

- Route Segment B4 (Blue Route)
- Route Segment (incorporates alternative[s])
- Refinement
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- Existing Transmission Line
- Gravel Pit
- Scenic Byway
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- Wild and Scenic Recreational Rivers
- Snowmobile Trail
- PWI Watercourse
- MPCA Impaired Stream
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- NHD Waterbody
- NHD Watercourse
- Native Plant Community
- Native Prairie Bank Easement
- Conservation Reserve Enhancement Program (CREP) Easement
- Reinvest in Minnesota (RIM) Easement
- Floodplains**
  - 100-Year Floodplain
  - 500-Year Floodplain
- Site of Biodiversity Significance**
  - Outstanding Significance
  - Moderate Significance
  - Below Minimum Significance

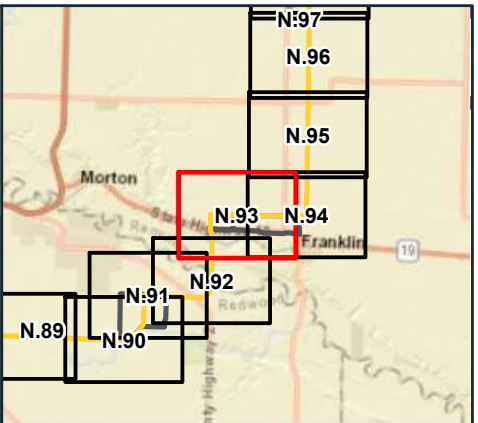
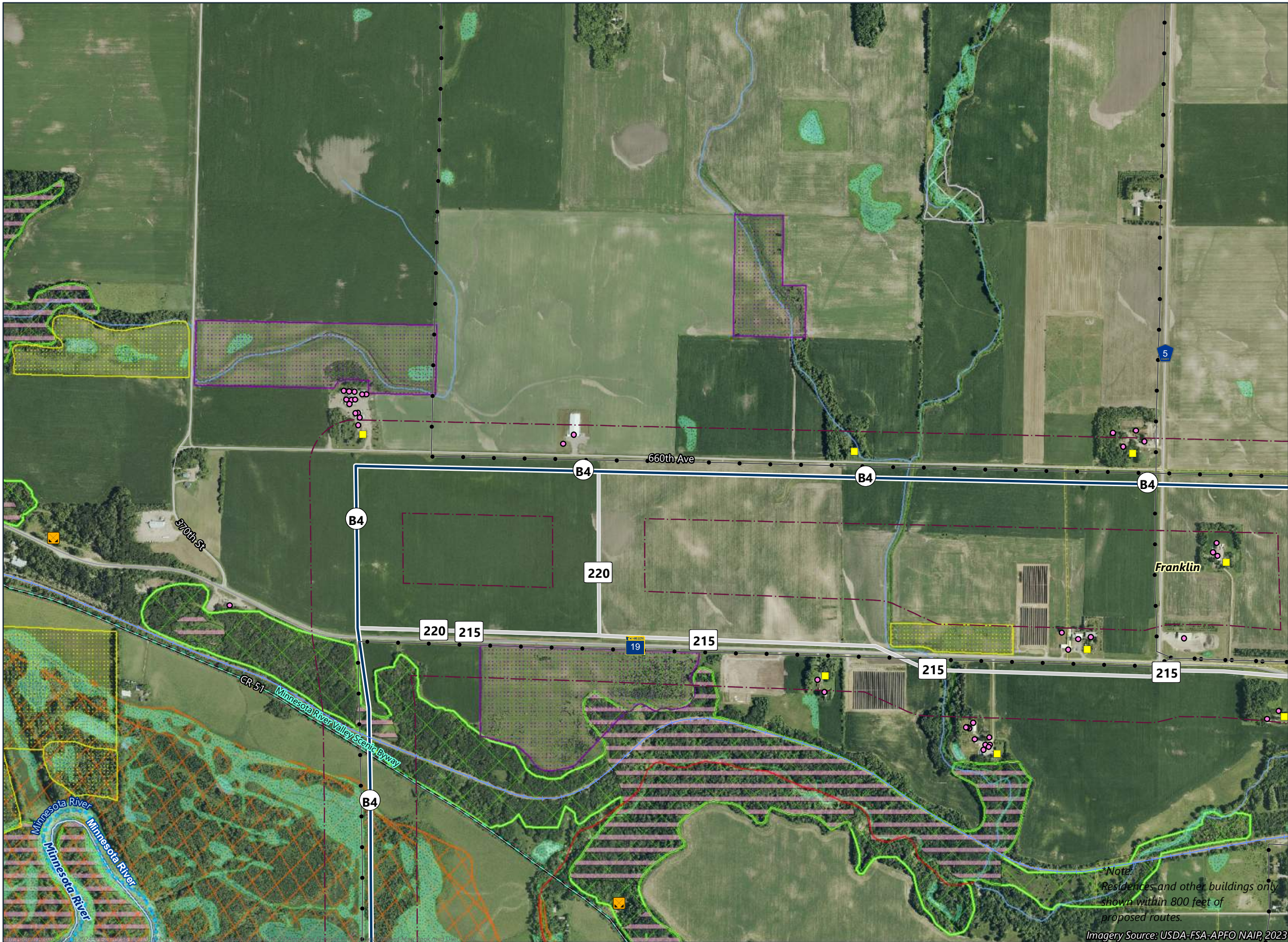


\*Note:  
Residences and other buildings shown within 800 feet of proposed routes.

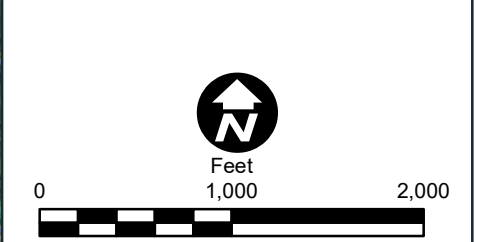
Imagery Source: USDA-FSA-APFO NAIP, 2023

**ROUTE ALTERNATIVES  
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Minnesota Energy  
Connection Project





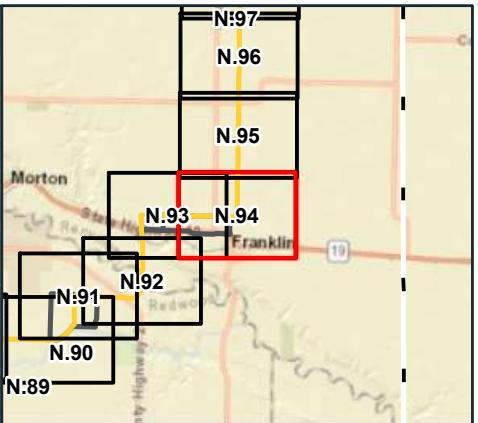
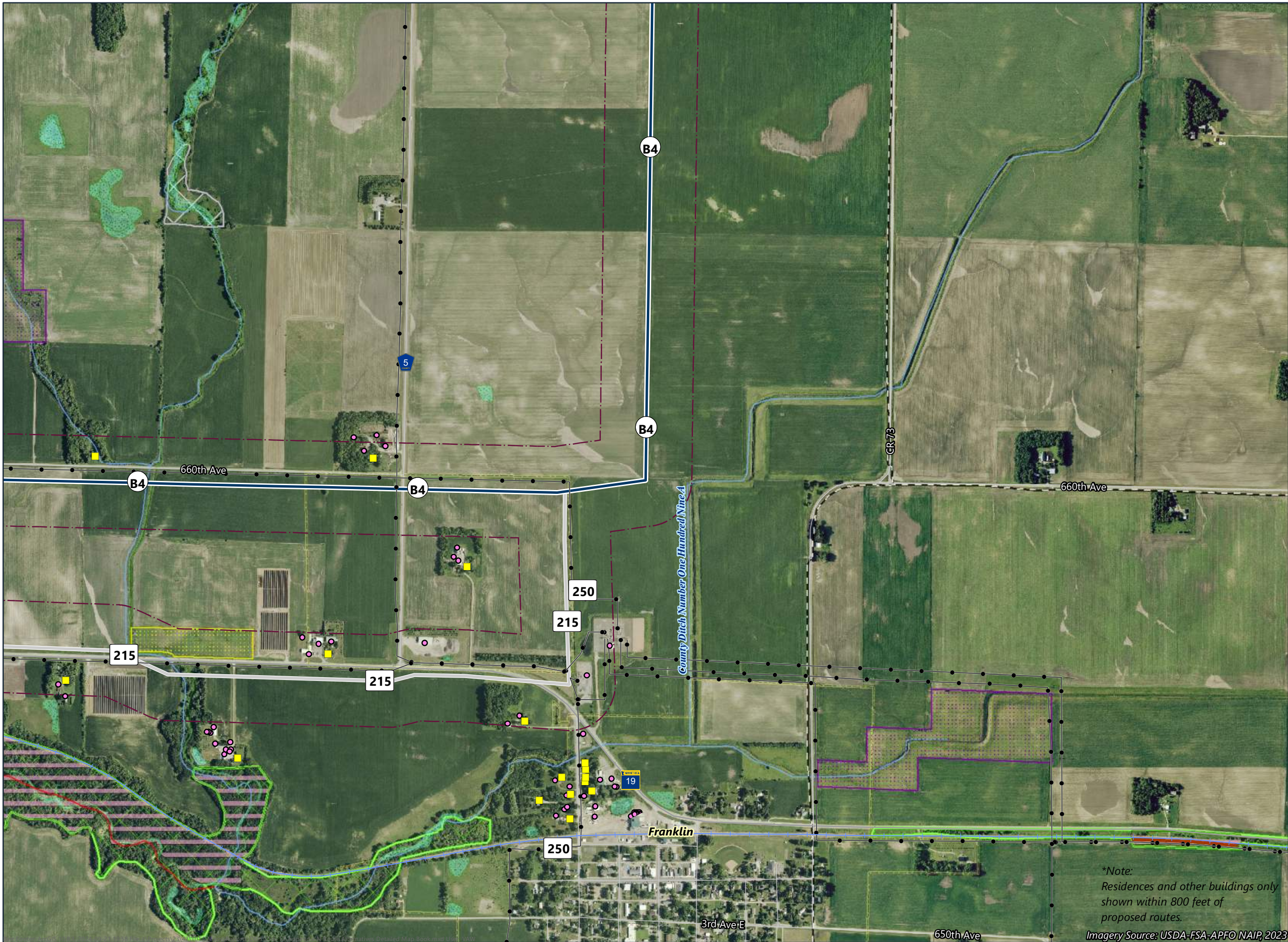
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*Imagery Source: USDA-FSA-APFO NAIP, 2023*





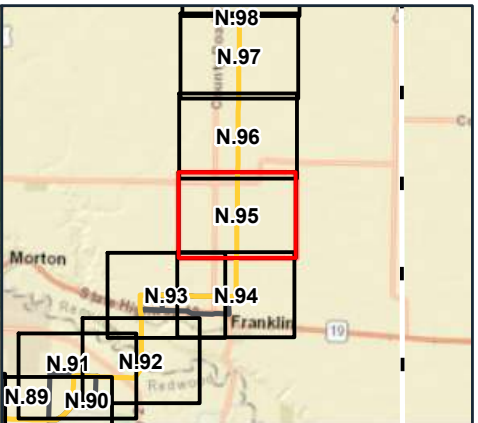
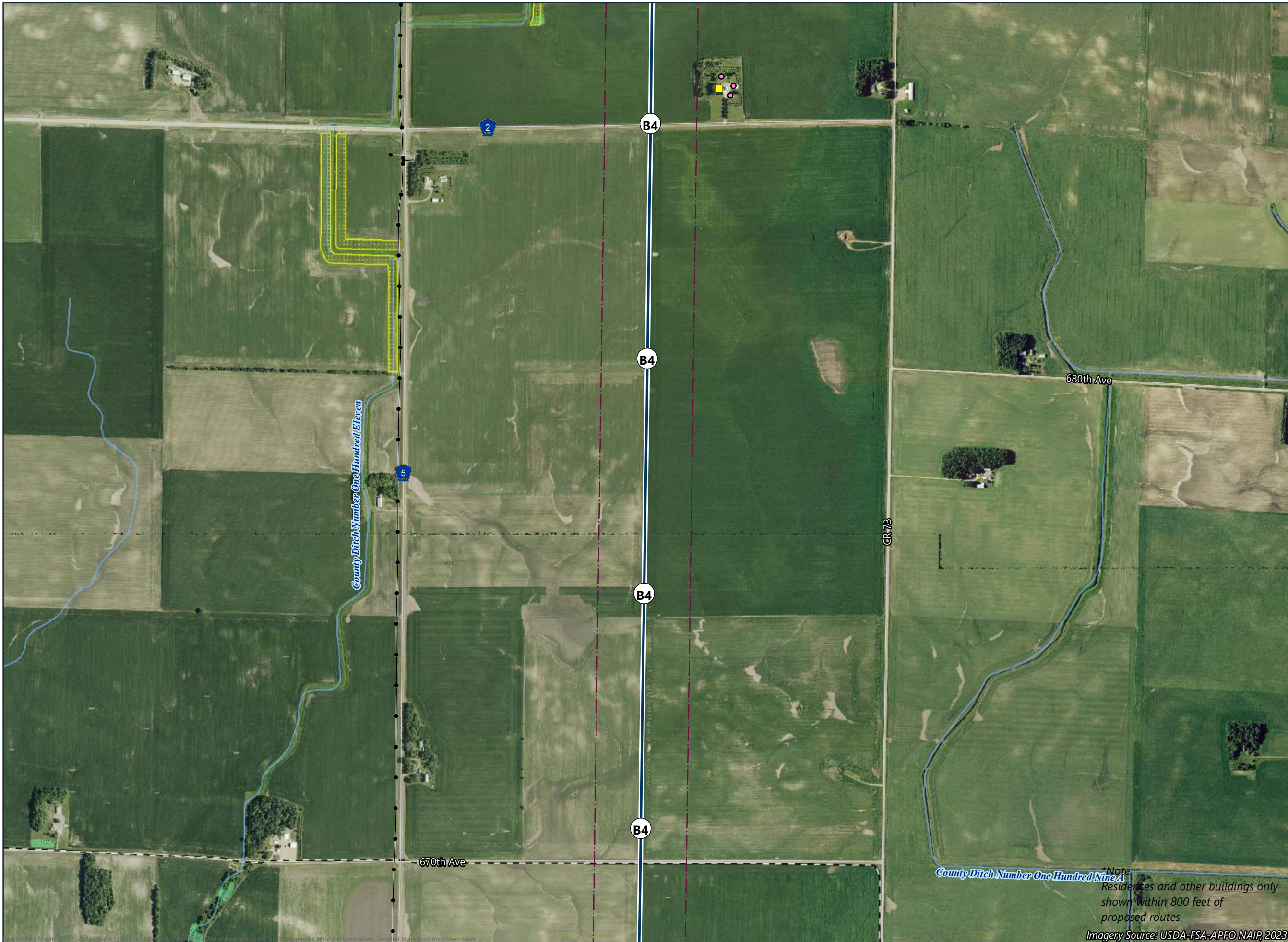
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*Imagery Source: USDA-FSA-APFO NAIR, 2023*



Judicial Ditch Number Twelve

B4

B4

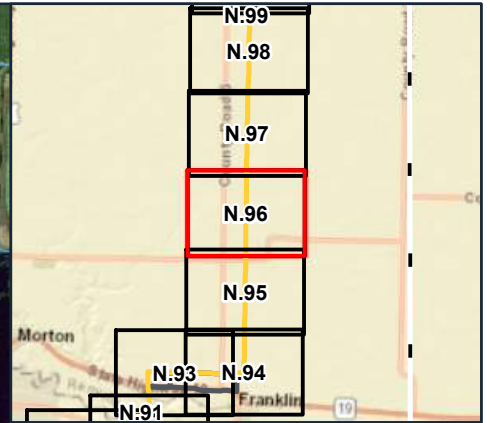
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B4

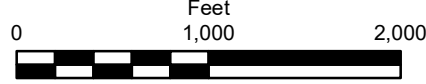
400th St

2

5



- Route Segment B4 (Blue Route)
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- Route Width
- Residence Location\*
- Non-Residential Structure\*
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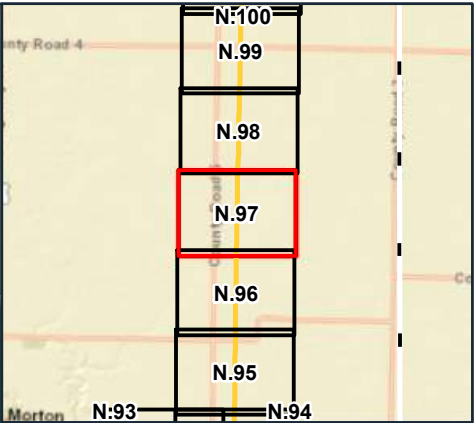


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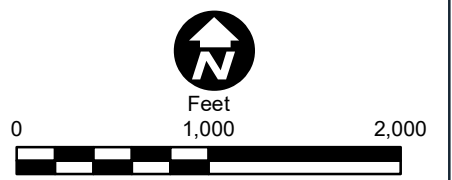
Imagery Source: USDA-FSA-APFO NAIP, 2023

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Minnesota Energy  
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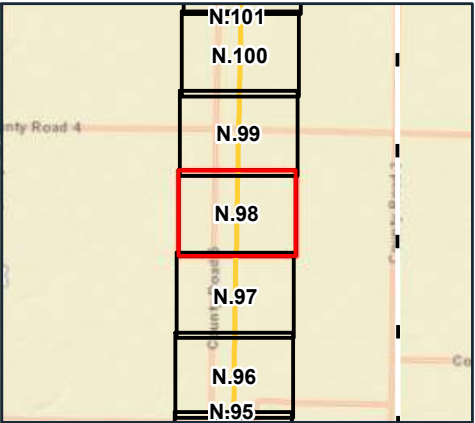
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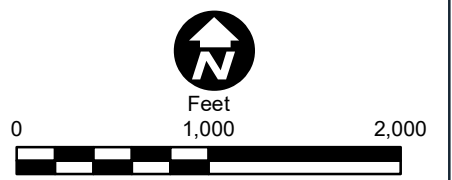
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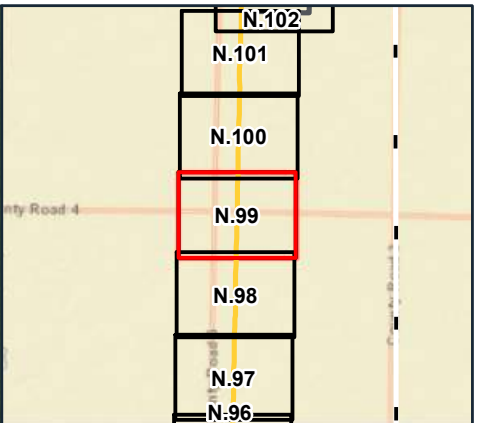
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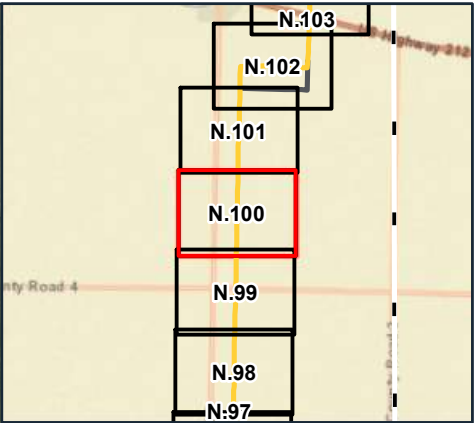
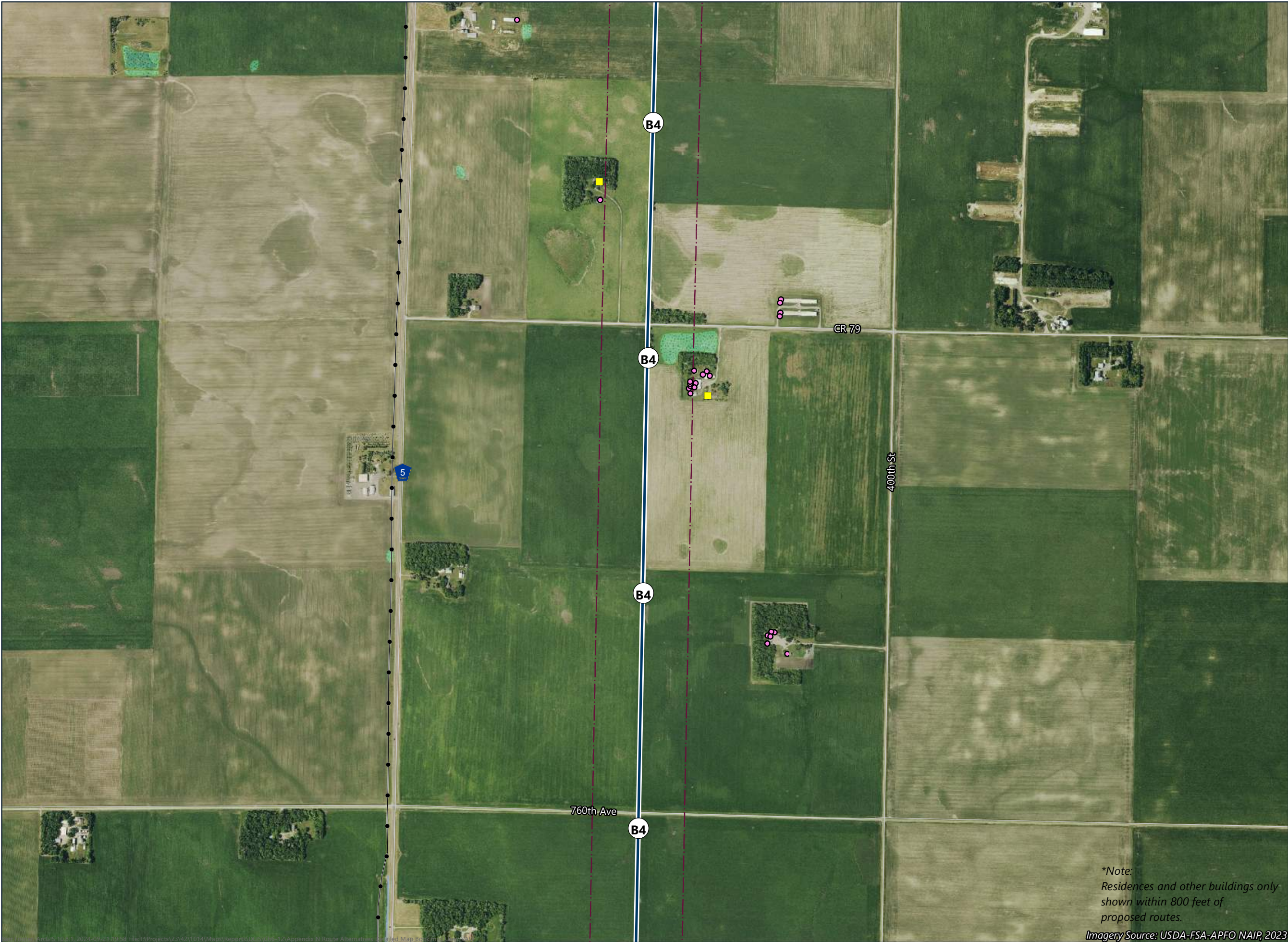
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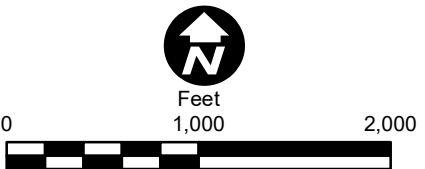
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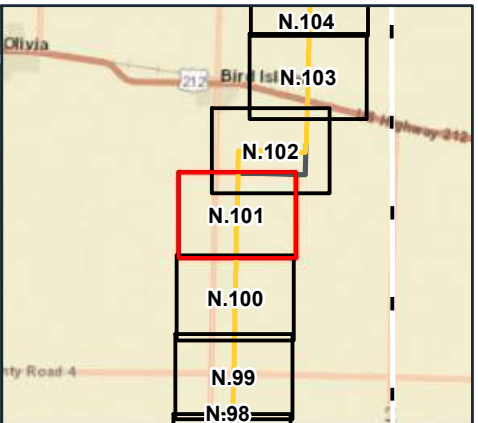
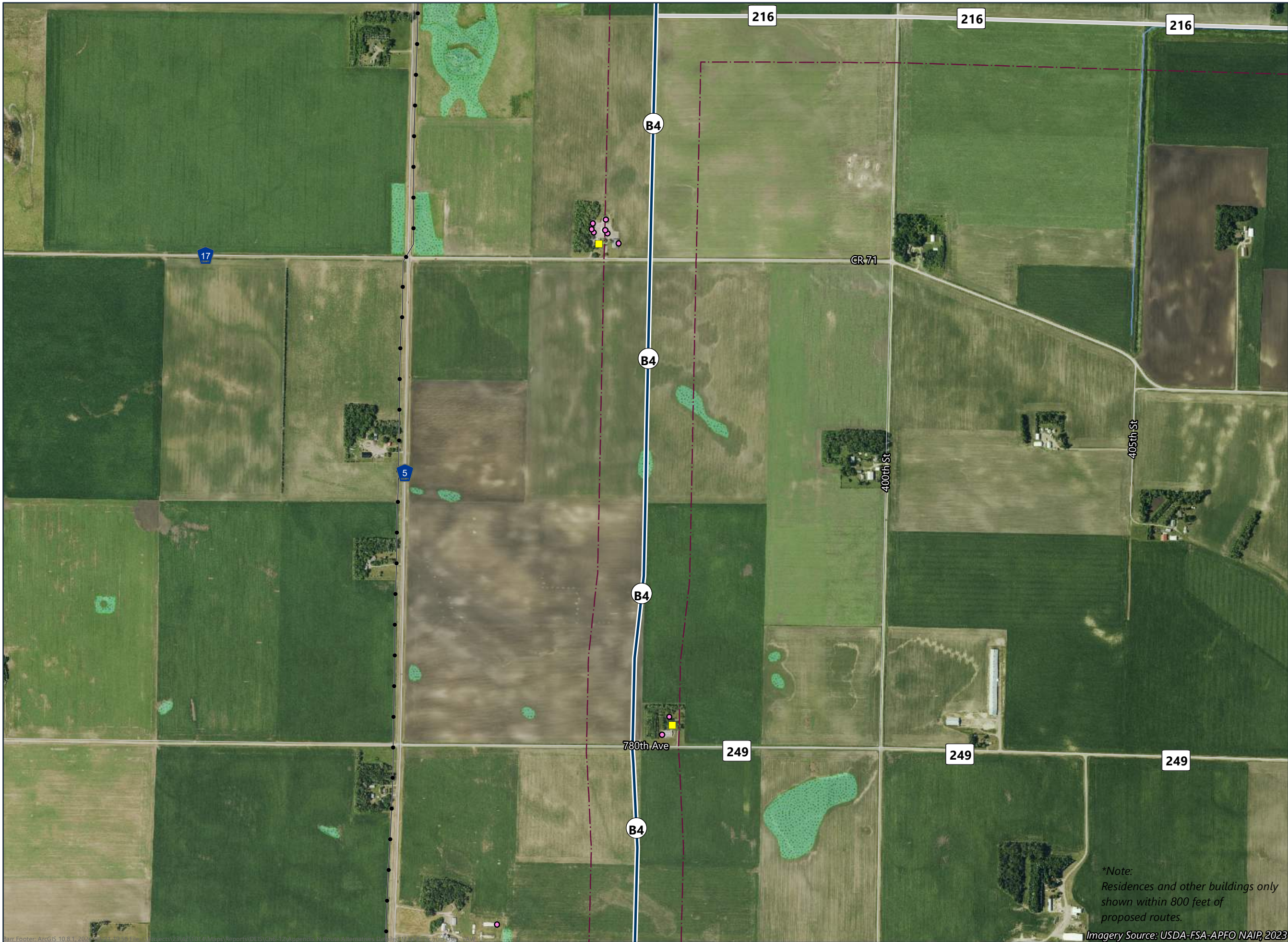
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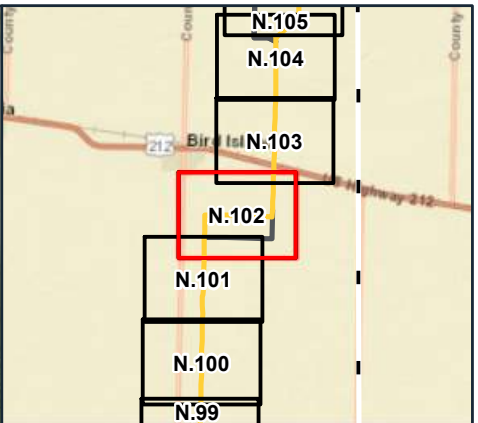
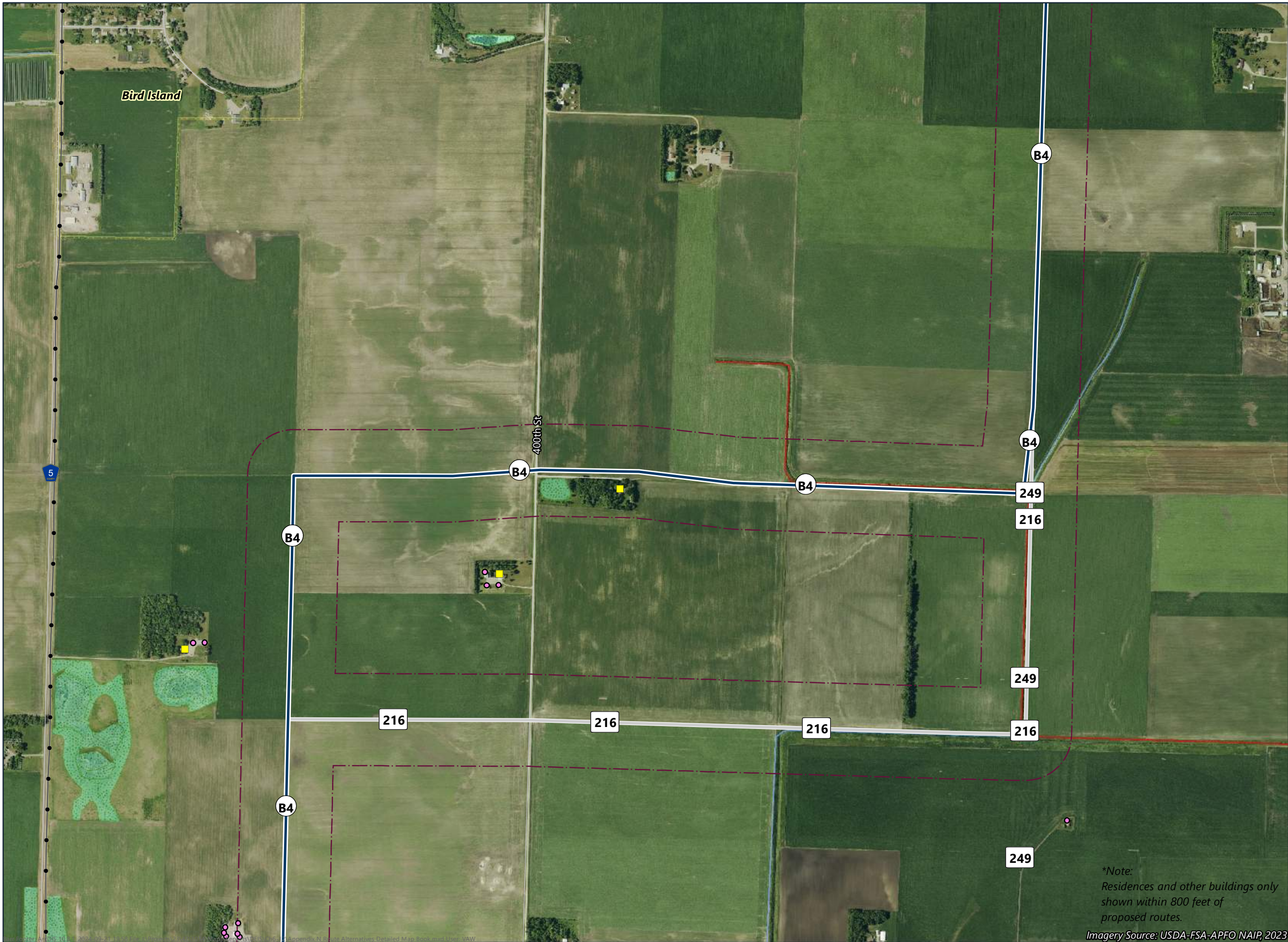
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- Refinement
- Route Width
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- Non-Residential Structure\*
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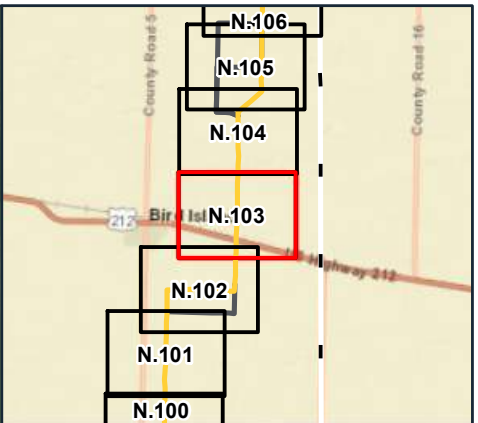
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- MPCA Impaired Stream
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- NHD Watercourse
- Railroad Right-of-Way Prairies
- Native Plant Community
- Floodplains**
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  - 500-Year Floodplain
- Site of Biodiversity Significance**
  - Moderate Significance



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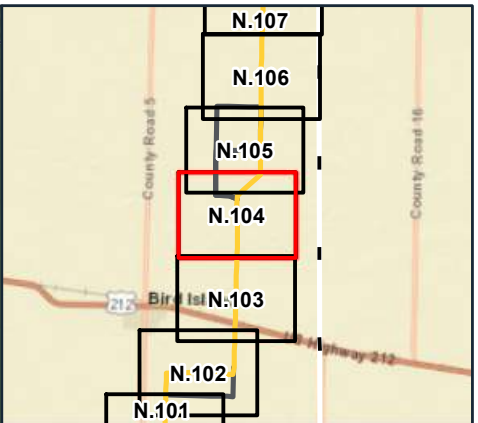
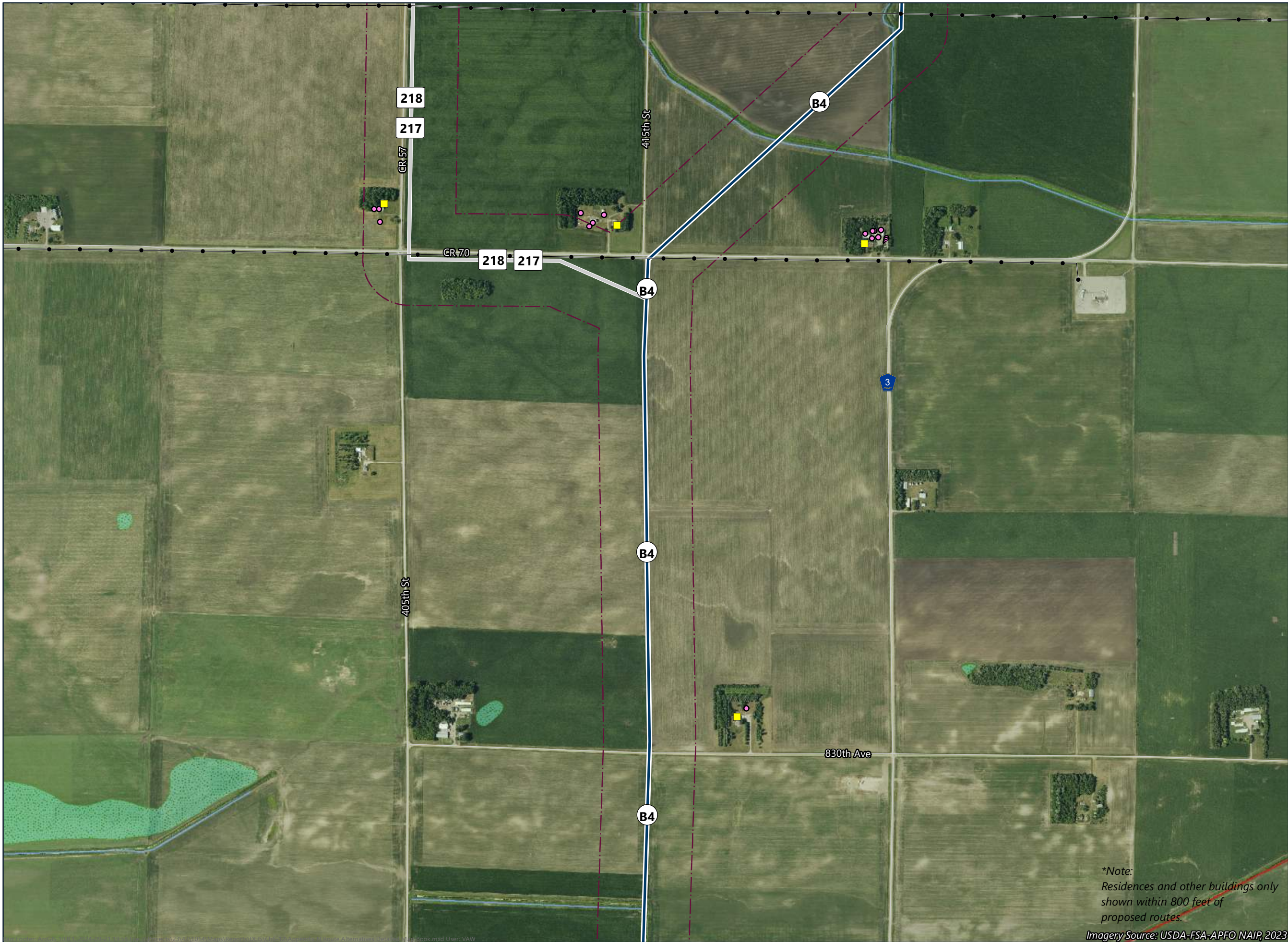
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- Municipal Boundary
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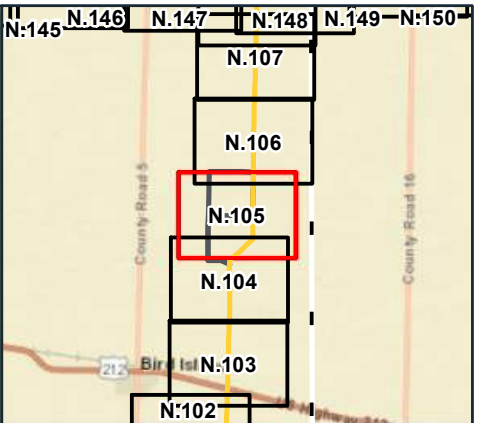
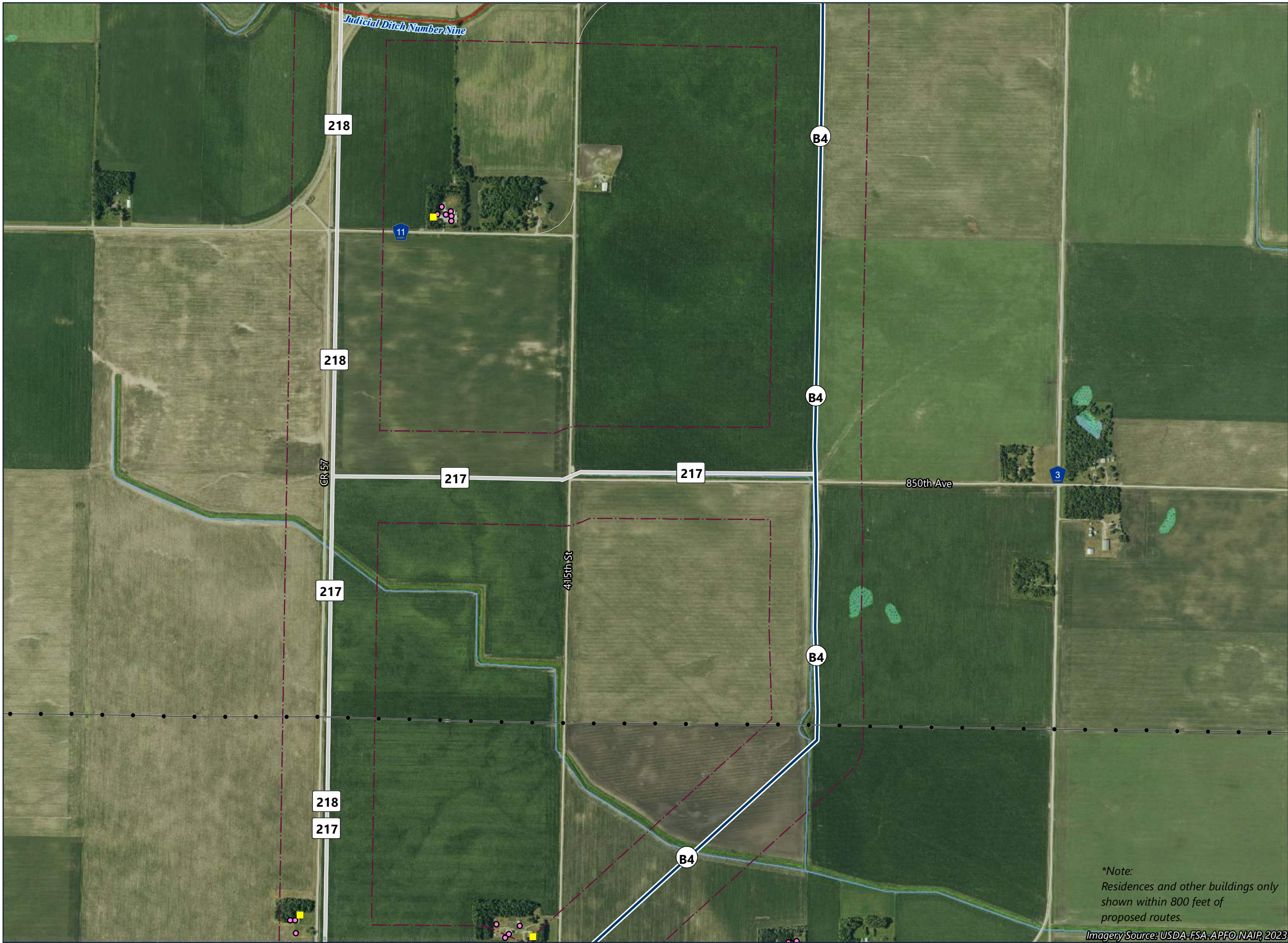
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- Route Width
- Residence Location\*
- Non-Residential Structure\*
- Existing Transmission Line
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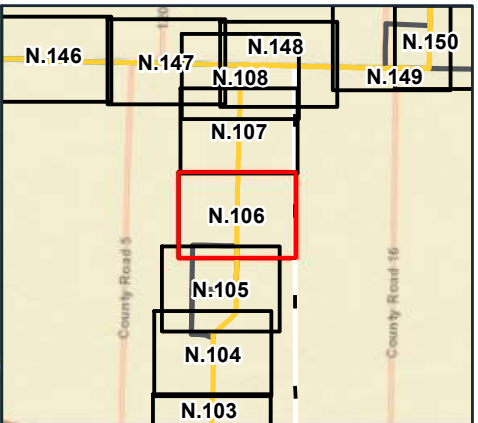
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- Non-Residential Structure\*
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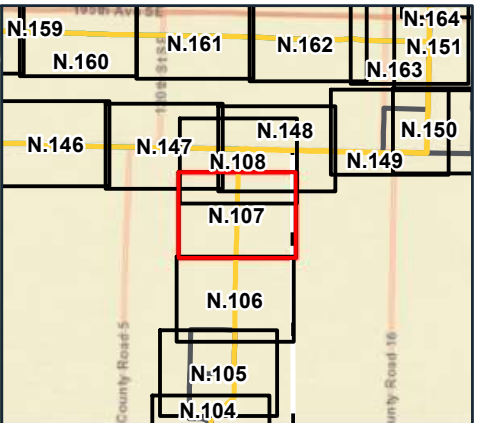
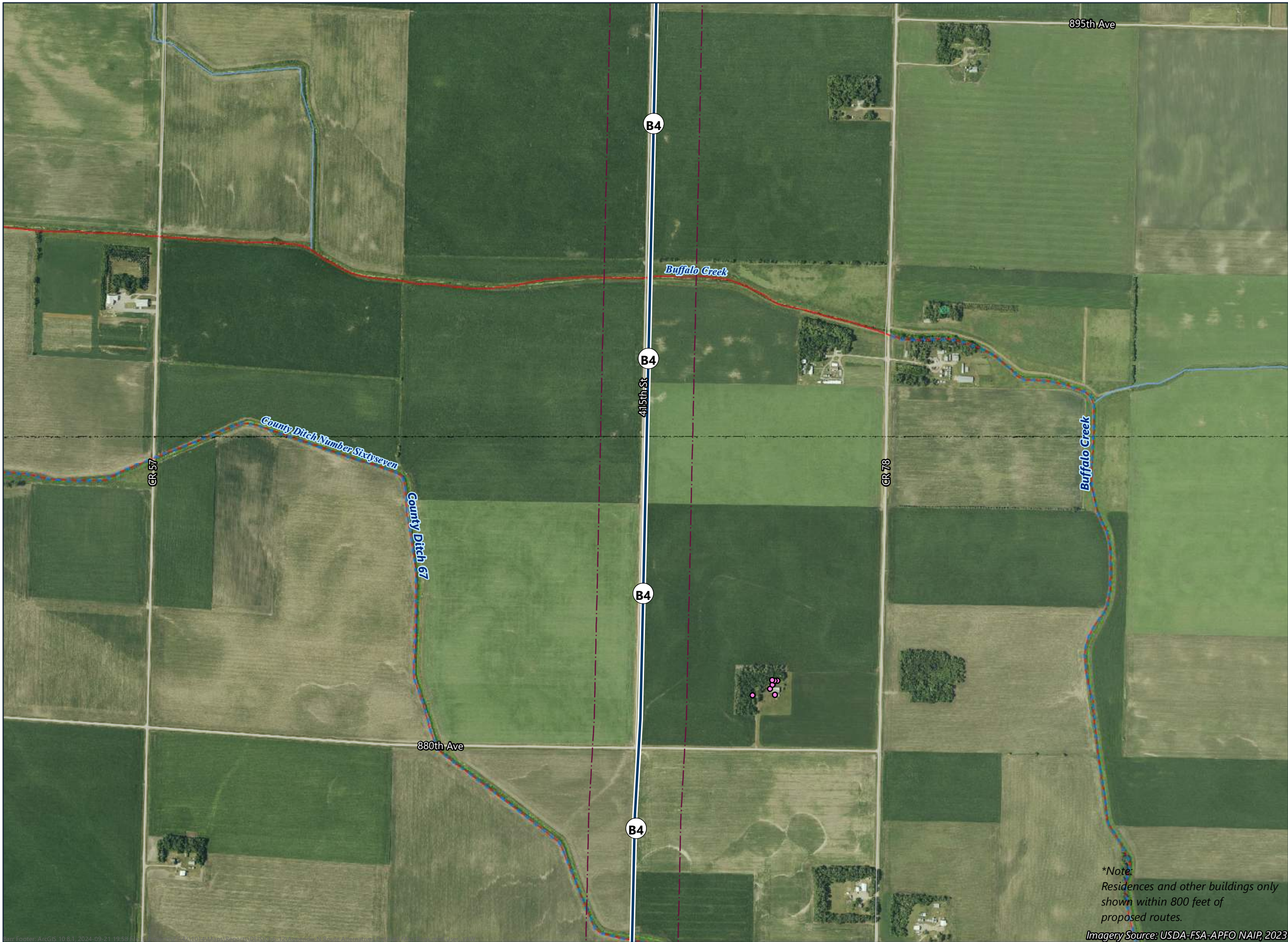
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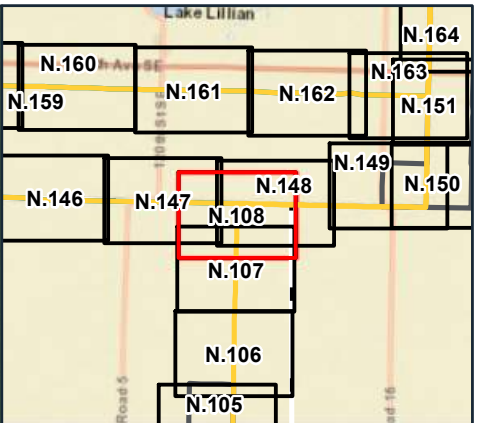
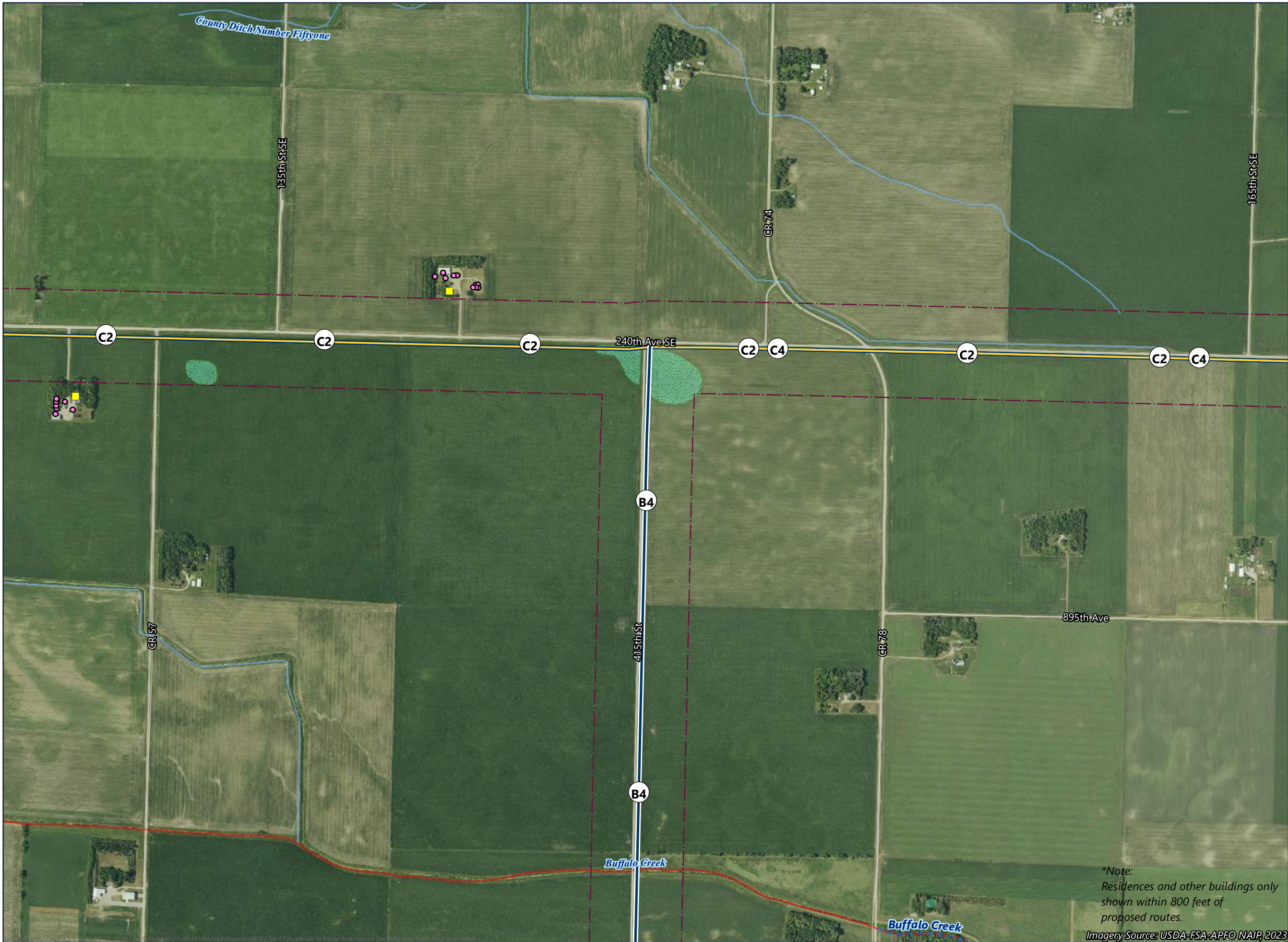
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- Route Segment B4 (Blue Route)
- Route Segment (incorporates alternative[s])
- Route Connector
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- State Water Trail
- Snowmobile Trail
- PWI Watercourse
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  - 500-Year Floodplain

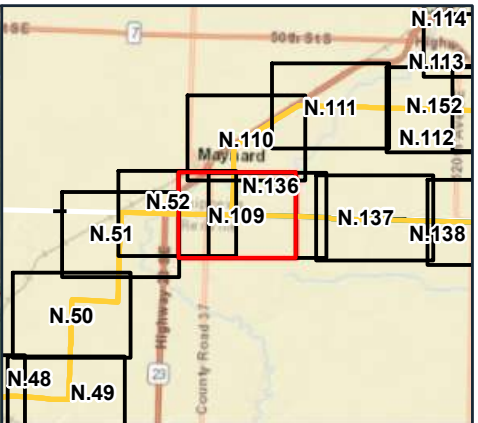
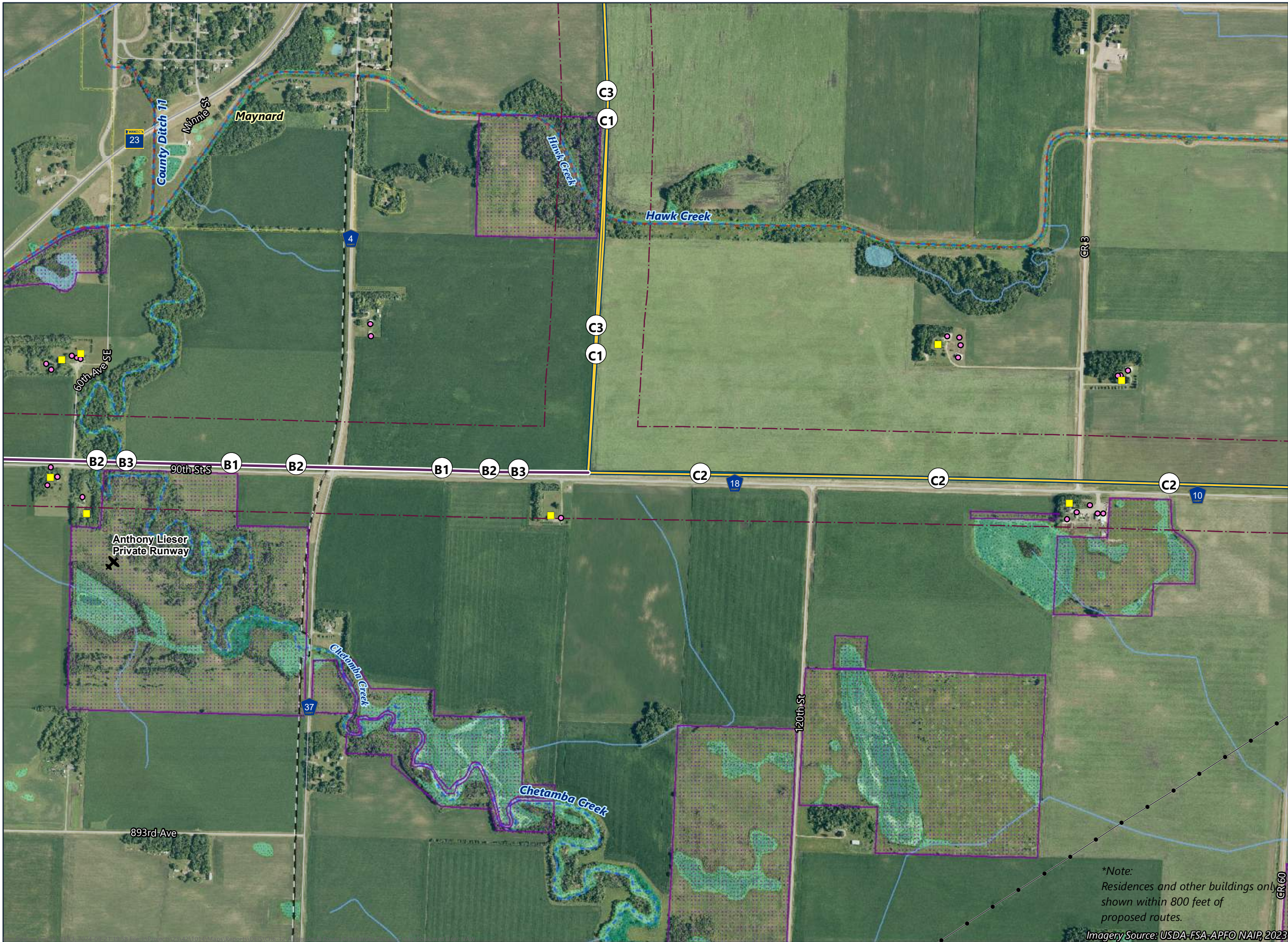


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**ROUTE ALTERNATIVES  
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Minnesota Energy  
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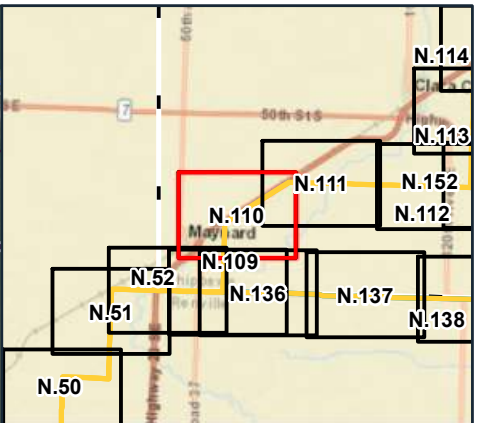
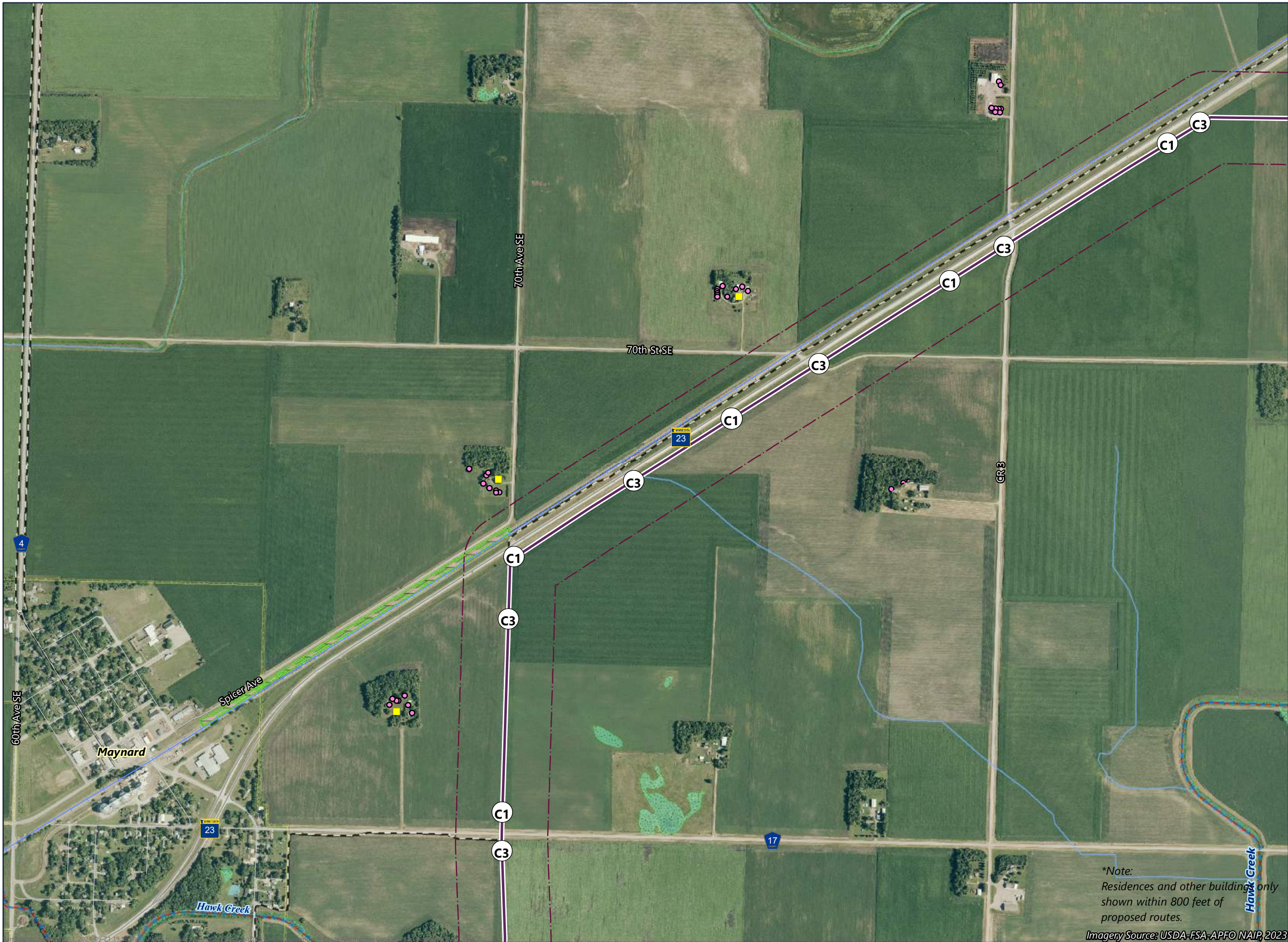
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- Route Segment B4 (Blue Route)
- Route Segment (incorporates alternative[s])
- Route Connector
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- Existing Transmission Line
- Private Airport
- Municipal Boundary
- State Water Trail
- Wild and Scenic Recreational Rivers
- Snowmobile Trail
- PWI Watercourse
- MPCA Impaired Stream
- Non-Forested Wetland
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- Floodplains**
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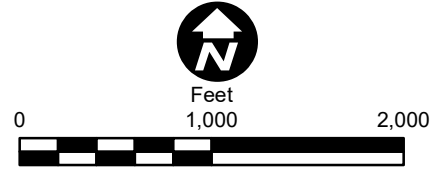




- Route Segment C1 (Purple Route)
- Route Segment (incorporates alternative[s])
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- Municipal Boundary
- State Water Trail
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- Site of Biodiversity Significance**
  - Moderate Significance

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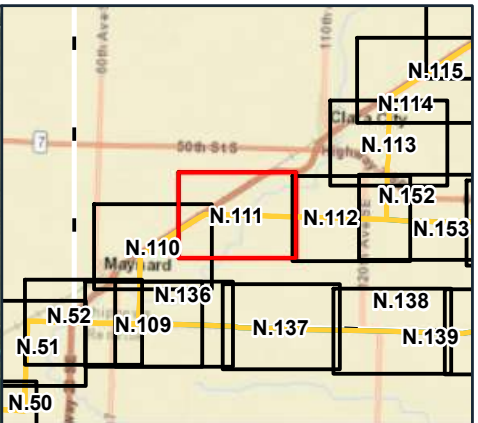
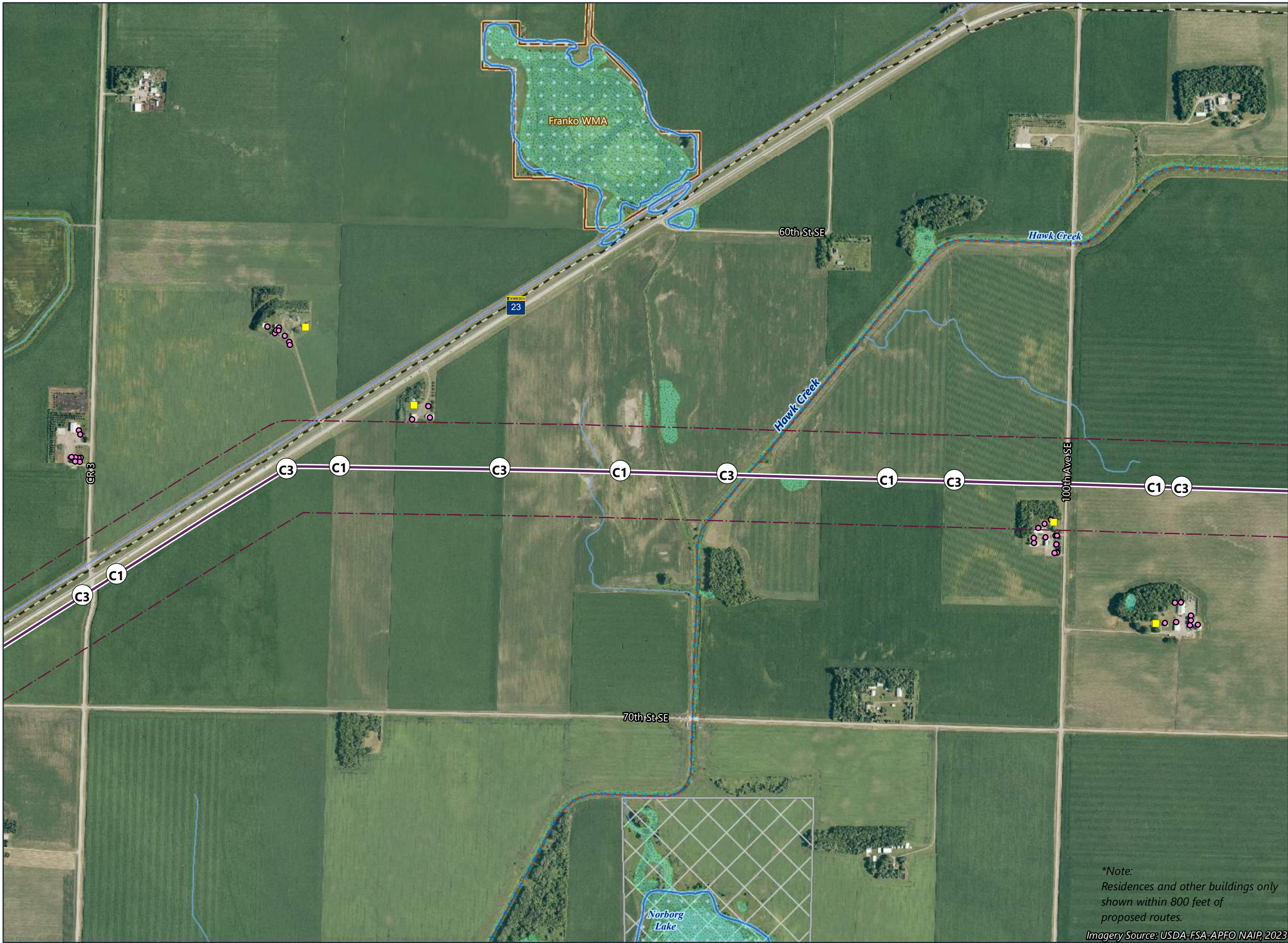
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**ROUTE ALTERNATIVES  
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Appendix N.110





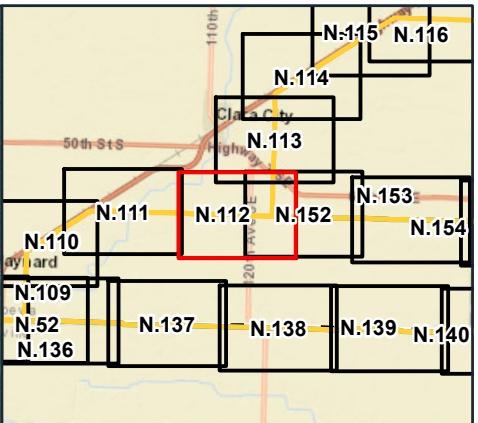
- Route Segment C1 (Purple Route)
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- NHD Waterbody
- NHD Watercourse
- Native Plant Community
- Floodplains**
- 100-Year Floodplain



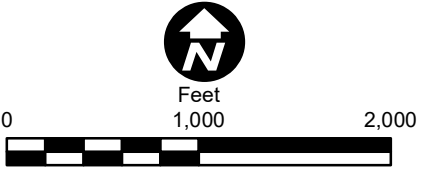
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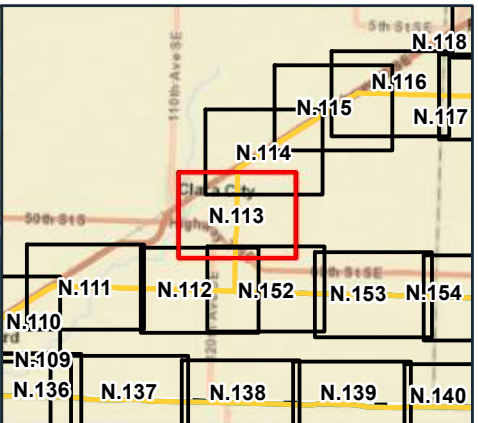
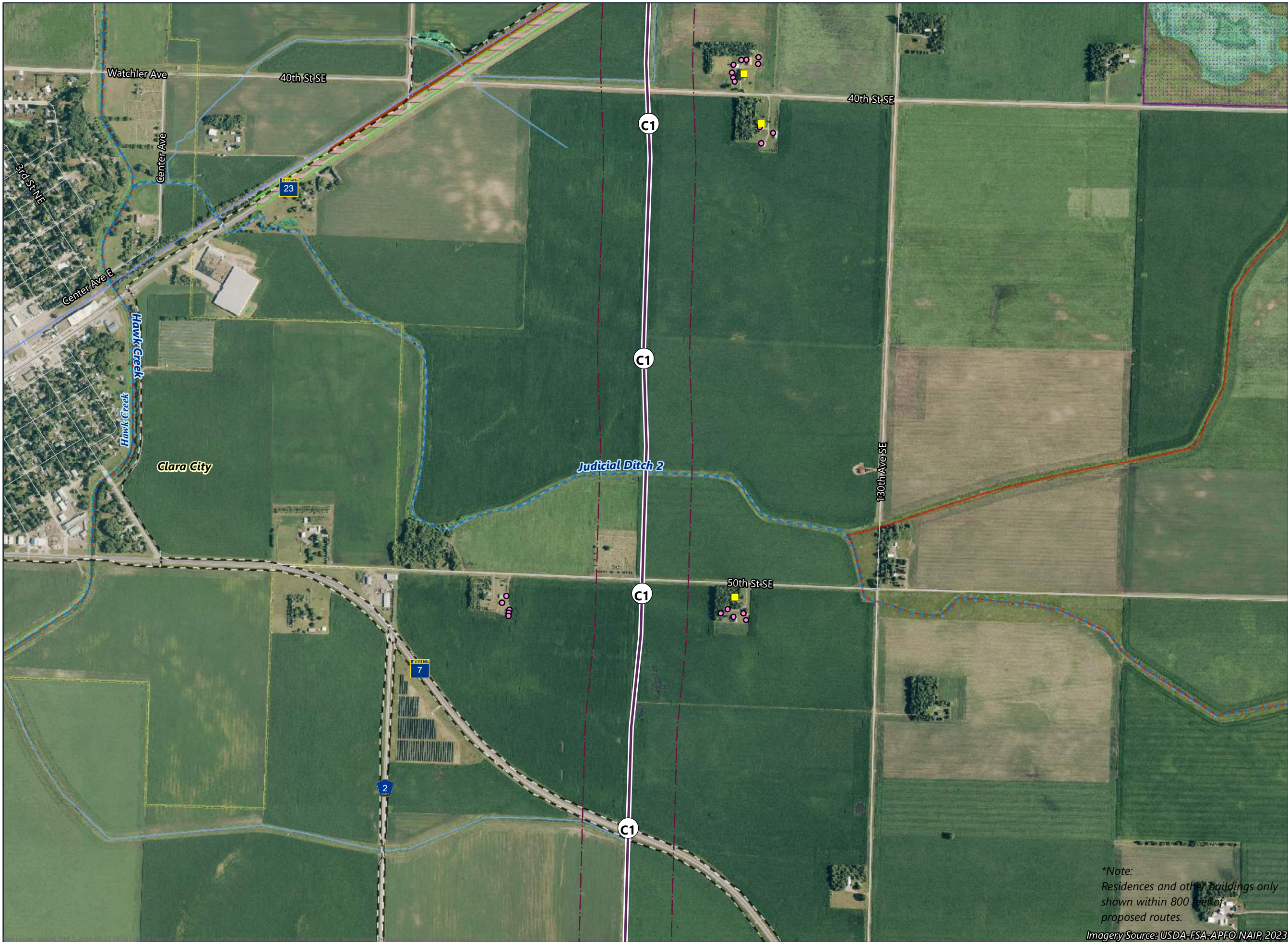
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- NHD Watercourse
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- Floodplains**
- 100-Year Floodplain



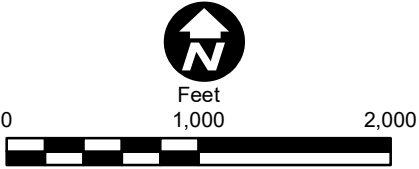
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- Site of Biodiversity Significance**
  - Moderate Significance



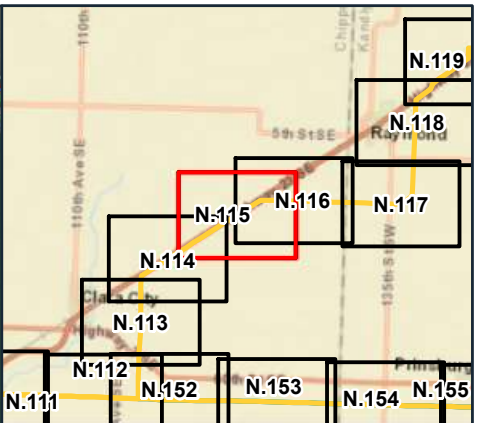
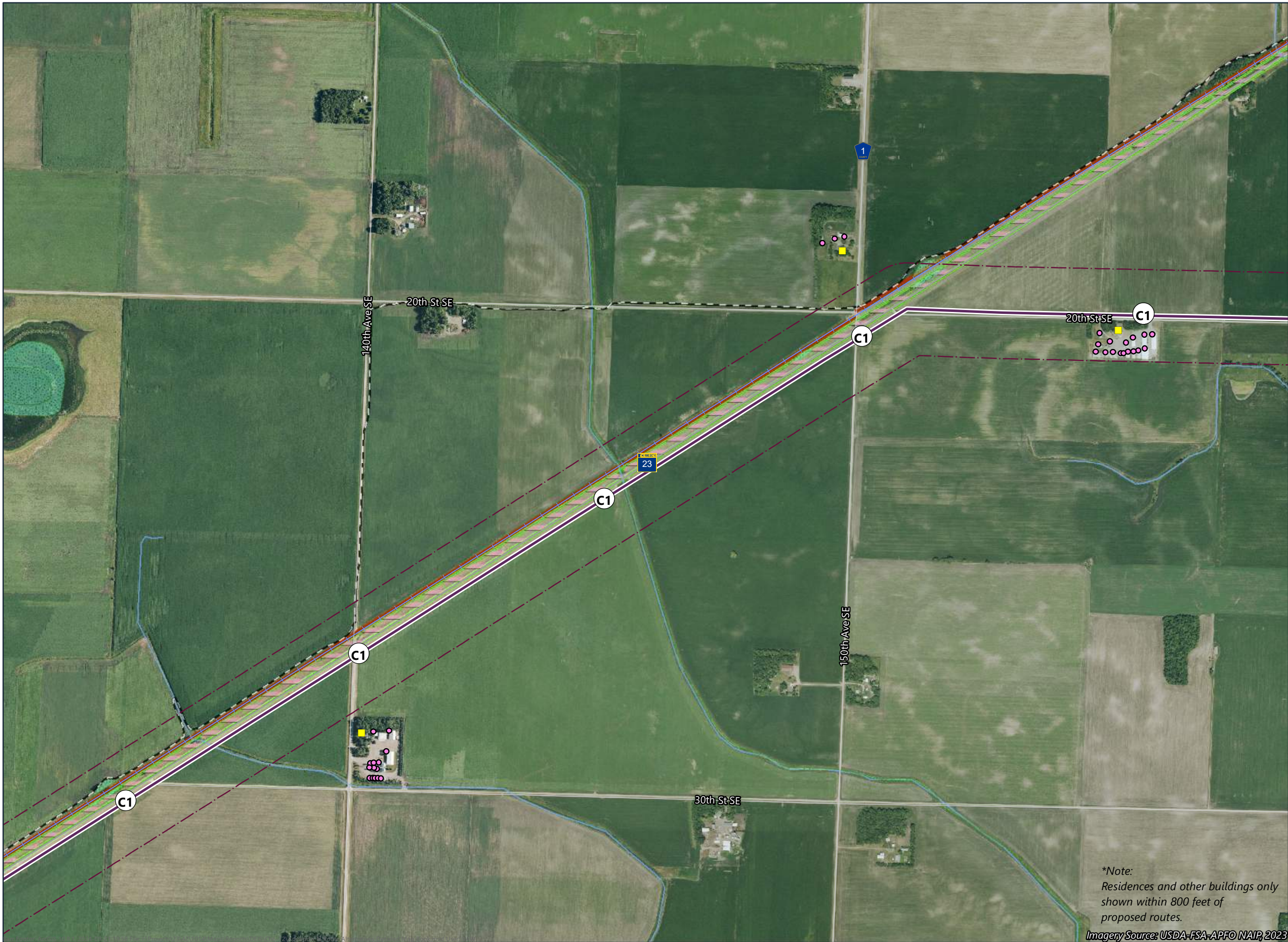
\*Note:  
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proposed routes.

Imagery Source: USDA-FSA-APFO NAIP, 2023





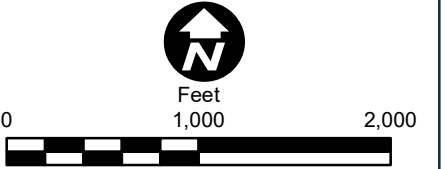




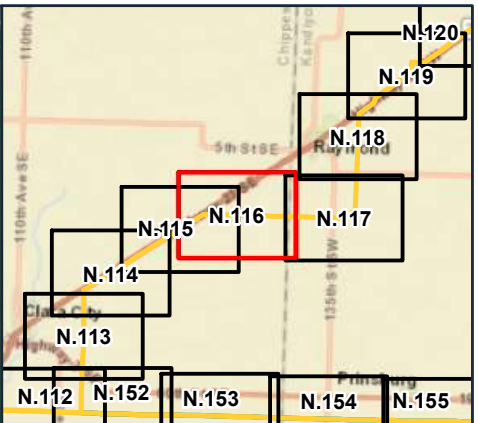
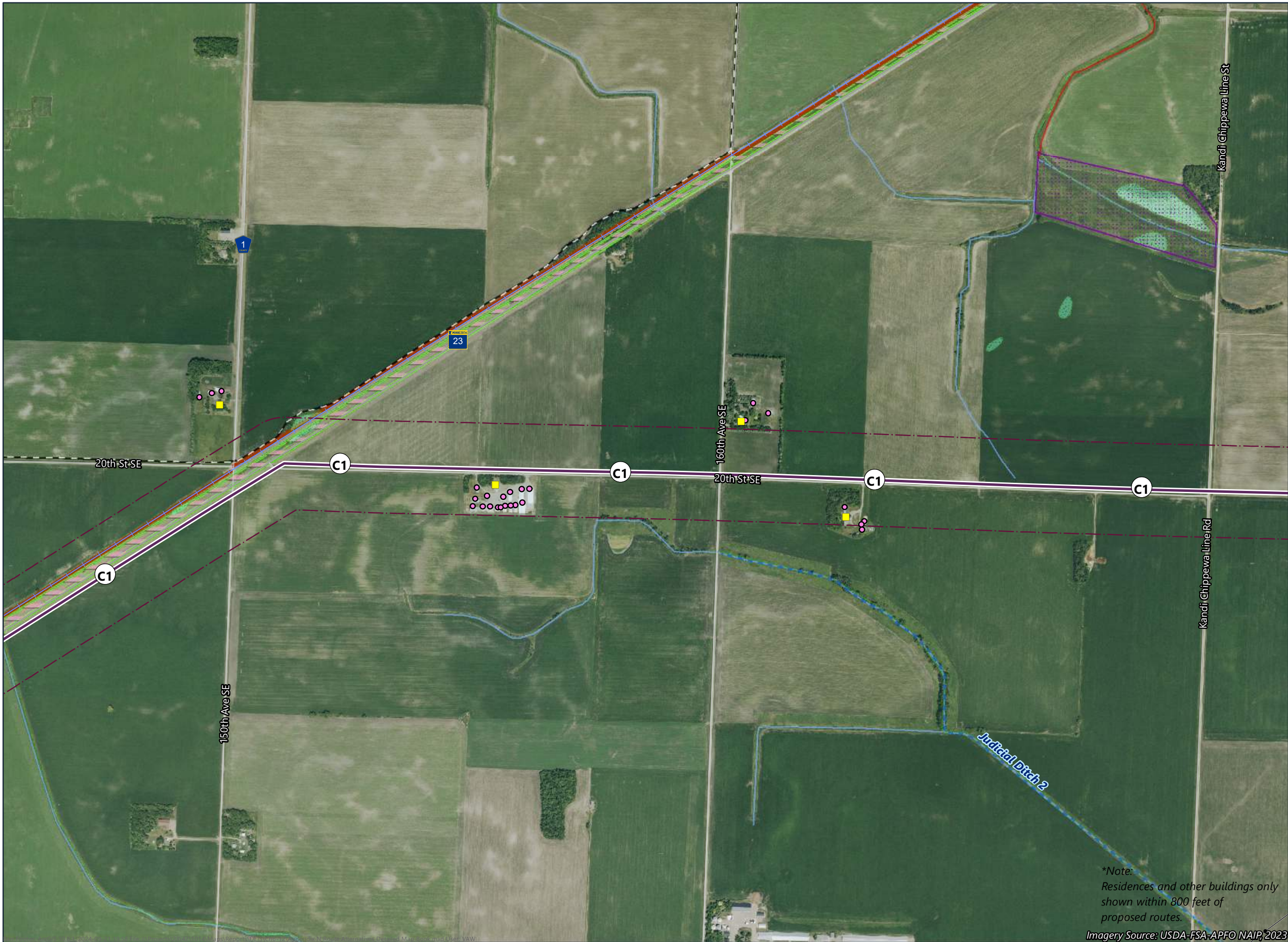
- Route Segment C1 (Purple Route)
- Route Segment (incorporates alternative[s])
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- State Water Trail
- Wild and Scenic Recreational Rivers
- Snowmobile Trail
- PWI Watercourse
- MPCA Impaired Stream
- Non-Forested Wetland
- NHD Watercourse
- Railroad Right-of-Way Prairies
- Native Plant Community
- Floodplains**
  - 100-Year Floodplain
- Site of Biodiversity Significance**
  - Moderate Significance

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Imagery Source: USDA-FSA-APFO NAIR, 2023



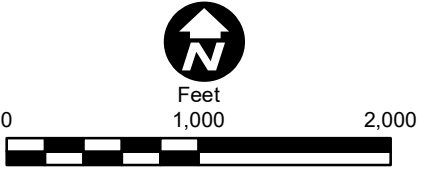




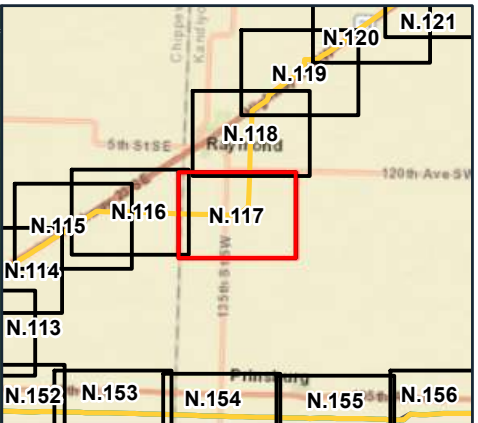
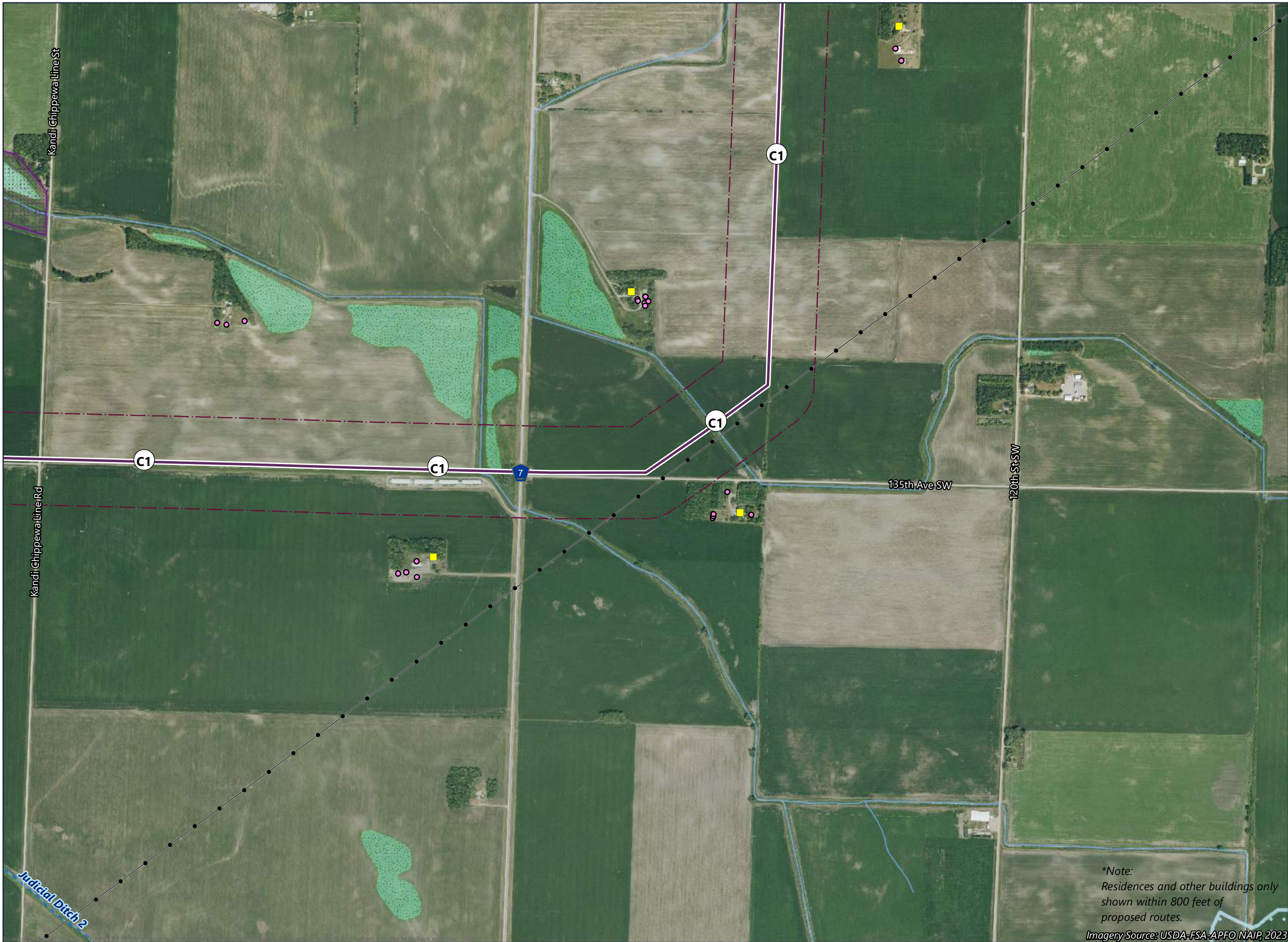
- Route Segment C1 (Purple Route)
- Route Segment (incorporates alternative[s])
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- Existing Transmission Line
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- Native Plant Community
- Conservation Reserve Enhancement Program (CREP) Easement
- Floodplains**
  - 100-Year Floodplain
- Site of Biodiversity Significance**
  - Moderate Significance

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Imagery Source: USDA-FSA-APFO NAIP, 2023







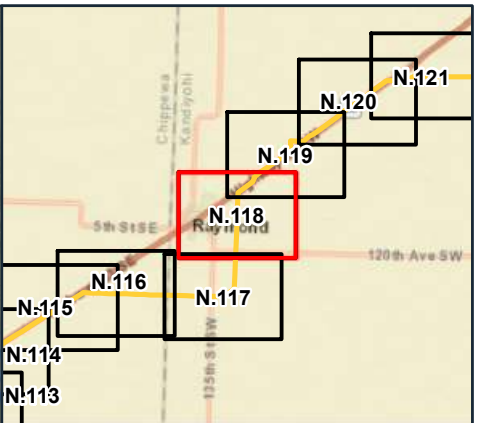
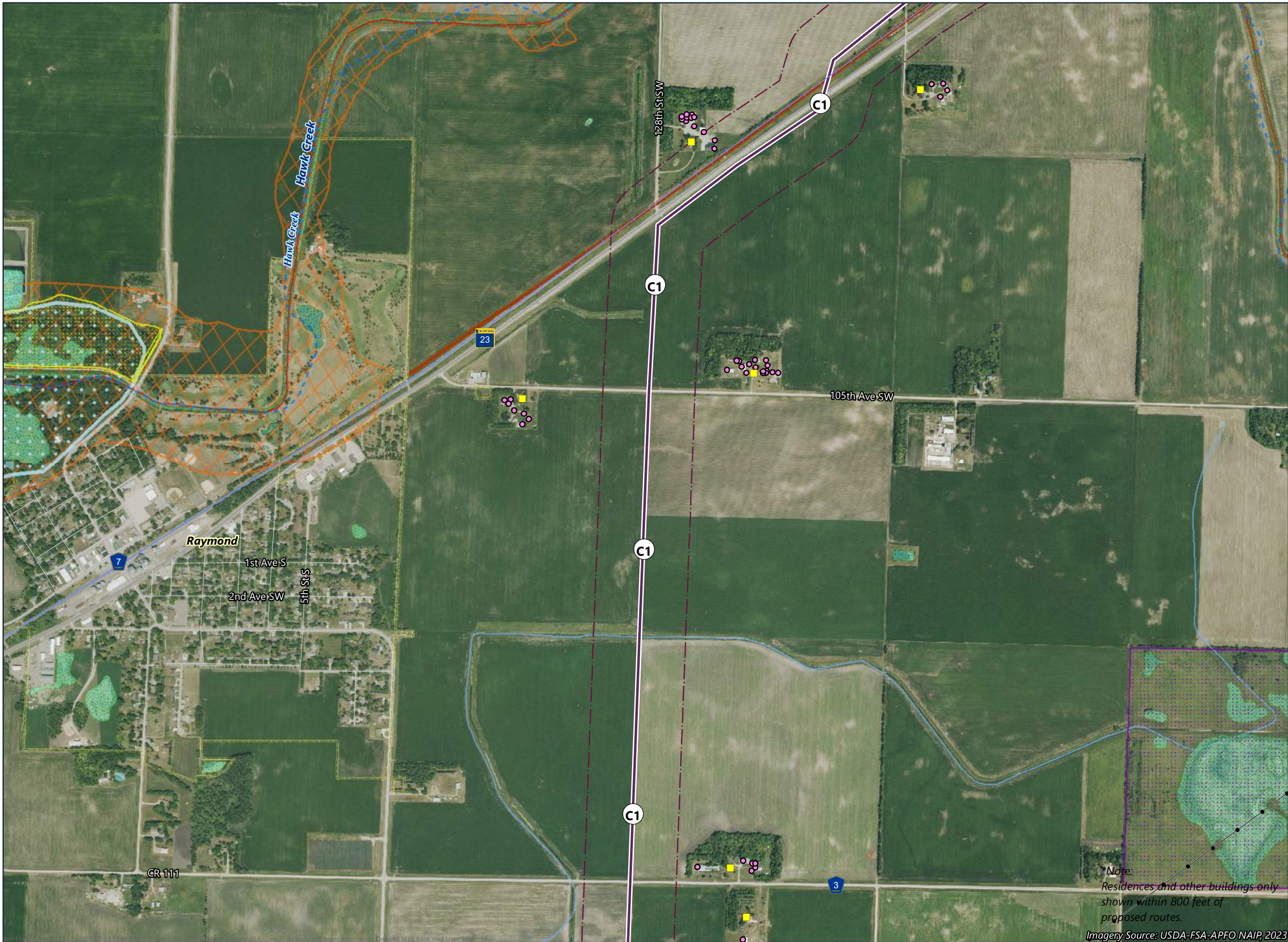
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- State Water Trail
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  - 100-Year Floodplain
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  - Moderate Significance



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Imagery Source: USDA-FSA-APFO NAIP, 2023





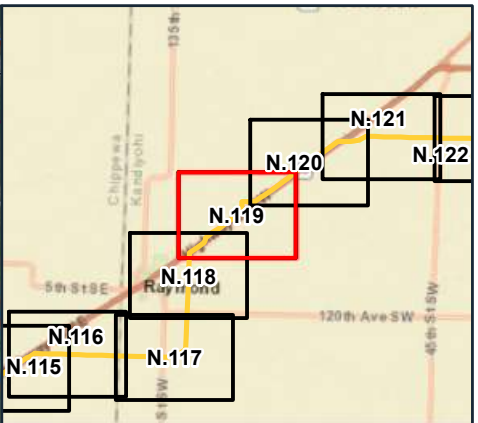
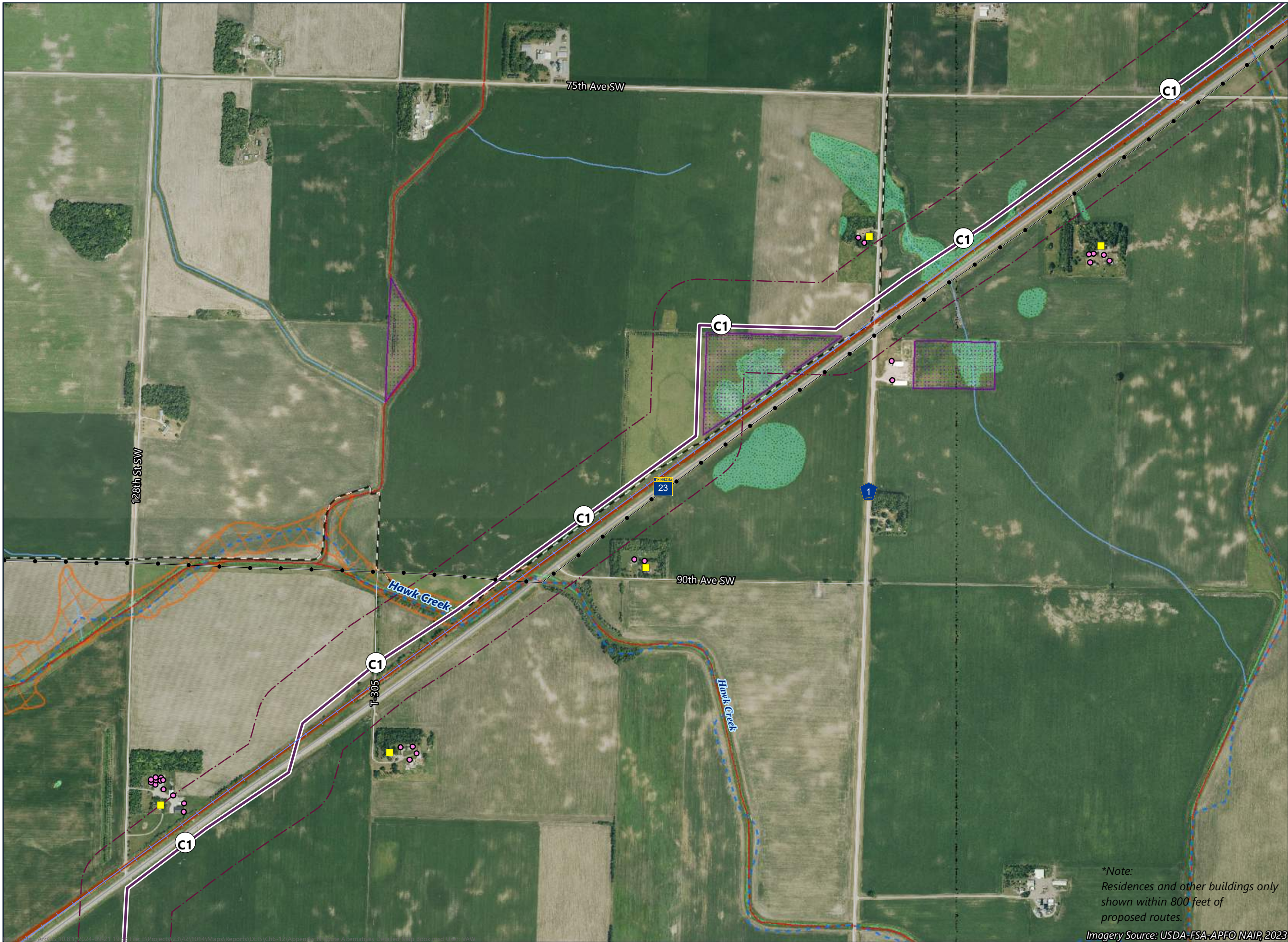
- Route Segment C1 (Purple Route)
- Route Segment (incorporates alternative[s])
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- Existing Transmission Line
- Municipal Boundary
- State Water Trail
- Wild and Scenic Recreational Rivers
- Snowmobile Trail
- PWI Watercourse
- MPCA Impaired Stream
- Non-Forested Wetland
- NHD Watercourse
- Railroad Right-of-Way Prairies
- Native Plant Community
- Conservation Reserve Enhancement Program (CREP) Easement
- Reinvest in Minnesota (RIM) Easement
- Floodplains**
  - 100-Year Floodplain



*\*Note:  
Residences and other buildings only  
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proposed routes.*

*Imagery Source: USDA-FSA-APFO NAIP, 2023*





- Route Segment C1 (Purple Route)
- Route Segment (incorporates alternative[s])
- Route Width
- Residence Location\*
- Non-Residential Structure\*
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- NHD Watercourse
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- Native Plant Community
- Conservation Reserve Enhancement Program (CREP) Easement
- Floodplains
  - 100-Year Floodplain

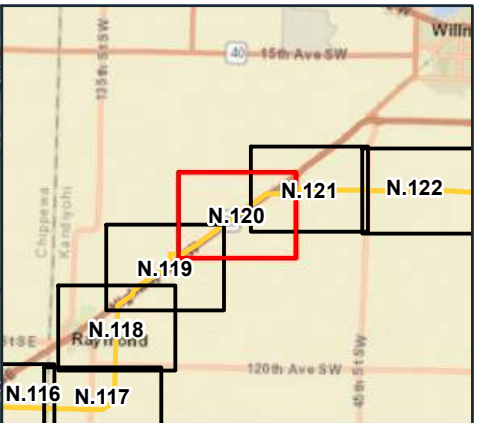
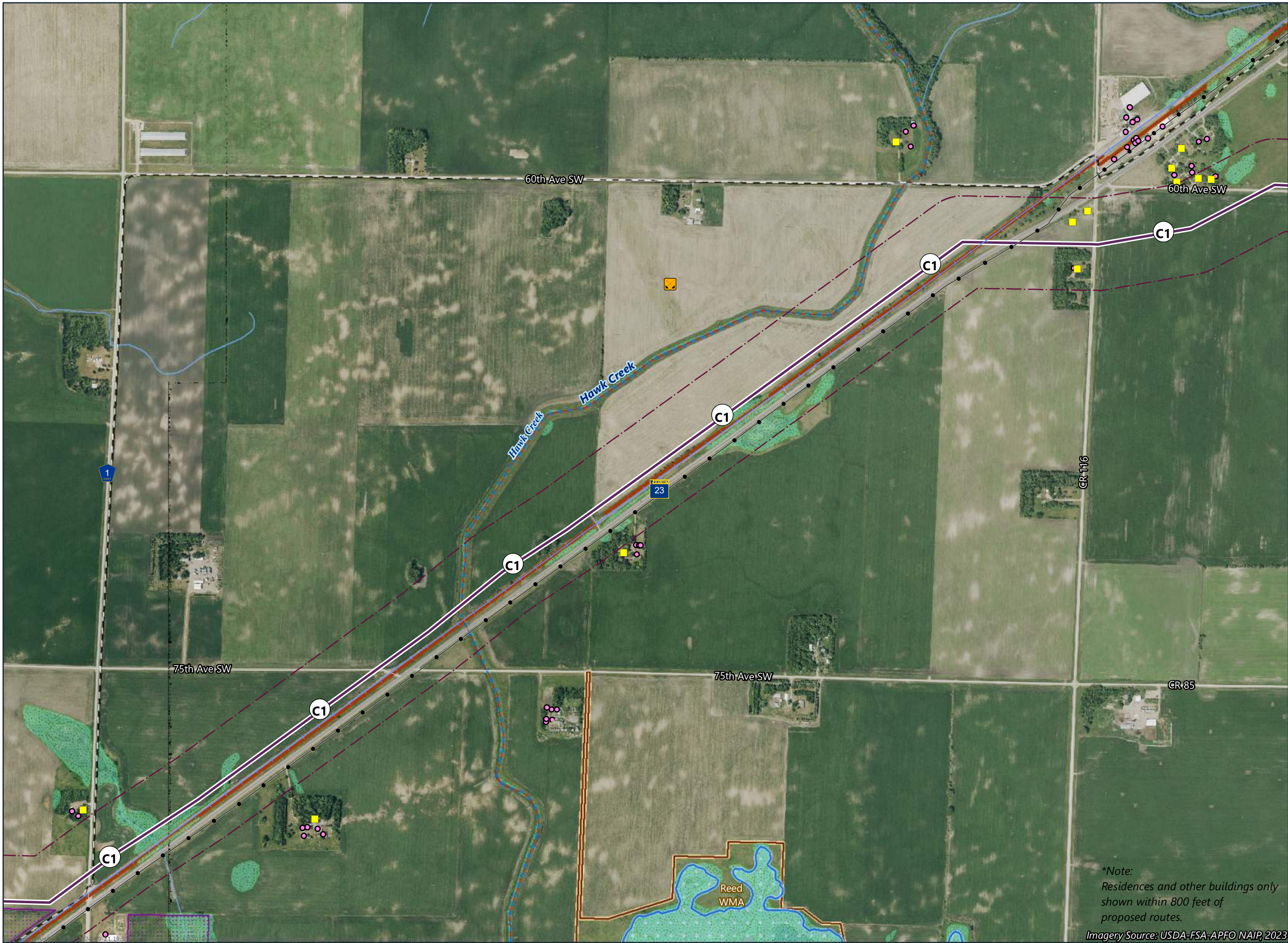


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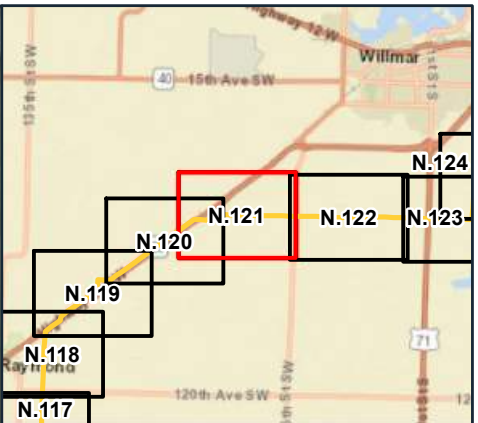
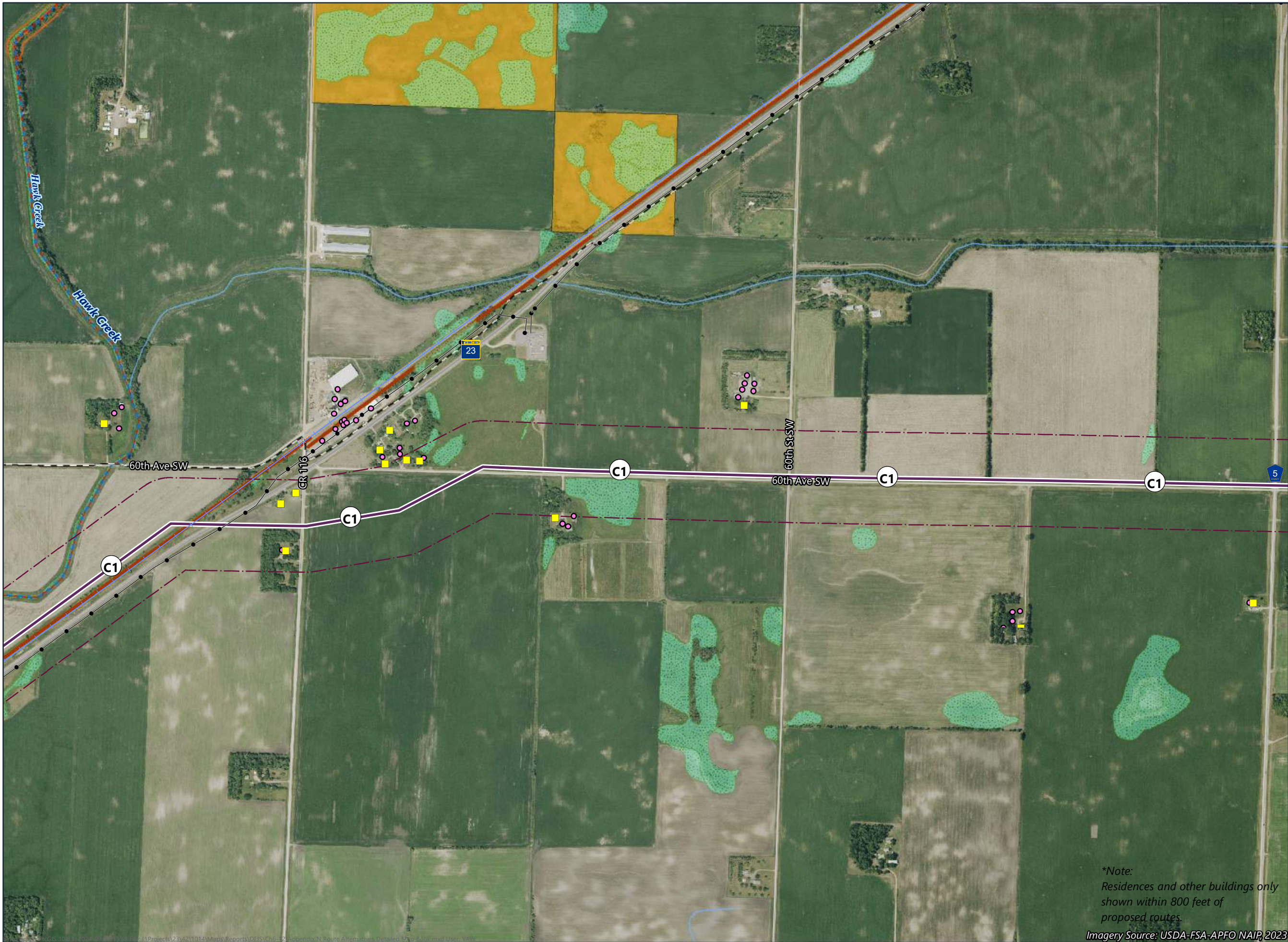
- Route Segment C1 (Purple Route)
- Route Segment (incorporates alternative[s])
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- Existing Transmission Line
- Gravel Pit
- State Water Trail
- Snowmobile Trail
- PWI Watercourse
- MPCA Impaired Stream
- Non-Forested Wetland
- NHD Watercourse
- Railroad Right-of-Way Prairies
- Wildlife Management Area
- Native Plant Community
- Conservation Reserve Enhancement Program (CREP) Easement
- Floodplains**
  - 100-Year Floodplain



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- Route Segment C1 (Purple Route)
- Route Segment (incorporates alternative[s])
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- Existing Transmission Line
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- MPCA Impaired Stream
- Non-Forested Wetland
- NHD Watercourse
- Railroad Right-of-Way Prairies
- Native Plant Community
- Floodplains**
- 100-Year Floodplain



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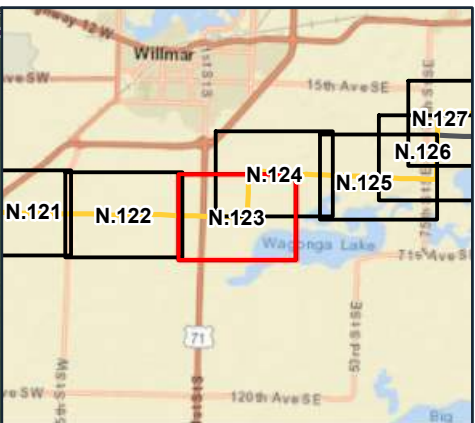
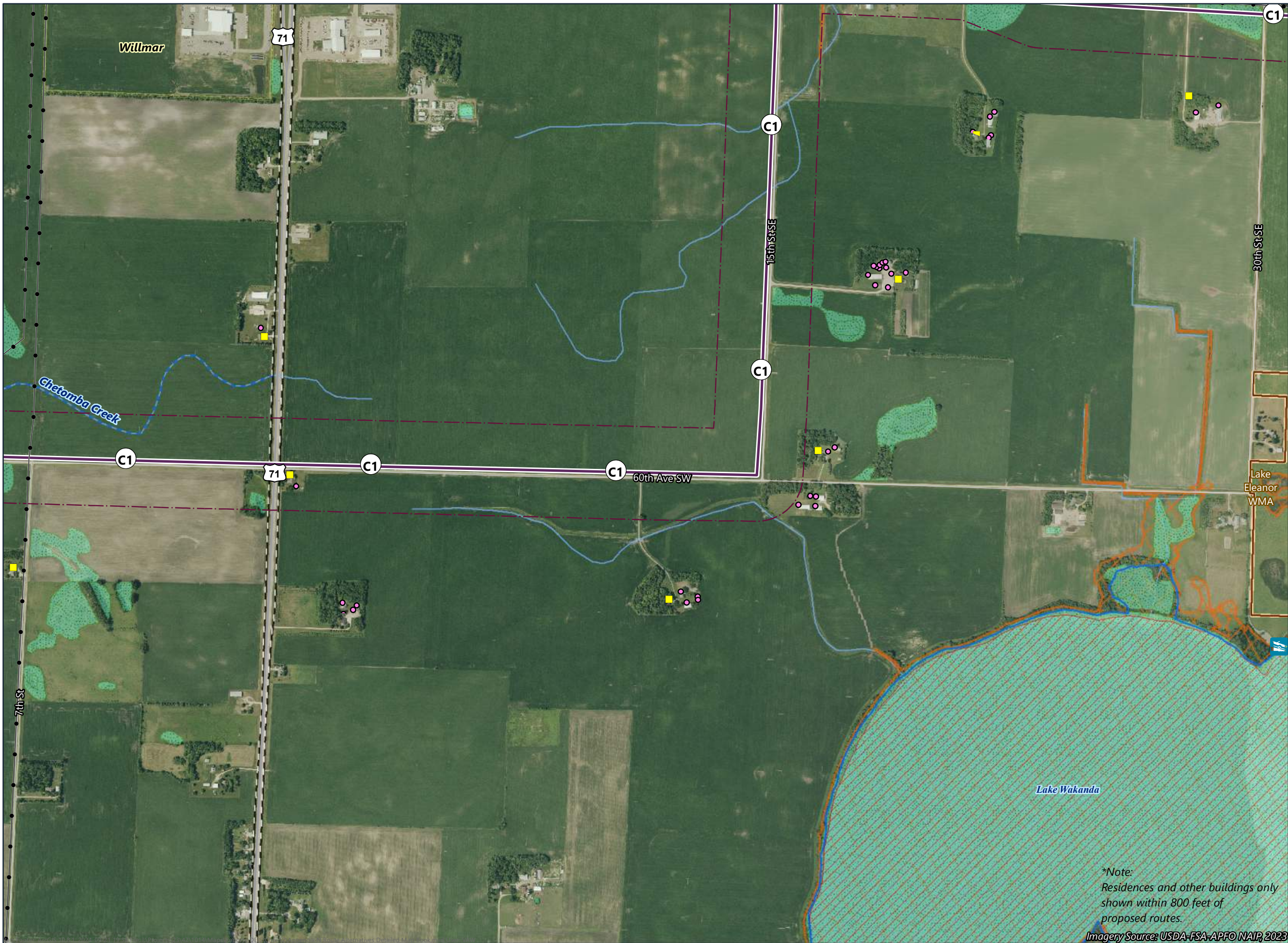
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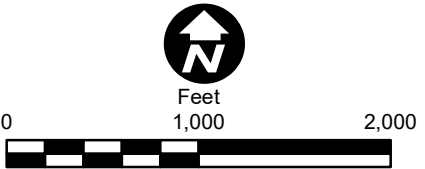








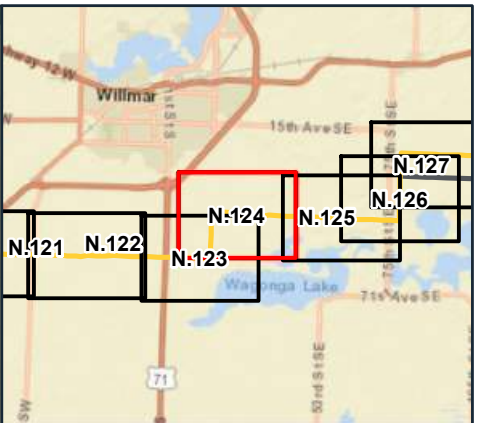
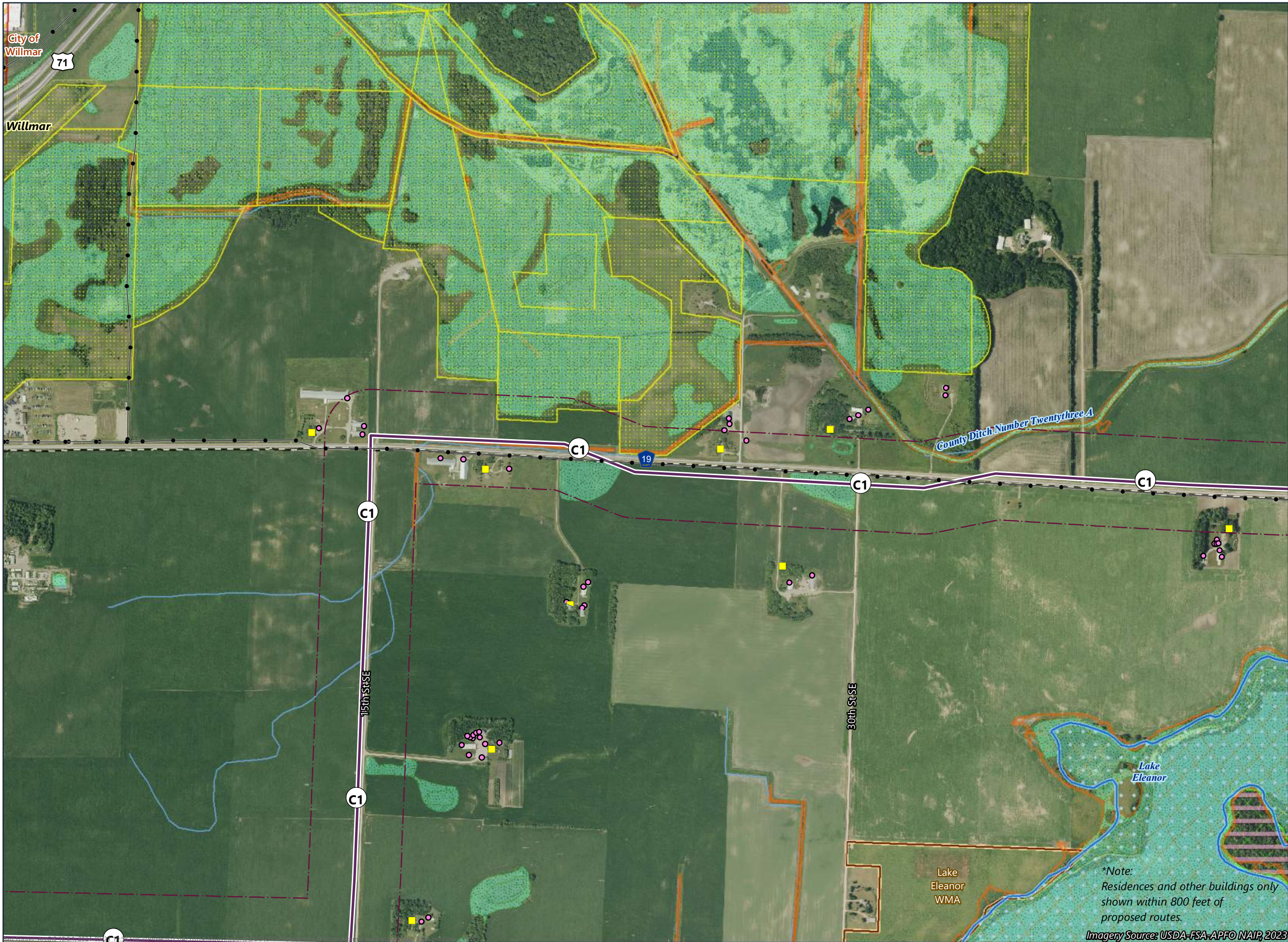
- Route Segment C1 (Purple Route)
- Route Segment (incorporates alternative[s])
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- Existing Transmission Line
- Municipal Boundary
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- PWI Watercourse
- Non-Forested Wetland
- NHD Watercourse
- Native Plant Community
- Floodplains**
- 100-Year Floodplain



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- Route Segment C1 (Purple Route)
- Route Segment (incorporates alternative[s])
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- Existing Transmission Line
- Municipal Boundary
- State Water Trail
- Snowmobile Trail
- PWI Waterbody
- PWI Watercourse
- Shallow Wildlife Lake
- Non-Forested Wetland
- NHD Watercourse
- Native Plant Community
- Reinvest in Minnesota (RIM) Easement
- Floodplains**
- 100-Year Floodplain



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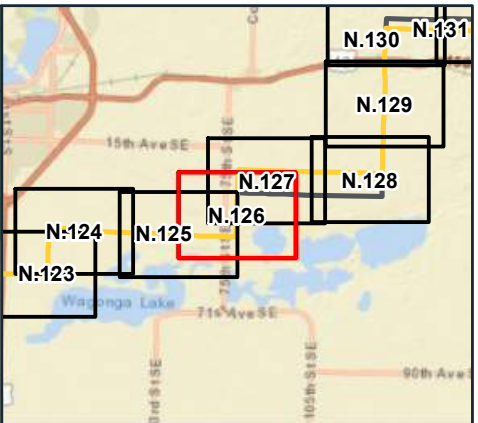
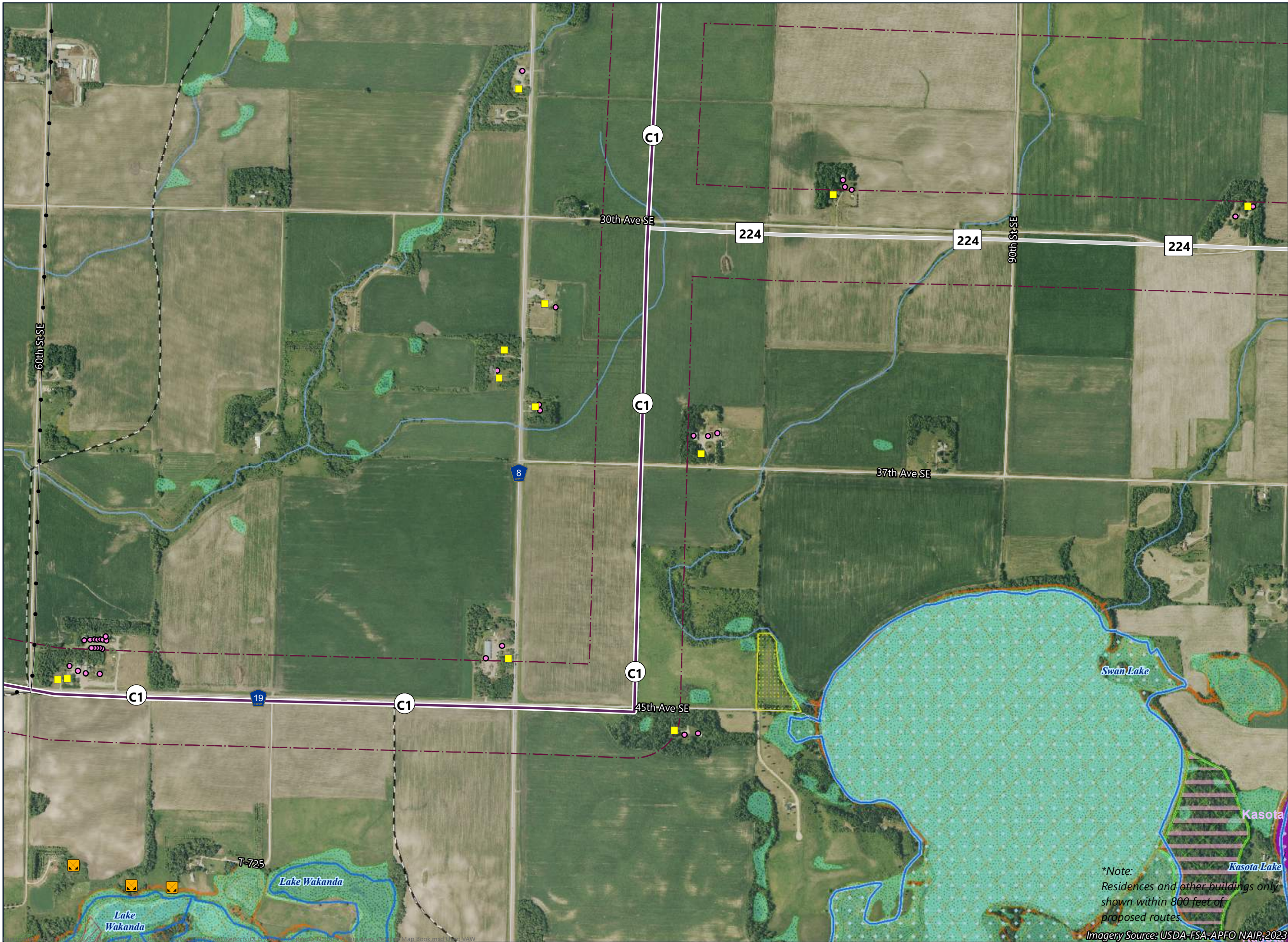
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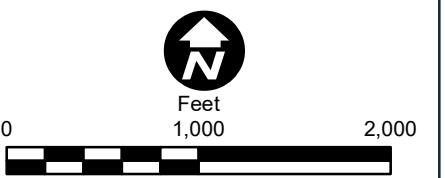








- Route Segment C1 (Purple Route)
- Route Segment (incorporates alternative[s])
- Refinement
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- Existing Transmission Line
- Gravel Pit
- State Water Trail
- Snowmobile Trail
- PWI Watercourse
- Non-Forested Wetland
- NHD Watercourse
- Native Plant Community
- Reinvest in Minnesota (RIM) Easement
- Floodplains**
- 100-Year Floodplain

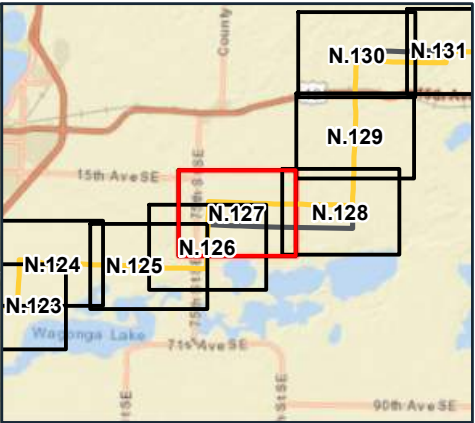
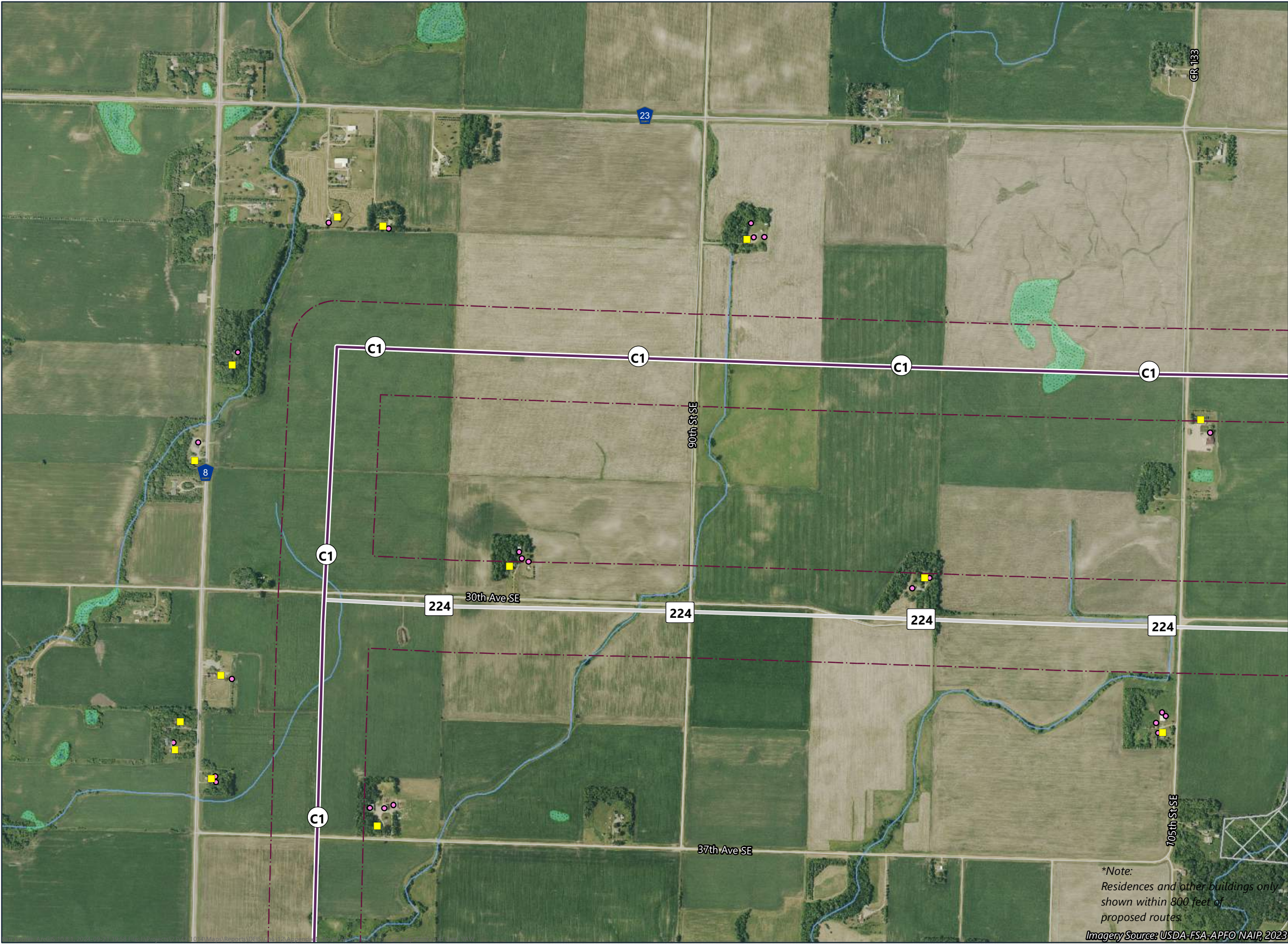


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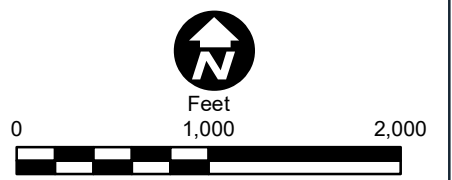
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- Route Segment C1 (Purple Route)
- Route Segment (incorporates alternative[s])
- Refinement
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- State Water Trail
- Snowmobile Trail
- PWI Watercourse
- Non-Forested Wetland
- NHD Watercourse
- Native Plant Community
- Floodplains**
- 100-Year Floodplain
- Site of Biodiversity Significance**
- Below Minimum Significance

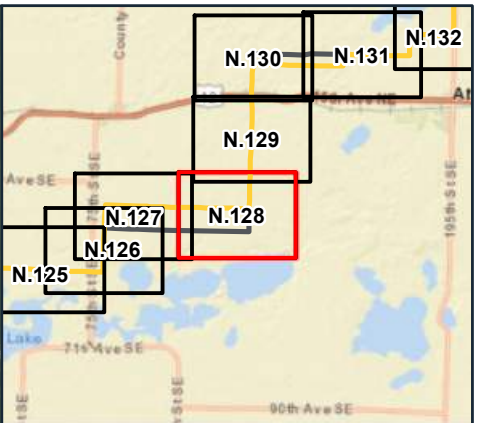
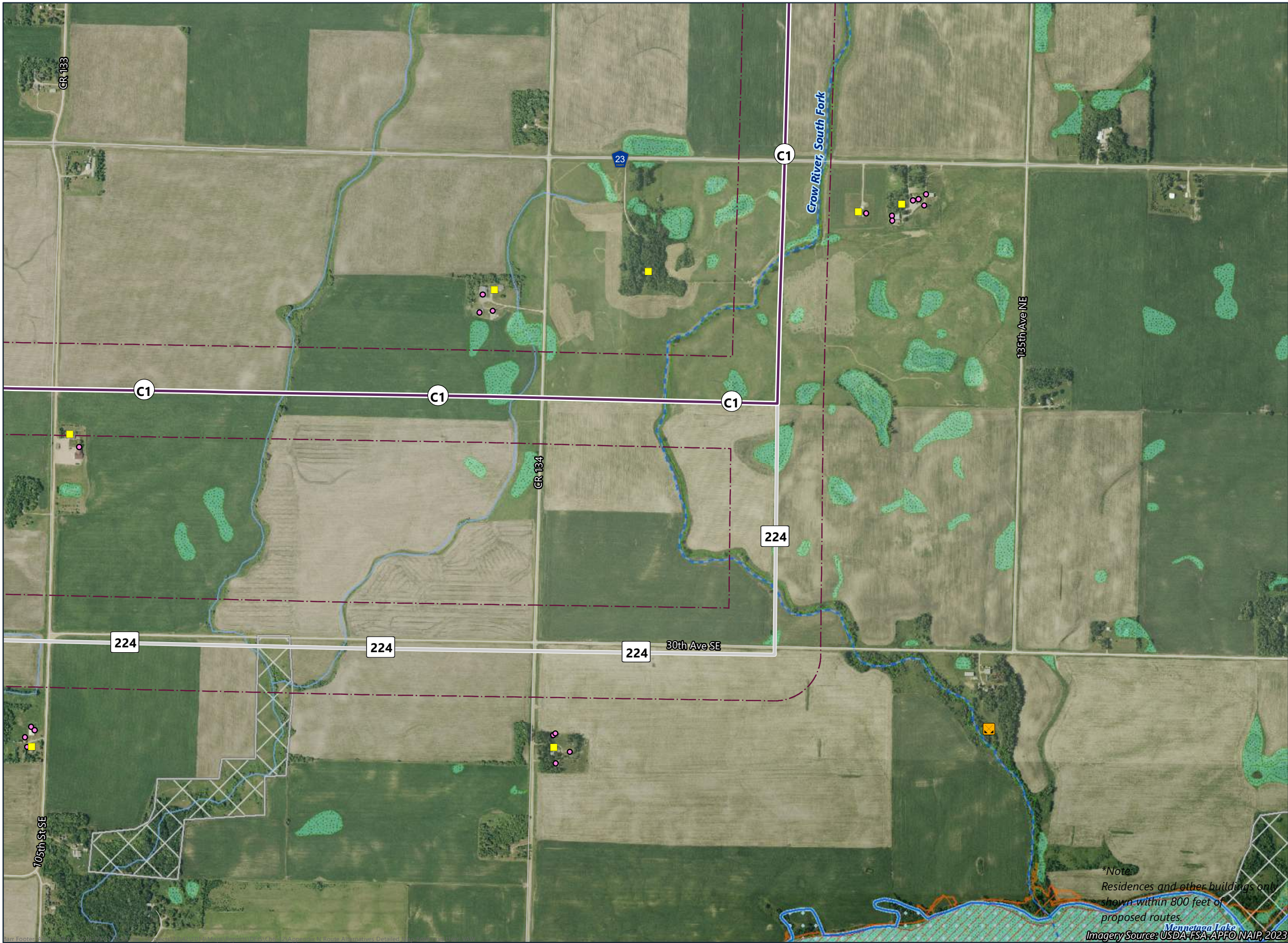


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**ROUTE ALTERNATIVES  
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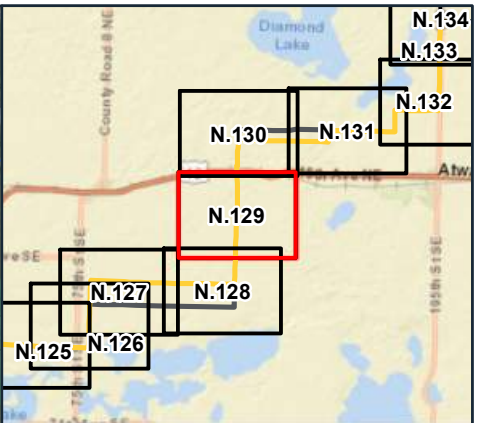
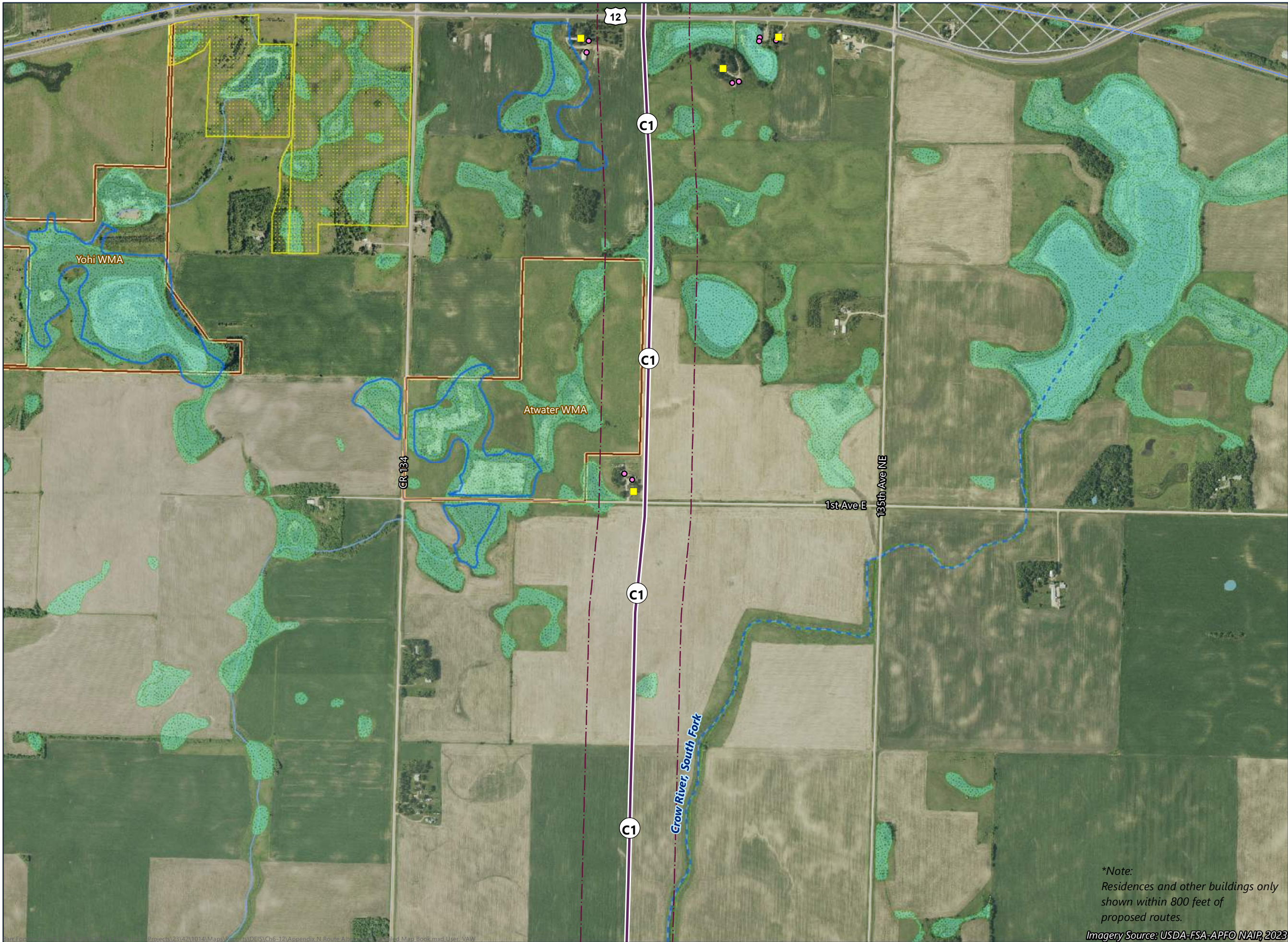


- Route Segment C1 (Purple Route)
- Route Segment C4 (Blue Route)
- Route Segment (incorporates alternative[s])
- Refinement
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- Gravel Pit
- State Water Trail
- Snowmobile Trail
- PWI Watercourse
- Non-Forested Wetland
- NHD Waterbody
- NHD Watercourse
- Native Plant Community
- Waterfowl Production Area
- Floodplains**
- 100-Year Floodplain
- Site of Biodiversity Significance**
- Below Minimum Significance

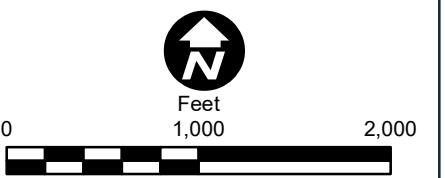


\*Note:  
Residences and other buildings only  
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proposed routes.  
Menneka Lake  
Imagery Source: USDA-FSA-APFO NAIP, 2023





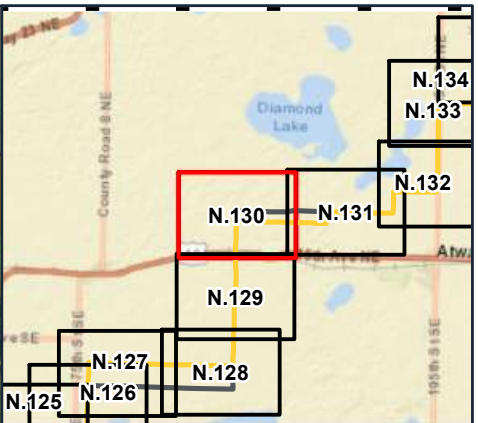
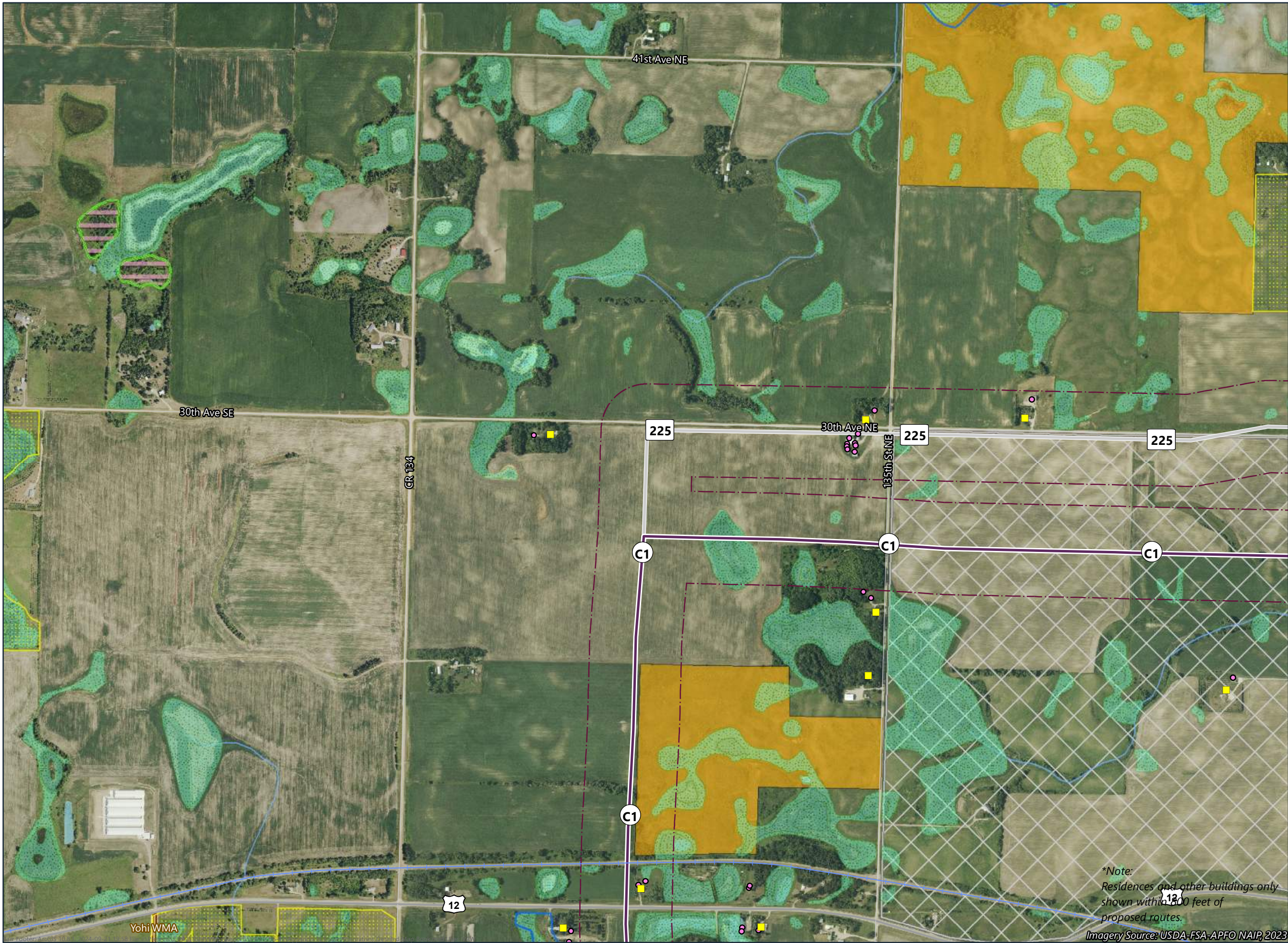
- Route Segment C1 (Purple Route)
- Route Segment C4 (Blue Route)
- Route Segment (incorporates alternative[s])
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- State Water Trail
- Snowmobile Trail
- PWI Waterbody
- PWI Watercourse
- Non-Forested Wetland
- NHD Waterbody
- NHD Watercourse
- Wildlife Management Area
- Native Plant Community
- Reinvest in Minnesota (RIM) Easement
- Waterfowl Production Area
- Floodplains**
- 100-Year Floodplain
- Site of Biodiversity Significance**
- Below Minimum Significance



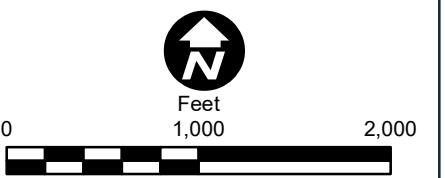
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Imagery Source: USDA-FSA-APFO NAIR, 2023





- Route Segment C1 (Purple Route)
- Route Segment C4 (Blue Route)
- Route Segment (incorporates alternative[s])
- Refinement
- Route Width
- Residence Location\*
- Non-Residential Structure\*
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- Snowmobile Trail
- PWI Waterbody
- PWI Watercourse
- Non-Forested Wetland
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- Native Plant Community
- Reinvest in Minnesota (RIM) Easement
- Waterfowl Production Area
- Floodplains**
- 100-Year Floodplain
- Site of Biodiversity Significance**
- Below Minimum Significance

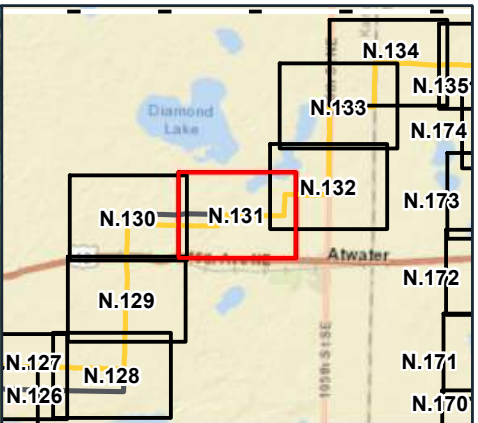
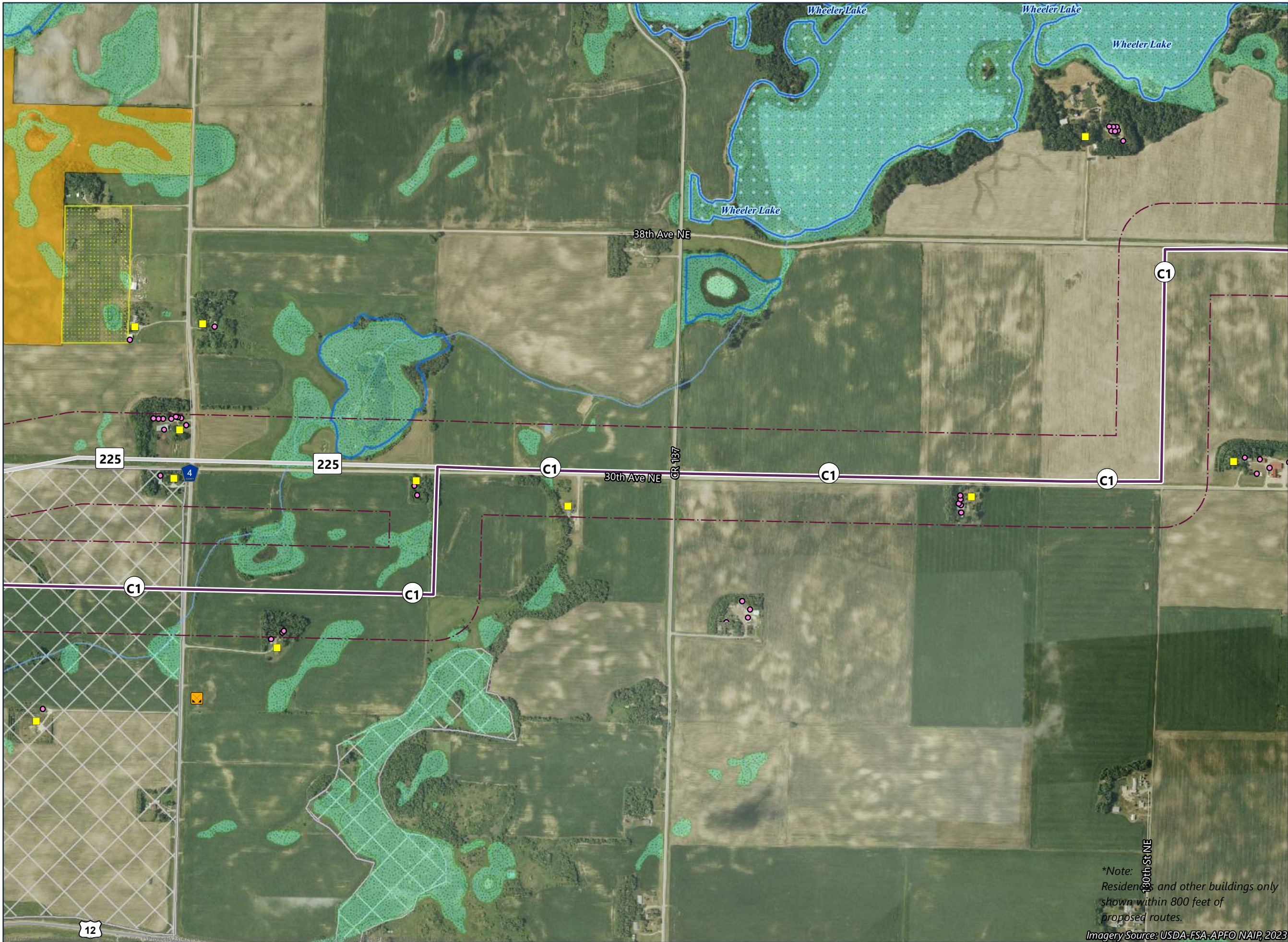


\*Note:  
Residences and other buildings only shown within 300 feet of proposed routes.

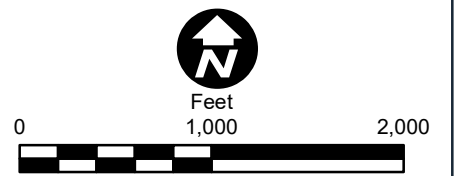
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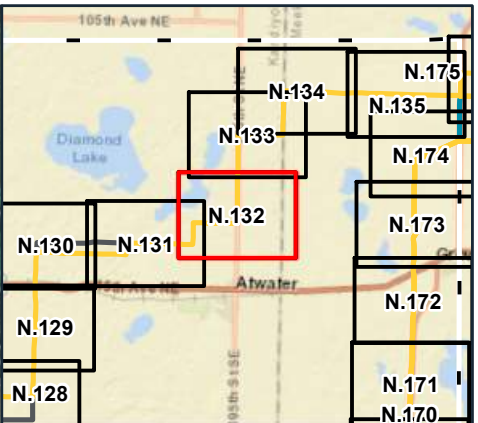
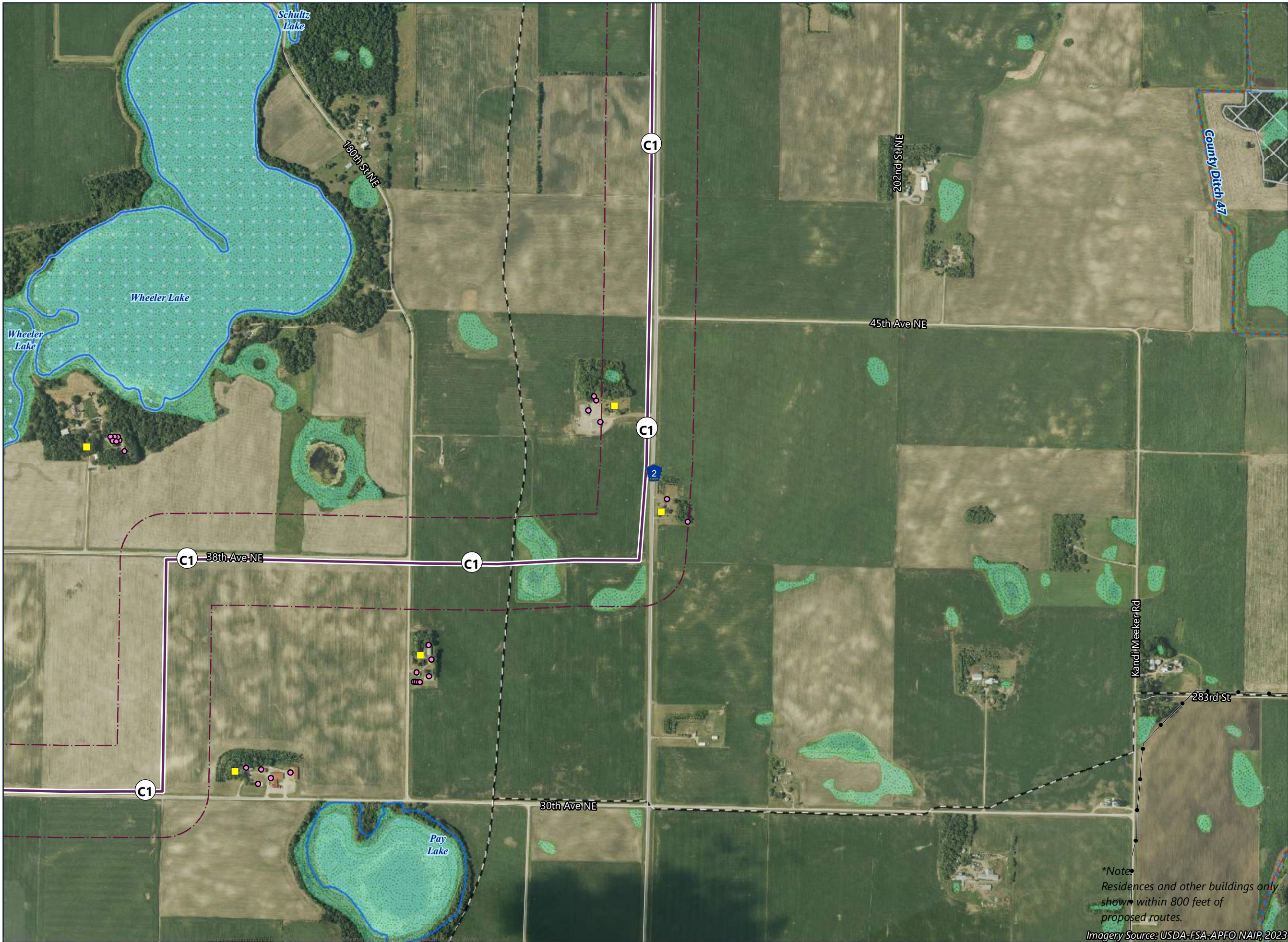
- Route Segment C1 (Purple Route)
- Route Segment C4 (Blue Route)
- Route Segment (incorporates alternative[s])
- Refinement
- Route Width
- Residence Location\*
- Non-Residential Structure\*
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- Snowmobile Trail
- PWI Waterbody
- PWI Watercourse
- Non-Forested Wetland
- NHD Waterbody
- NHD Watercourse
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- Waterfowl Production Area
- Floodplains**
- 100-Year Floodplain
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- Below Minimum Significance



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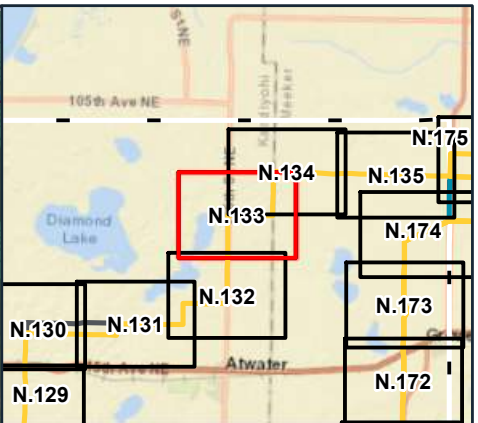
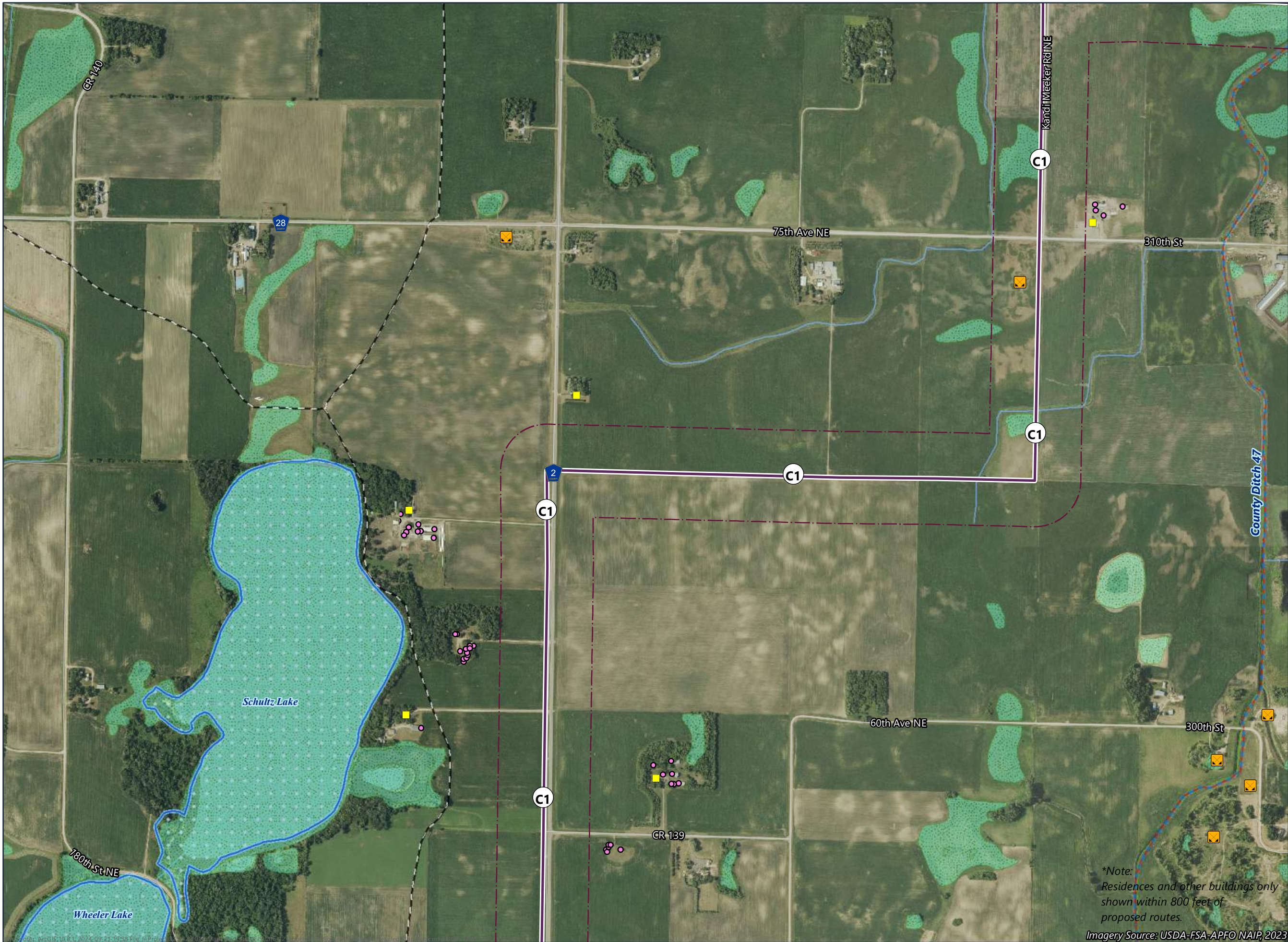
- Route Segment C1 (Purple Route)
- Route Segment C4 (Blue Route)
- Route Segment (incorporates alternative[s])
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- Existing Transmission Line
- State Water Trail
- Snowmobile Trail
- PWI Waterbody
- PWI Watercourse
- MPCA Impaired Stream
- Shallow Wildlife Lake
- Non-Forested Wetland
- Native Plant Community
- Floodplains**
- 100-Year Floodplain



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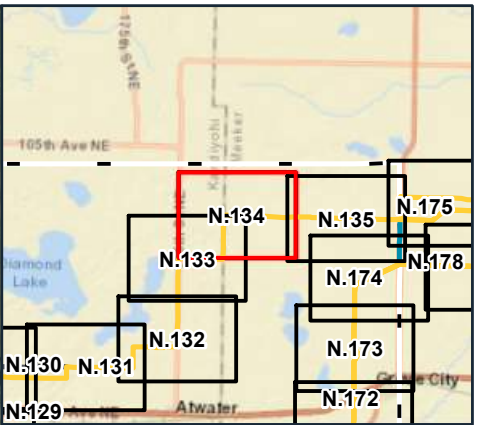
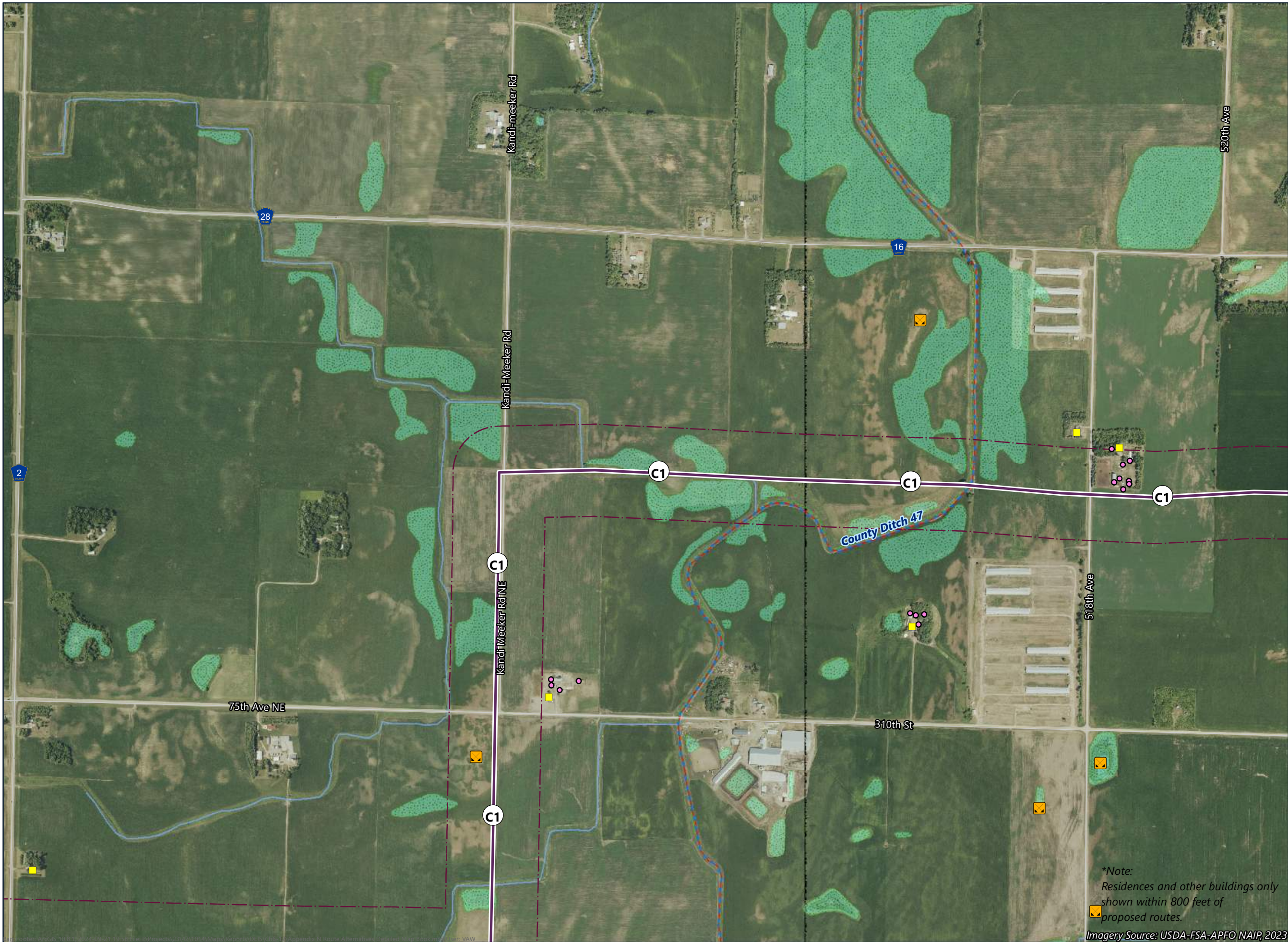
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- NHD Waterbody
- NHD Watercourse
- Native Plant Community
- Floodplains**
- 100-Year Floodplain



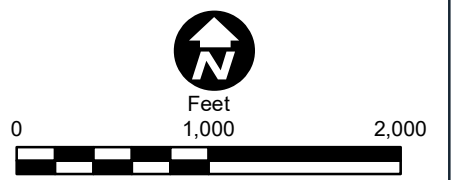
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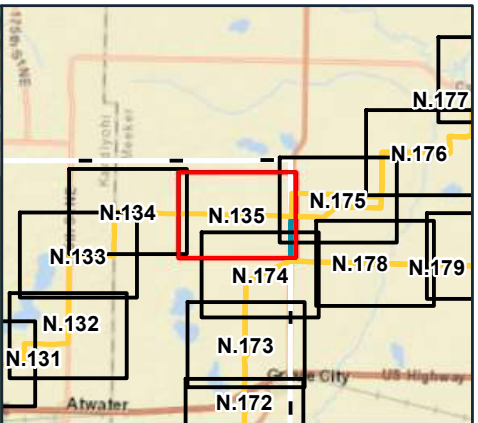
- Route Segment C1 (Purple Route)
- Route Segment (incorporates alternative[s])
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- Gravel Pit
- State Water Trail
- Snowmobile Trail
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- Non-Forested Wetland
- NHD Watercourse
- Native Plant Community
- Floodplains**
- 100-Year Floodplain



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proposed routes.

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- Route Segment C1 (Purple Route)
- Route Segment (incorporates alternative[s])
- Route Connector
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- State Water Trail
- Wild and Scenic Recreational Rivers
- Snowmobile Trail
- PWI Watercourse
- Non-Forested Wetland
- NHD Waterbody
- NHD Watercourse
- Native Plant Community
- Floodplains**
  - 100-Year Floodplain
  - 500-Year Floodplain

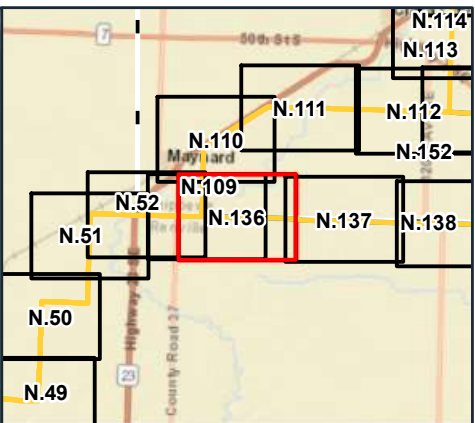
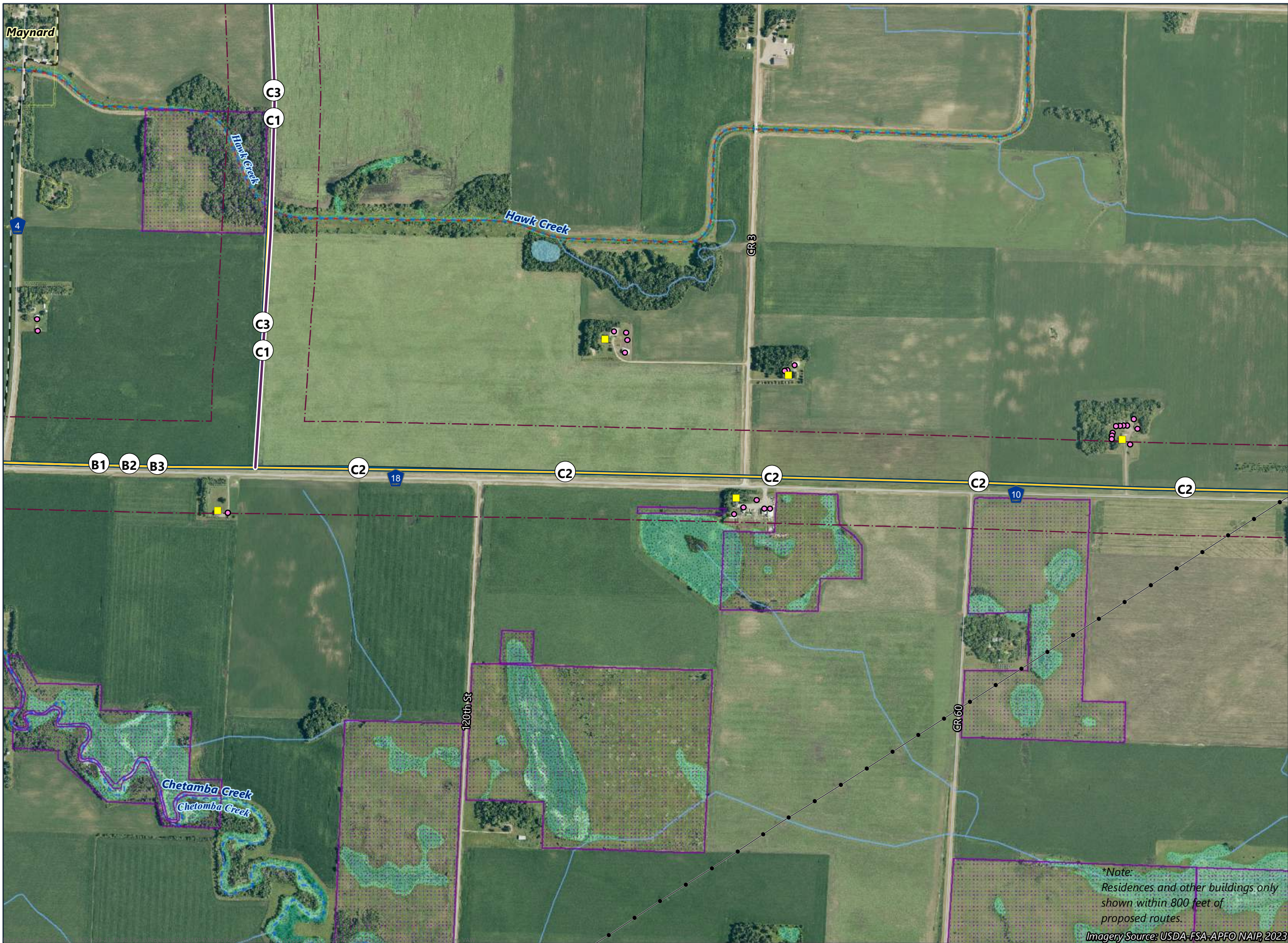


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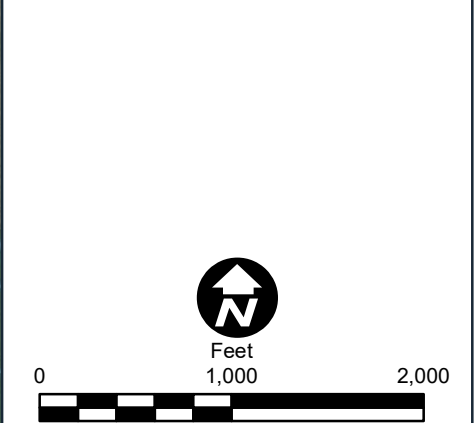
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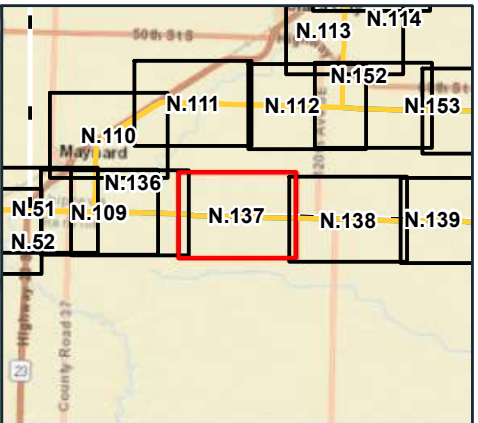
- Route Segment C1 (Purple Route)
- Route Segment (incorporates alternative[s])
- Route Connector
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- Existing Transmission Line
- Municipal Boundary
- State Water Trail
- Wild and Scenic Recreational Rivers
- Snowmobile Trail
- PWI Watercourse
- MPCA Impaired Stream
- Non-Forested Wetland
- Forested Wetland
- NHD Waterbody
- NHD Watercourse
- Native Plant Community
- Conservation Reserve Enhancement Program (CREP) Easement
- Floodplains**
  - 100-Year Floodplain
  - 500-Year Floodplain



\*Note:  
Residences and other buildings only  
shown within 800 feet of  
proposed routes.

Imagery Source: USDA-FSA-APFO NAIR, 2023





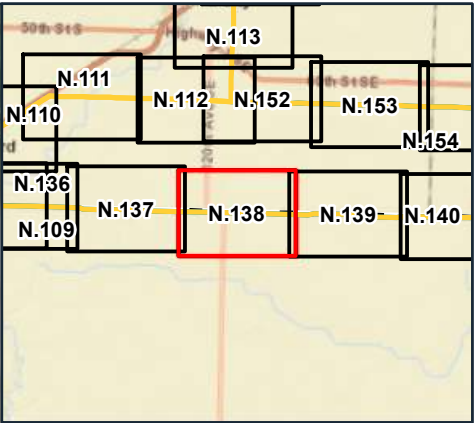
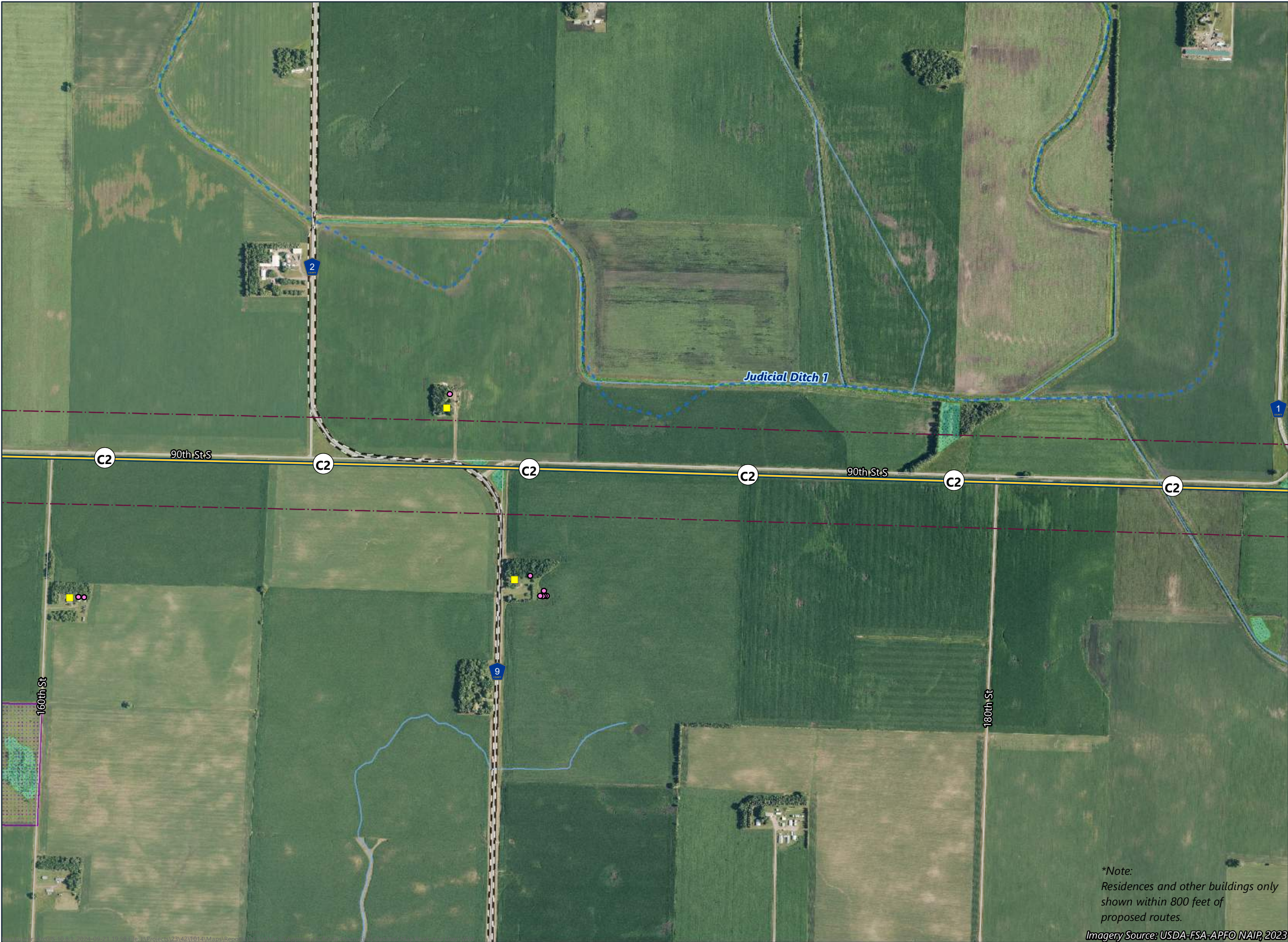
- Route Segment C1 (Purple Route)
- Route Segment (incorporates alternative[s])
- Route Connector
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- Existing Transmission Line
- State Water Trail
- Wild and Scenic Recreational Rivers
- Snowmobile Trail
- PWI Watercourse
- MPCA Impaired Stream
- Non-Forested Wetland
- NHD Waterbody
- NHD Watercourse
- Native Plant Community
- Conservation Reserve Enhancement Program (CREP) Easement
- Reinvest in Minnesota (RIM) Easement
- Floodplains**
  - 100-Year Floodplain
  - 500-Year Floodplain



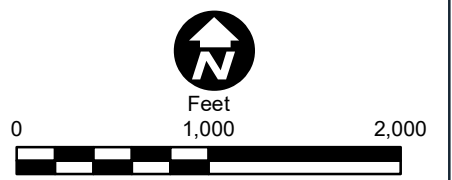
*\*Note:*  
Residences and other buildings only shown within 800 feet of proposed routes.

*Imagery Source: USDA-FSA-APFO NAIR, 2023*





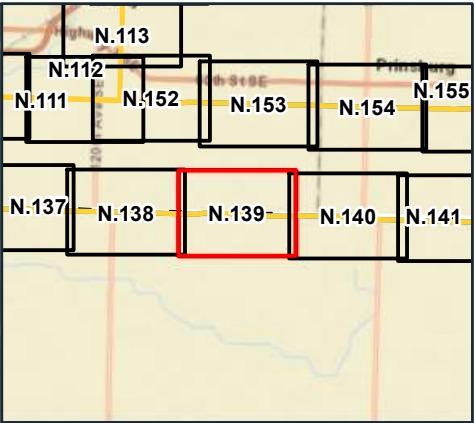
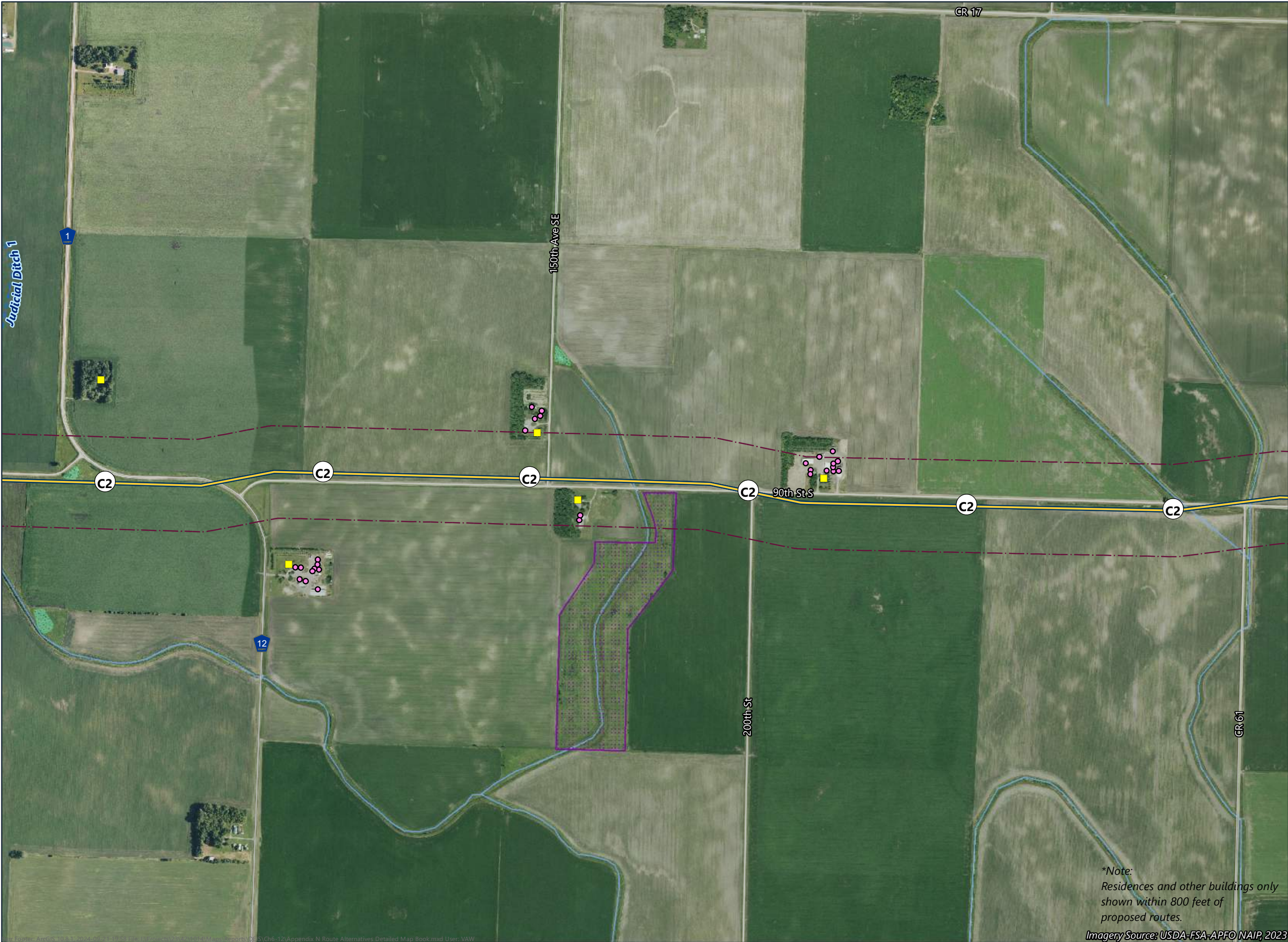
- Route Segment C1 (Purple Route)
- Route Segment (incorporates alternative[s])
- Route Connector
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- State Water Trail
- Wild and Scenic Recreational Rivers
- Snowmobile Trail
- PWI Watercourse
- MPCA Impaired Stream
- Non-Forested Wetland
- NHD Watercourse
- Native Plant Community
- Conservation Reserve Enhancement Program (CREP) Easement
- Floodplains**
  - 100-Year Floodplain
  - 500-Year Floodplain



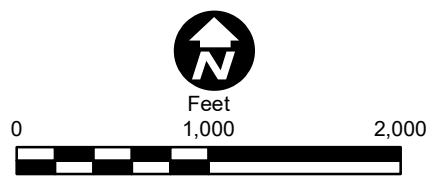
\*Note:  
Residences and other buildings only  
shown within 800 feet of  
proposed routes.

Imagery Source: USDA-FSA-APFO NAIR, 2023





- Route Segment C1 (Purple Route)
- Route Segment (incorporates alternative[s])
- Route Connector
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- State Water Trail
- Wild and Scenic Recreational Rivers
- Snowmobile Trail
- PWI Watercourse
- Non-Forested Wetland
- NHD Watercourse
- Native Plant Community
- Conservation Reserve Enhancement Program (CREP) Easement
- Floodplains**
  - 100-Year Floodplain
  - 500-Year Floodplain



*\*Note:  
Residences and other buildings only  
shown within 800 feet of  
proposed routes.*

*Imagery Source: USDA-FSA-APFO NAIP, 2023*

**ROUTE ALTERNATIVES  
DETAILED MAP BOOK**  
Minnesota Energy  
Connection Project