



DAKOTA ACCESS, LLC

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**Exhibit A**  
**Project Mapping**

## **Exhibit A5**

### **USGS Landcover/Land Use Field Data Maps**

North  
Dakota

Campbell

MP 210.0

MP 210.5

MP 211.0

MP 211.5

MP 212.0

MP 212.5

MP 213.0

MP 213.5

MP 214.0

MP 214.5

MP 215.0

MP 215.5

MP 216.0



- Milepost
  - Proposed Route
- USGS NLCD Type**
- Open Water
  - Developed, Open Space
  - Developed, Low intensity
  - Barren Land
  - Deciduous Forest
  - Evergreen Forest
  - Mixed Forest

- Developed, Medium Intensity
- Developed, High Intensity

- Shrub/Scrub
- Grassland/Herbaceous
- Pasture/Hay
- Cultivated Crops
- Woody Wetlands
- Emergent Herbaceous Wetlands

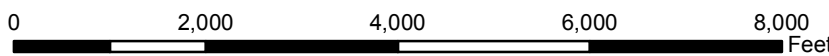
**Land Use Field Data Type**

- Haylands
- Pasturelands and rangelands
- Undisturbed native grassland
- Irrigated lands

- Land use primarily for row and no-row crops in rotation
- Public, commercial, and institutional use
- Residential
- Rural residences and farmsteads, family farms, and ranches

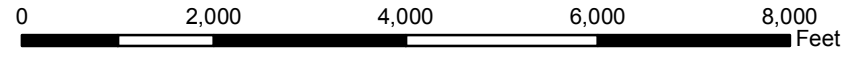
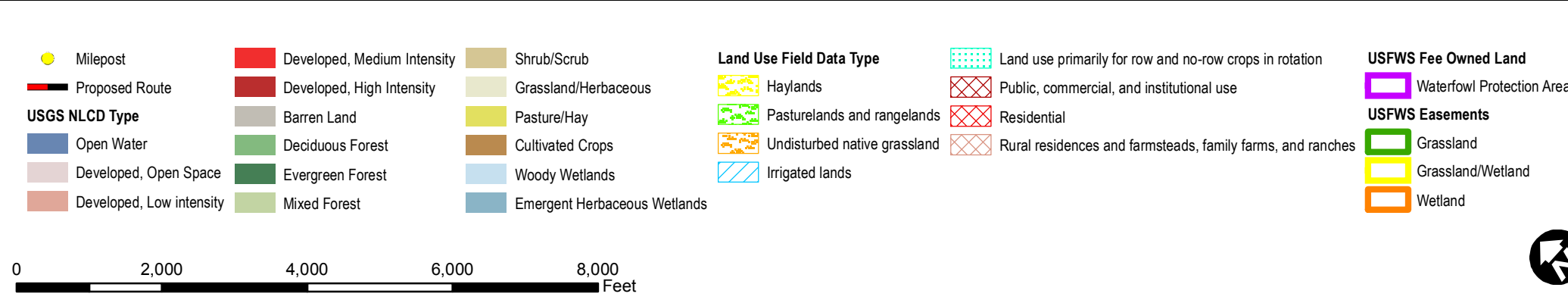
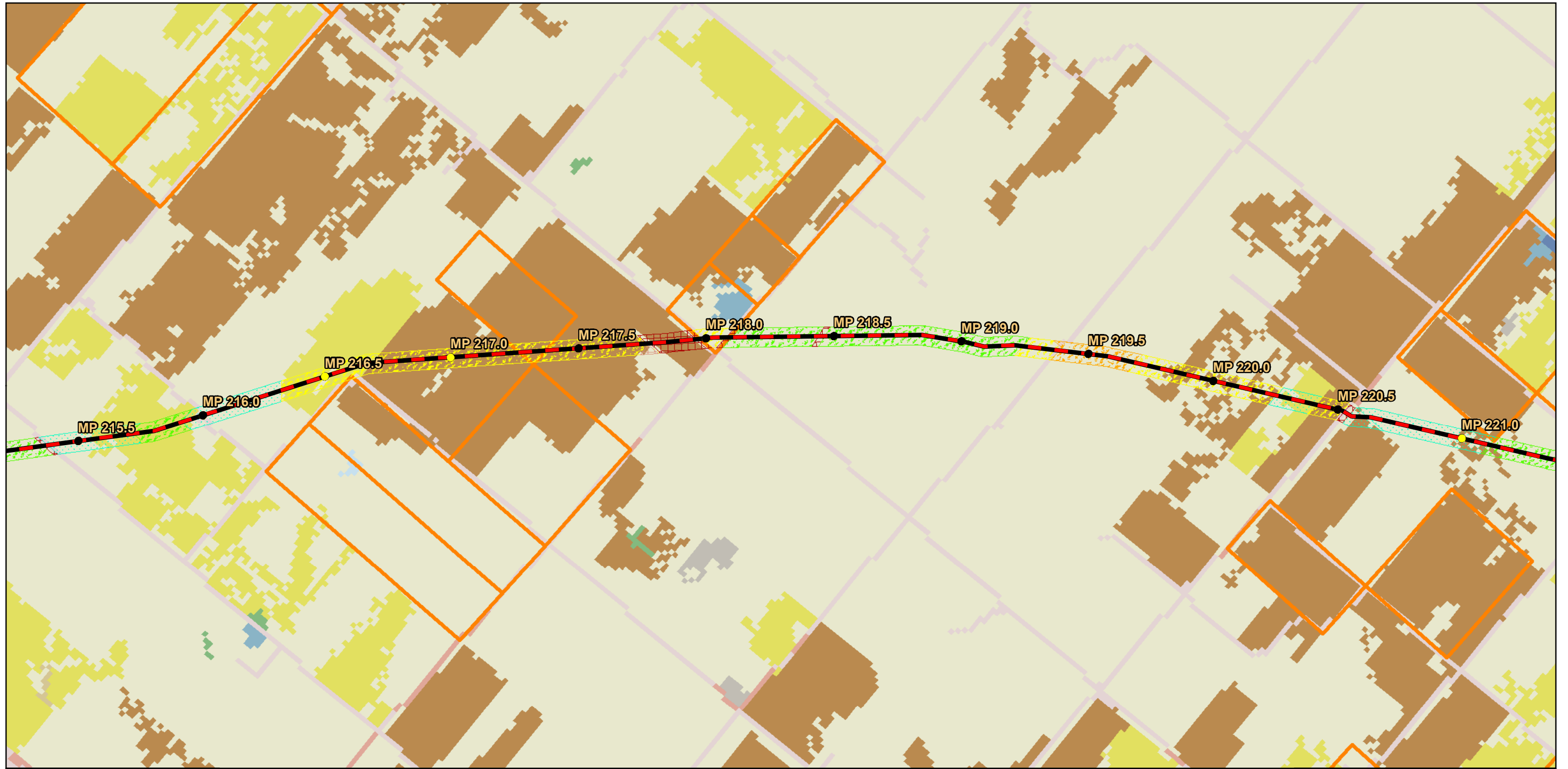
**USFWS Fee Owned Land**

- Waterfowl Protection Area
- USFWS Easements**
- Grassland
  - Grassland/Wetland
  - Wetland



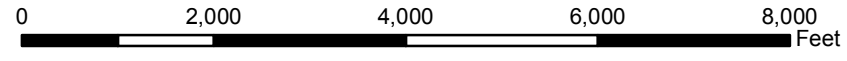
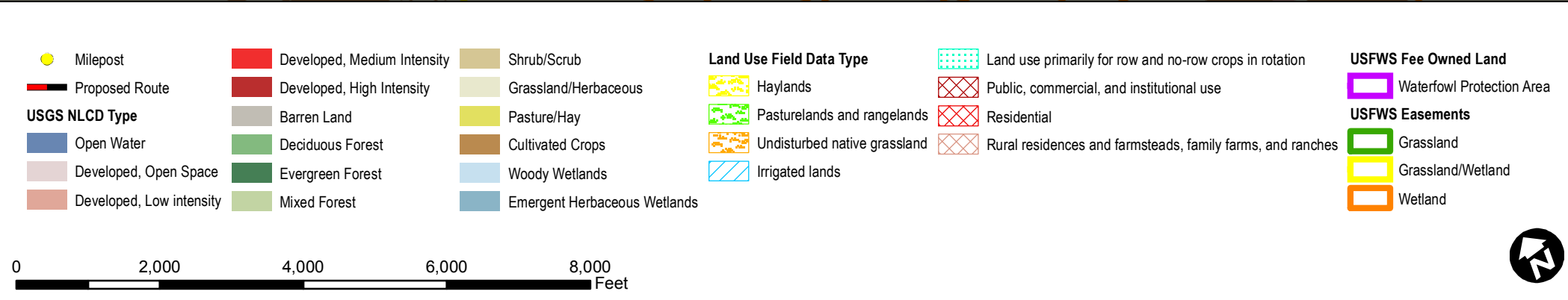
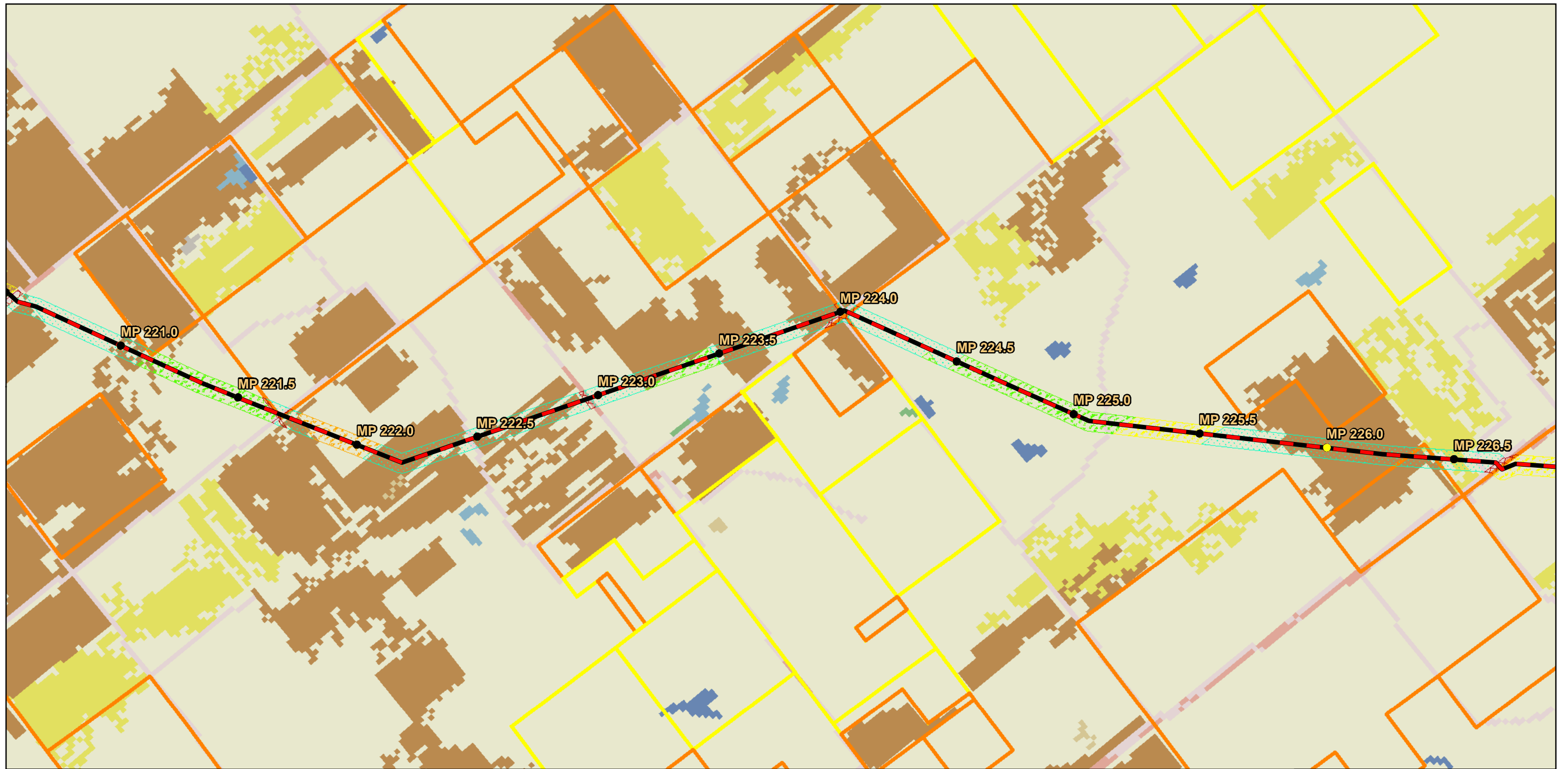
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Dakota Access Pipeline Project  
USGS Landcover/Land Use Field Data  
South Dakota**

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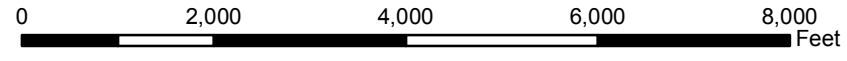
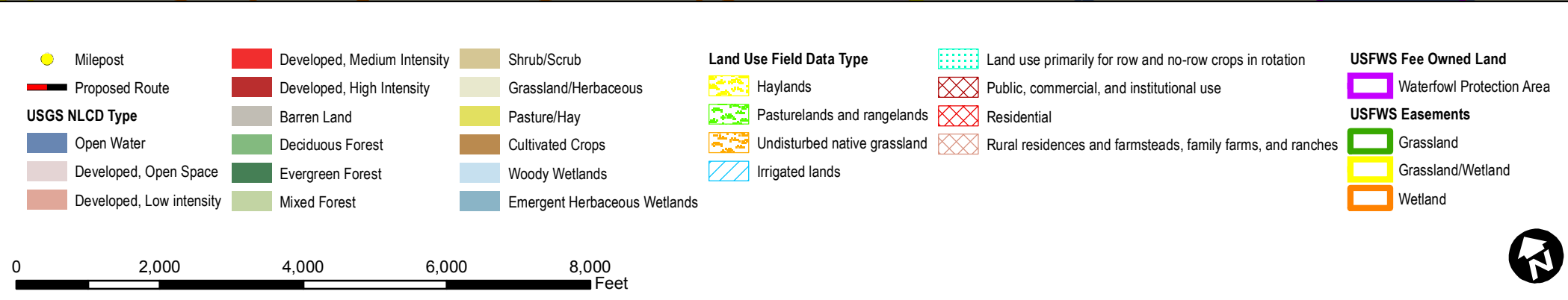
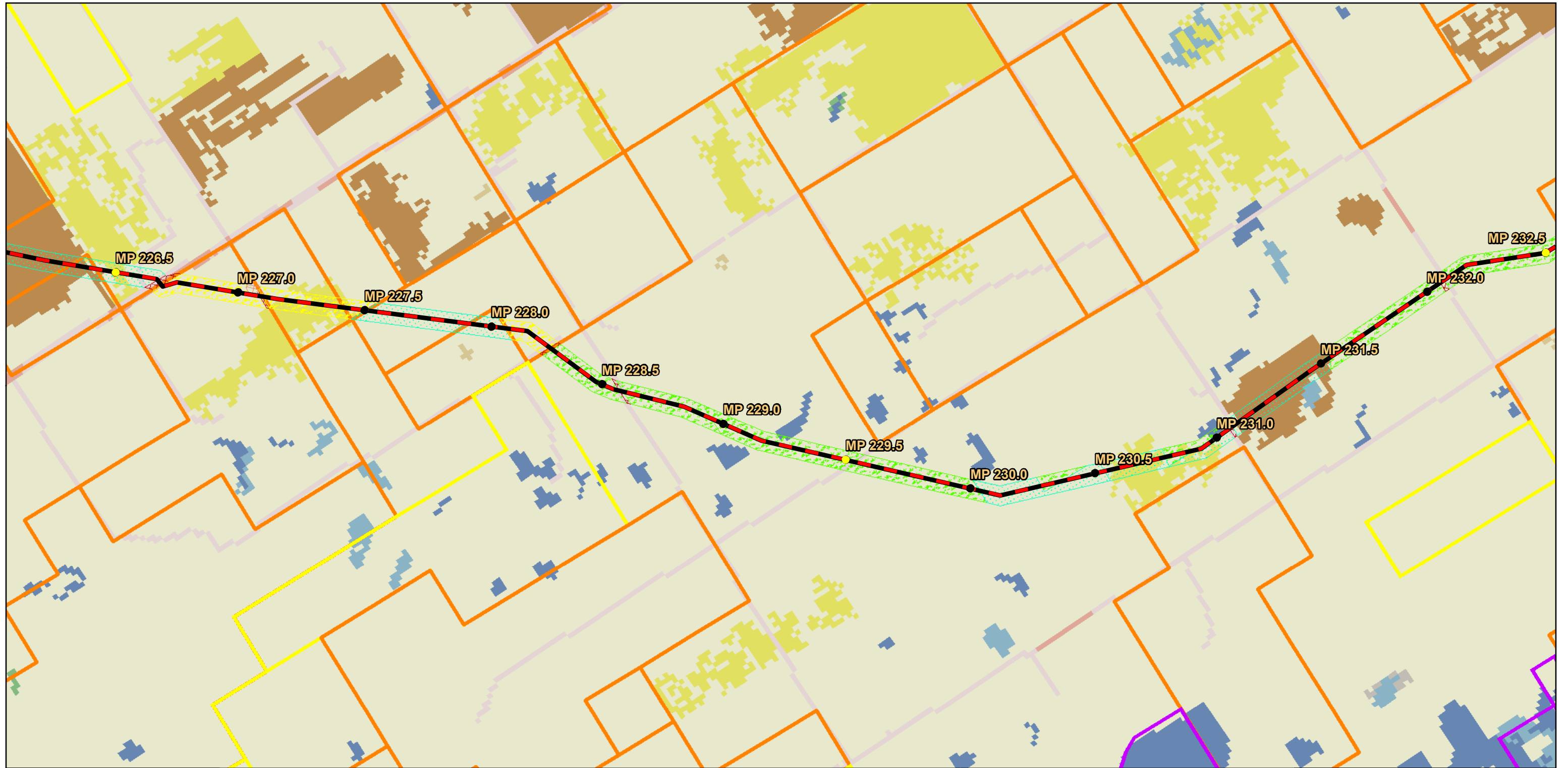
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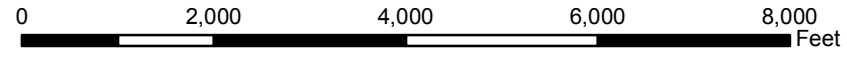
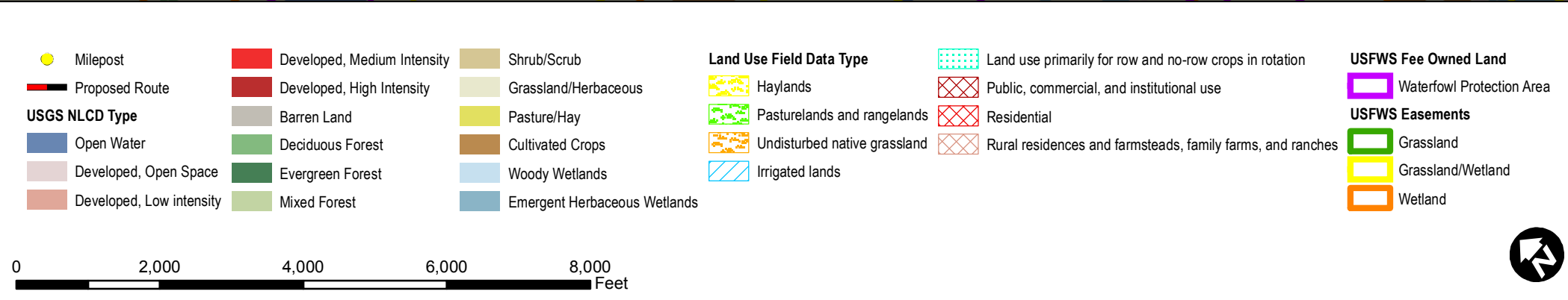
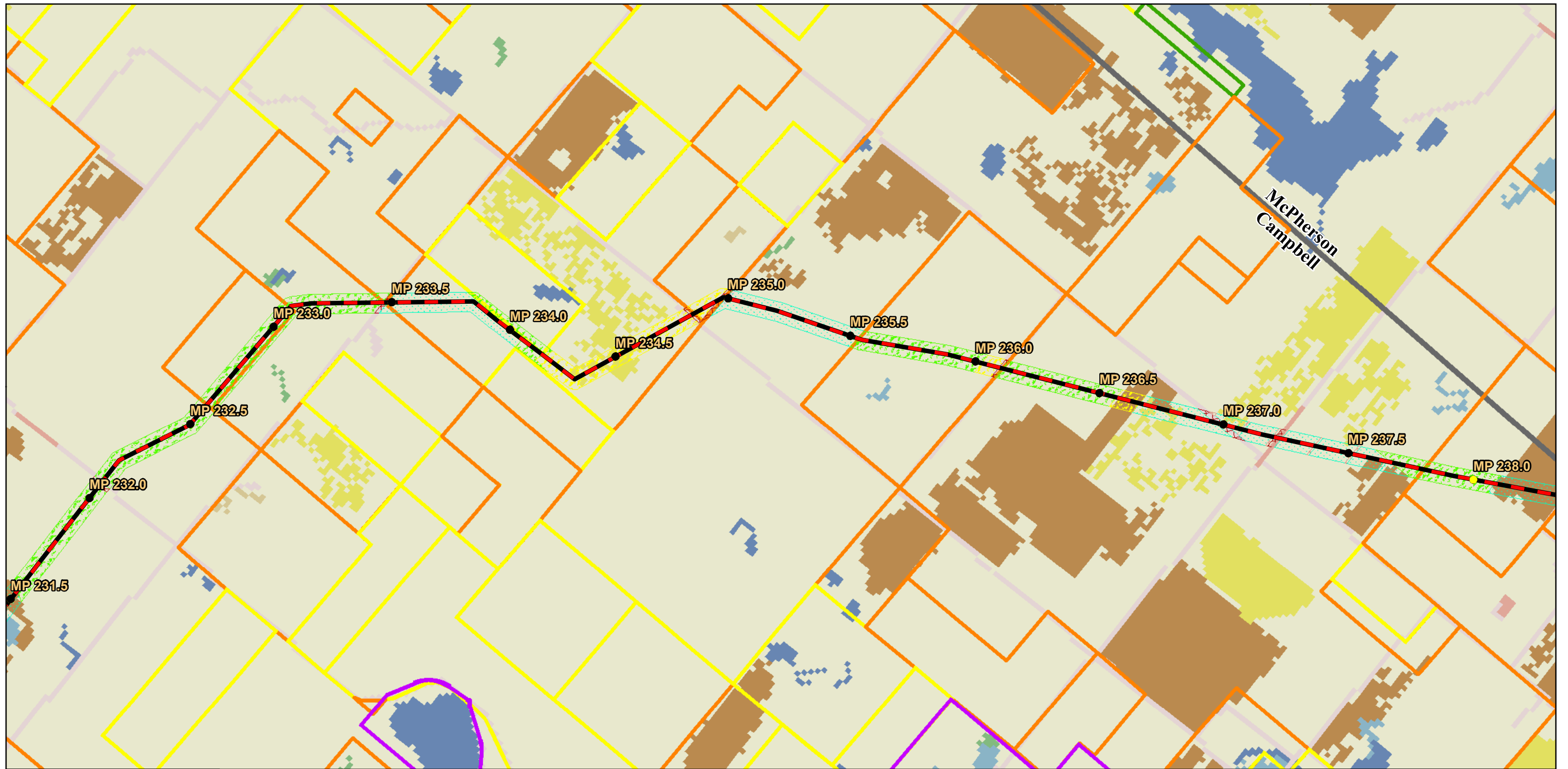
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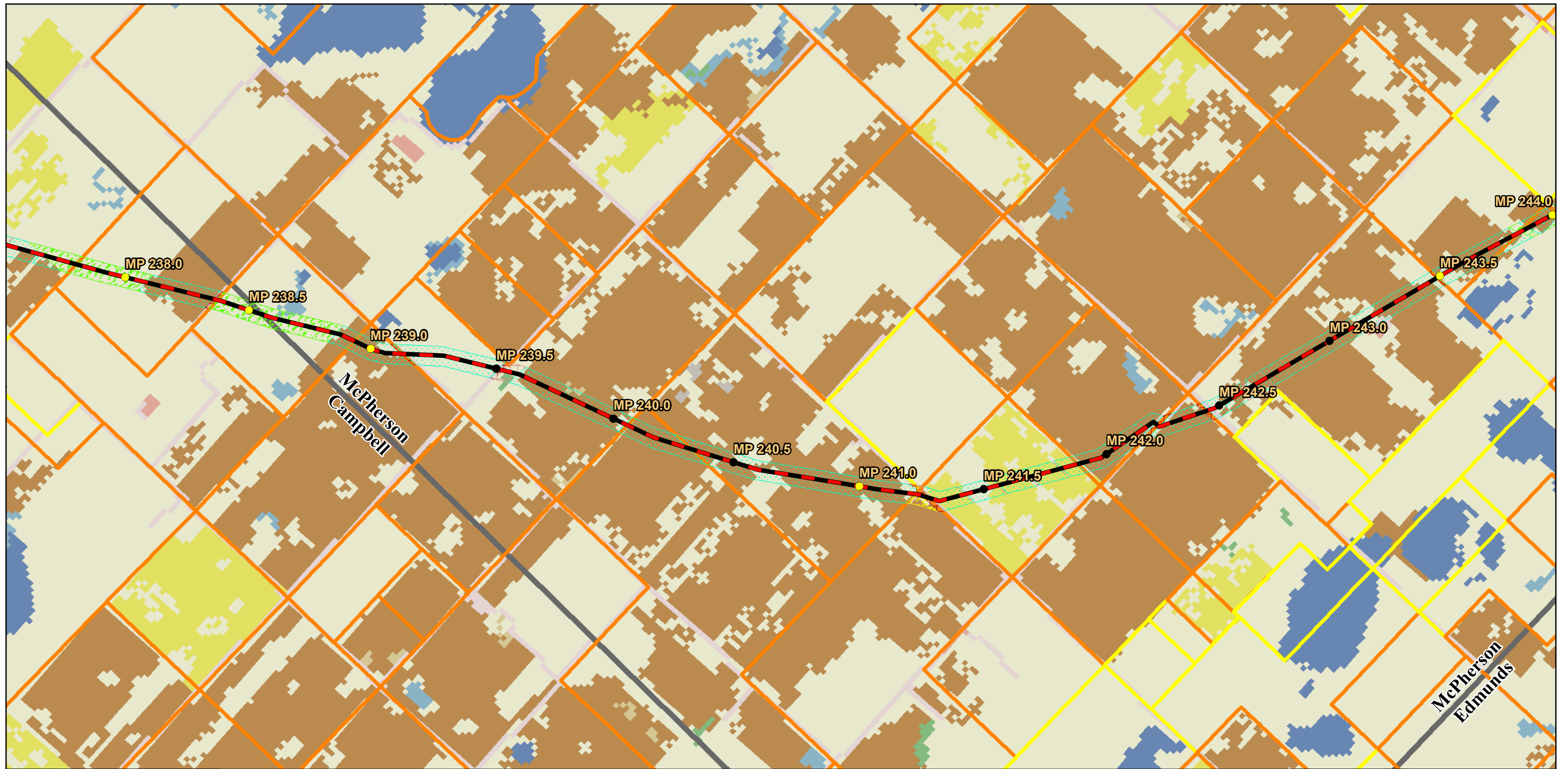




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<ul style="list-style-type: none"> <li><span style="color: yellow;">●</span> Milepost</li> <li><span style="border-bottom: 2px dashed black; width: 20px; display: inline-block;"></span> Proposed Route</li> </ul> <p><b>USGS NLCD Type</b></p> <ul style="list-style-type: none"> <li><span style="background-color: blue; width: 15px; height: 10px; display: inline-block;"></span> Open Water</li> <li><span style="background-color: lightgrey; width: 15px; height: 10px; display: inline-block;"></span> Developed, Open Space</li> <li><span style="background-color: lightcoral; width: 15px; height: 10px; display: inline-block;"></span> Developed, Low intensity</li> <li><span style="background-color: red; width: 15px; height: 10px; display: inline-block;"></span> Developed, Medium Intensity</li> <li><span style="background-color: darkred; width: 15px; height: 10px; display: inline-block;"></span> Developed, High Intensity</li> <li><span style="background-color: grey; width: 15px; height: 10px; display: inline-block;"></span> Barren Land</li> <li><span style="background-color: green; width: 15px; height: 10px; display: inline-block;"></span> Deciduous Forest</li> <li><span style="background-color: darkgreen; width: 15px; height: 10px; display: inline-block;"></span> Evergreen Forest</li> <li><span style="background-color: lightgreen; width: 15px; height: 10px; display: inline-block;"></span> Mixed Forest</li> <li><span style="background-color: tan; width: 15px; height: 10px; display: inline-block;"></span> Shrub/Scrub</li> <li><span style="background-color: lightyellow; width: 15px; height: 10px; display: inline-block;"></span> Grassland/Herbaceous</li> <li><span style="background-color: yellow; width: 15px; height: 10px; display: inline-block;"></span> Pasture/Hay</li> <li><span style="background-color: brown; width: 15px; height: 10px; display: inline-block;"></span> Cultivated Crops</li> <li><span style="background-color: lightblue; width: 15px; height: 10px; display: inline-block;"></span> Woody Wetlands</li> <li><span style="background-color: blue; width: 15px; height: 10px; display: inline-block;"></span> Emergent Herbaceous Wetlands</li> </ul>	<p><b>Land Use Field Data Type</b></p> <ul style="list-style-type: none"> <li><span style="background-color: yellow; border: 1px solid black; width: 15px; height: 10px; display: inline-block;"></span> Haylands</li> <li><span style="background-color: green; border: 1px solid black; width: 15px; height: 10px; display: inline-block;"></span> Pasturelands and rangelands</li> <li><span style="background-color: orange; border: 1px solid black; width: 15px; height: 10px; display: inline-block;"></span> Undisturbed native grassland</li> <li><span style="background-color: lightblue; border: 1px solid black; width: 15px; height: 10px; display: inline-block;"></span> Irrigated lands</li> <li><span style="background-color: lightyellow; border: 1px solid black; width: 15px; height: 10px; display: inline-block;"></span> Land use primarily for row and no-row crops in rotation</li> <li><span style="border: 1px solid black; width: 15px; height: 10px; display: inline-block;"></span> Public, commercial, and institutional use</li> <li><span style="border: 1px solid black; width: 15px; height: 10px; display: inline-block;"></span> Residential</li> <li><span style="border: 1px solid black; width: 15px; height: 10px; display: inline-block;"></span> Rural residences and farmsteads, family farms, and ranches</li> </ul>	<p><b>USFWS Fee Owned Land</b></p> <ul style="list-style-type: none"> <li><span style="border: 2px solid purple; width: 15px; height: 10px; display: inline-block;"></span> Waterfowl Protection Area</li> </ul> <p><b>USFWS Easements</b></p> <ul style="list-style-type: none"> <li><span style="border: 2px solid green; width: 15px; height: 10px; display: inline-block;"></span> Grassland</li> <li><span style="border: 2px solid yellow; width: 15px; height: 10px; display: inline-block;"></span> Grassland/Wetland</li> <li><span style="border: 2px solid orange; width: 15px; height: 10px; display: inline-block;"></span> Wetland</li> </ul>
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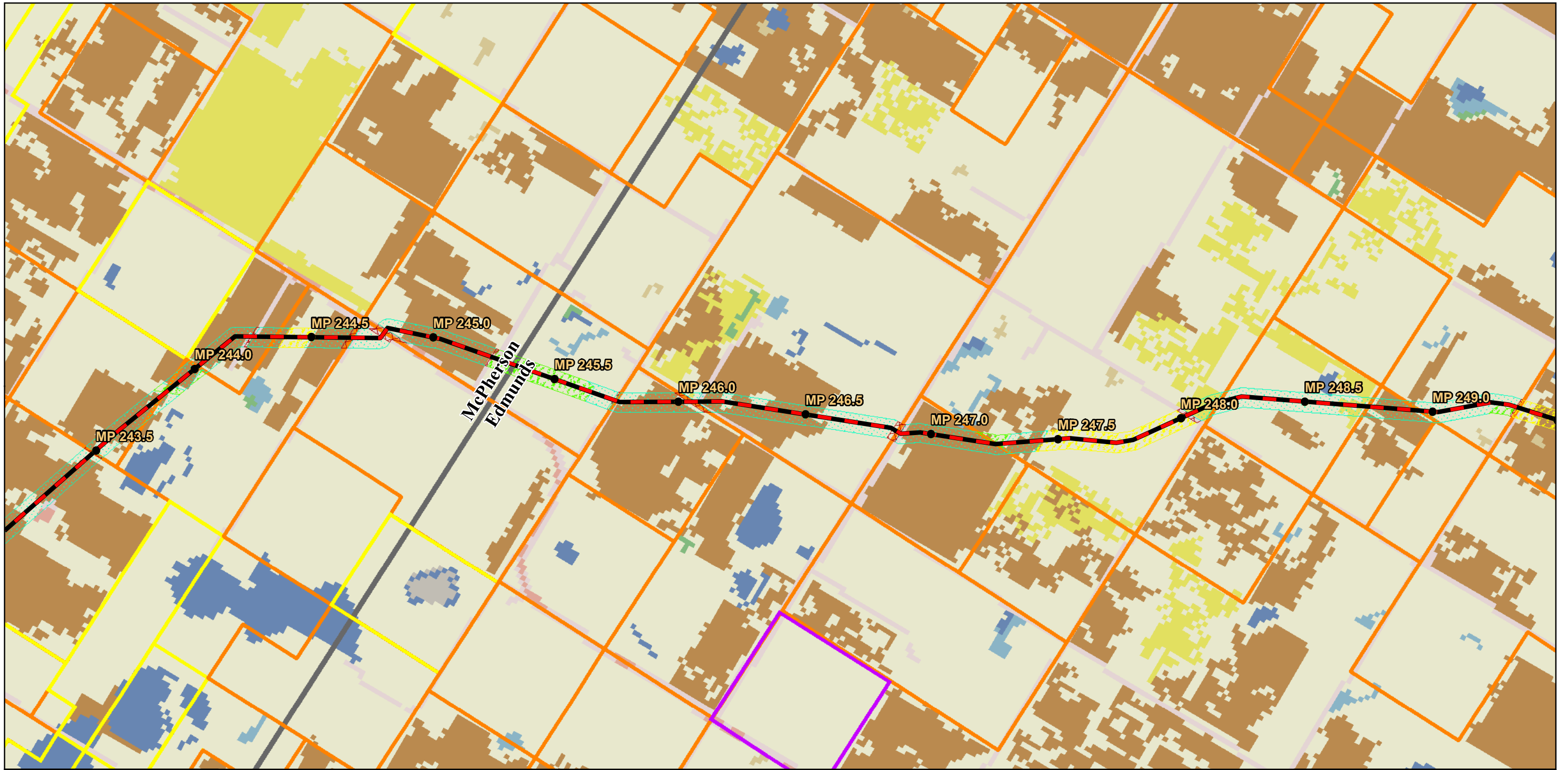
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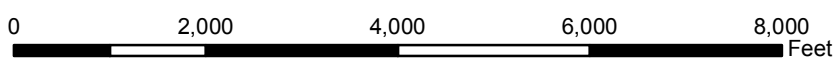
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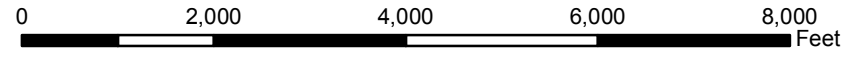
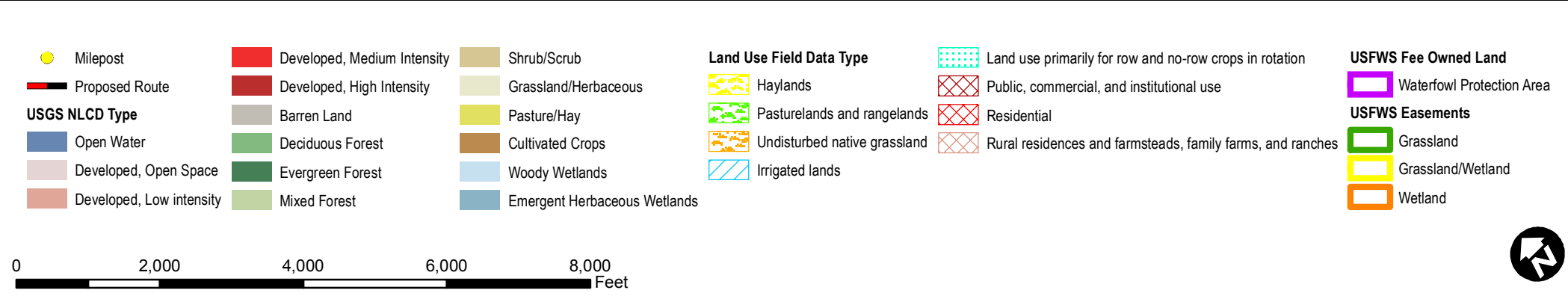
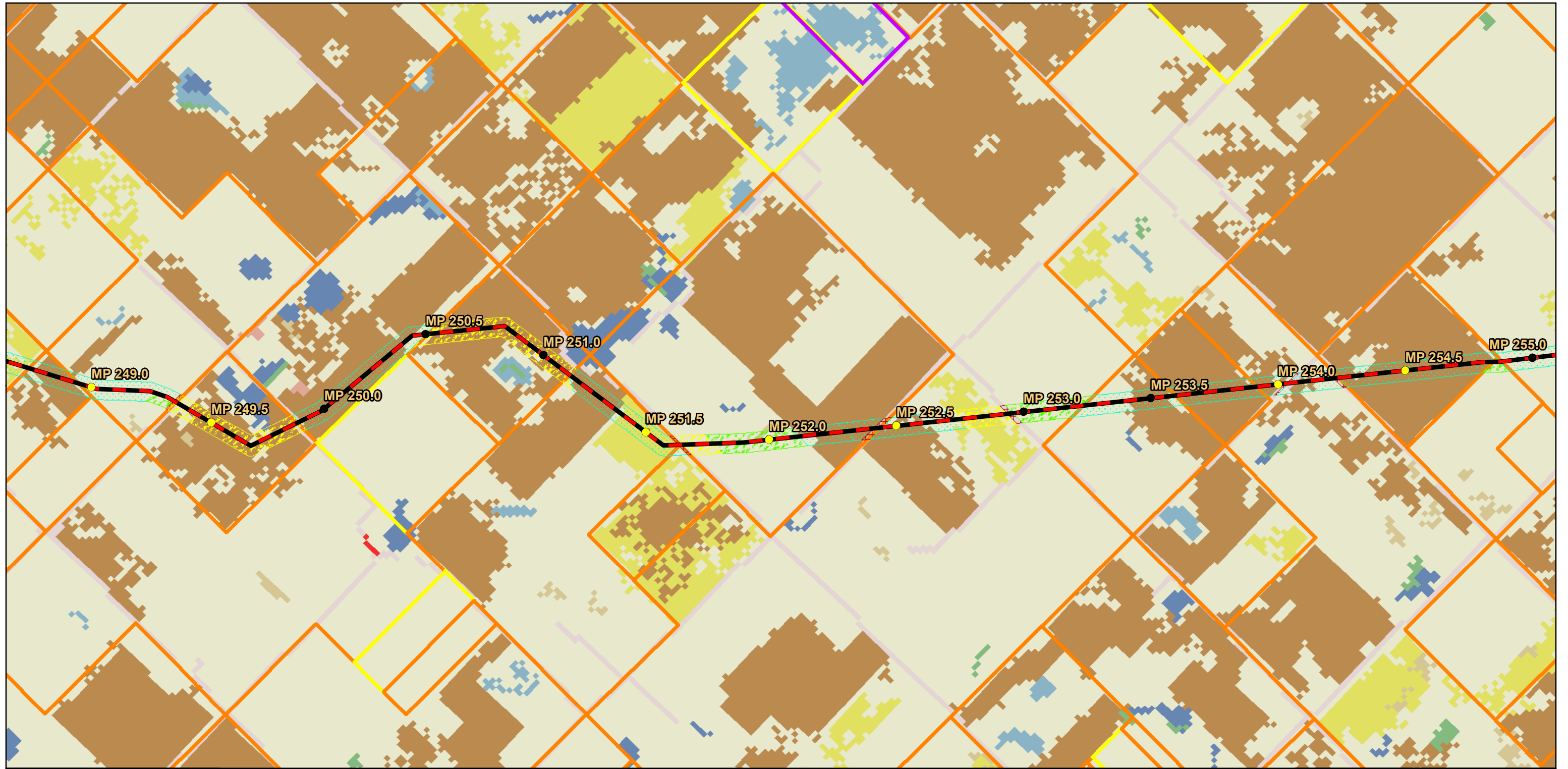
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|----------------------------|-------------------------------|--------------------------------|---------------------------------|--|
| ● Milepost                 | ■ Developed, Medium Intensity | ■ Shrub/Scrub                  | <b>Land Use Field Data Type</b> | ■ Land use primarily for row and no-row crops in rotation    |
| — Proposed Route           | ■ Developed, High Intensity   | ■ Grassland/Herbaceous         | ■ Haylands                      | ■ Public, commercial, and institutional use                  |
| <b>USGS NLCD Type</b>      | ■ Barren Land                 | ■ Pasture/Hay                  | ■ Pasturelands and rangelands   | ■ Residential  |
| ■ Open Water               | ■ Deciduous Forest            | ■ Cultivated Crops             | ■ Undisturbed native grassland  | ■ Rural residences and farmsteads, family farms, and ranches |
| ■ Developed, Open Space    | ■ Evergreen Forest            | ■ Woody Wetlands               | ■ Irrigated lands               |  |
| ■ Developed, Low intensity | ■ Mixed Forest                | ■ Emergent Herbaceous Wetlands |                                 |  |

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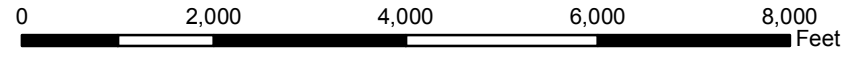
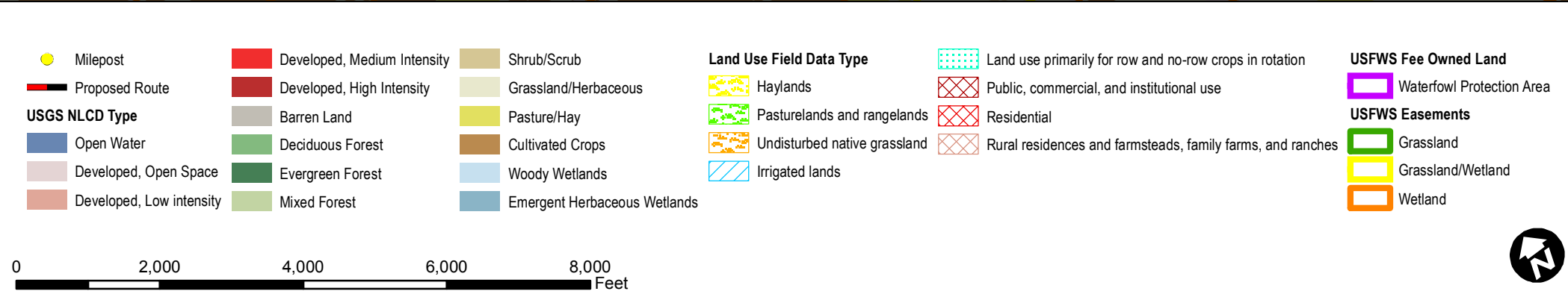
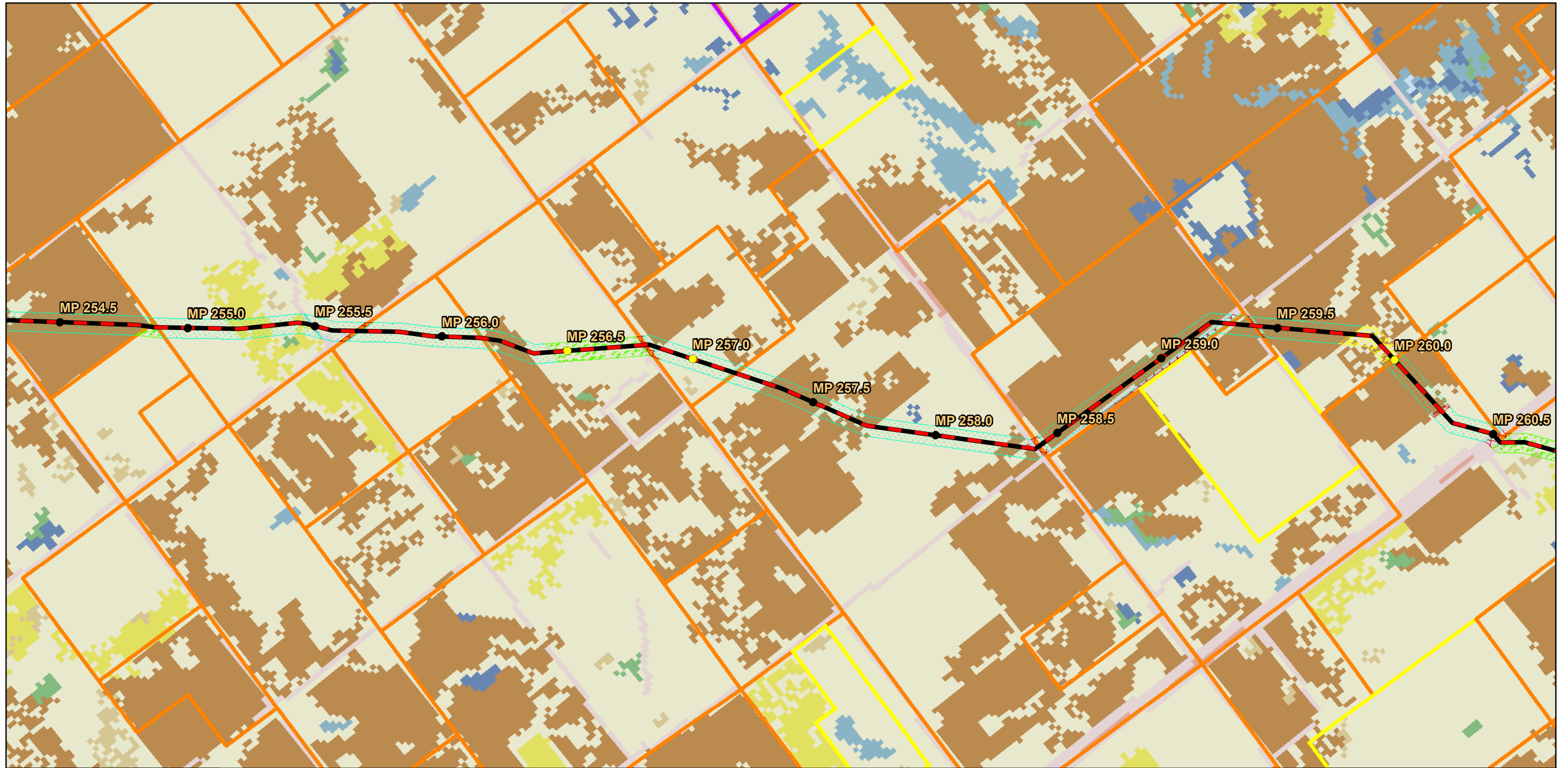
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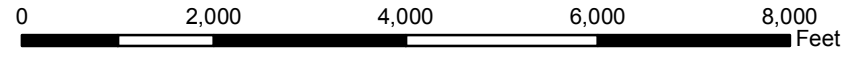
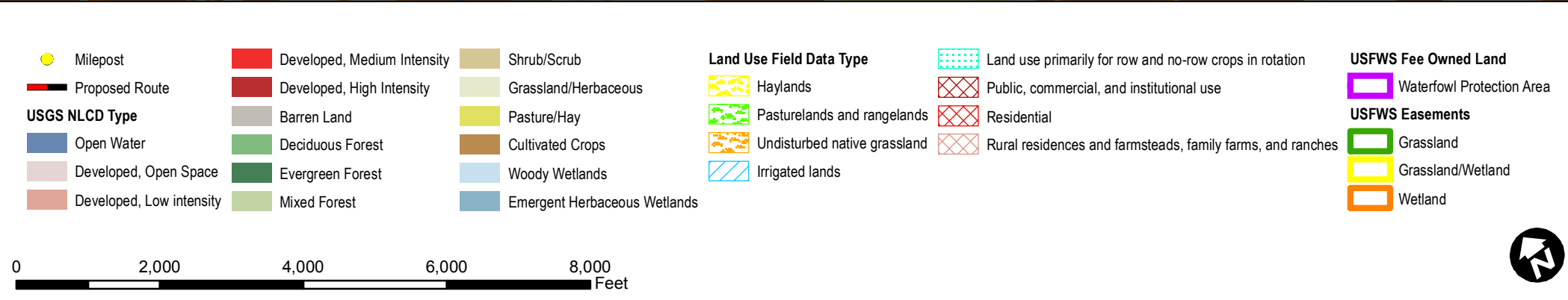
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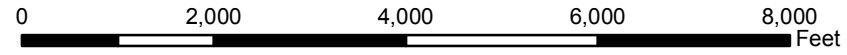
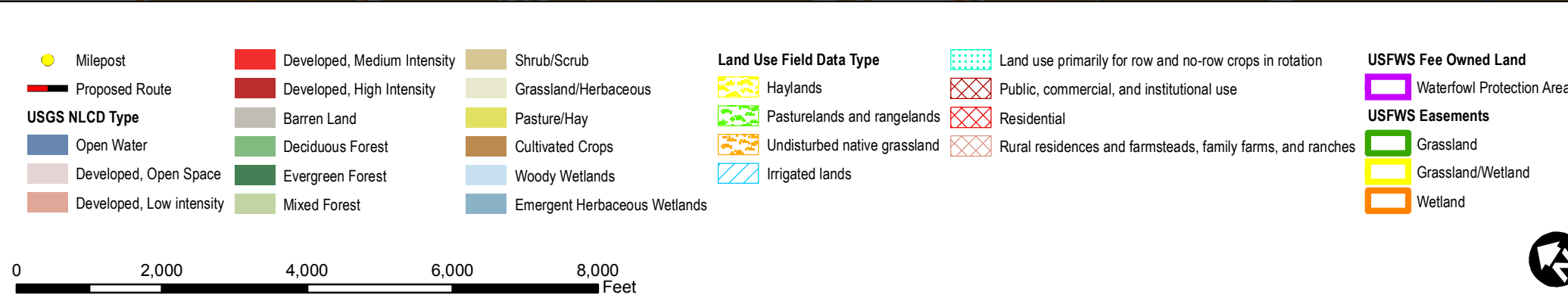
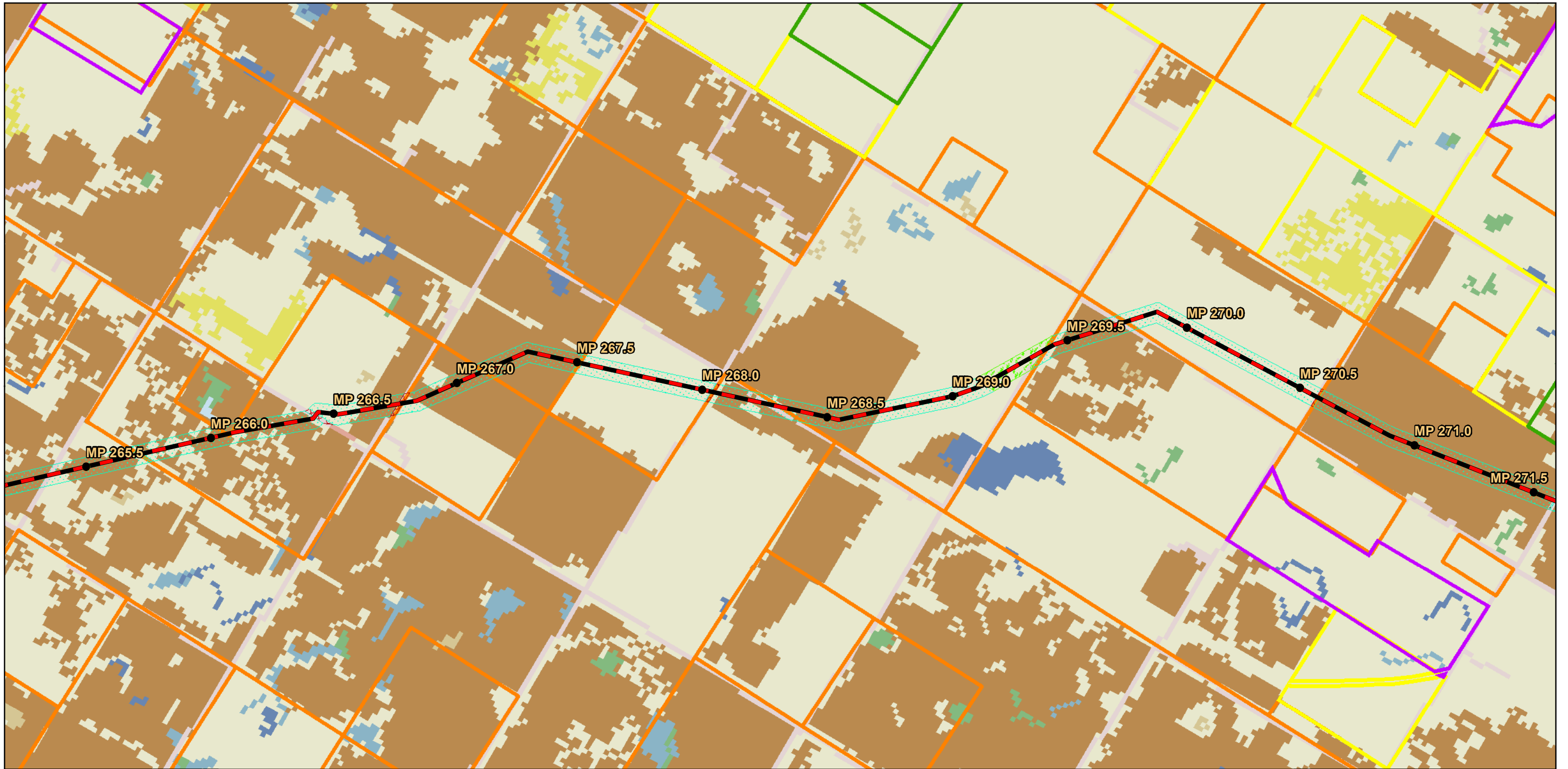
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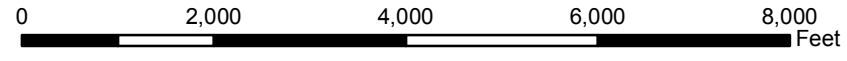
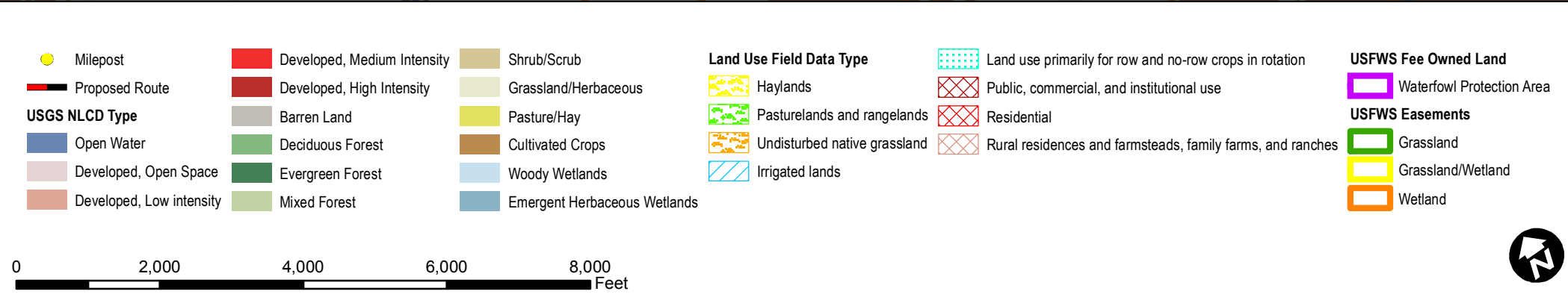
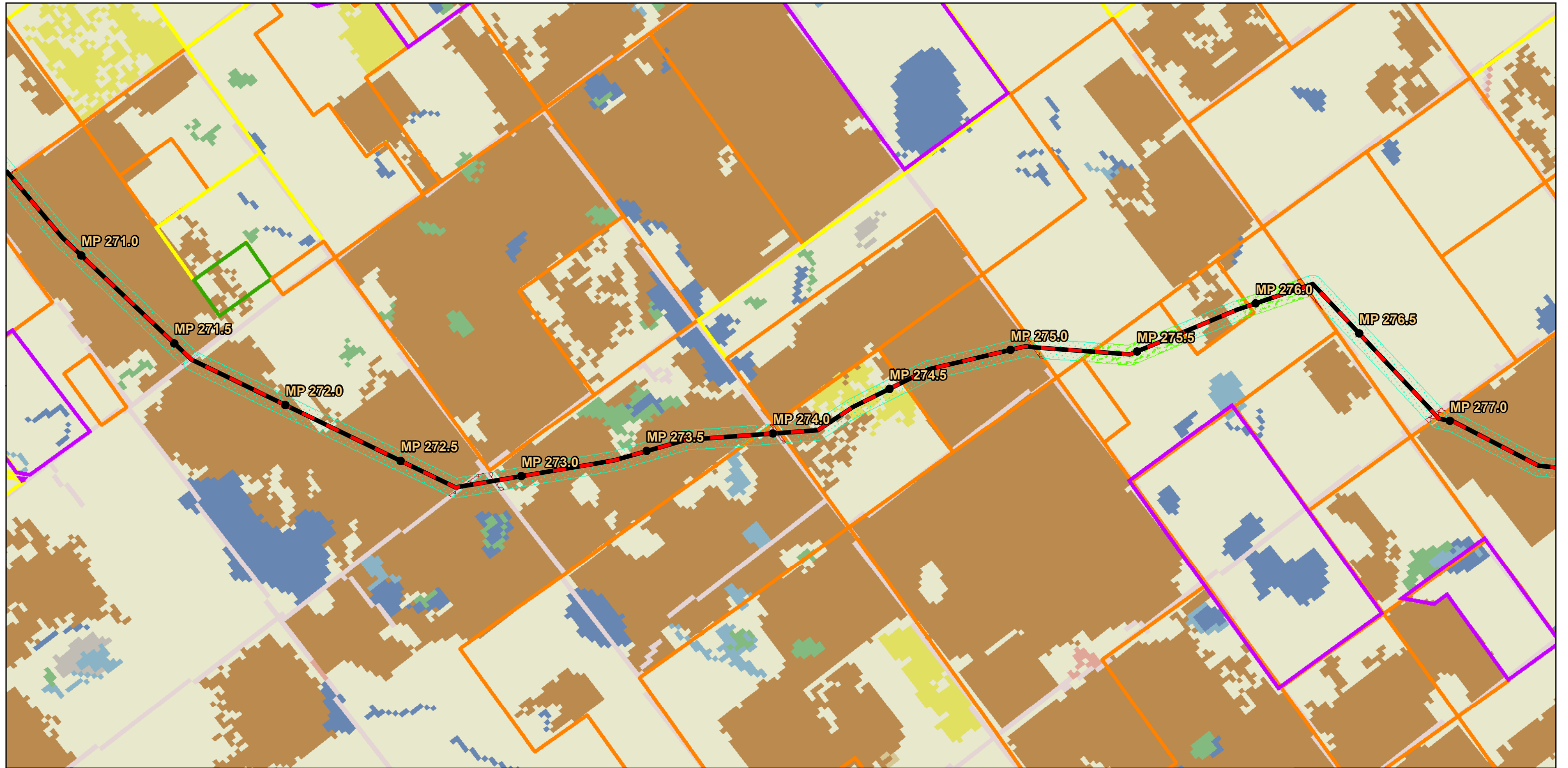
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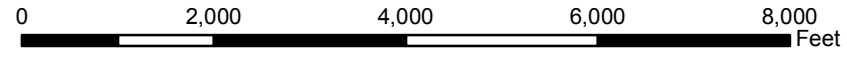
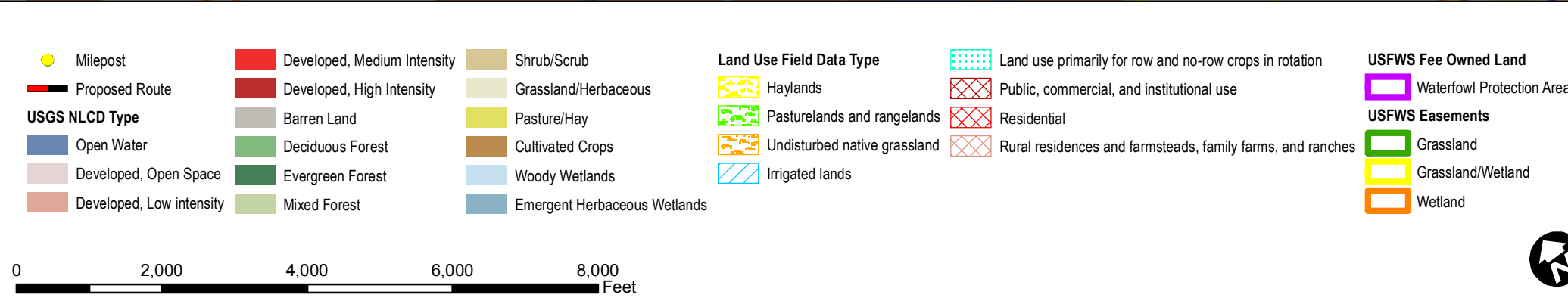
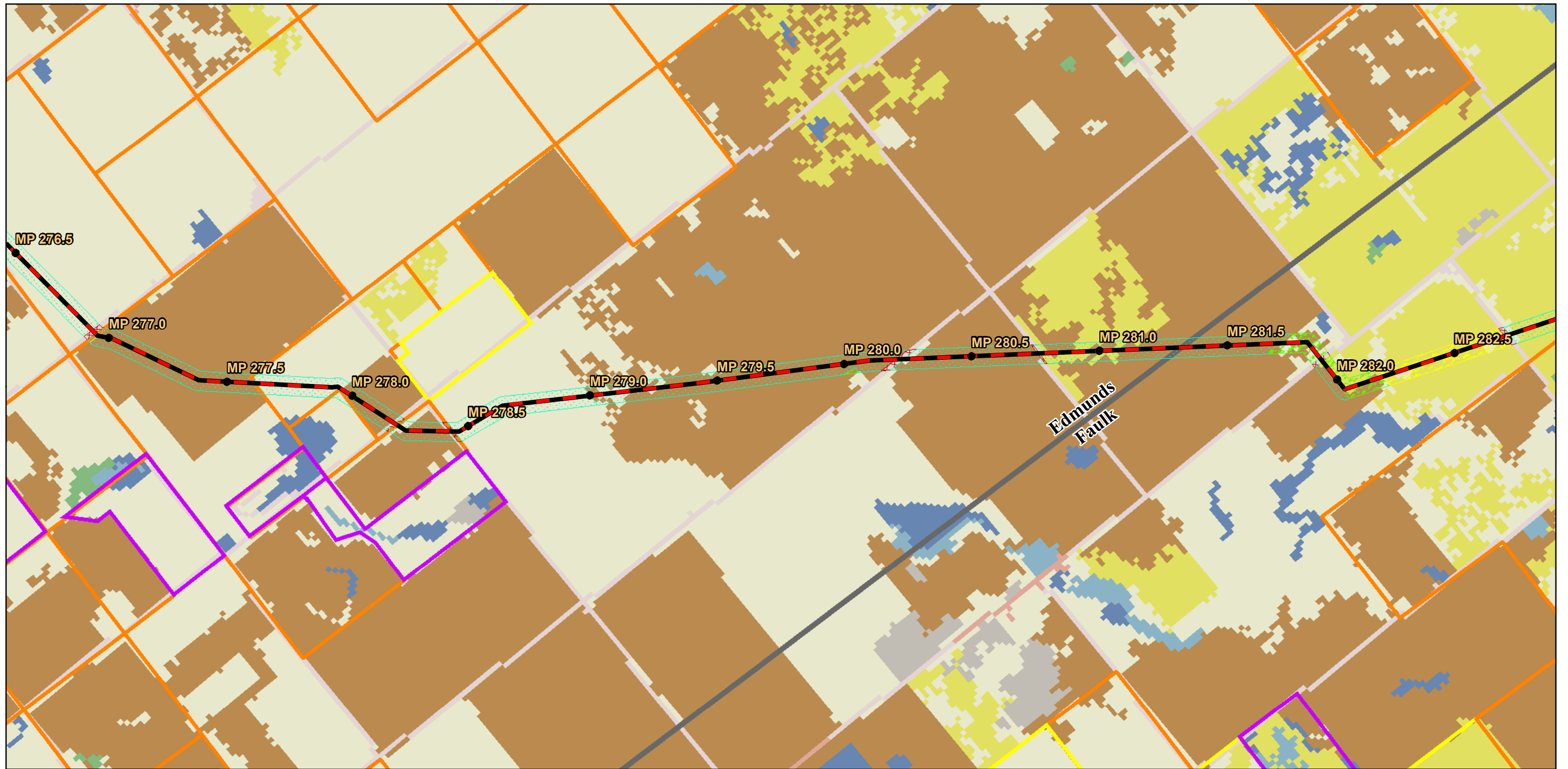
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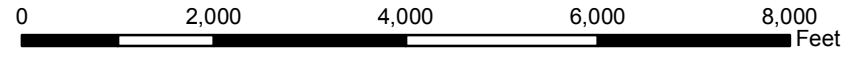
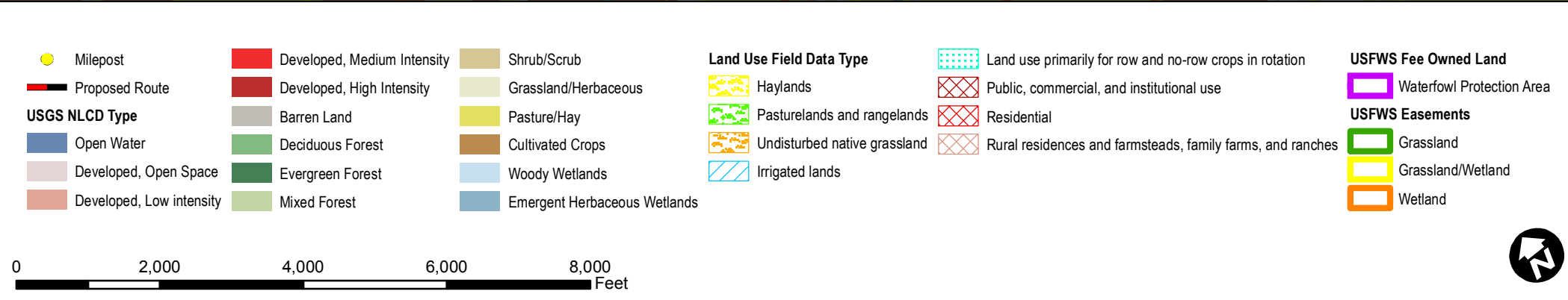
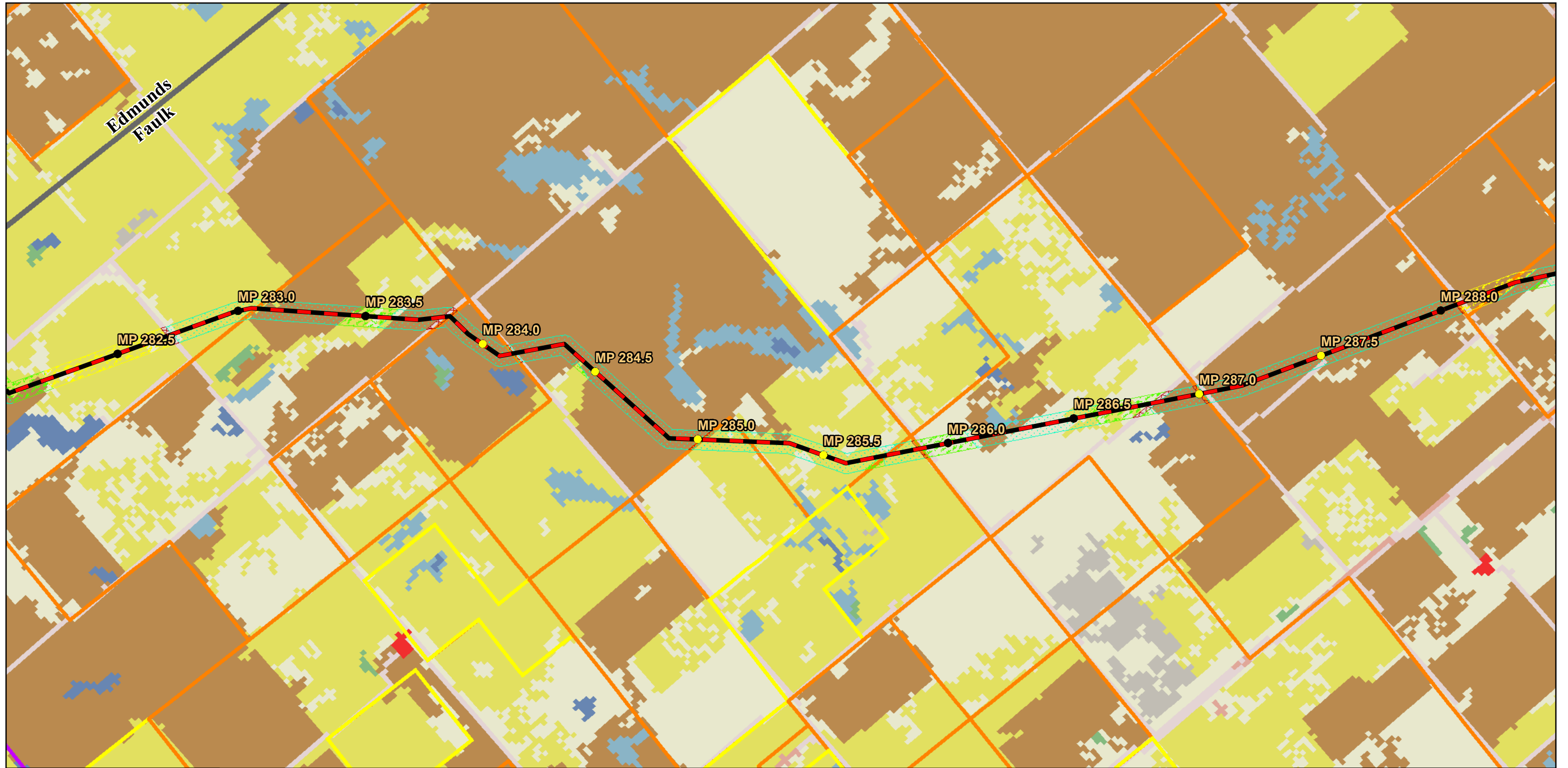


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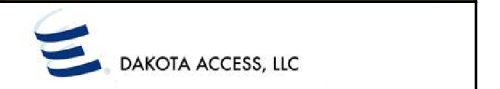
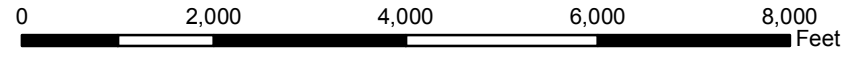
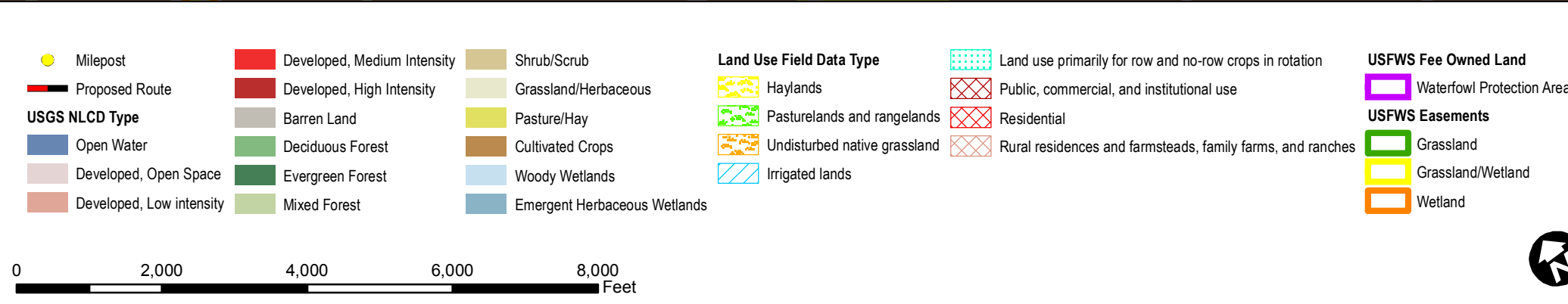
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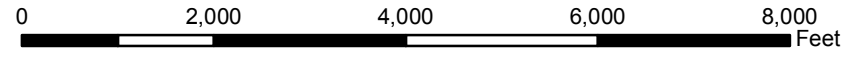
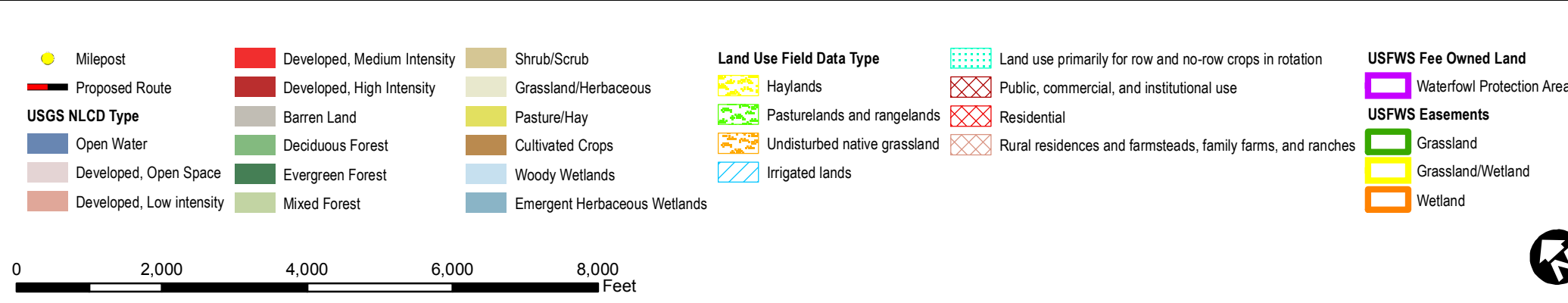
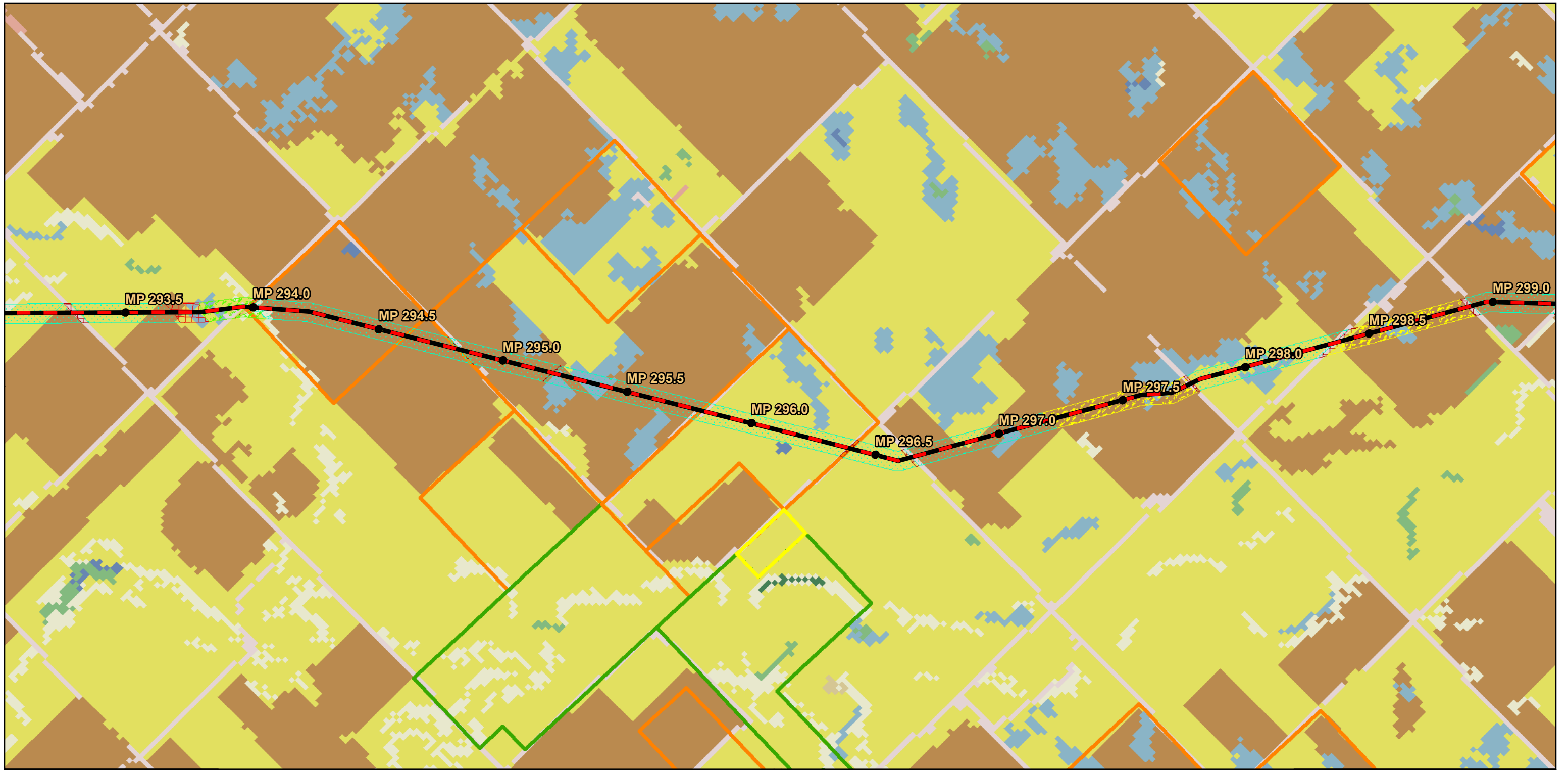
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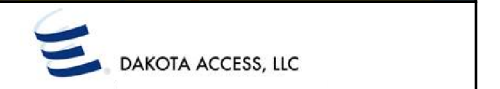
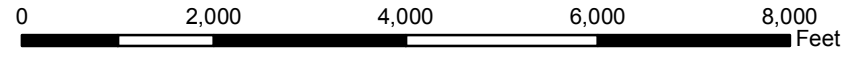
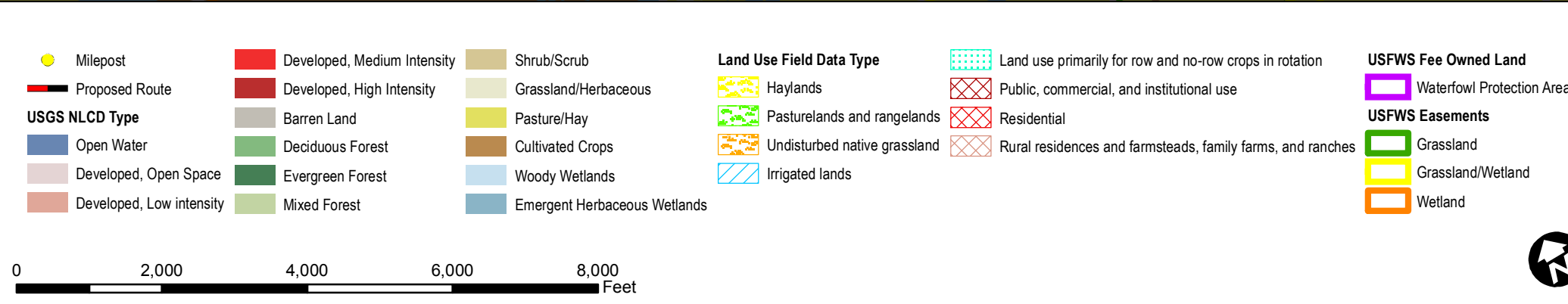
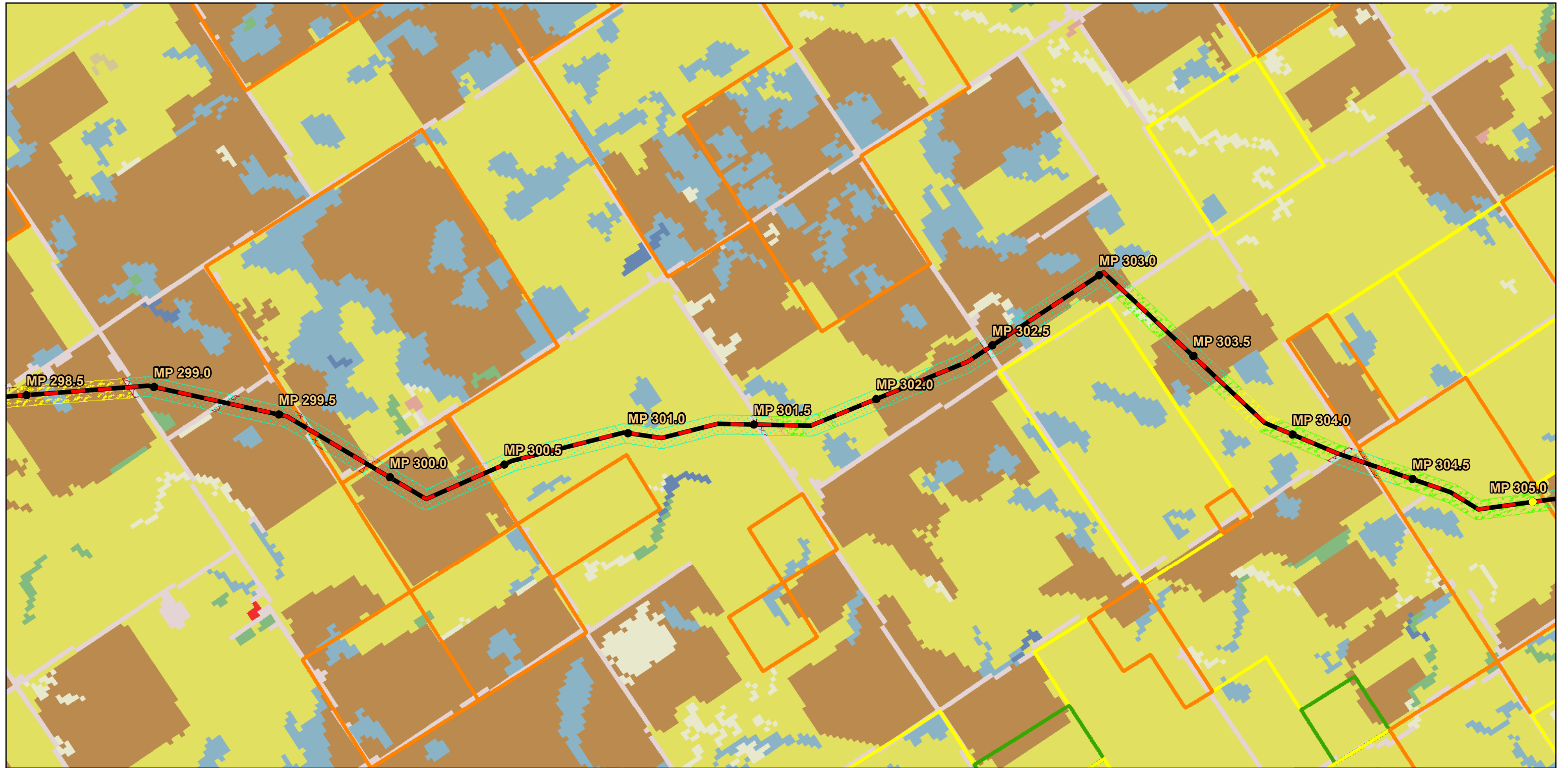
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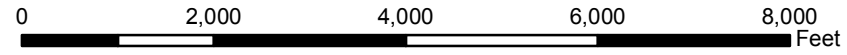
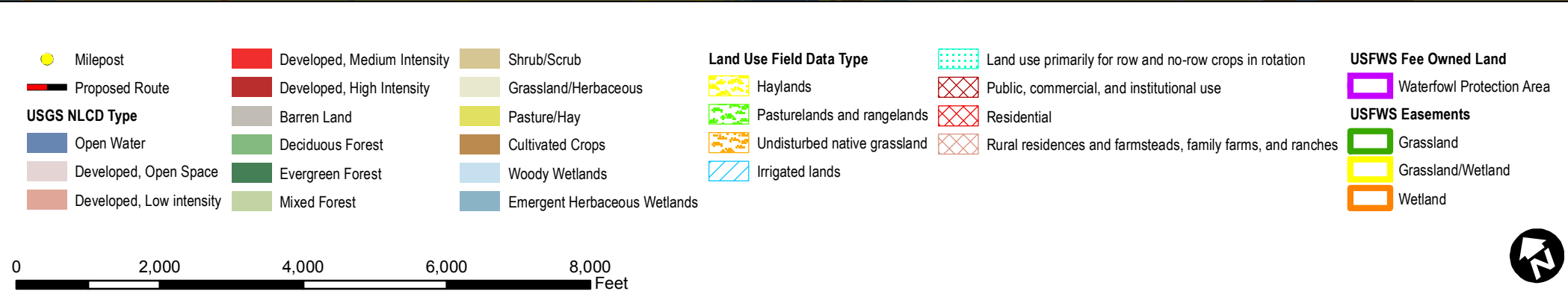
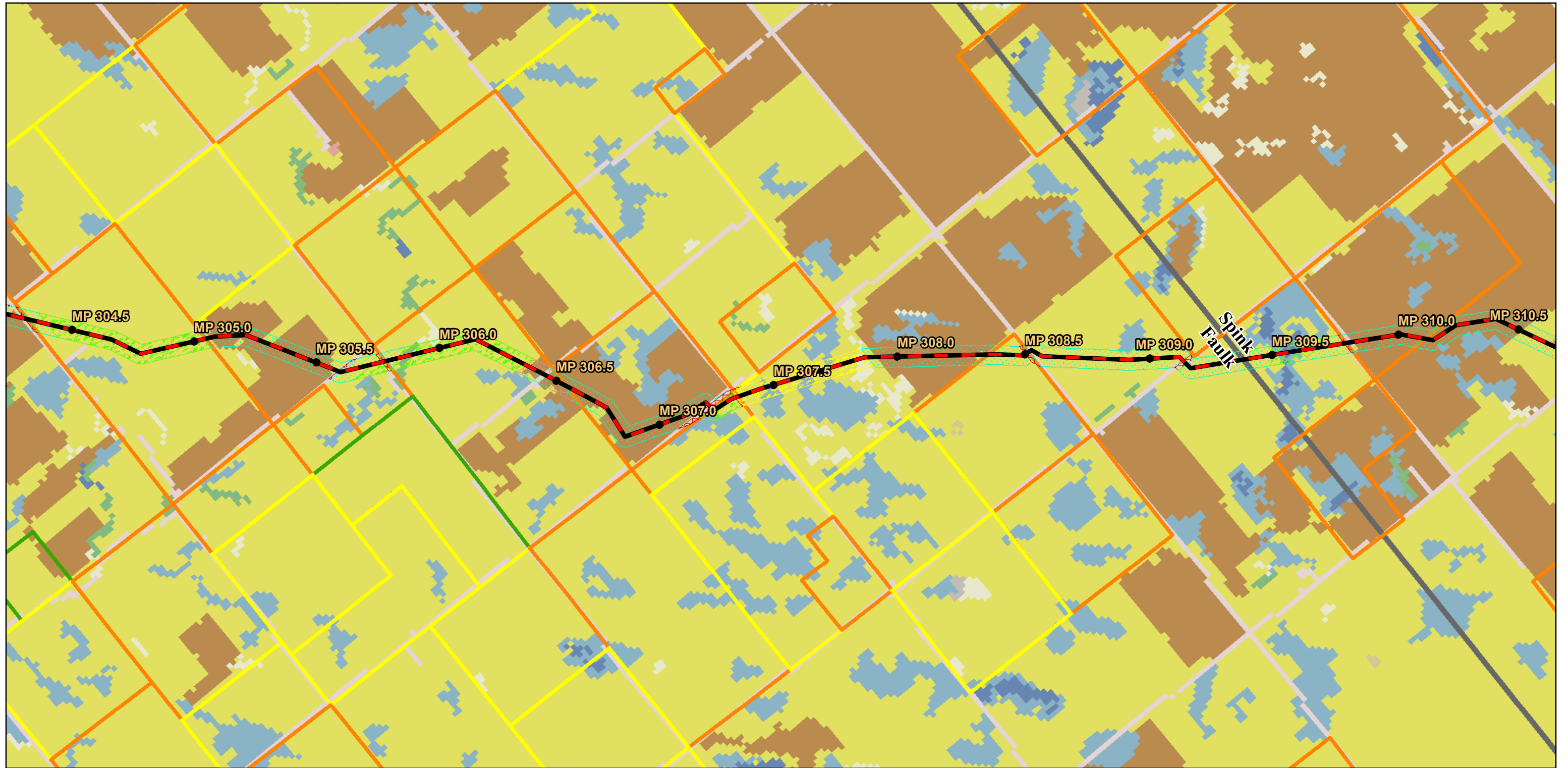
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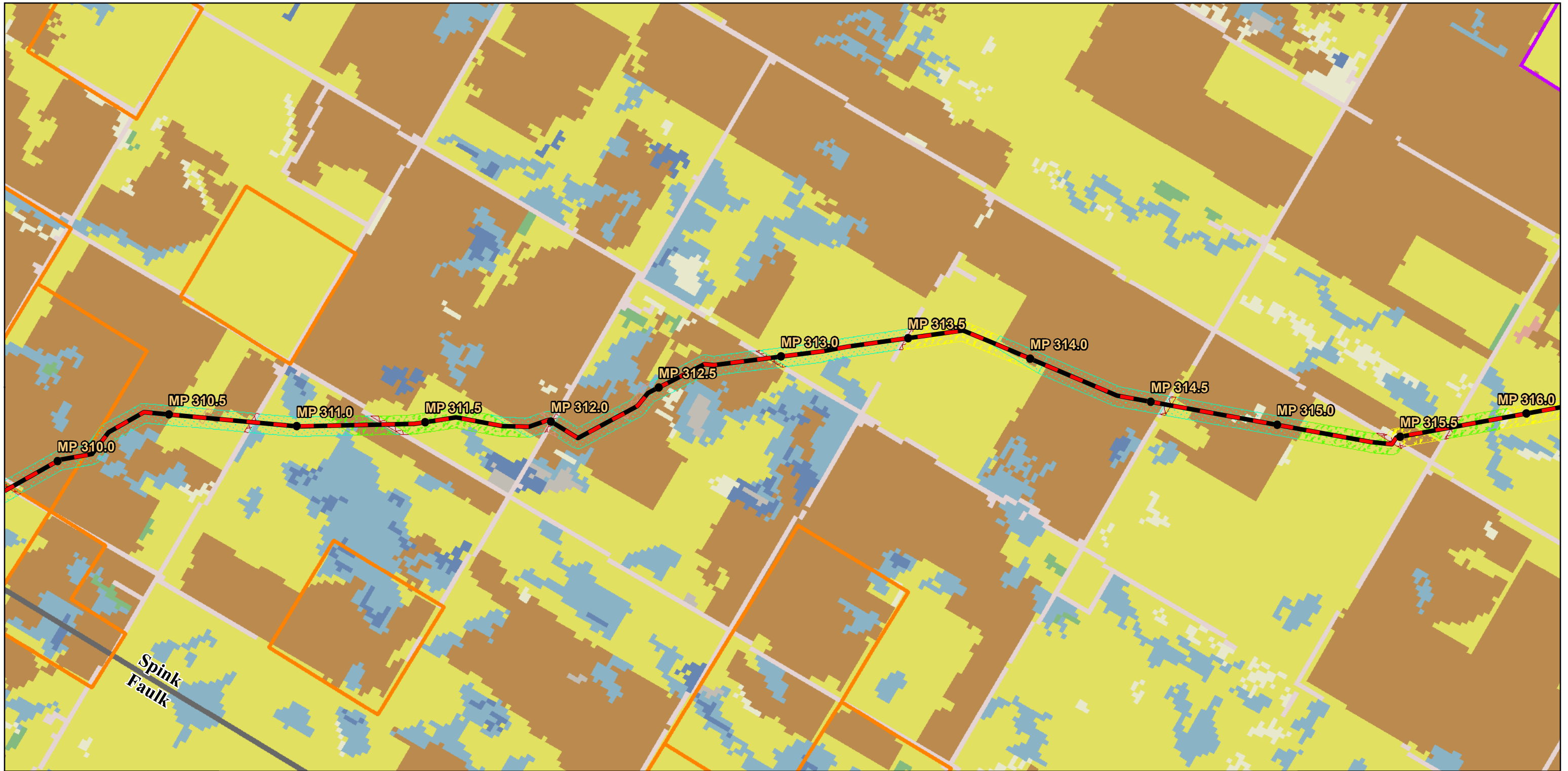
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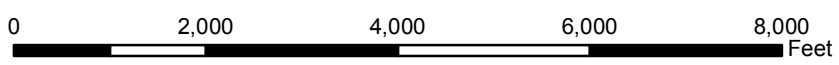
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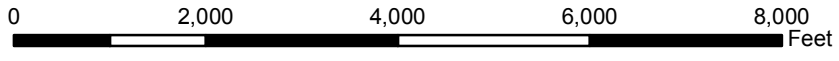
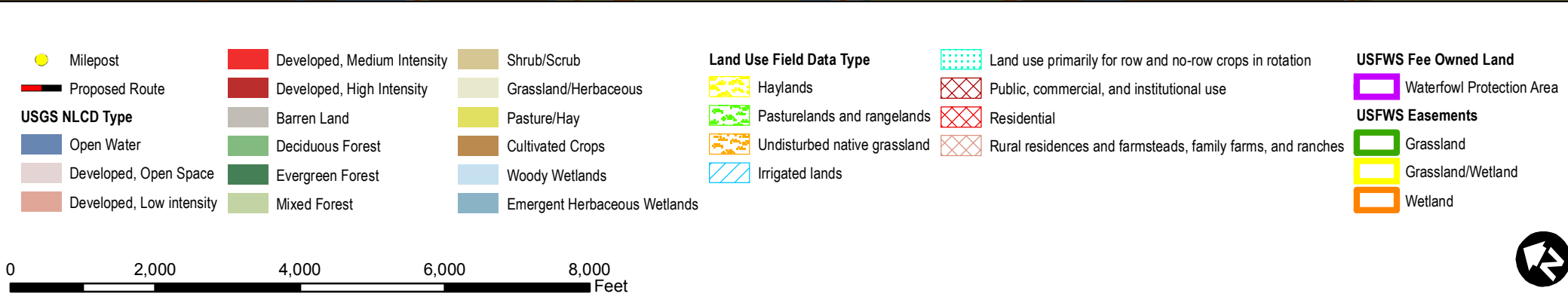
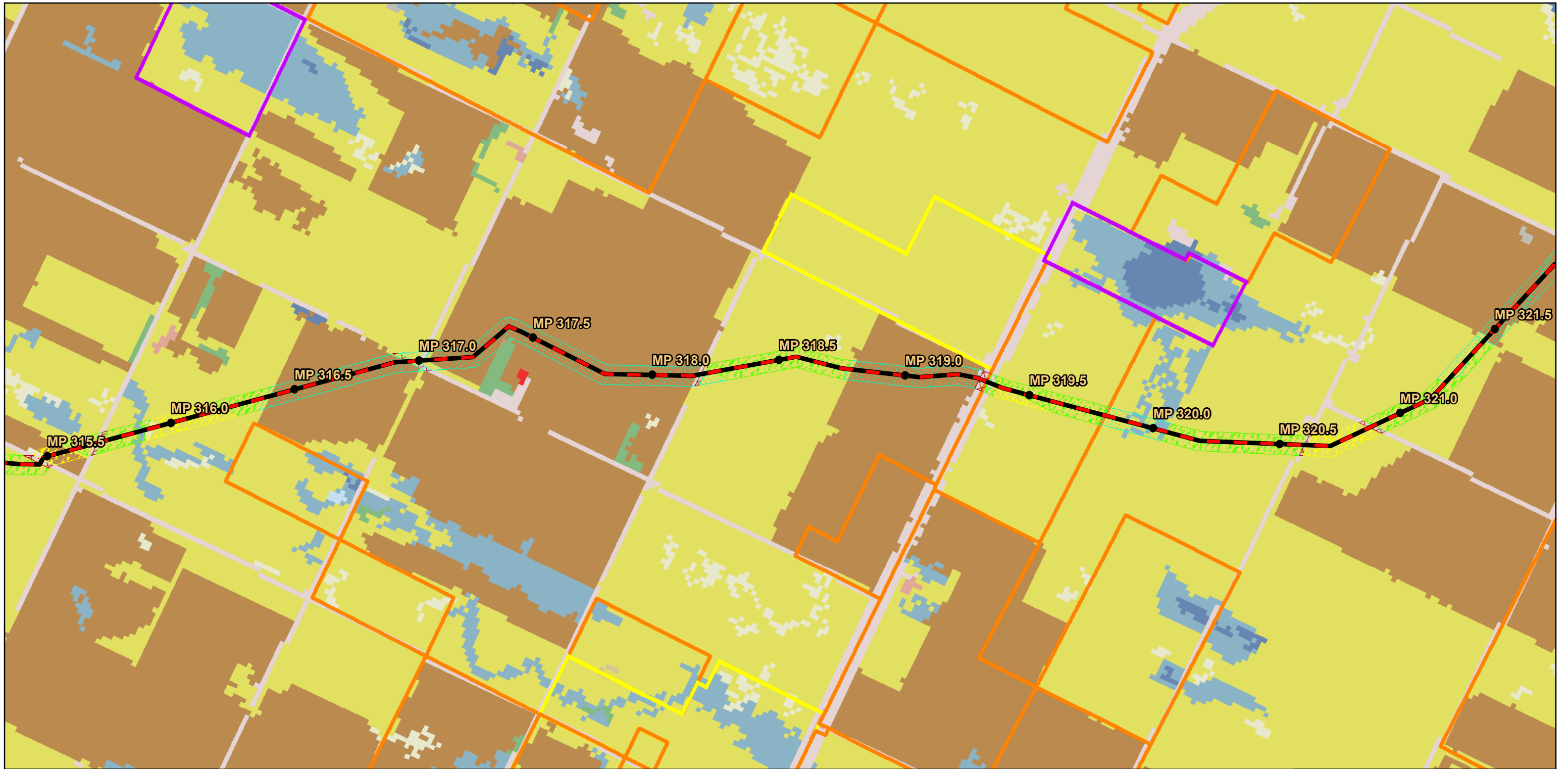
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| ● Milepost                 | ■ Developed, Medium Intensity | ■ Shrub/Scrub                  | <b>Land Use Field Data Type</b> | ■ Land use primarily for row and no-row crops in rotation    |
| — Proposed Route           | ■ Developed, High Intensity   | ■ Grassland/Herbaceous         | ■ Haylands                      | ■ Public, commercial, and institutional use                  |
| <b>USGS NLCD Type</b>      | ■ Barren Land                 | ■ Pasture/Hay                  | ■ Pasturelands and rangelands   | ■ Residential  |
| ■ Open Water               | ■ Deciduous Forest            | ■ Cultivated Crops             | ■ Undisturbed native grassland  | ■ Rural residences and farmsteads, family farms, and ranches |
| ■ Developed, Open Space    | ■ Evergreen Forest            | ■ Woody Wetlands               | ■ Irrigated lands               |  |
| ■ Developed, Low intensity | ■ Mixed Forest                | ■ Emergent Herbaceous Wetlands |                                 |  |

- USFWS Fee Owned Land**
- Waterfowl Protection Area
- USFWS Easements**
- Grassland
  - Grassland/Wetland
  - Wetland



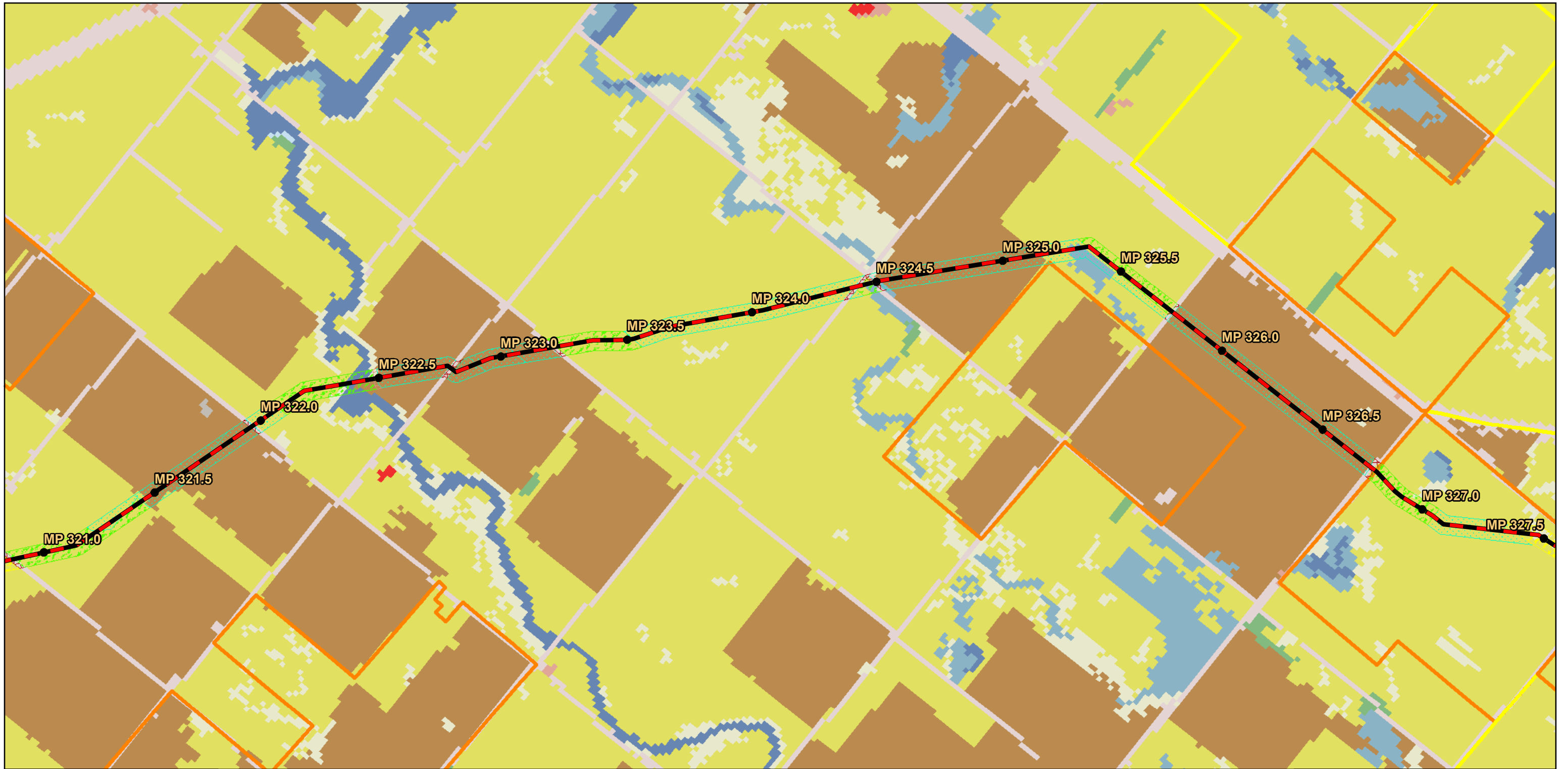
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**Dakota Access Pipeline Project**  
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**South Dakota**

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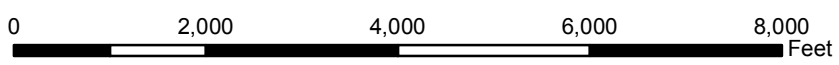
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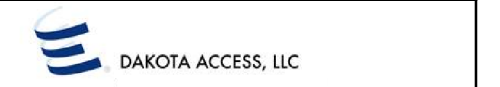
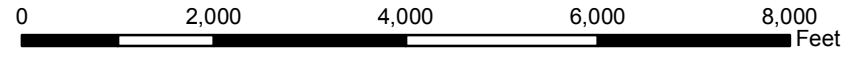
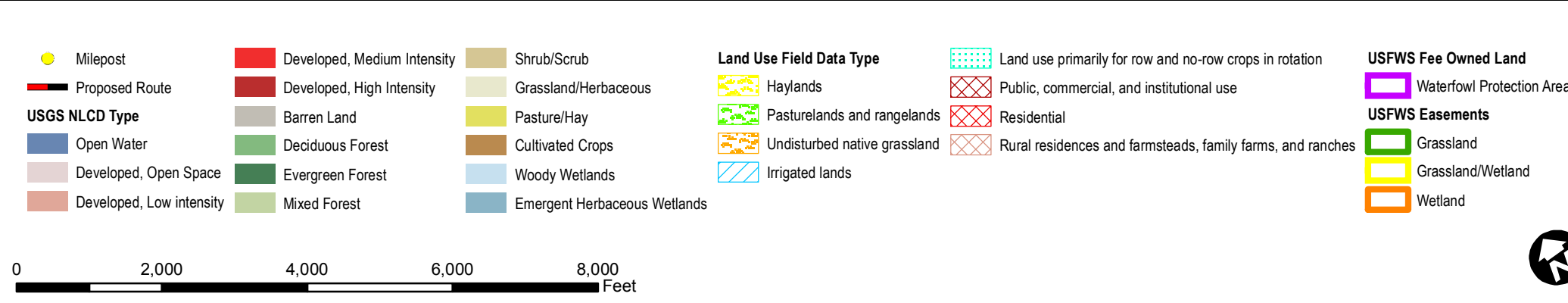
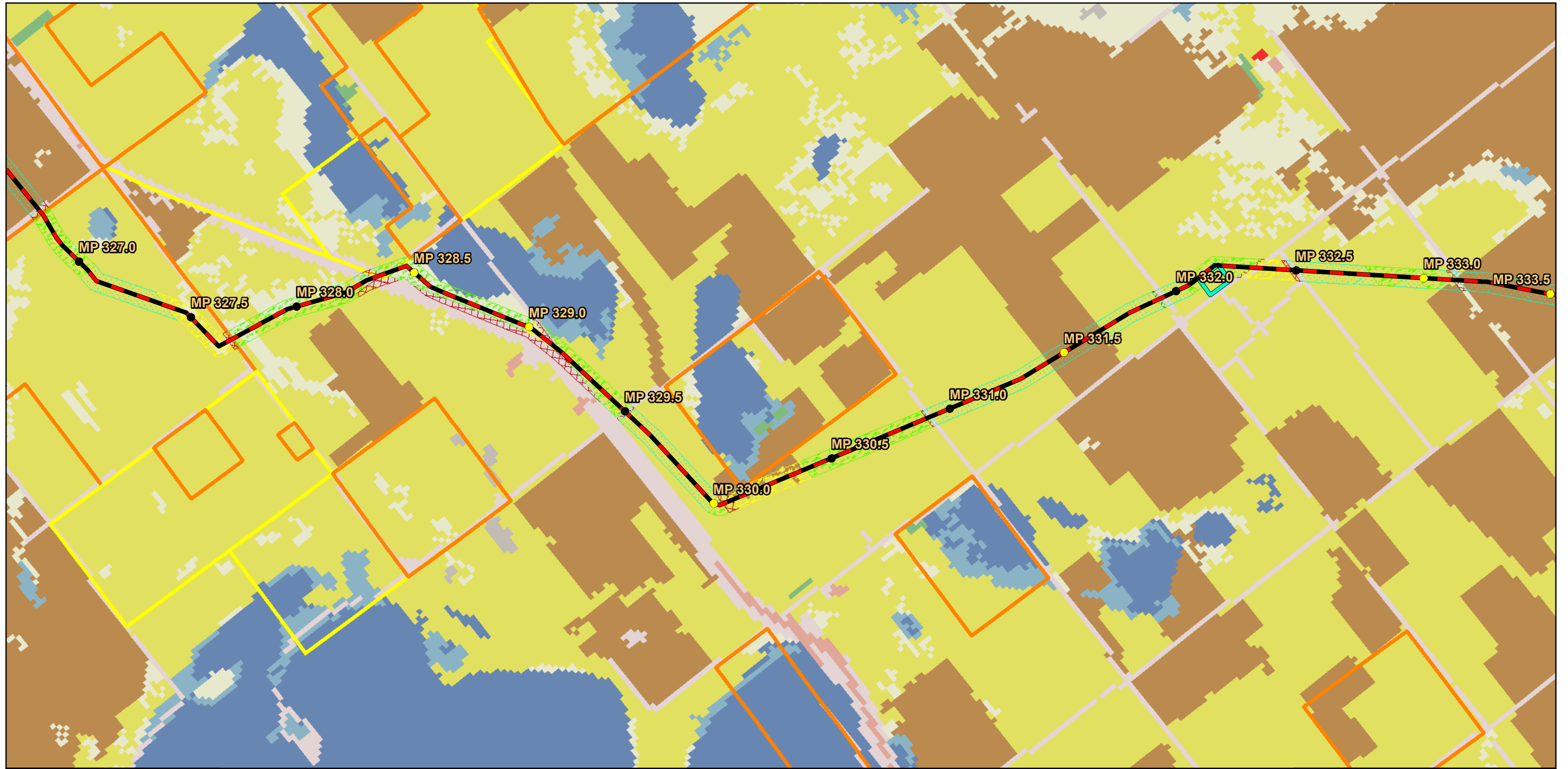
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| ● Milepost                 | ■ Developed, Medium Intensity | ■ Shrub/Scrub                  | <b>Land Use Field Data Type</b> | ■ Land use primarily for row and no-row crops in rotation    |
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|-----------------------------|
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| <b>USFWS Easements</b>      |
| ■ Grassland                 |
| ■ Grassland/Wetland         |
| ■ Wetland                   |



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**South Dakota**

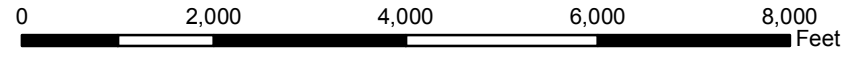
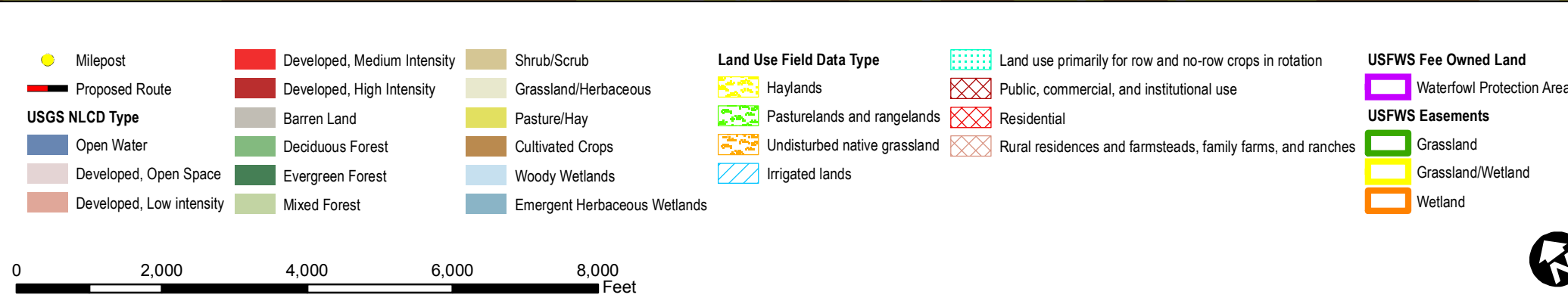
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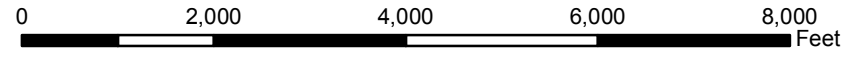
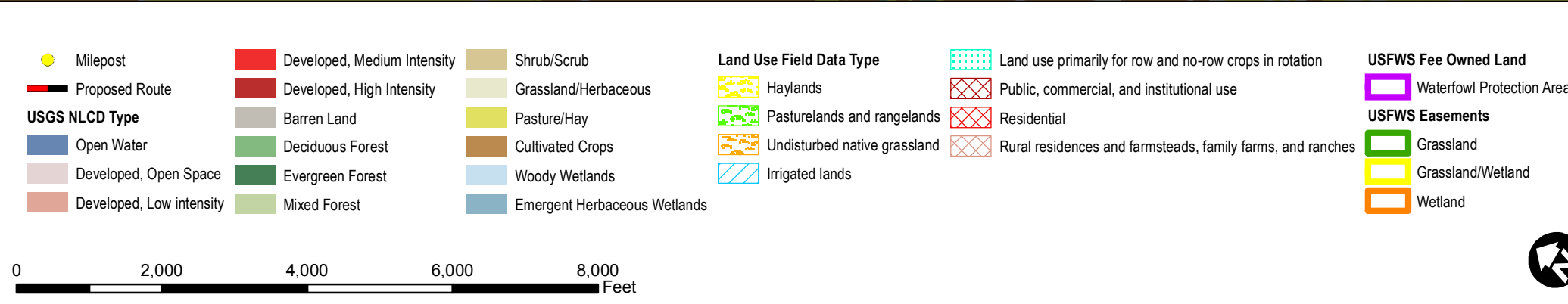
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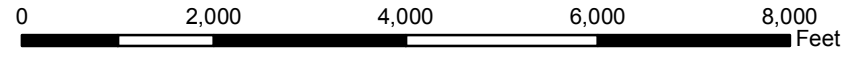
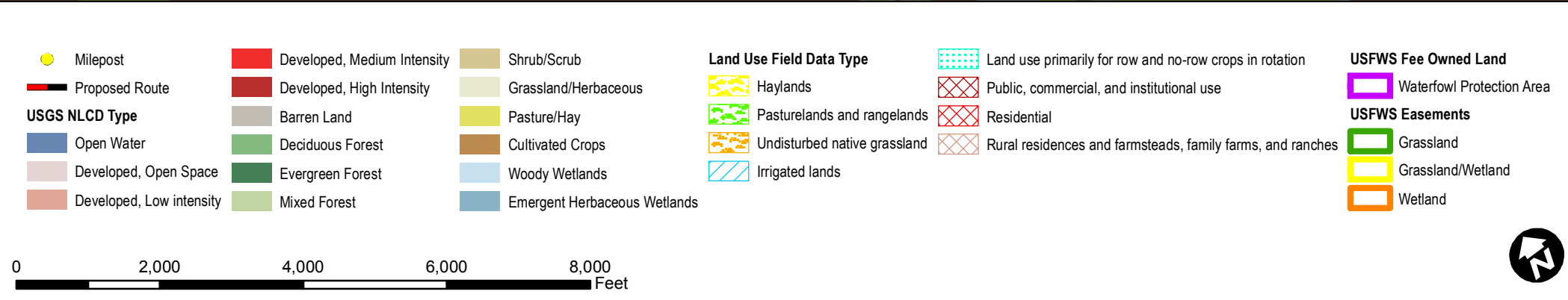
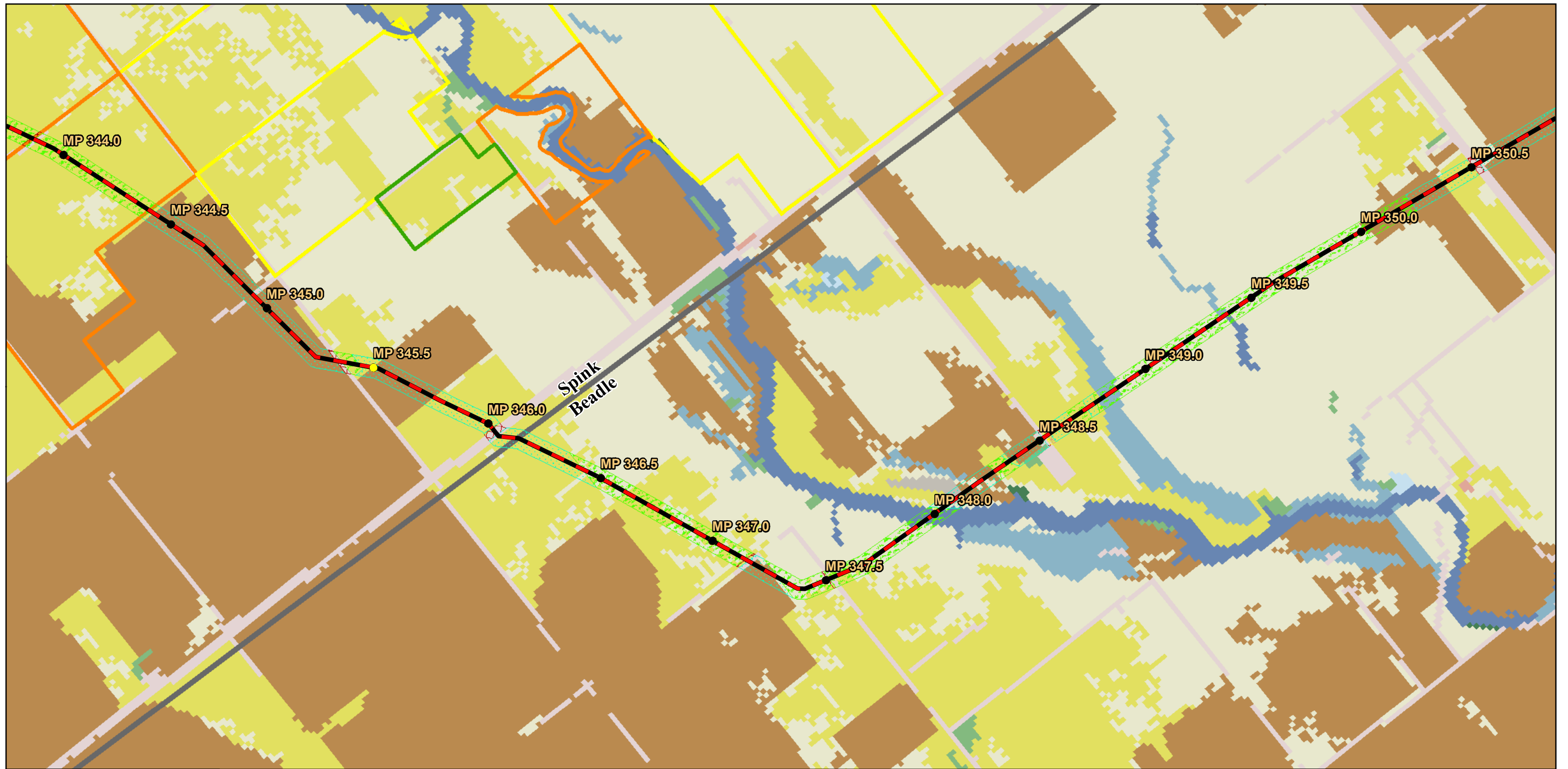
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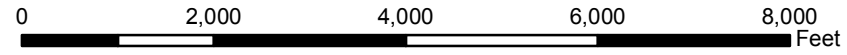
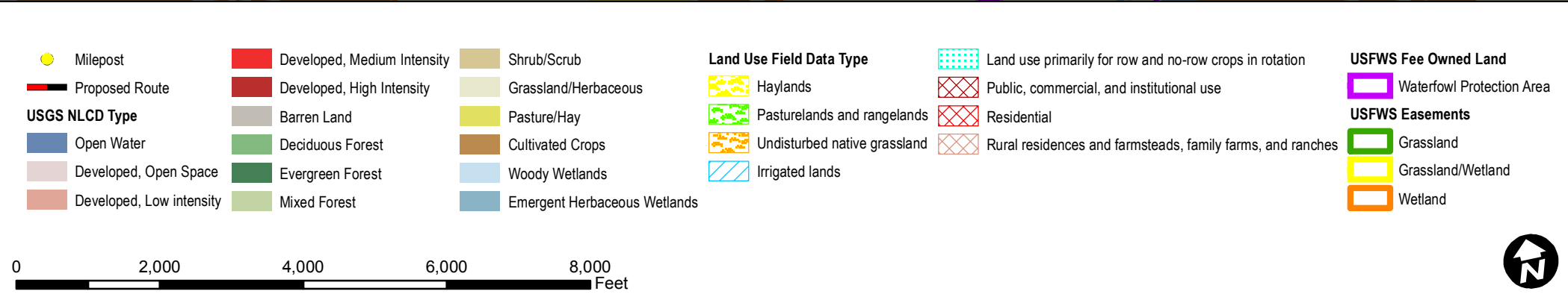
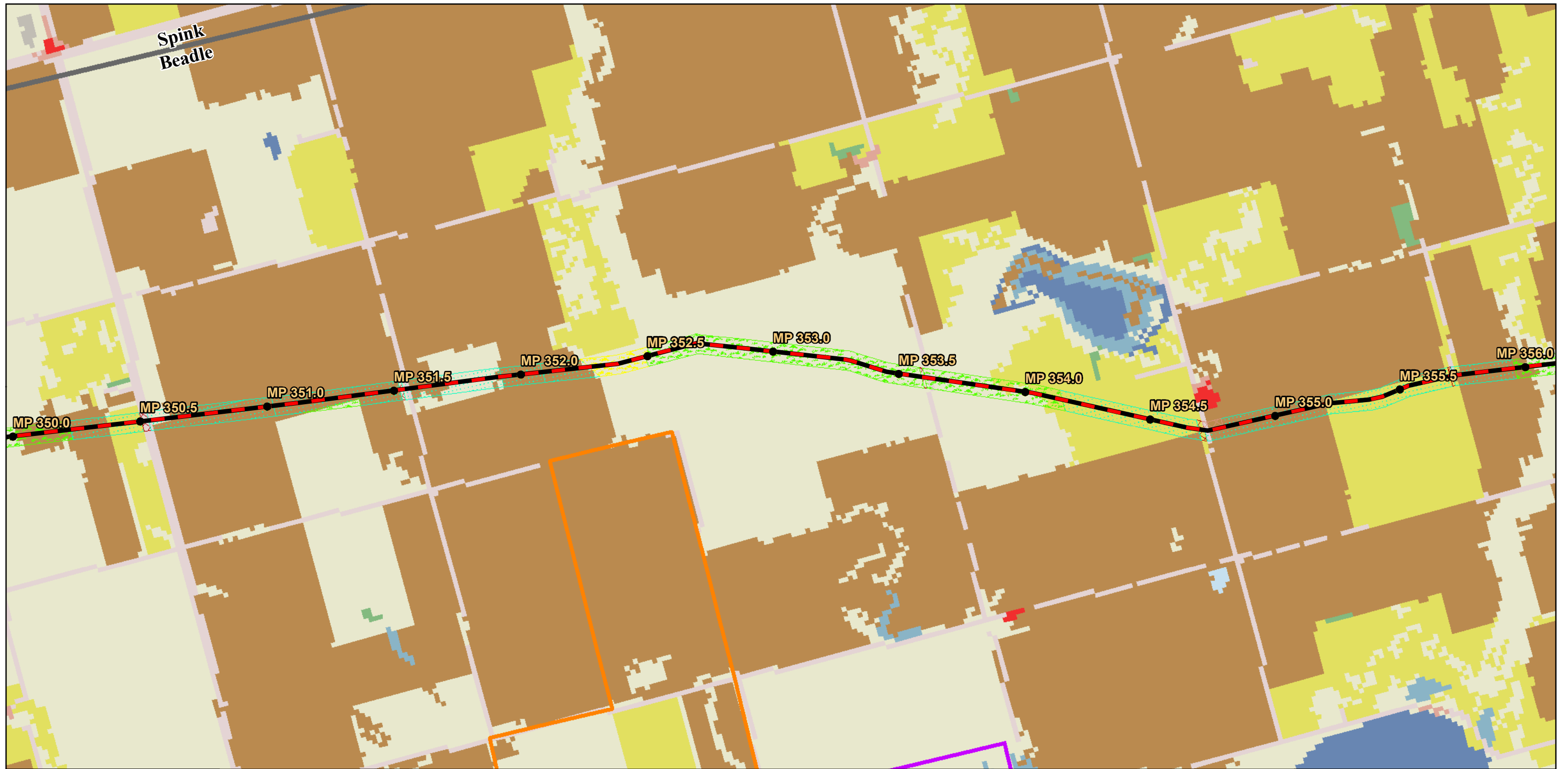
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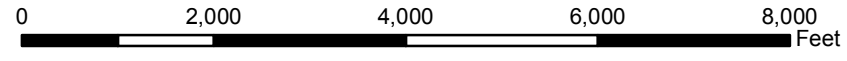
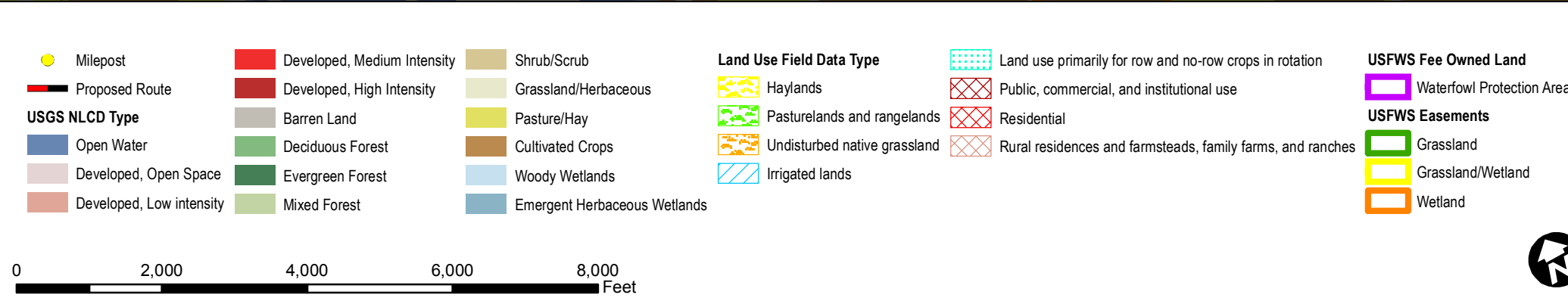
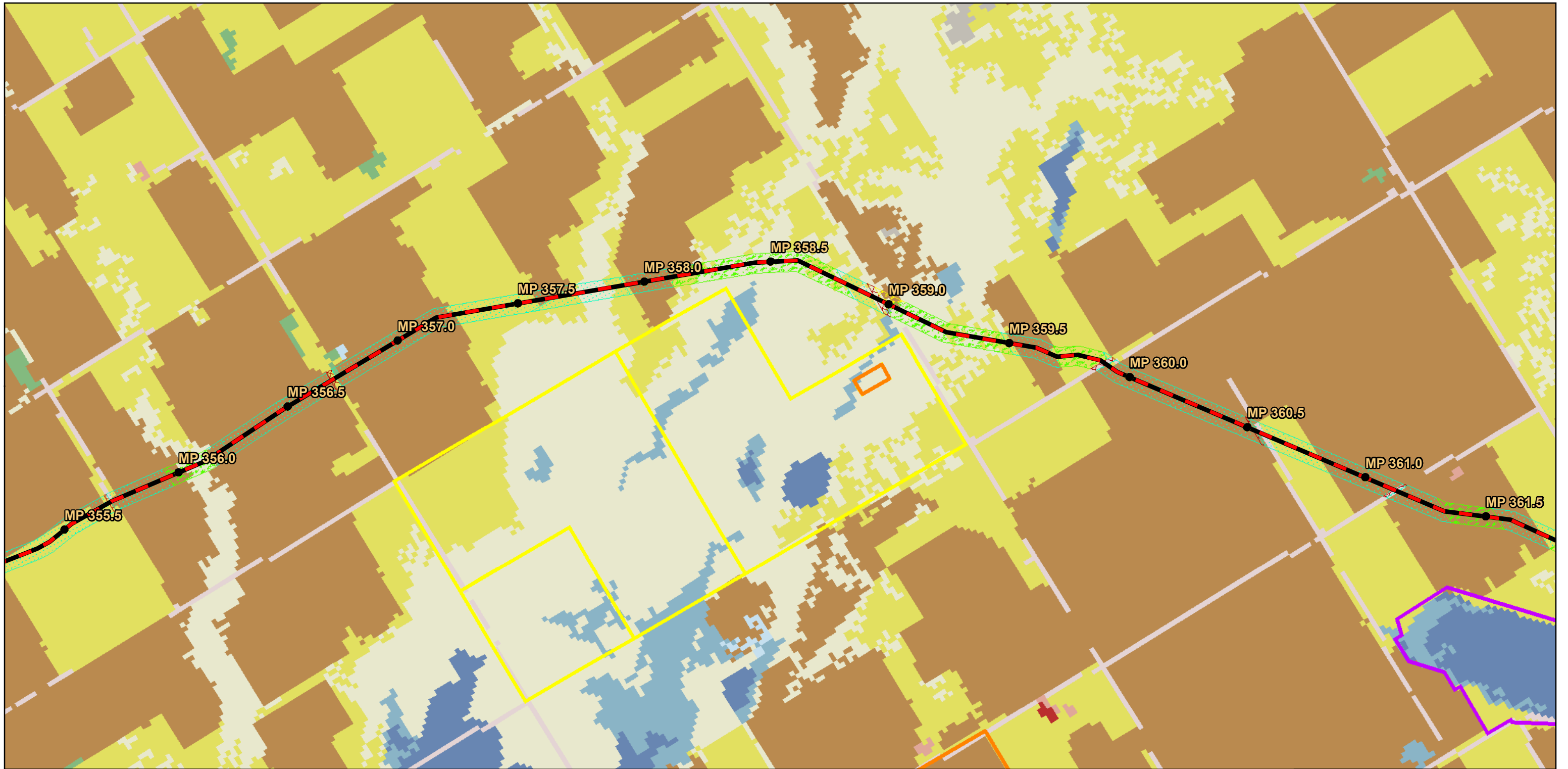
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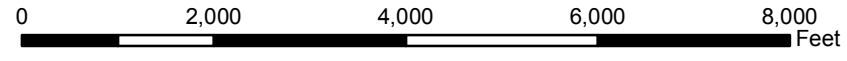
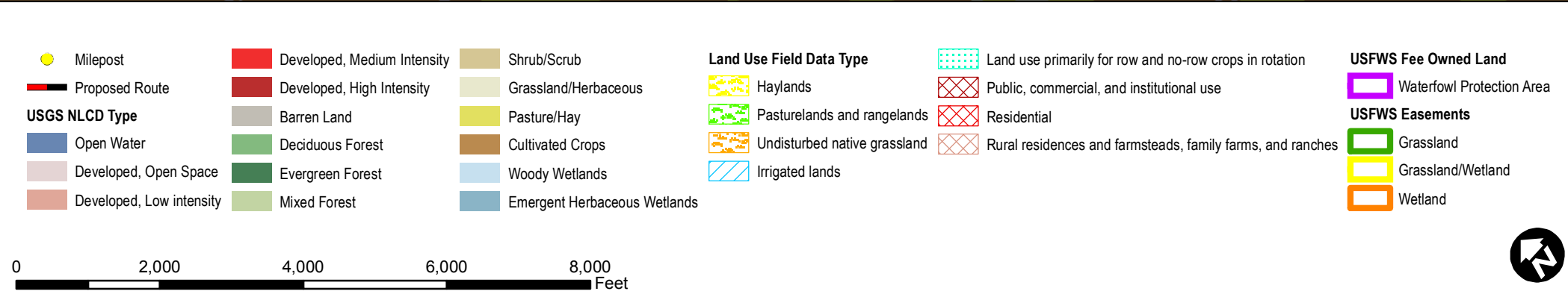




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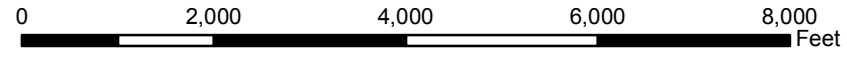
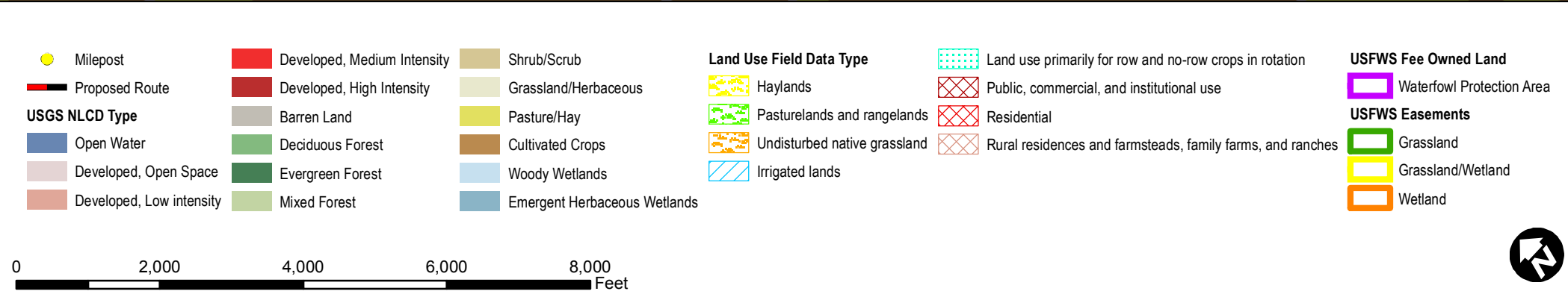
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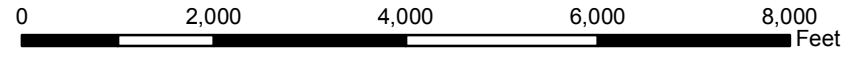
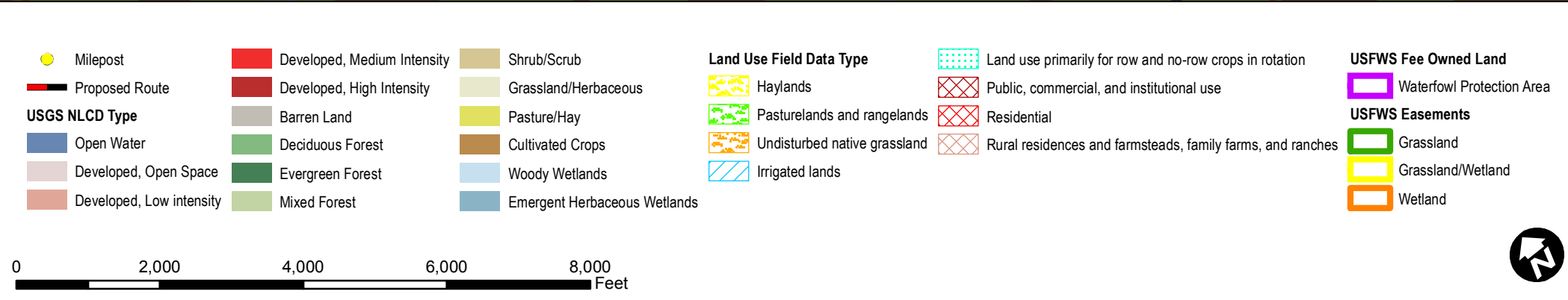
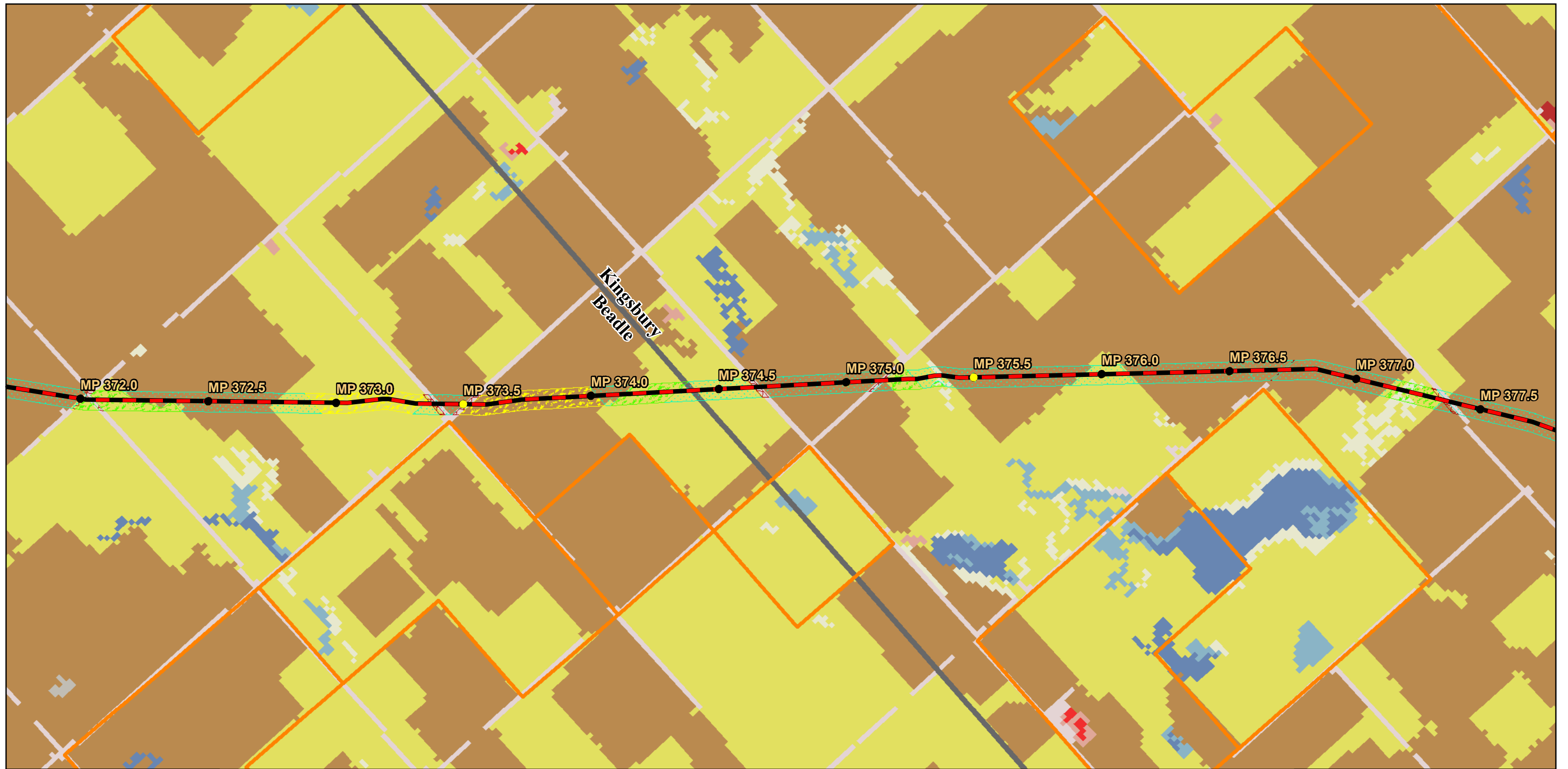
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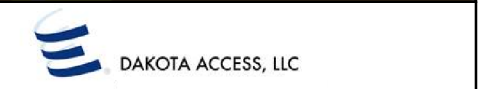
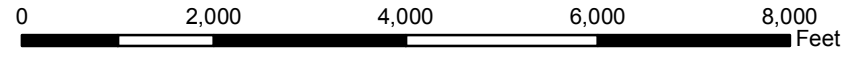
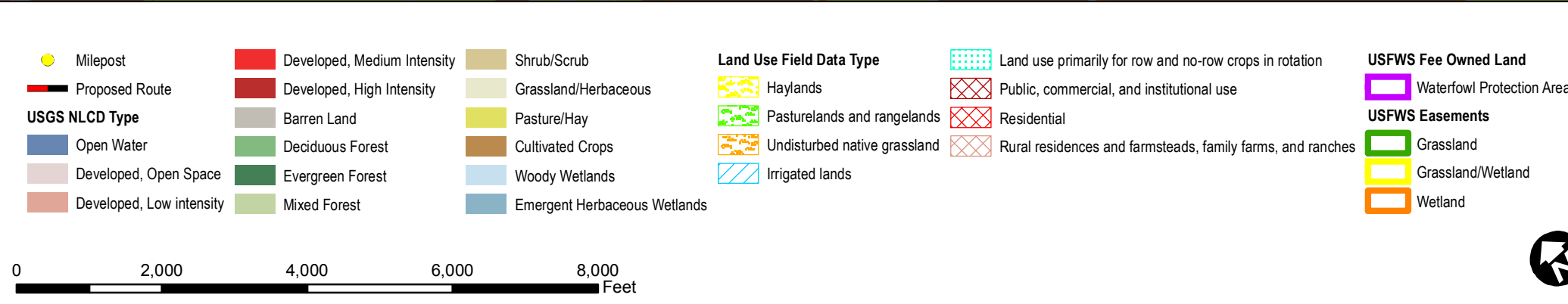
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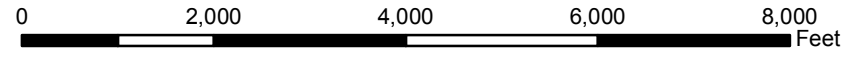


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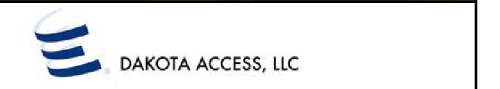
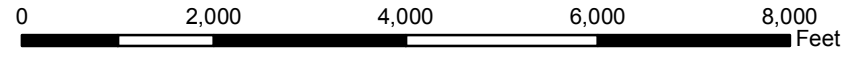
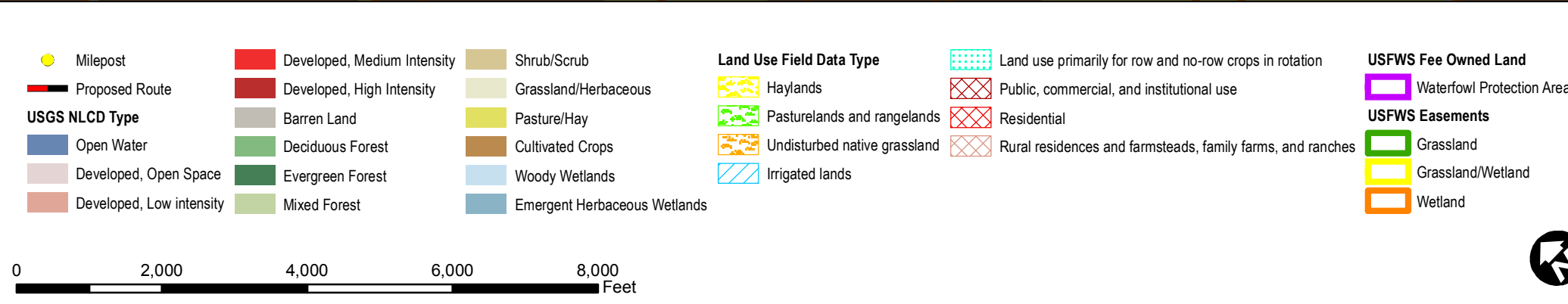
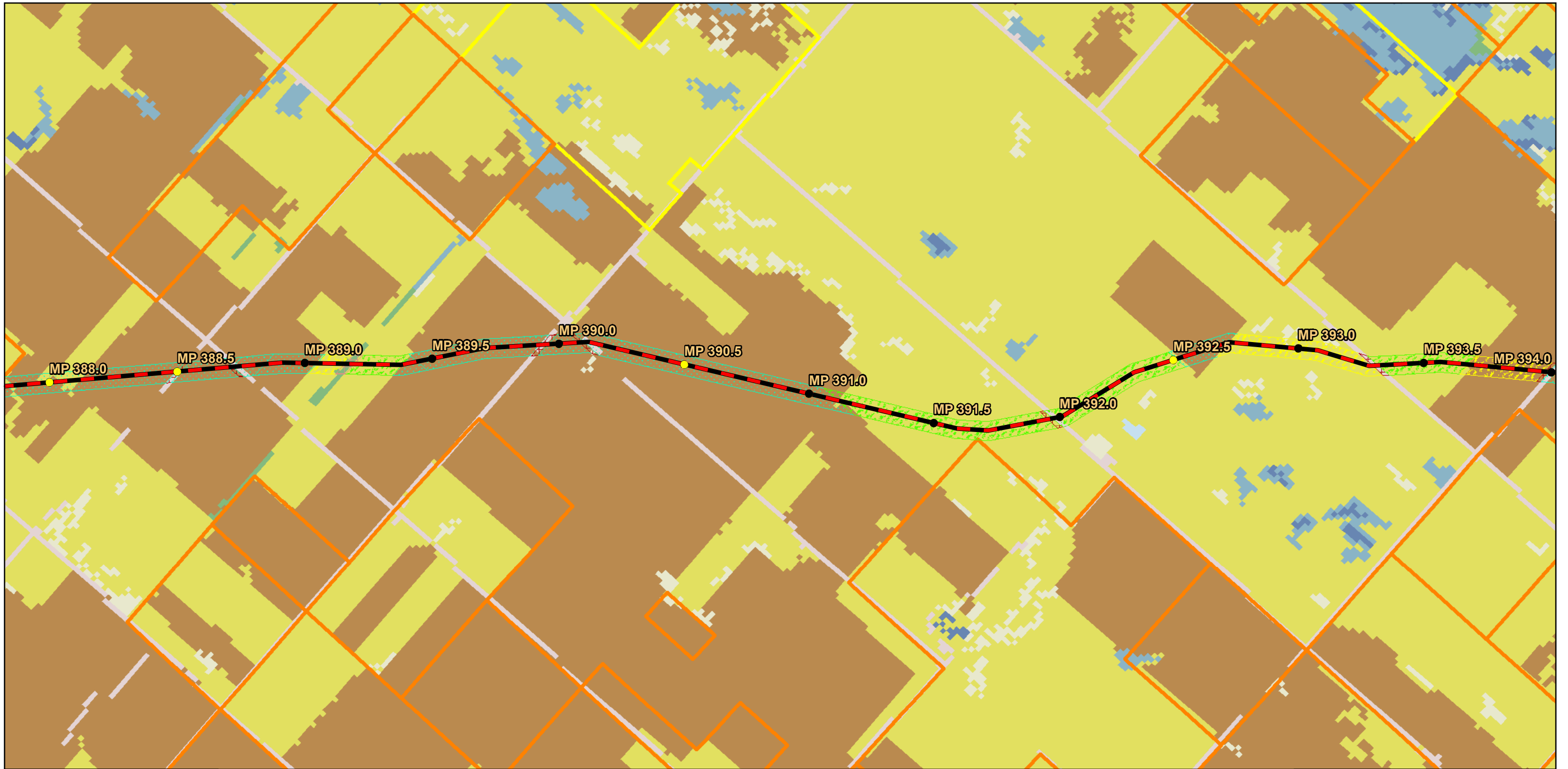


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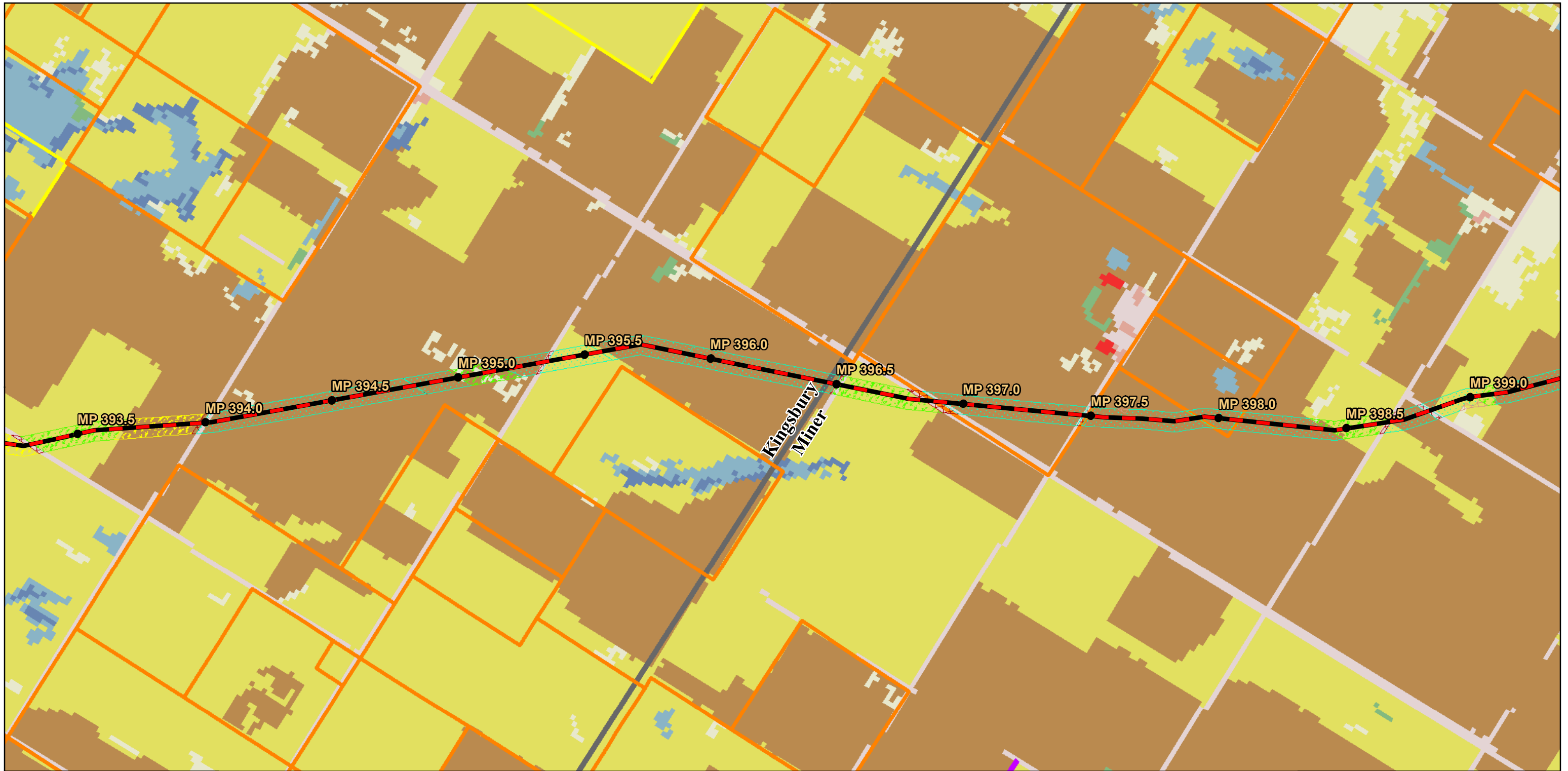
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**South Dakota**

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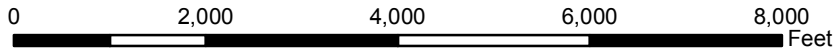
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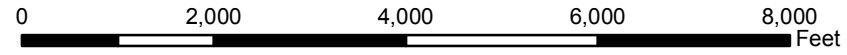
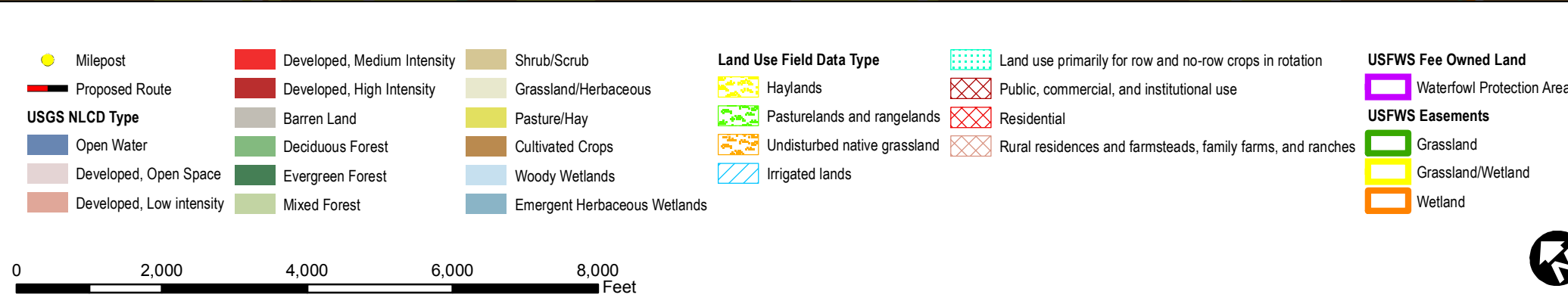
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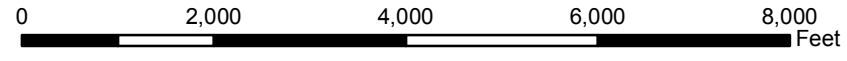
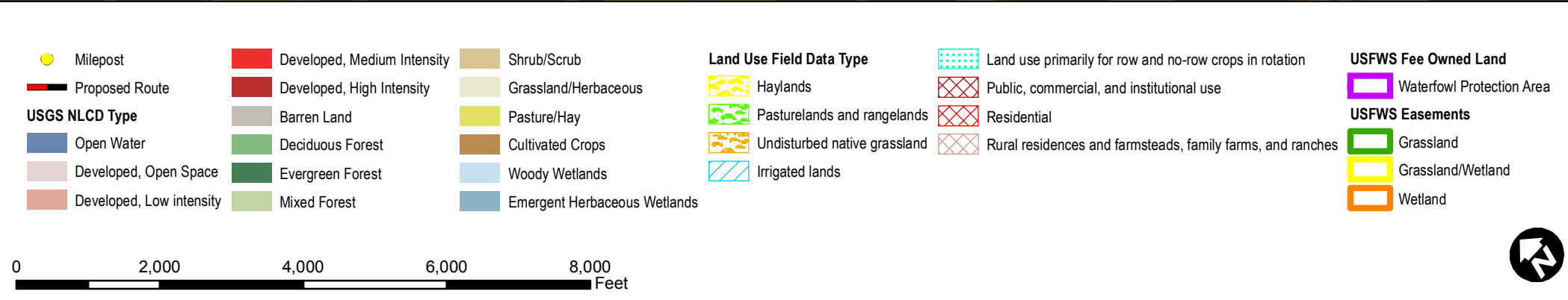
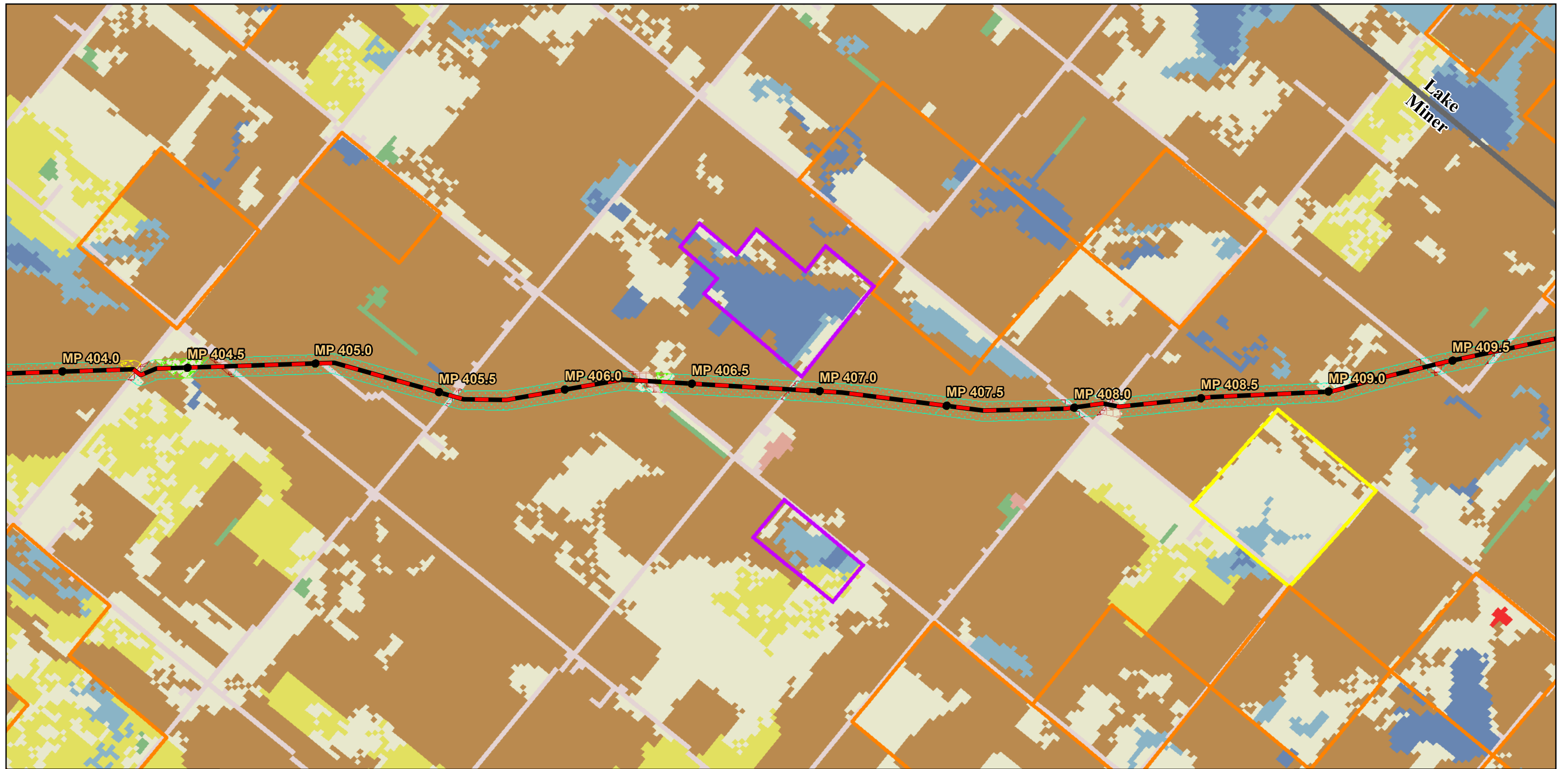
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**South Dakota**

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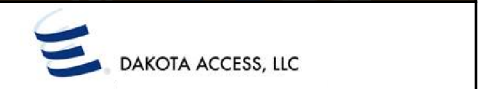
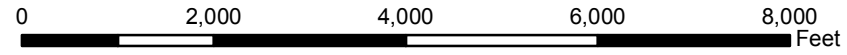
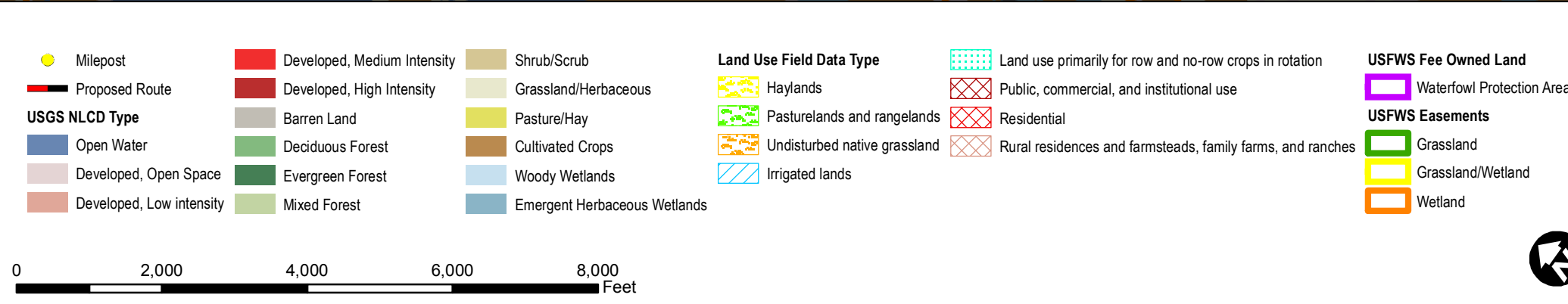
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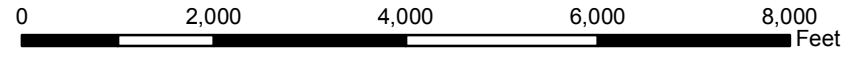


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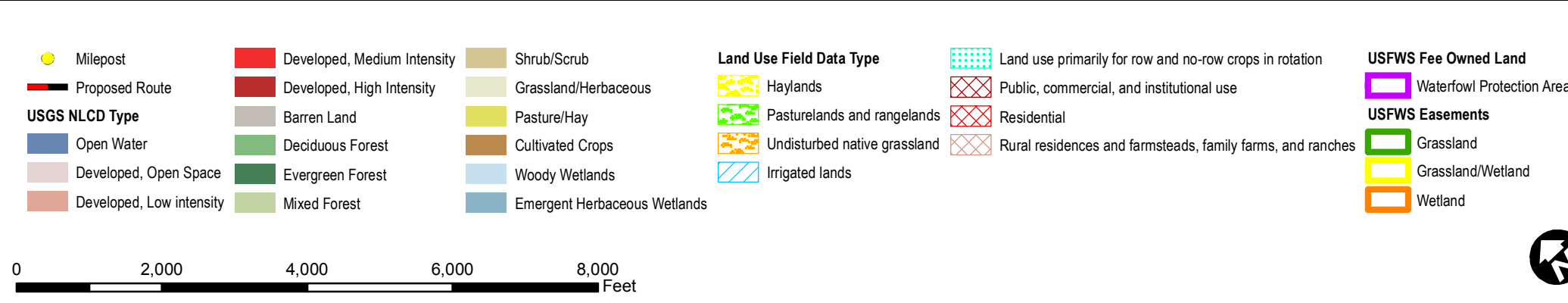
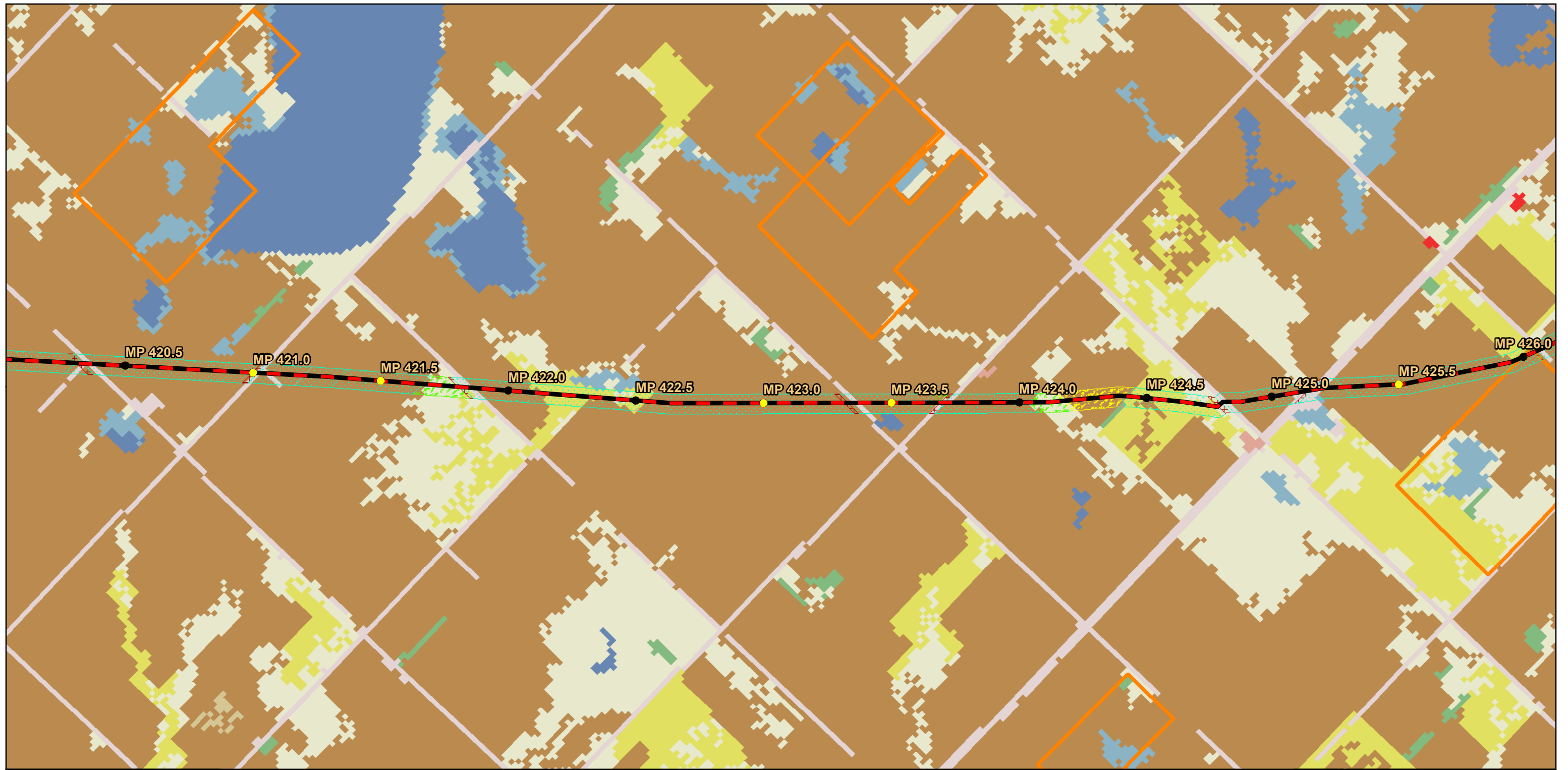
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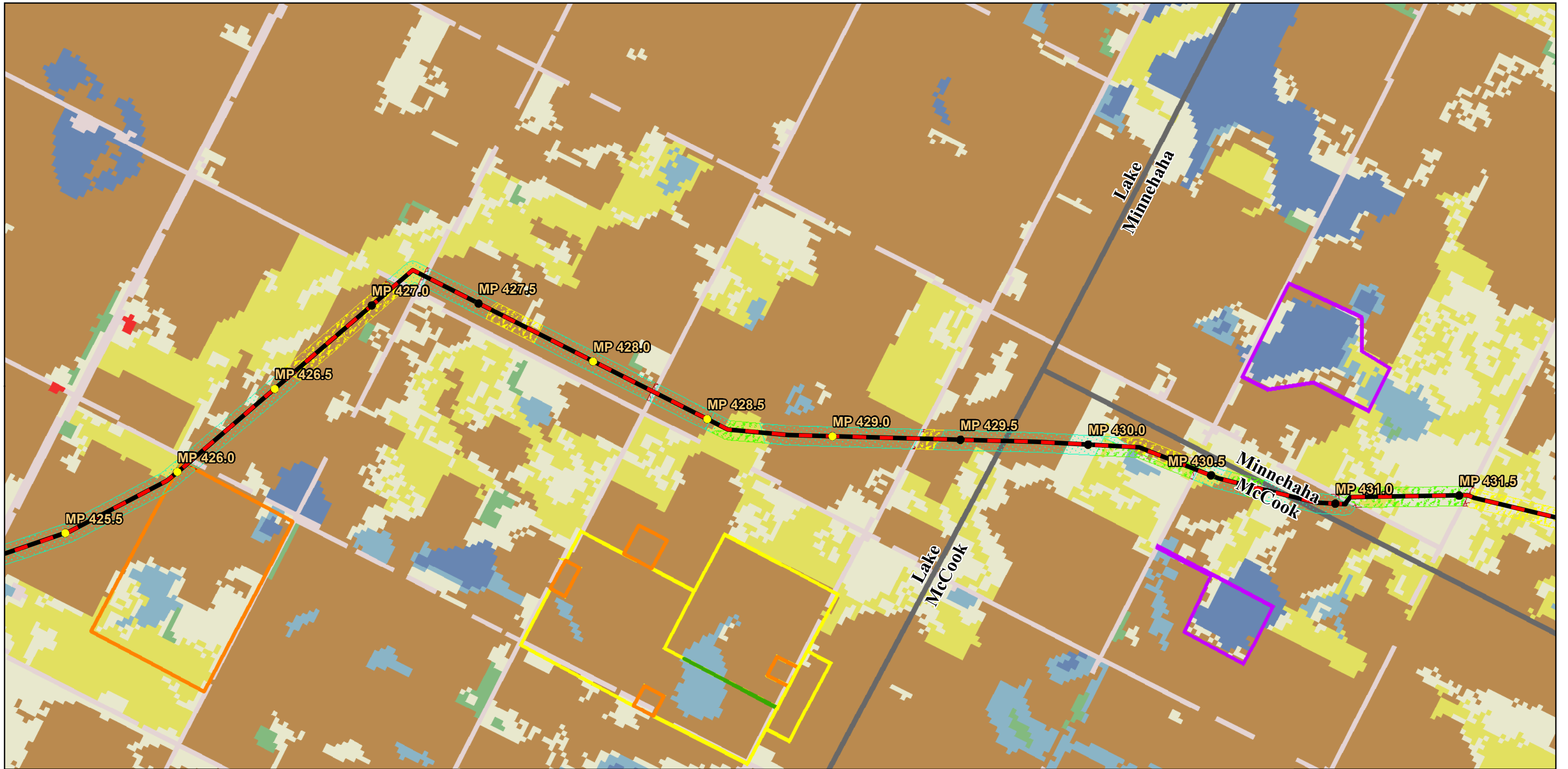
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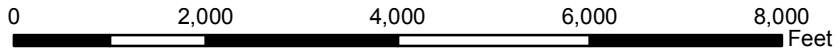
- Milepost
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- USGS NLCD Type**
- Open Water
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  - Developed, Medium Intensity
  - Developed, High Intensity
  - Barren Land
  - Deciduous Forest
  - Evergreen Forest
  - Mixed Forest

- Shrub/Scrub
- Grassland/Herbaceous
- Pasture/Hay
- Cultivated Crops
- Woody Wetlands
- Emergent Herbaceous Wetlands

- Land Use Field Data Type**
- Haylands
  - Pasturelands and rangelands
  - Undisturbed native grassland
  - Irrigated lands

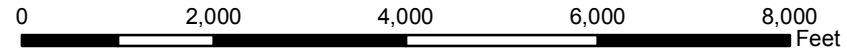
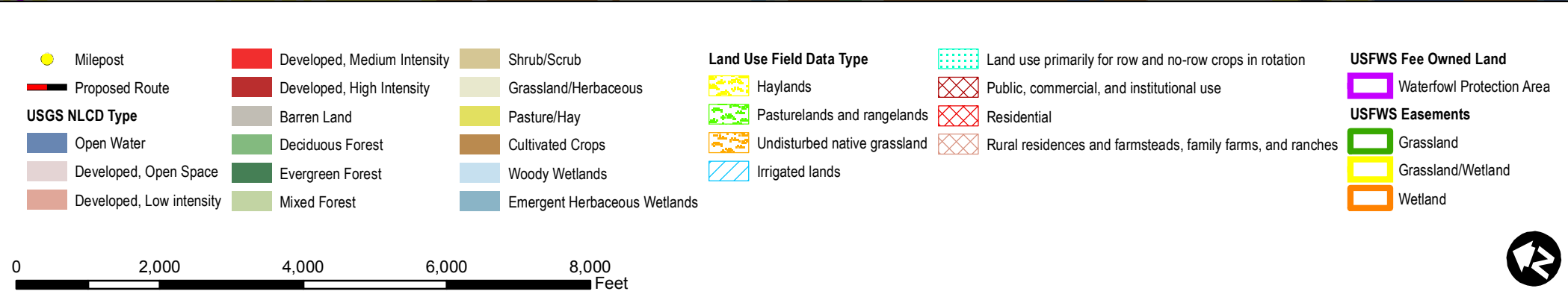
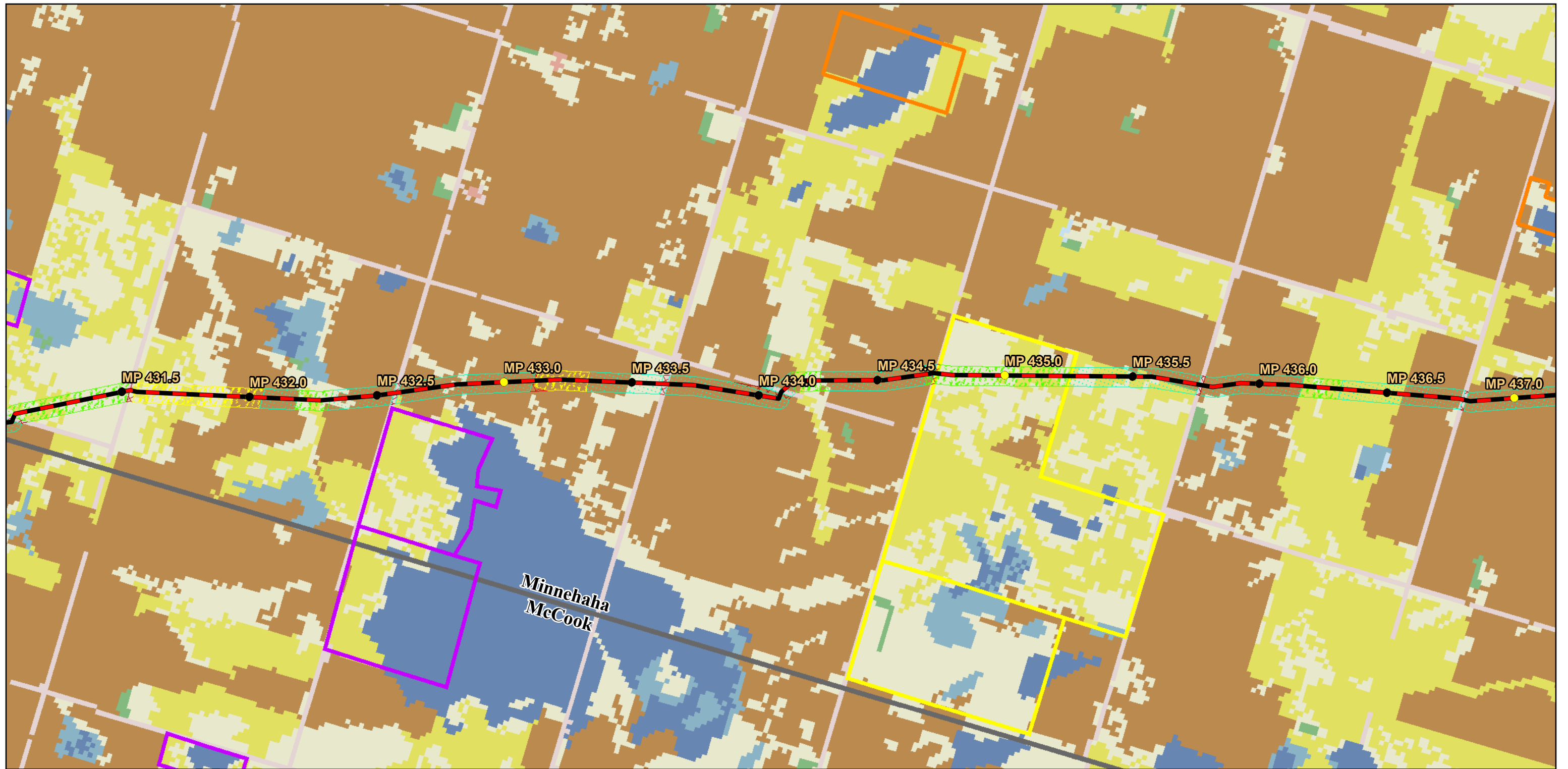
- Land use primarily for row and no-row crops in rotation
- Public, commercial, and institutional use
- Residential
- Rural residences and farmsteads, family farms, and ranches

- USFWS Fee Owned Land**
- Waterfowl Protection Area
- USFWS Easements**
- Grassland
  - Grassland/Wetland
  - Wetland



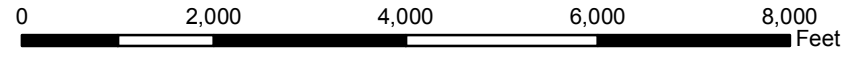
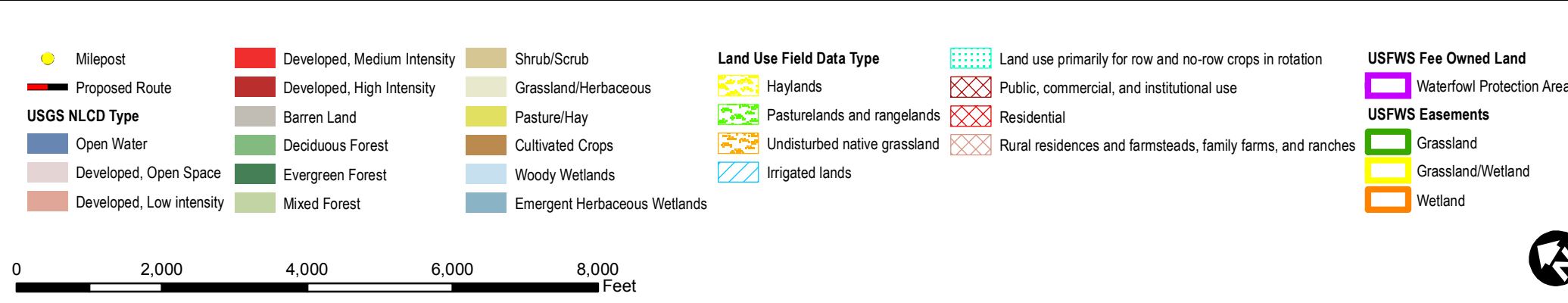
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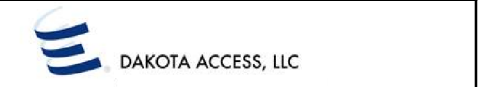
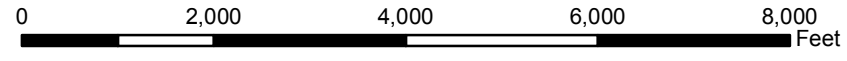
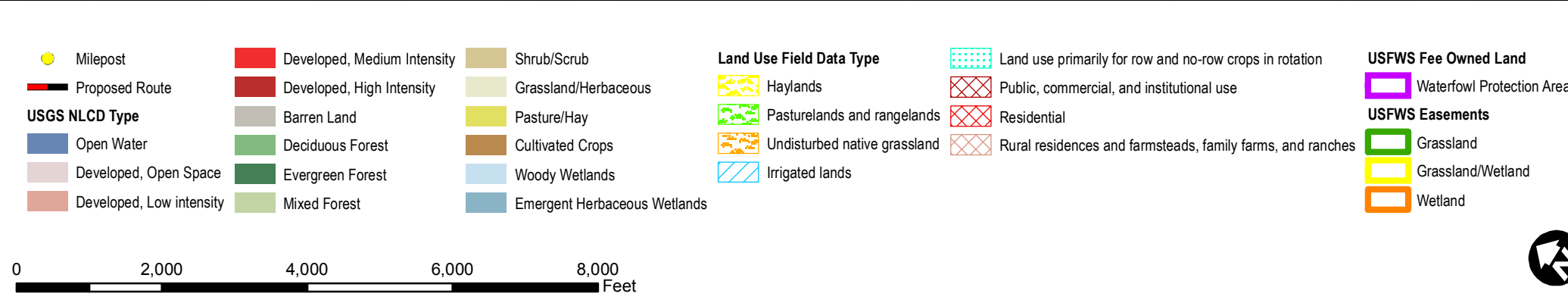
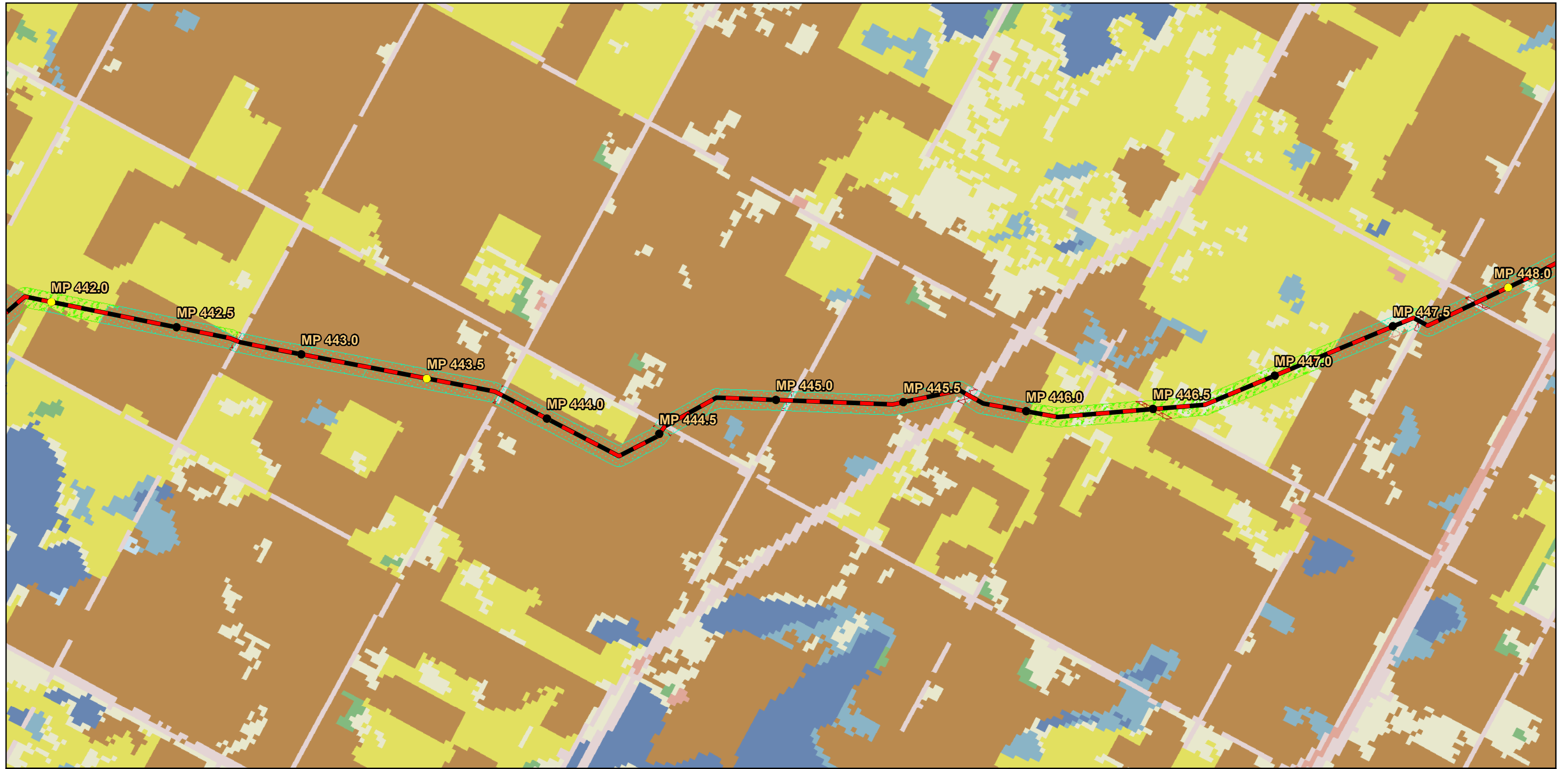
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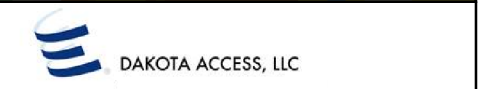
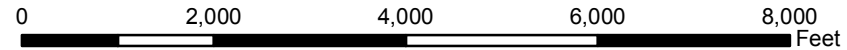
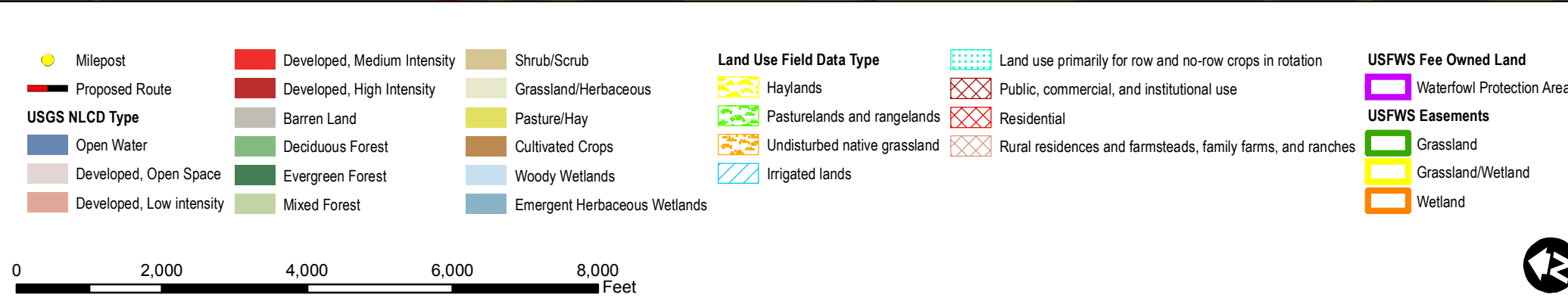
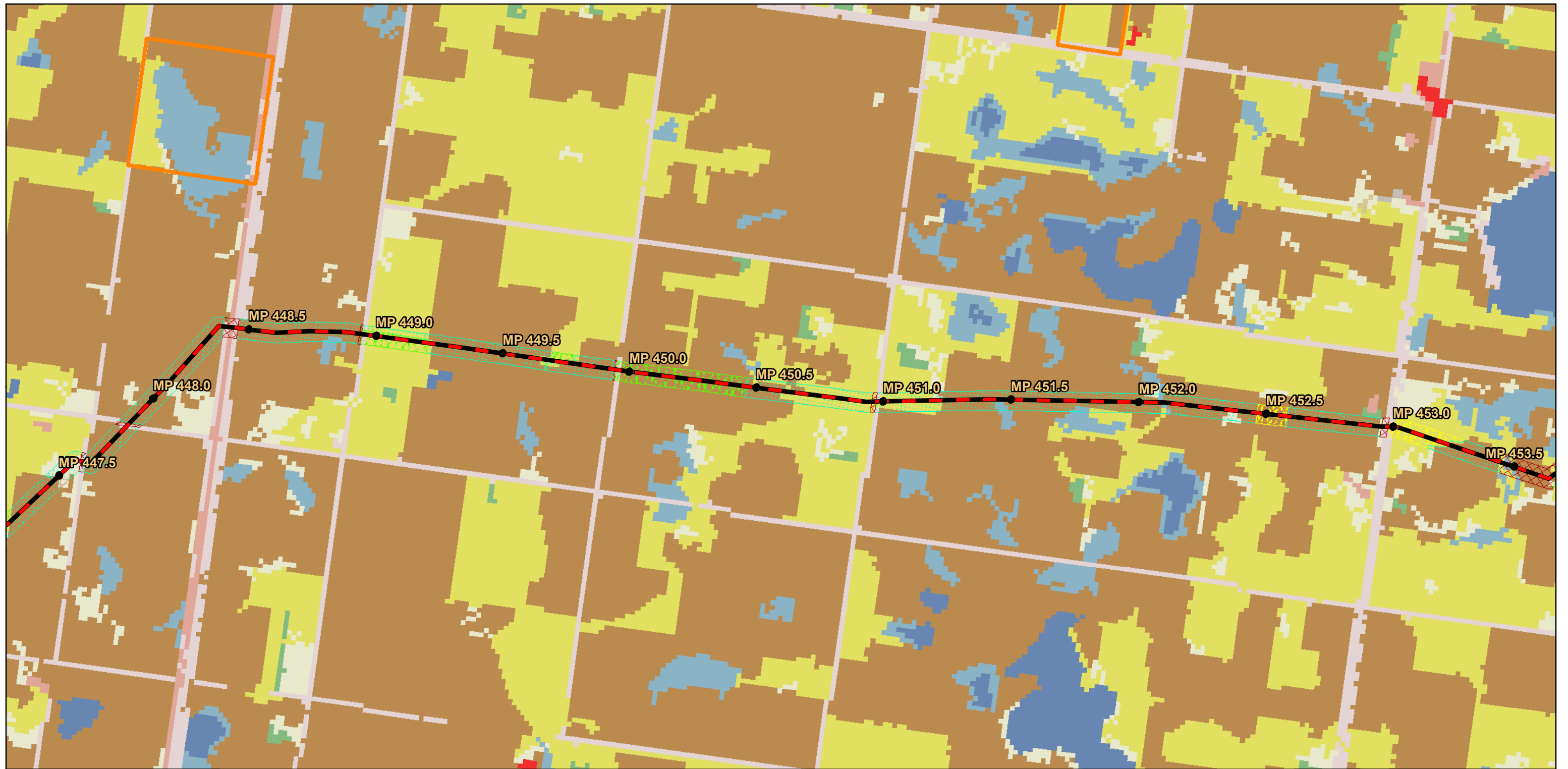
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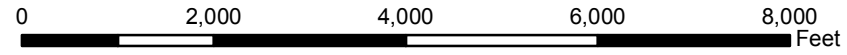


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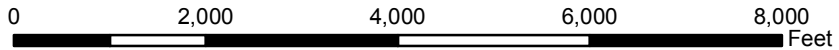
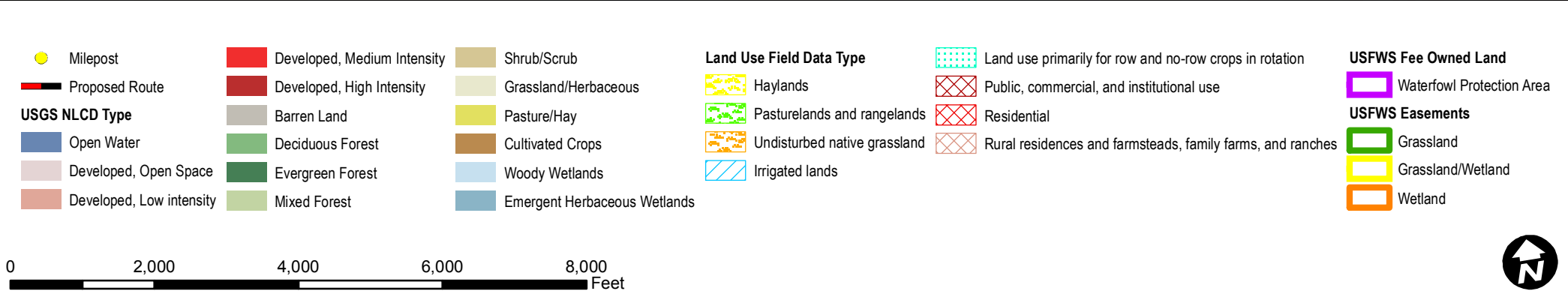
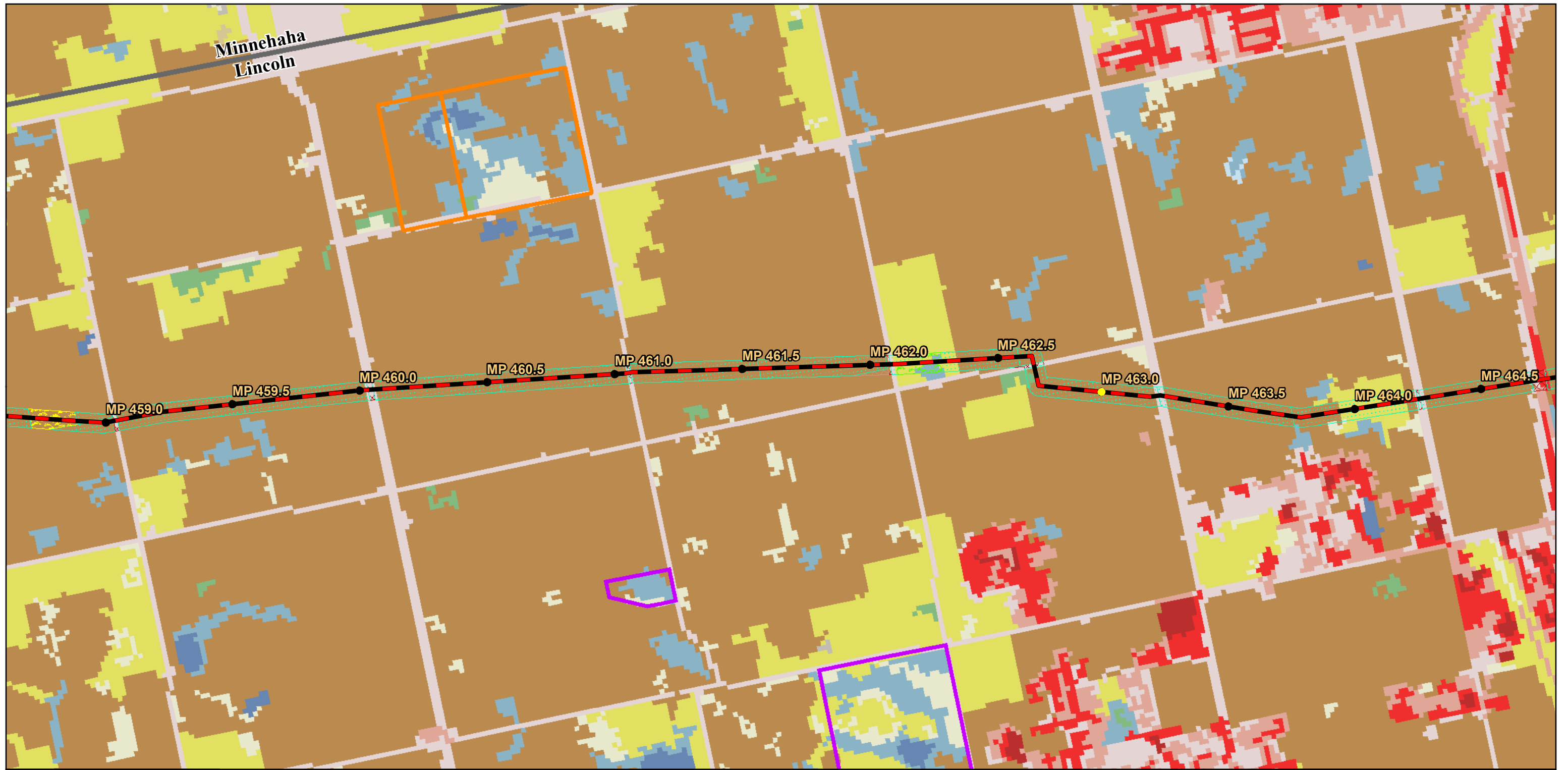


<ul style="list-style-type: none"> <li><span style="color: yellow;">●</span> Milepost</li> <li><span style="border-bottom: 2px solid black; width: 20px; display: inline-block;"></span> Proposed Route</li> </ul>	<ul style="list-style-type: none"> <li><span style="background-color: red; width: 15px; height: 10px; display: inline-block;"></span> Developed, Medium Intensity</li> <li><span style="background-color: darkred; width: 15px; height: 10px; display: inline-block;"></span> Developed, High Intensity</li> <li><span style="background-color: gray; width: 15px; height: 10px; display: inline-block;"></span> Barren Land</li> <li><span style="background-color: green; width: 15px; height: 10px; display: inline-block;"></span> Deciduous Forest</li> <li><span style="background-color: darkgreen; width: 15px; height: 10px; display: inline-block;"></span> Evergreen Forest</li> <li><span style="background-color: lightgreen; width: 15px; height: 10px; display: inline-block;"></span> Mixed Forest</li> </ul>	<ul style="list-style-type: none"> <li><span style="background-color: tan; width: 15px; height: 10px; display: inline-block;"></span> Shrub/Scrub</li> <li><span style="background-color: lightyellow; width: 15px; height: 10px; display: inline-block;"></span> Grassland/Herbaceous</li> <li><span style="background-color: yellow; width: 15px; height: 10px; display: inline-block;"></span> Pasture/Hay</li> <li><span style="background-color: brown; width: 15px; height: 10px; display: inline-block;"></span> Cultivated Crops</li> <li><span style="background-color: lightblue; width: 15px; height: 10px; display: inline-block;"></span> Woody Wetlands</li> <li><span style="background-color: blue; width: 15px; height: 10px; display: inline-block;"></span> Emergent Herbaceous Wetlands</li> </ul>	<p><b>Land Use Field Data Type</b></p> <ul style="list-style-type: none"> <li><span style="background-color: yellow; border: 1px solid black; width: 15px; height: 10px; display: inline-block;"></span> Haylands</li> <li><span style="background-color: green; border: 1px solid black; width: 15px; height: 10px; display: inline-block;"></span> Pasturelands and rangelands</li> <li><span style="background-color: orange; border: 1px solid black; width: 15px; height: 10px; display: inline-block;"></span> Undisturbed native grassland</li> <li><span style="border: 1px solid blue; width: 15px; height: 10px; display: inline-block;"></span> Irrigated lands</li> </ul>	<ul style="list-style-type: none"> <li><span style="background-color: lightblue; border: 1px solid black; width: 15px; height: 10px; display: inline-block;"></span> Land use primarily for row and no-row crops in rotation</li> <li><span style="border: 1px solid red; width: 15px; height: 10px; display: inline-block;"></span> Public, commercial, and institutional use</li> <li><span style="border: 1px solid red; width: 15px; height: 10px; display: inline-block;"></span> Residential</li> <li><span style="border: 1px solid red; width: 15px; height: 10px; display: inline-block;"></span> Rural residences and farmsteads, family farms, and ranches</li> </ul>	<p><b>USFWS Fee Owned Land</b></p> <ul style="list-style-type: none"> <li><span style="border: 2px solid purple; width: 15px; height: 10px; display: inline-block;"></span> Waterfowl Protection Area</li> </ul> <p><b>USFWS Easements</b></p> <ul style="list-style-type: none"> <li><span style="border: 2px solid green; width: 15px; height: 10px; display: inline-block;"></span> Grassland</li> <li><span style="border: 2px solid yellow; width: 15px; height: 10px; display: inline-block;"></span> Grassland/Wetland</li> <li><span style="border: 2px solid orange; width: 15px; height: 10px; display: inline-block;"></span> Wetland</li> </ul>
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**USGS Landcover/Land Use Field Data**  
**South Dakota**

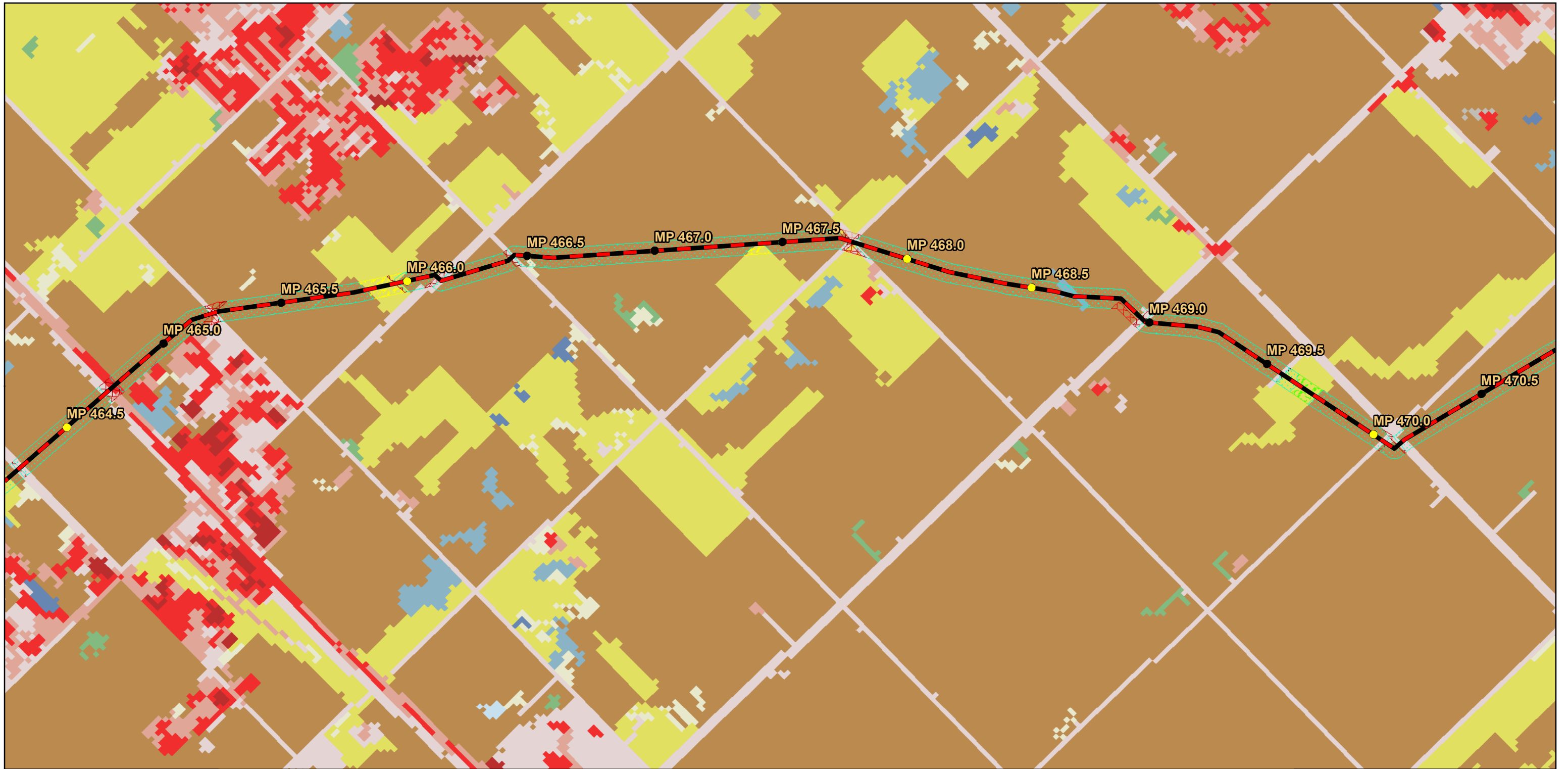
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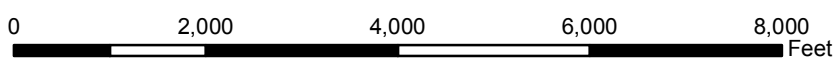
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|----------------------------|-------------------------------|--------------------------------|---------------------------------|--|
| ● Milepost                 | ■ Developed, Medium Intensity | ■ Shrub/Scrub                  | <b>Land Use Field Data Type</b> | ■ Land use primarily for row and no-row crops in rotation    |
| — Proposed Route           | ■ Developed, High Intensity   | ■ Grassland/Herbaceous         | ■ Haylands                      | ■ Public, commercial, and institutional use                  |
| <b>USGS NLCD Type</b>      | ■ Barren Land                 | ■ Pasture/Hay                  | ■ Pasturelands and rangelands   | ■ Residential  |
| ■ Open Water               | ■ Deciduous Forest            | ■ Cultivated Crops             | ■ Undisturbed native grassland  | ■ Rural residences and farmsteads, family farms, and ranches |
| ■ Developed, Open Space    | ■ Evergreen Forest            | ■ Woody Wetlands               | ■ Irrigated lands               |  |
| ■ Developed, Low intensity | ■ Mixed Forest                | ■ Emergent Herbaceous Wetlands |                                 |  |

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|-----------------------------|
| <b>USFWS Fee Owned Land</b> |
| ■ Waterfowl Protection Area |
| <b>USFWS Easements</b>      |
| ■ Grassland                 |
| ■ Grassland/Wetland         |
| ■ Wetland                   |

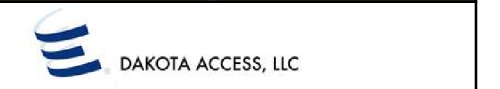
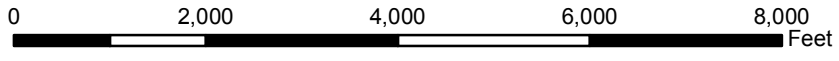


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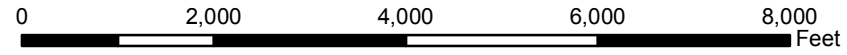
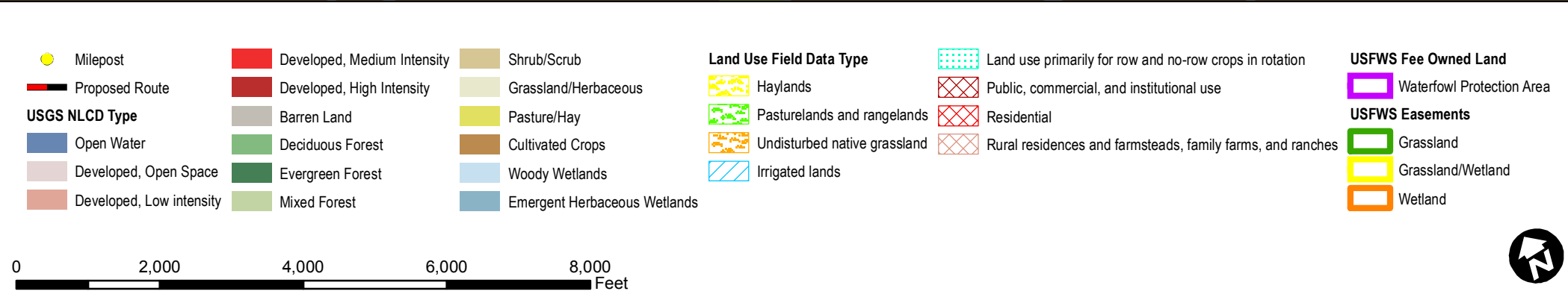


<ul style="list-style-type: none"> <li><span style="color: yellow;">●</span> Milepost</li> <li><span style="border-bottom: 2px dashed black; width: 20px; display: inline-block;"></span> Proposed Route</li> </ul>	<ul style="list-style-type: none"> <li><span style="background-color: red; width: 15px; height: 10px; display: inline-block;"></span> Developed, Medium Intensity</li> <li><span style="background-color: darkred; width: 15px; height: 10px; display: inline-block;"></span> Developed, High Intensity</li> <li><span style="background-color: gray; width: 15px; height: 10px; display: inline-block;"></span> Barren Land</li> <li><span style="background-color: green; width: 15px; height: 10px; display: inline-block;"></span> Deciduous Forest</li> <li><span style="background-color: darkgreen; width: 15px; height: 10px; display: inline-block;"></span> Evergreen Forest</li> <li><span style="background-color: lightgreen; width: 15px; height: 10px; display: inline-block;"></span> Mixed Forest</li> </ul>	<ul style="list-style-type: none"> <li><span style="background-color: tan; width: 15px; height: 10px; display: inline-block;"></span> Shrub/Scrub</li> <li><span style="background-color: lightyellow; width: 15px; height: 10px; display: inline-block;"></span> Grassland/Herbaceous</li> <li><span style="background-color: yellow; width: 15px; height: 10px; display: inline-block;"></span> Pasture/Hay</li> <li><span style="background-color: brown; width: 15px; height: 10px; display: inline-block;"></span> Cultivated Crops</li> <li><span style="background-color: lightblue; width: 15px; height: 10px; display: inline-block;"></span> Woody Wetlands</li> <li><span style="background-color: blue; width: 15px; height: 10px; display: inline-block;"></span> Emergent Herbaceous Wetlands</li> </ul>	<p><b>Land Use Field Data Type</b></p> <ul style="list-style-type: none"> <li><span style="background-color: yellow; border: 1px solid black; width: 15px; height: 10px; display: inline-block;"></span> Haylands</li> <li><span style="background-color: green; border: 1px solid black; width: 15px; height: 10px; display: inline-block;"></span> Pasturelands and rangelands</li> <li><span style="background-color: orange; border: 1px solid black; width: 15px; height: 10px; display: inline-block;"></span> Undisturbed native grassland</li> <li><span style="border: 1px solid blue; width: 15px; height: 10px; display: inline-block;"></span> Irrigated lands</li> </ul>	<ul style="list-style-type: none"> <li><span style="border: 1px dashed green; width: 15px; height: 10px; display: inline-block;"></span> Land use primarily for row and no-row crops in rotation</li> <li><span style="border: 1px dashed red; width: 15px; height: 10px; display: inline-block;"></span> Public, commercial, and institutional use</li> <li><span style="border: 1px dashed pink; width: 15px; height: 10px; display: inline-block;"></span> Residential</li> <li><span style="border: 1px dashed purple; width: 15px; height: 10px; display: inline-block;"></span> Rural residences and farmsteads, family farms, and ranches</li> </ul>	<p><b>USFWS Fee Owned Land</b></p> <ul style="list-style-type: none"> <li><span style="border: 2px solid purple; width: 15px; height: 10px; display: inline-block;"></span> Waterfowl Protection Area</li> </ul> <p><b>USFWS Easements</b></p> <ul style="list-style-type: none"> <li><span style="border: 2px solid green; width: 15px; height: 10px; display: inline-block;"></span> Grassland</li> <li><span style="border: 2px solid yellow; width: 15px; height: 10px; display: inline-block;"></span> Grassland/Wetland</li> <li><span style="border: 2px solid orange; width: 15px; height: 10px; display: inline-block;"></span> Wetland</li> </ul>
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