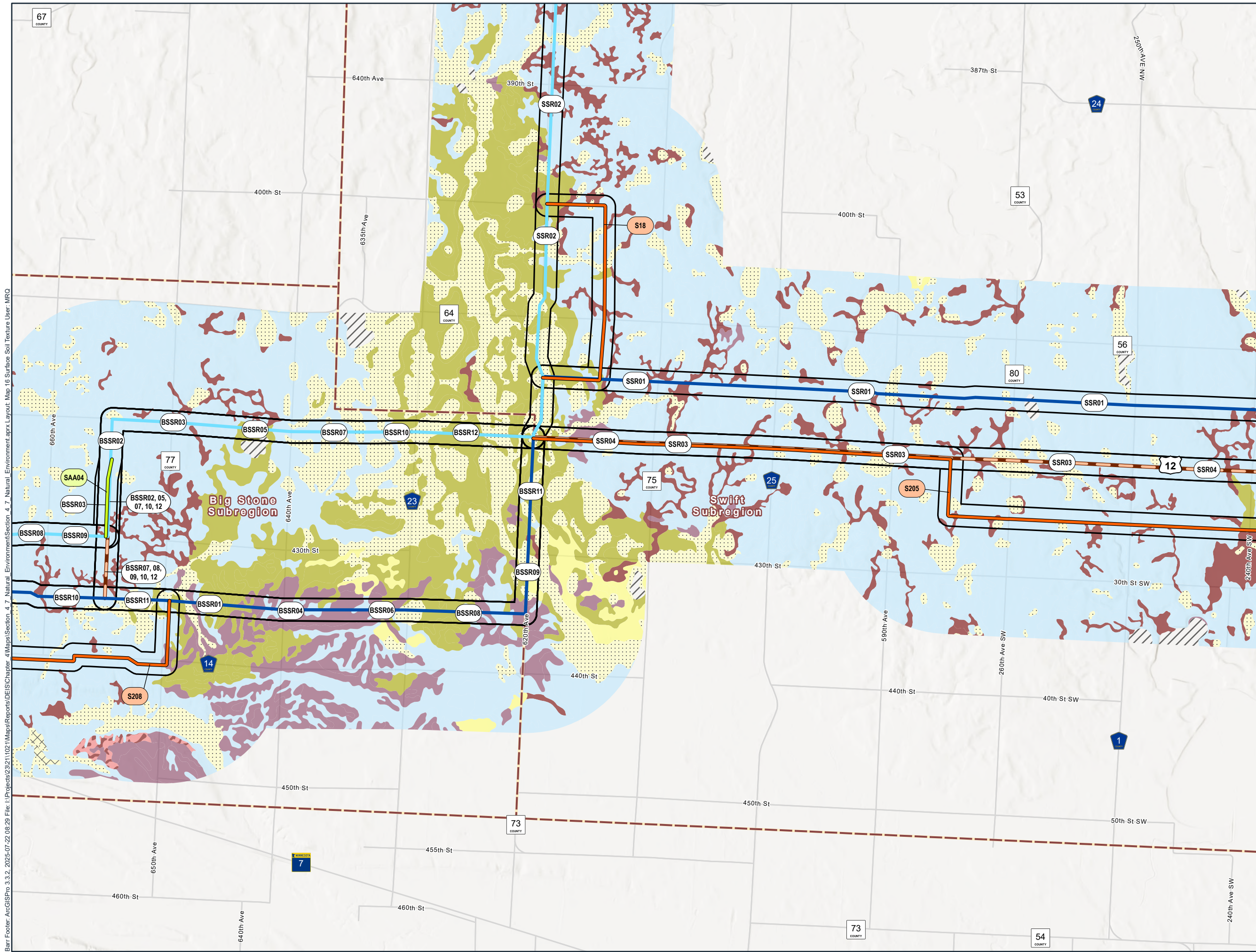
Archaeological and Historic Resources
Alexandria Subregion
Big Stone South to Alexandria Project
MAP 19-9



- Routes Associated with South 1
- Routes Associated with South 2
- Route Label
- Route Segment
- Route Segment Label
- Route Connector
- Route Width
- Assessment Subregion
- Municipal Boundary
- SSURGO Surface Soil Texture**
 - Not rated
 - Clay loam
 - Gravelly sandy loam
 - Loam
 - Sandy loam
 - Silt loam
 - Silty clay loam
 - Very stony loam



Barr Footer ArcGISPro 3.3.2, 2025-07-22 08:29 File: I:\Projects\2321102\1\Map\Reports\DEIS\Chapter 4\Map\Section 4.7 Natural Environment\Section 4.7 Natural Environment.aprx Layout: Map 16 Surface Soil Texture User: MRQ



- Routes Associated with South 1
- Routes Associated with South 2
- Route Label
- Route Segment
- Route Segment Label
- Alignment Alternative
- Alignment Alternative Label
- Route Connector
- Route Width
- Assessment Subregion

SSURGO Surface Soil Texture

- Not rated
- Clay loam
- Gravelly sandy loam
- Loam
- Sandy loam
- Silt loam
- Silty clay
- Silty clay loam
- Very stony loam

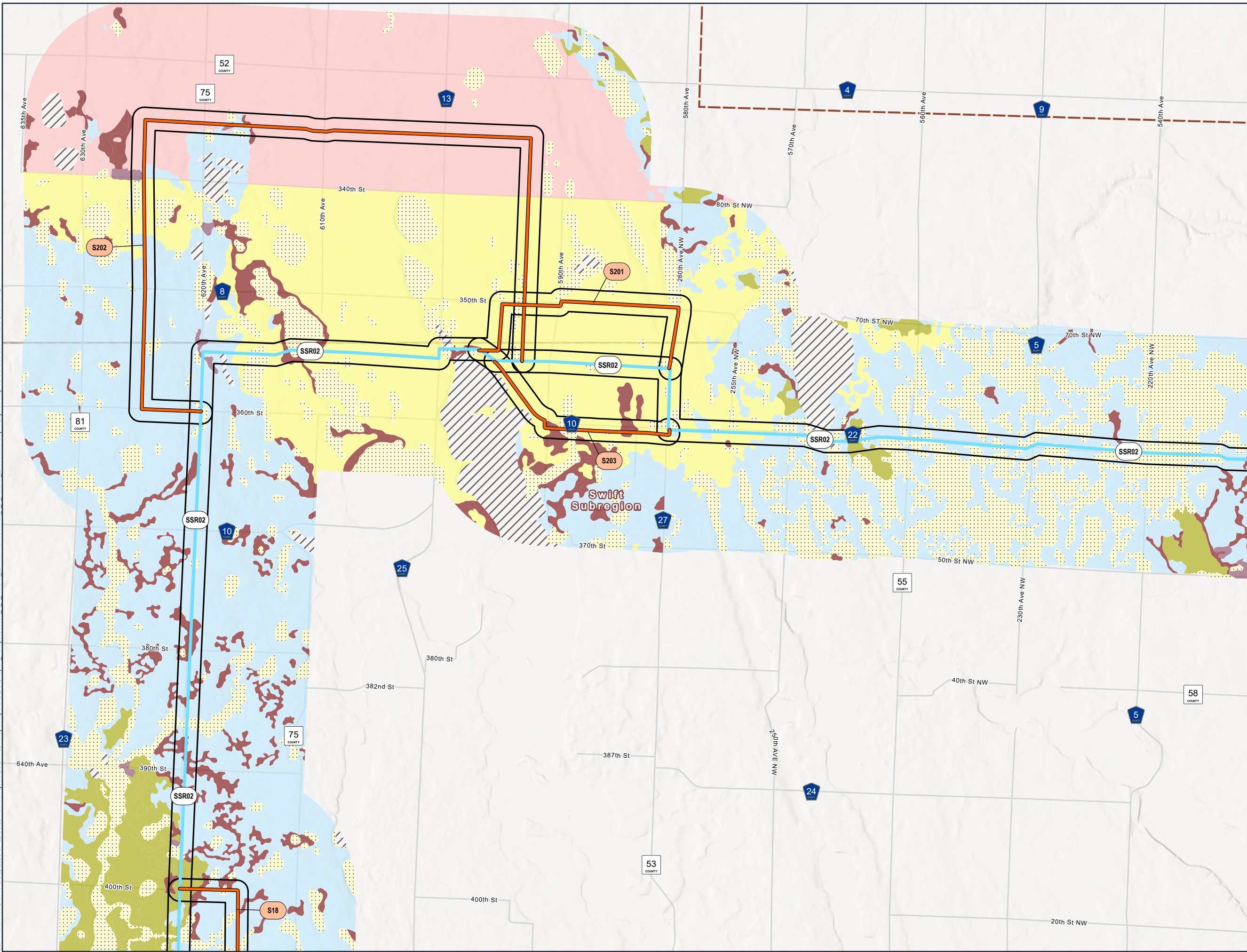
0 4,000 8,000
Feet

**Surface Soil Texture
Big Stone and Swift
Subregions**

Big Stone South to Alexandria
Project

MAP 20-2

Barr Footer ArcGISPro 3.3.2, 2025-07-22 08:29 File: I:\Projects\23\21102\1\Maps\Reports\DEIS\Chapter 4\Maps\Section 4.7 Natural Environment\aprx Layout Map 16 Surface Soil Texture User.MRX



Routes Associated with South 2

Route Label

Route Segment

Route Segment Label

Route Width

Assessment Subregion

SSURGO Surface Soil Texture

Not rated

Clay

Clay loam

Loam

Sandy loam

Silt loam

Silty clay

Silty clay loam

0 4,000 8,000

Feet

Surface Soil Texture

Swift Subregion

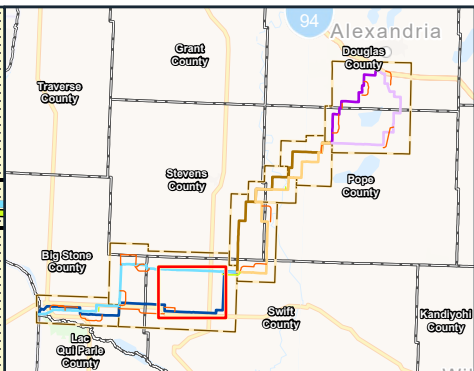
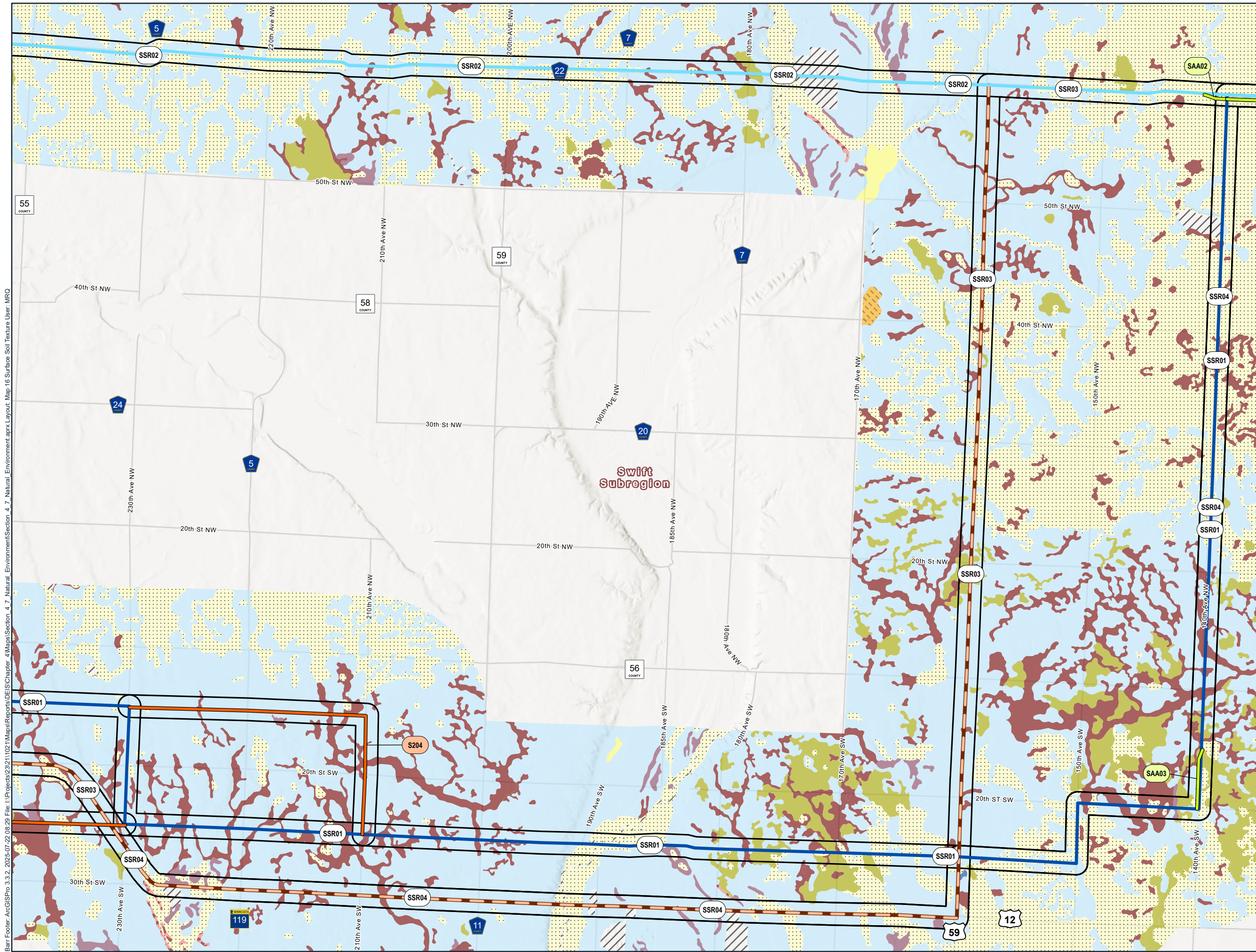
Big Stone South to Alexandria

Project

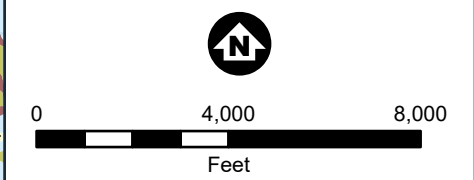
MAP 20-3

m MINNESOTA

Barr Footer ArcGISPro 3.3.2, 2025-07-22 08:29 File: I:\Projects\2321102\1\Map\Reports\DEIS\Chapter 4\Maps\Section 4.7 Natural Environment\aprx Layout Map 16 Surface Soil Texture User-MRQ



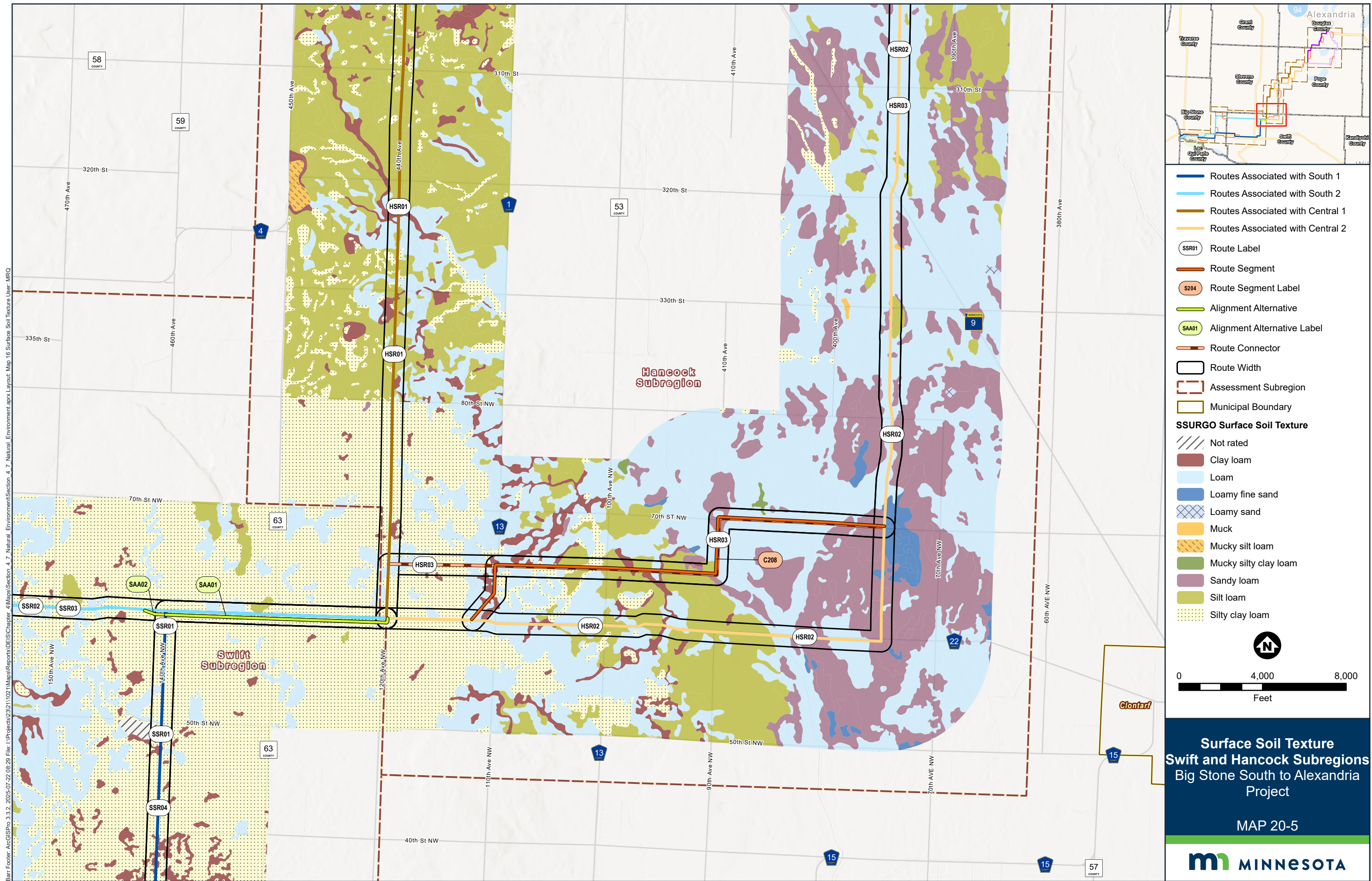
- Routes Associated with South 1
- Routes Associated with South 2
- SSR01 Route Label
- Route Segment
- S204 Route Segment Label
- Alignment Alternative
- SAA01 Alignment Alternative Label
- Route Connector
- Route Width
- Assessment Subregion
- SSURGO Surface Soil Texture**
- Not rated
- Clay loam
- Gravelly sandy loam
- Loam
- Loamy fine sand
- Mucky silt loam
- Sandy loam
- Silt loam
- Silty clay
- Silty clay loam



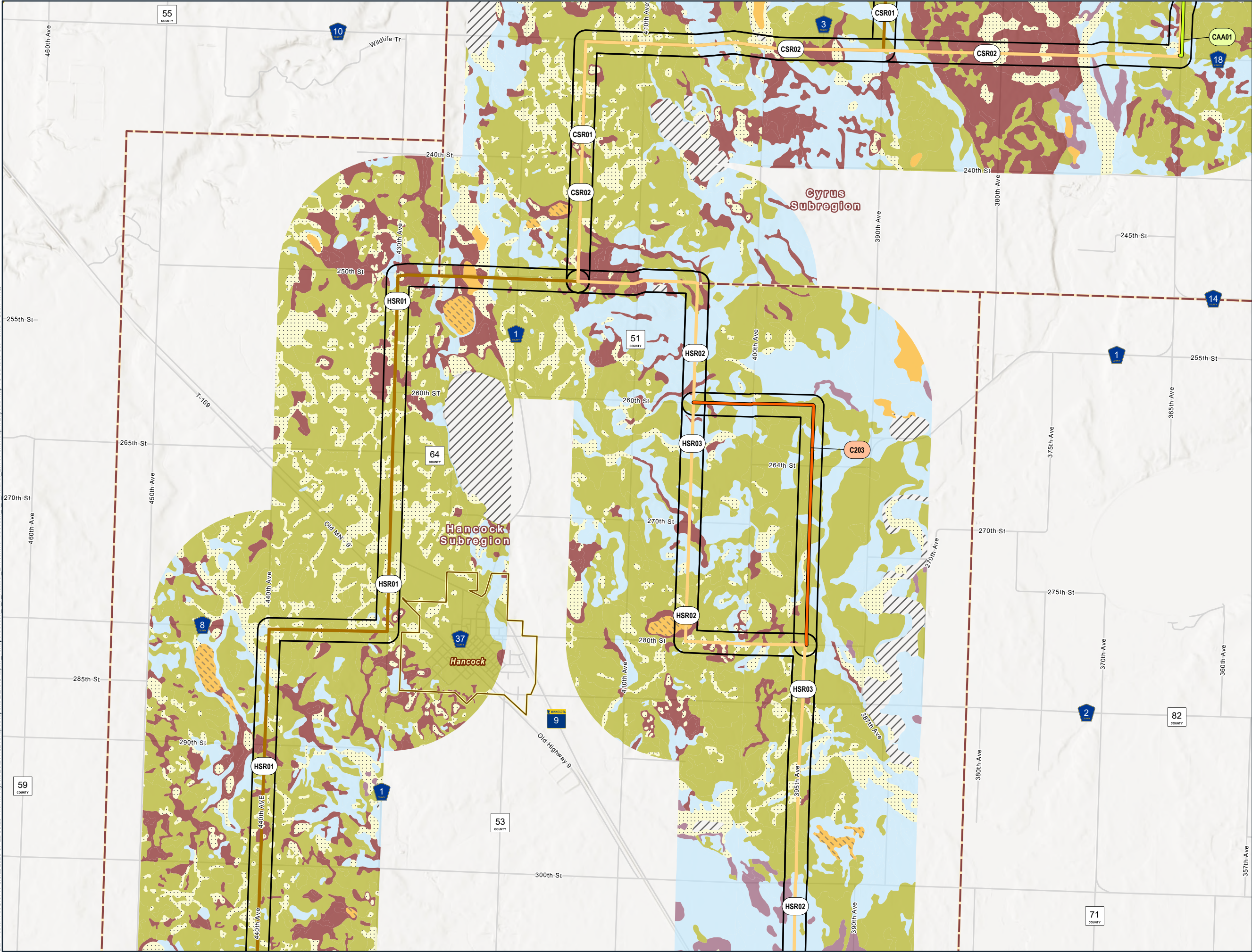
Surface Soil Texture
Swift Subregion
Big Stone South to Alexandria
Project

MAP 20-4

MINNESOTA



Bar Footer ArcGISPro 3.3.2, 2025-07-22 08:29 File: I:\Projects\2321102\1\Maps\Reports\DEIS\Chapter 4\Maps\Section 4.7 Natural Environment\aprx Layout Map 16 Surface Soil Texture User.MRX



Routes Associated with Central 1

Routes Associated with Central 2

Route Label

Route Segment

Route Segment Label

Alignment Alternative

Alignment Alternative Label

Route Width

Assessment Subregion

Municipal Boundary

SSURGO Surface Soil Texture

Not rated

Clay loam

Loam

Muck

Mucky silt loam

Sandy loam

Silt loam

Silty clay loam

0 4,000 8,000

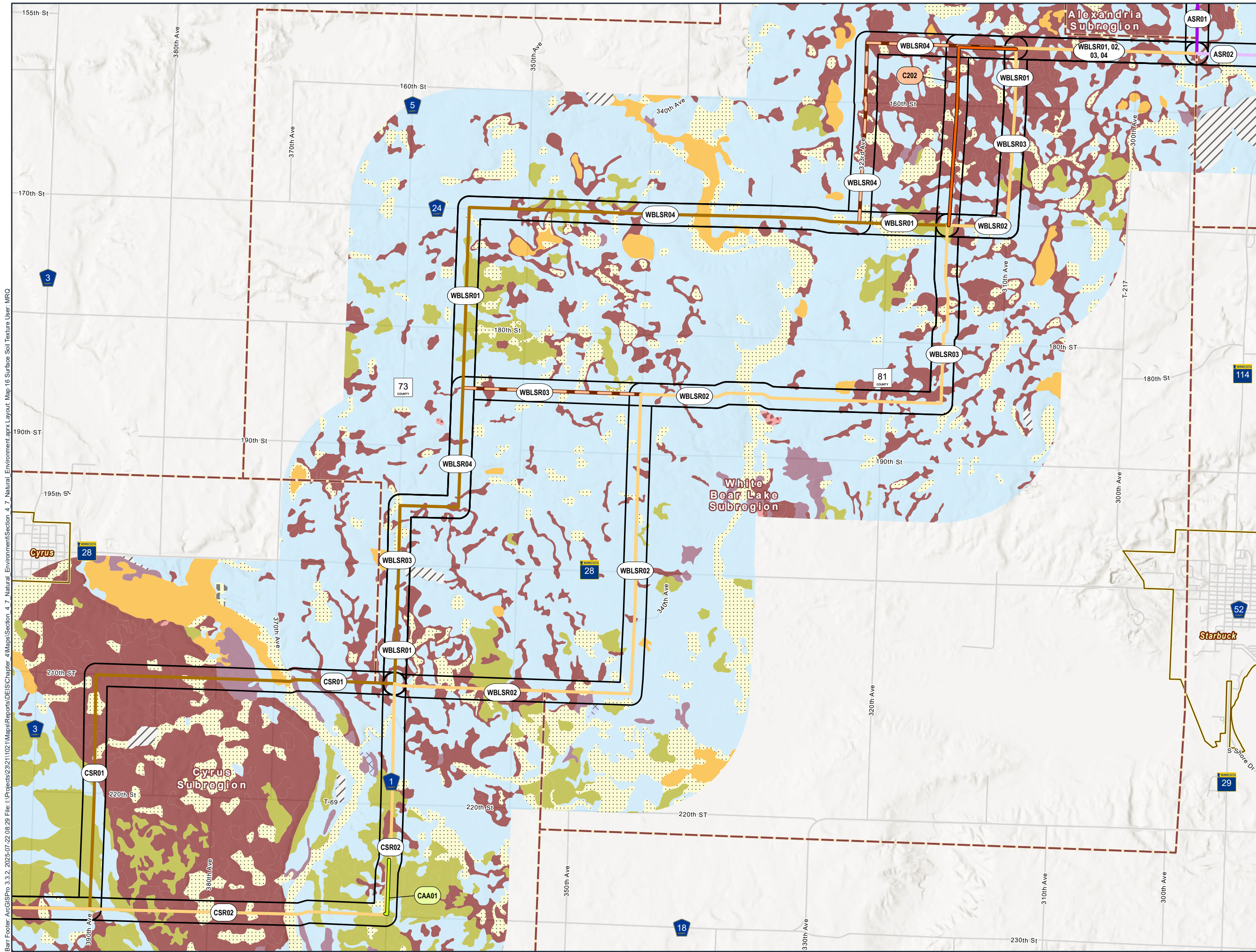
Feet

Surface Soil Texture
Hancock and Cyrus
Subregions
Big Stone South to Alexandria
Project

MAP 20-6

m MINNESOTA

Bar Footer ArcGISPro 3.3.2, 2025-07-22 08:29 File: I:\Projects\23\21102\1\Maps\Reports\DEIS\Chapter 4\Maps\Section 4.7 Natural Environment.aprx Layout: Map 16 Surface Soil Texture User: MRQ



Routes Associated with Central 1

Routes Associated with Central 2

Routes Associated with North 1

Routes Associated with North 2

SSR01 Route Label

Route Segment

S204 Route Segment Label

Alignment Alternative

SAA01 Alignment Alternative Label

Route Connector

Route Width

Assessment Subregion

Municipal Boundary

SSURGO Surface Soil Texture

Not rated

Clay loam

Gravelly sandy loam

Loam

Loamy sand

Muck

Sandy loam

Silt loam

Silty clay loam

Stony loam

040008000

Feet

Surface Soil Texture

Cyrus and White Bear Lake

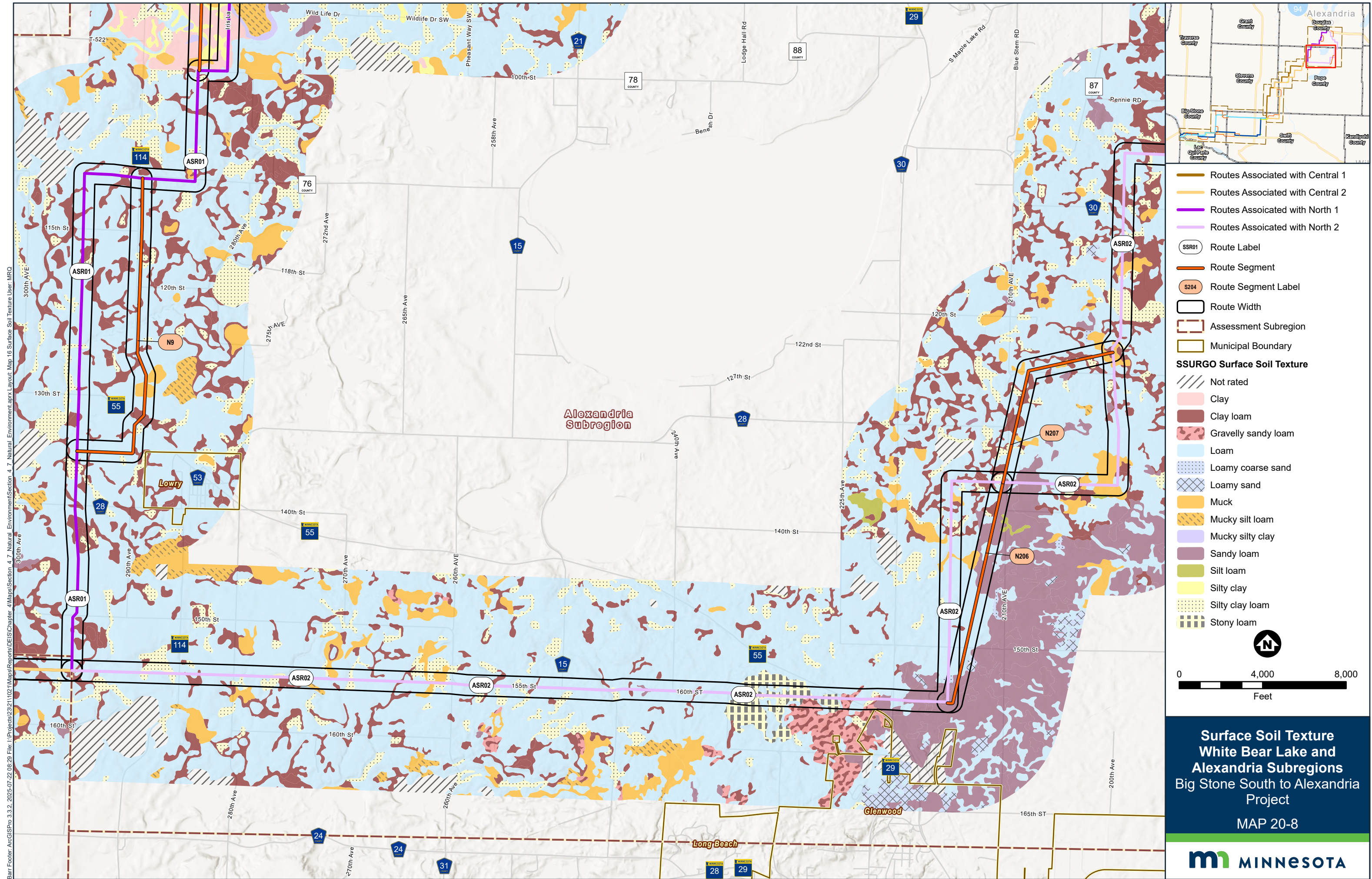
Subregions

Big Stone South to Alexandria

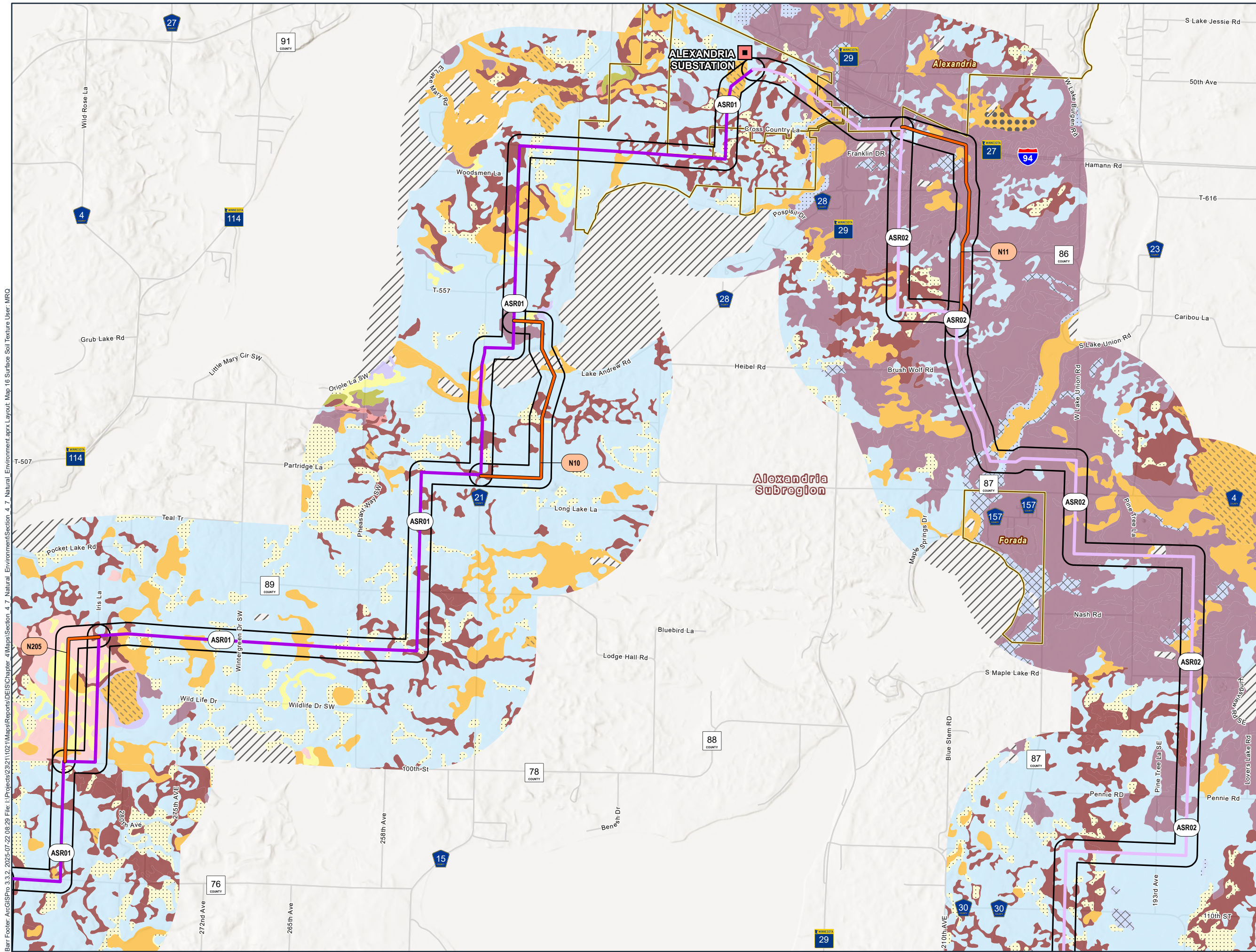
Project

MAP 20-7

m MINNESOTA



Barr Footer ArcGISPro 3.3.2, 2025-07-22 08:29 File: I:\Projects\23\1102\1\Maps\Reports\DEIS\Chapter 4\Maps\Section 4.7 Natural Environment\aprx Layout Map 16 Surface Soil Texture User-MRQ



- Routes Associated with North 1
- Routes Associated with North 2
- SSR01 Route Label
- Route Segment
- S204 Route Segment Label
- Route Width
- Assessment Subregion
- Substation
- Municipal Boundary

SSURGO Surface Soil Texture

- Not rated
- Clay
- Clay loam
- Gravelly sandy loam
- Loam
- Loamy coarse sand
- Loamy sand
- Muck
- Mucky peat
- Mucky silt loam
- Mucky silty clay
- Sandy loam
- Silt loam
- Silty clay
- Silty clay loam

0 4,000 8,000
Feet

**Surface Soil Texture
Alexandria Subregion
Big Stone South to Alexandria
Project**

MAP 20-9

MINNESOTA