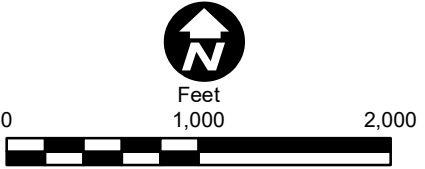


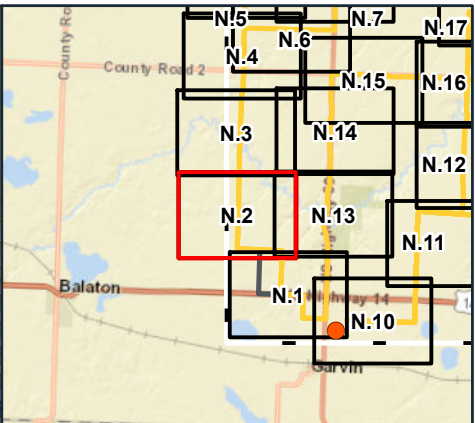
- Route Segment A1 (Purple Route)
- Route Segment A3 (Blue Route)
- Route Segment (incorporates alternative[s])
- Refinement
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- Existing Transmission Line
- Proposed Substation
- State Water Trail
- Snowmobile Trail
- PWI Watercourse
- MPCA Impaired Stream
- Non-Forested Wetland
- NHD Waterbody
- NHD Watercourse
- Wildlife Management Area
- 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



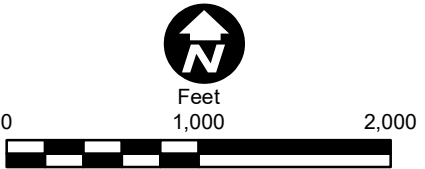
\*Note: Residences and other buildings only shown within 800 feet of proposed routes.

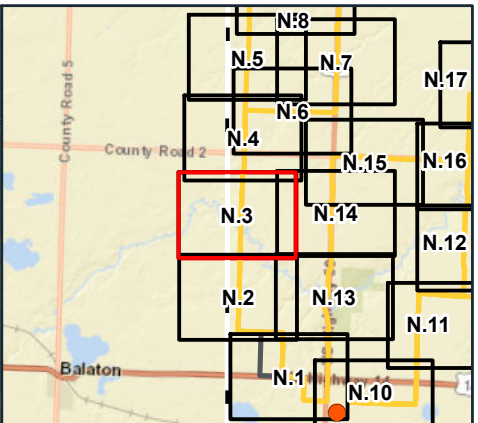
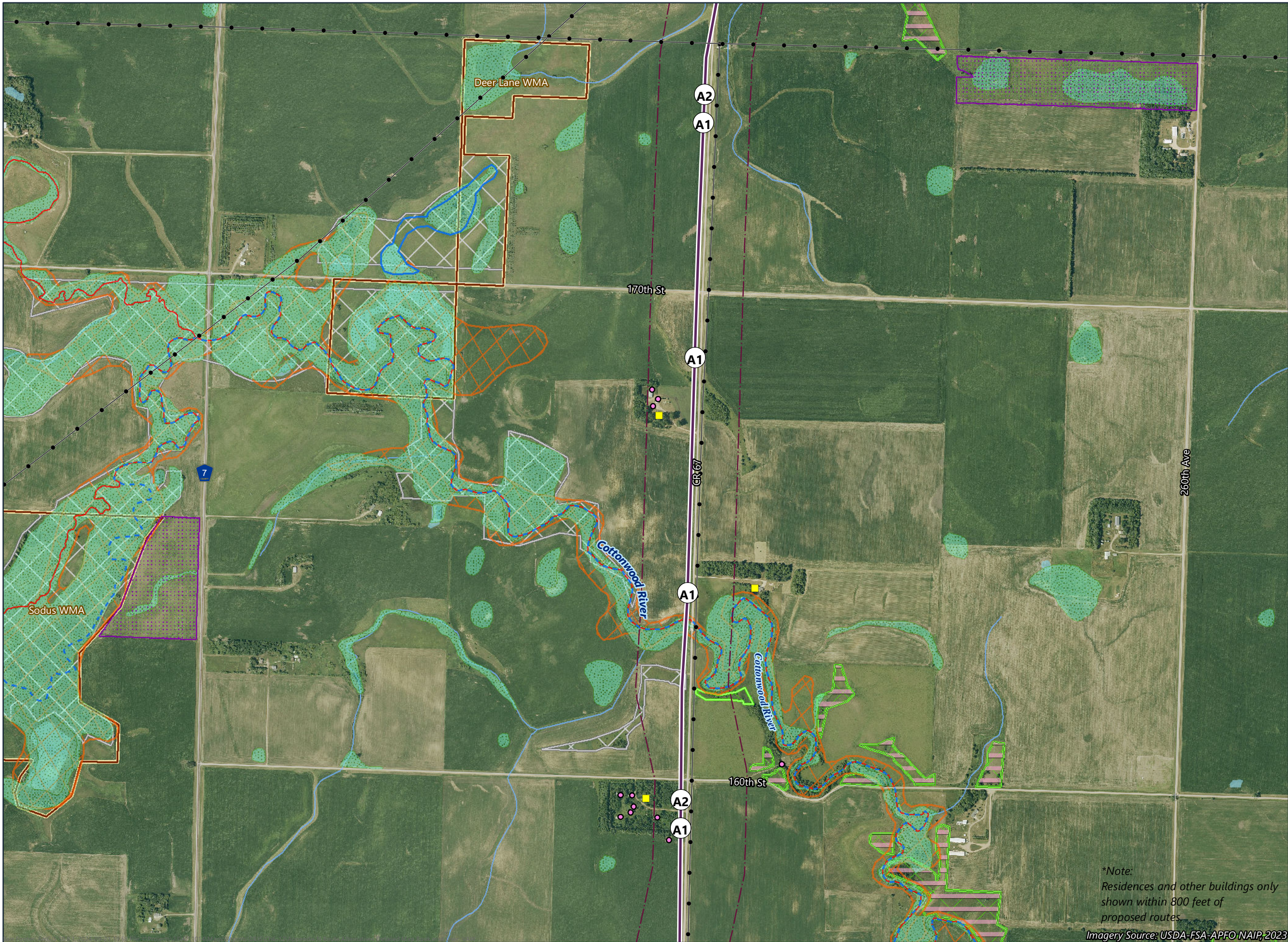
Imagery Source: USDA-FSA-APFO NAIP, 2023

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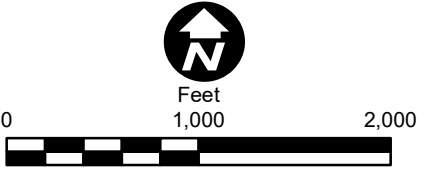


- Route Segment A1 (Purple Route)
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  - High Significance
  - Moderate Significance



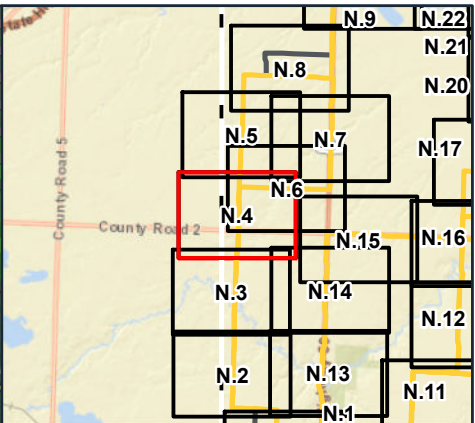
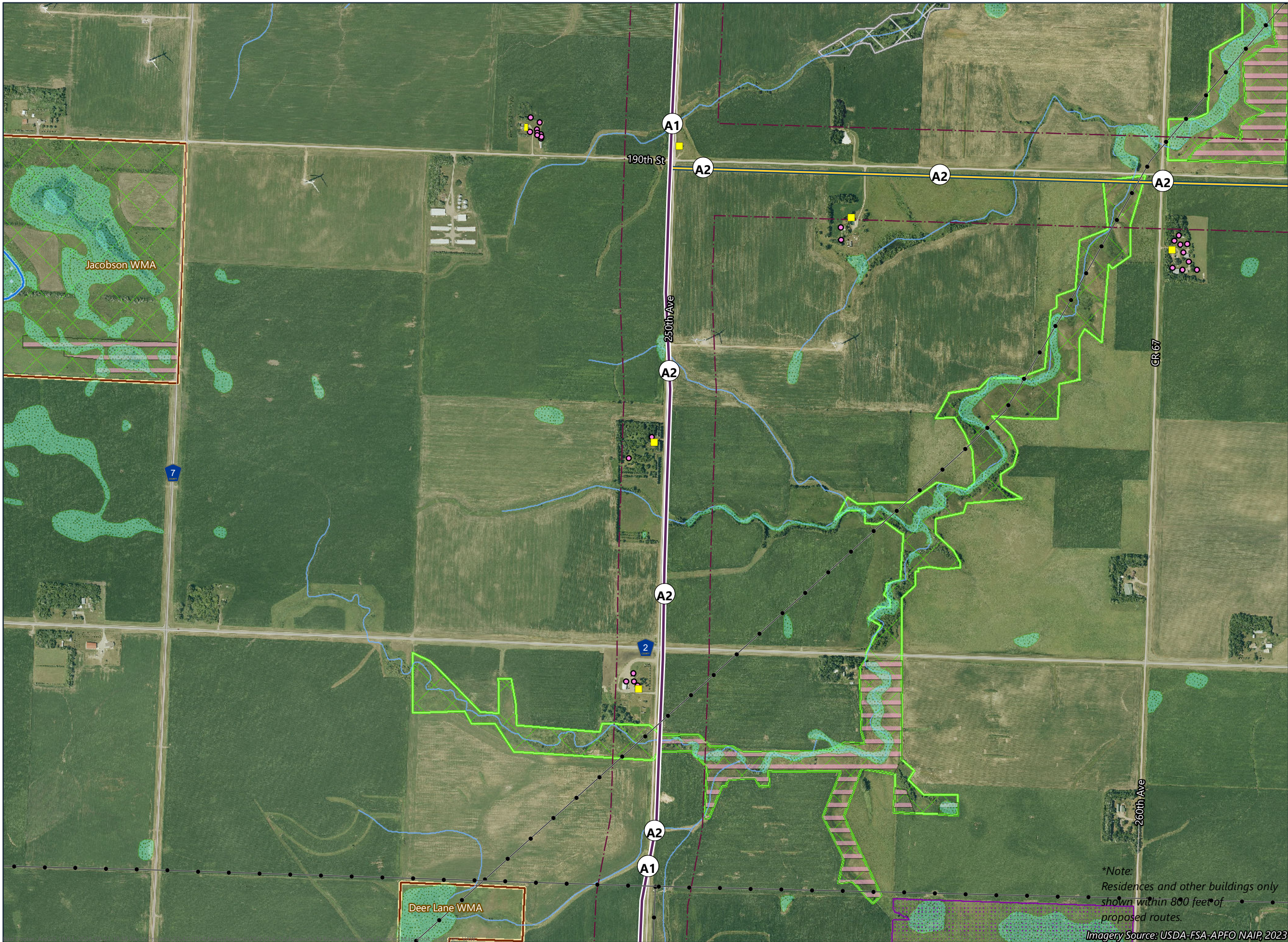


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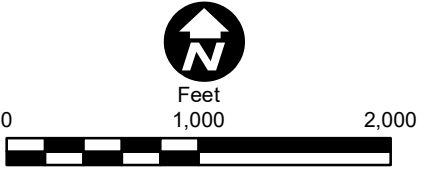
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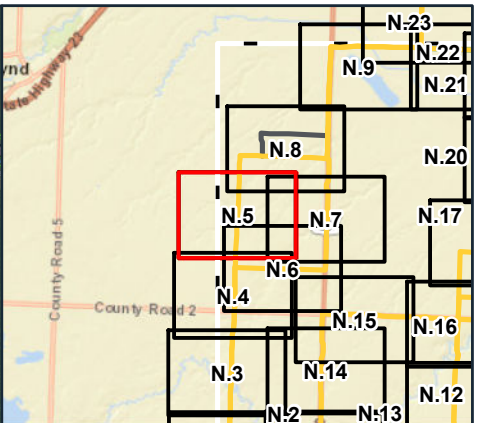
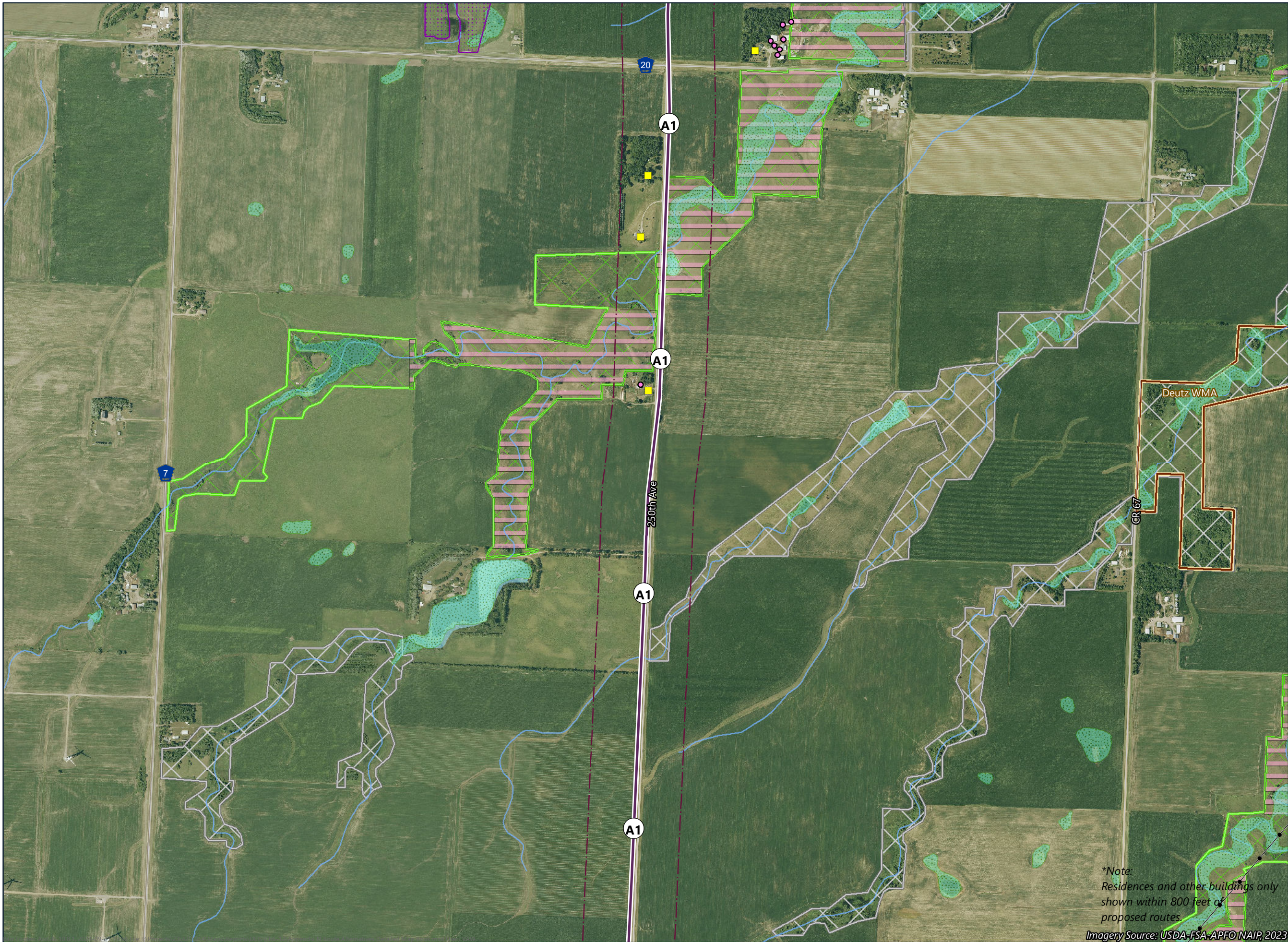


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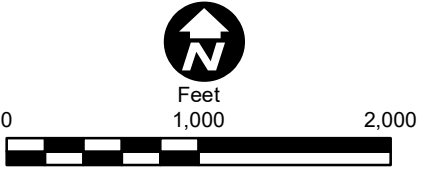
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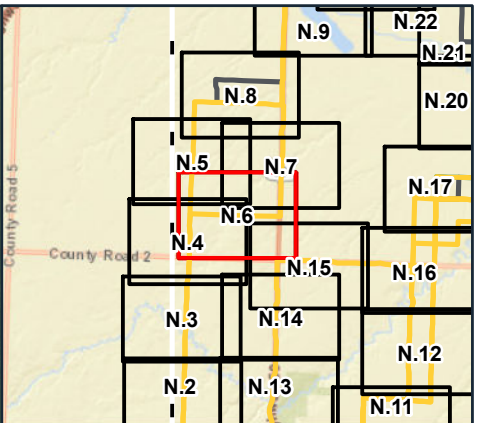
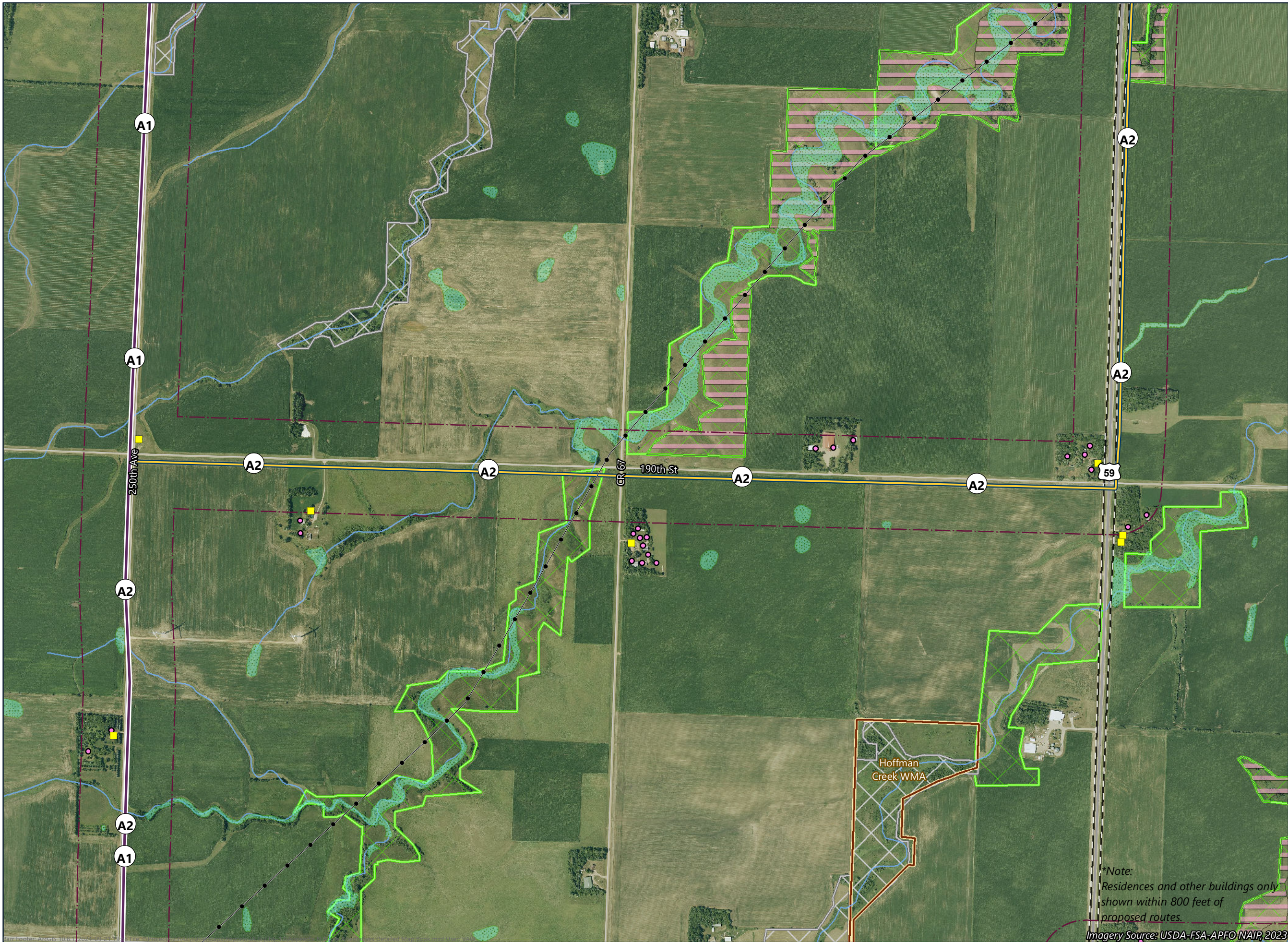


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- Route Segment (incorporates alternative[s])
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- Existing Transmission Line
- State Water Trail
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- NHD Watercourse
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- Floodplains**
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  - 500-Year Floodplain
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  - Moderate Significance
  - Below Minimum Significance

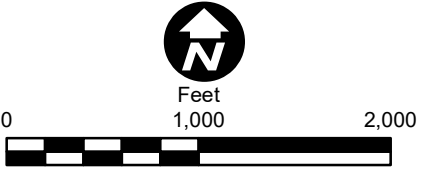


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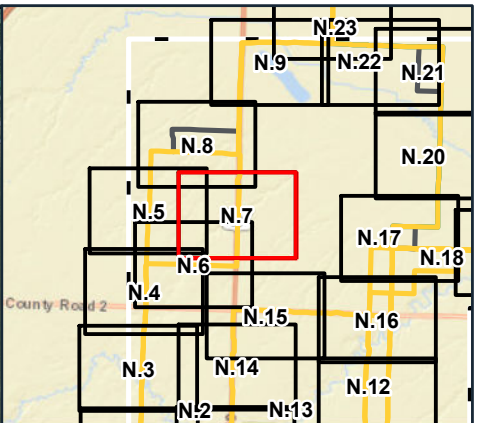
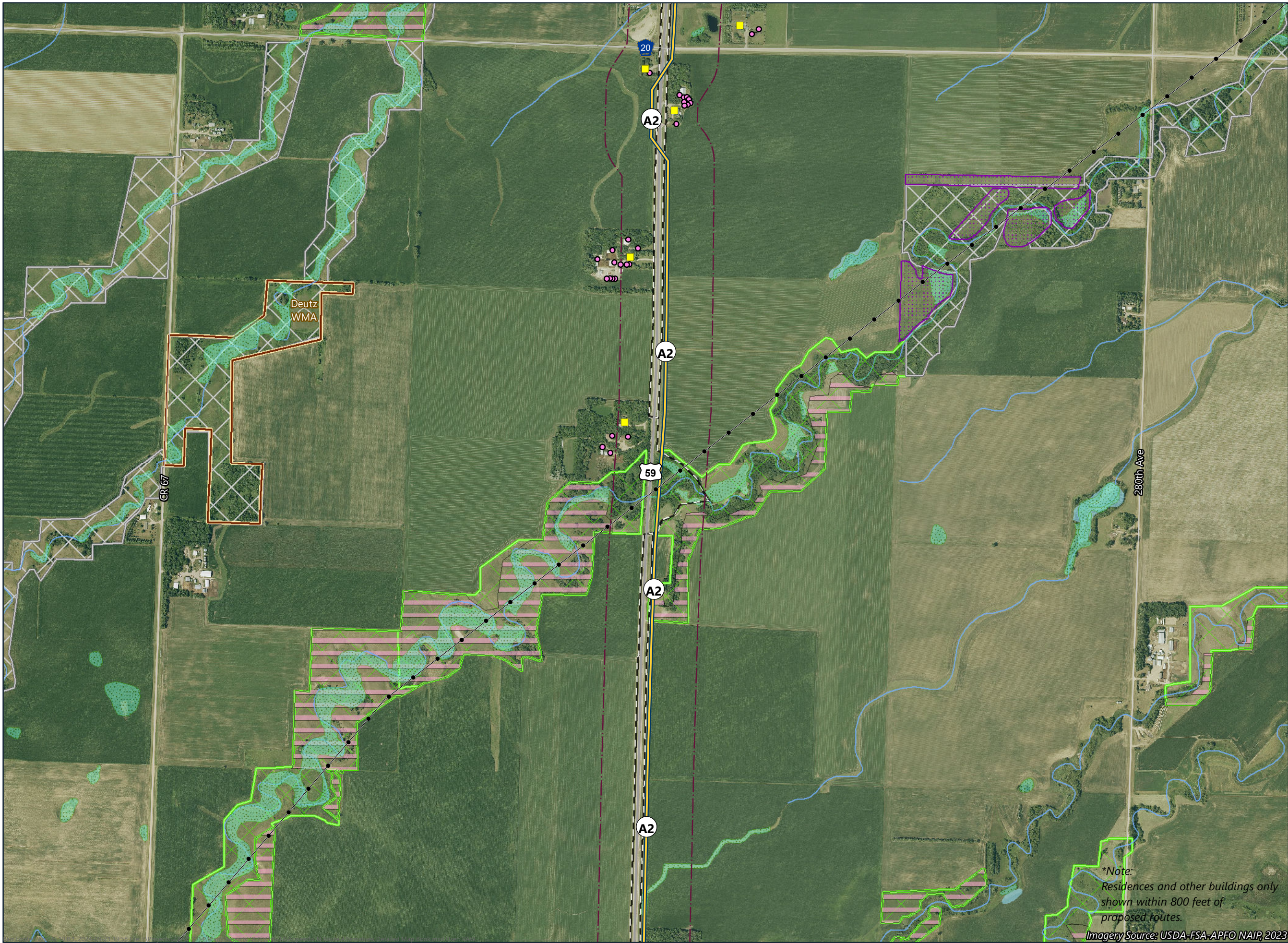


- Route Segment A1 (Purple Route)
- Route Segment A3 (Blue Route)
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- Route Width
- Residence Location\*
- Non-Residential Structure\*
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- NHD Watercourse
- Native Plant Community
- Floodplains**
  - 100-Year Floodplain
  - 500-Year Floodplain
- Site of Biodiversity Significance**
  - Moderate Significance
  - Below Minimum Significance

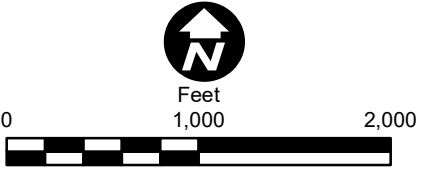


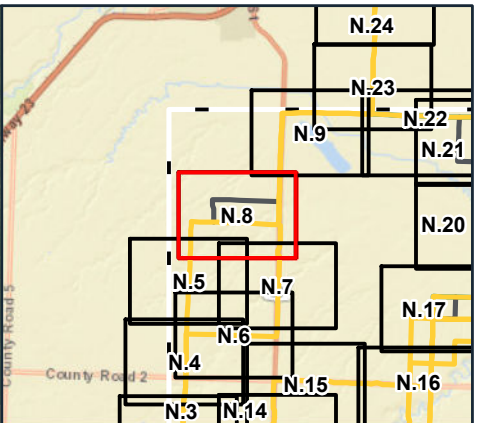
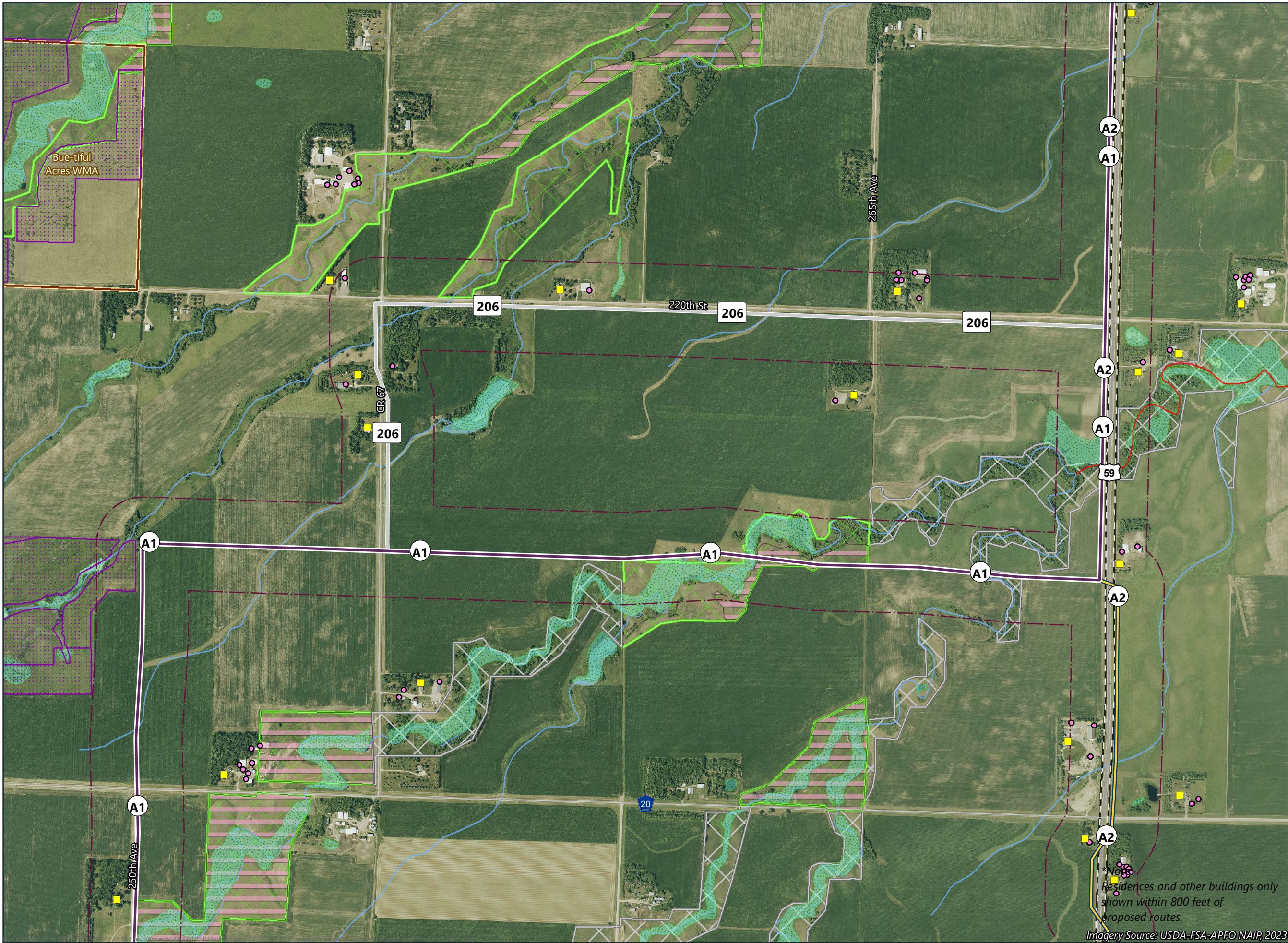
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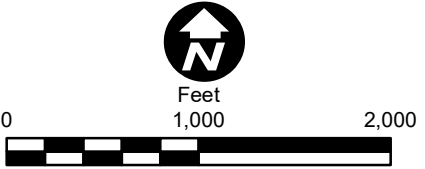


- Route Segment A1 (Purple Route)
- Route Segment A3 (Blue Route)
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- Route Width
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- Non-Residential Structure\*
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- Floodplains**
  - 100-Year Floodplain
  - 500-Year Floodplain
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  - Moderate Significance
  - Below Minimum Significance



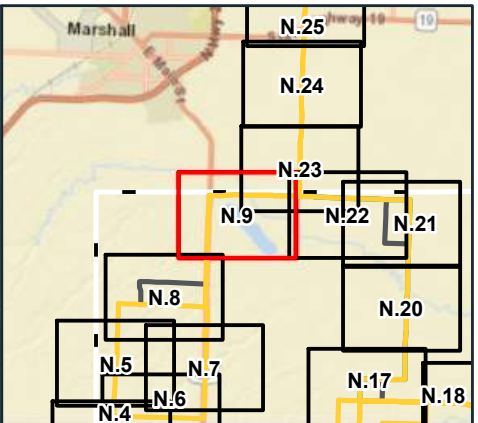
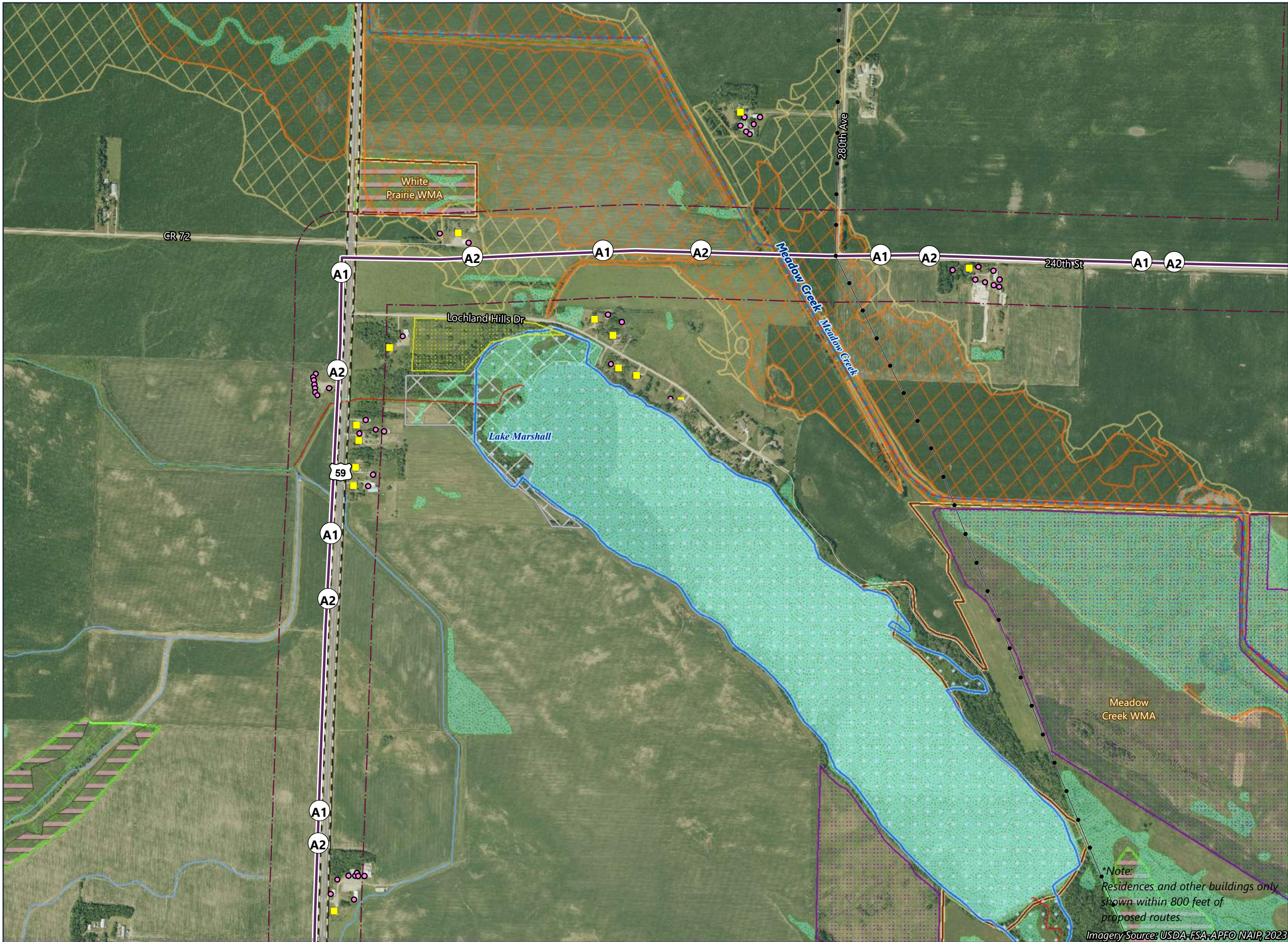


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- Route Segment (incorporates alternative[s])
- Refinement
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- State Water Trail
- Snowmobile Trail
- PWI Waterbody
- PWI Watercourse
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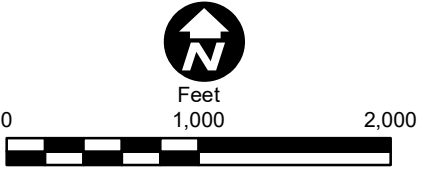


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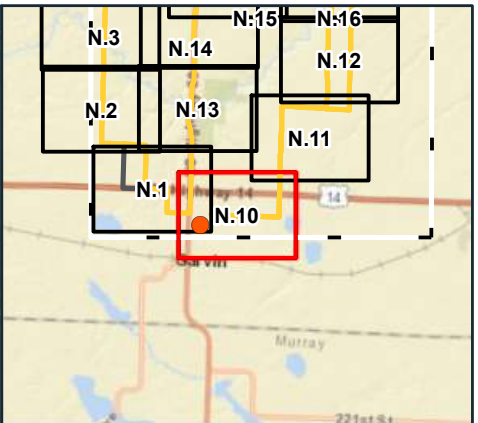
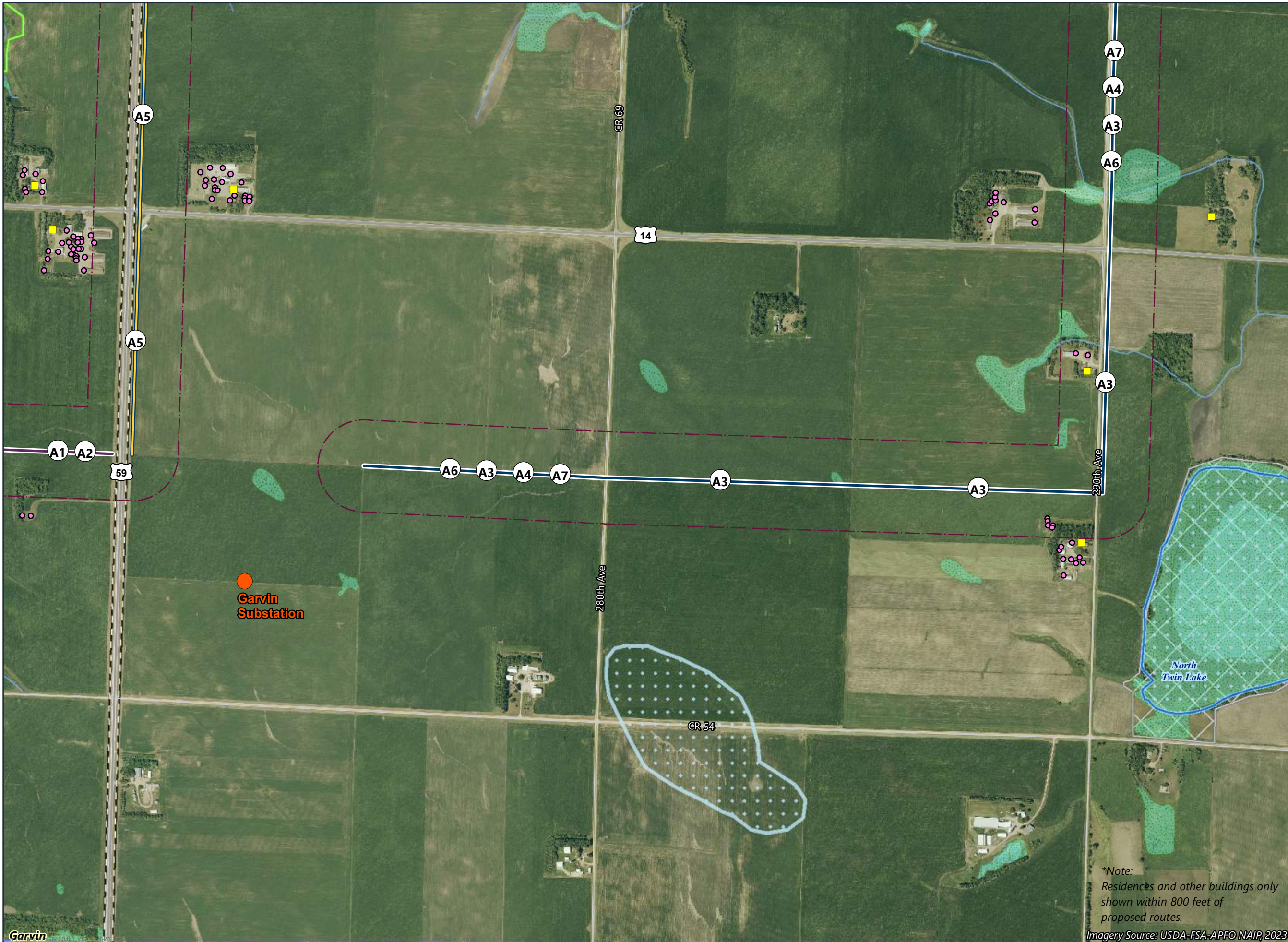
- Route Segment A1 (Purple Route)
- Route Segment (incorporates alternative[s])
- Route Width
- Residence Location\*
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- Existing Transmission Line
- State Water Trail
- Snowmobile Trail
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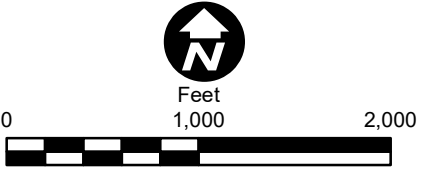
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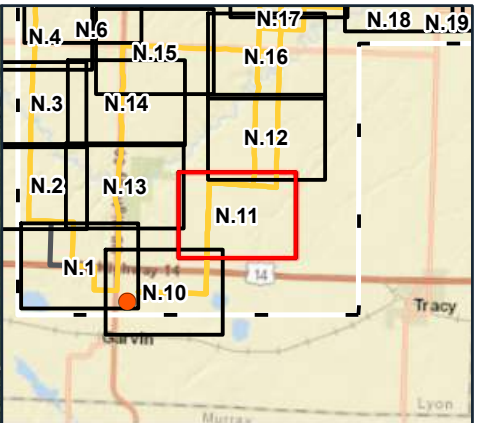
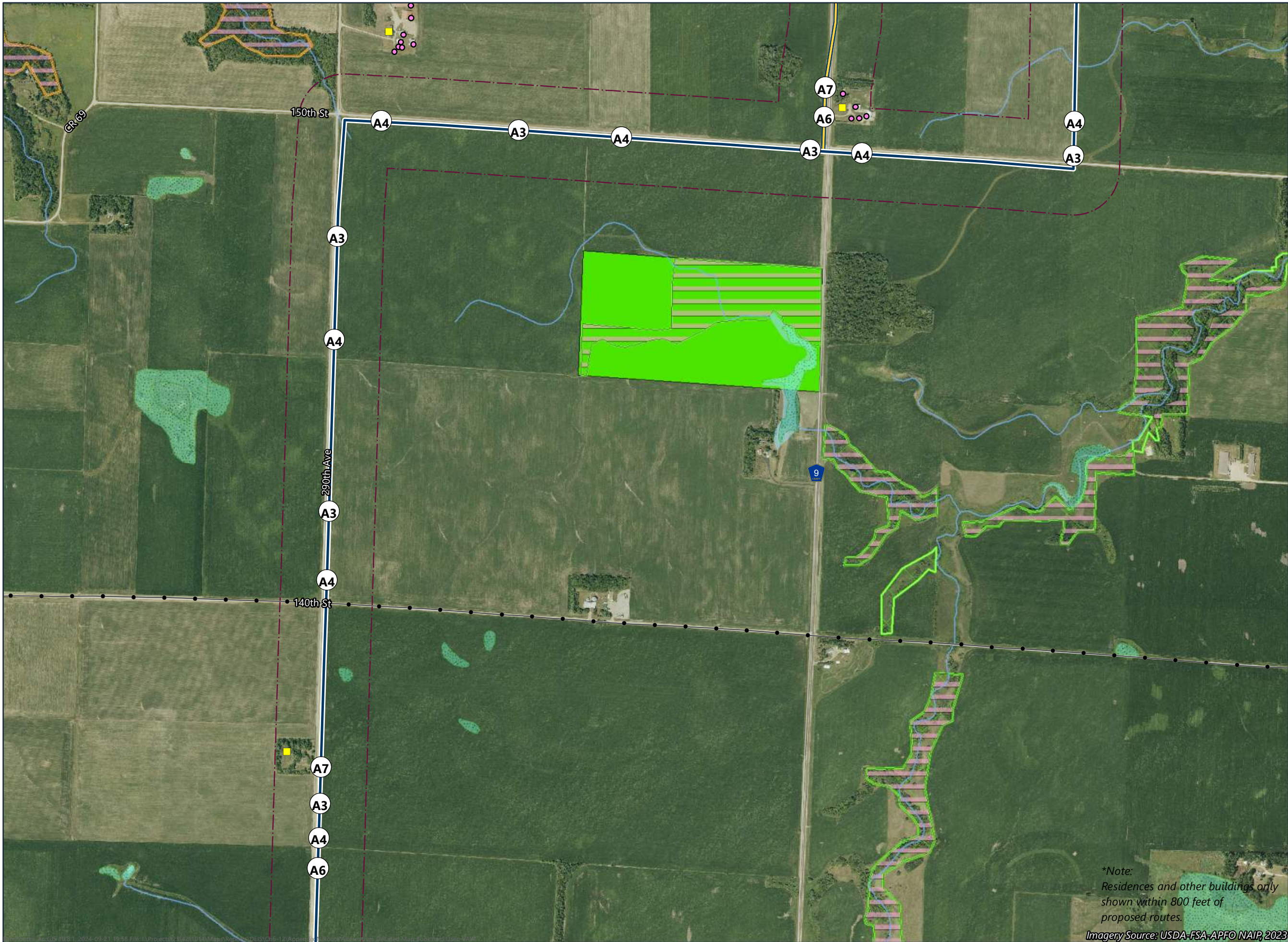


- Route Segment A1 (Purple Route)
- Route Segment A3 (Blue Route)
- Route Segment (incorporates alternative[s])
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- Proposed Substation
- Municipal Boundary
- State Water Trail
- Snowmobile Trail
- PWI Waterbody
- PWI Watercourse
- MPCA Impaired Stream
- Shallow Wildlife Lake
- Non-Forested Wetland
- NHD Waterbody
- NHD Watercourse
- Native Plant Community
- Floodplains**
  - 100-Year Floodplain
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  - Moderate Significance
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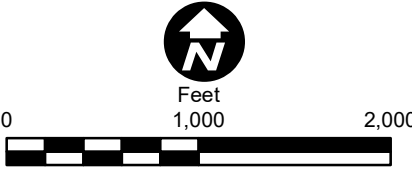


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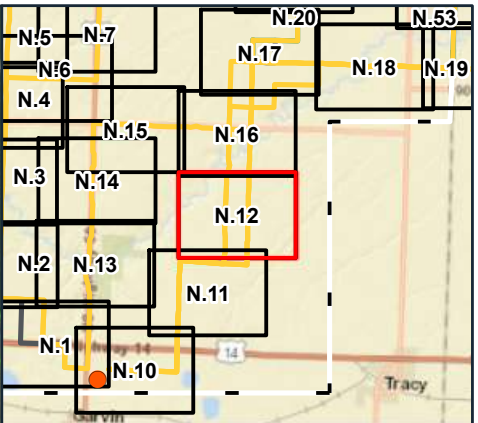
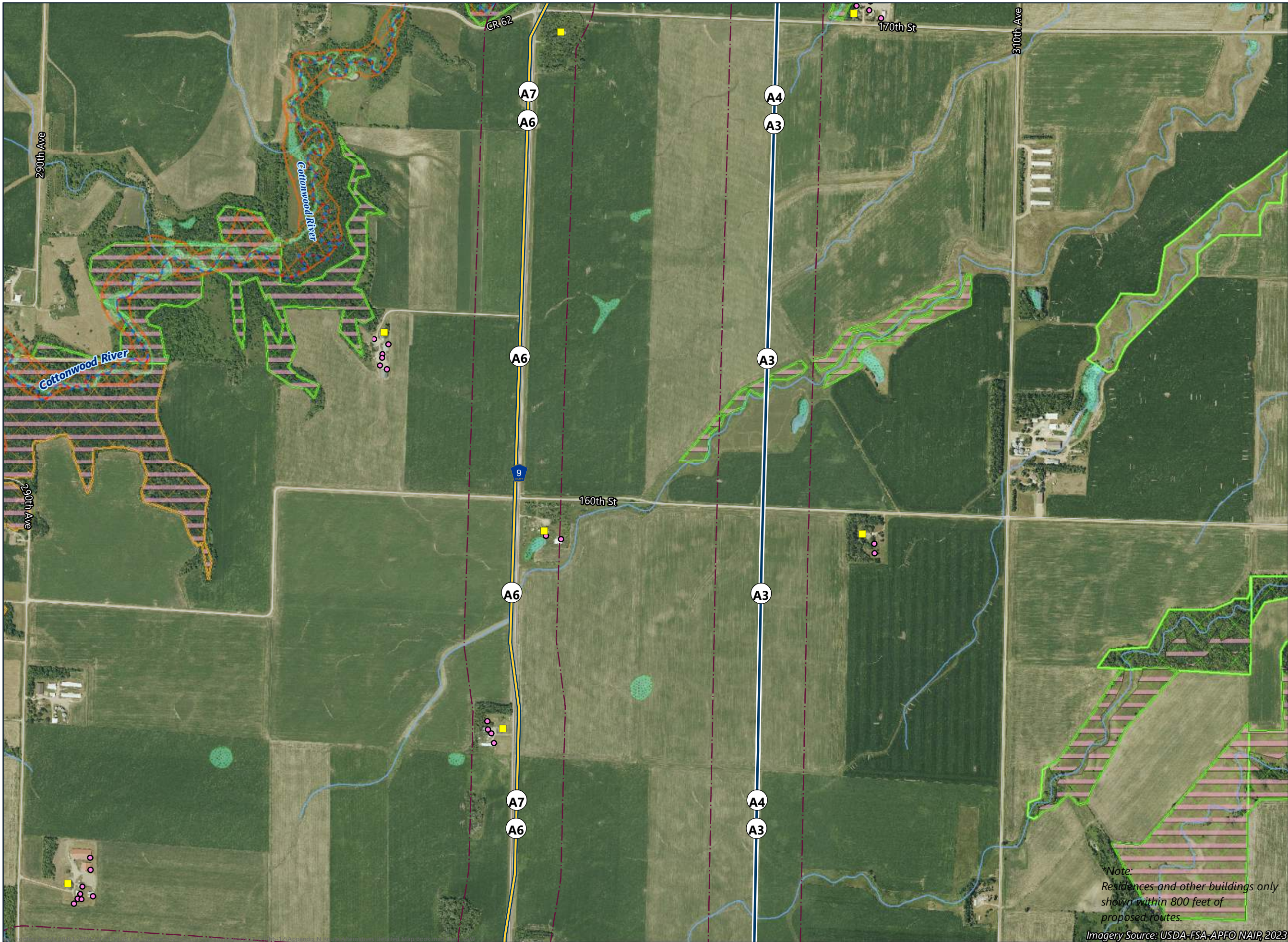
- Route Segment A1 (Purple Route)
- Route Segment A3 (Blue Route)
- Route Segment (incorporates alternative[s])
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- Residence Location\*
- Non-Residential Structure\*
- Existing Transmission Line
- State Water Trail
- Snowmobile Trail
- PWI Watercourse
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- Non-Forested Wetland
- NHD Watercourse
- Native Plant Community
- Scientific and Natural Area Boundaries
- Floodplains**
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  - 500-Year Floodplain
- Site of Biodiversity Significance**
  - High Significance
  - Moderate Significance



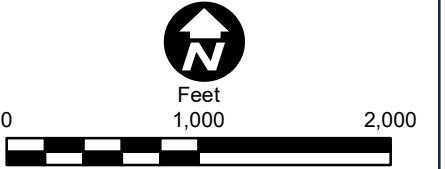
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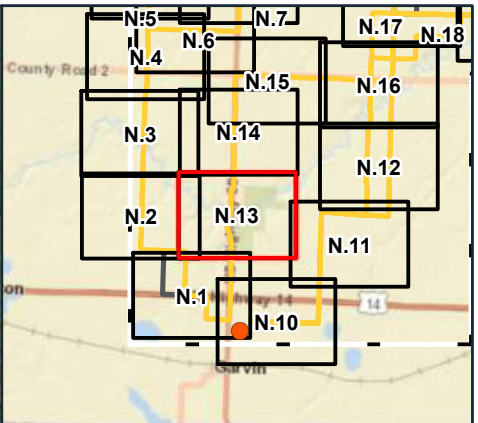
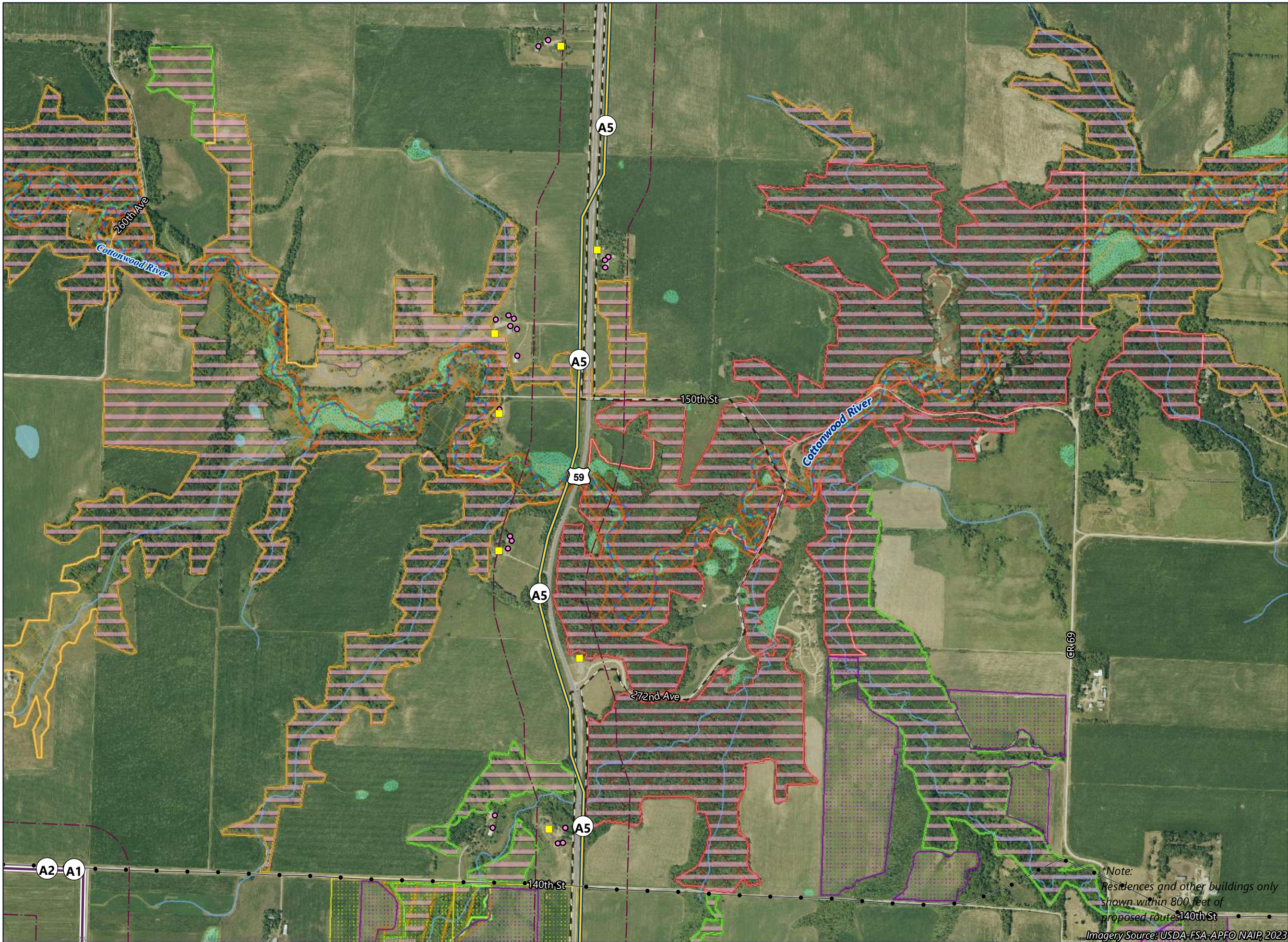


- Route Segment A1 (Purple Route)
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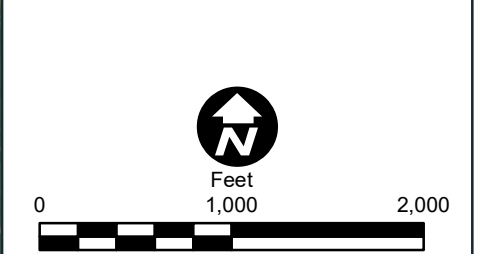


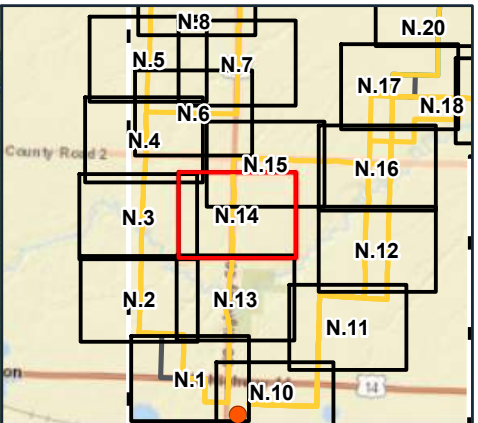
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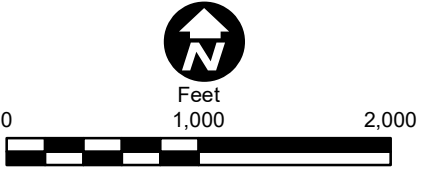


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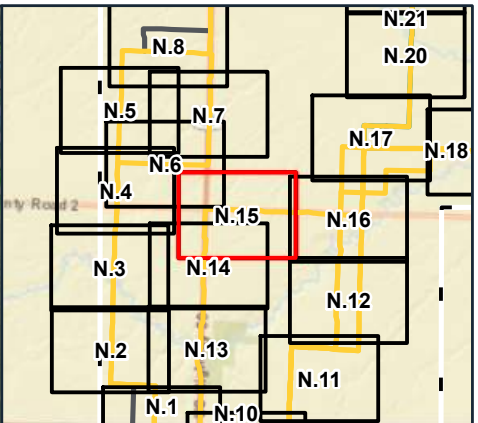
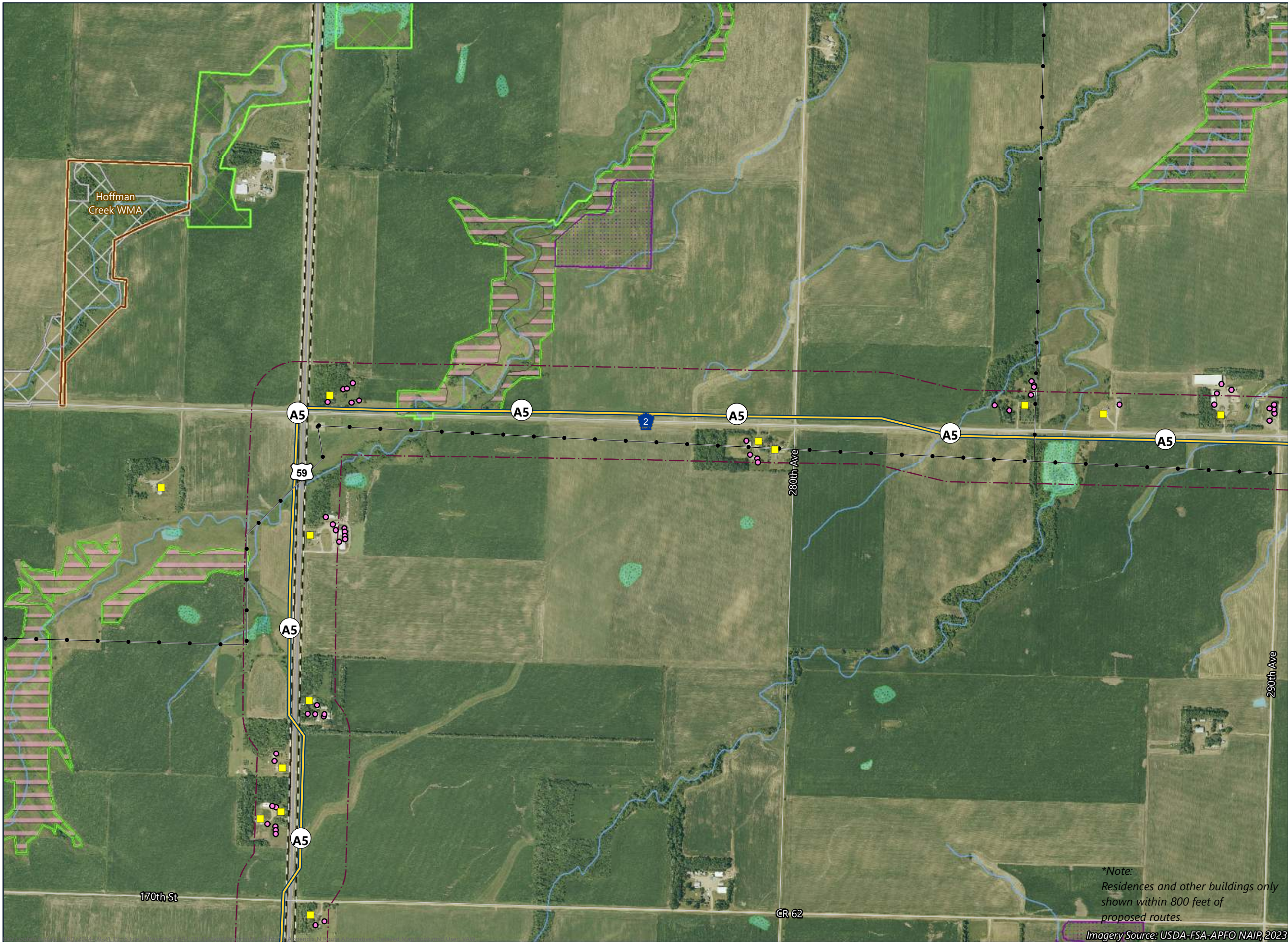


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- Route Segment A3 (Blue Route)
- Route Segment (incorporates alternative[s])
- Route Width
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- Non-Residential Structure\*
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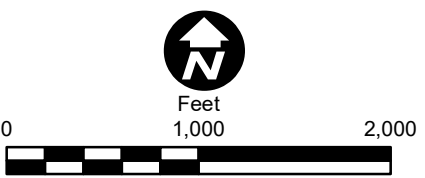


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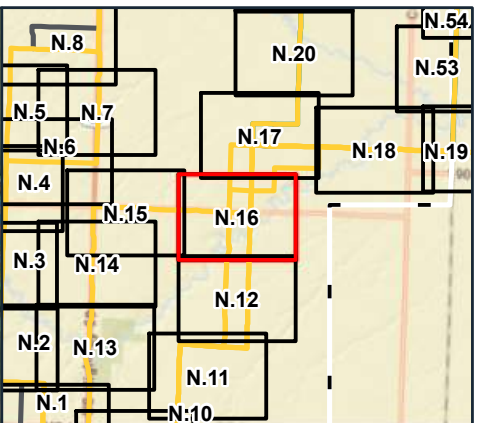
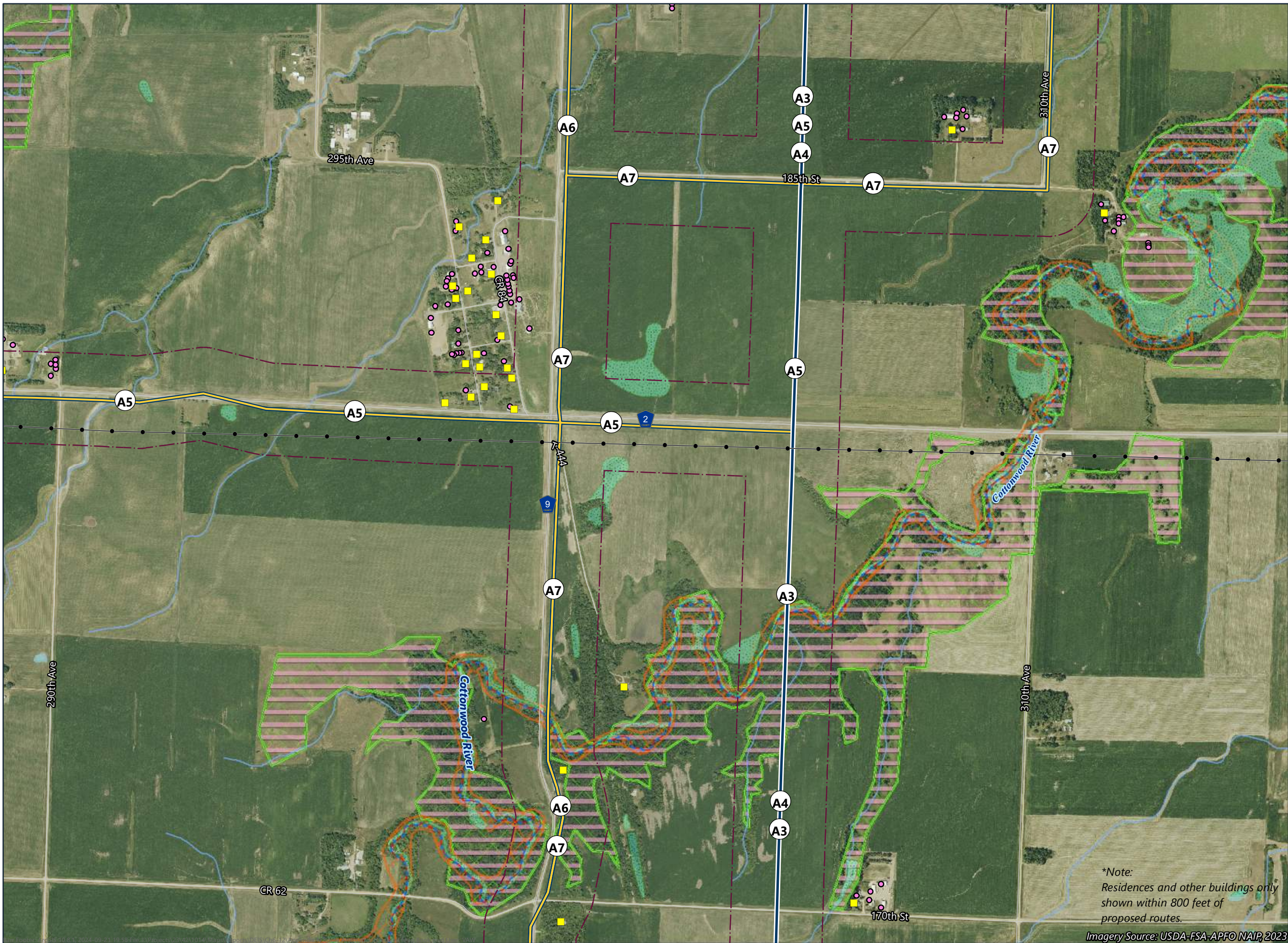
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- Route Segment A3 (Blue Route)
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- Residence Location\*
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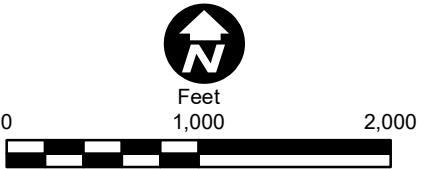
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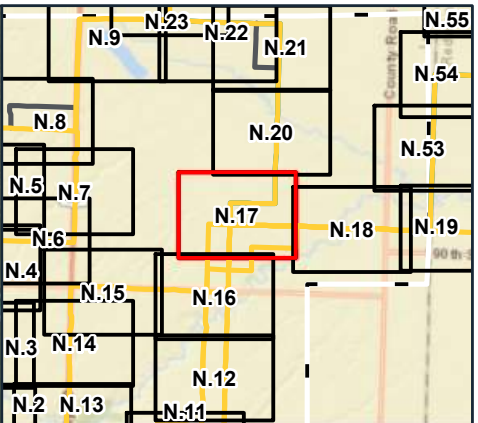
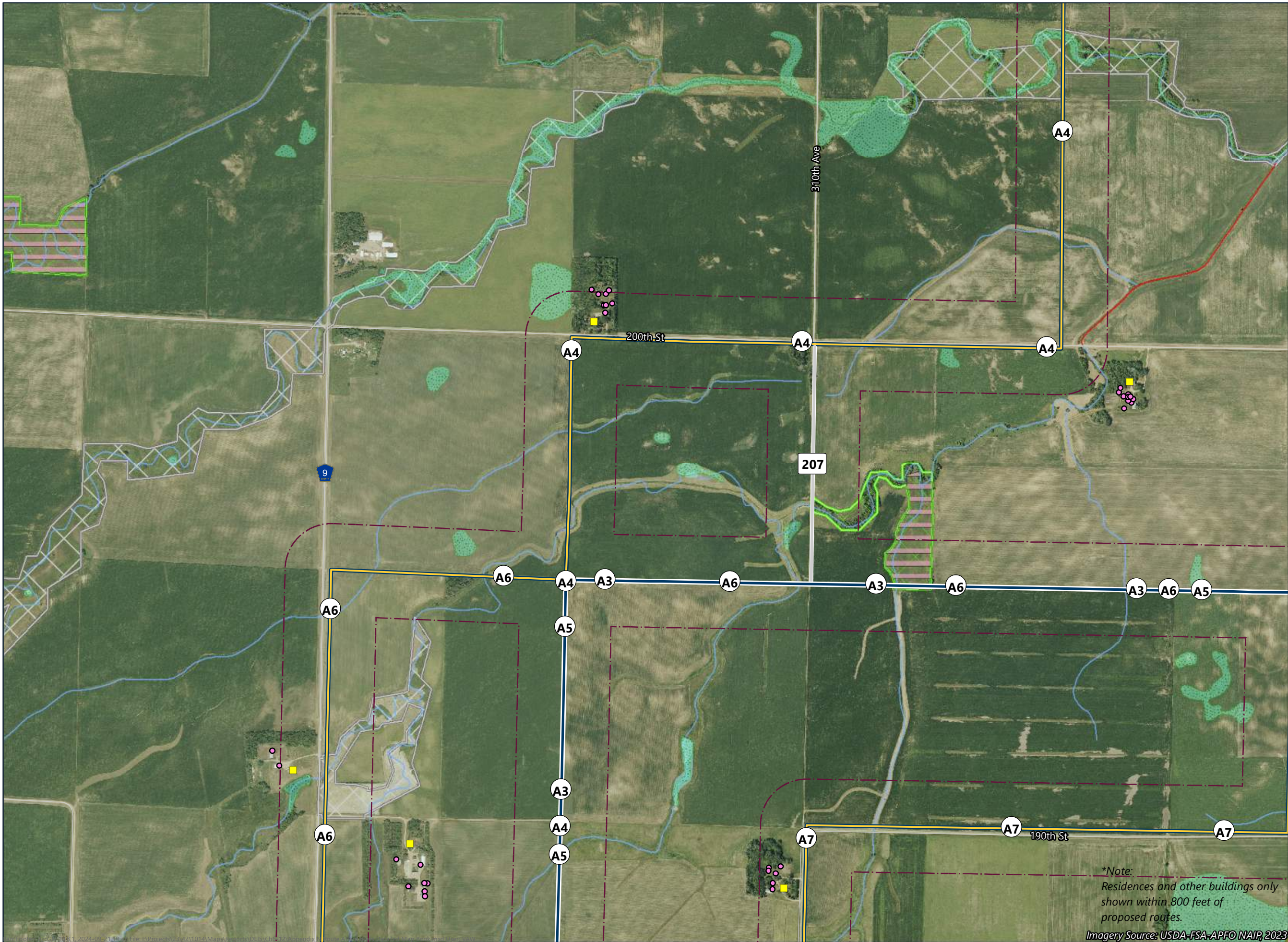
- Route Segment A1 (Purple Route)
- Route Segment A3 (Blue Route)
- Route Segment (incorporates alternative[s])
- Route Width
- Residence Location\*
- Non-Residential Structure\*
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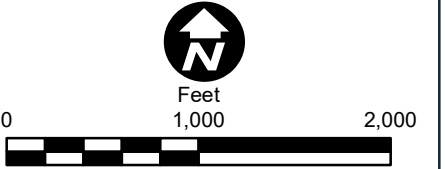
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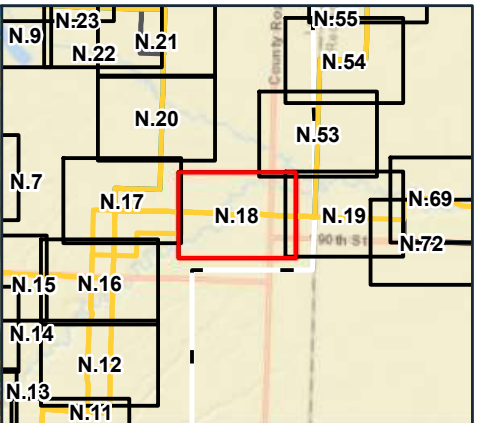
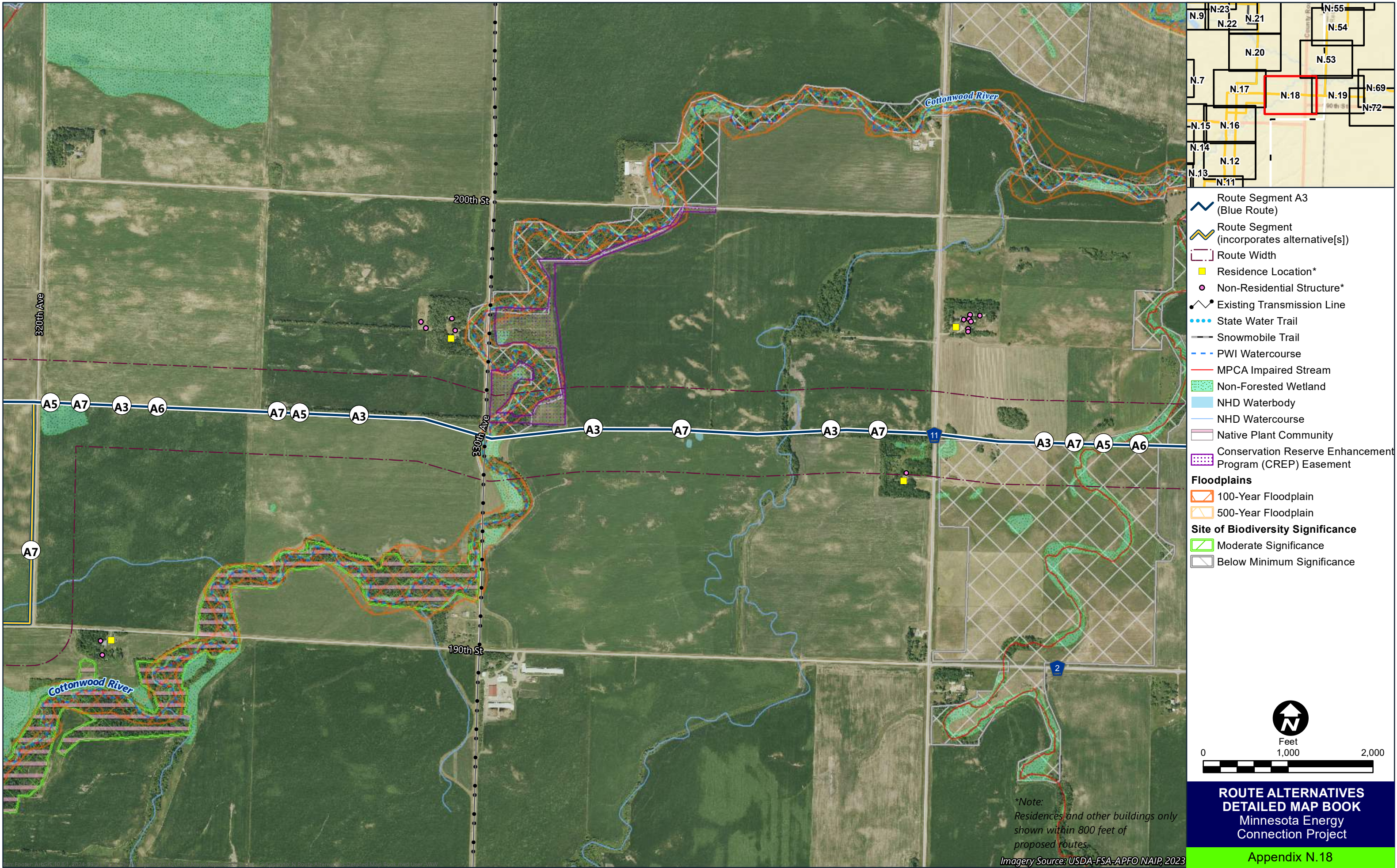


- Route Segment A3 (Blue Route)
- Route Segment (incorporates alternative[s])
- Refinement
- Route Connector
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- State Water Trail
- Snowmobile Trail
- PWI Watercourse
- MPCA Impaired Stream
- Non-Forested Wetland
- NHD Waterbody
- NHD Watercourse
- Native Plant Community
- Floodplains**
  - 100-Year Floodplain
  - 500-Year Floodplain
- Site of Biodiversity Significance**
  - Moderate Significance
  - Below Minimum Significance

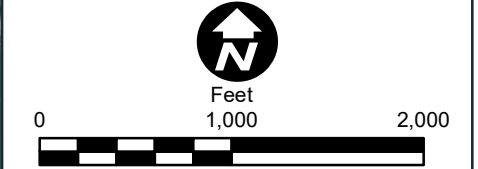


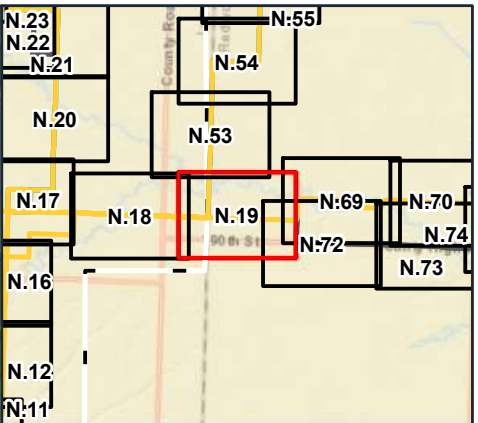
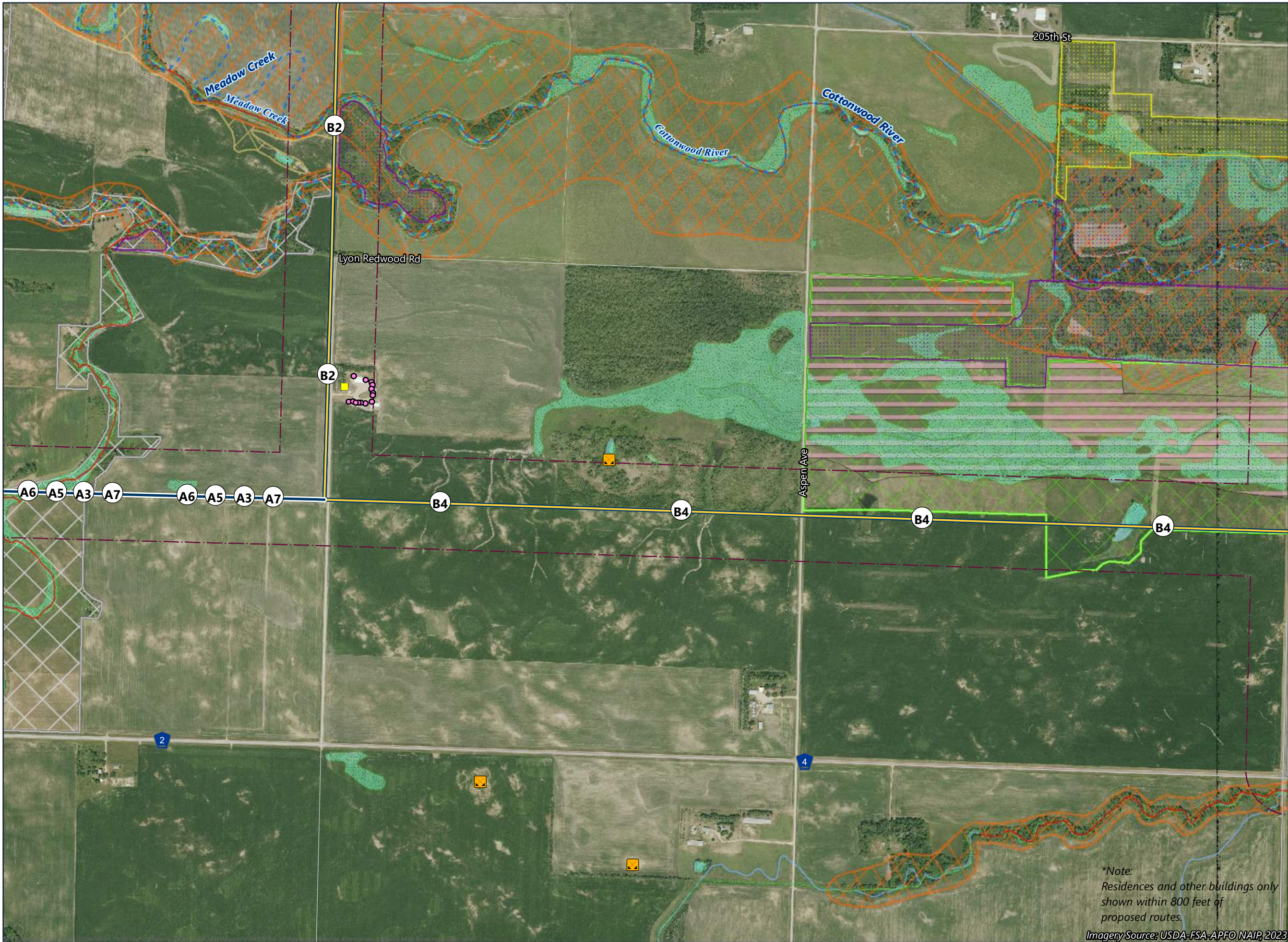
*\*Note:*  
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proposed routes.

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

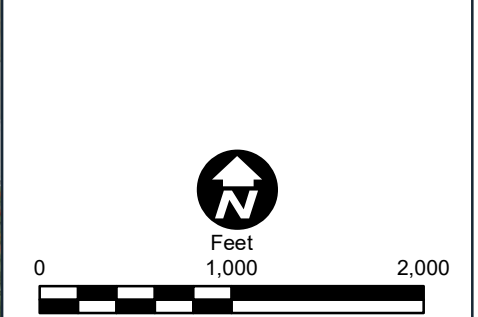


- Route Segment A3 (Blue Route)
- Route Segment (incorporates alternative[s])
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- Existing Transmission Line
- State Water Trail
- Snowmobile Trail
- PWI Watercourse
- MPCA Impaired Stream
- Non-Forested Wetland
- NHD Waterbody
- NHD Watercourse
- Native Plant Community
- Conservation Reserve Enhancement Program (CREP) Easement
- Floodplains**
- 100-Year Floodplain
  - 500-Year Floodplain
- Site of Biodiversity Significance**
- Moderate Significance
  - Below Minimum Significance





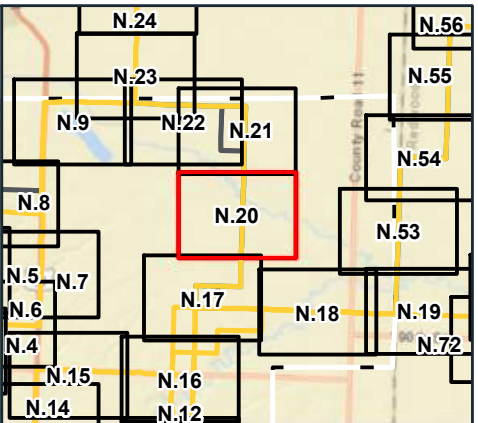
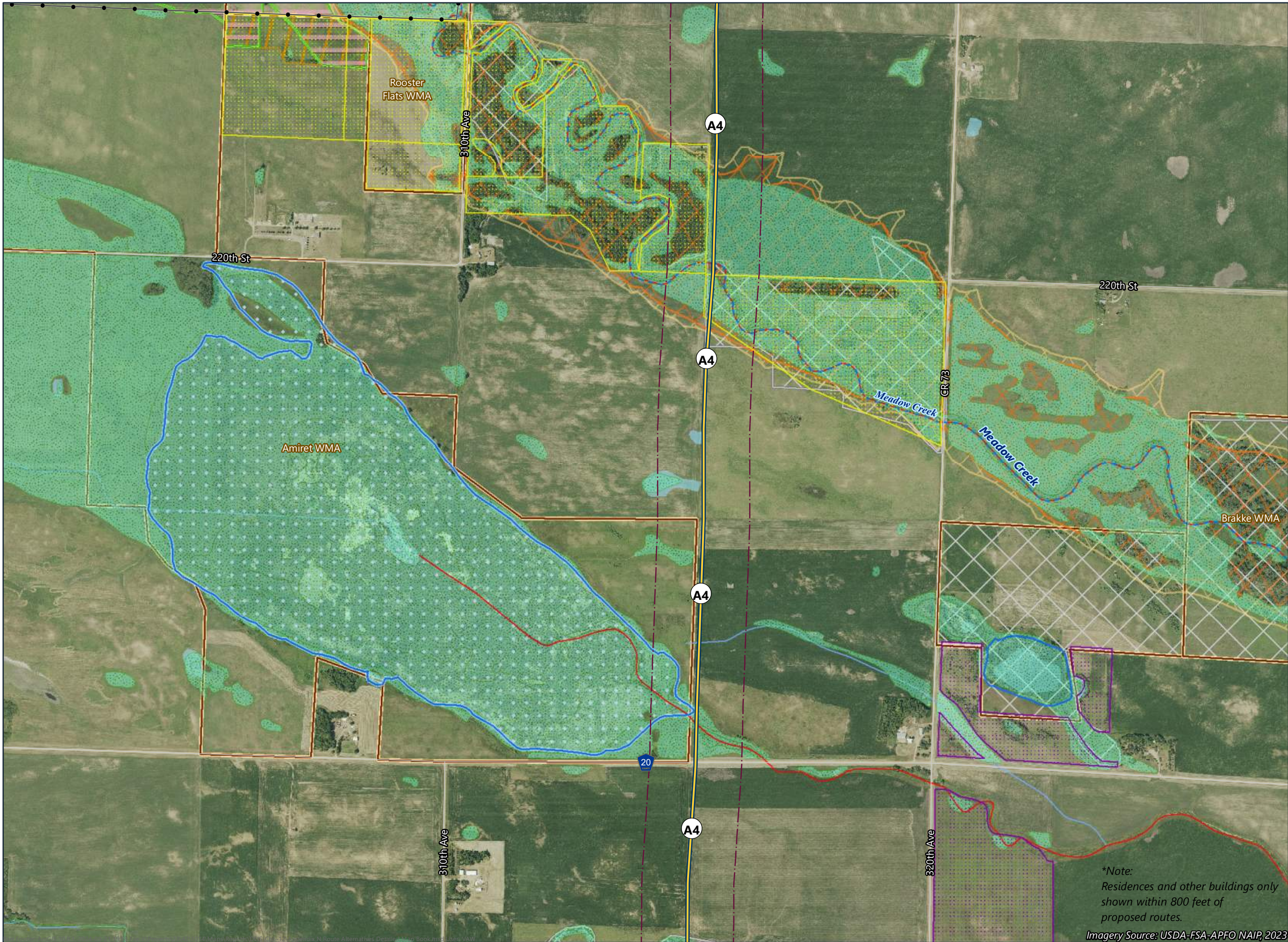
- Route Segment A3 (Blue Route)
- Route Segment (incorporates alternative[s])
- Refinement
- Route Connector
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- Gravel Pit
- State Water Trail
- Snowmobile Trail
- PWI Watercourse
- MPCA Impaired Stream
- Non-Forested Wetland
- NHD Waterbody
- NHD Watercourse
- Native Plant Community
- Conservation Reserve Enhancement Program (CREP) Easement
- Reinvest in Minnesota (RIM) Easement
- Floodplains**
  - 100-Year Floodplain
  - 500-Year Floodplain
- Site of Biodiversity Significance**
  - Moderate Significance
  - Below Minimum Significance



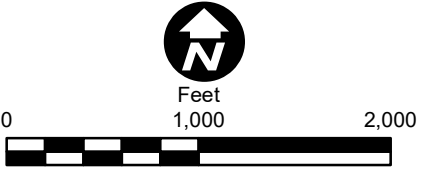
\*Note:  
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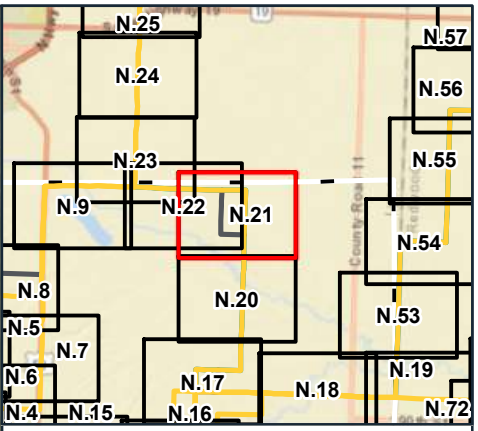
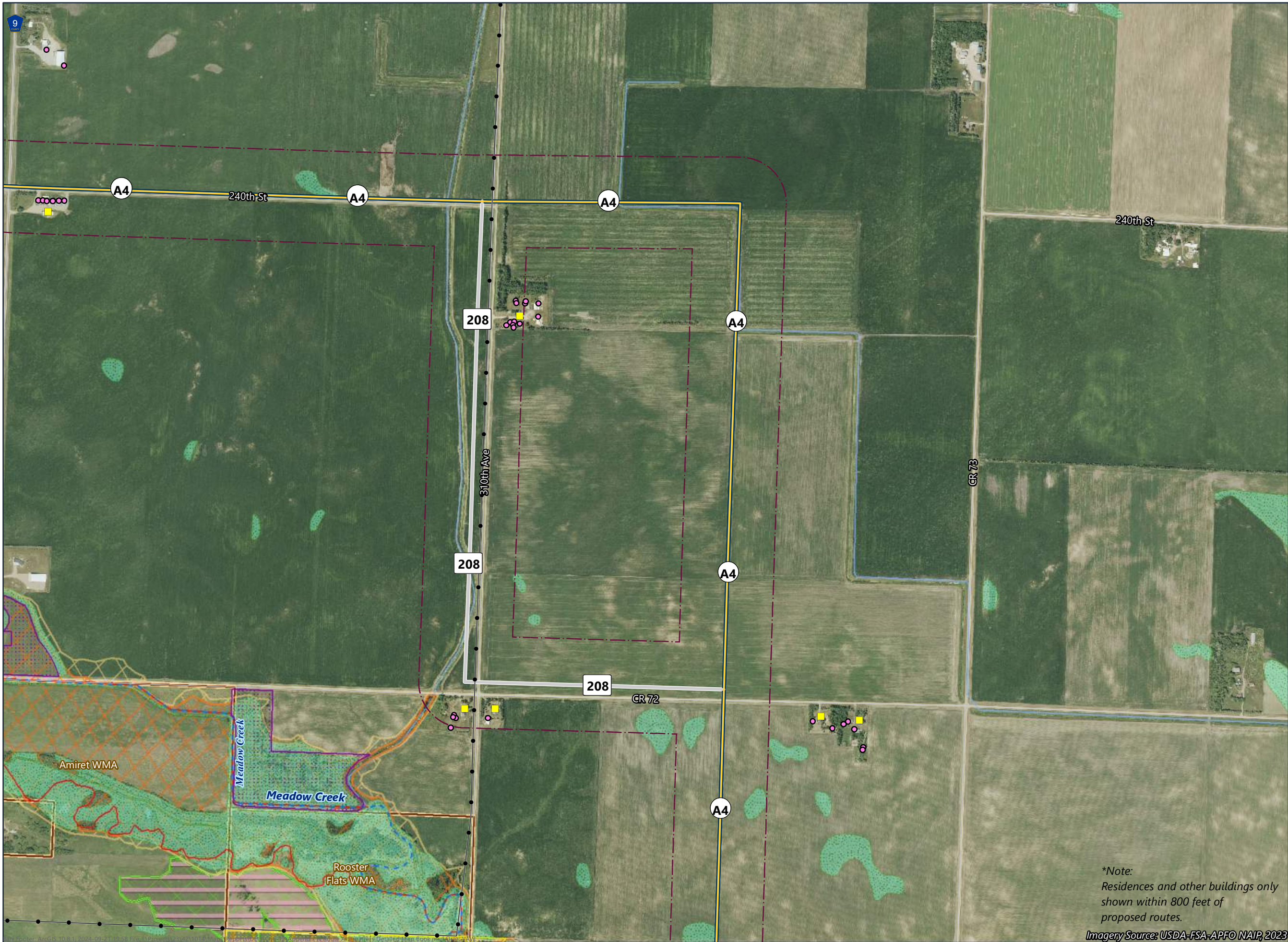
Imagery Source: USDA-FSA-APFO NAIR, 2023

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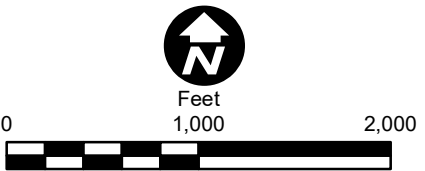


- Route Segment (incorporates alternative[s])
- Route Connector
- Route Width
- Existing Transmission Line
- State Water Trail
- Snowmobile Trail
- PWI Waterbody
- PWI Watercourse
- MPCA Impaired Stream
- Shallow Wildlife Lake
- Non-Forested Wetland
- NHD Waterbody
- NHD Watercourse
- Wildlife Management Area
- Native Plant Community
- Conservation Reserve Enhancement Program (CREP) Easement
- Reinvest in Minnesota (RIM) Easement
- Floodplains**
  - 100-Year Floodplain
  - 500-Year Floodplain
- Site of Biodiversity Significance**
  - Below Minimum Significance



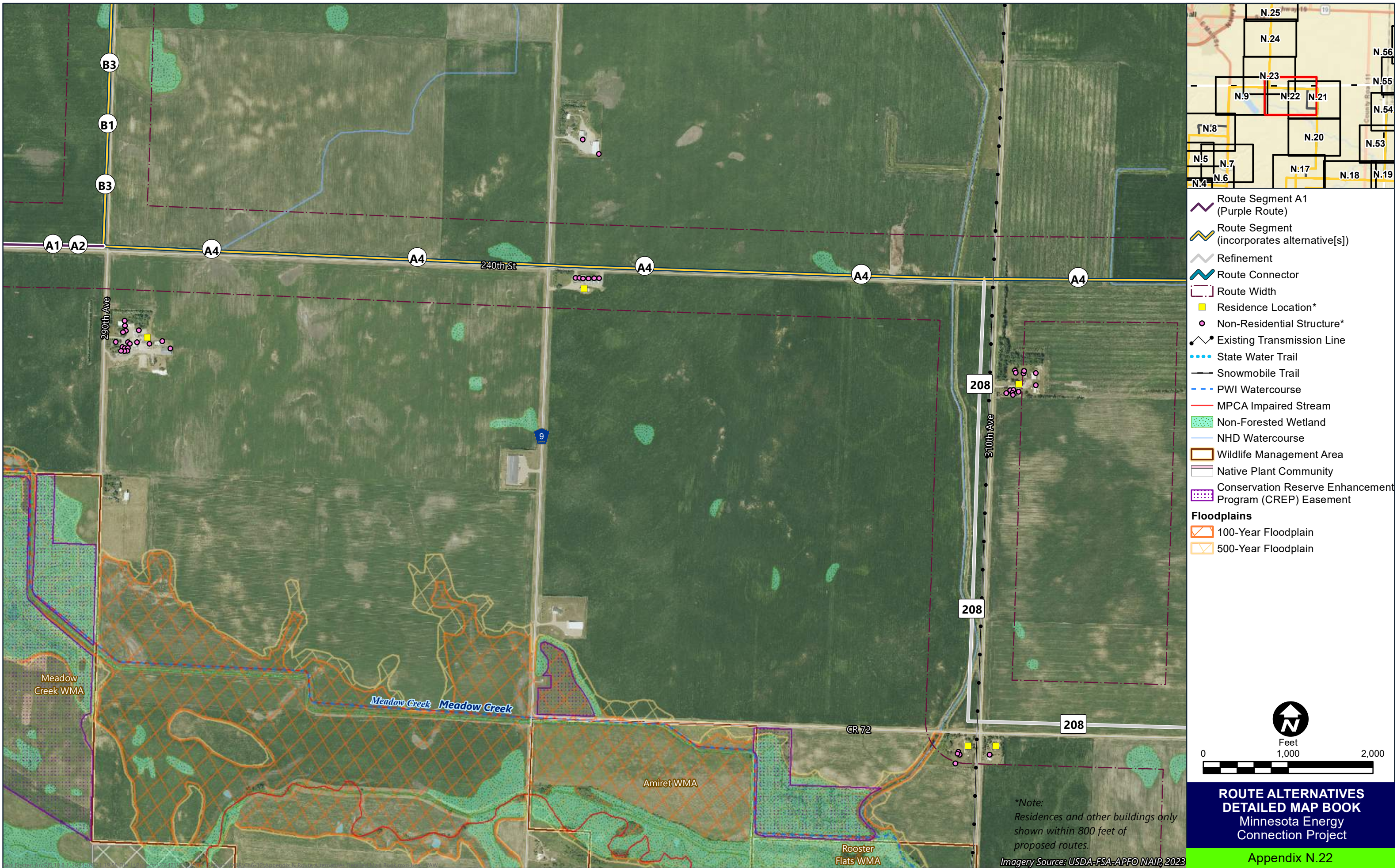


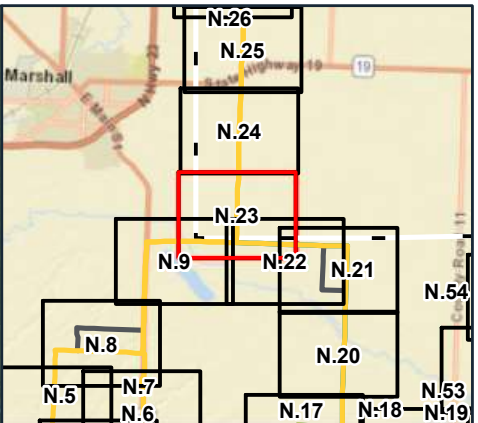
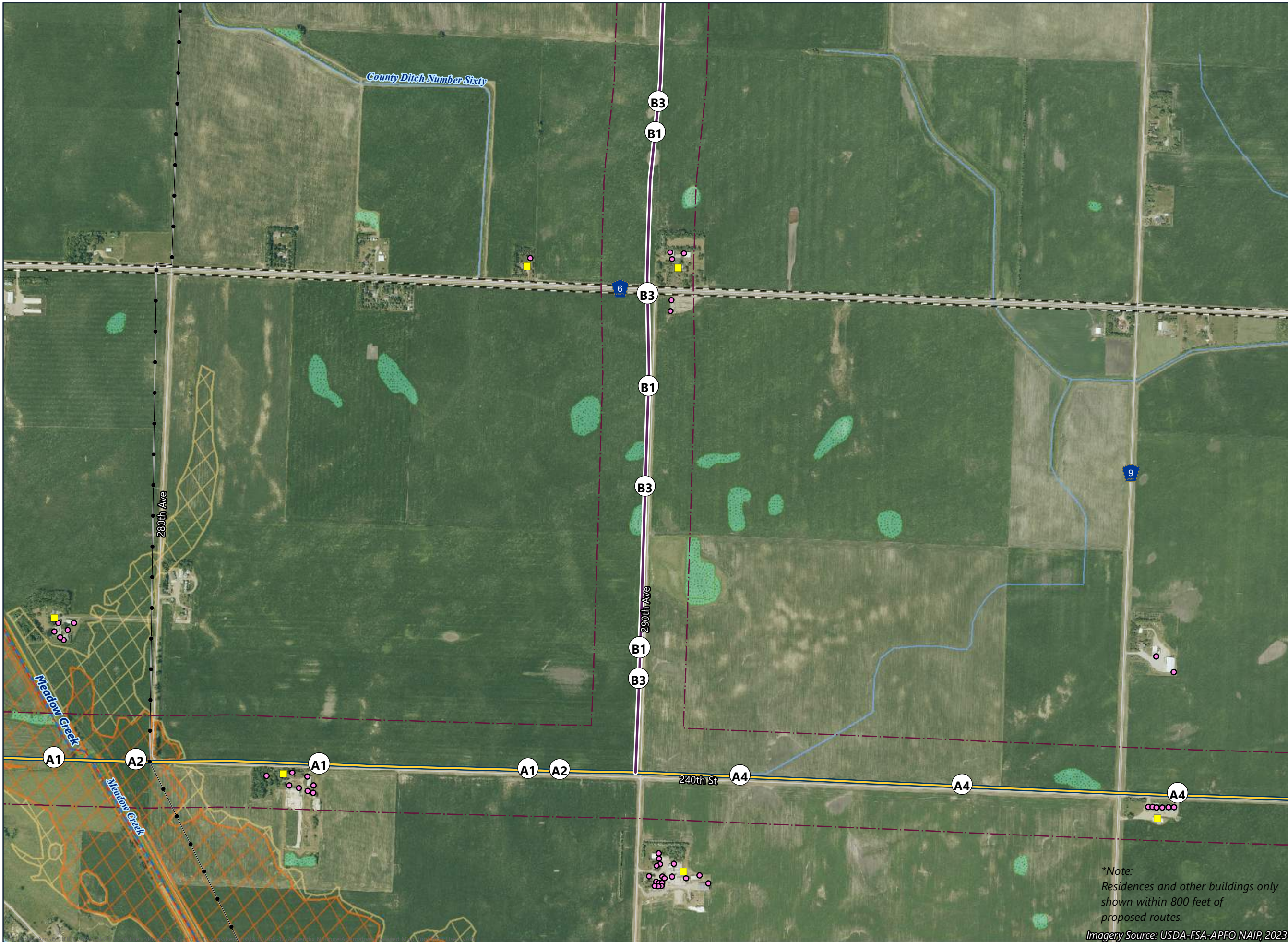
- Route Segment (incorporates alternative[s])
- Refinement
- Route Connector
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- Existing Transmission Line
- State Water Trail
- Snowmobile Trail
- PWI Watercourse
- MPCA Impaired Stream
- Non-Forested Wetland
- NHD Watercourse
- Wildlife Management Area
- Native Plant Community
- Conservation Reserve Enhancement Program (CREP) Easement
- Reinvest in Minnesota (RIM) Easement
- Floodplains**
  - 100-Year Floodplain
  - 500-Year Floodplain
- Site of Biodiversity Significance**
  - Below Minimum Significance



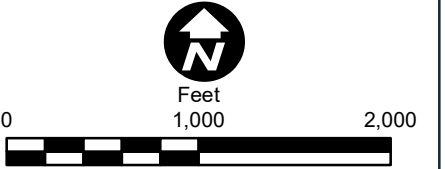
*\*Note:*  
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*Imagery Source: USDA-FSA-APFO NAIR, 2023*



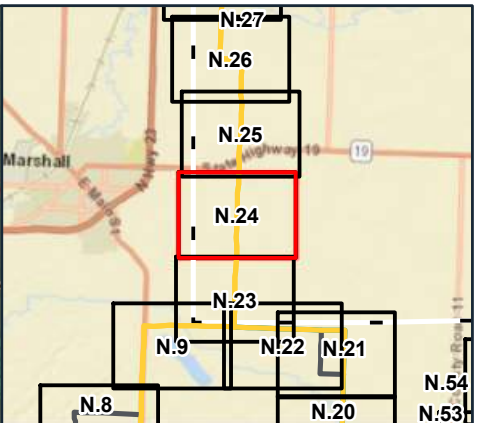
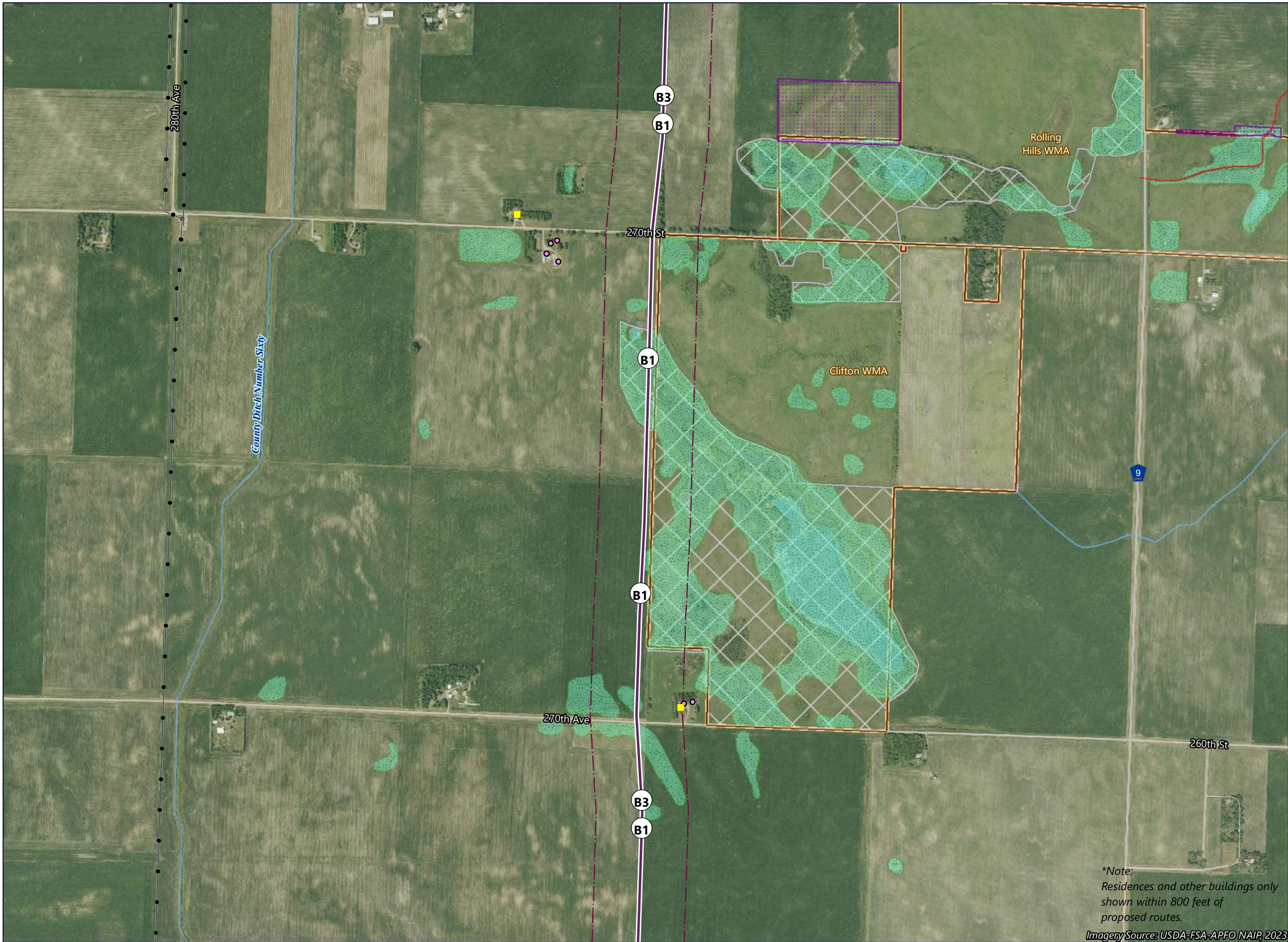


- Route Segment B1 (Purple Route)
- Route Segment (incorporates alternative[s])
- Route Connector
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- Existing Transmission Line
- State Water Trail
- Snowmobile Trail
- PWI Waterbody
- PWI Watercourse
- MPCA Impaired Stream
- Shallow Wildlife Lake
- Non-Forested Wetland
- NHD Waterbody
- NHD Watercourse
- Native Plant Community
- Floodplains**
  - 100-Year Floodplain
  - 500-Year Floodplain

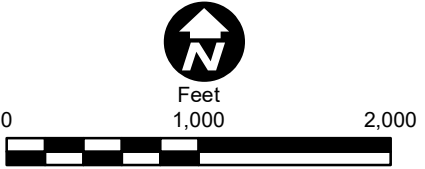


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Imagery Source: USDA-FSA-APFO NAIP, 2023

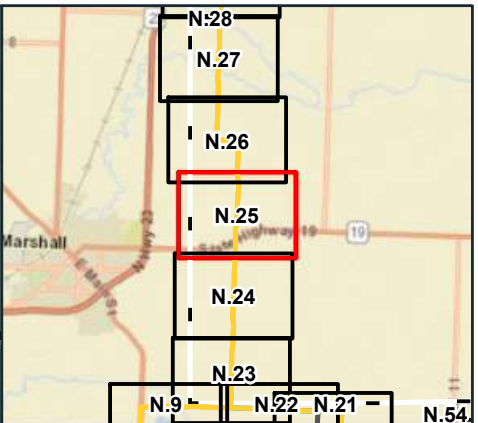
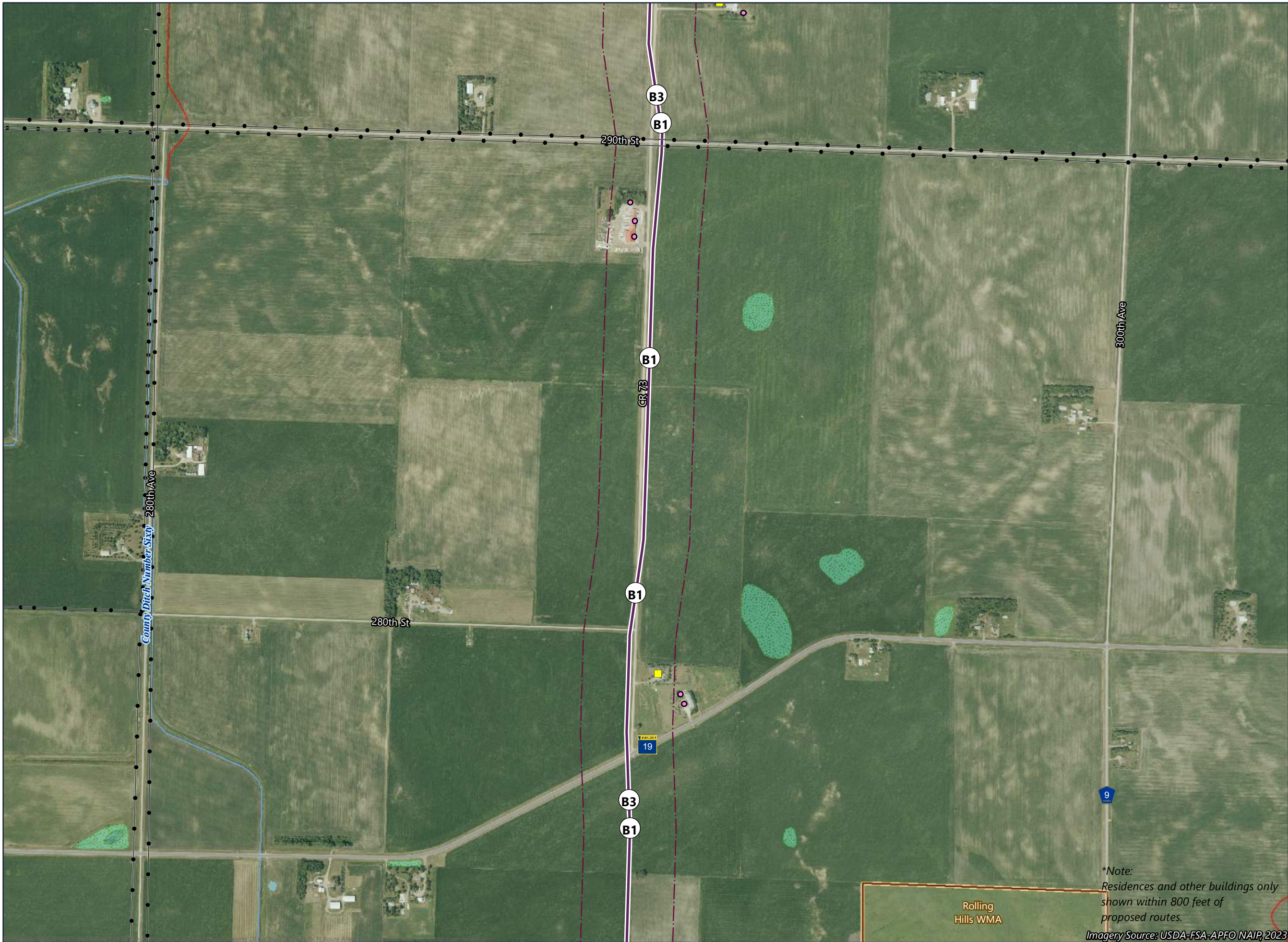


- Route Segment B1 (Purple Route)
- Route Segment (incorporates alternative[s])
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- Existing Transmission Line
- State Water Trail
- Snowmobile Trail
- PWI Watercourse
- MPCA Impaired Stream
- Non-Forested Wetland
- NHD Waterbody
- Wildlife Management Area
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- Conservation Reserve Enhancement Program (CREP) Easement
- Floodplains**
  - 100-Year Floodplain
  - 500-Year Floodplain
- Site of Biodiversity Significance**
  - Below Minimum Significance

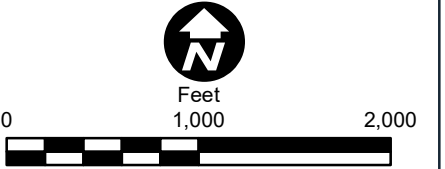


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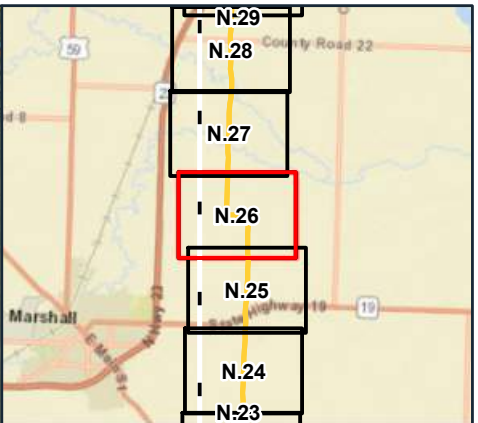
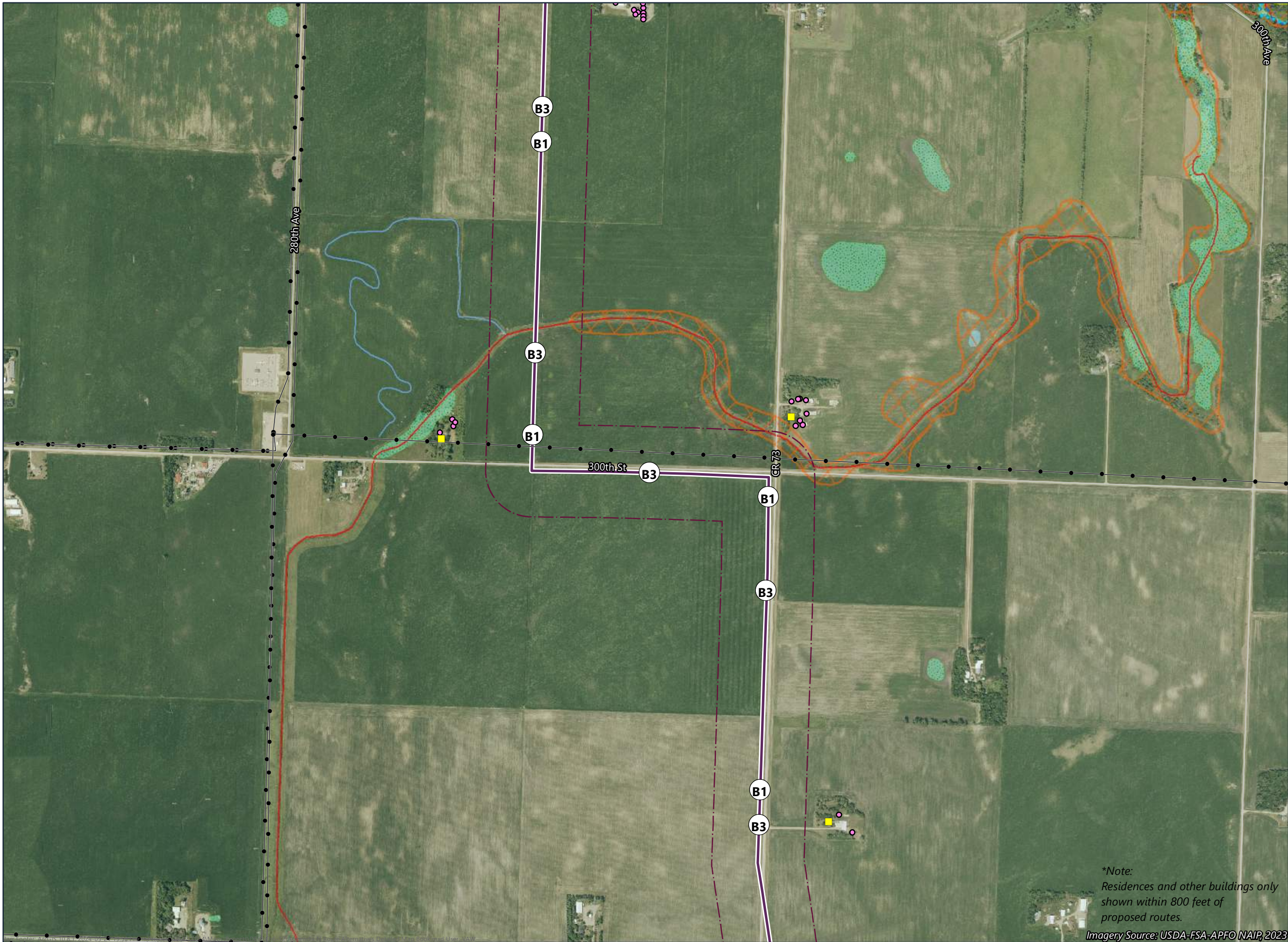


- Route Segment B1 (Purple Route)
- Route Segment (incorporates alternative[s])
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- Existing Transmission Line
- State Water Trail
- Snowmobile Trail
- PWI Watercourse
- MPCA Impaired Stream
- Non-Forested Wetland
- NHD Watercourse
- Wildlife Management Area
- Native Plant Community
- Floodplains**
  - 100-Year Floodplain
  - 500-Year Floodplain

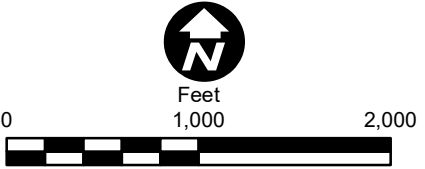


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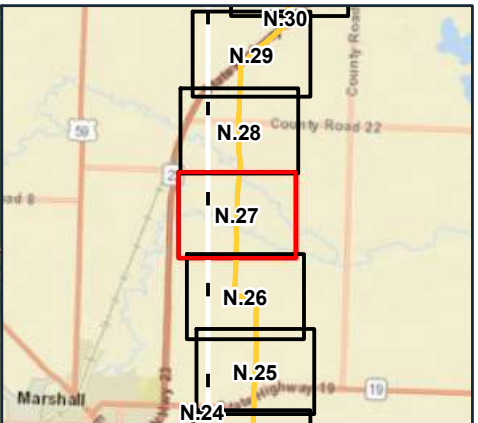
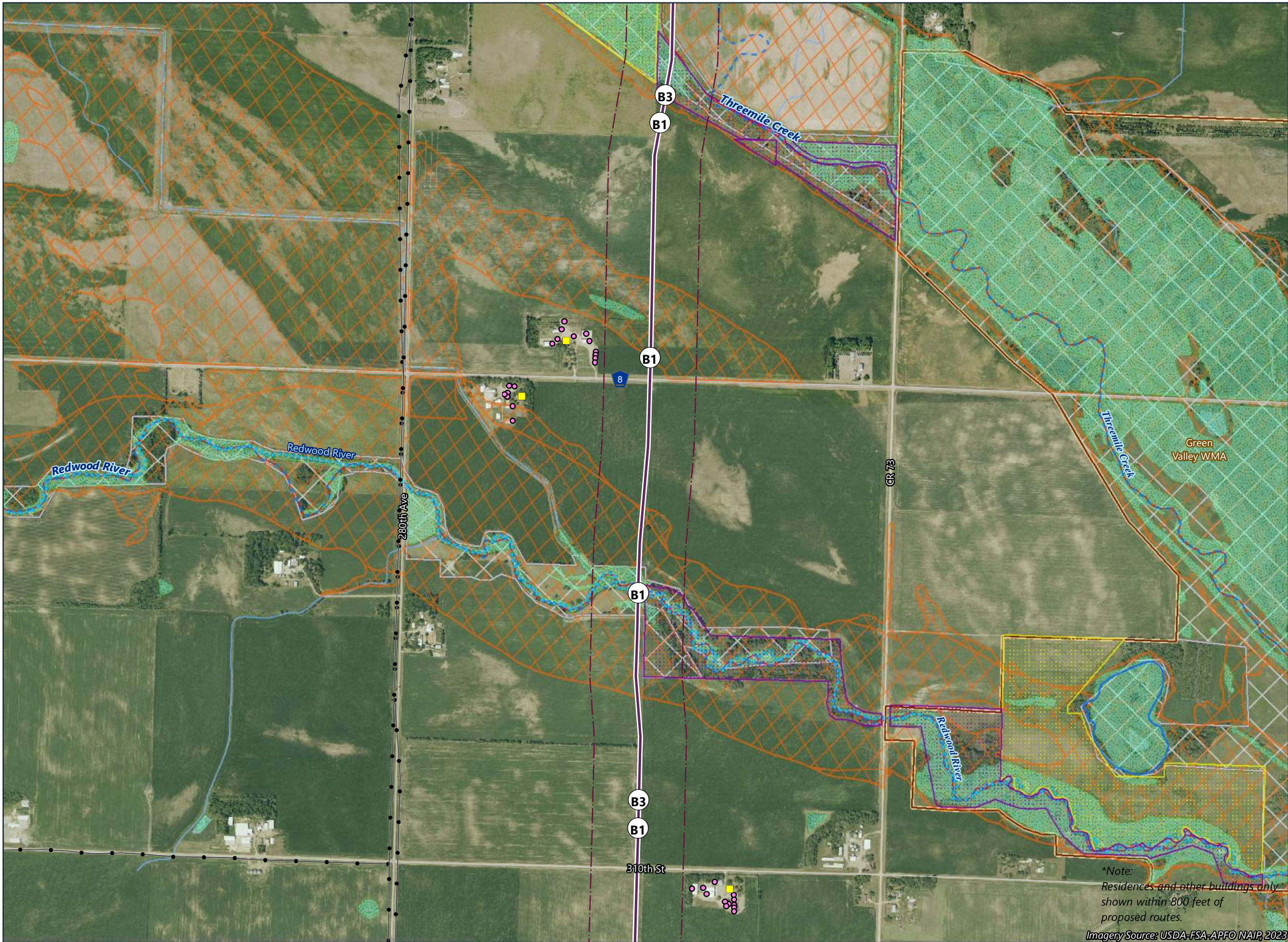


- Route Segment B1 (Purple Route)
- Route Segment (incorporates alternative[s])
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- Existing Transmission Line
- State Water Trail
- Wild and Scenic Recreational Rivers
- Snowmobile Trail
- PWI Watercourse
- MPCA Impaired Stream
- Non-Forested Wetland
- NHD Watercourse
- Native Plant Community
- Reinvest in Minnesota (RIM) Easement
- Floodplains**
  - 100-Year Floodplain
  - 500-Year Floodplain

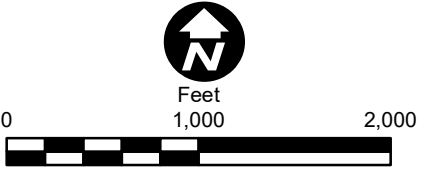


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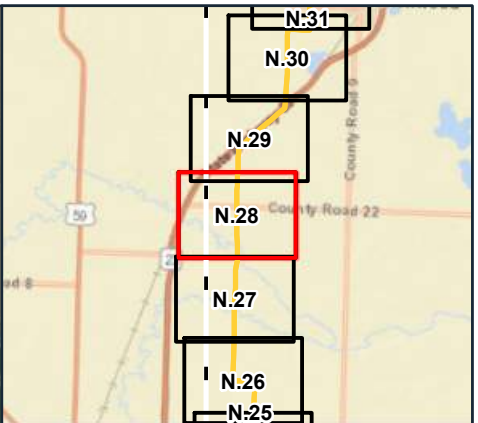
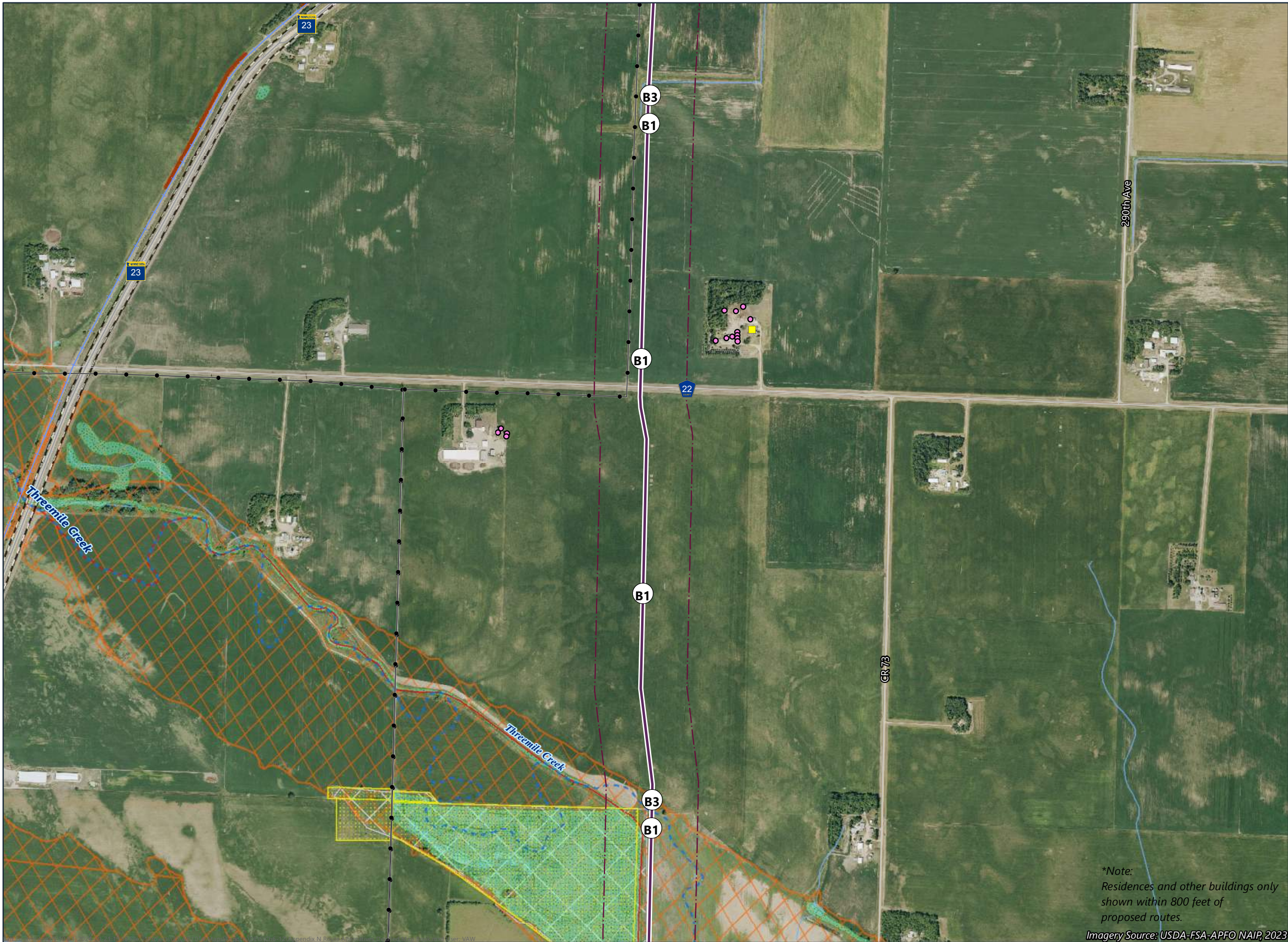
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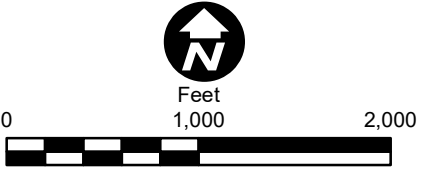
- Route Segment B1 (Purple Route)
- Route Segment (incorporates alternative[s])
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- Existing Transmission Line
- State Water Trail
- Wild and Scenic Recreational Rivers
- Snowmobile Trail
- PWI Watercourse
- MPCA Impaired Stream
- Non-Forested Wetland
- NHD Watercourse
- Native Plant Community
- Conservation Reserve Enhancement Program (CREP) Easement
- Reinvest in Minnesota (RIM) Easement
- Floodplains**
  - 100-Year Floodplain
  - 500-Year Floodplain
- Site of Biodiversity Significance**
  - Below Minimum Significance



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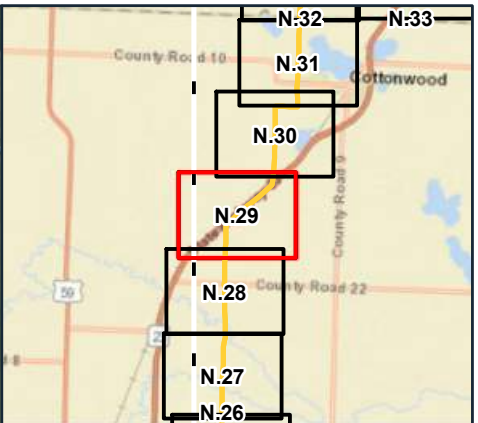
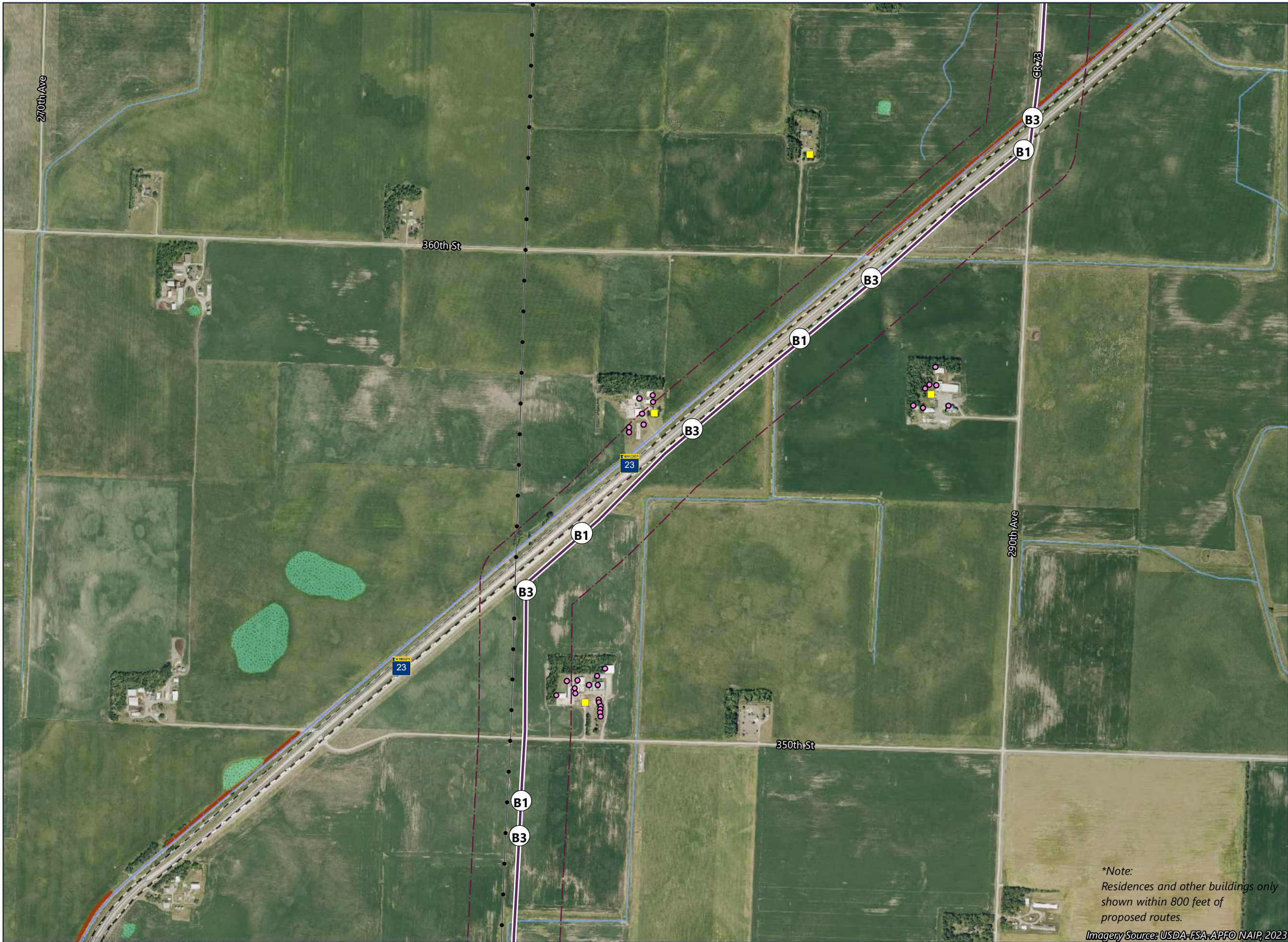


- Route Segment B1 (Purple Route)
- Route Segment (incorporates alternative[s])
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- Existing Transmission Line
- State Water Trail
- Wild and Scenic Recreational Rivers
- Snowmobile Trail
- PWI Watercourse
- MPCA Impaired Stream
- Non-Forested Wetland
- NHD Waterbody
- NHD Watercourse
- Native Plant Community
- Reinvest in Minnesota (RIM) Easement
- Floodplains**
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  - 500-Year Floodplain
- Site of Biodiversity Significance**
  - Below Minimum Significance



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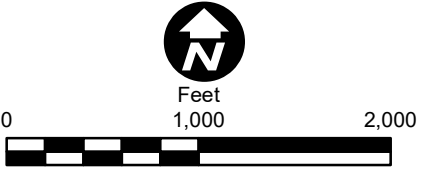
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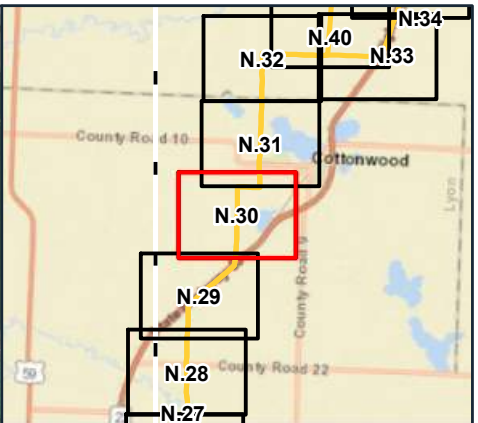
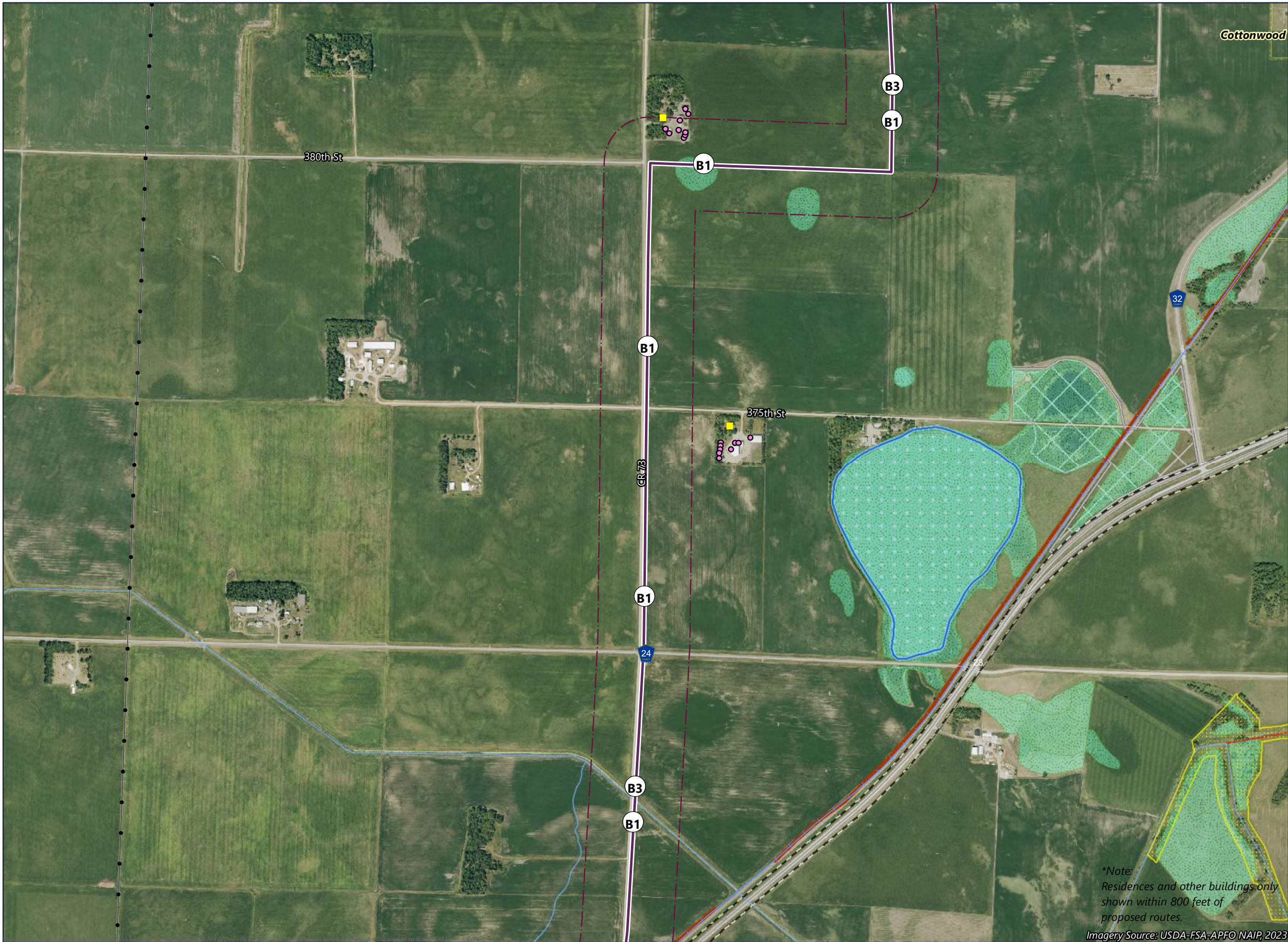


- Route Segment B1 (Purple Route)
- Route Segment (incorporates alternative[s])
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- Existing Transmission Line
- State Water Trail
- Wild and Scenic Recreational Rivers
- Snowmobile Trail
- PWI Watercourse
- MPCA Impaired Stream
- Non-Forested Wetland
- NHD Watercourse
- Railroad Right-of-Way Prairies
- Native Plant Community
- Floodplains**
  - 100-Year Floodplain
  - 500-Year Floodplain

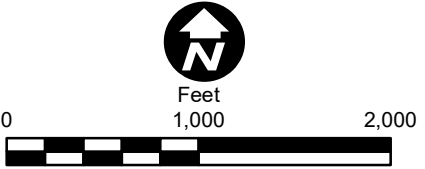
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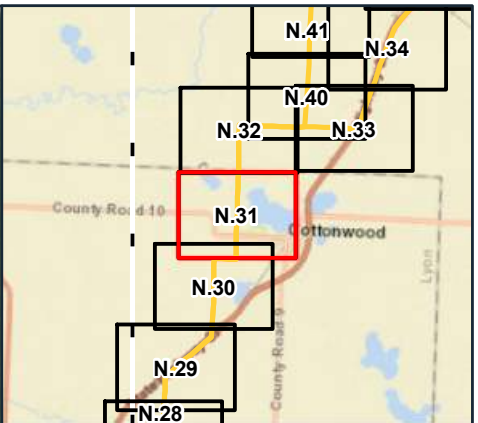
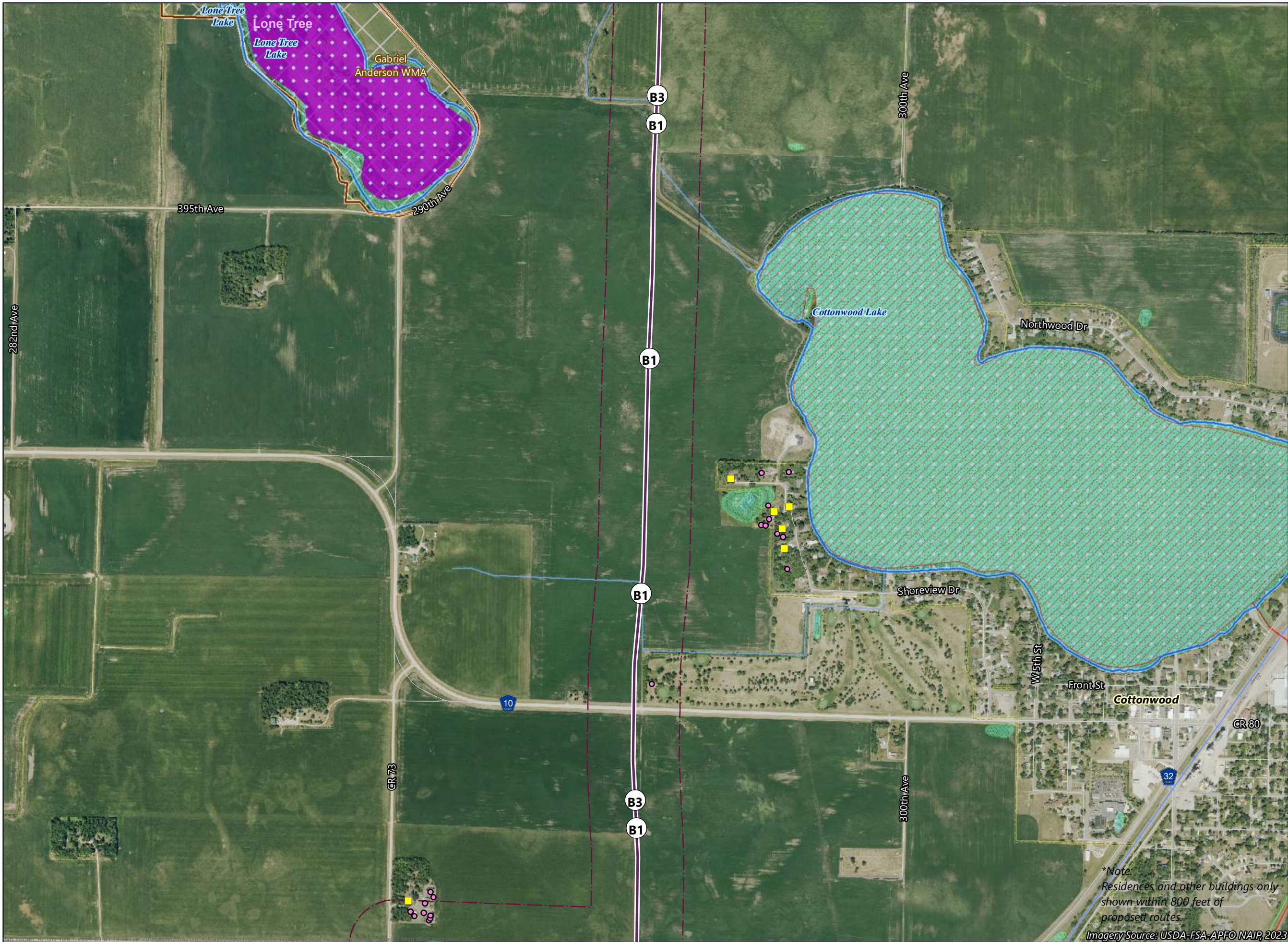
- Route Segment B1 (Purple Route)
- Route Segment (incorporates alternative[s])
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- Existing Transmission Line
- Municipal Boundary
- State Water Trail
- Wild and Scenic Recreational Rivers
- Snowmobile Trail
- PWI Watercourse
- Non-Forested Wetland
- NHD Watercourse
- Railroad Right-of-Way Prairies
- Native Plant Community
- Reinvest in Minnesota (RIM) Easement
- Floodplains**
  - 100-Year Floodplain
  - 500-Year Floodplain



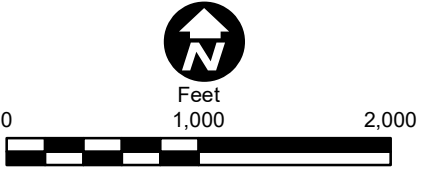
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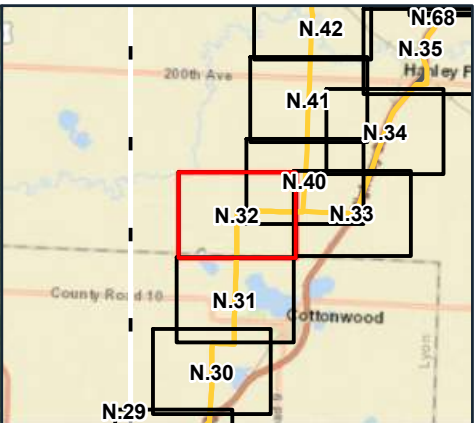
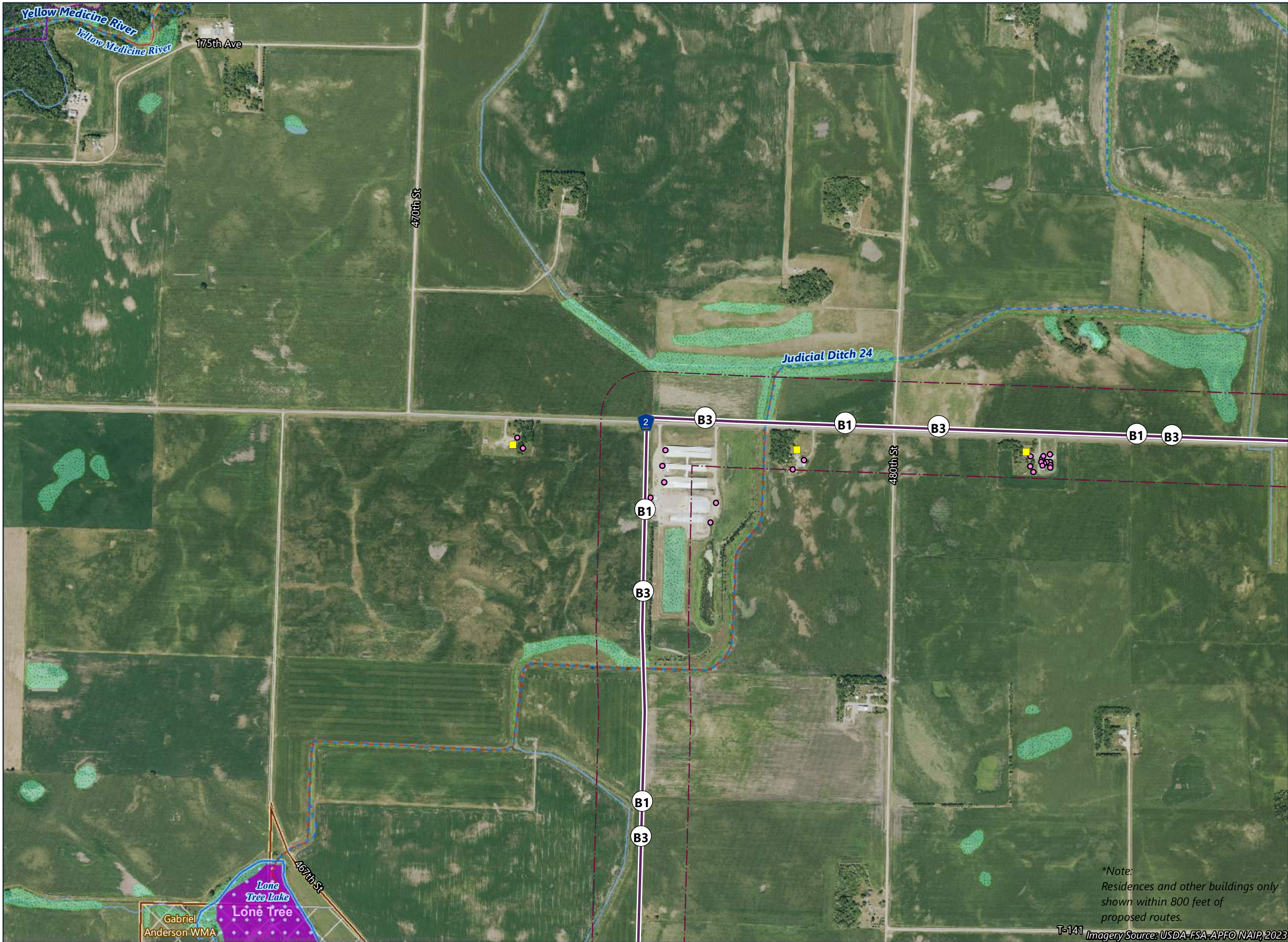


- Route Segment B1 (Purple Route)
- Route Segment (incorporates alternative[s])
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- Municipal Boundary
- State Water Trail
- Wild and Scenic Recreational Rivers
- Snowmobile Trail
- PWI Waterbody
- MPCA Impaired Waterbody
- PWI Watercourse
- Shallow Wildlife Lake
- Non-Forested Wetland
- NHD Waterbody
- NHD Watercourse
- Native Plant Community
- Floodplains**
  - 100-Year Floodplain
  - 500-Year Floodplain

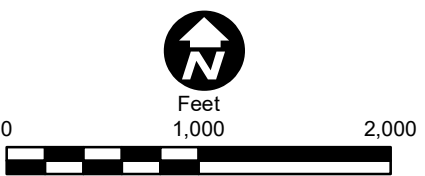


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proposed routes.

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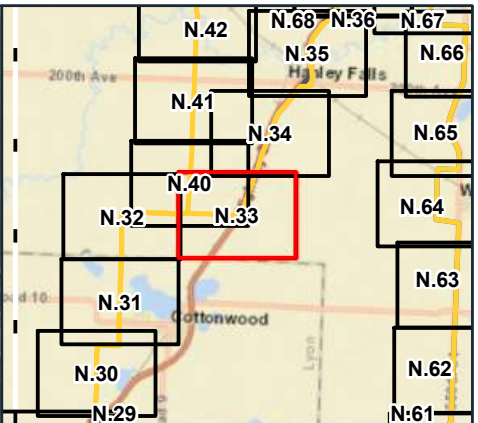
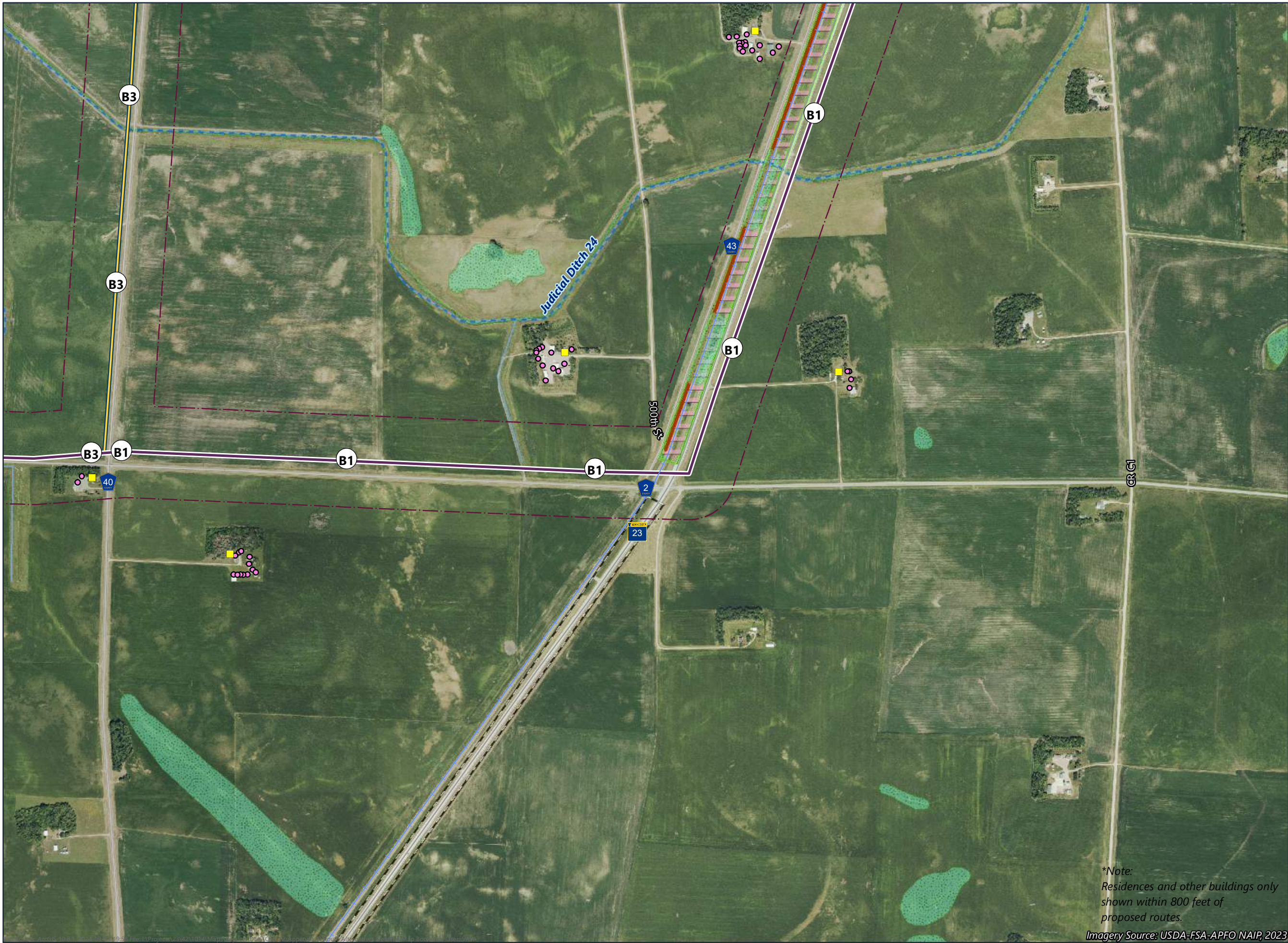


- Route Segment B1 (Purple Route)
- Route Segment (incorporates alternative[s])
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- State Water Trail
- Wild and Scenic Recreational Rivers
- Snowmobile Trail
- PWI Watercourse
- MPCA Impaired Stream
- Non-Forested Wetland
- NHD Waterbody
- NHD Watercourse
- Native Plant Community
- Conservation Reserve Enhancement Program (CREP) Easement
- Floodplains**
  - 100-Year Floodplain
  - 500-Year Floodplain

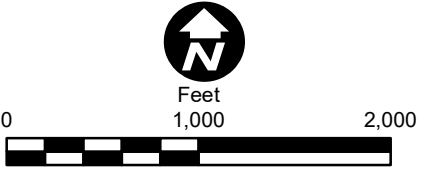


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proposed routes.

T-141 Imagery Source: USDA-FSA-APFO NAIP, 2023

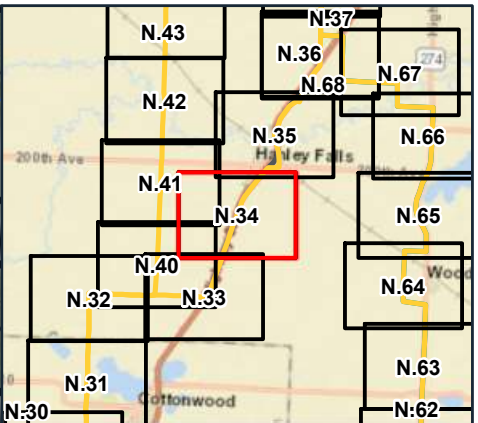
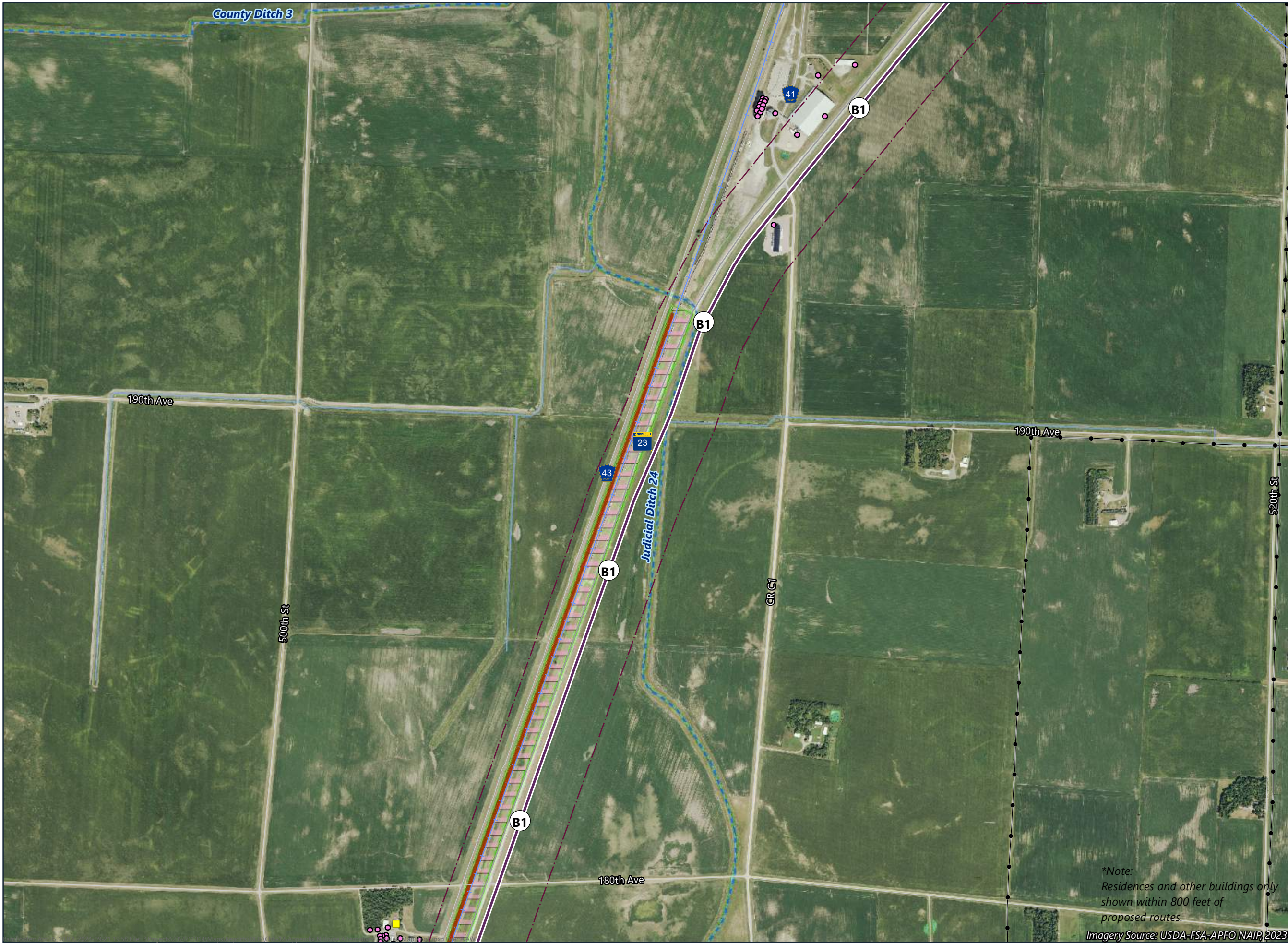


- Route Segment B1 (Purple Route)
- Route Segment (incorporates alternative[s])
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- State Water Trail
- Wild and Scenic Recreational Rivers
- Snowmobile Trail
- PWI Watercourse
- Non-Forested Wetland
- NHD Watercourse
- Railroad Right-of-Way Prairies
- Native Plant Community
- Floodplains**
  - 100-Year Floodplain
  - 500-Year Floodplain
- Site of Biodiversity Significance**
  - Moderate Significance

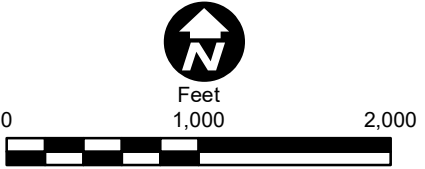


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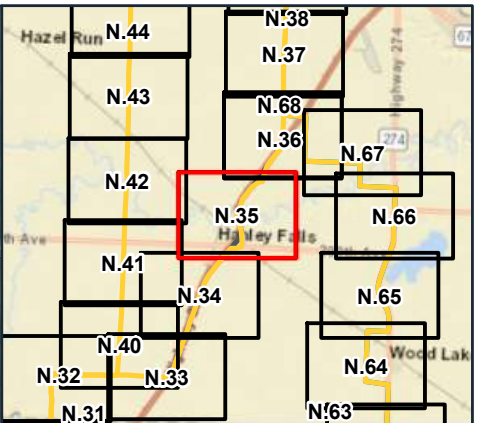
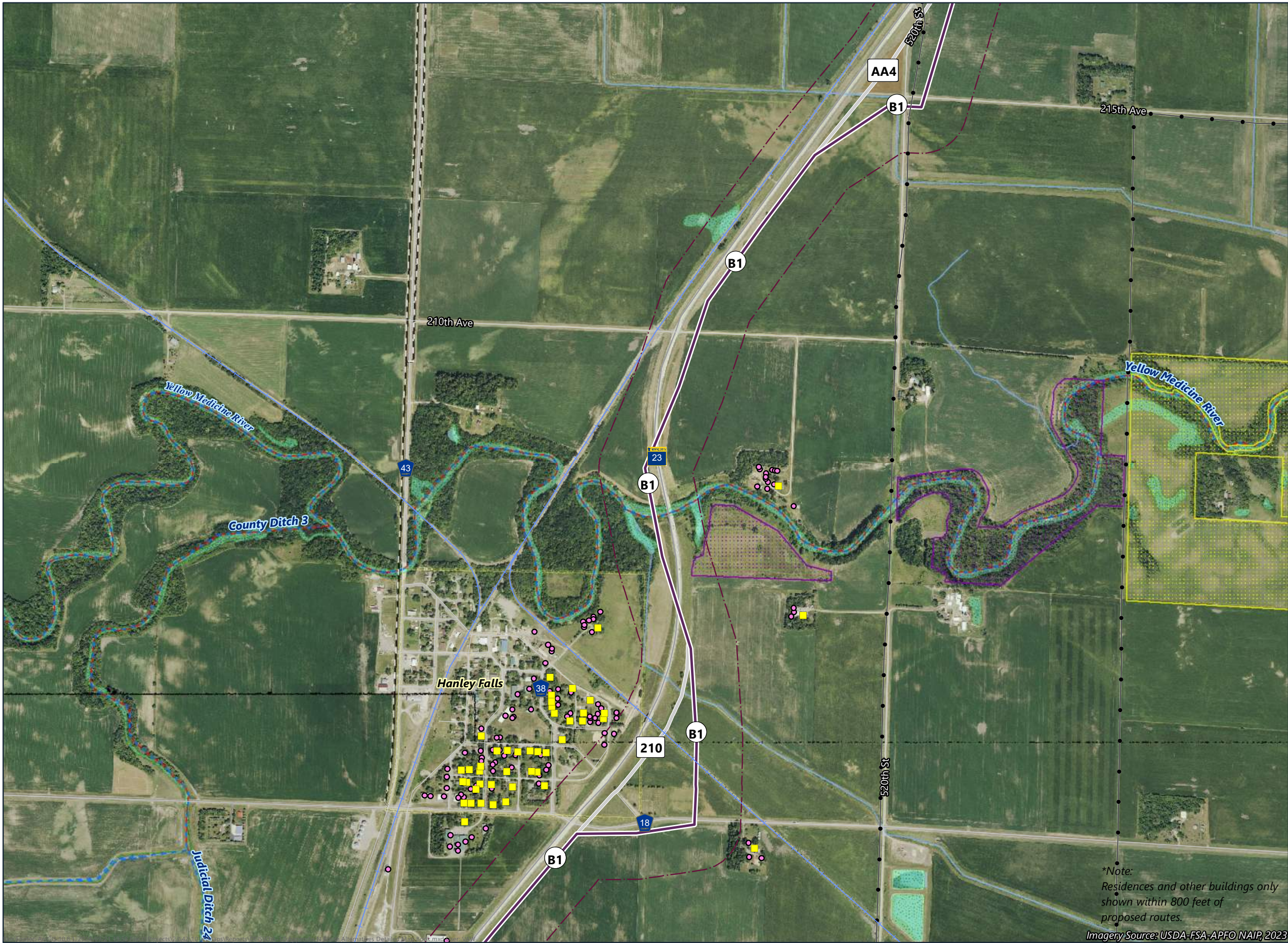


- Route Segment B1 (Purple Route)
- Route Segment B4 (Blue Route)
- Route Segment (incorporates alternative[s])
- Route Connector
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- Existing Transmission Line
- State Water Trail
- Wild and Scenic Recreational Rivers
- Snowmobile Trail
- PWI Watercourse
- Non-Forested Wetland
- 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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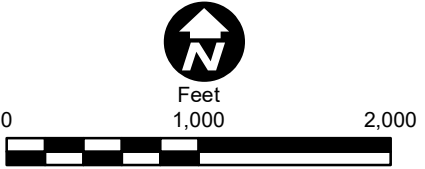
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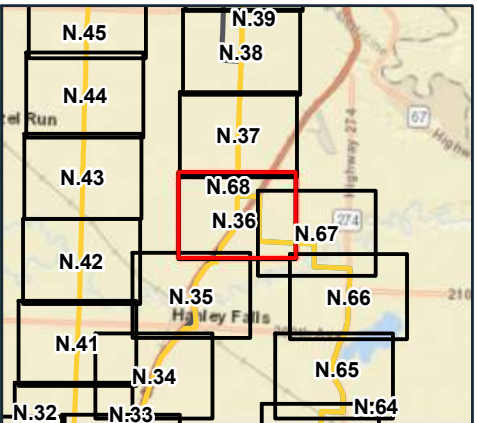
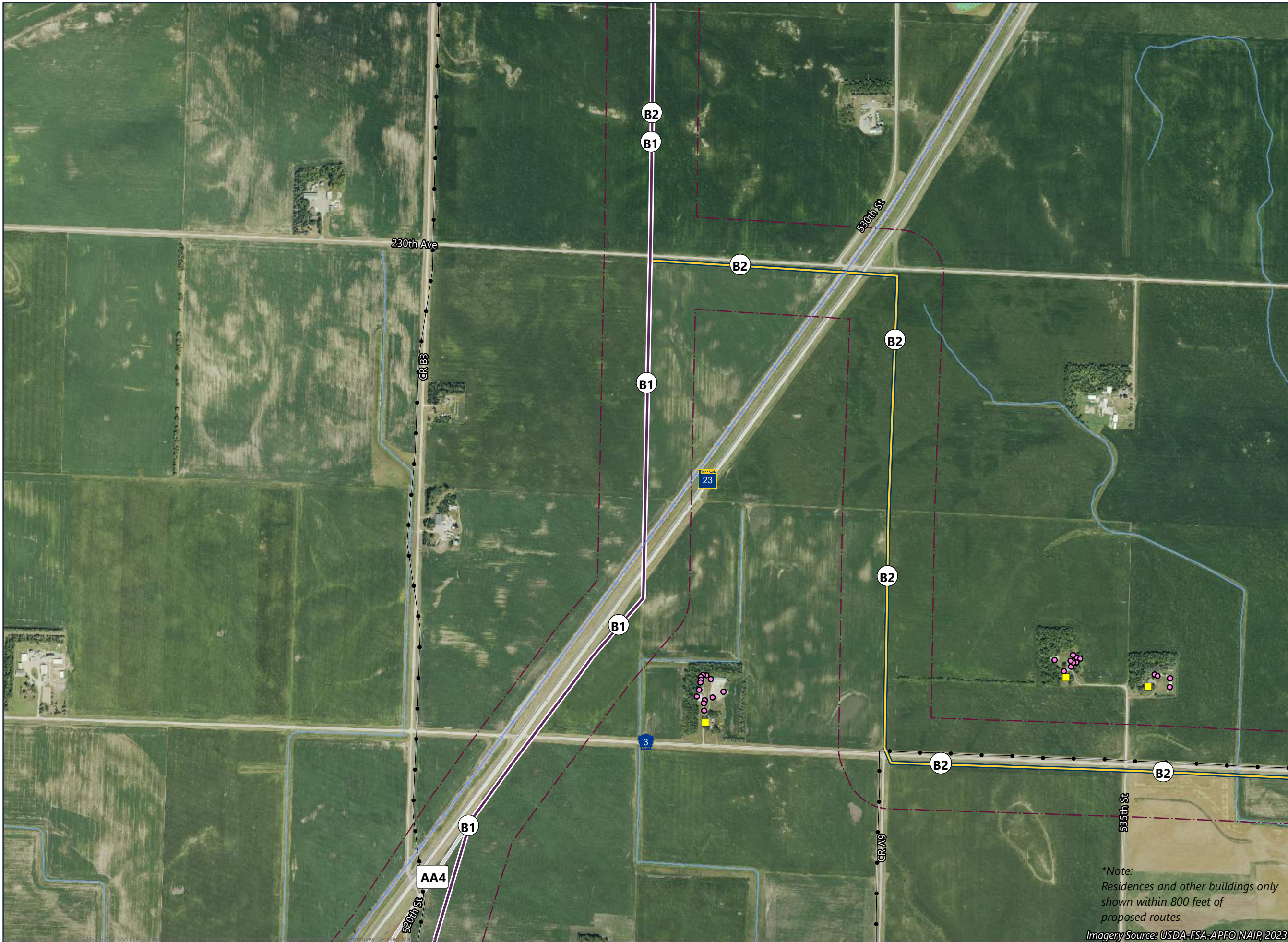


- Route Segment B1 (Purple Route)
- Route Segment B4 (Blue Route)
- Route Segment (incorporates alternative[s])
- Refinement
- Route Connector
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- Existing Transmission Line
- Municipal Boundary
- State Water Trail
- Wild and Scenic Recreational Rivers
- Snowmobile Trail
- PWI Watercourse
- MPCA Impaired Stream
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- NHD Waterbody
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- Floodplains**
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  - 500-Year Floodplain

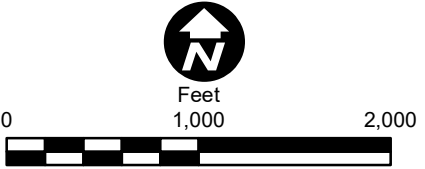
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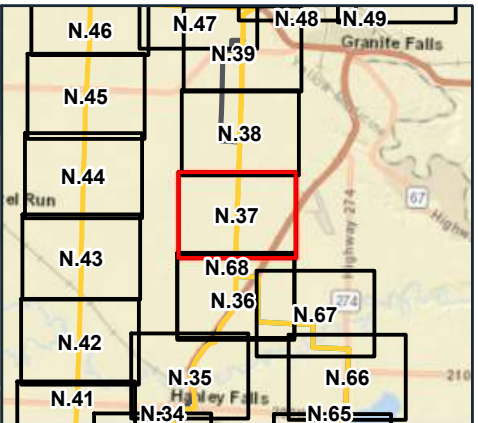
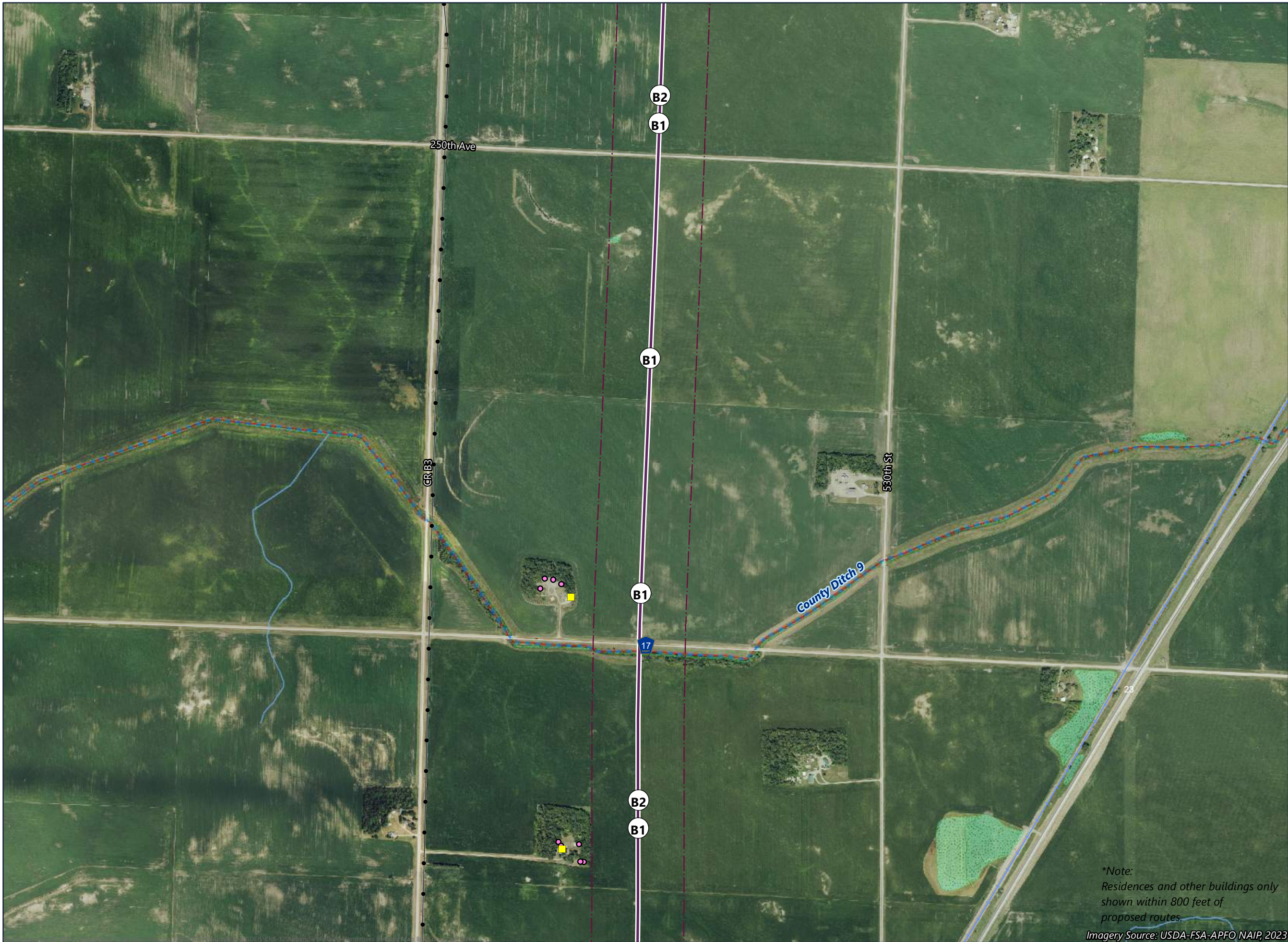
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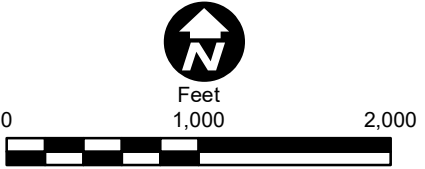


- Route Segment B1 (Purple Route)
- Route Segment B4 (Blue Route)
- Route Segment (incorporates alternative[s])
- Refinement
- Route Connector
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- Existing Transmission Line
- State Water Trail
- Wild and Scenic Recreational Rivers
- Snowmobile Trail
- PWI Watercourse
- MPCA Impaired Stream
- Non-Forested Wetland
- NHD Watercourse
- Native Plant Community
- Floodplains**
  - 100-Year Floodplain
  - 500-Year Floodplain





- Route Segment B1 (Purple Route)
- Route Segment B4 (Blue Route)
- Route Segment (incorporates alternative[s])
- 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 Watercourse
- Native Plant Community
- Floodplains**
  - 100-Year Floodplain
  - 500-Year Floodplain

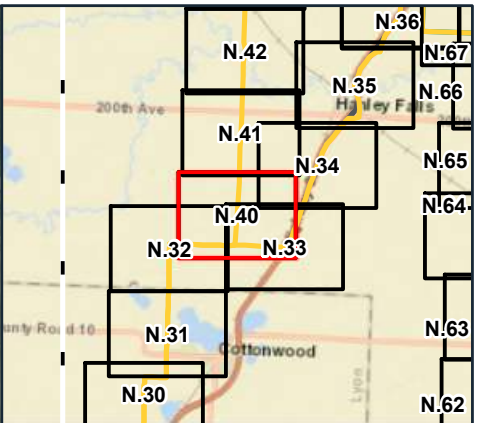
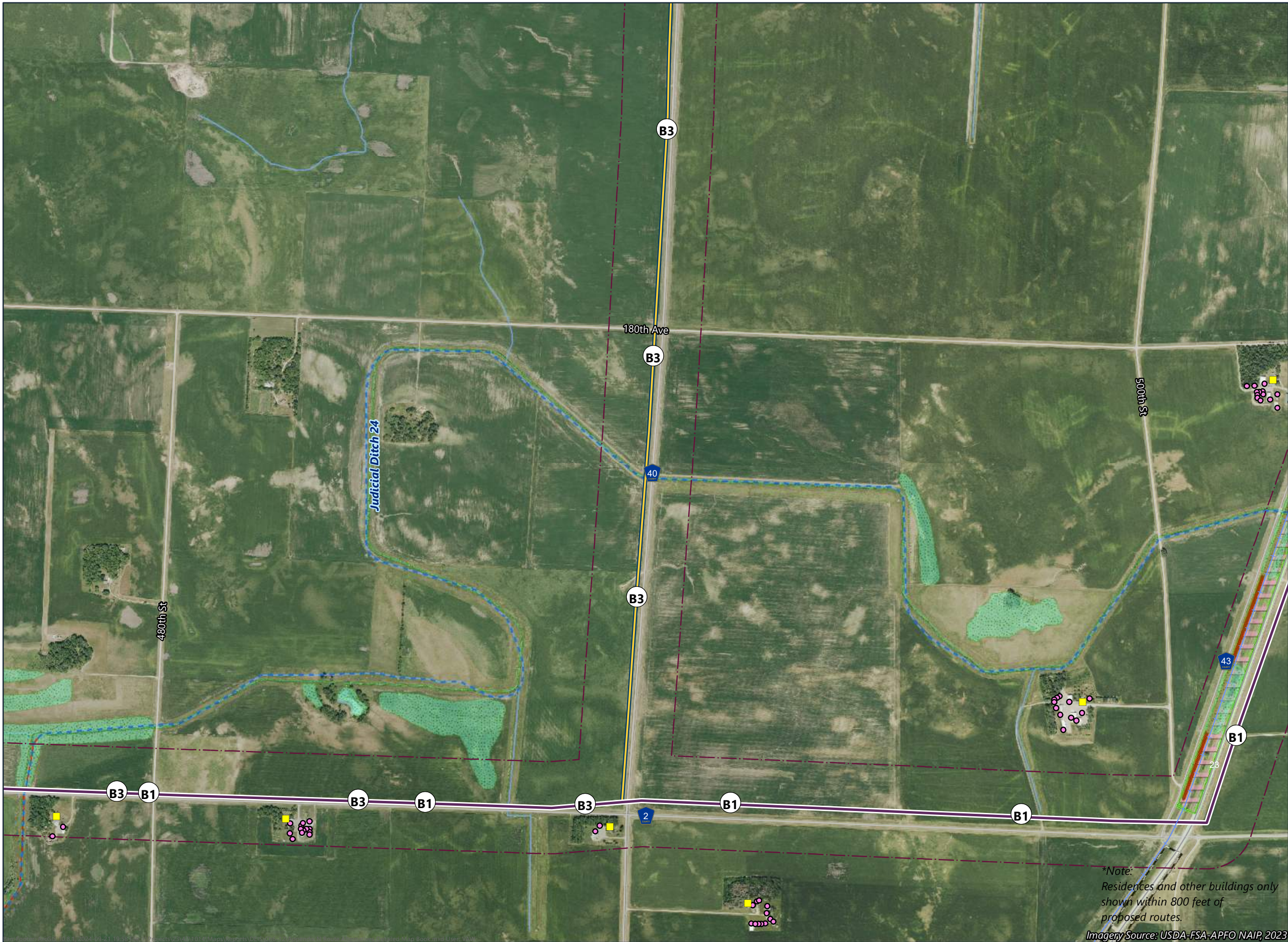


\*Note:  
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proposed routes.

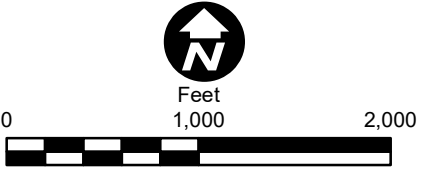
Imagery Source: USDA-FSA-APFO NAIP, 2023

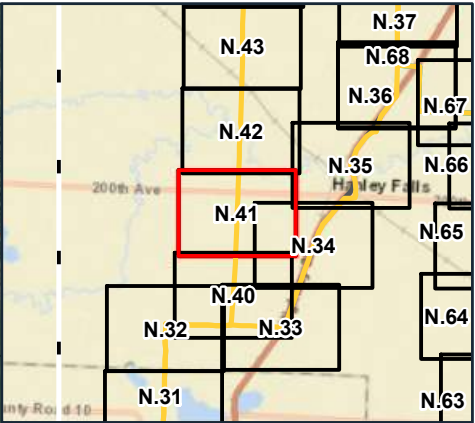
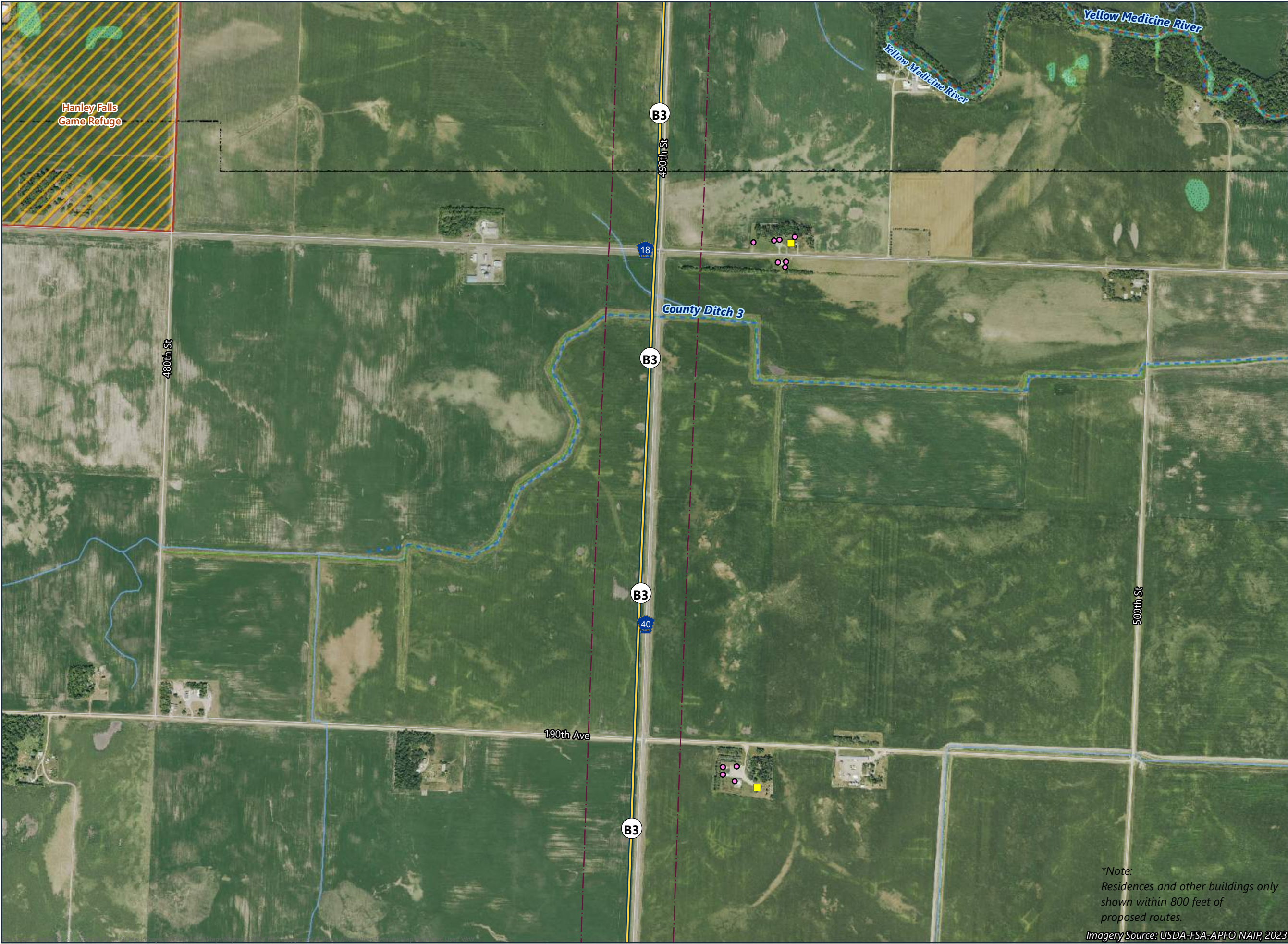






- Route Segment B1 (Purple Route)
- Route Segment (incorporates alternative[s])
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- State Water Trail
- Wild and Scenic Recreational Rivers
- Snowmobile Trail
- PWI Watercourse
- MPCA Impaired Stream
- Non-Forested Wetland
- NHD Waterbody
- NHD Watercourse
- Railroad Right-of-Way Prairies
- Native Plant Community
- Floodplains**
  - 100-Year Floodplain
  - 500-Year Floodplain
- Site of Biodiversity Significance**
  - Moderate Significance

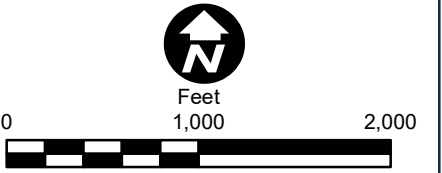


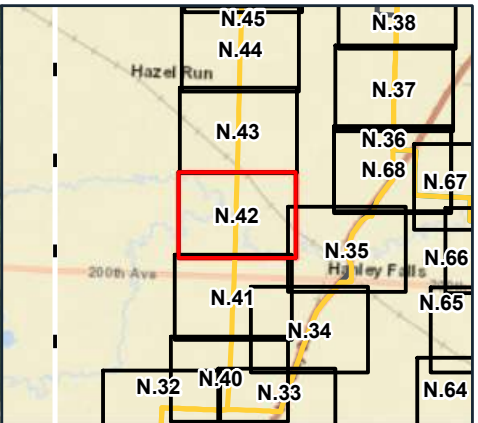
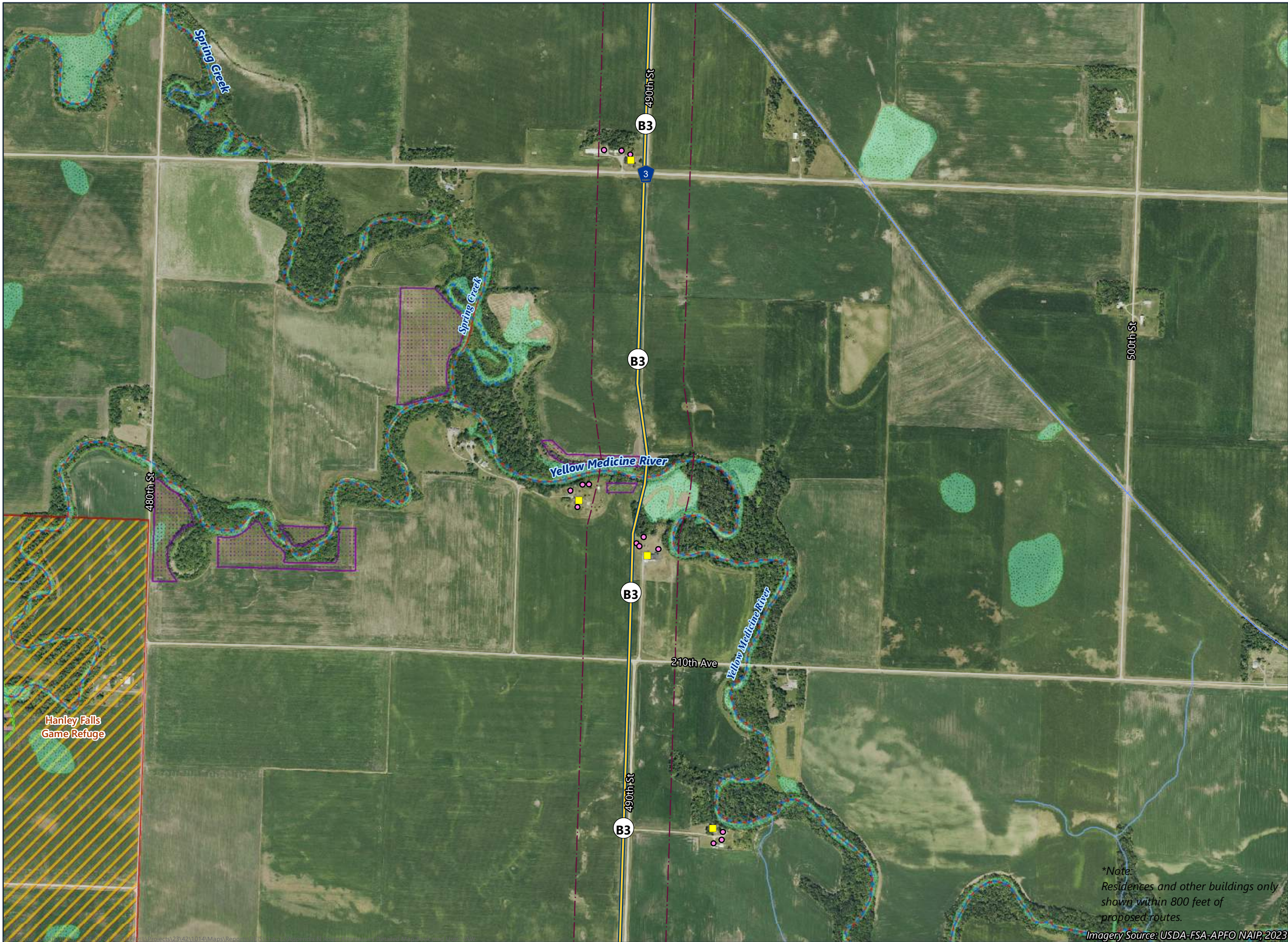


- Route Segment B1 (Purple Route)
- Route Segment (incorporates alternative[s])
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- State Water Trail
- Wild and Scenic Recreational Rivers
- Snowmobile Trail
- PWI Watercourse
- MPCA Impaired Stream
- Non-Forested Wetland
- NHD Watercourse
- Railroad Right-of-Way Prairies
- Native Plant Community
- Floodplains**
  - 100-Year Floodplain
  - 500-Year Floodplain
- Site of Biodiversity Significance**
  - Moderate Significance

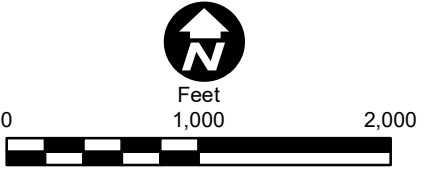
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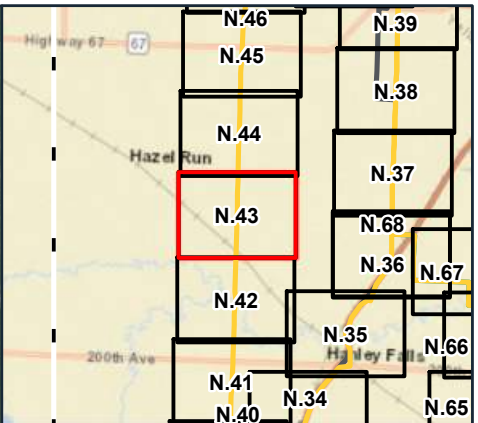
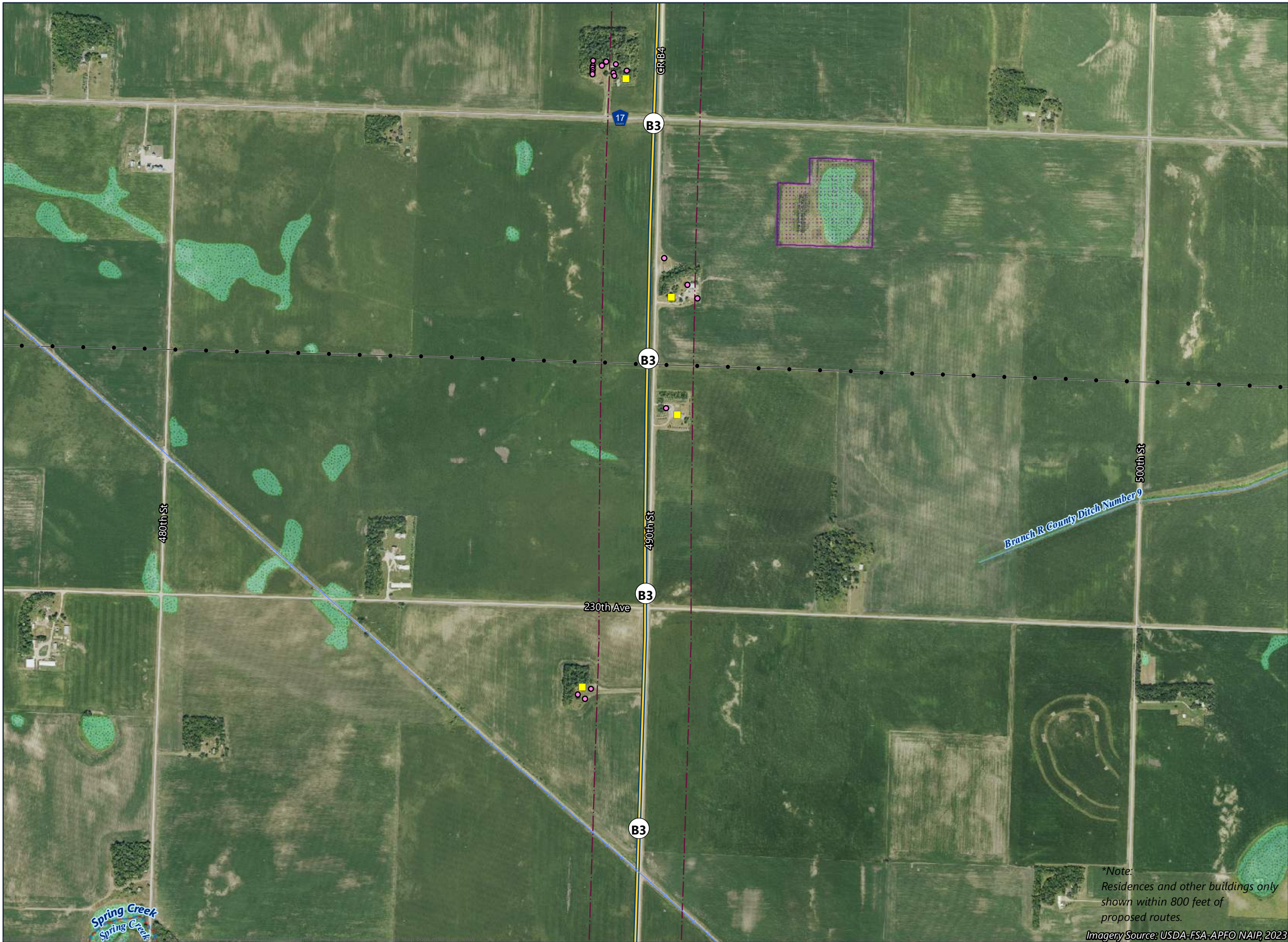


- Route Segment B1 (Purple Route)
- Route Segment (incorporates alternative[s])
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- State Water Trail
- Wild and Scenic Recreational Rivers
- Snowmobile Trail
- PWI Watercourse
- MPCA Impaired Stream
- Non-Forested Wetland
- NHD Watercourse
- Native Plant Community
- Conservation Reserve Enhancement Program (CREP) Easement
- Floodplains**
  - 100-Year Floodplain
  - 500-Year Floodplain

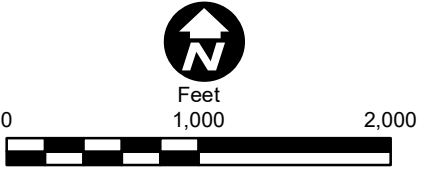


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proposed routes.

Imagery Source: USDA-FSA-APFO NAIP, 2023

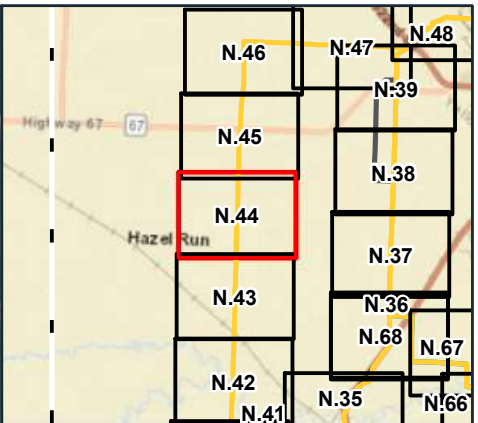
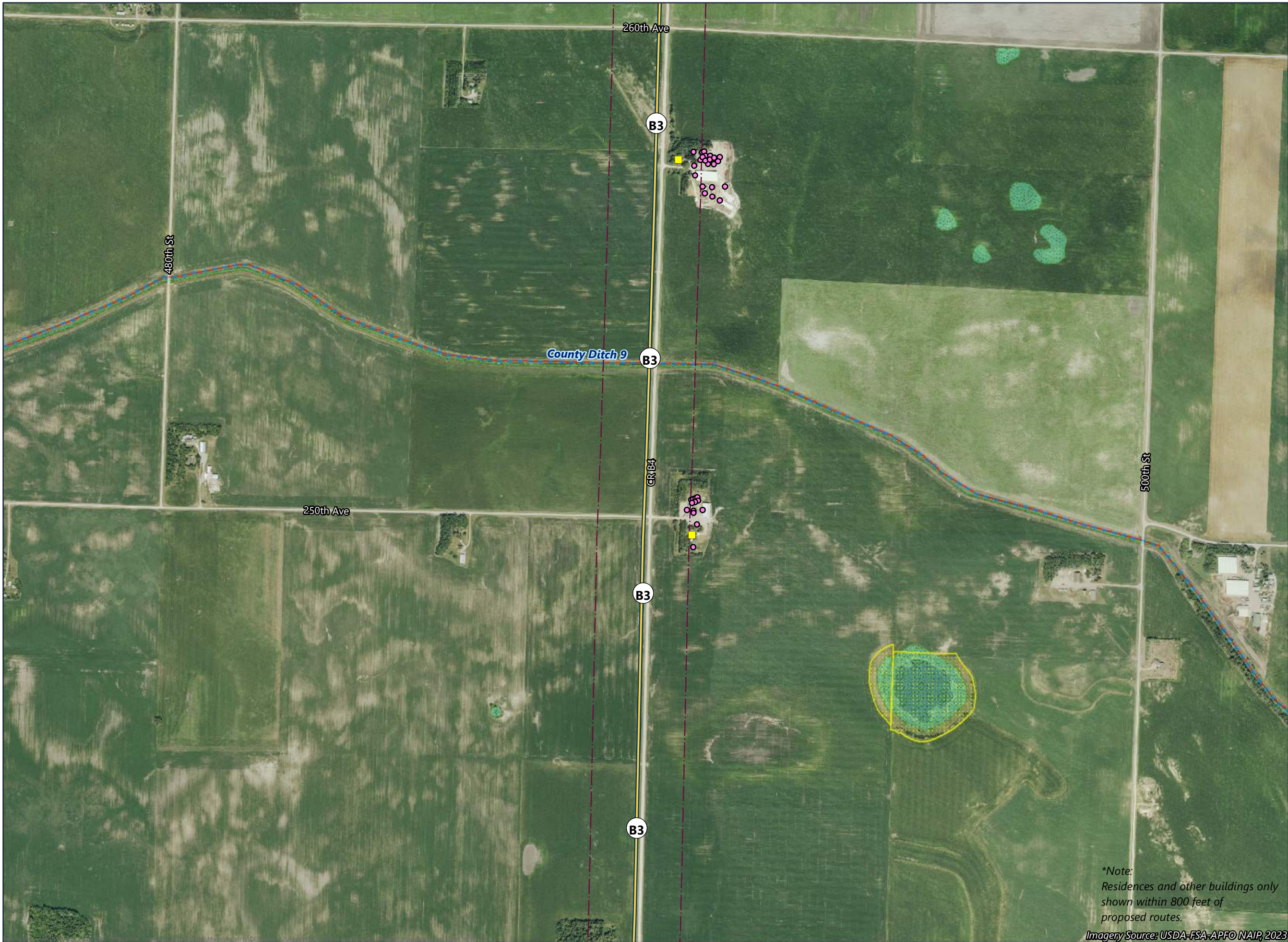


- Route Segment B1 (Purple Route)
- Route Segment (incorporates alternative[s])
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- Existing Transmission Line
- State Water Trail
- Wild and Scenic Recreational Rivers
- Snowmobile Trail
- PWI Watercourse
- MPCA Impaired Stream
- Non-Forested Wetland
- NHD Watercourse
- Native Plant Community
- Conservation Reserve Enhancement Program (CREP) Easement
- Floodplains**
  - 100-Year Floodplain
  - 500-Year Floodplain

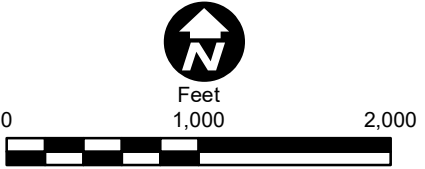


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Imagery Source: USDA-FSA-APFO NAIP, 2023



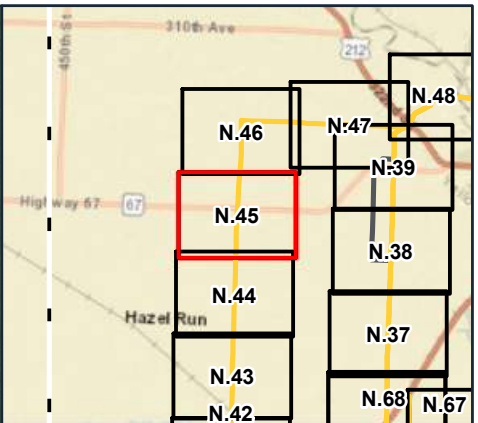
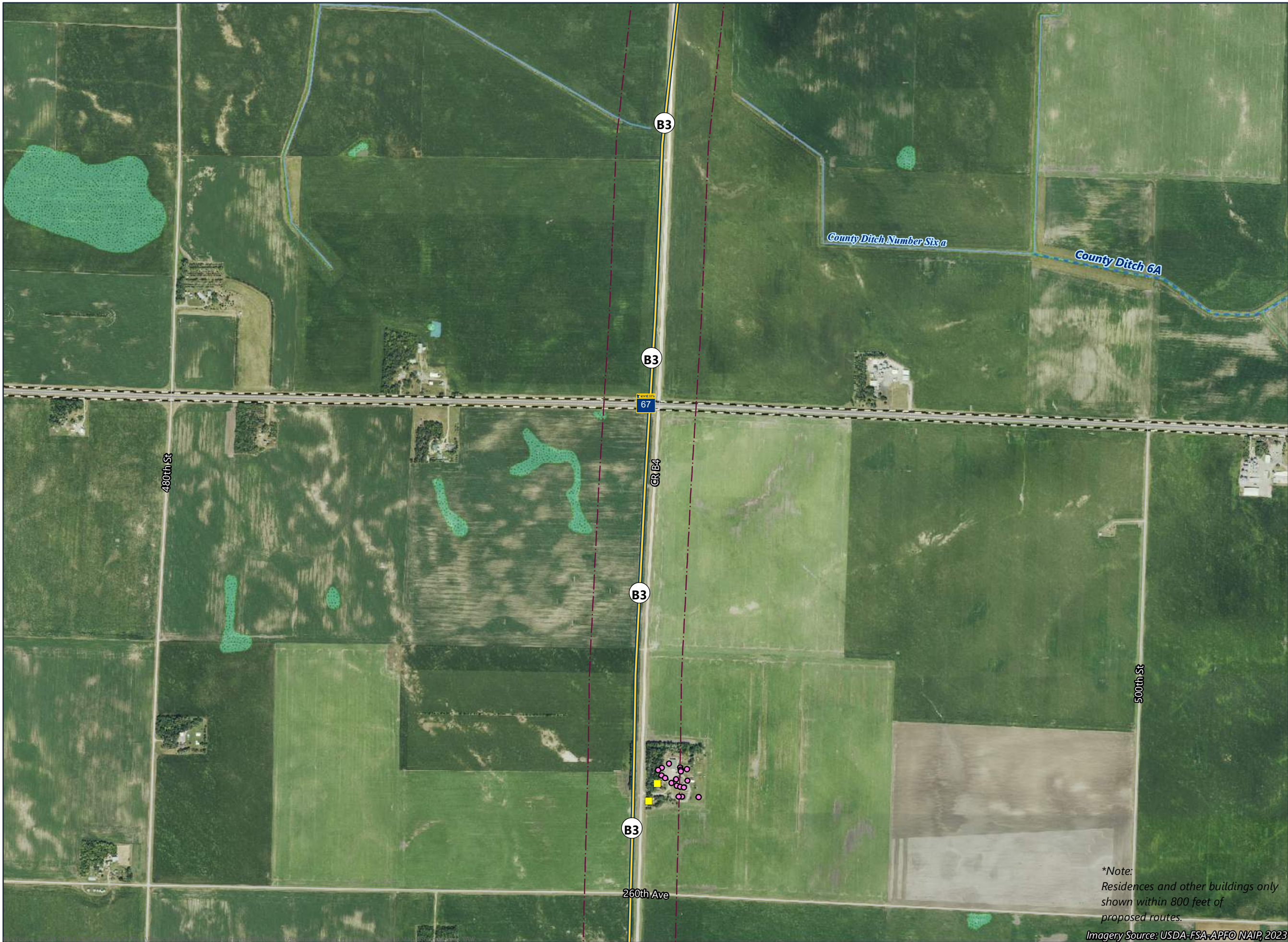
- Route Segment B1 (Purple Route)
- Route Segment (incorporates alternative[s])
- Route Width
- Residence Location\*
- Non-Residential Structure\*
- State Water Trail
- Wild and Scenic Recreational Rivers
- Snowmobile Trail
- PWI Watercourse
- MPCA Impaired Stream
- Non-Forested Wetland
- NHD Watercourse
- Native Plant Community
- Reinvest in Minnesota (RIM) Easement
- Floodplains**
  - 100-Year Floodplain
  - 500-Year Floodplain



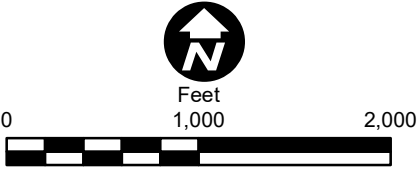
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Imagery Source: USDA-FSA-APFO NAIR, 2023

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



- Route Segment B1 (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
- Non-Forested Wetland
- NHD Watercourse
- Native Plant Community
- Floodplains**
  - 100-Year Floodplain
  - 500-Year Floodplain



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