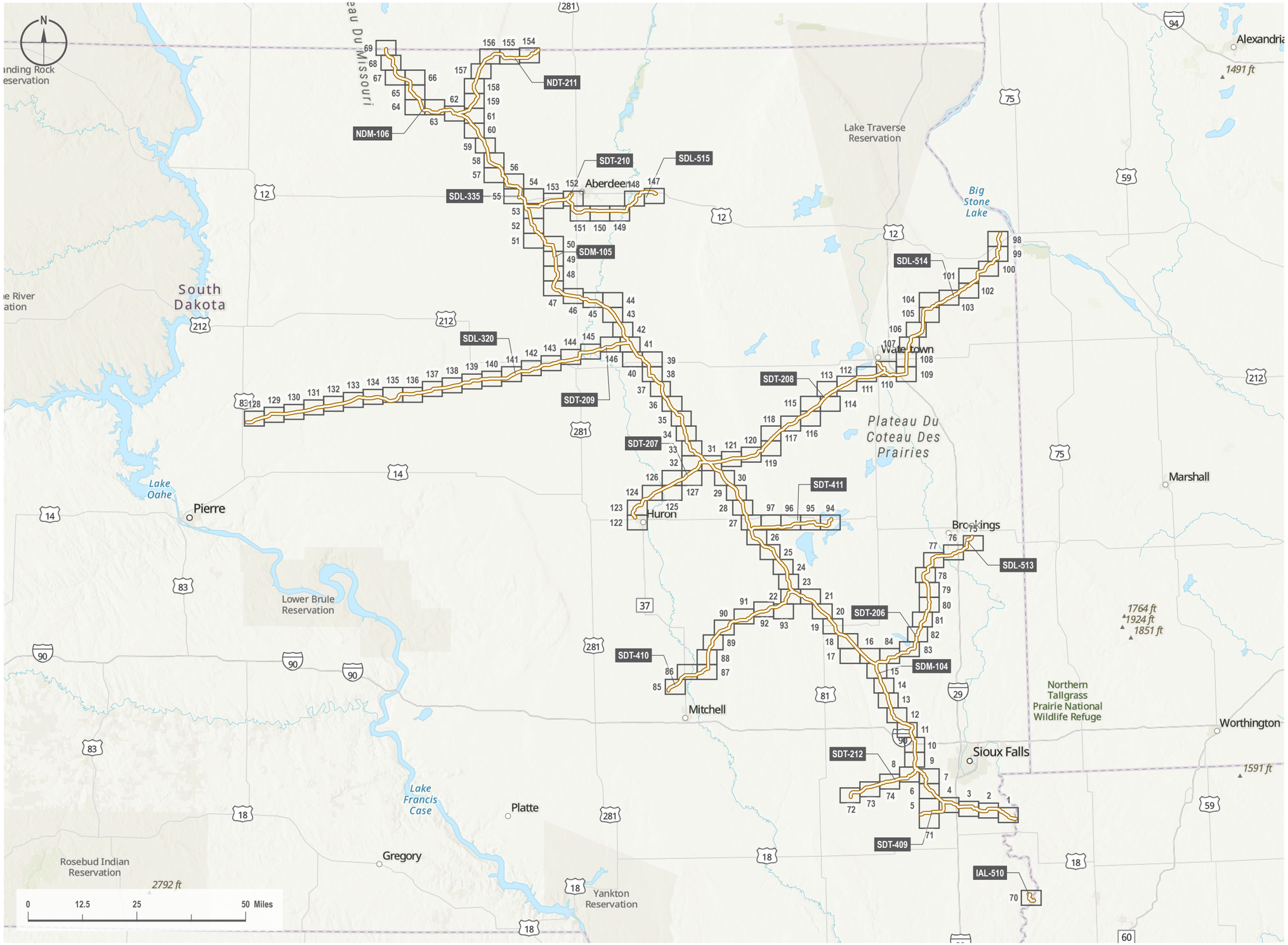
Appendix 5 - Map Books

Appendix 5C - Land Use Map Book

Appendix 5C

SD PUC - Land Use / Land Cover Map Book

SD PUC - LAND USE / LAND COVER MAP BOOK - INDEX



Sources: US Geological Survey - NLCD (2021), Project Surveyed Hydro Delineations (Waterbodies & Wetlands), Microsoft Bing (2024)

VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Pump Station
- County Line
- State Line
- Section Line
- Cemetery

Land Use (ARSD 20:10:22:18)

- Existing and potential extractive nonrenewable resources
- Irrigated lands / water sources for organized rural water systems
- Irrigated lands / water sources for organized rural water systems lands / Public use
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Potential source for irrigated lands / Public use
- Public Use
- Public, commercial, and institutional use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland
- Palustrine Forested Wetland
- Palustrine Scrub-Shrub Wetland

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MIDWEST CARBON EXPRESS PROJECT

Figure Title:

SD PUC - Land Use / Land Cover Map Book Index

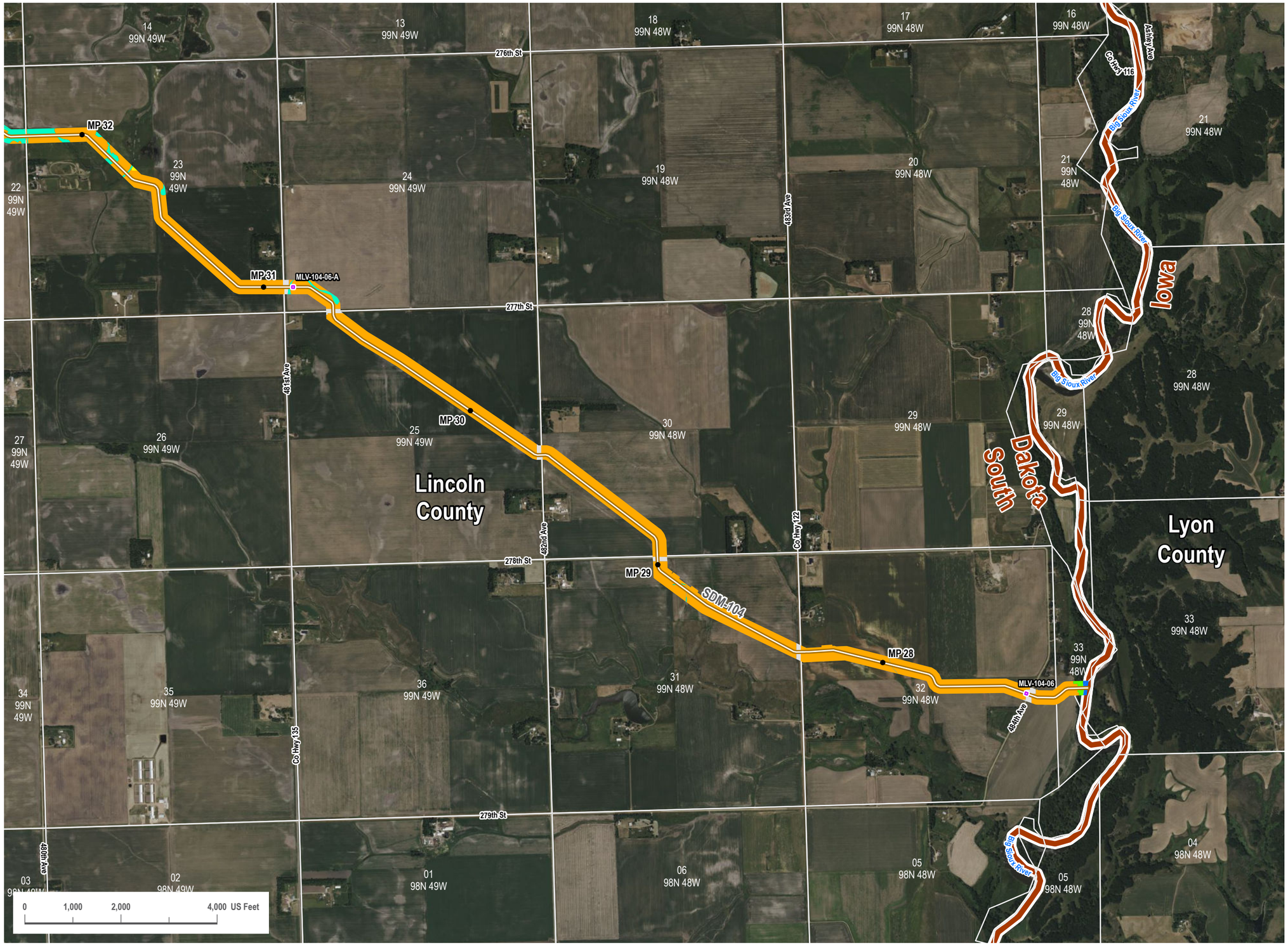
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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line
- State Line
- County Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Potential source for irrigated lands / Public use
- Public Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
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MIDWEST CARBON EXPRESS PROJECT

Figure Title:

SD PUC - Land Use / Land Cover Map Book
SDM-104

Figure Number:

Appendix 5C

Scale:	Projection:
1 : 24,000 1 inch equals 2,000 feet	Transverse Mercator NAD 1983 UTM Zone 14N

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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line
- Cemetery

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
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Figure Title:
SD PUC - Land Use / Land Cover Map Book
SDM-104

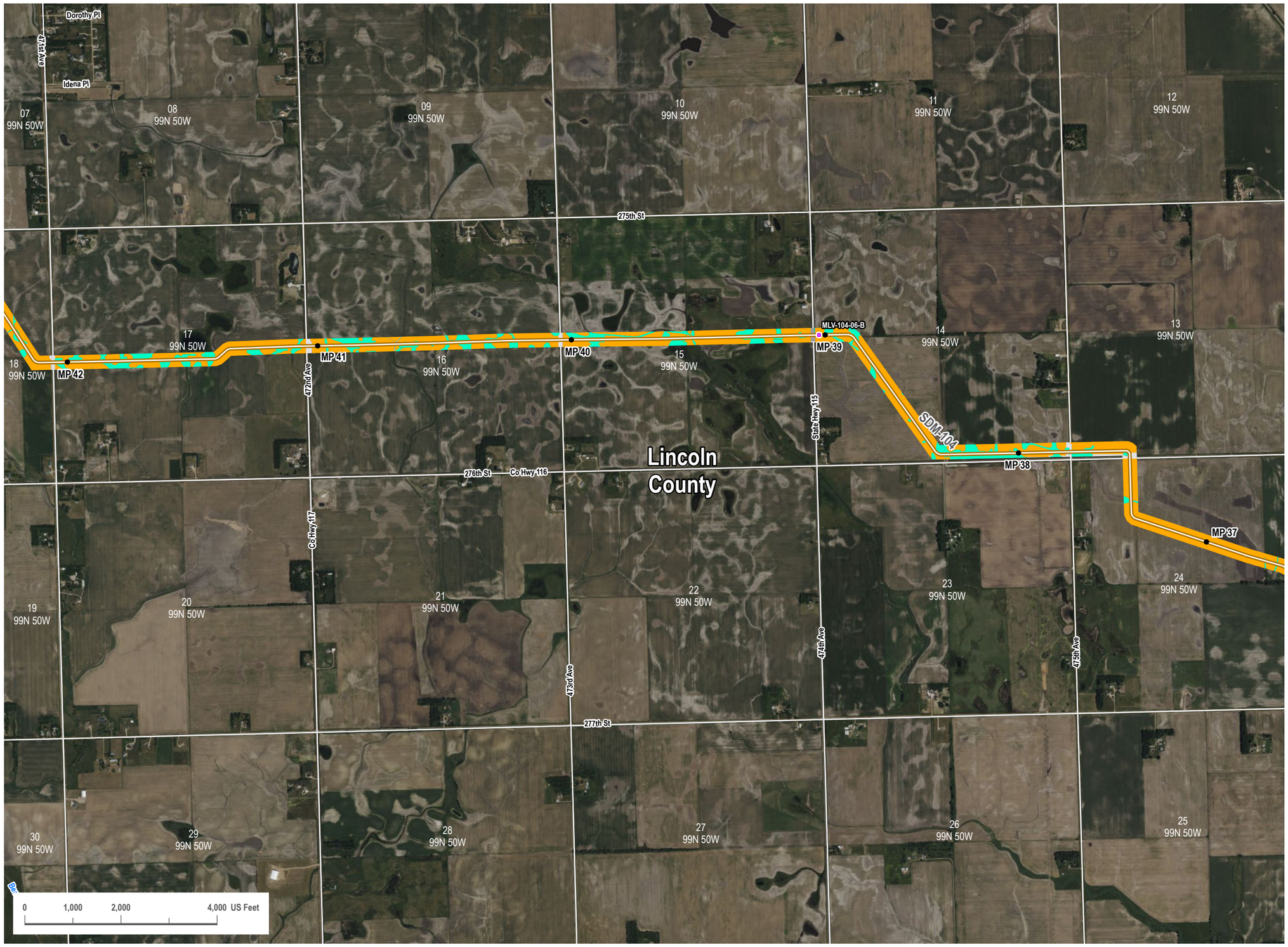
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SD PUC - LAND USE / LAND COVER MAP BOOK - SDM-104



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
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SDM-104

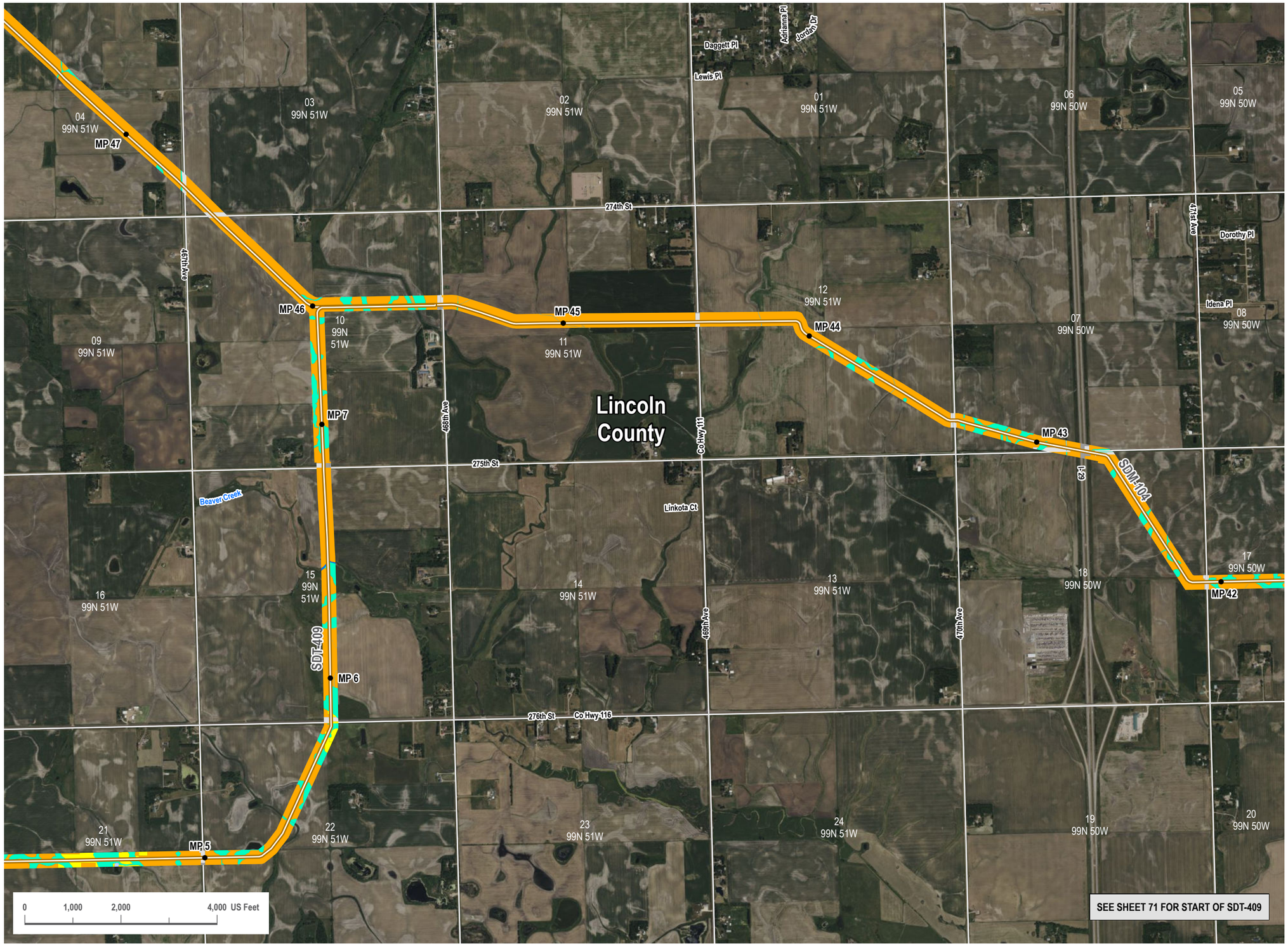
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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Potential source for irrigated lands / Public use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
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Figure Title:

SD PUC - Land Use / Land Cover Map Book
SDM-104/SDT-409

Figure Number:

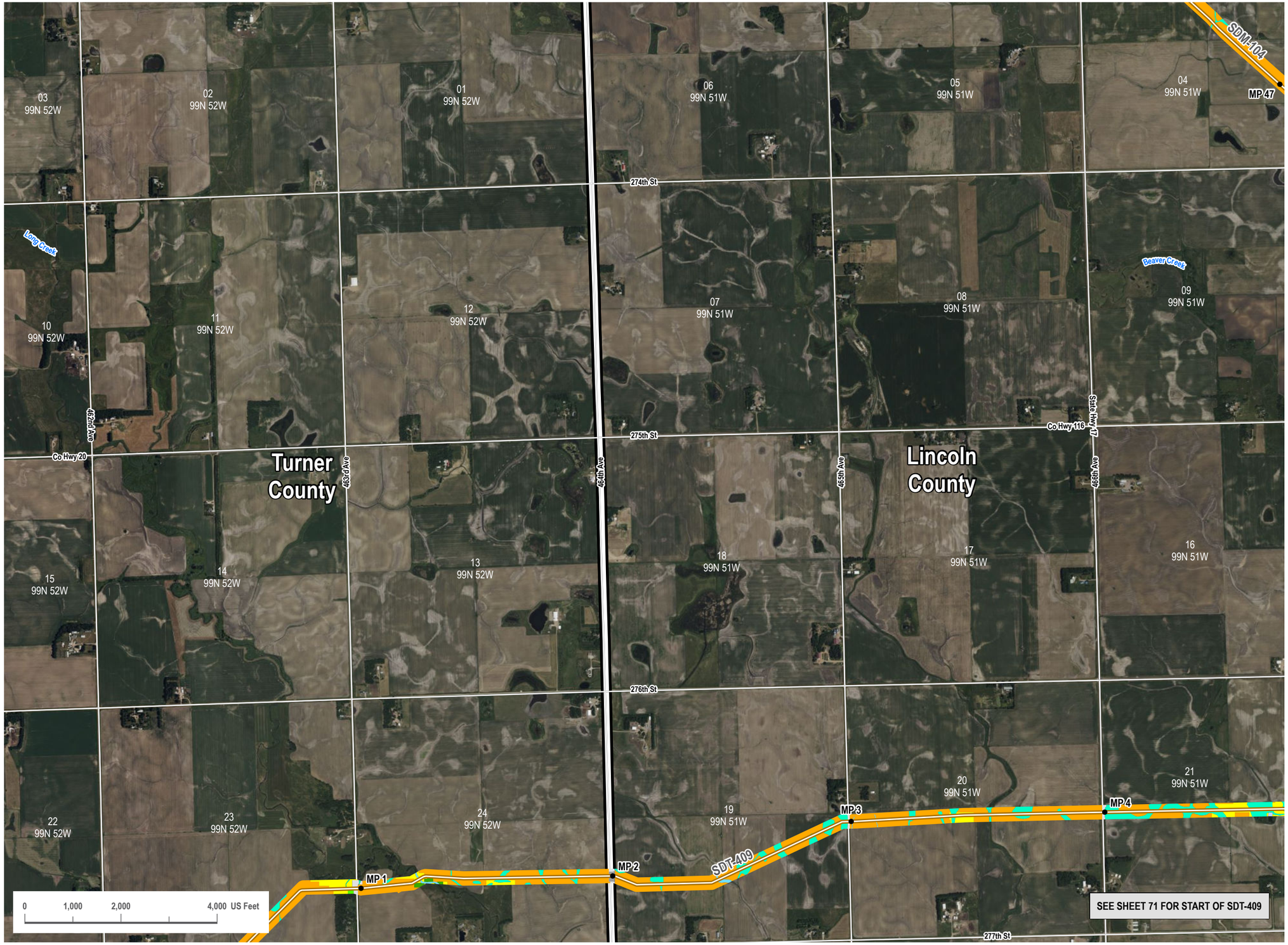
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SD PUC - LAND USE / LAND COVER MAP BOOK - SDM-104/SDT-409



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line
- County Line

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Public Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
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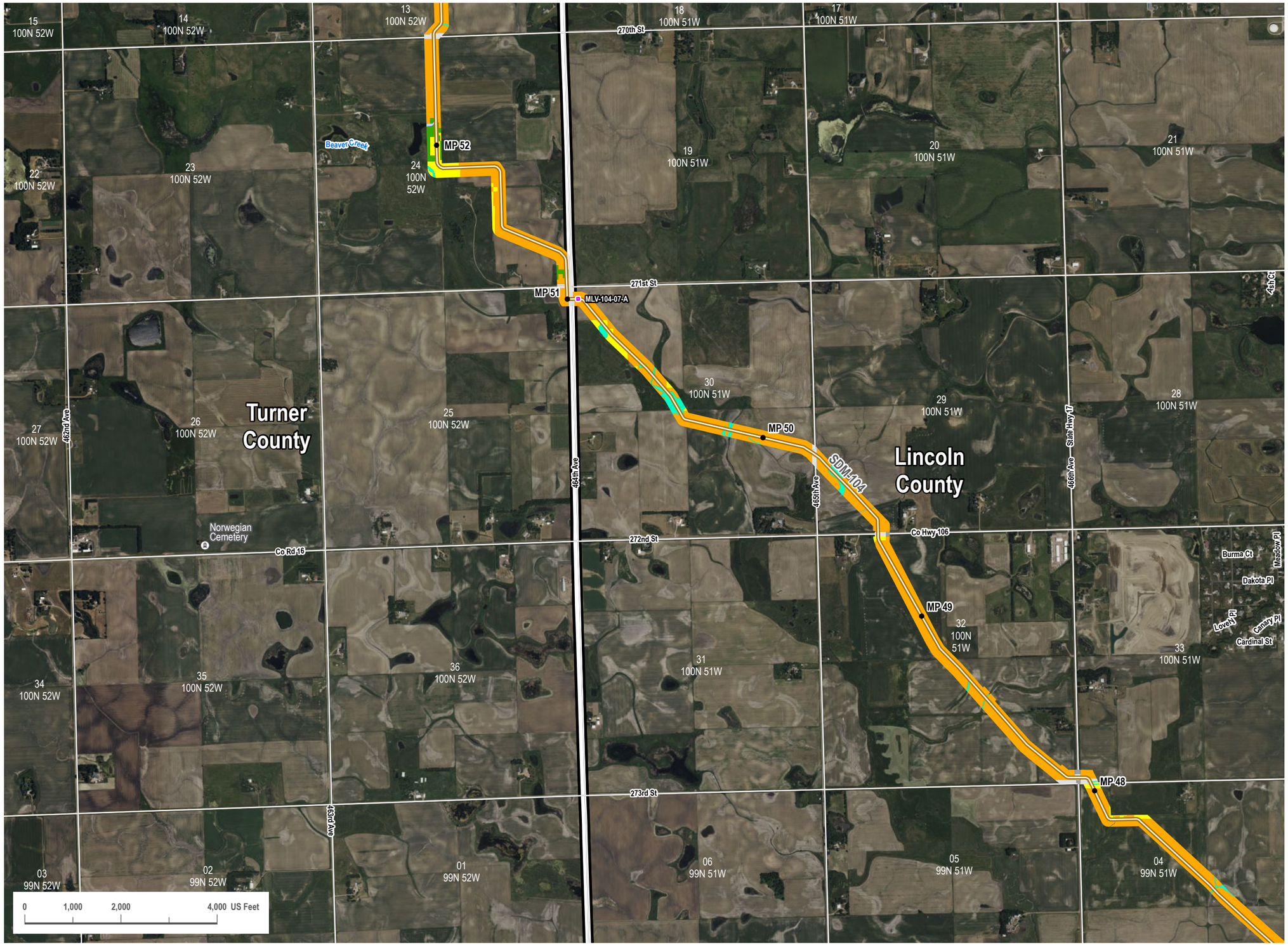
SD PUC - Land Use / Land Cover Map Book SDM-104/SDT-409

Figure Number:

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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line
- County Line
- Cemetery

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Potential source for irrigated lands / Public use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
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SDM-104

Figure Number:

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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line
- County Line

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Potential source for irrigated lands / Public use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
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SDM-104

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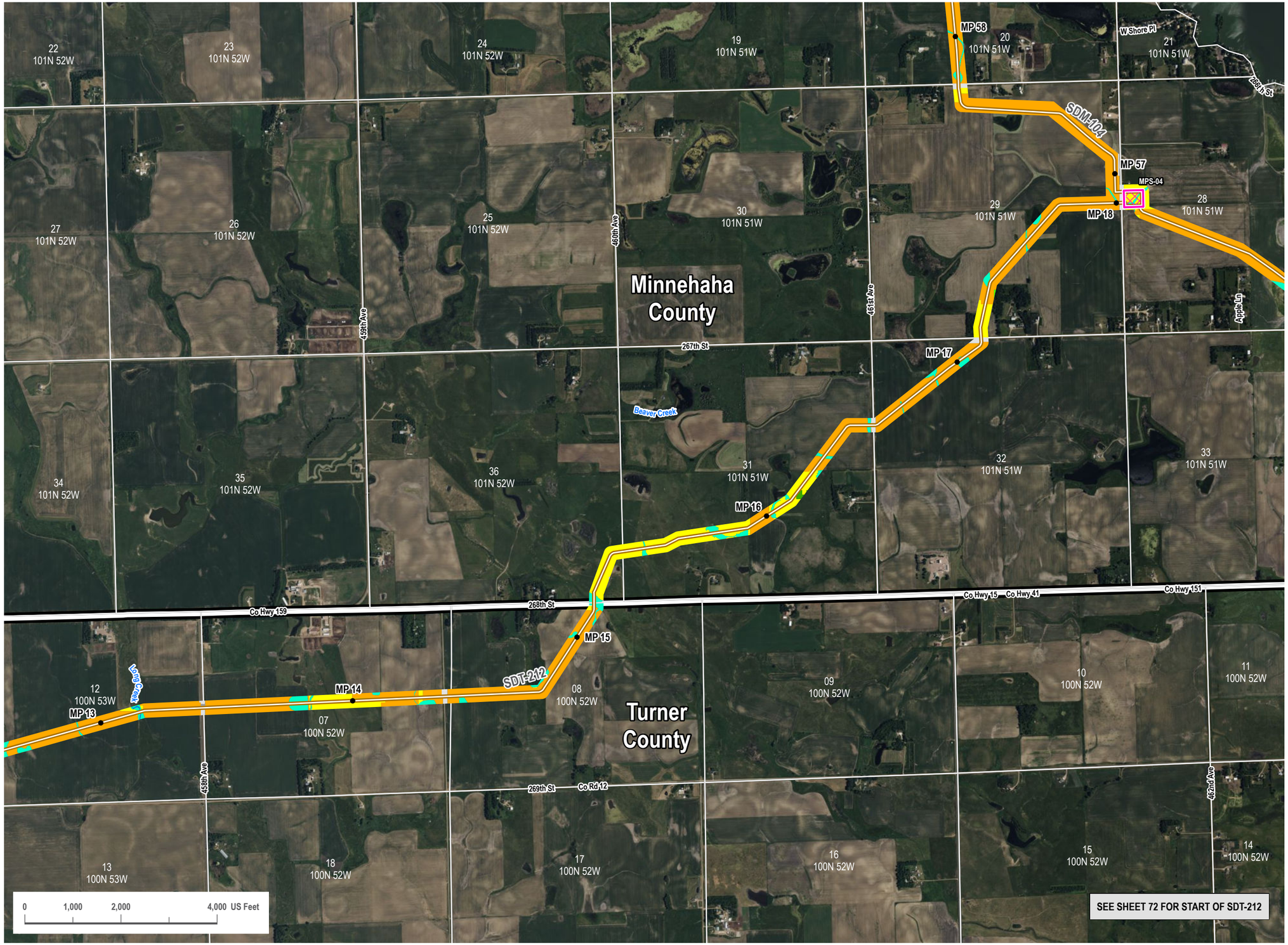
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SD PUC - LAND USE / LAND COVER MAP BOOK - SDM-104/SDT-212



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Pump Station
- Section Line
- County Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Potential source for irrigated lands / Public use
- Public Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland

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SDM-104/SDT-212

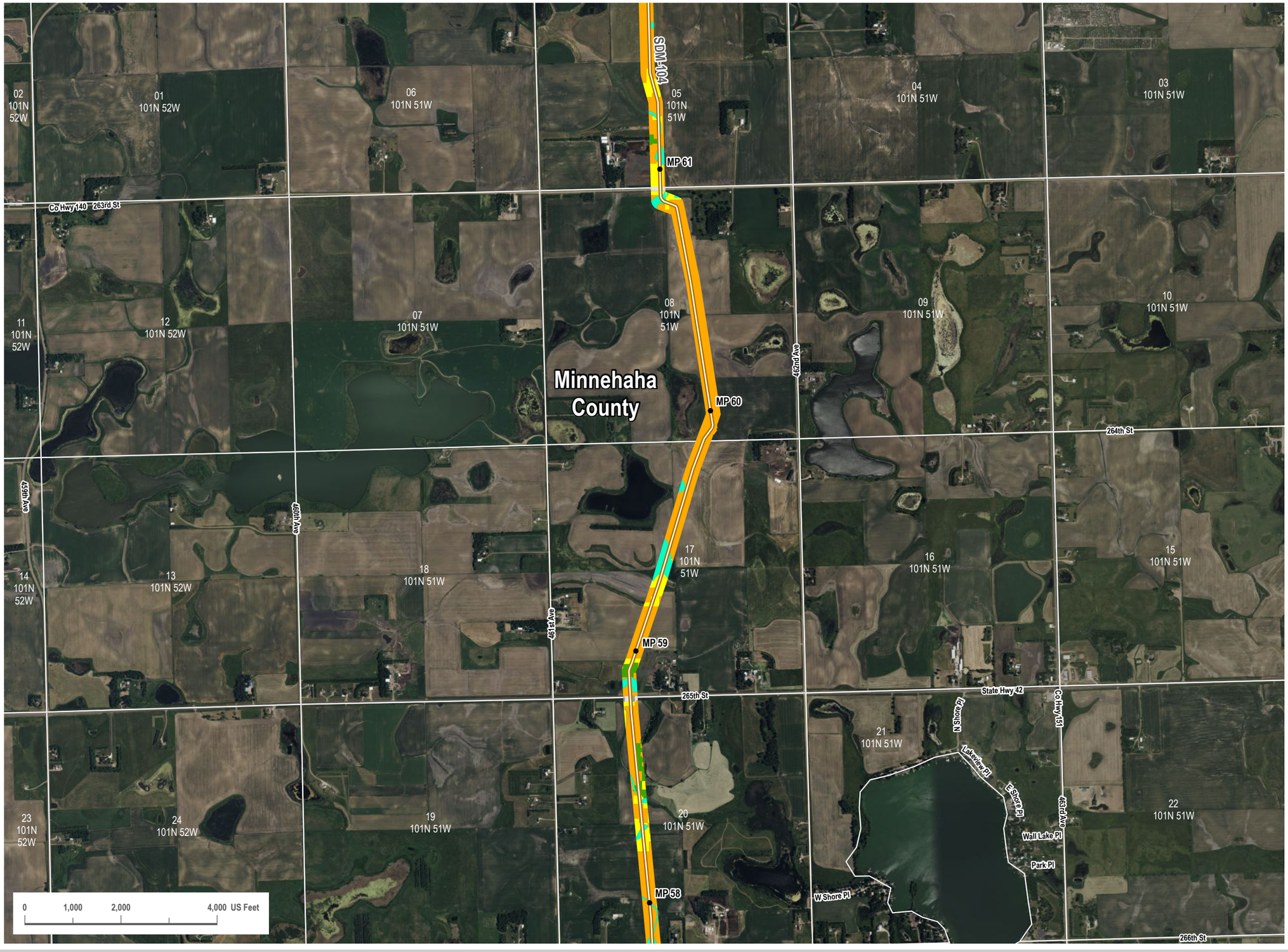
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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
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SDM-104

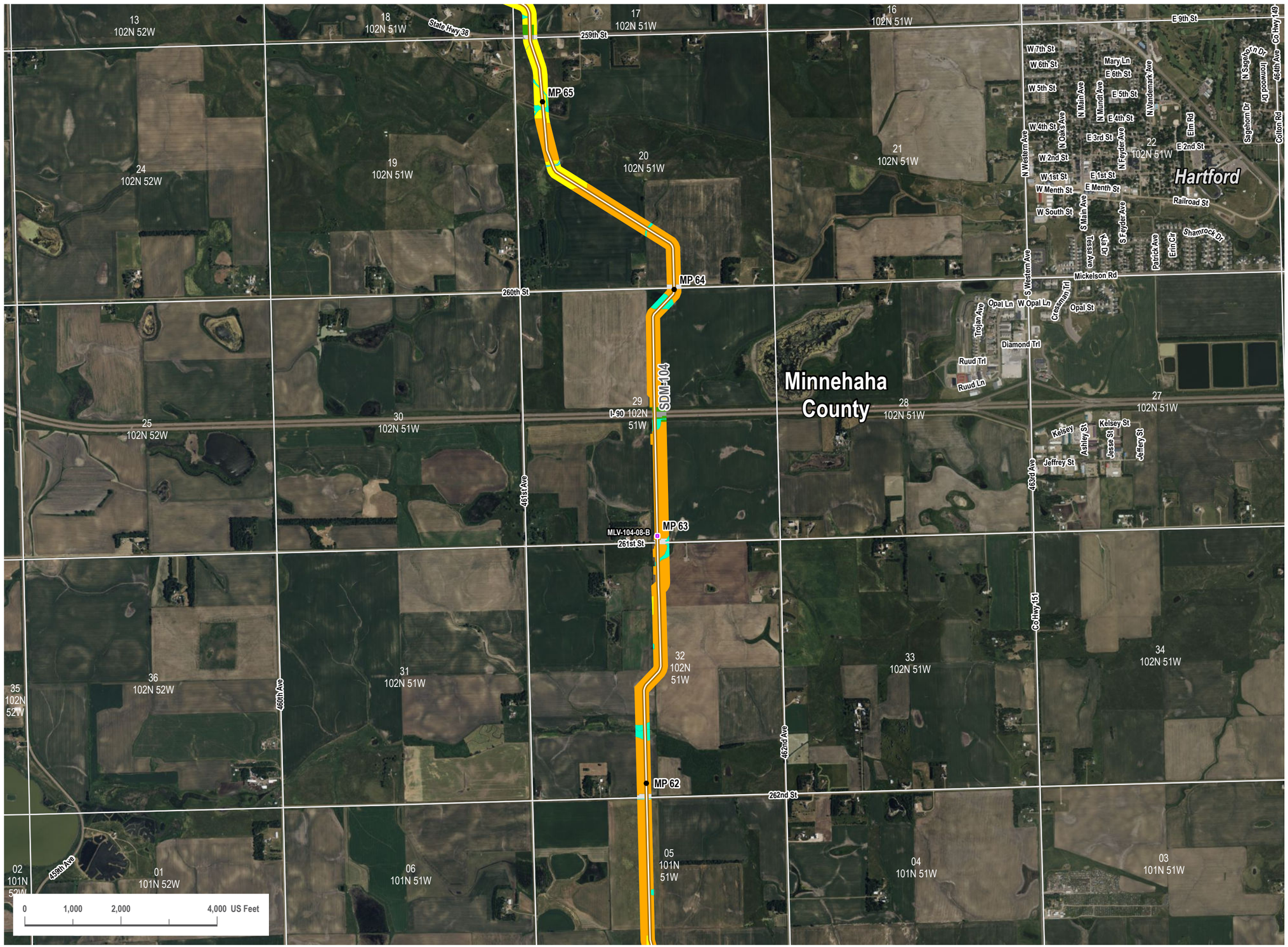
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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
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SD PUC - Land Use / Land Cover Map Book
SDM-104

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SD PUC - LAND USE / LAND COVER MAP BOOK - SDM-104



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
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- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland
- Palustrine Scrub-Shrub Wetland

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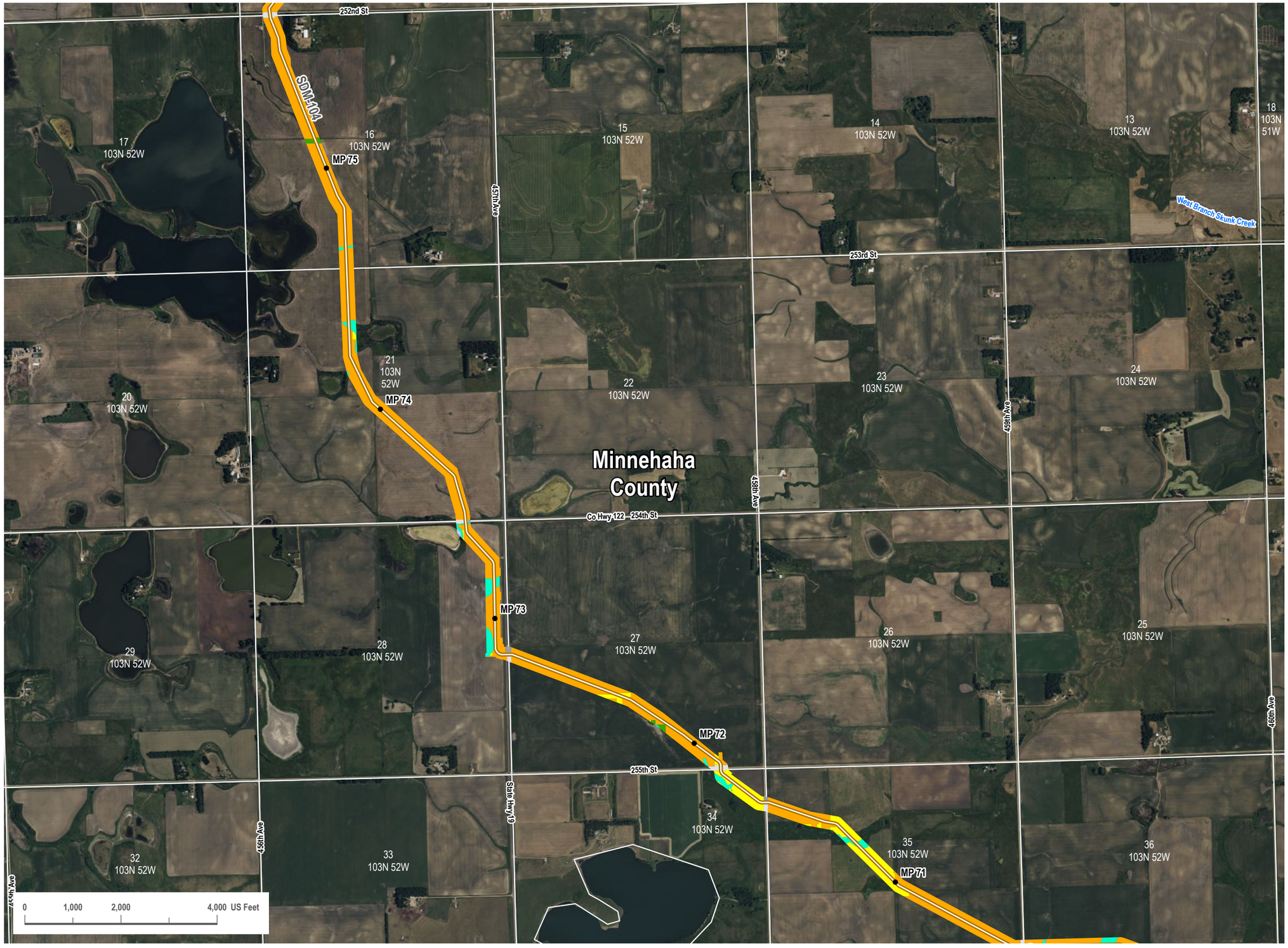
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SD PUC - Land Use / Land Cover Map Book
SDM-104

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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
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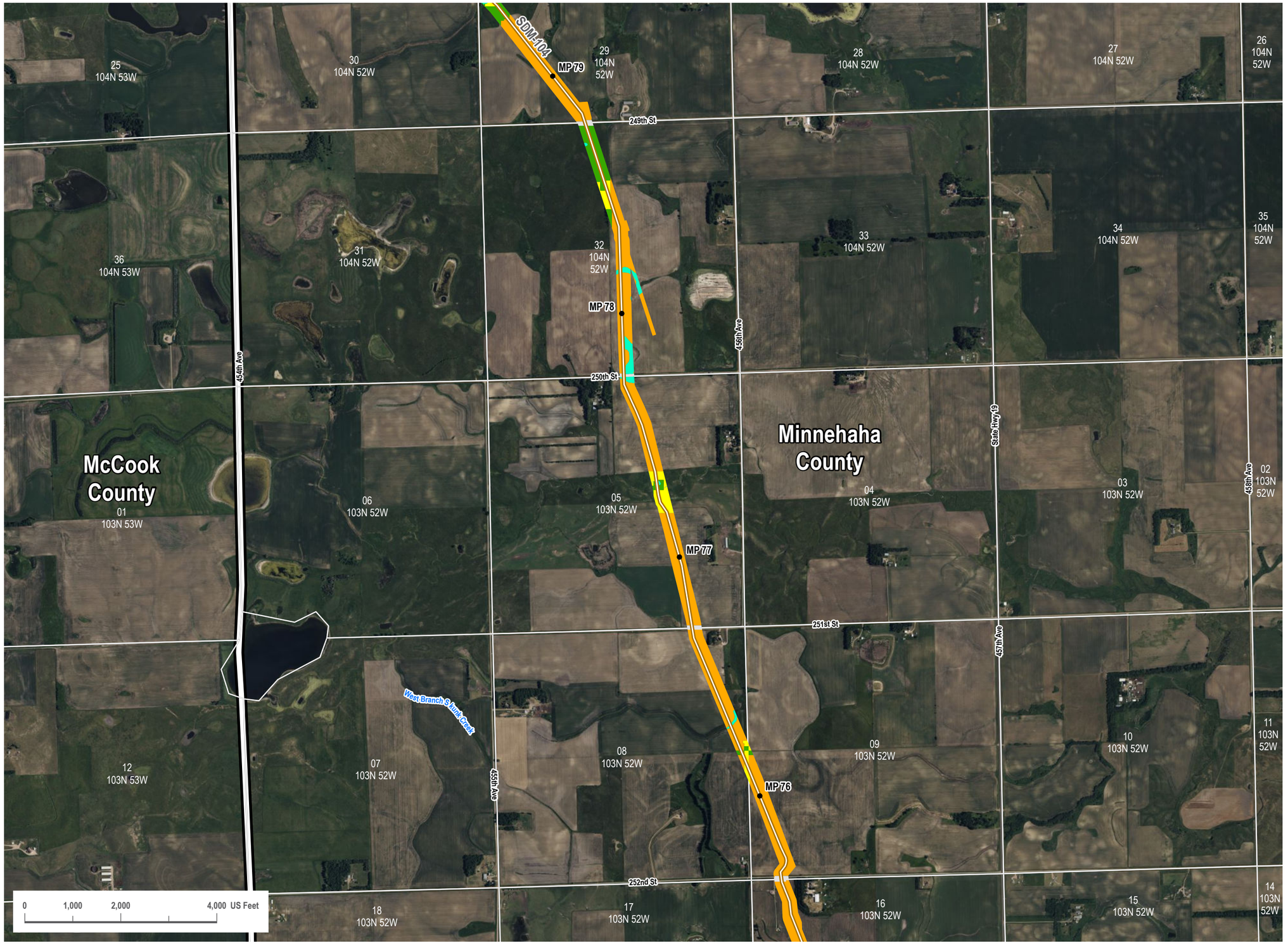
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Appendix 5C

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1 : 24,000 1 inch equals 2,000 feet	Transverse Mercator NAD 1983 UTM Zone 14N

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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line
- County Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland
- Palustrine Forested Wetland

N

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MIDWEST CARBON EXPRESS PROJECT

Figure Title:

SD PUC - Land Use / Land Cover Map Book SDM-104

Figure Number:

Appendix 5C

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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line
- County Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
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- Palustrine Forested Wetland
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Figure Title:

SD PUC - Land Use / Land Cover Map Book
SDM-104

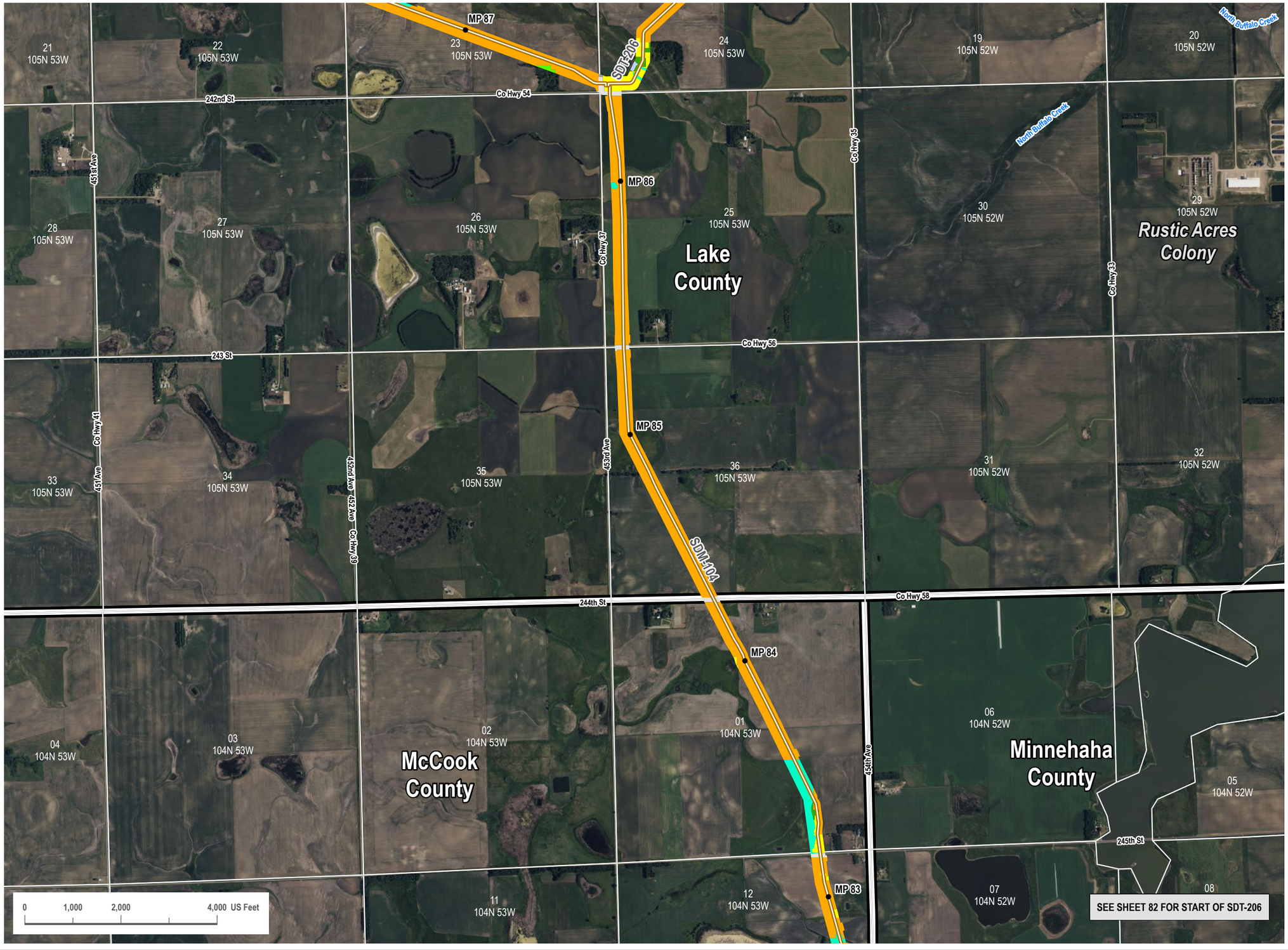
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SD PUC - LAND USE / LAND COVER MAP BOOK - SDM-104/SDT-206



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line
- County Line

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Public Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland

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SD PUC - LAND USE / LAND COVER MAP BOOK - SDM-104/SDT-206



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Public Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
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Figure Title:

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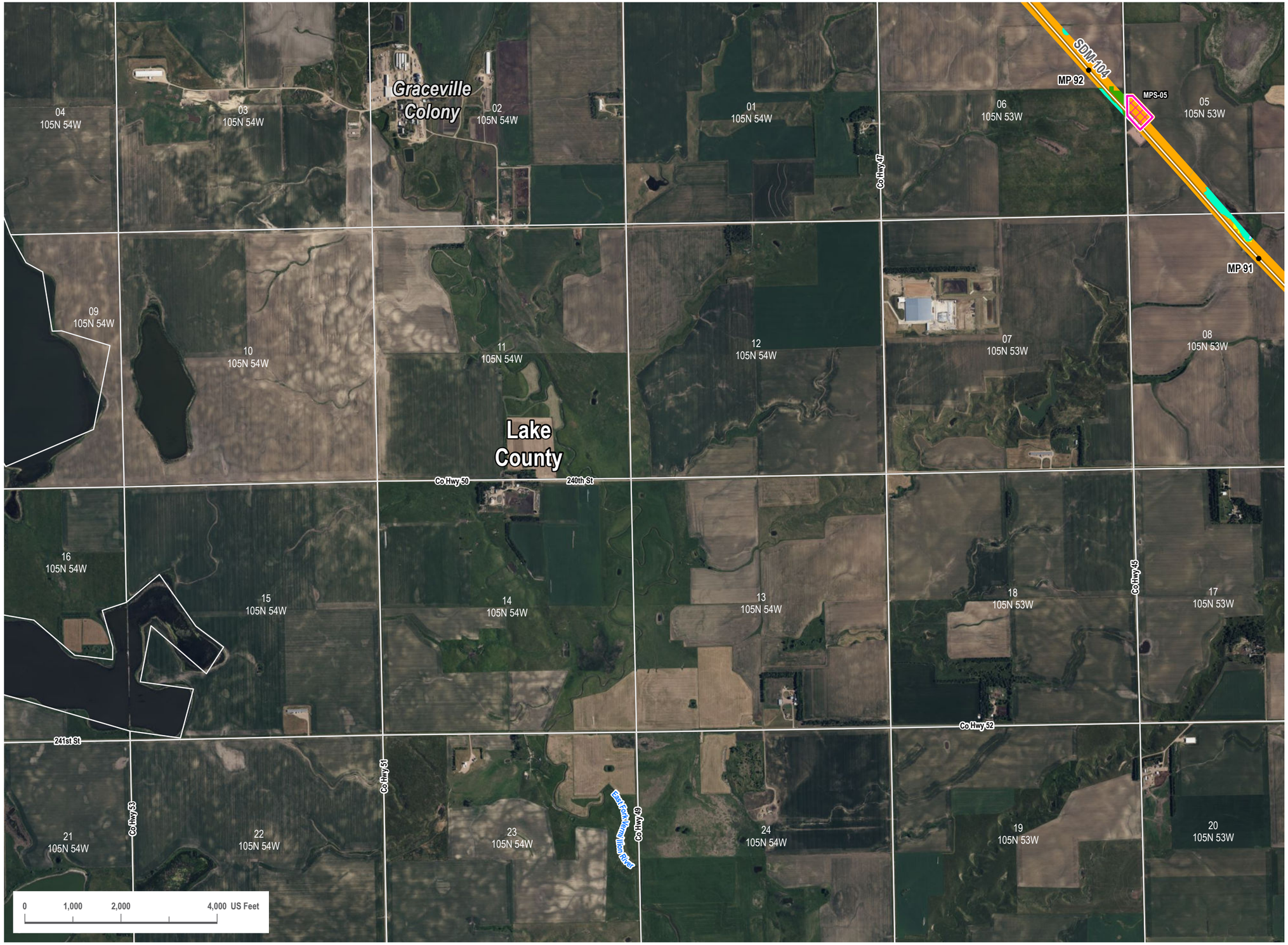
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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Pump Station
- Section Line

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland

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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line
- Cemetery

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Potential source for irrigated lands / Public use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
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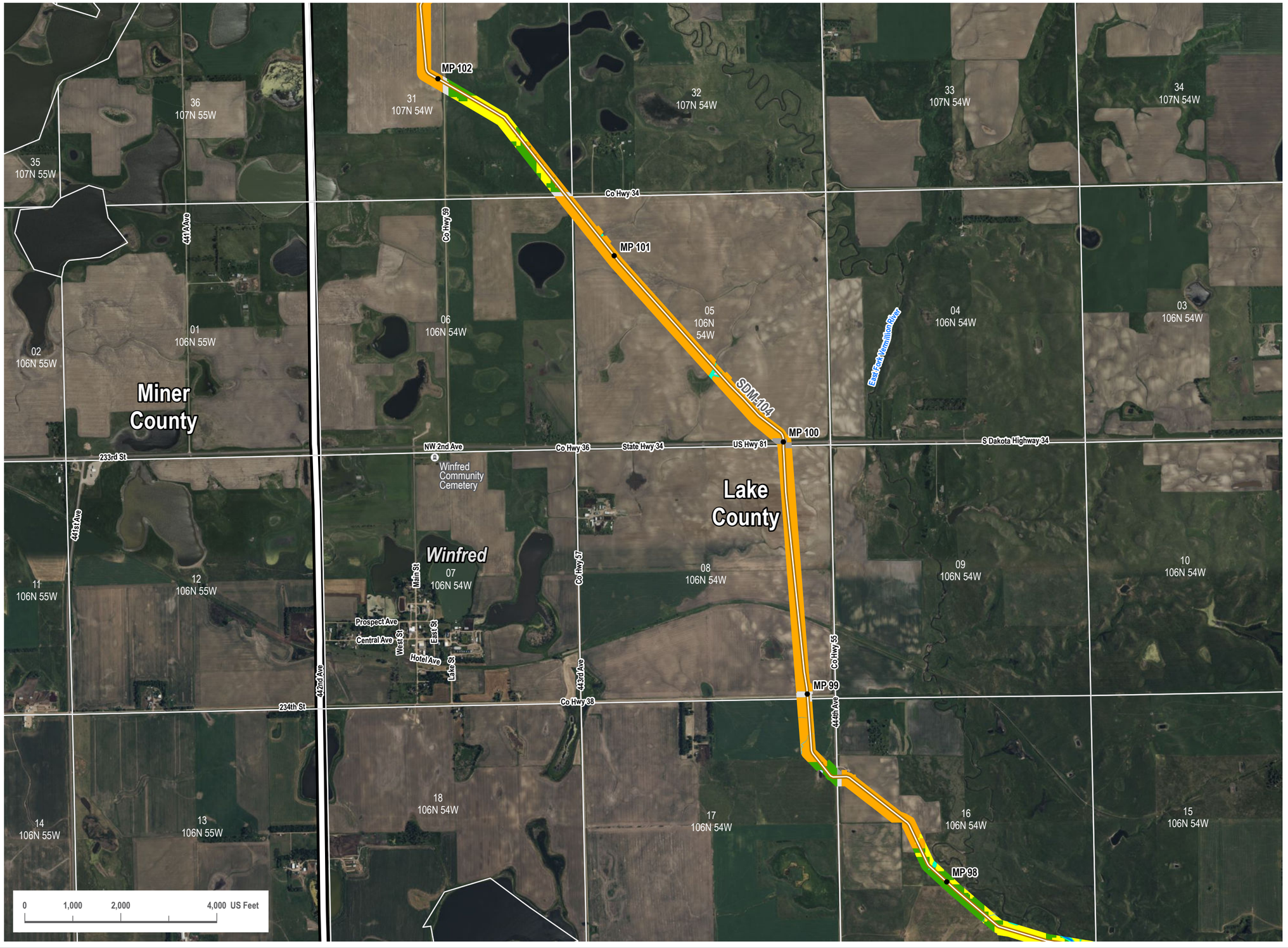
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SD PUC - LAND USE / LAND COVER MAP BOOK - SDM-104



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line
- County Line
- Cemetery

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Potential source for irrigated lands / Public use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland

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SDM-104

Figure Number:
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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line
- County Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Public, commercial, and institutional use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland

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Scale:	Projection:
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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line
- Cemetery

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Public Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland
- Palustrine Scrub-Shrub Wetland

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SDM-104

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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Palustrine Emergent Wetland

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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Palustrine Emergent Wetland

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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line
- County Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland

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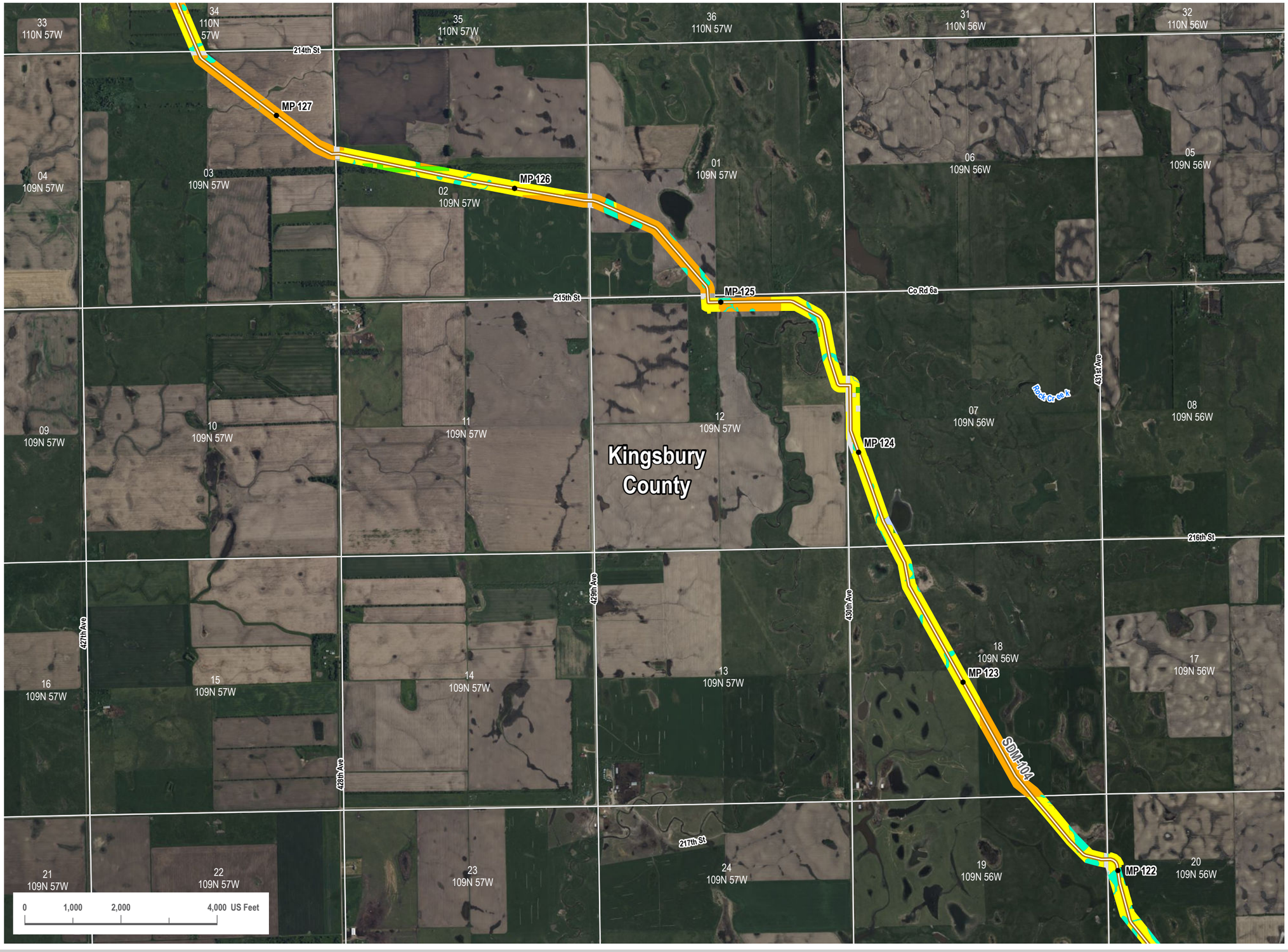
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SDM-104

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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Public Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland

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Figure Title:

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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Potential source for irrigated lands / Public use
- Public Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
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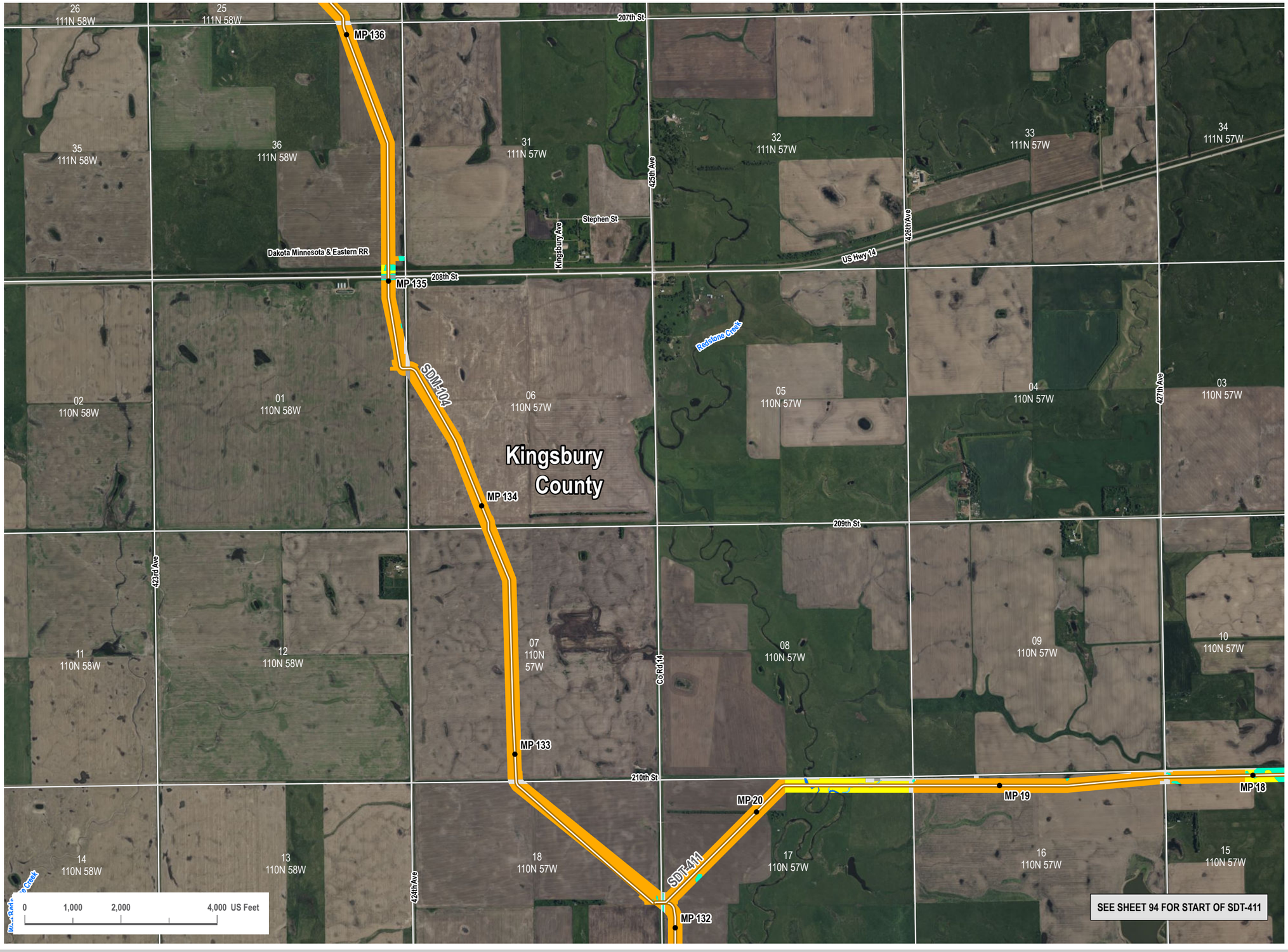
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SD PUC - LAND USE / LAND COVER MAP BOOK - SDM-104/SDT-411



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Potential source for irrigated lands / Public use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Palustrine Emergent Wetland

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Figure Title:

SD PUC - Land Use / Land Cover Map Book
SDM-104/SDT-411

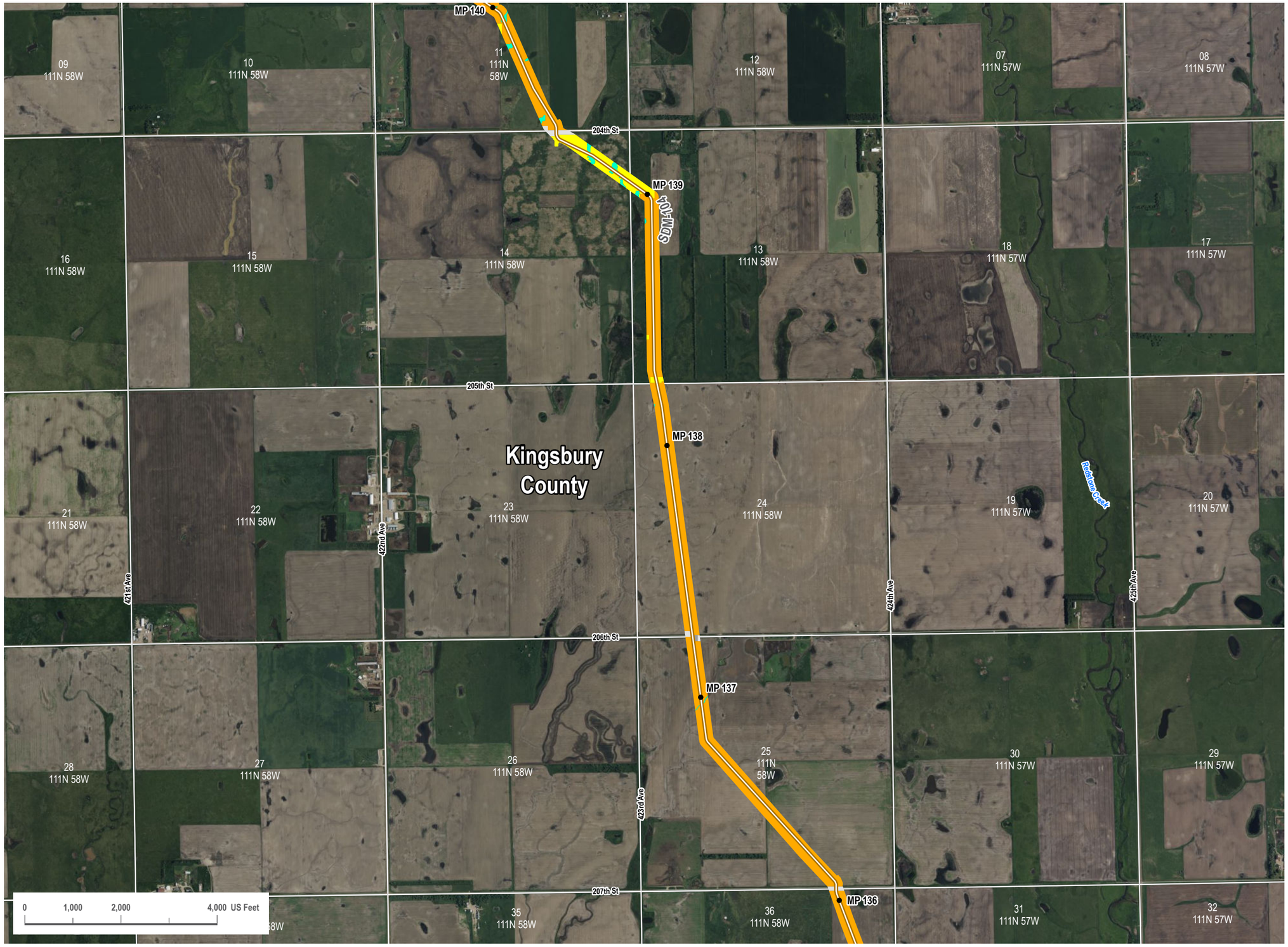
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Scale:	Projection:
1 : 24,000 1 inch equals 2,000 feet	Transverse Mercator NAD 1983 UTM Zone 14N

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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Palustrine Emergent Wetland

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Figure Title:

SD PUC - Land Use / Land Cover Map Book SDM-104

Figure Number:

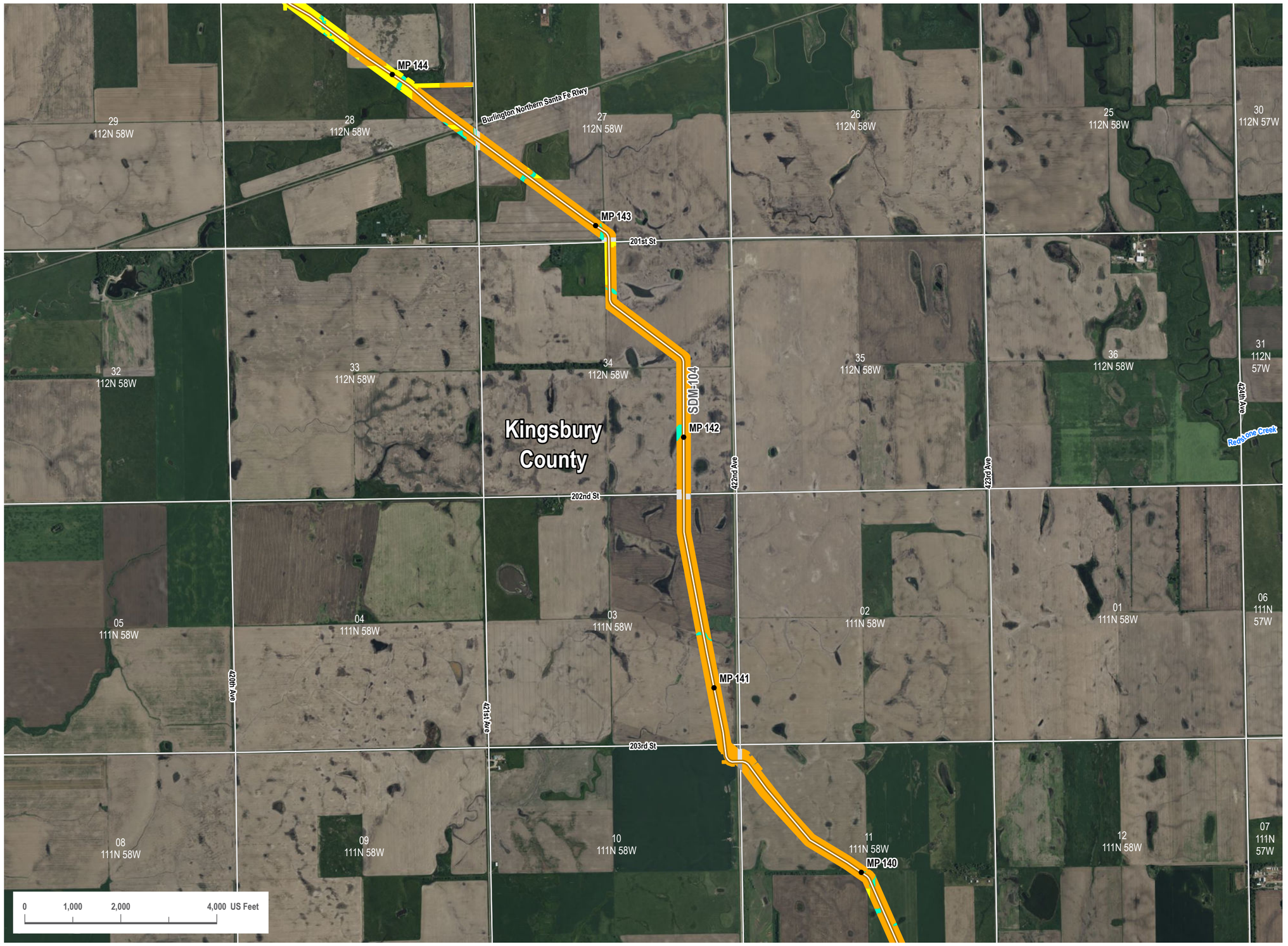
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SD PUC - LAND USE / LAND COVER MAP BOOK - SDM-104



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
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Figure Title:

SD PUC - Land Use / Land Cover Map Book
SDM-104

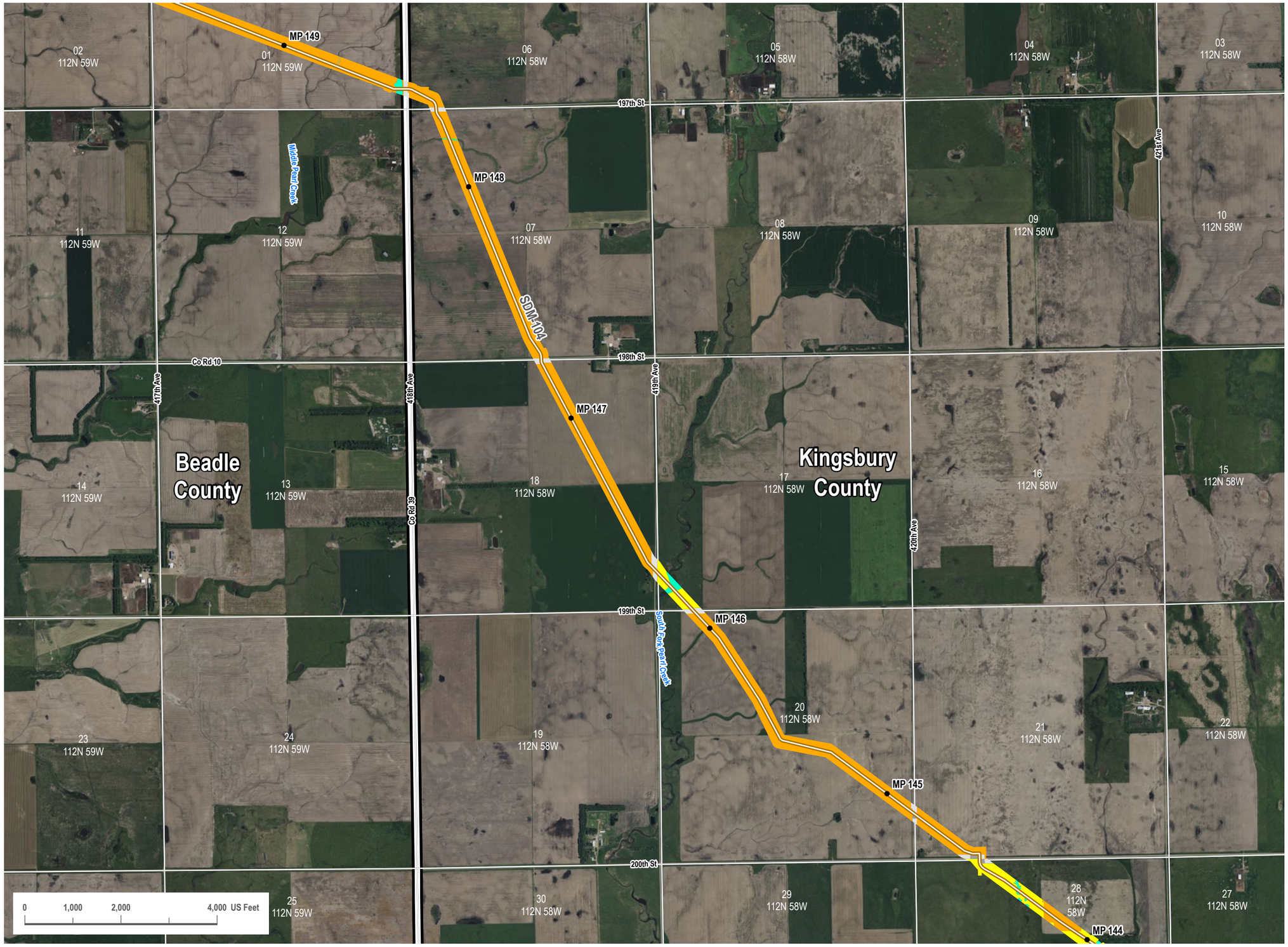
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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line
- County Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Palustrine Emergent Wetland

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Figure Title:

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Figure Number:

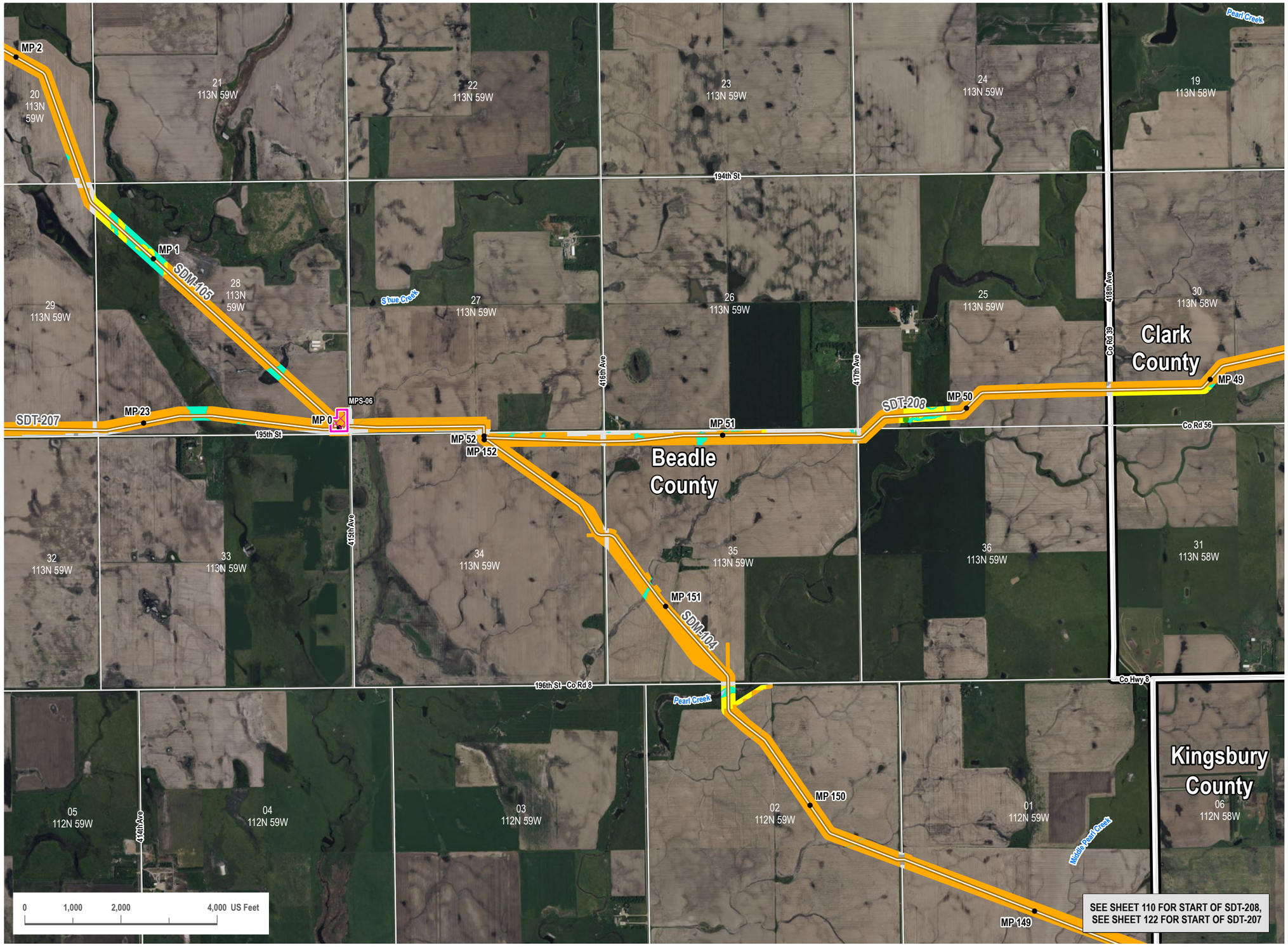
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SD PUC - LAND USE / LAND COVER MAP BOOK - SDM-104/SDM-105/SDT-207/SDT-208



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Pump Station
- Section Line
- County Line

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland

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MIDWEST CARBON EXPRESS PROJECT

Figure Title:
SD PUC - Land Use / Land Cover Map Book
SDM-104/SDM-105/SDT-207/SDT-208

Figure Number:
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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Palustrine Emergent Wetland

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Figure Title:

SD PUC - Land Use / Land Cover Map Book
SDM-105/SDT-207

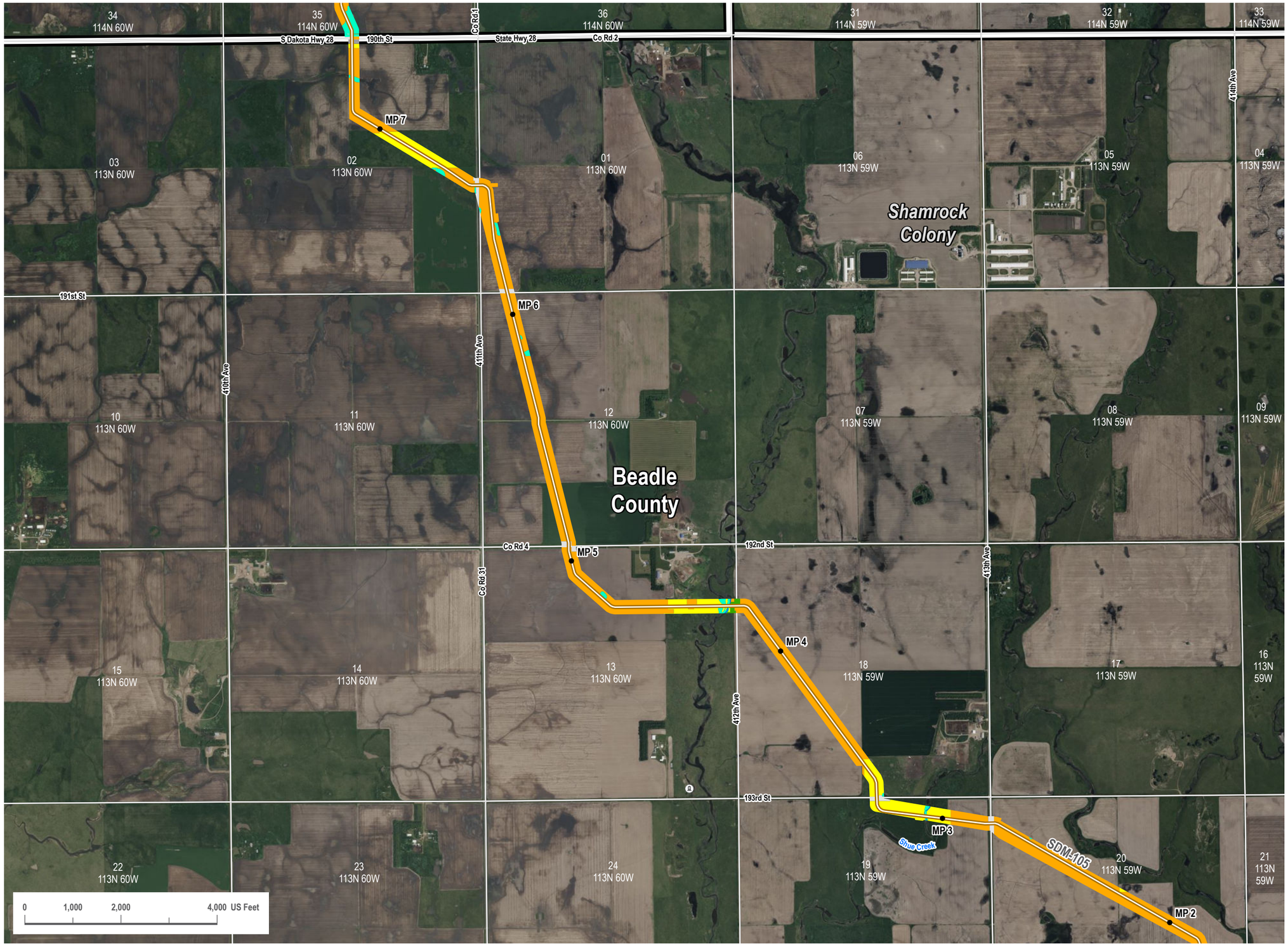
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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line
- County Line
- Cemetery

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands / Public use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland

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SDM-105

Figure Number:

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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line
- County Line

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Palustrine Emergent Wetland

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SDM-105

Figure Number:

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Scale:	Projection:
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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland

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Scale:	Projection:
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SD PUC - LAND USE / LAND COVER MAP BOOK - SDM-105



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
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- Palustrine Emergent Wetland

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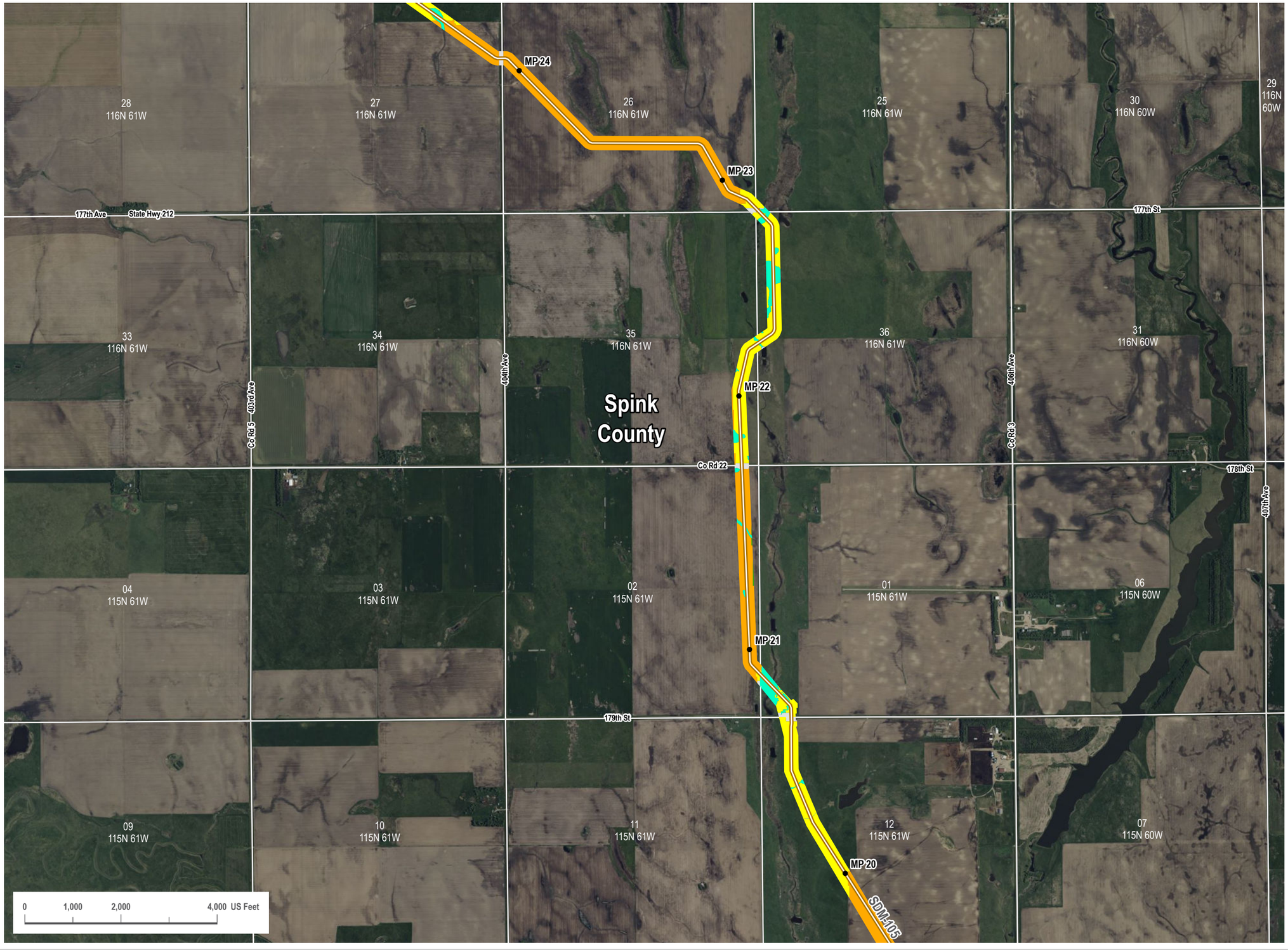
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SDM-105

Figure Number:
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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland

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Figure Title:

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SDM-105

Figure Number:

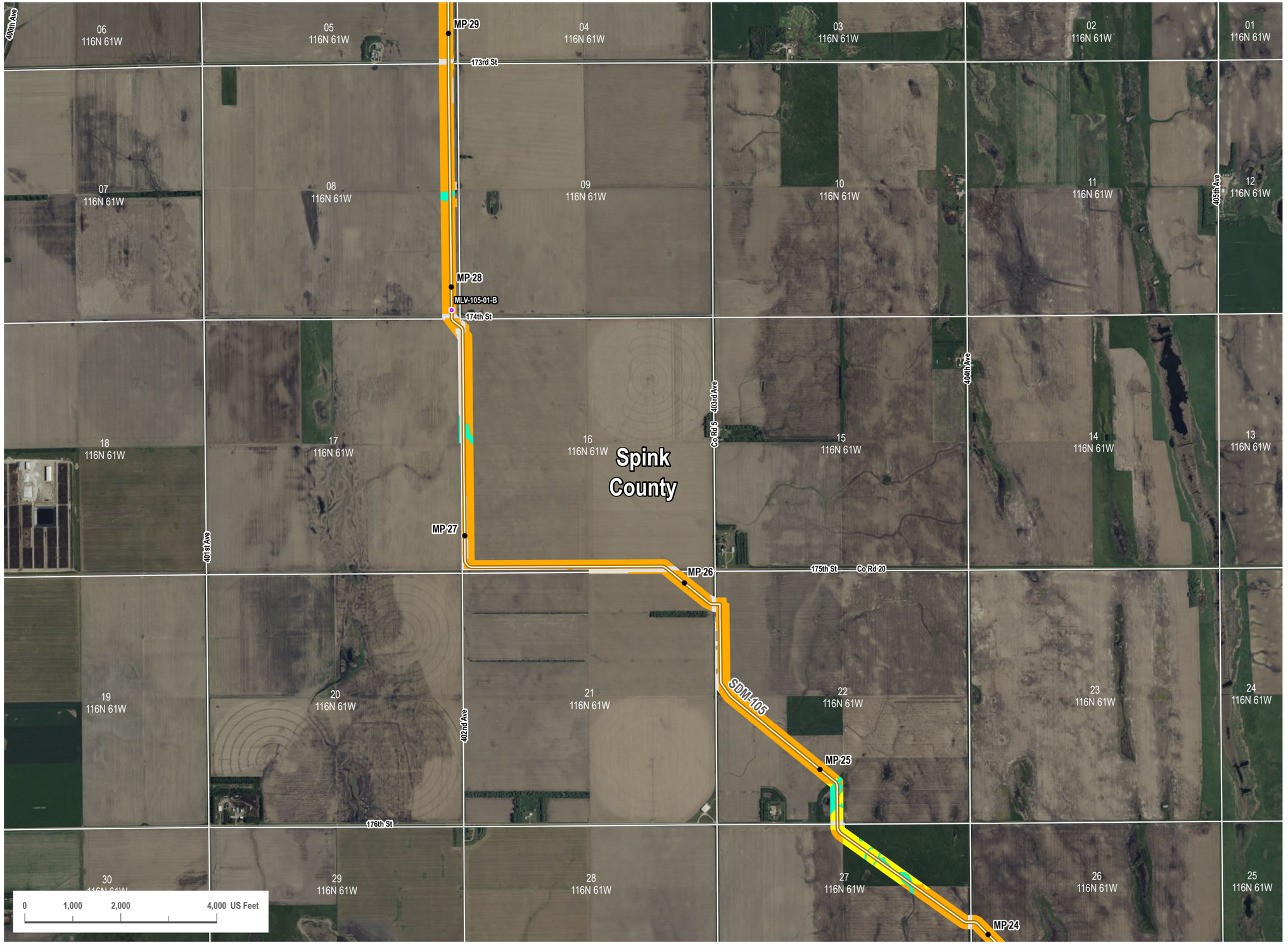
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SD PUC - LAND USE / LAND COVER MAP BOOK - SDM-105



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Public, commercial, and institutional use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
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SD PUC - LAND USE / LAND COVER MAP BOOK - SDM-105



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Potential source for irrigated lands / Public use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Potential source for irrigated lands / Public use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
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SDM-105

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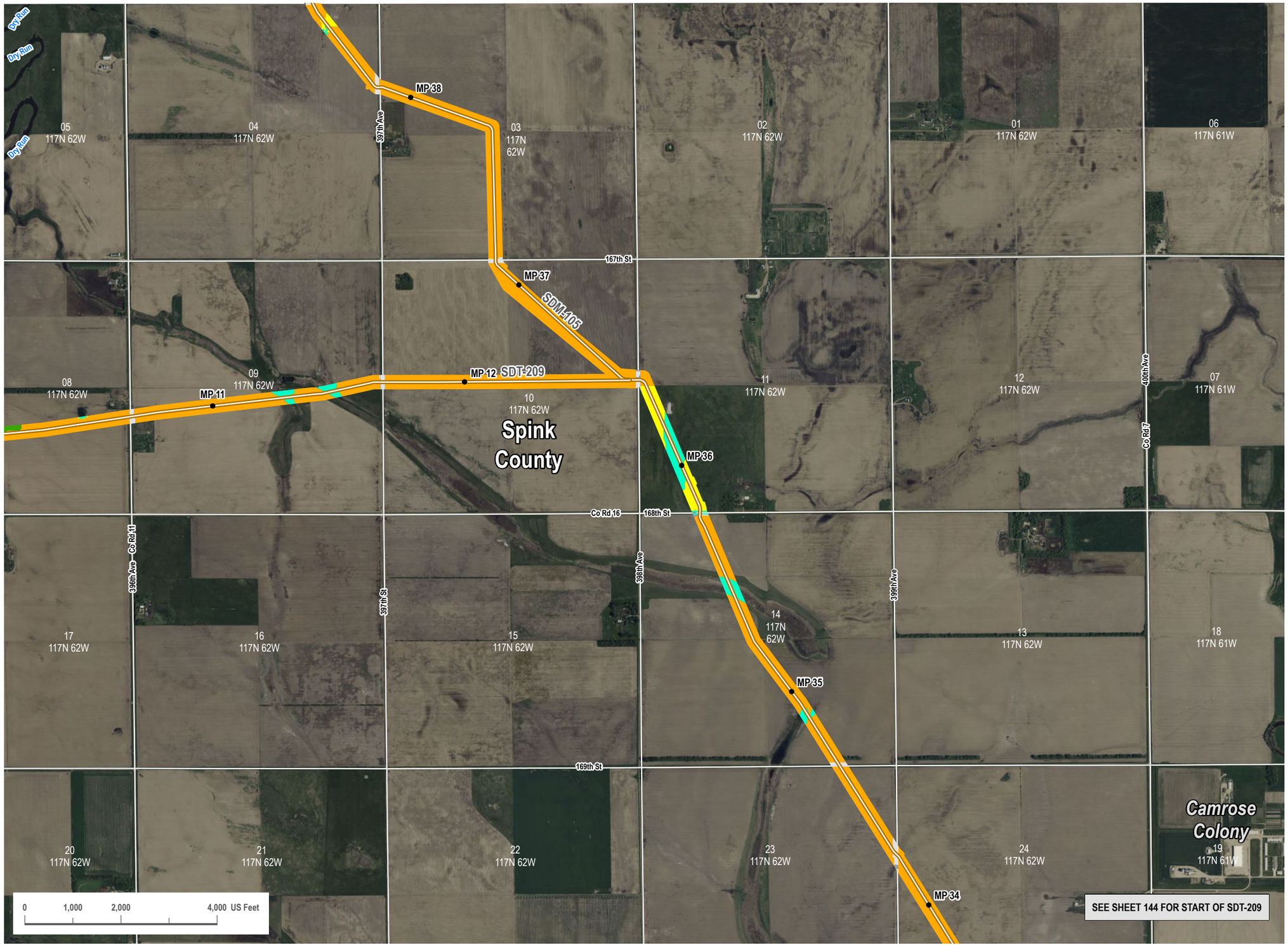
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SD PUC - LAND USE / LAND COVER MAP BOOK - SDM-105/SDT-209



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Public, commercial, and institutional use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
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SDM-105/SDT-209

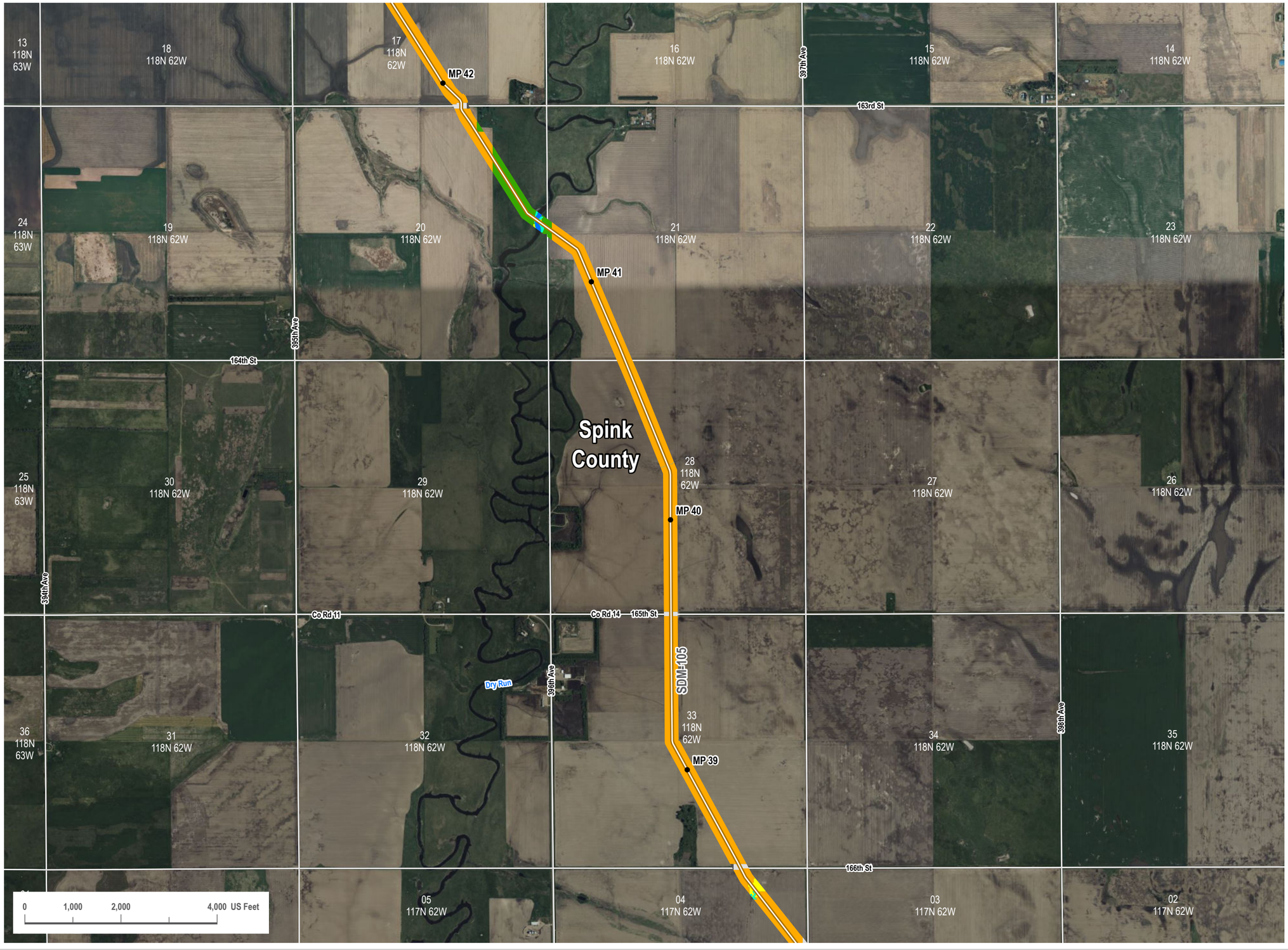
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Scale:	Projection:
1 : 24,000 1 inch equals 2,000 feet	Transverse Mercator NAD 1983 UTM Zone 14N

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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Potential source for irrigated lands / Public use
- Public, commercial, and institutional use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland

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MIDWEST CARBON EXPRESS PROJECT

Figure Title:

SD PUC - Land Use / Land Cover Map Book
SDM-105

Figure Number:

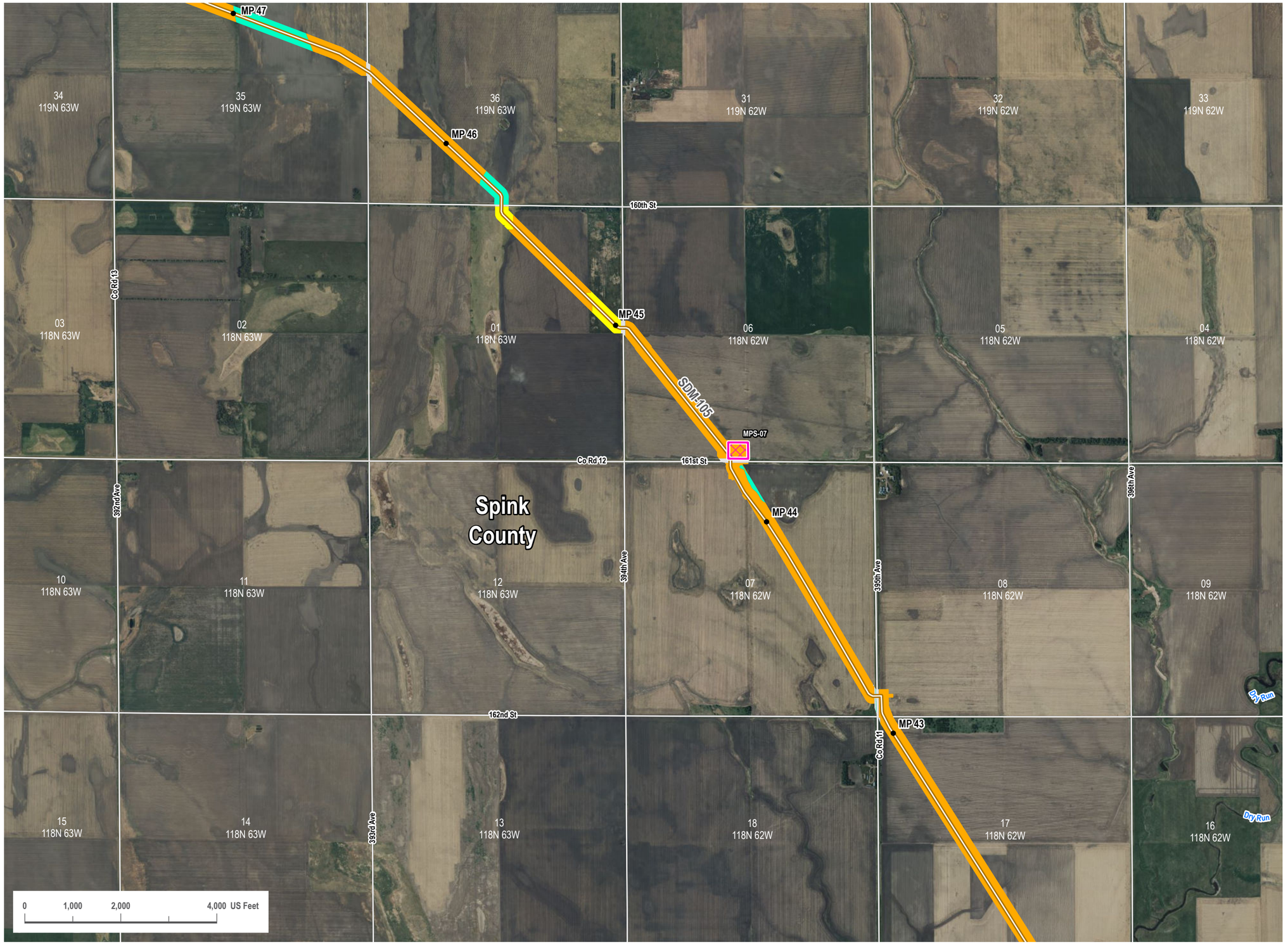
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SD PUC - LAND USE / LAND COVER MAP BOOK - SDM-105



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Pump Station
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
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Figure Title:

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SDM-105

Figure Number:

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Scale:	Projection:
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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Public Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Palustrine Emergent Wetland

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Figure Title:

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SDM-105

Figure Number:

Appendix 5C

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SD PUC - LAND USE / LAND COVER MAP BOOK - SDM-105



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Potential source for irrigated lands / Public use
- Public Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland

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Figure Number:

Appendix 5C

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SD PUC - LAND USE / LAND COVER MAP BOOK - SDM-105



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Palustrine Emergent Wetland

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Figure Title:

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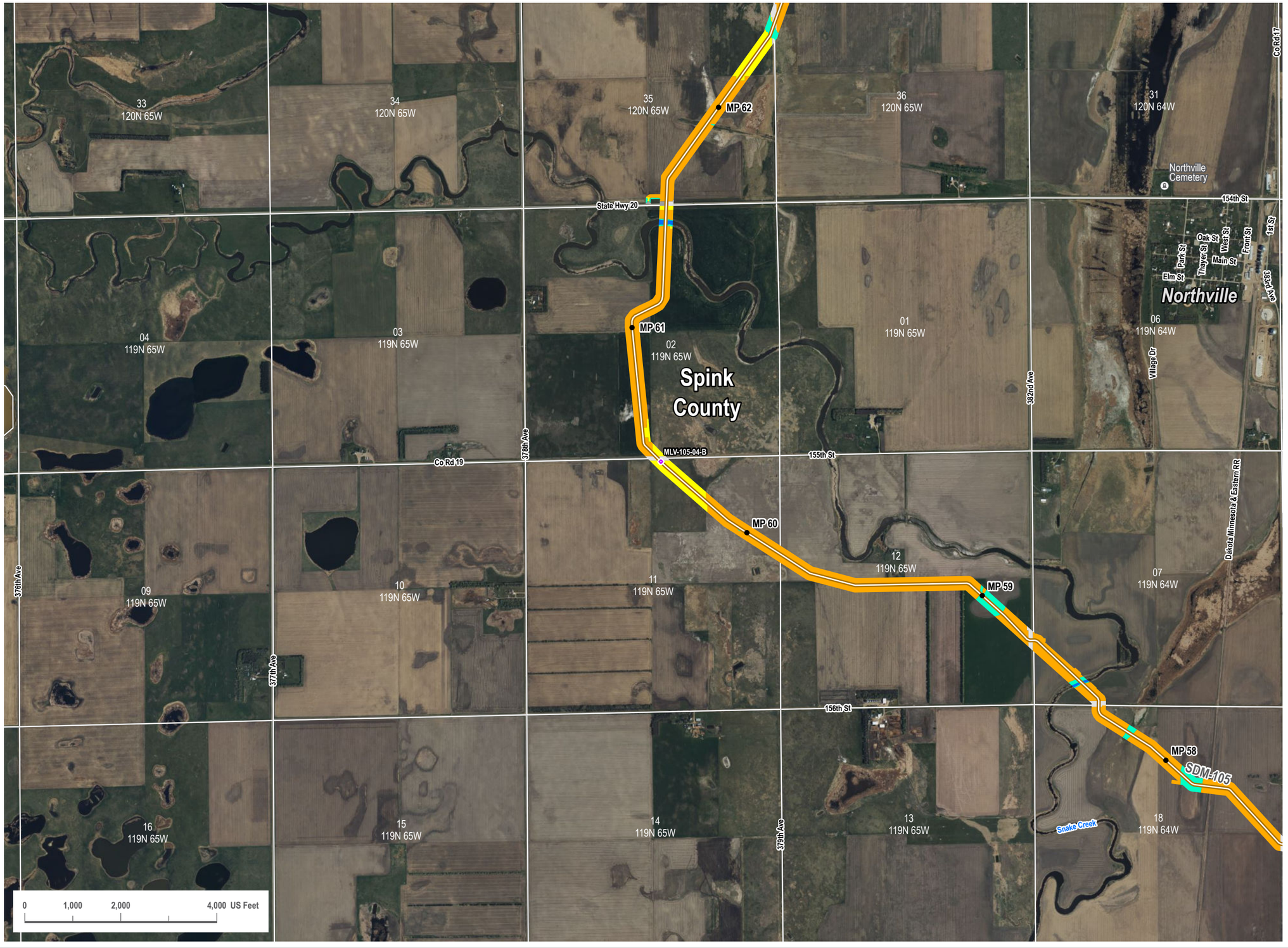
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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line
- Cemetery

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands / Public use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Palustrine Emergent Wetland

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SDM-105

Figure Number:

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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Palustrine Emergent Wetland

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Figure Number:

Appendix 5C

Scale:	Projection:
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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line
- County Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Public, commercial, and institutional use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland

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Figure Title:

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Figure Number:

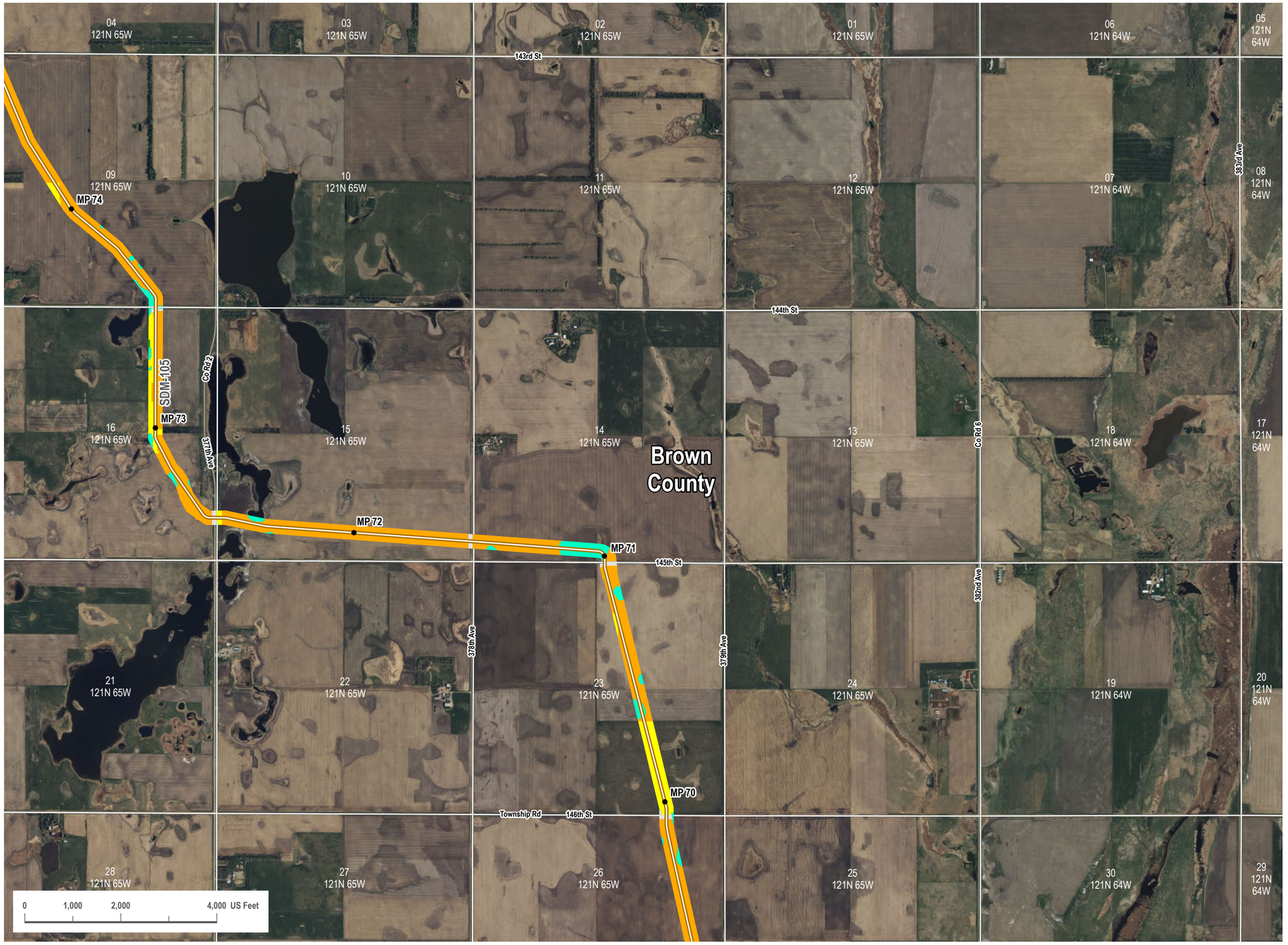
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SD PUC - LAND USE / LAND COVER MAP BOOK - SDM-105



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland

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SDM-105

Figure Number:

Appendix 5C

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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line
- County Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Palustrine Emergent Wetland

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Figure Number:

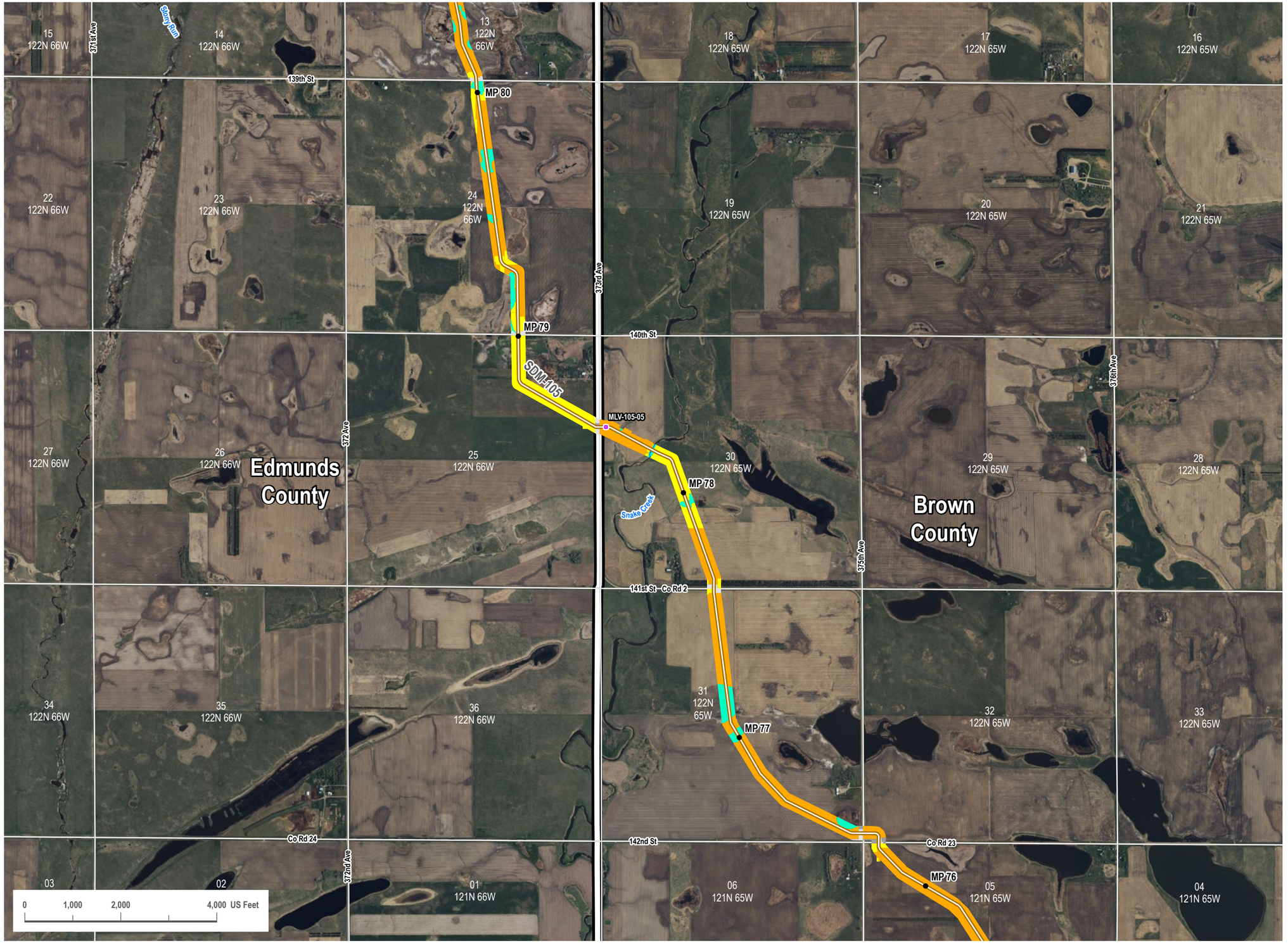
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SD PUC - LAND USE / LAND COVER MAP BOOK - SDM-105



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line
- County Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands / Public use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Palustrine Emergent Wetland
- Palustrine Scrub-Shrub Wetland

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Figure Title:

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SDM-105

Figure Number:

Appendix 5C

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SD PUC - LAND USE / LAND COVER MAP BOOK - SDM-105/SDT-210



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line
- County Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Potential source for irrigated lands / Public use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland

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SDM-105/SDT-210

Figure Number:

Appendix 5C

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SD PUC - LAND USE / LAND COVER MAP BOOK - SDM-105/SDT-210



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Pump Station
- Section Line
- County Line

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
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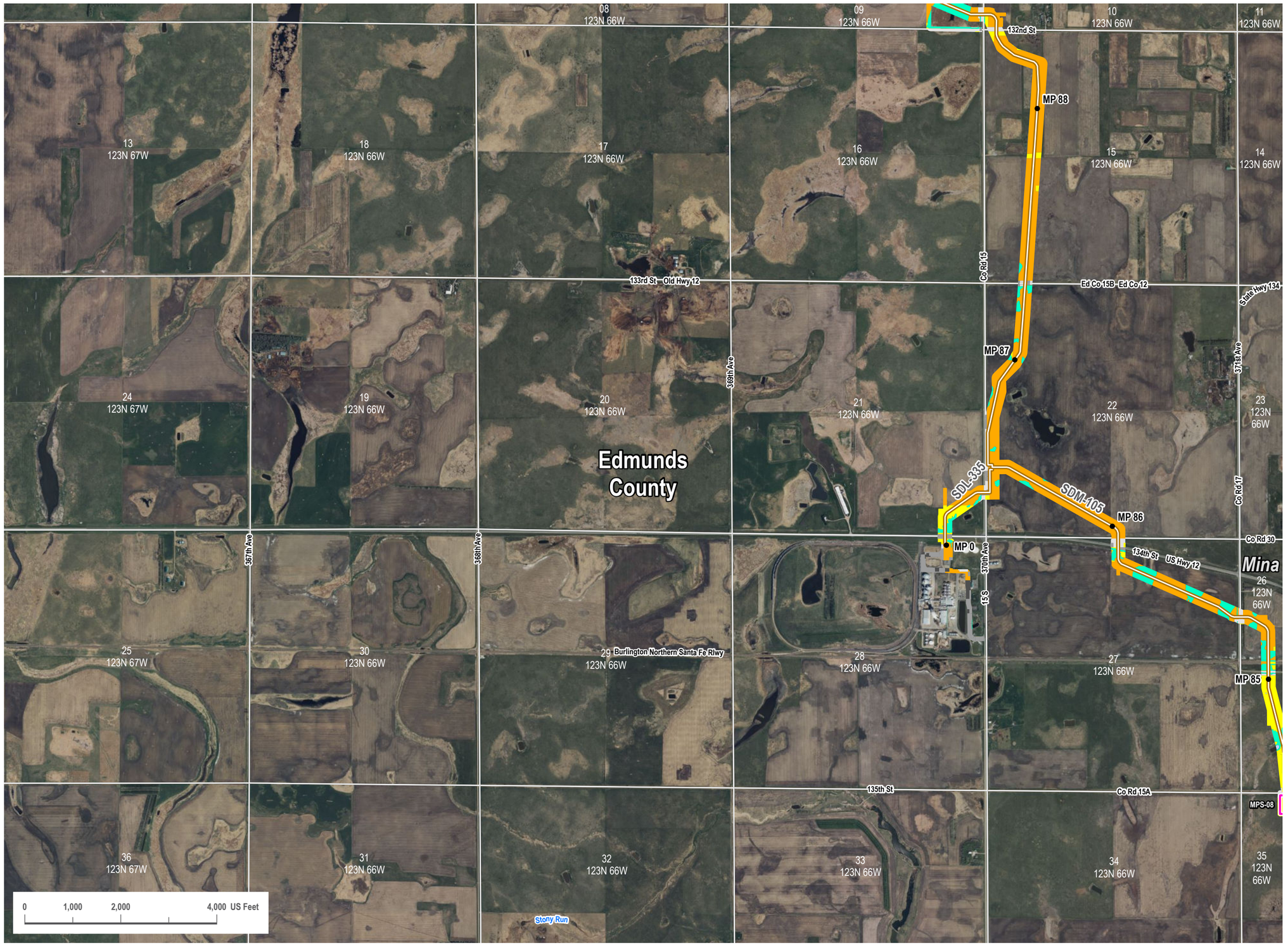
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SD PUC - LAND USE / LAND COVER MAP BOOK - SDM-105/SDL-335



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Pump Station
- Section Line

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Public, commercial, and institutional use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
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- Undisturbed native grasslands
- Palustrine Emergent Wetland

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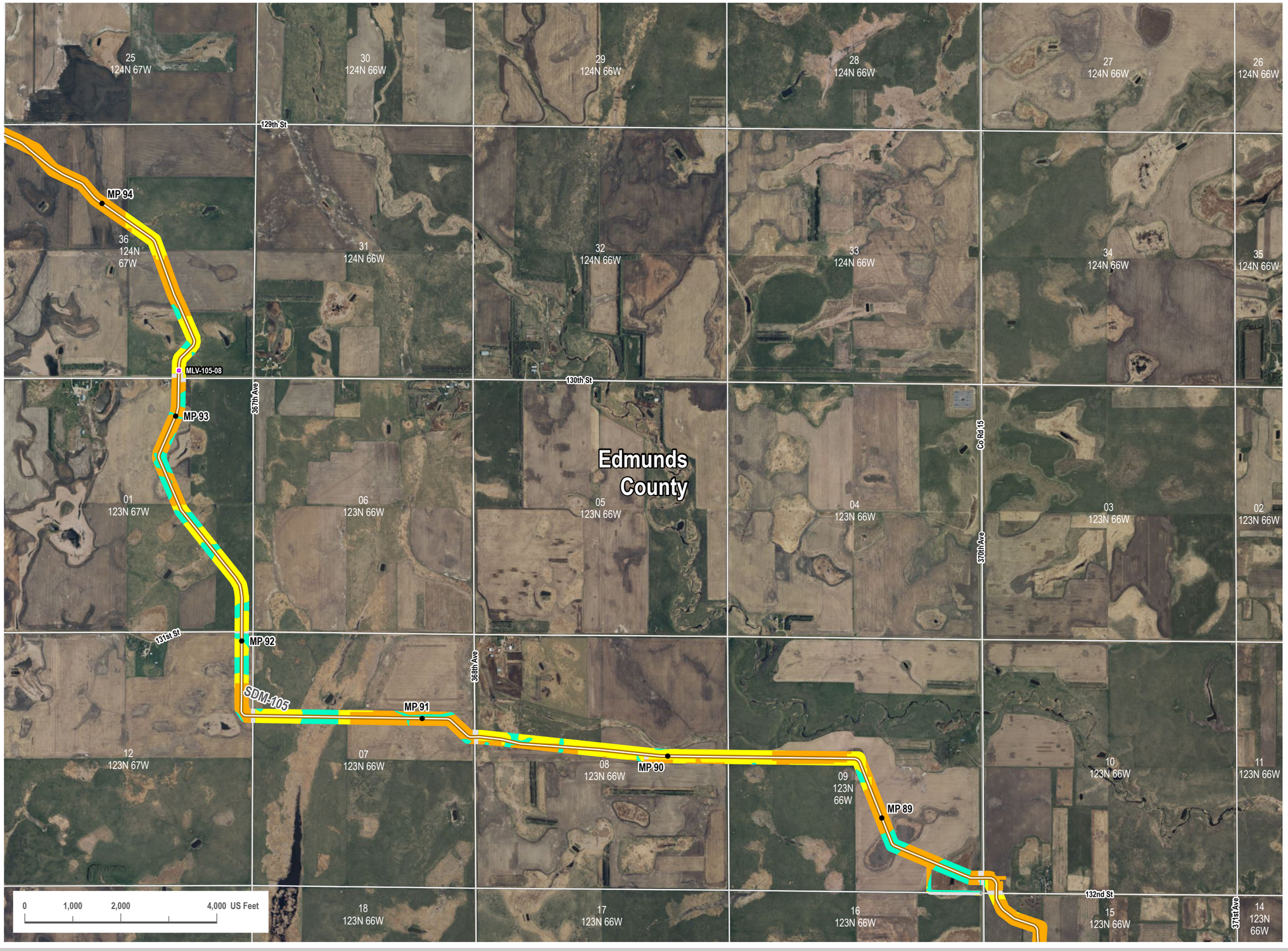
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SD PUC - LAND USE / LAND COVER MAP BOOK - SDM-105



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland

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SUMMIT CARBON SOLUTIONS

MIDWEST CARBON EXPRESS PROJECT

Figure Title:

SD PUC - Land Use / Land Cover Map Book
SDM-105

Figure Number:

Appendix 5C

Scale:	Projection:
1 : 24,000 1 inch equals 2,000 feet	Transverse Mercator NAD 1983 UTM Zone 14N

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SD PUC - LAND USE / LAND COVER MAP BOOK - SDM-105



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Palustrine Emergent Wetland
- Palustrine Scrub-Shrub Wetland

N

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Date:	Revised by:	Checked by:
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Figure Number:

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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line
- County Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Palustrine Emergent Wetland

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SDM-105

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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line
- County Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Palustrine Emergent Wetland

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MIDWEST CARBON EXPRESS PROJECT

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SDM-105

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SD PUC - LAND USE / LAND COVER MAP BOOK - SDM-105



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland

N

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MIDWEST CARBON EXPRESS PROJECT

Figure Title:
SD PUC - Land Use / Land Cover Map Book
SDM-105

Figure Number:
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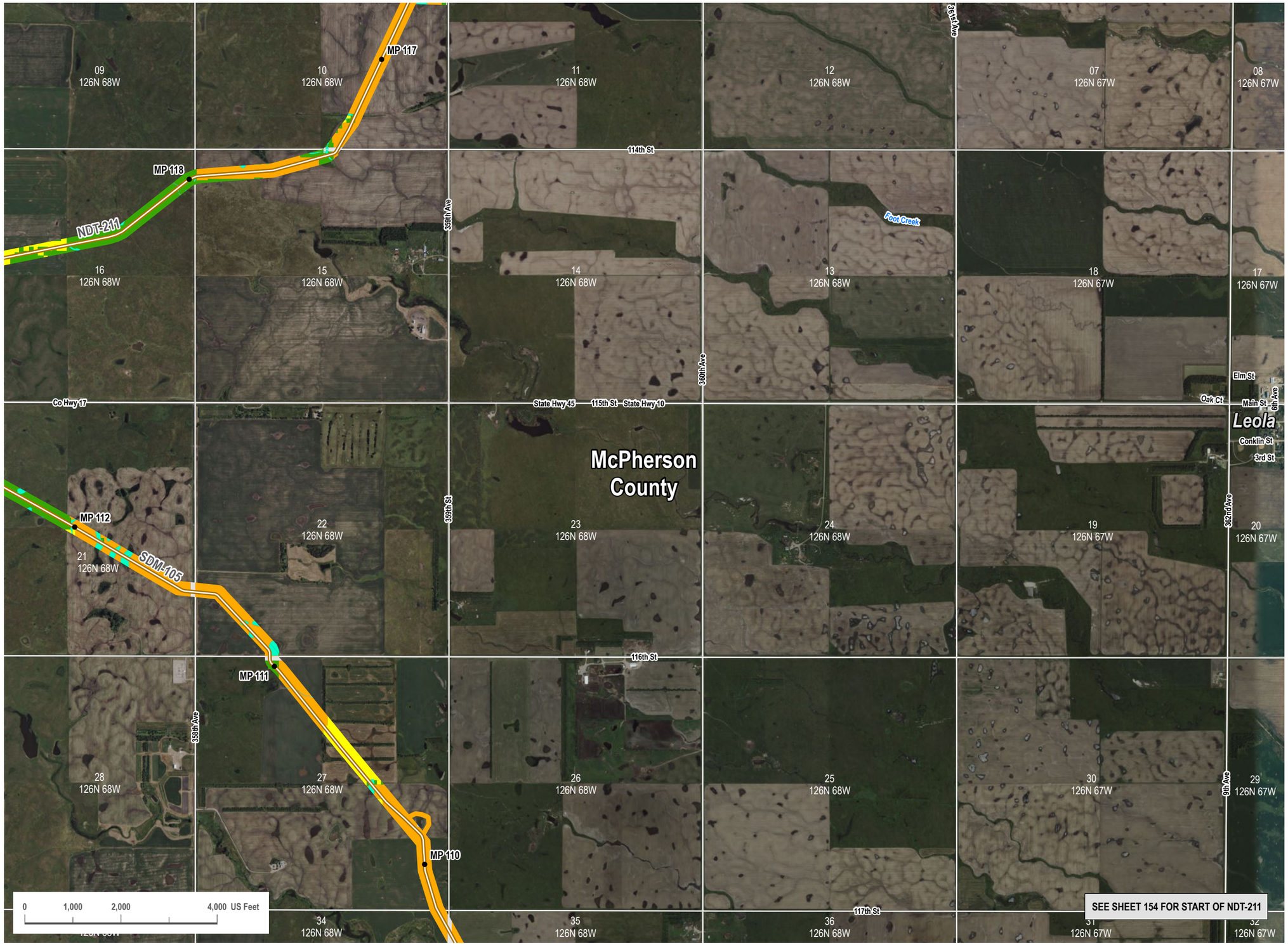
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Projection: Transverse Mercator
NAD 1983 UTM Zone 14N

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Revision 0

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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland

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MIDWEST CARBON EXPRESS PROJECT

Figure Title:

SD PUC - Land Use / Land Cover Map Book
SDM-105/NDT-211

Figure Number:

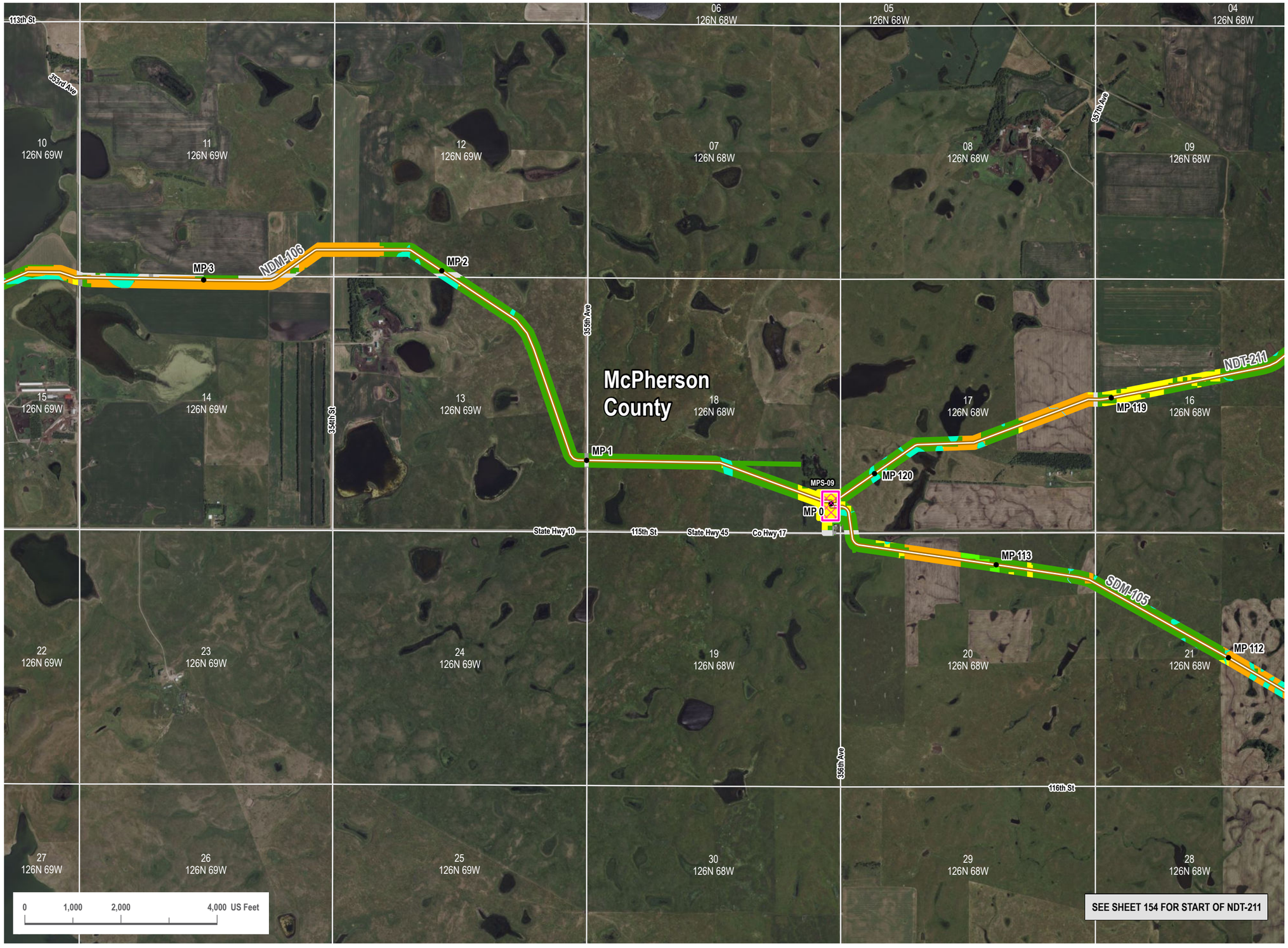
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SD PUC - LAND USE / LAND COVER MAP BOOK - SDM-105/NDM-106/NDT-211



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Pump Station
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Public Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland

N

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SDM-105/NDM-106/NDT-211

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Appendix 5C

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SD PUC - LAND USE / LAND COVER MAP BOOK - NDM-106



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line
- Cemetery

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Public Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
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Figure Title:

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NDM-106

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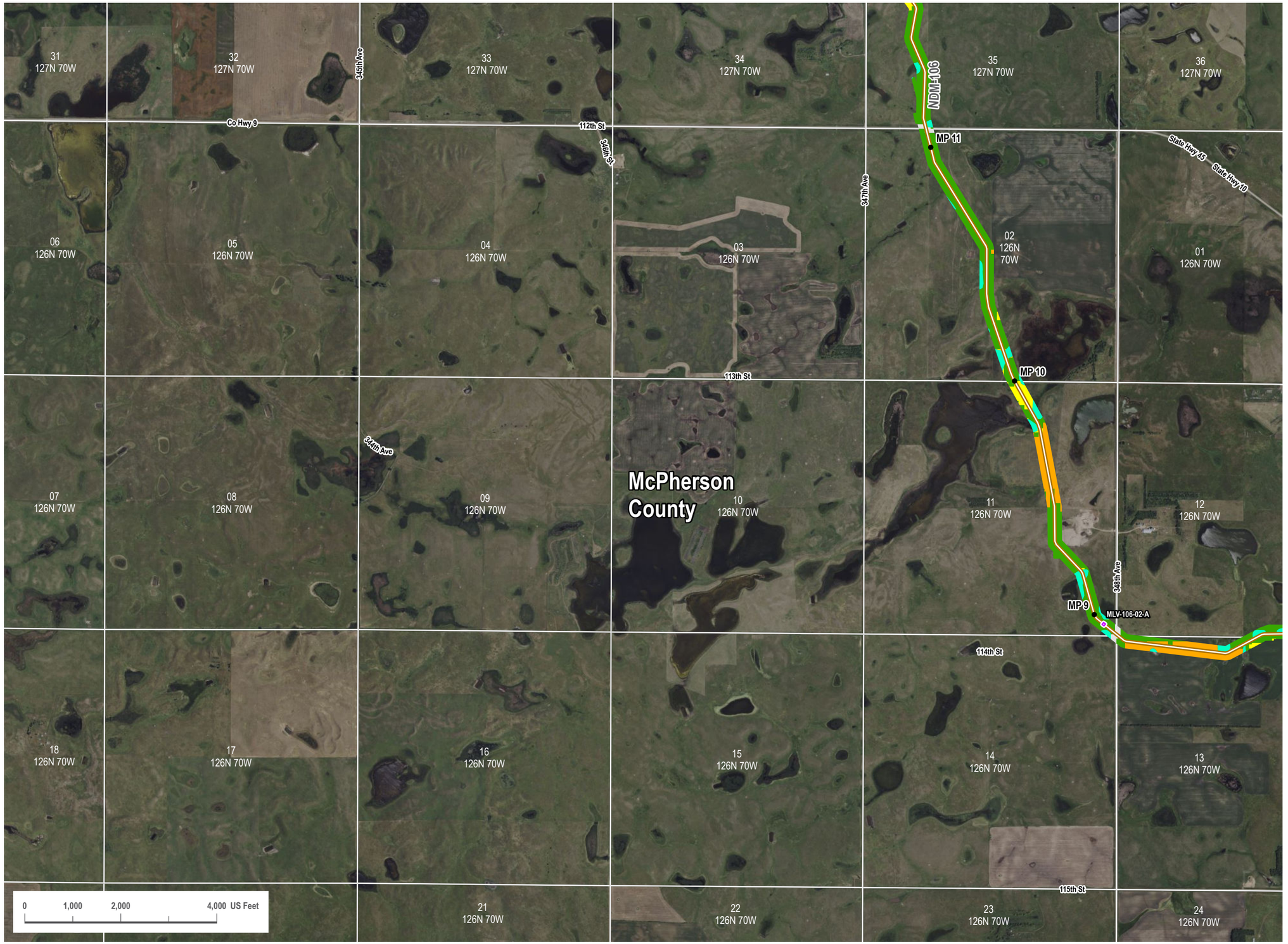
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SD PUC - LAND USE / LAND COVER MAP BOOK - NDM-106



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
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Figure Title:

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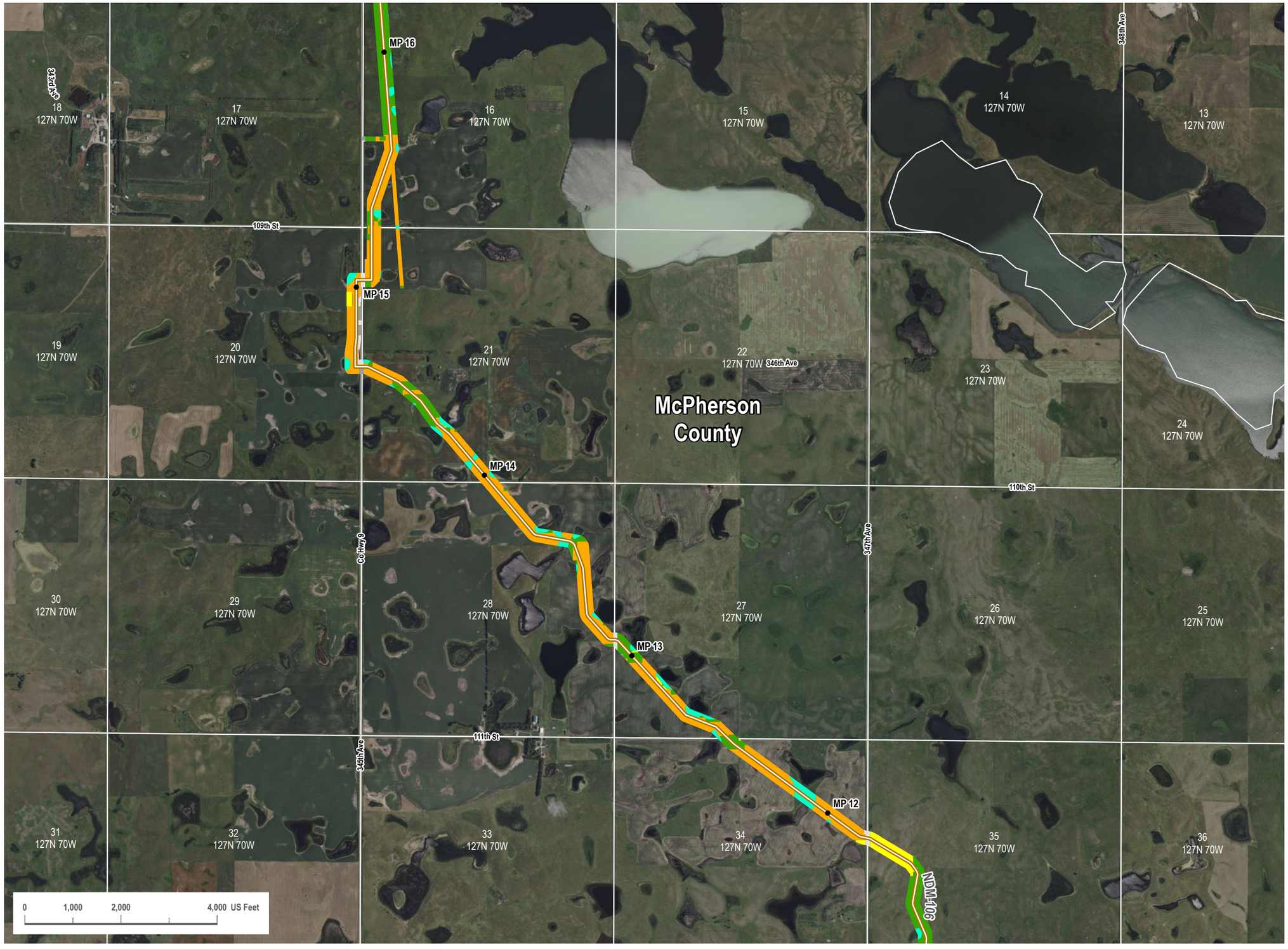
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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
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MIDWEST CARBON EXPRESS PROJECT

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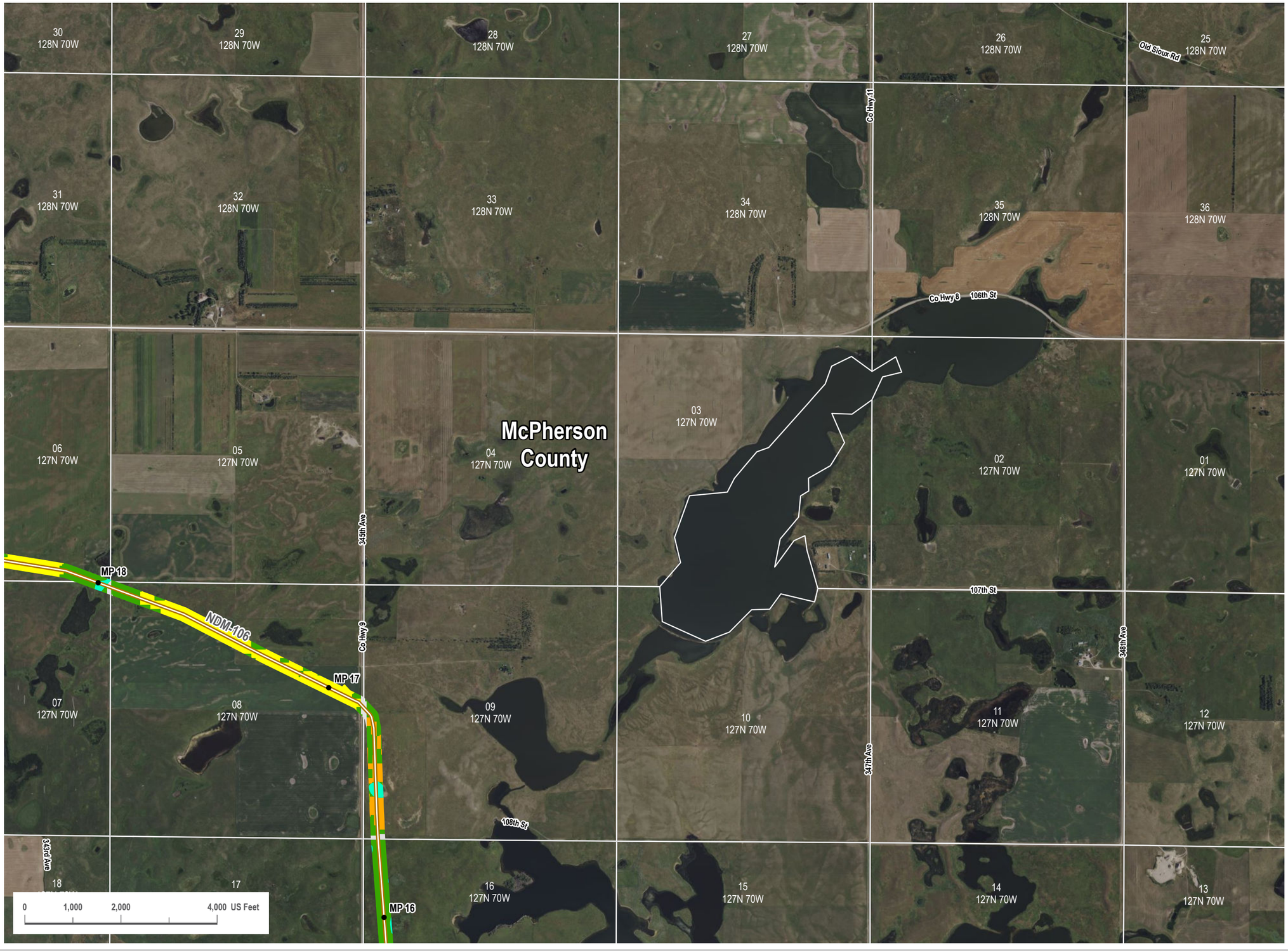
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SD PUC - LAND USE / LAND COVER MAP BOOK - NDM-106



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line

Land Use (ARSD 20:10:22:18)

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SD PUC - LAND USE / LAND COVER MAP BOOK - NDM-106



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Public Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
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MIDWEST CARBON EXPRESS PROJECT

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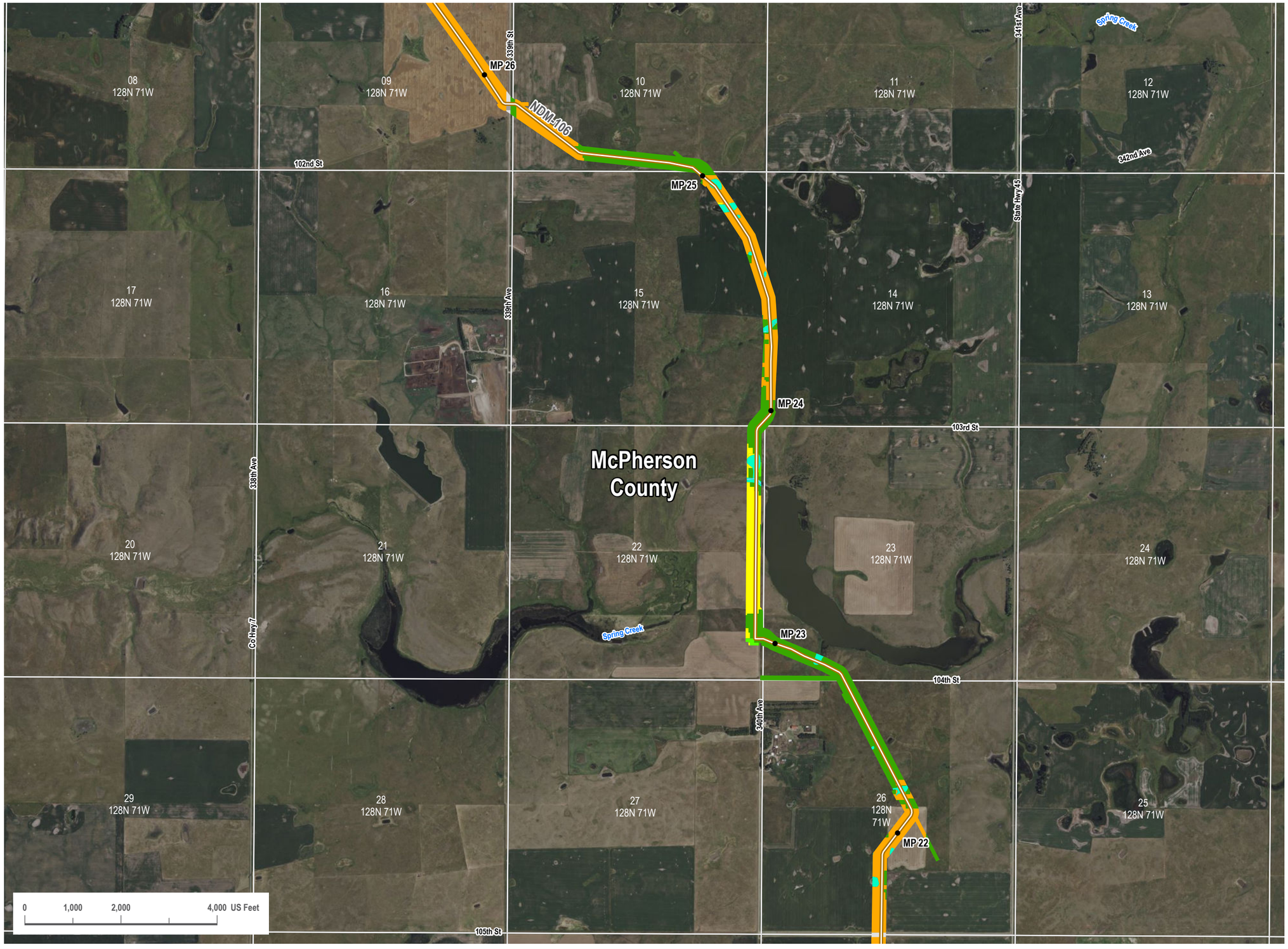
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SD PUC - LAND USE / LAND COVER MAP BOOK - NDM-106



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Public Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line
- State Line
- County Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
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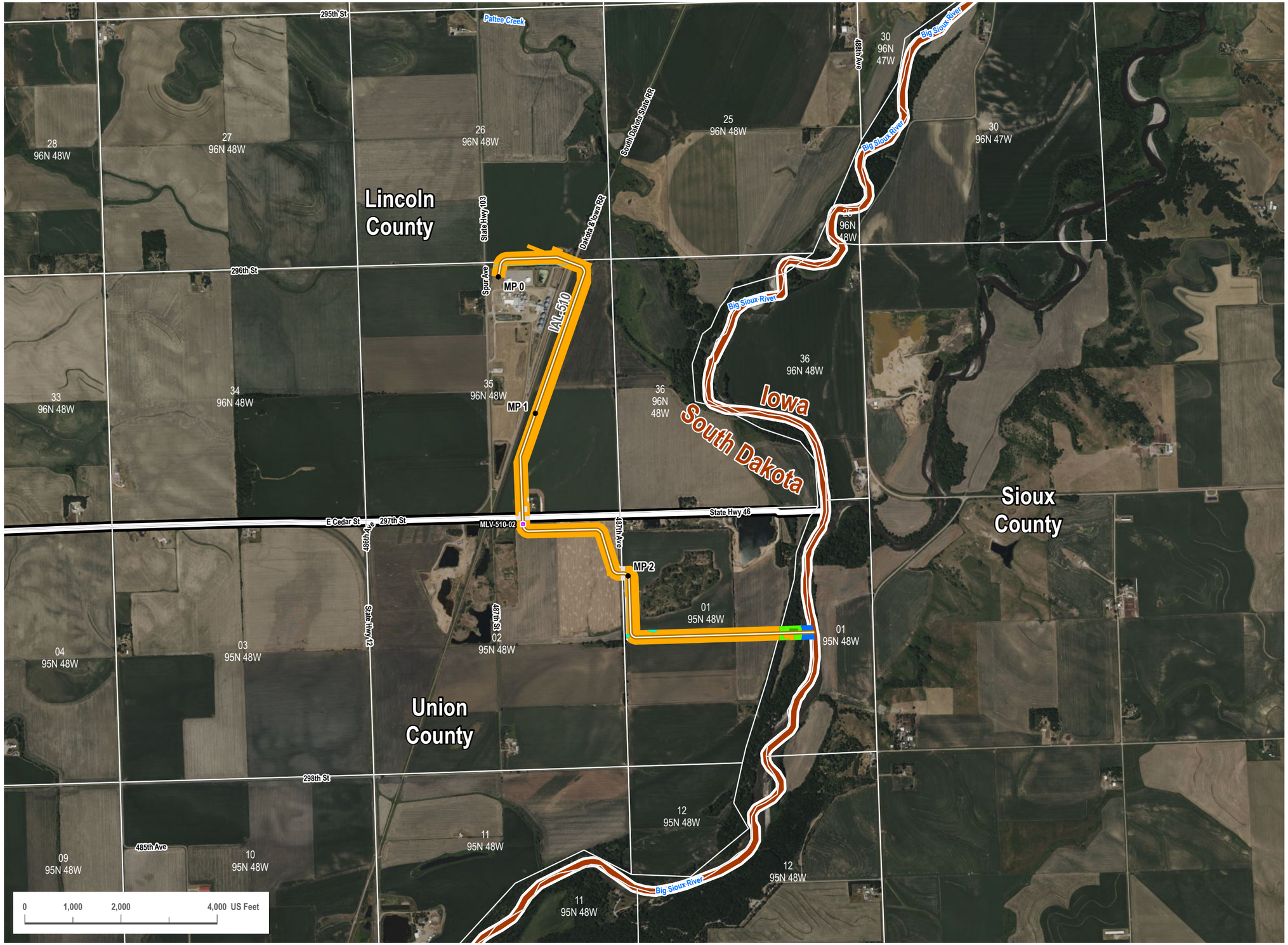
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SD PUC - LAND USE / LAND COVER MAP BOOK - IAL-510



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line
- State Line
- County Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Potential source for irrigated lands
- Potential source for irrigated lands / Public use
- Public Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
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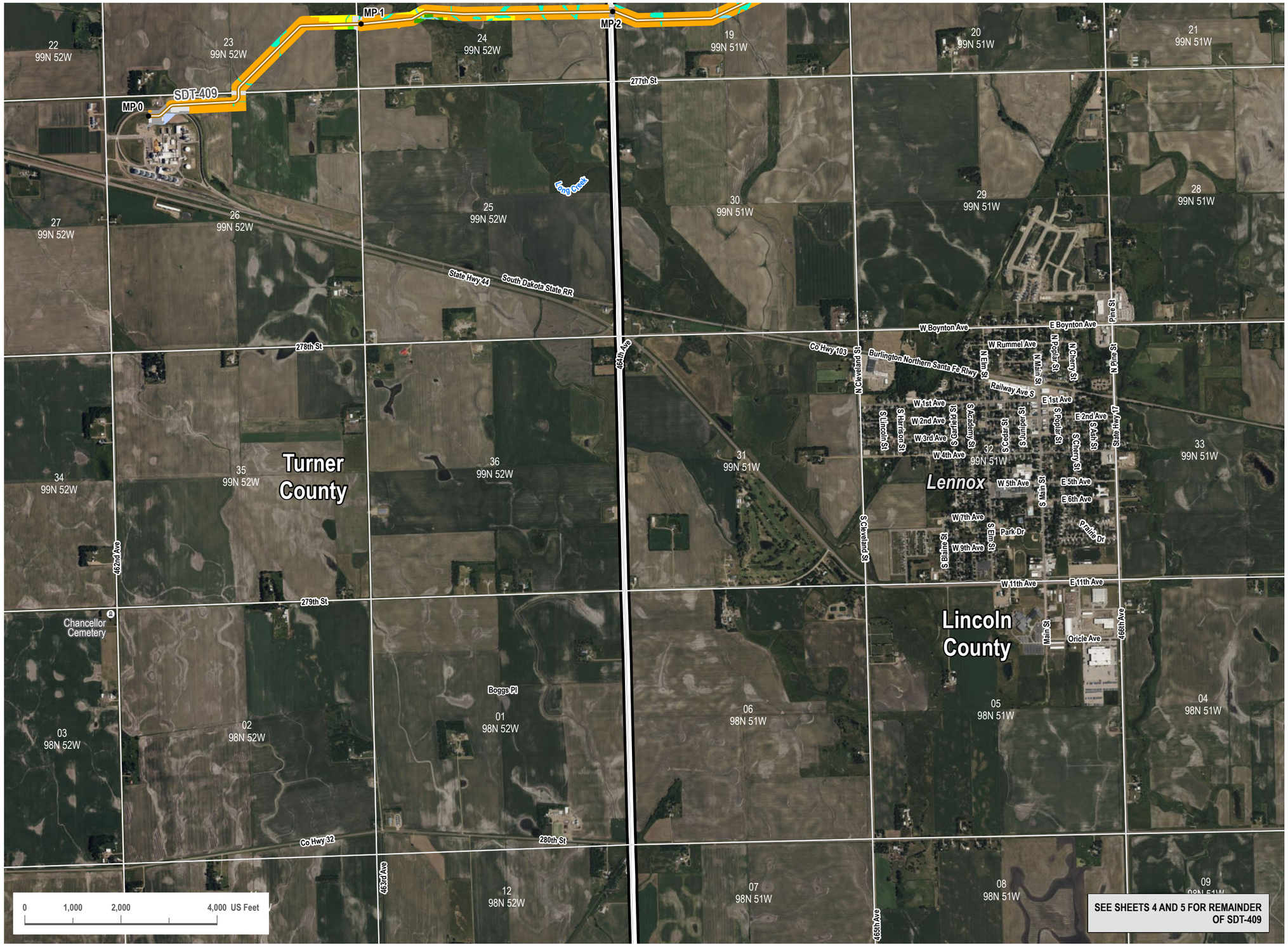
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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line
- County Line
- Cemetery

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Public Use
- Public, commercial, and institutional use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland
- Palustrine Forested Wetland

N

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MIDWEST CARBON EXPRESS PROJECT

Figure Title:
SD PUC - Land Use / Land Cover Map Book
SDT-409

Figure Number:
Appendix 5C

Scale:	Projection:
1 : 24,000 1 inch equals 2,000 feet	Transverse Mercator NAD 1983 UTM Zone 14N

Sheet:	Drawing Number:
71 71 of 159	1001-06-034 Revision 0

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SD PUC - LAND USE / LAND COVER MAP BOOK - SDT-212



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line
- Cemetery

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Potential source for irrigated lands / Public use
- Public, commercial, and institutional use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
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MIDWEST CARBON EXPRESS PROJECT

Figure Title:

SD PUC - Land Use / Land Cover Map Book
SDT-212

Figure Number:

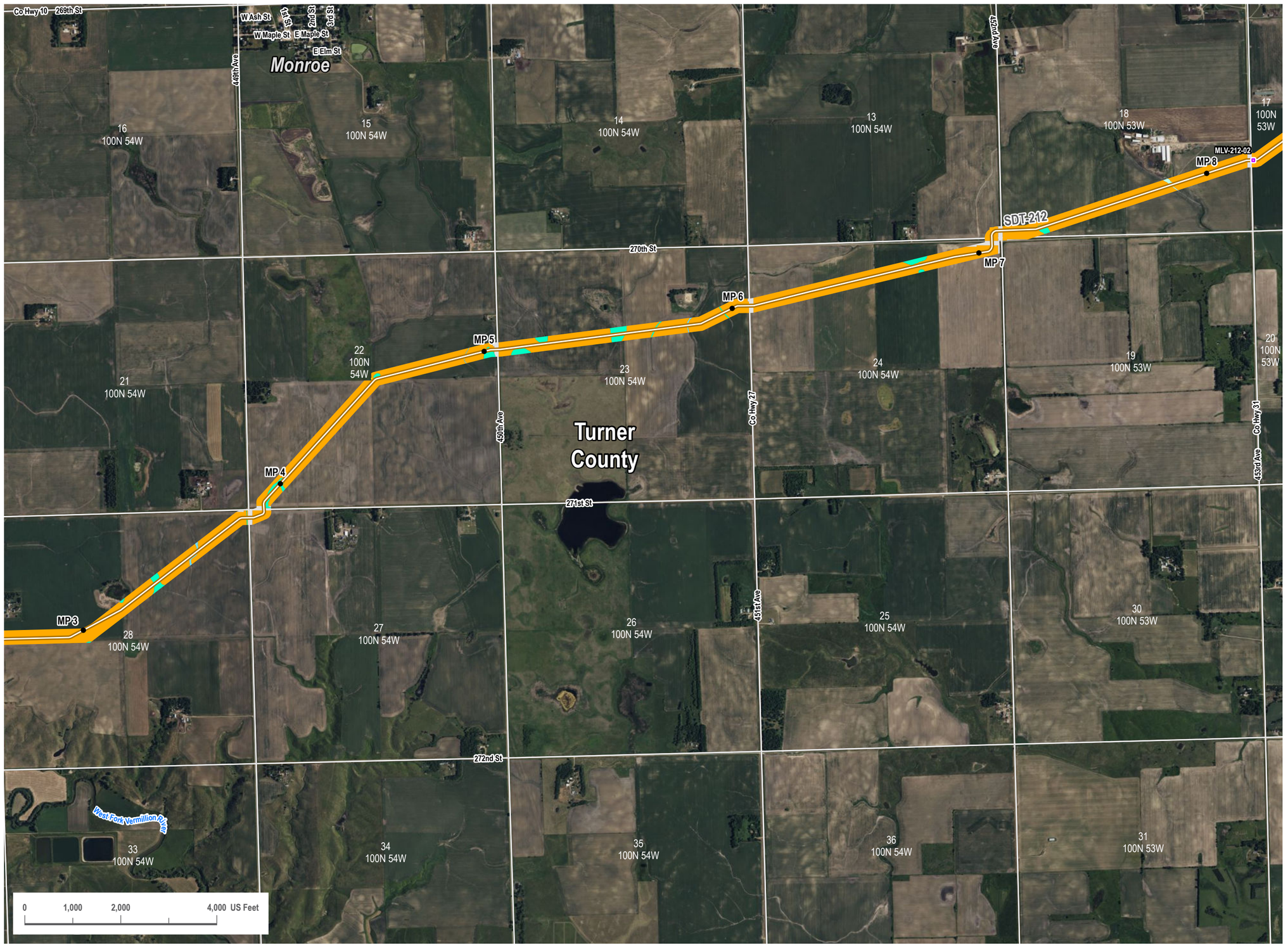
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SD PUC - LAND USE / LAND COVER MAP BOOK - SDT-212



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Palustrine Emergent Wetland
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Figure Title:

SD PUC - Land Use / Land Cover Map Book
SDT-212

Figure Number:

Appendix 5C

Scale:	Projection:
1 : 24,000 1 inch equals 2,000 feet	Transverse Mercator NAD 1983 UTM Zone 14N

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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line
- County Line
- Cemetery

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Potential source for irrigated lands / Public use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
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MIDWEST CARBON EXPRESS PROJECT

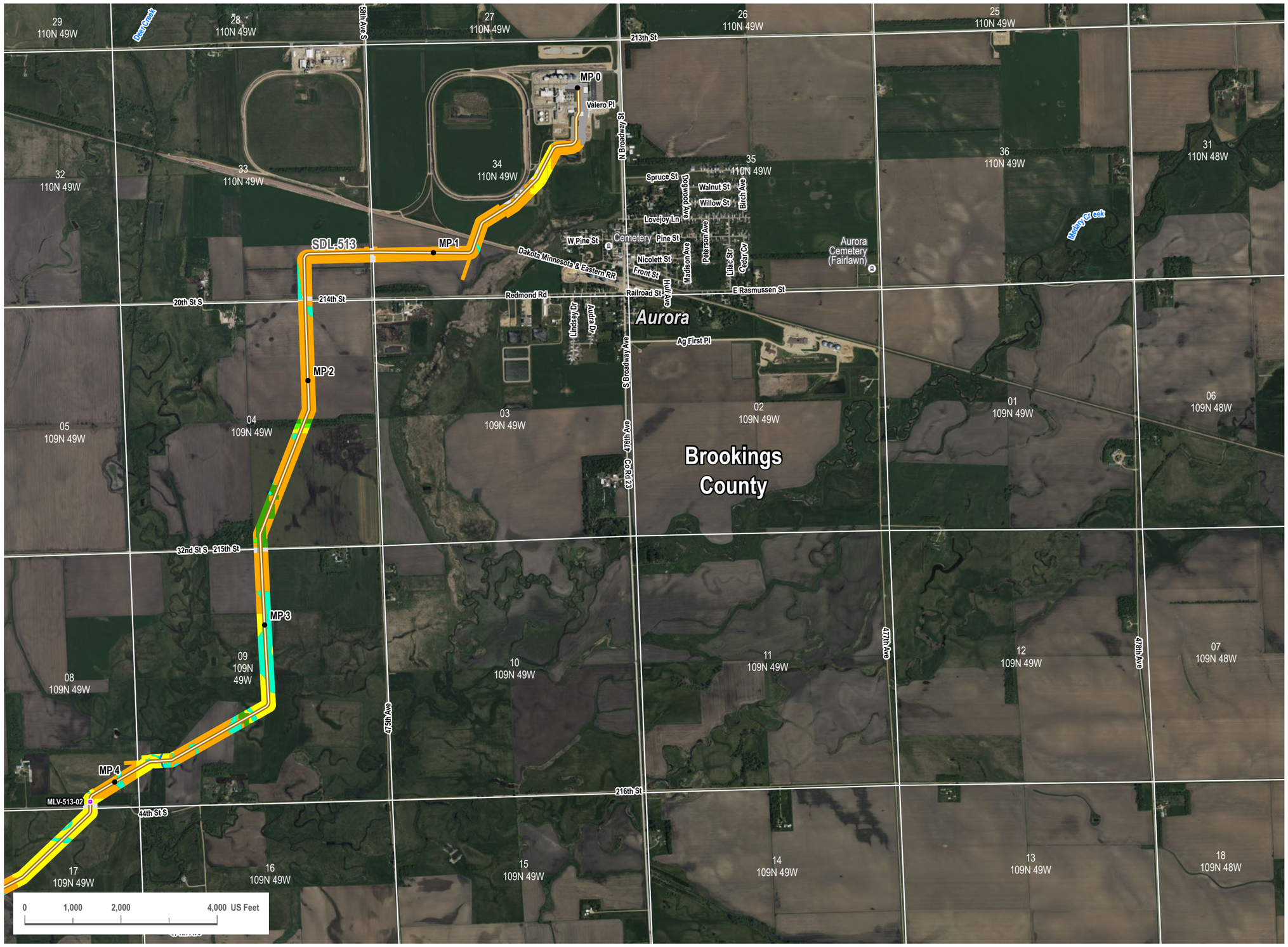
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SD PUC - Land Use / Land Cover Map Book
SDT-212

Figure Number:
Appendix 5C

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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line
- Cemetery

Land Use (ARSD 20:10:22:18)

- Existing and potential extractive nonrenewable resources
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands / Public use
- Public Use
- Public, commercial, and institutional use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
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MIDWEST CARBON EXPRESS PROJECT

Figure Title:
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SDL-513

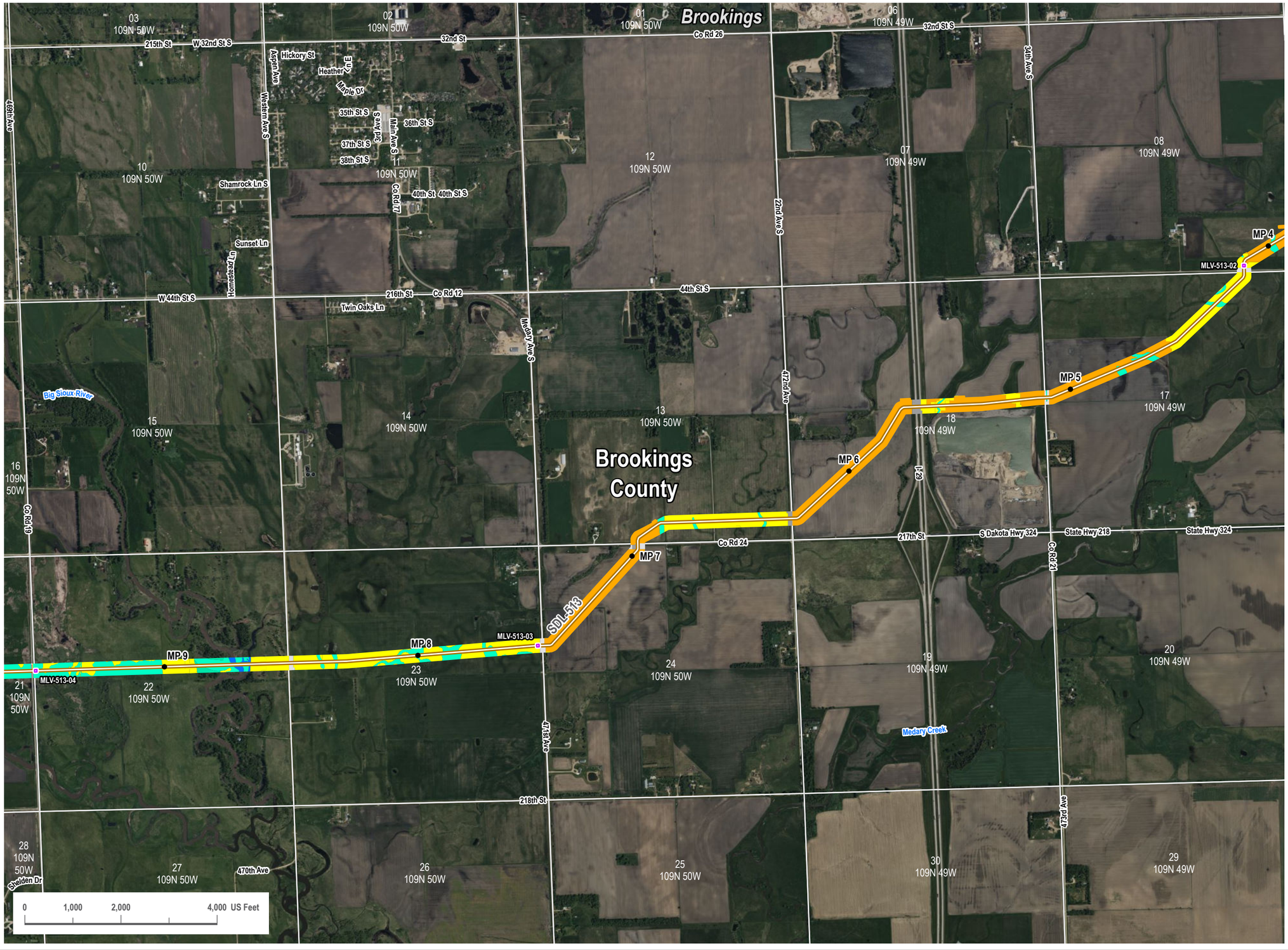
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SD PUC - LAND USE / LAND COVER MAP BOOK - SDL-513



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands / Public use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
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Figure Title:

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SDL-513

Figure Number:

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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line
- County Line
- Cemetery

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Potential source for irrigated lands / Public use
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Figure Title:

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SDL-513

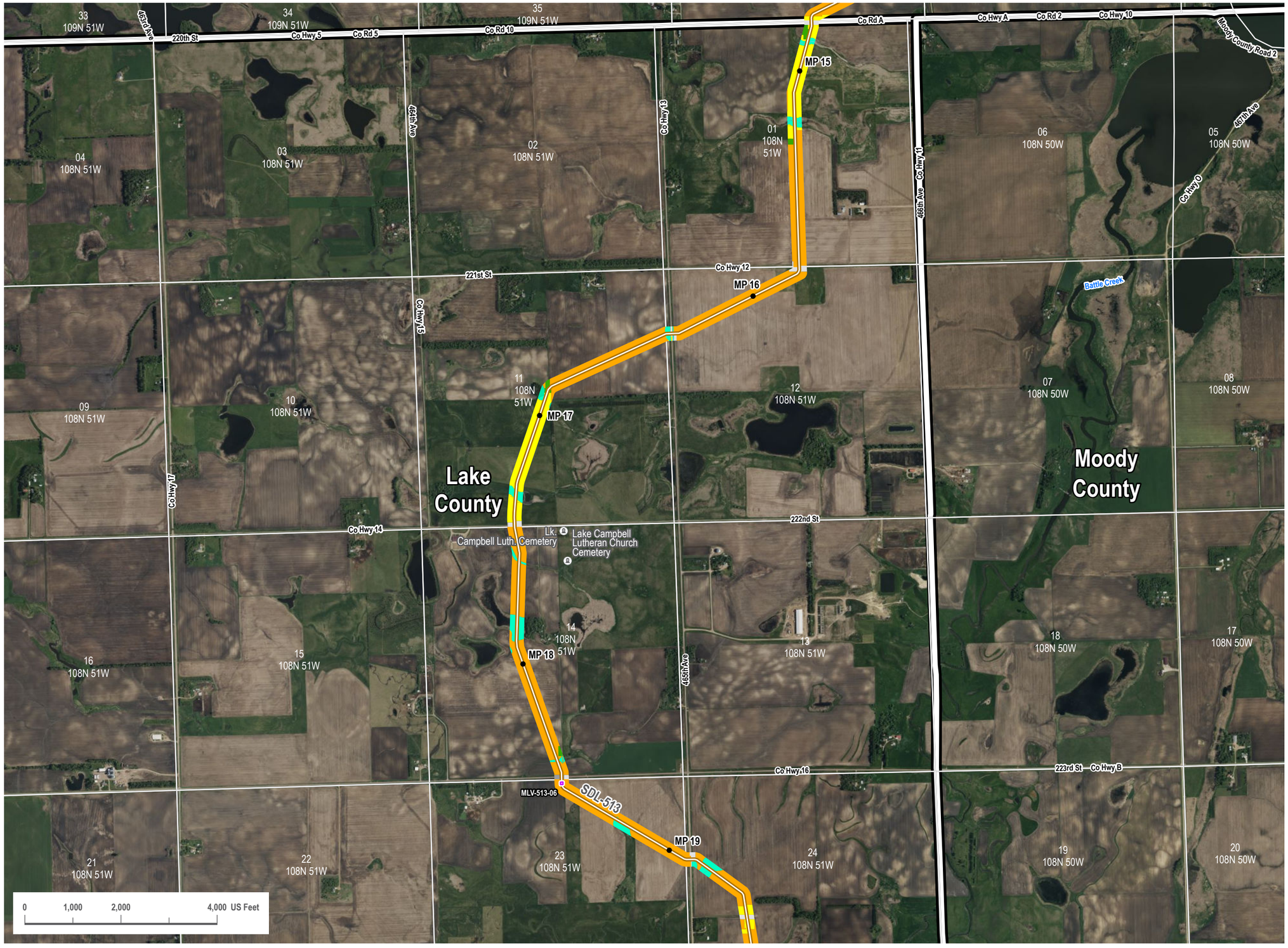
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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line
- County Line
- Cemetery

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
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SDL-513

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Scale:	Projection:
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SD PUC - LAND USE / LAND COVER MAP BOOK - SDL-513



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line
- County Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Potential source for irrigated lands / Public use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Palustrine Emergent Wetland
- Palustrine Forested Wetland
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SDL-513

Figure Number:

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Scale:	Projection:
1 : 24,000 1 inch equals 2,000 feet	Transverse Mercator NAD 1983 UTM Zone 14N

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SD PUC - LAND USE / LAND COVER MAP BOOK - SDL-513



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line
- County Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Public Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
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SDL-513

Figure Number:

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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line
- County Line

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Potential source for irrigated lands / Public use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
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SDL-513

Figure Number:

Appendix 5C

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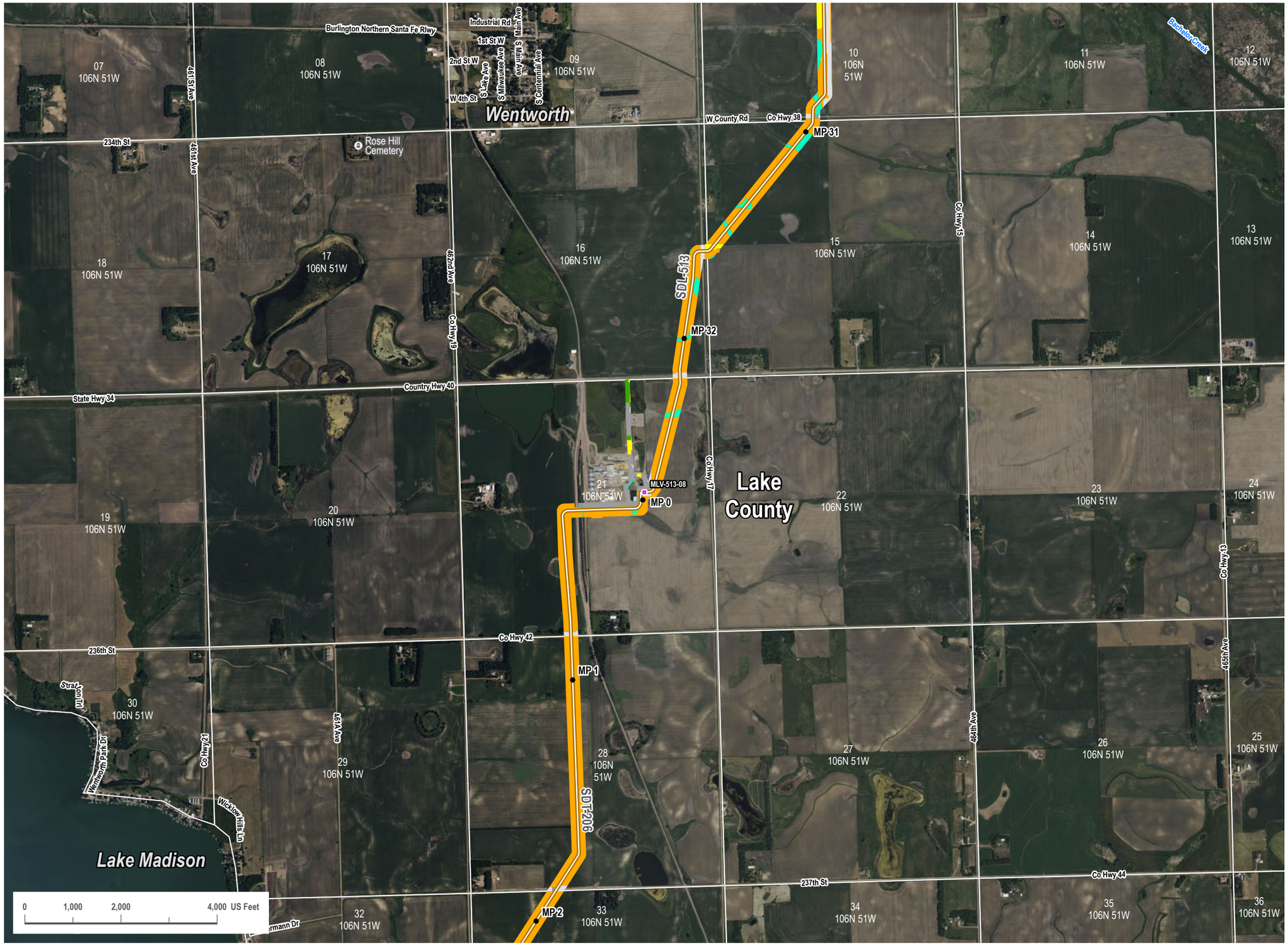
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SD PUC - LAND USE / LAND COVER MAP BOOK - SDT-206/SDL-513



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line
- Cemetery

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Public, commercial, and institutional use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland

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Figure Title:

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SDT-206/SDL-513

Figure Number:

Appendix 5C

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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
- Irrigated lands / water sources for organized rural water systems lands / Public use
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Potential source for irrigated lands / Public use
- Public Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
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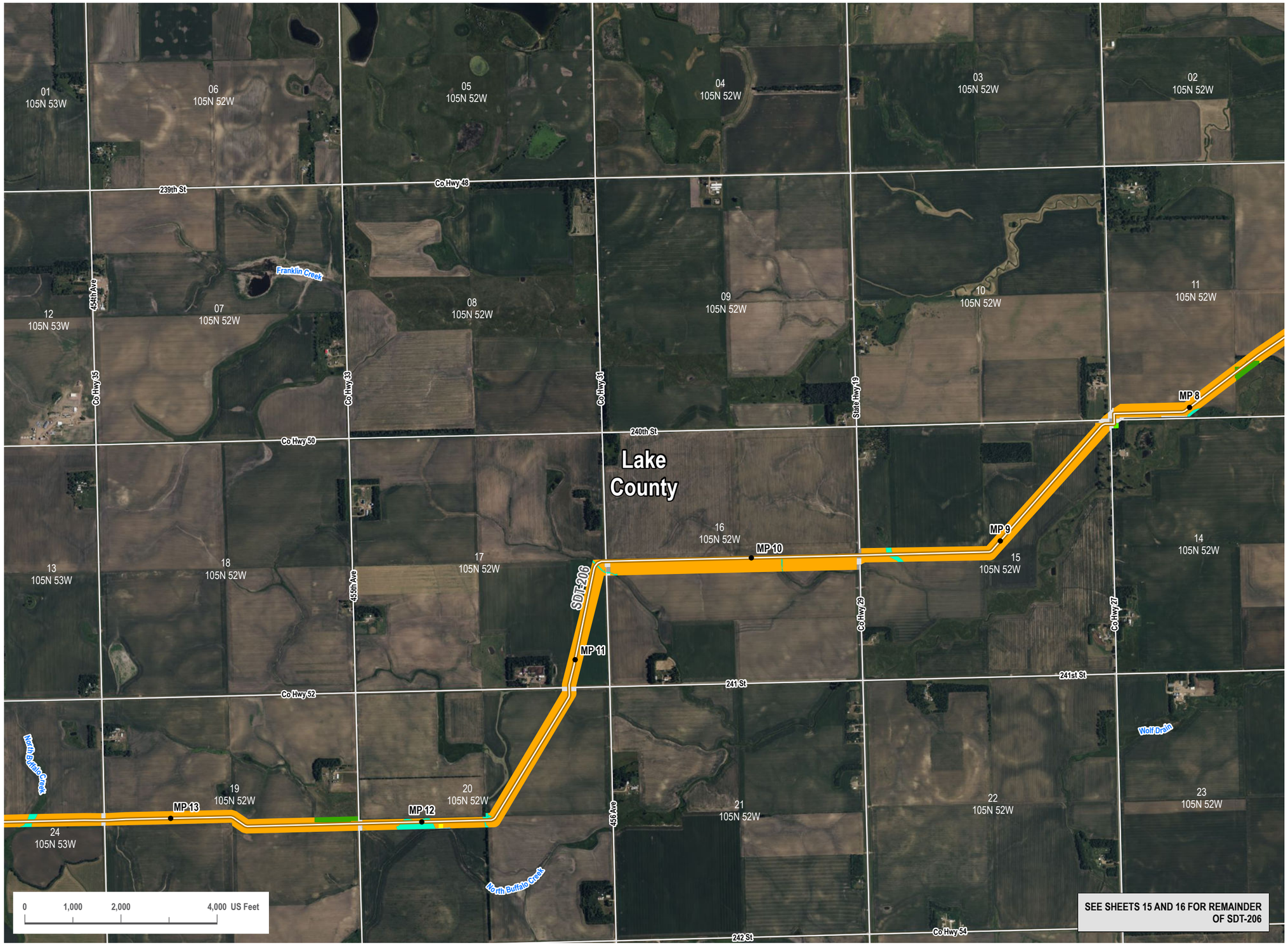
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SDT-206

Figure Number:
Appendix 5C

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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Public Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
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Figure Title:

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SDT-206

Figure Number:

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SD PUC - LAND USE / LAND COVER MAP BOOK - SDT-410



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
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- Potential source for irrigated lands / Public use
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SUMMIT CARBON SOLUTIONS

MIDWEST CARBON EXPRESS PROJECT

Figure Title:

SD PUC - Land Use / Land Cover Map Book
SDT-410

Figure Number:

Appendix 5C

Scale:	Projection:
1 : 24,000 1 inch equals 2,000 feet	Transverse Mercator NAD 1983 UTM Zone 14N

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21 105N 60W
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34 105N 60W
35 105N 60W
36 105N 60W
31 105N 59W
06 104N 60W
05 104N 60W
04 104N 60W
03 104N 60W
02 104N 60W
01 104N 60W

Sanborn County
Davison County
Upland Colony
242nd St
243rd St
244th St
Co. Hwy 23
408th Ave
410th Ave
407th Ave
409th Ave
412th Ave
Old Mills Rd
State Hwy 37
N Main St
Forest St
James River
MP 4
MP 5
MP 6
MP 7
MP 8
MLV-410-02
MLV-410-03
SDT-410

0 1,000 2,000 4,000 US Feet

VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line
- County Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
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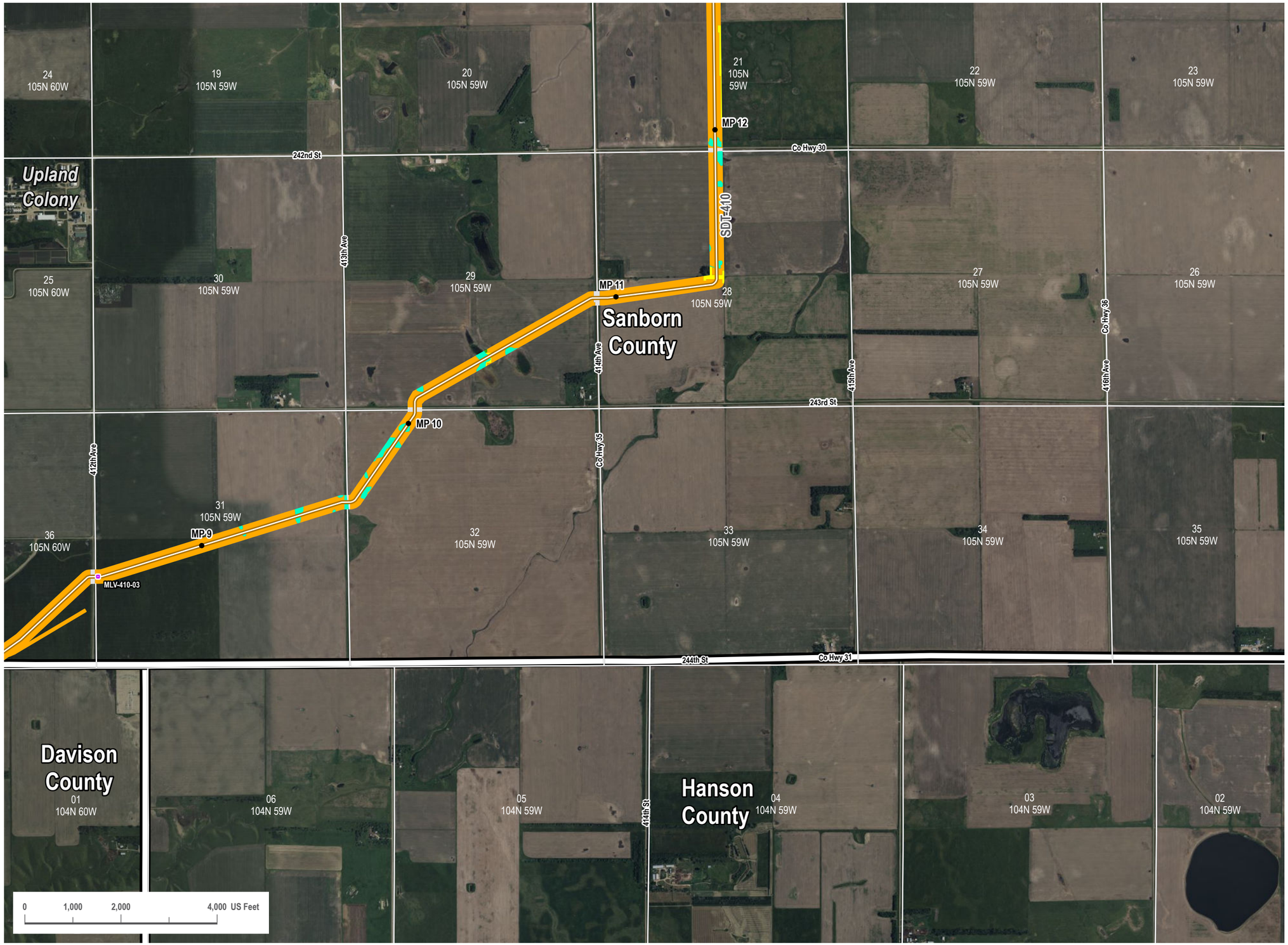
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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
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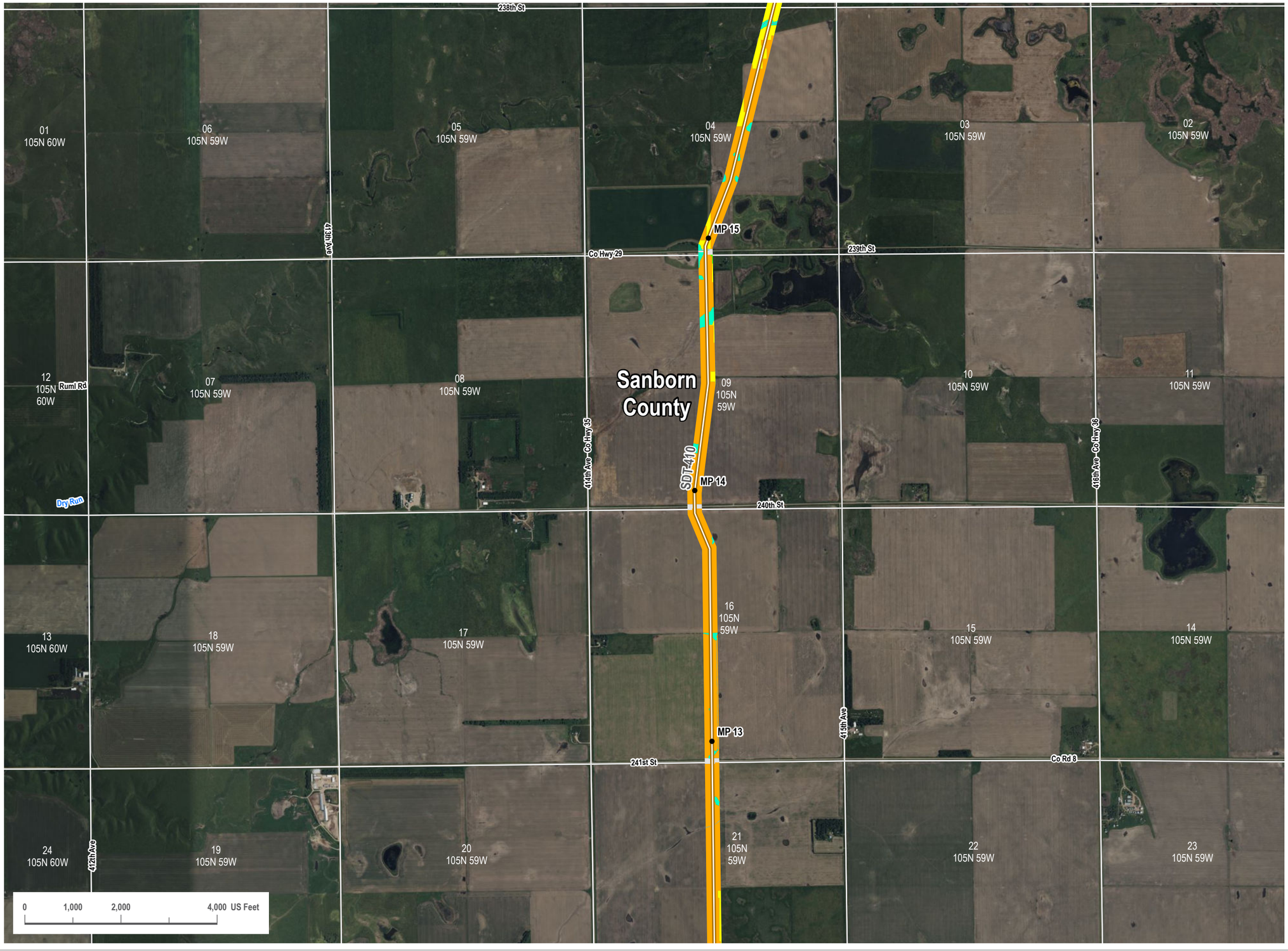
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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
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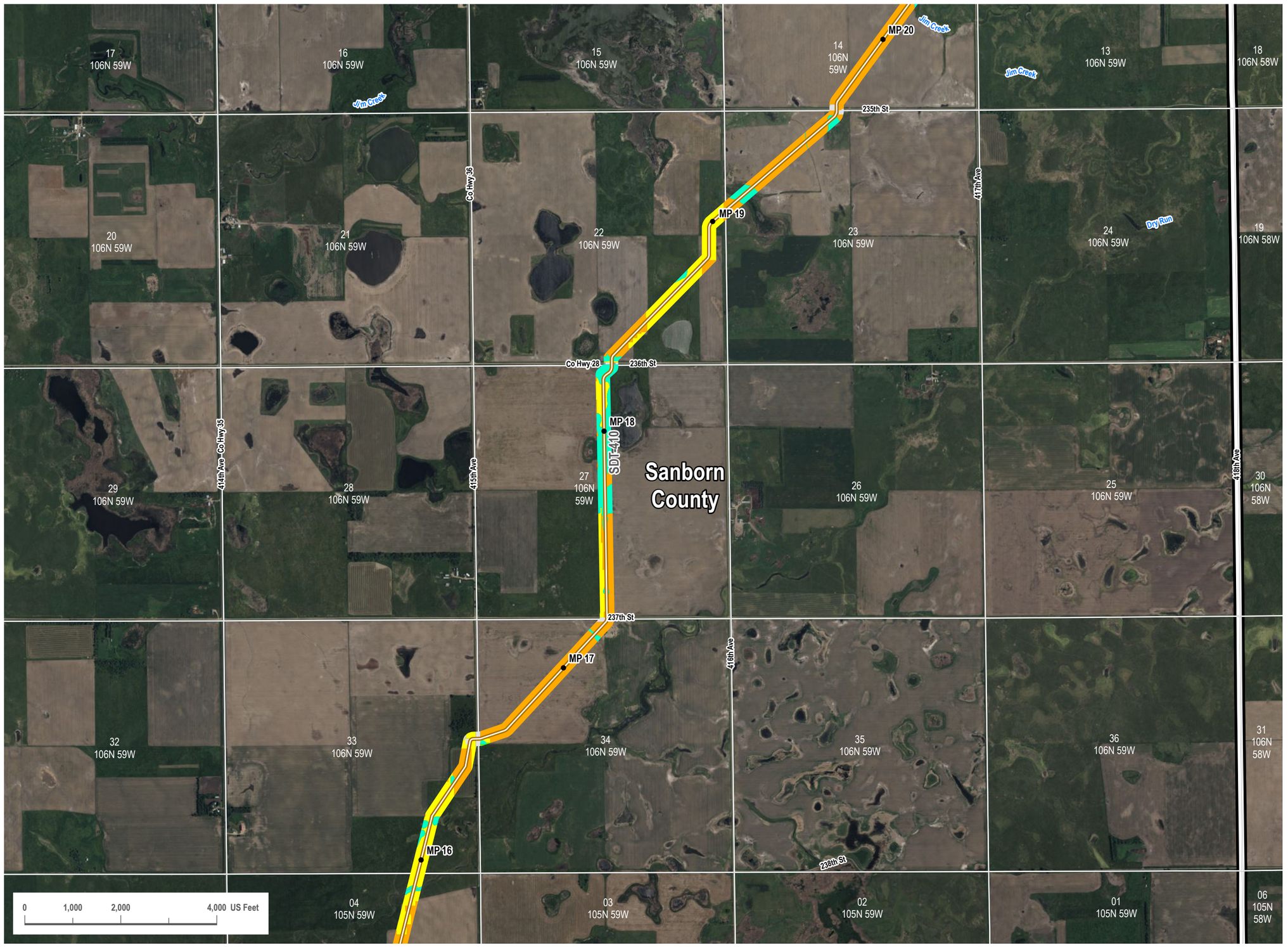
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SD PUC - LAND USE / LAND COVER MAP BOOK - SDT-410



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line
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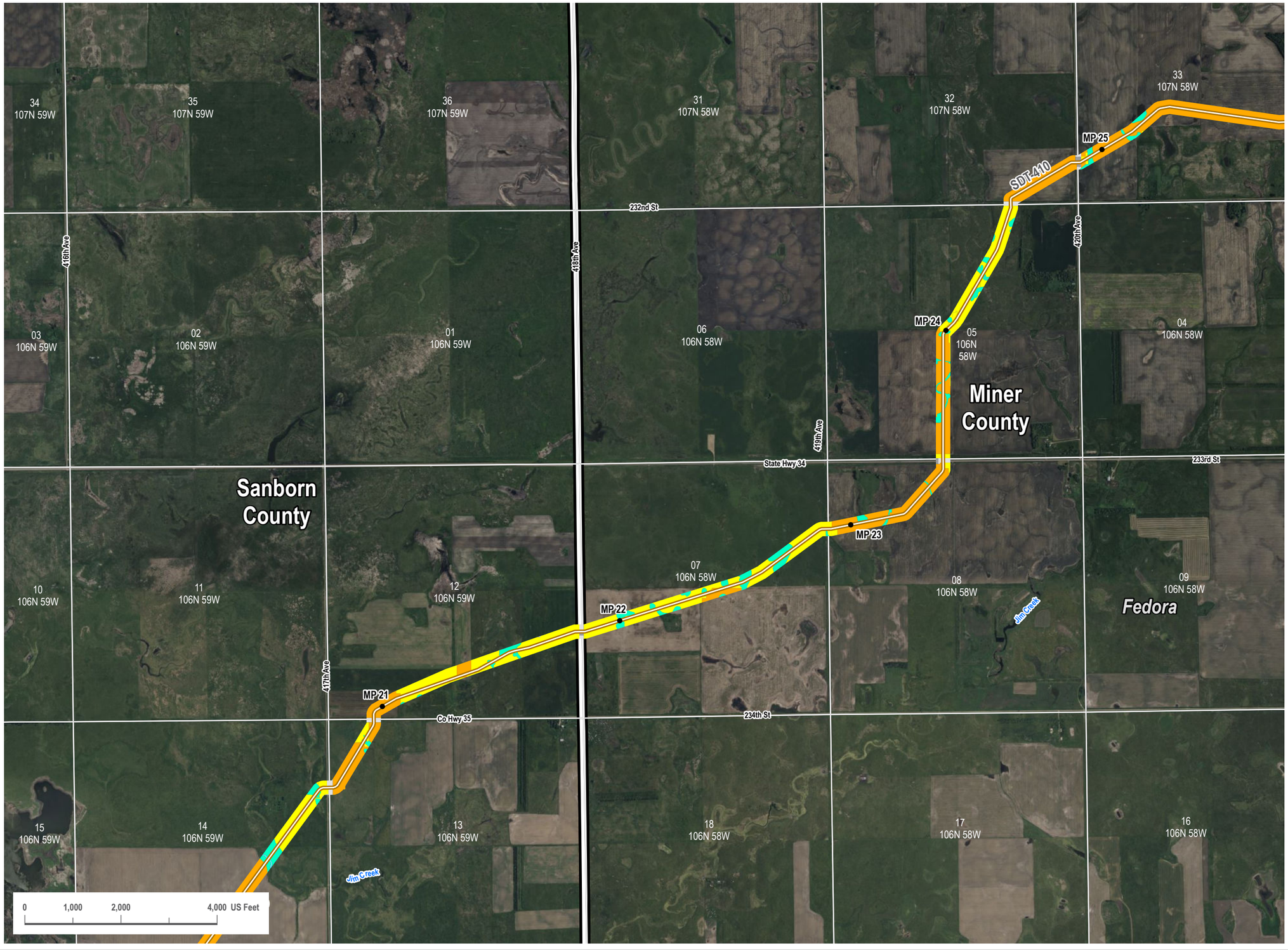
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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line
- County Line

Land Use (ARSD 20:10:22:18)

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SD PUC - LAND USE / LAND COVER MAP BOOK - SDT-410

16
107N 58W

15
107N 58W

14
107N 58W

13
107N 58W

18
107N 57W

17
107N 57W

229th St

424th Ave

21
107N 58W

Jim Creek

22
107N 58W

Morgan's Cemetery

23
107N 58W

24
107N 58W

19
107N 57W

20
107N 57W

Pooley Creek

230th St

28
107N 58W

421st Ave

27
107N 58W

422nd Ave

26
107N 58W

Miner County

25
107N 58W

30
107N 57W

MP 30

29
107N 57W

SDT-410

423rd Ave

425th Ave

231st St

MP 29

MP 27

MLV-410-04

MP 28

34
107N 58W

35
107N 58W

36
107N 58W

31
107N 57W

32
107N 57W

33
107N 58W

MP 26

232nd St

04

03
106N 58W

Fedora

02
106N 58W

Pooley Creek

01
106N 58W

06
106N 57W

05
106N 57W

0 1,000 2,000 4,000 US Feet

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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line
- Cemetery

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
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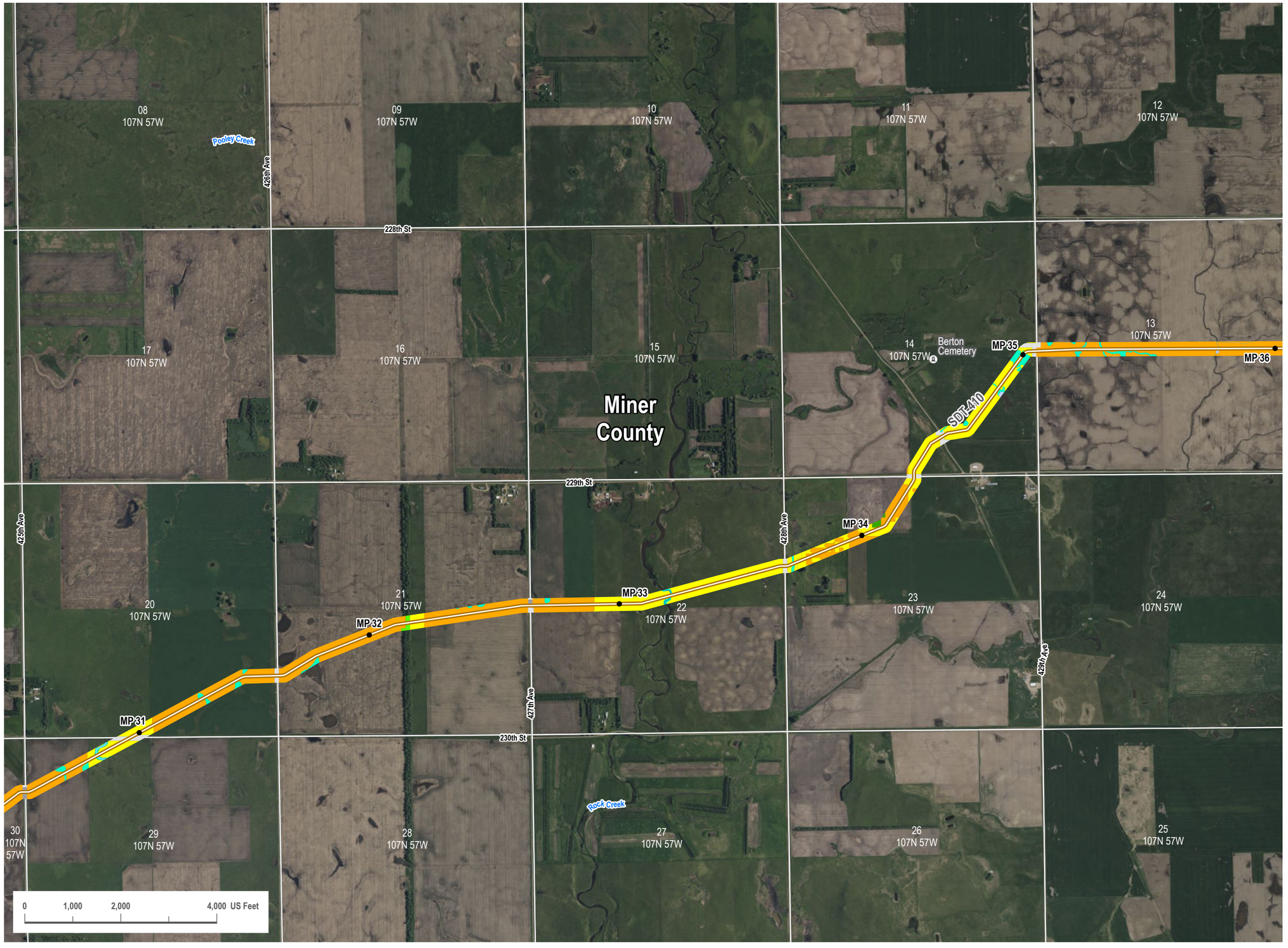
SD PUC - Land Use / Land Cover Map Book
SDT-410

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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line
- Cemetery

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
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SDT-410

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VICINITY MAP



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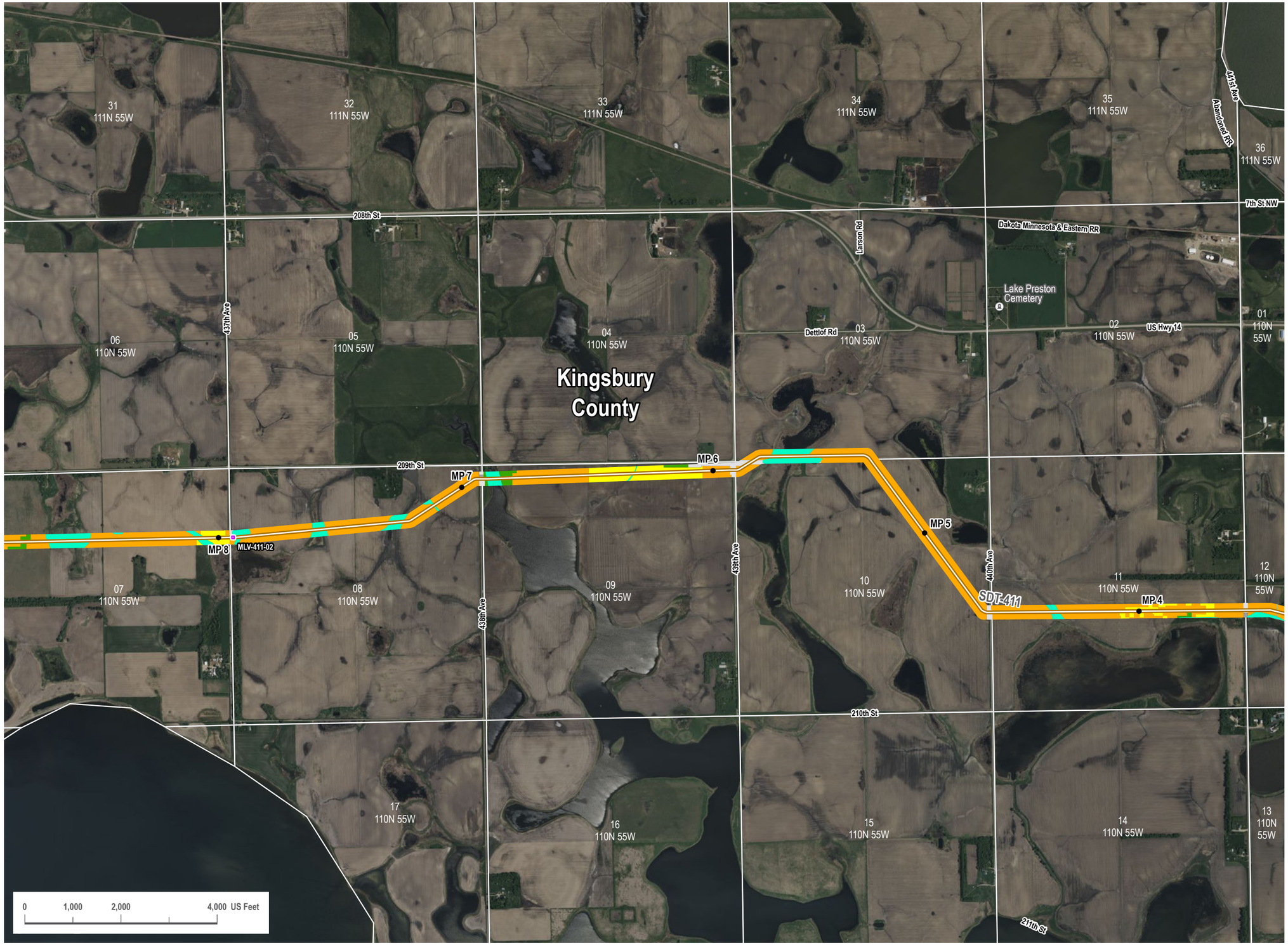
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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line
- Cemetery

Land Use (ARSD 20:10:22:18)

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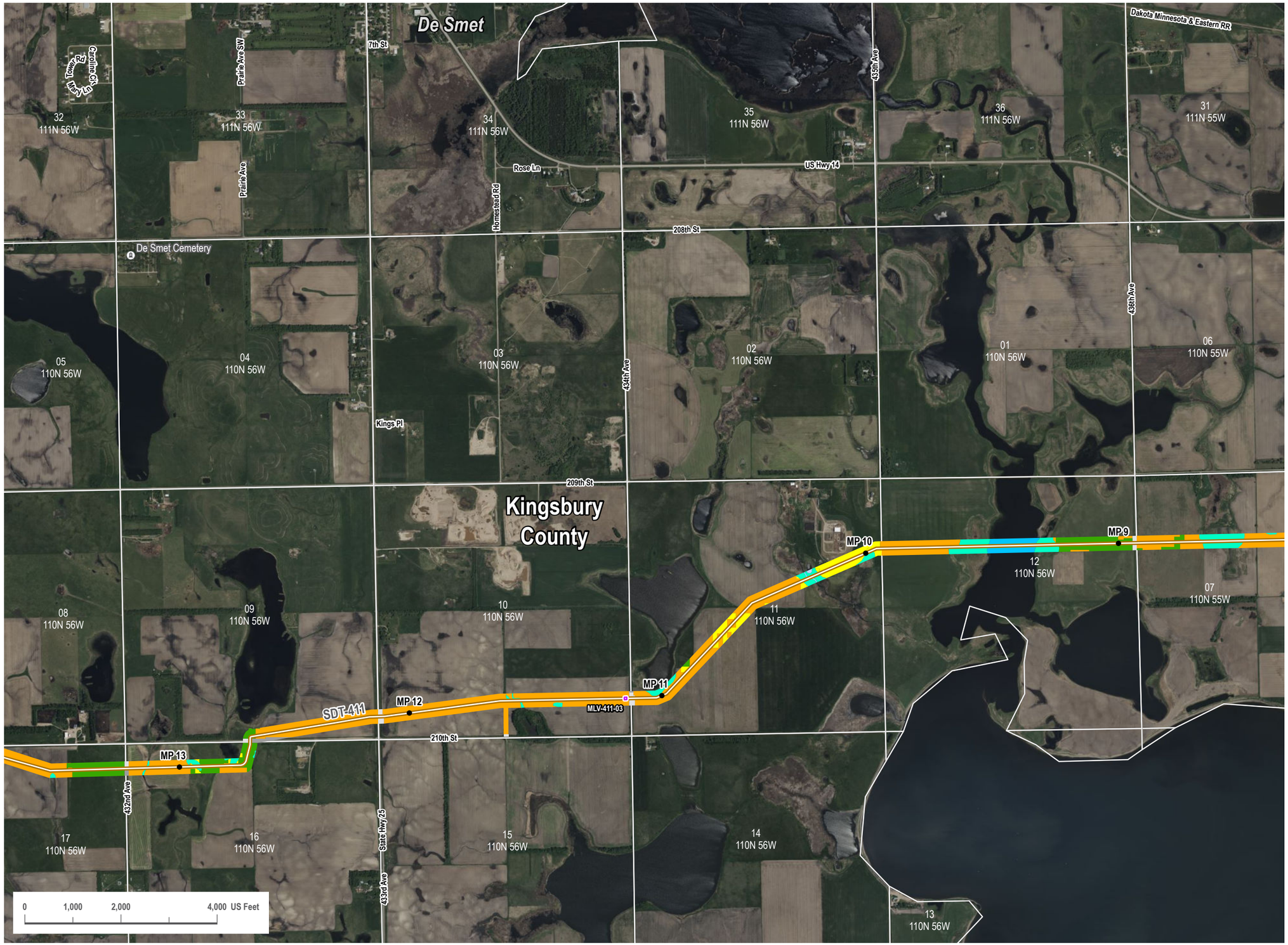
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VICINITY MAP



LEGEND

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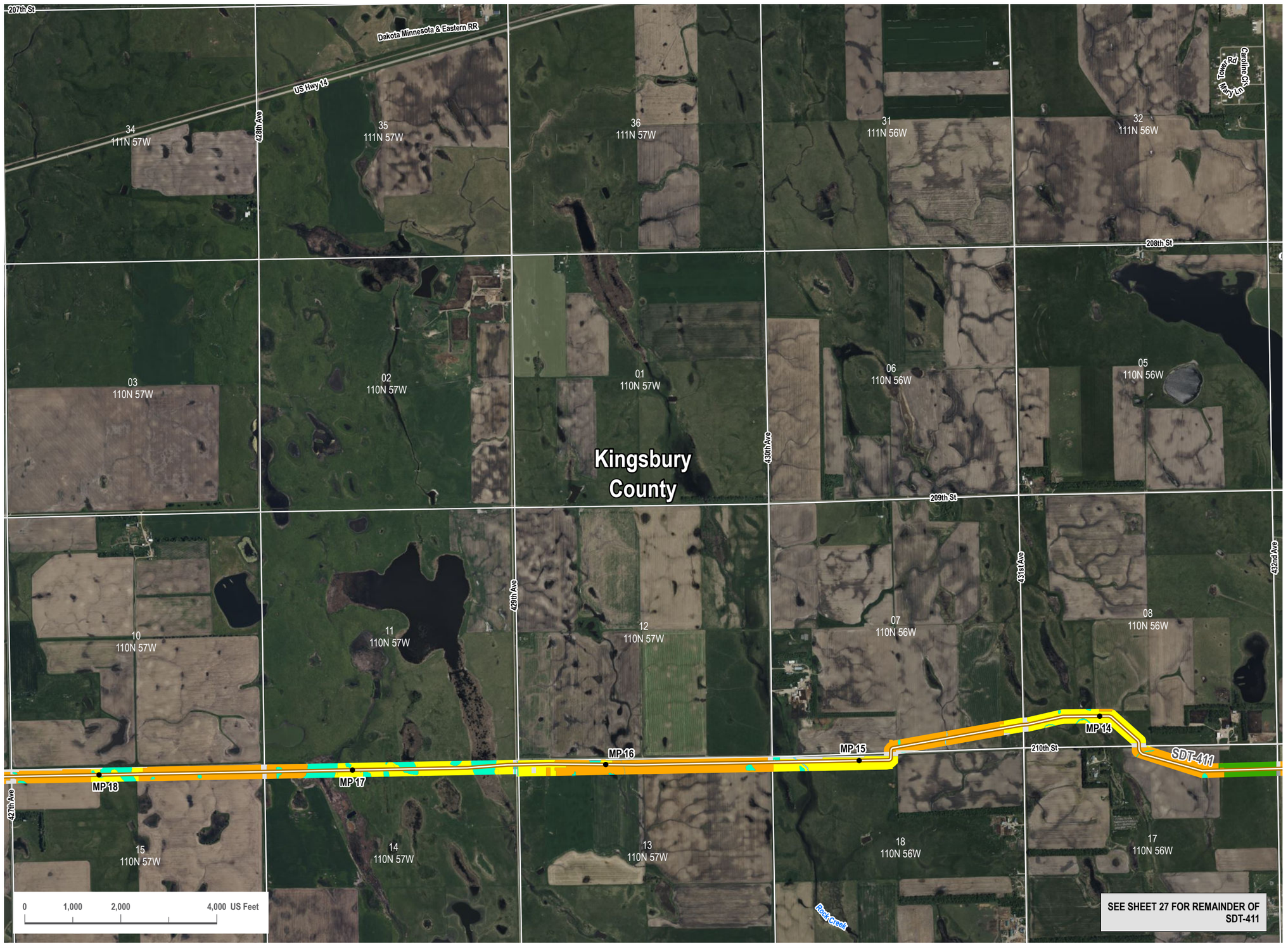
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SD PUC - LAND USE / LAND COVER MAP BOOK - SDT-411



VICINITY MAP



LEGEND

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SD PUC - LAND USE / LAND COVER MAP BOOK - SDL-514



VICINITY MAP



LEGEND

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- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
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- Palustrine Emergent Wetland
- Palustrine Forested Wetland

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MIDWEST CARBON EXPRESS PROJECT

Figure Title:

SD PUC - Land Use / Land Cover Map Book SDL-514

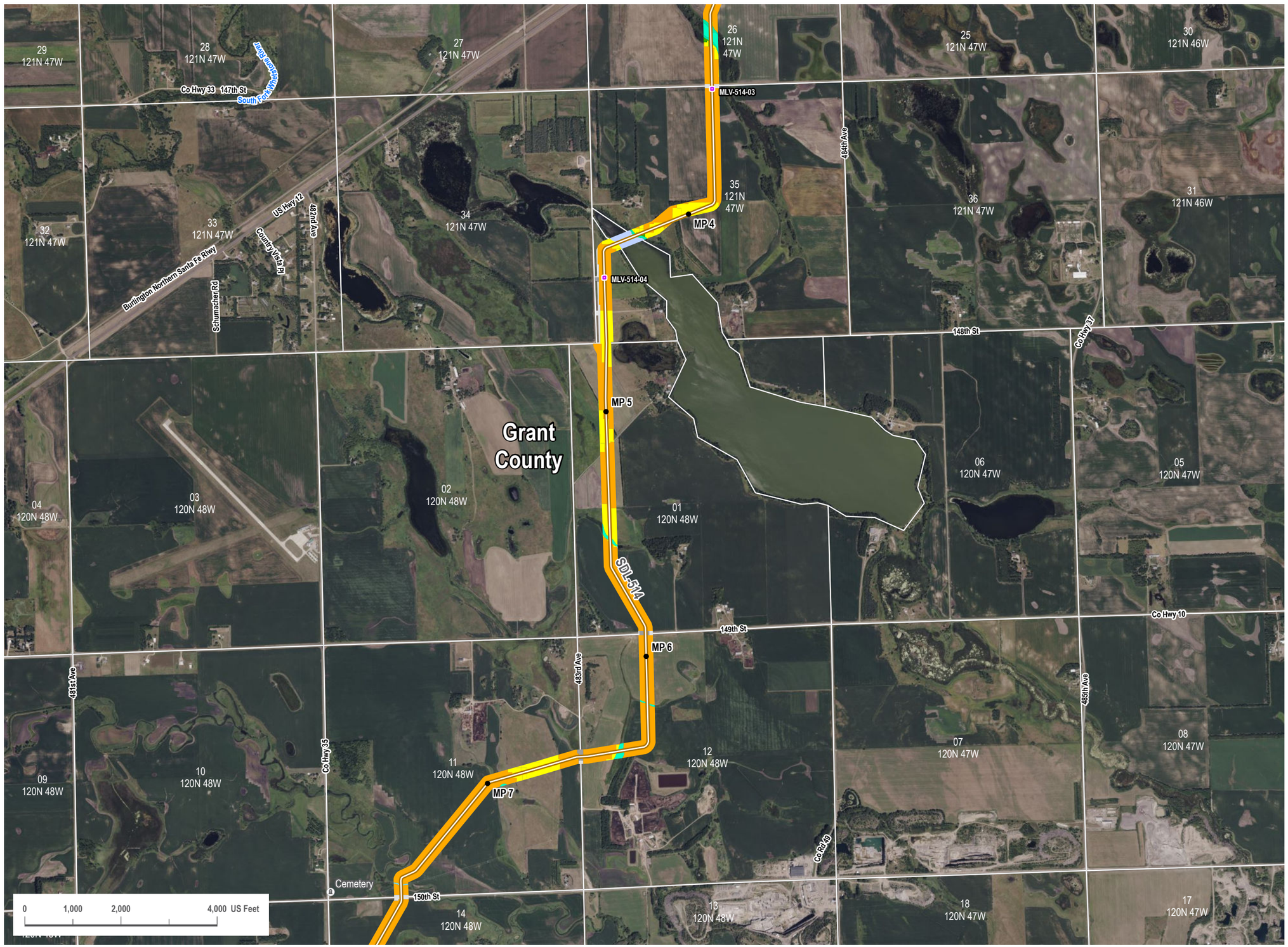
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Scale:	Projection:
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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line
- Cemetery

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland
- Palustrine Forested Wetland

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SD PUC - LAND USE / LAND COVER MAP BOOK - SDL-514



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line
- Cemetery

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Potential source for irrigated lands / Public use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Potential source for irrigated lands / Public use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
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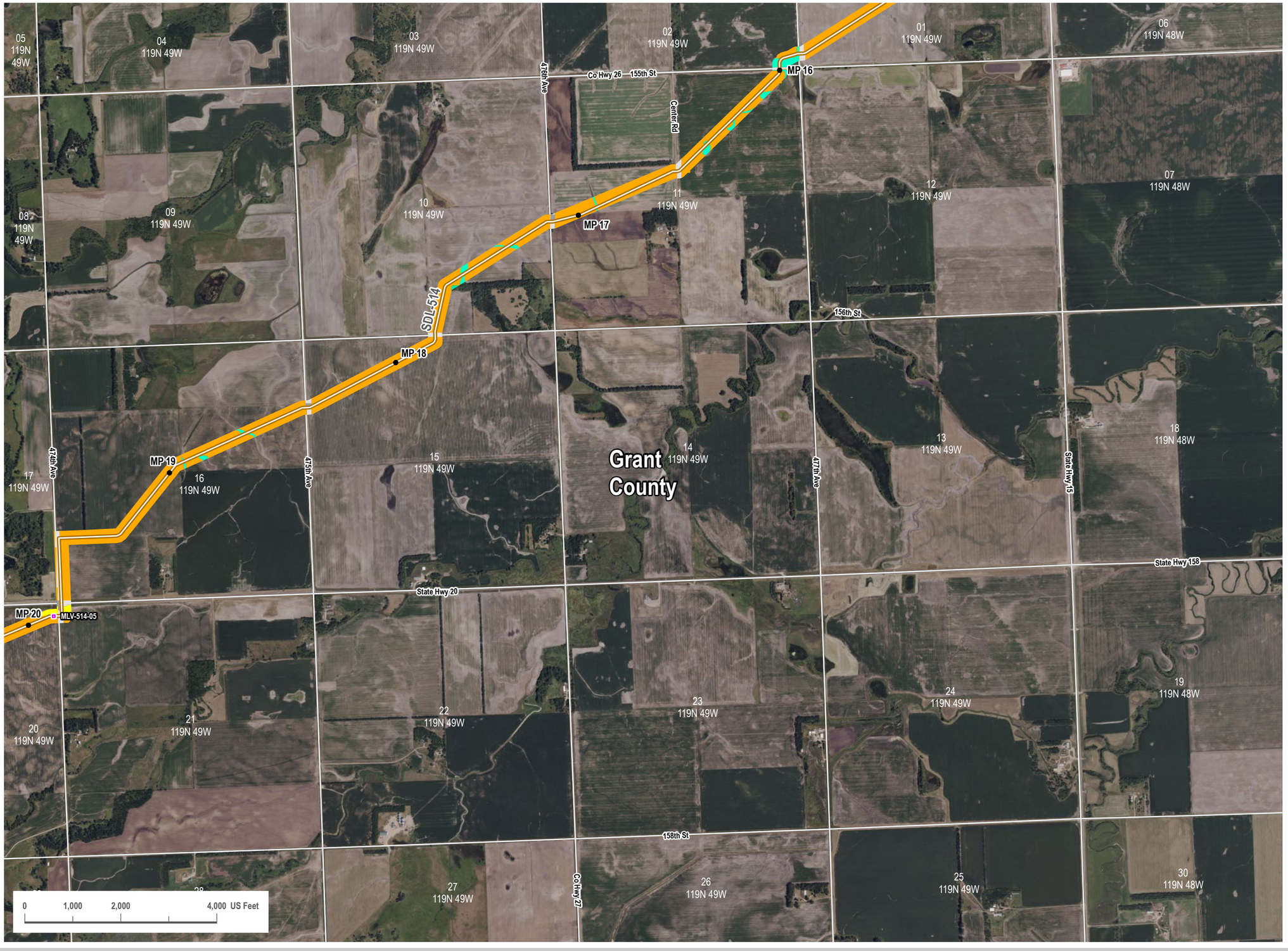
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SD PUC - LAND USE / LAND COVER MAP BOOK - SDL-514



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Palustrine Emergent Wetland
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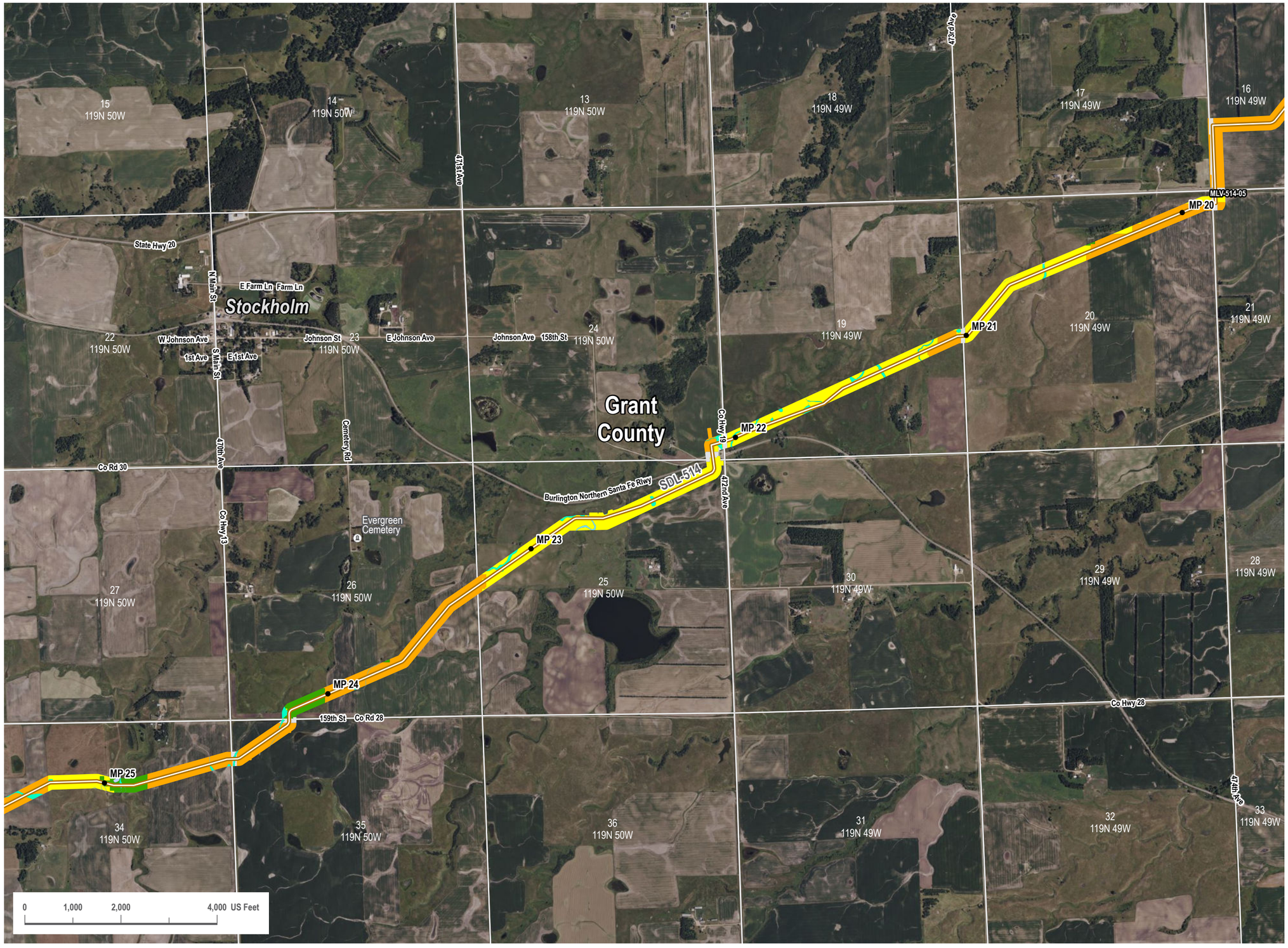
SD PUC - Land Use / Land Cover Map Book
SDL-514

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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line
- Cemetery

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland

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SD PUC - Land Use / Land Cover Map Book
SDL-514

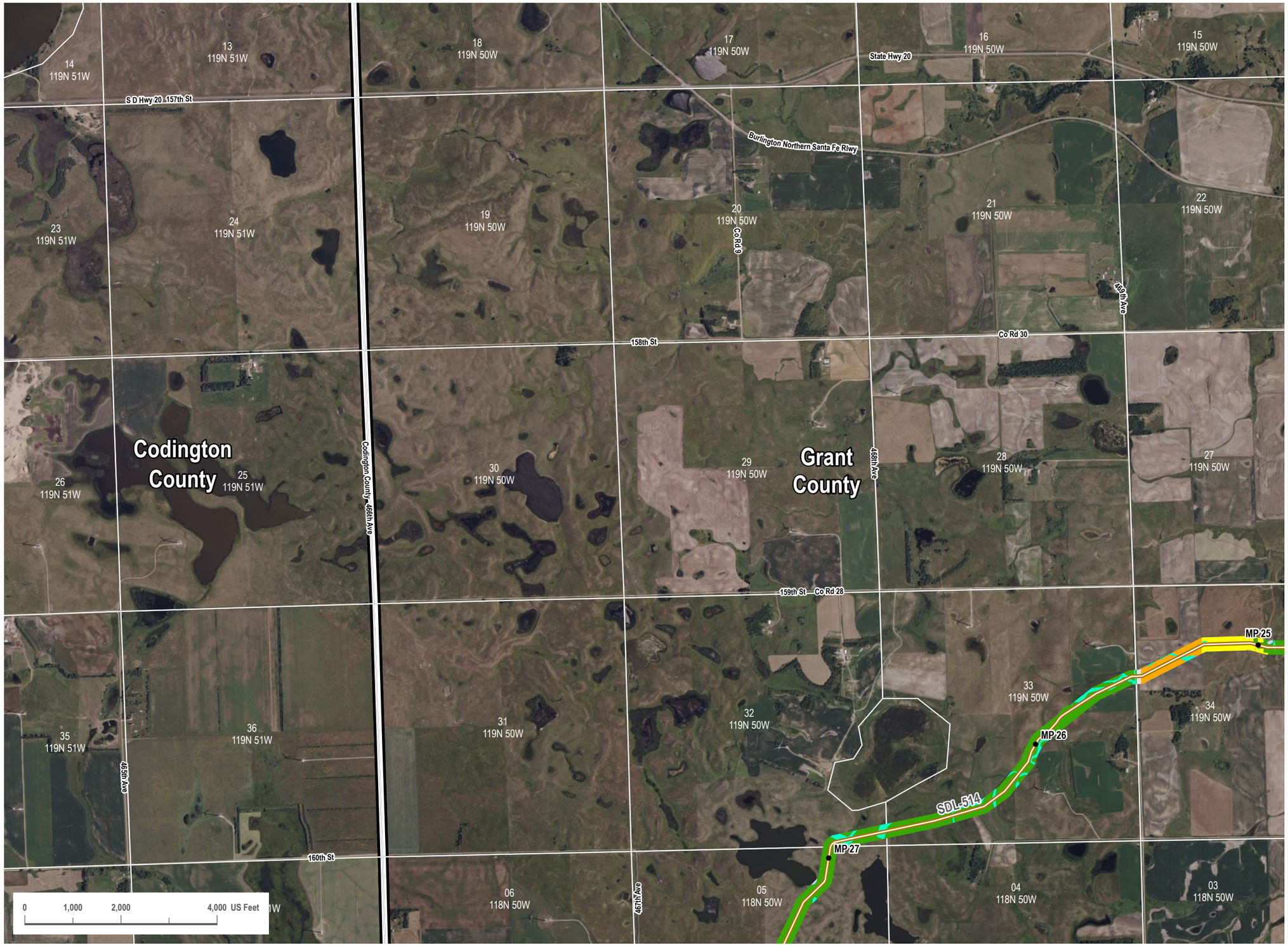
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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line
- County Line

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland

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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line
- County Line
- Cemetery

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland
- Palustrine Scrub-Shrub Wetland

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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line
- County Line
- Cemetery

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland

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SDL-514

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SD PUC - LAND USE / LAND COVER MAP BOOK - SDL-514



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Potential source for irrigated lands / Public use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland
- Palustrine Forested Wetland
- Palustrine Scrub-Shrub Wetland

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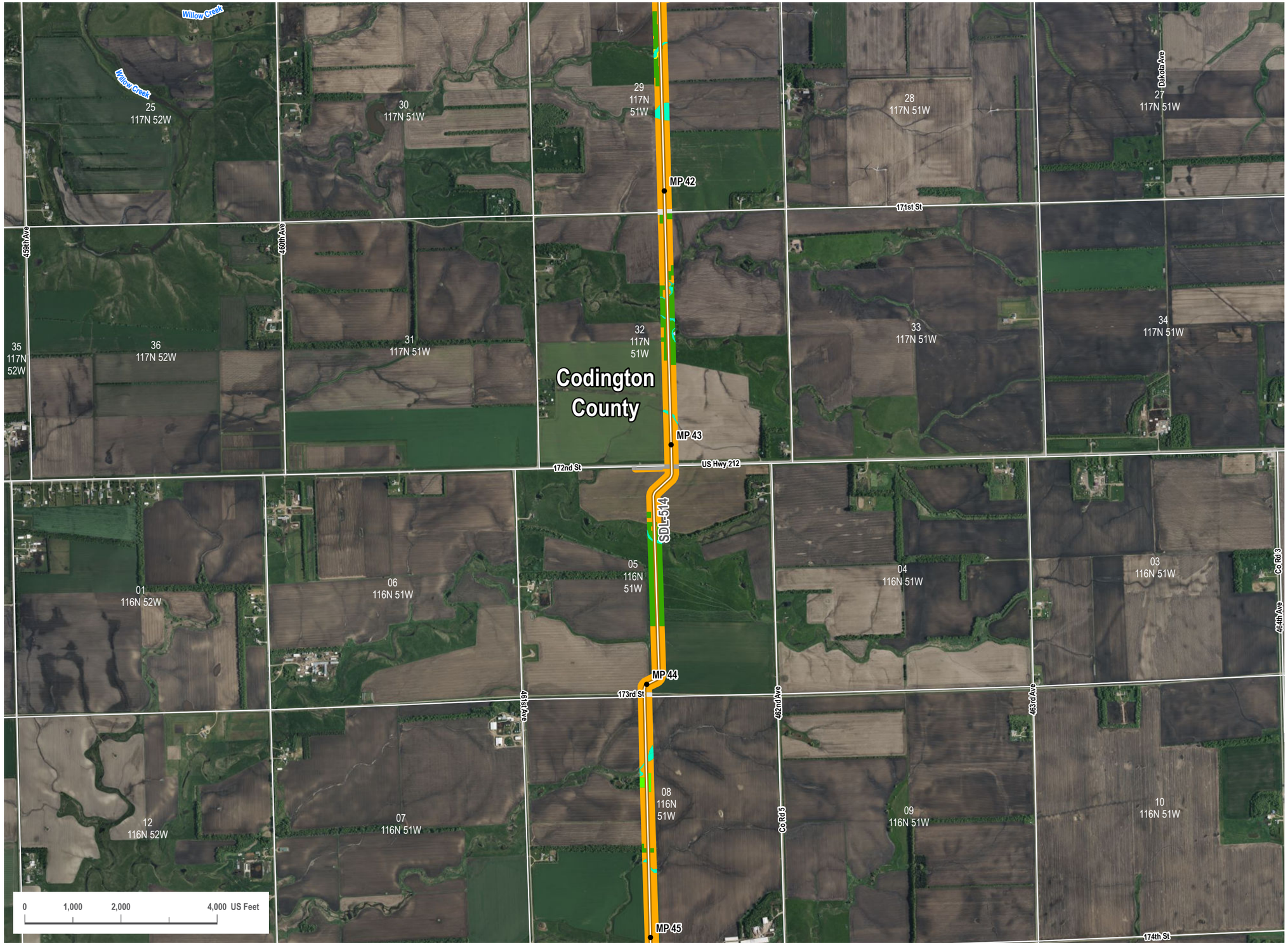
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SD PUC - LAND USE / LAND COVER MAP BOOK - SDL-514



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Public Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
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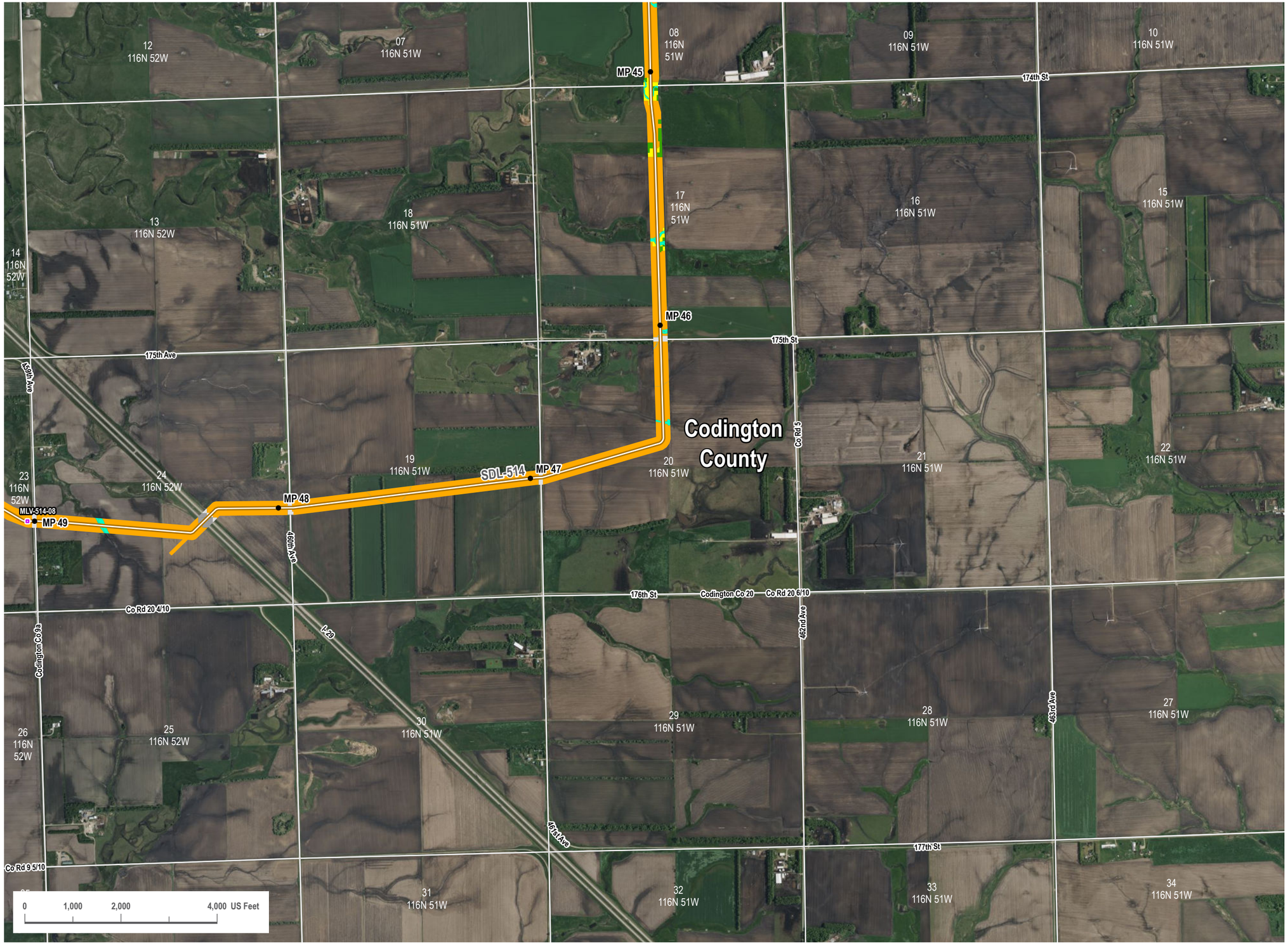
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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Potential source for irrigated lands / Public use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland

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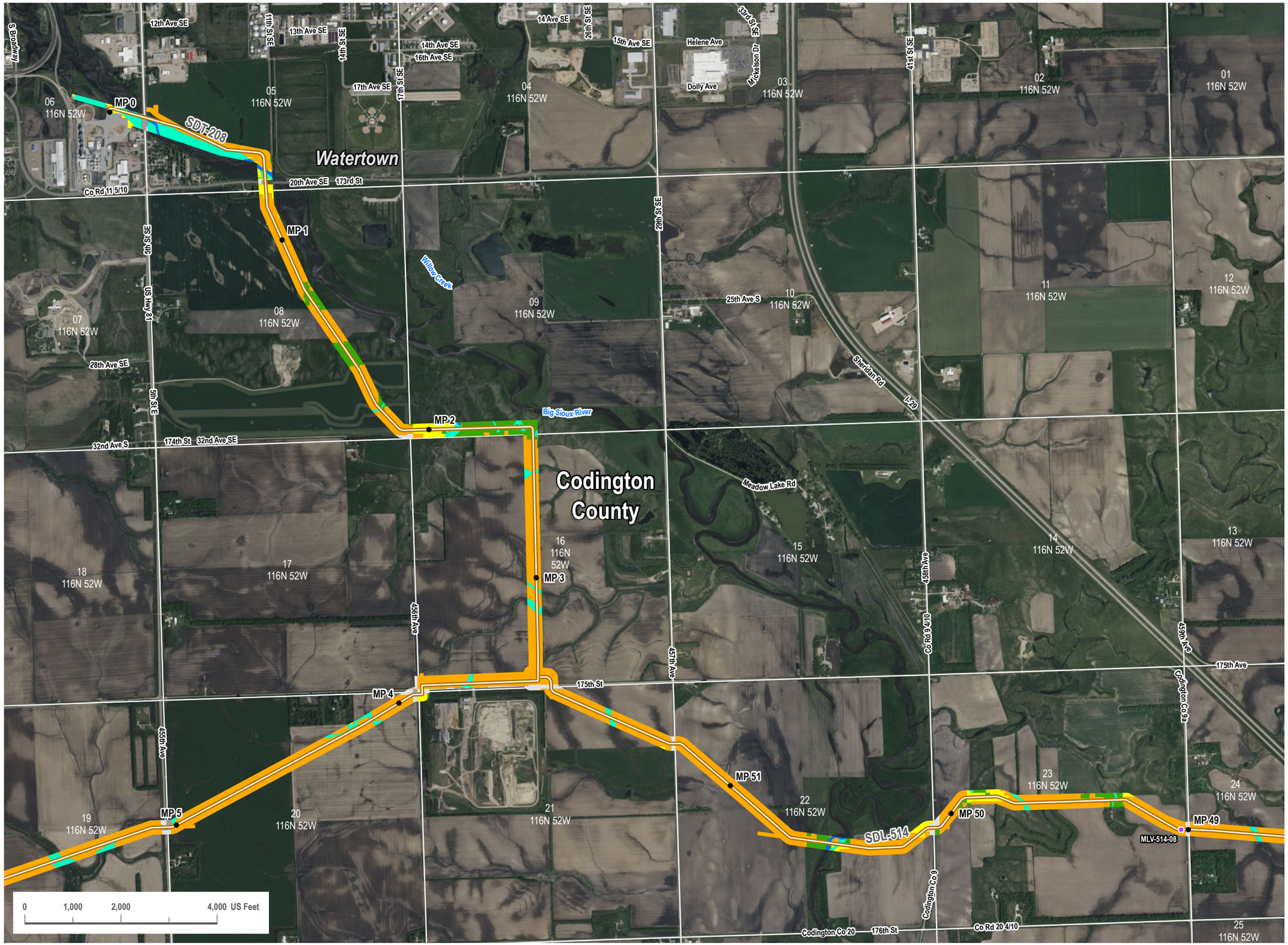
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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Potential source for irrigated lands / Public use
- Public, commercial, and institutional use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland
- Palustrine Forested Wetland

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MIDWEST CARBON EXPRESS PROJECT

Figure Title:

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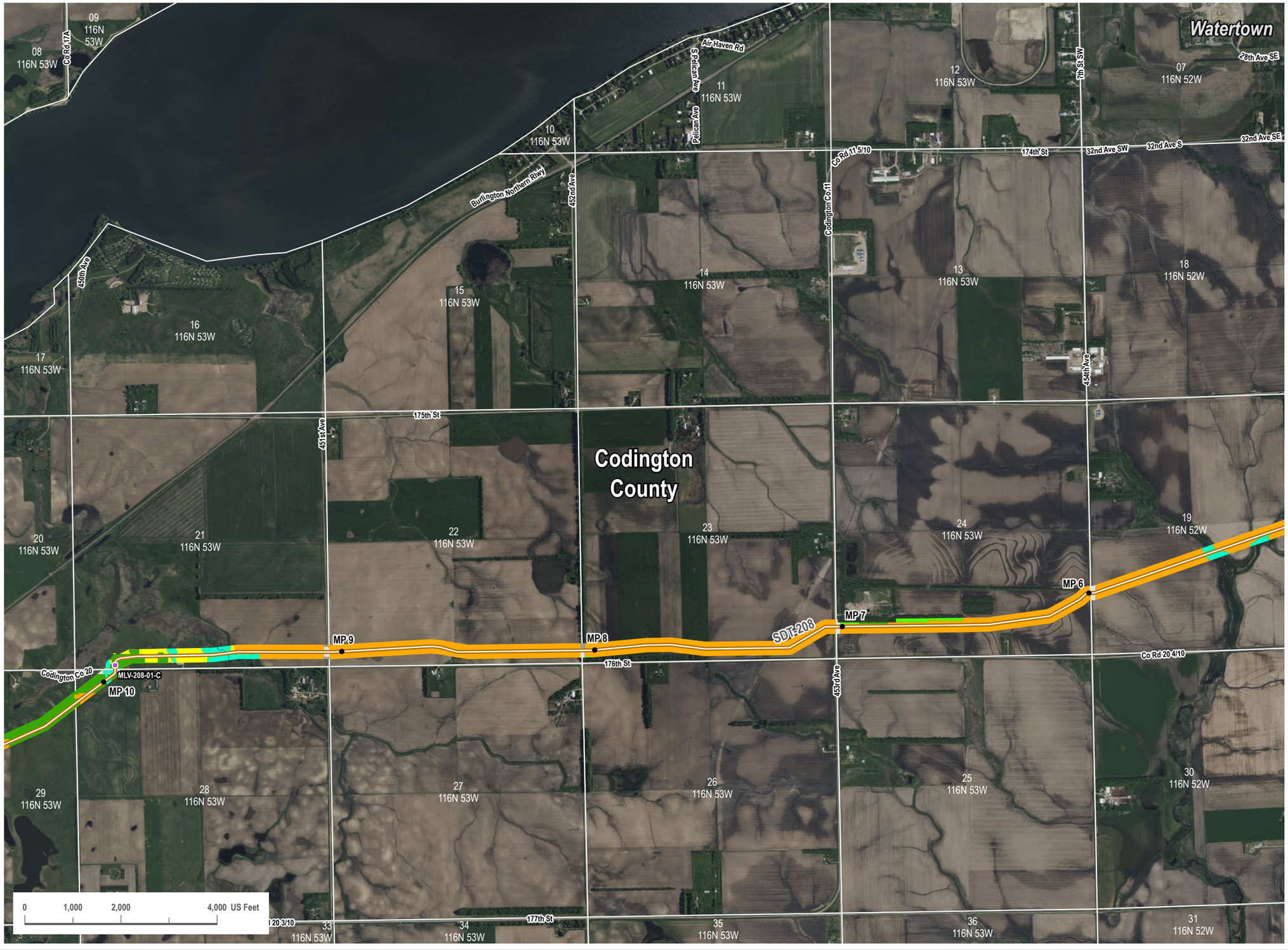
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SD PUC - LAND USE / LAND COVER MAP BOOK - SDT-208



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands / Public use
- Public Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland

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Figure Title:

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SDT-208

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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line
- County Line
- Cemetery

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Public Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland
- Palustrine Forested Wetland

N

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MIDWEST CARBON EXPRESS PROJECT

Figure Title:

SD PUC - Land Use / Land Cover Map Book
SDT-208

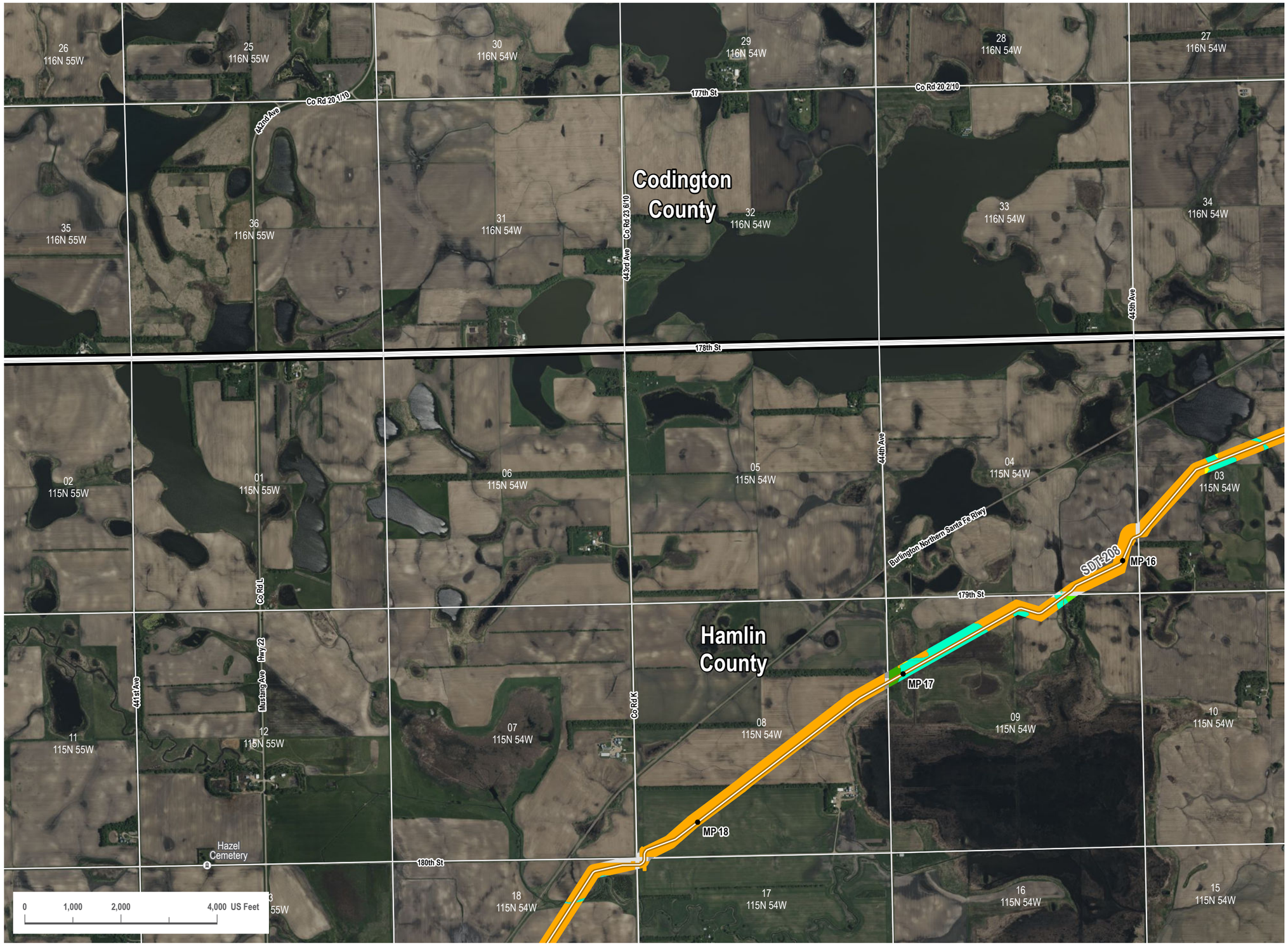
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Appendix 5C

Scale:	Projection:
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SD PUC - LAND USE / LAND COVER MAP BOOK - SDT-208



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line
- County Line
- Cemetery

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Public Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
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Land Use (ARSD 20:10:22:18)

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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line
- Cemetery

Land Use (ARSD 20:10:22:18)

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VICINITY MAP



LEGEND

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- Section Line

Land Use (ARSD 20:10:22:18)

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- Potential source for irrigated lands
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- Palustrine Scrub-Shrub Wetland

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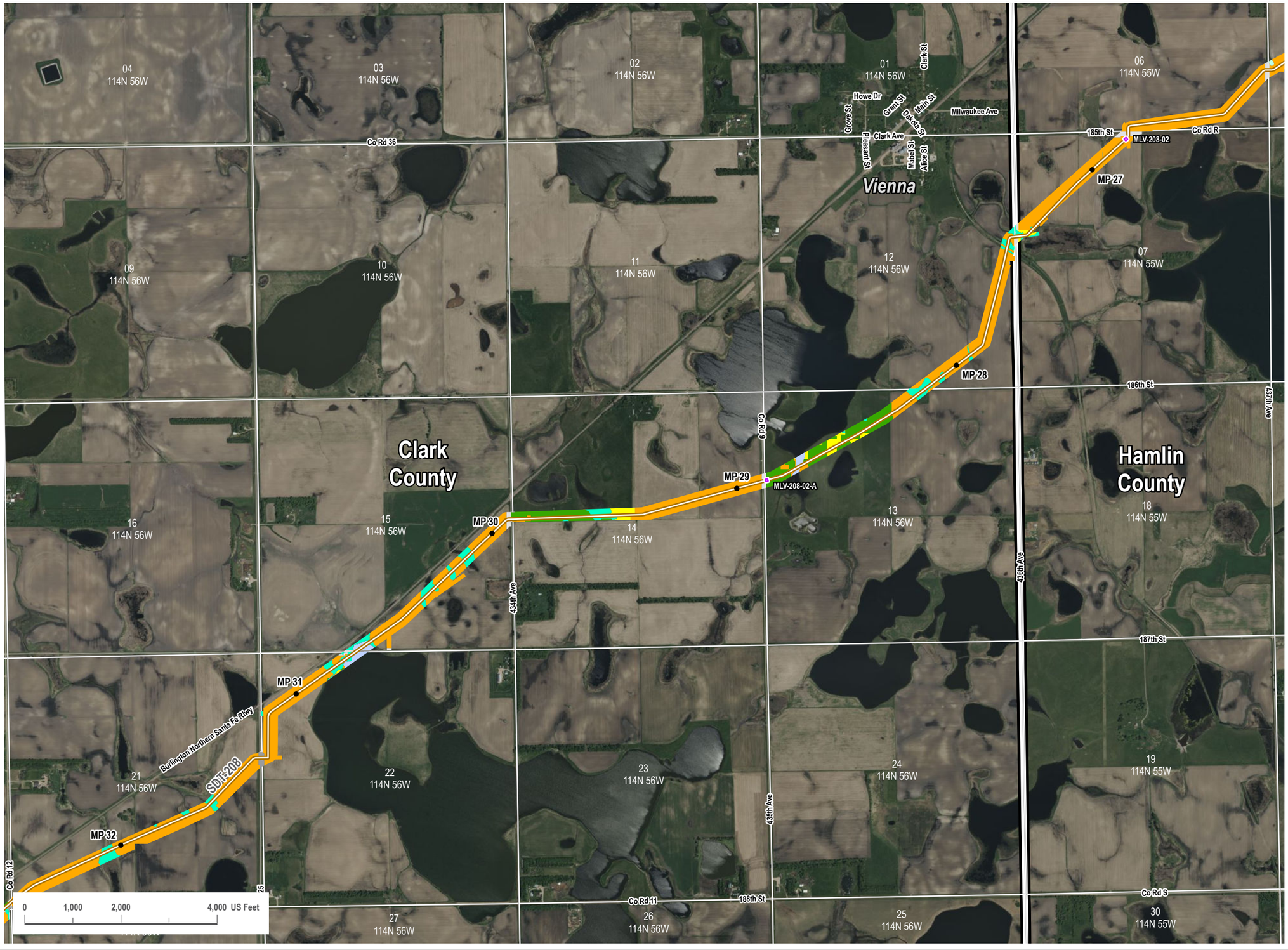
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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
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- County Line

Land Use (ARSD 20:10:22:18)

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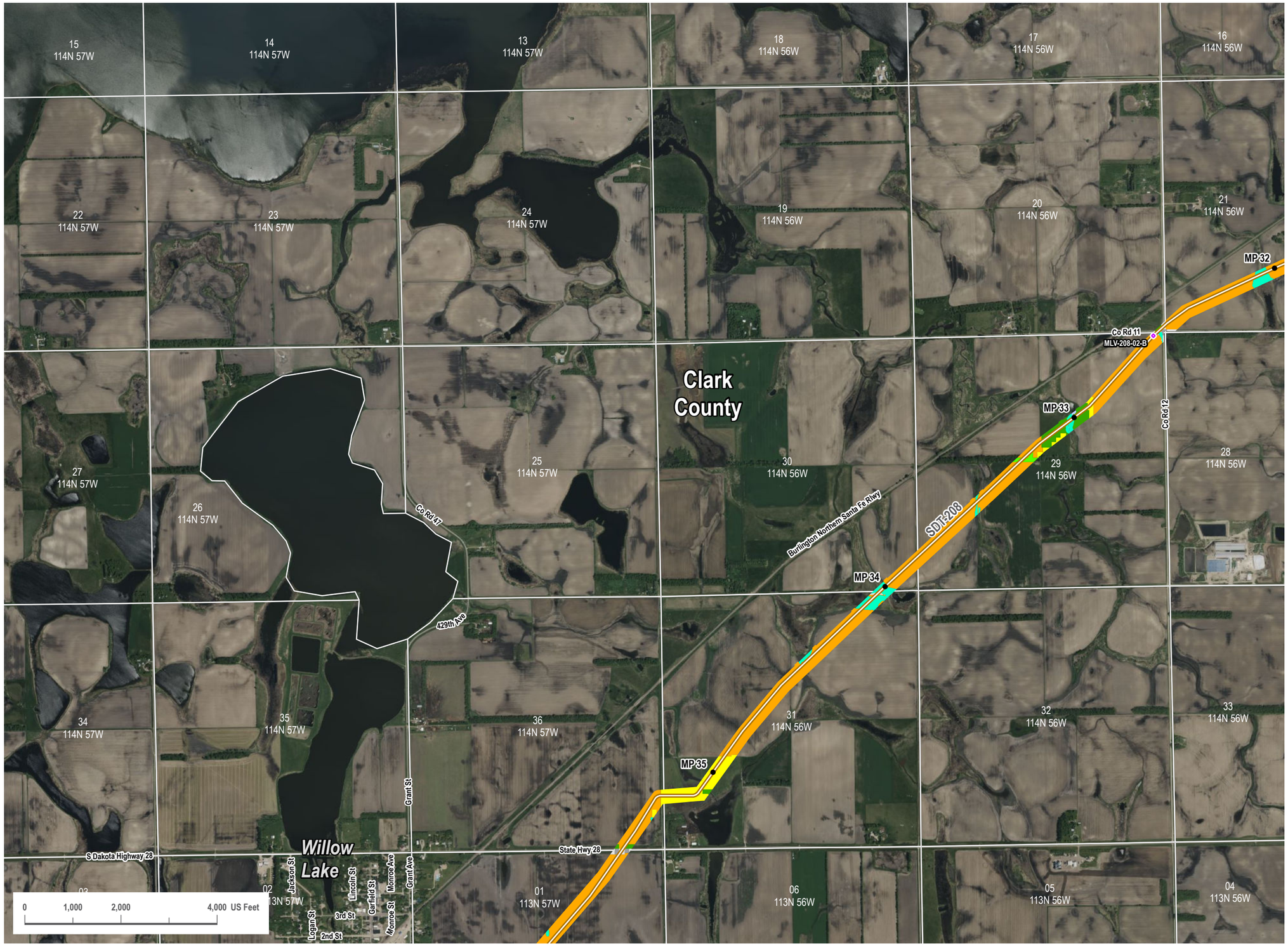
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SD PUC - LAND USE / LAND COVER MAP BOOK - SDT-208



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line

Land Use (ARSD 20:10:22:18)

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- Potential source for irrigated lands
- Public Use
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VICINITY MAP



LEGEND

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Land Use (ARSD 20:10:22:18)

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- Potential source for irrigated lands
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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Public Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
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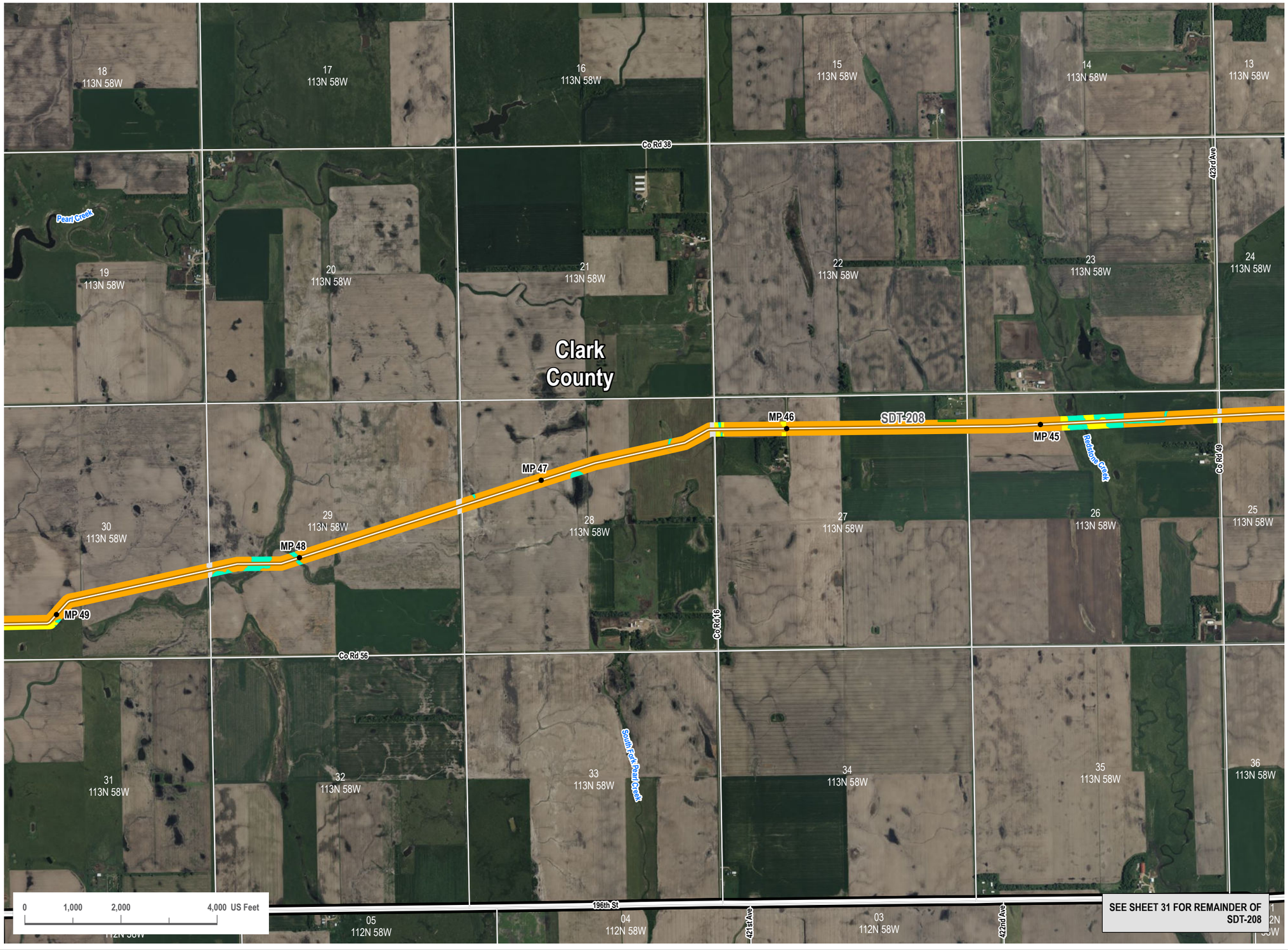
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Appendix 5C

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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line
- County Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
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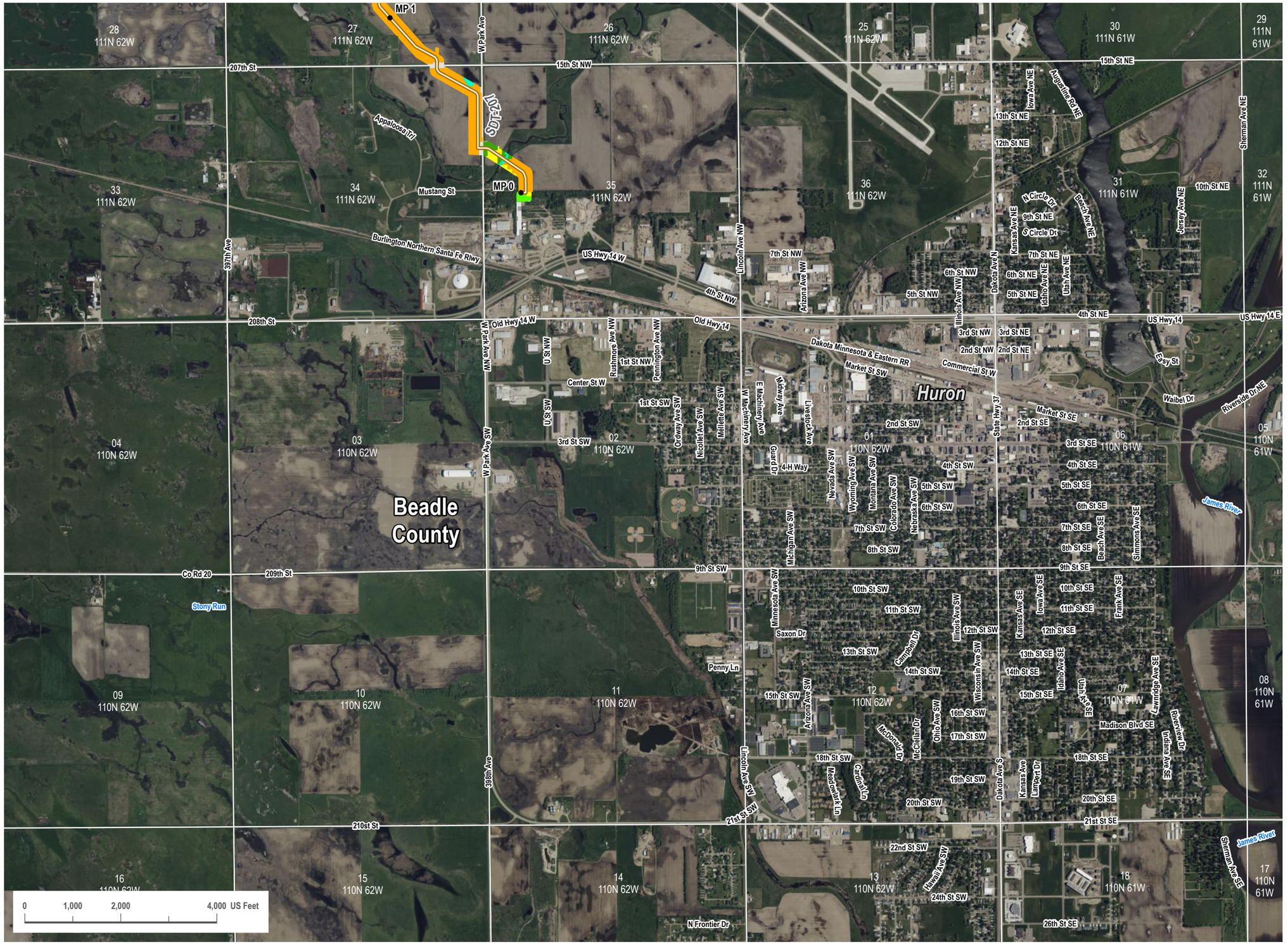
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SD PUC - LAND USE / LAND COVER MAP BOOK - SDT-207



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands / Public use
- Public Use
- Public, commercial, and institutional use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
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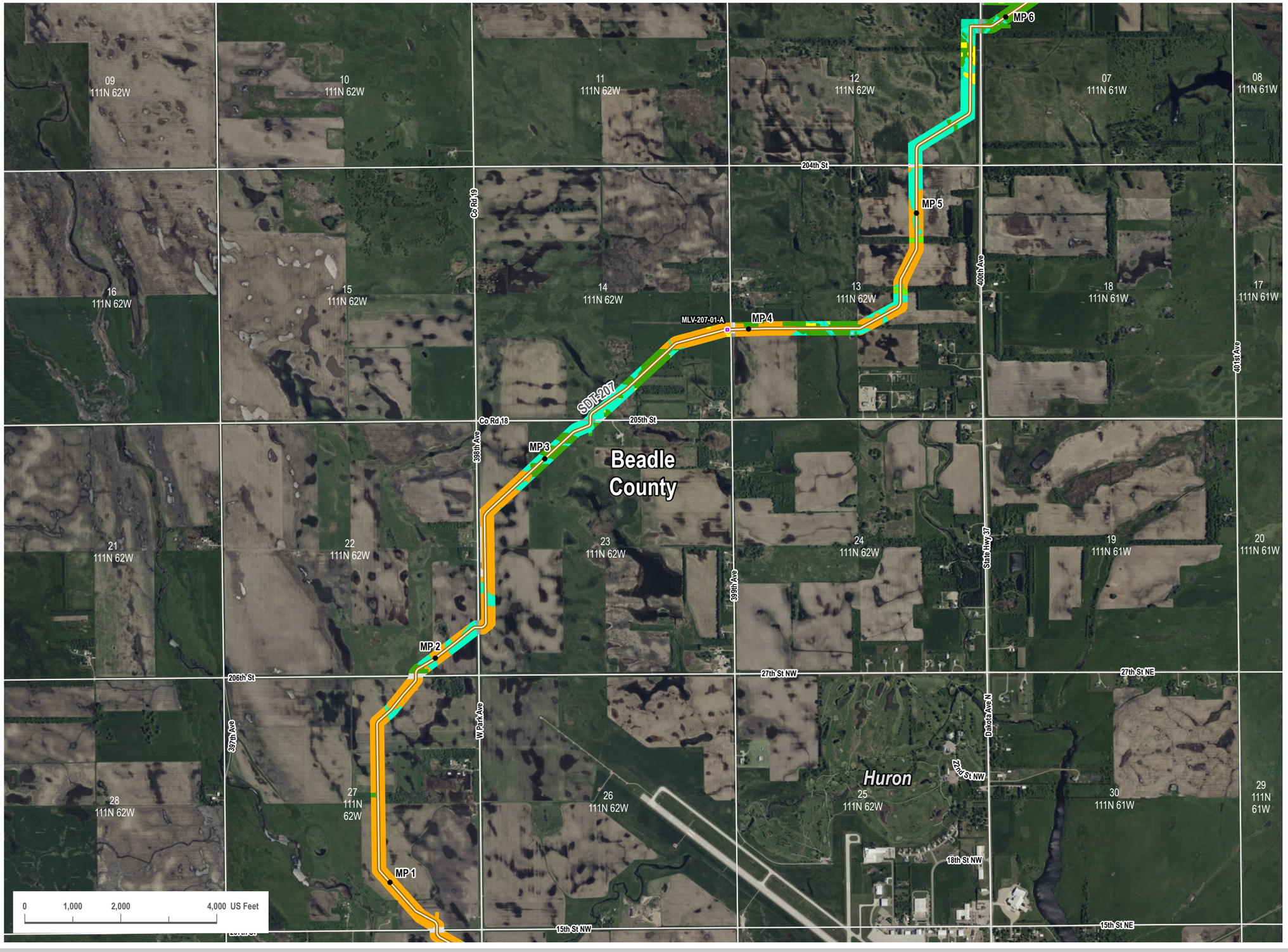
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VICINITY MAP



LEGEND

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- Valve
- Section Line

Land Use (ARSD 20:10:22:18)

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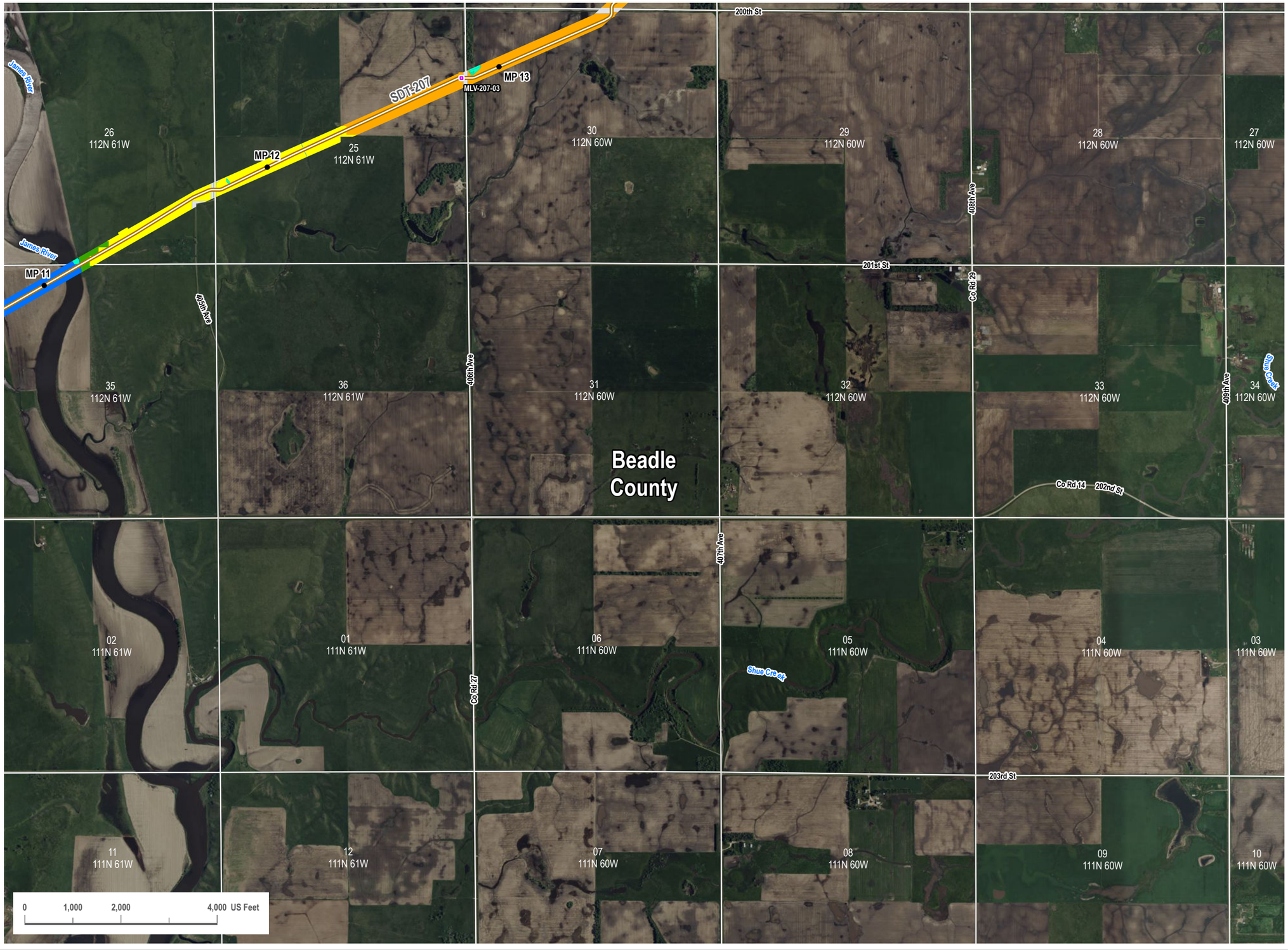
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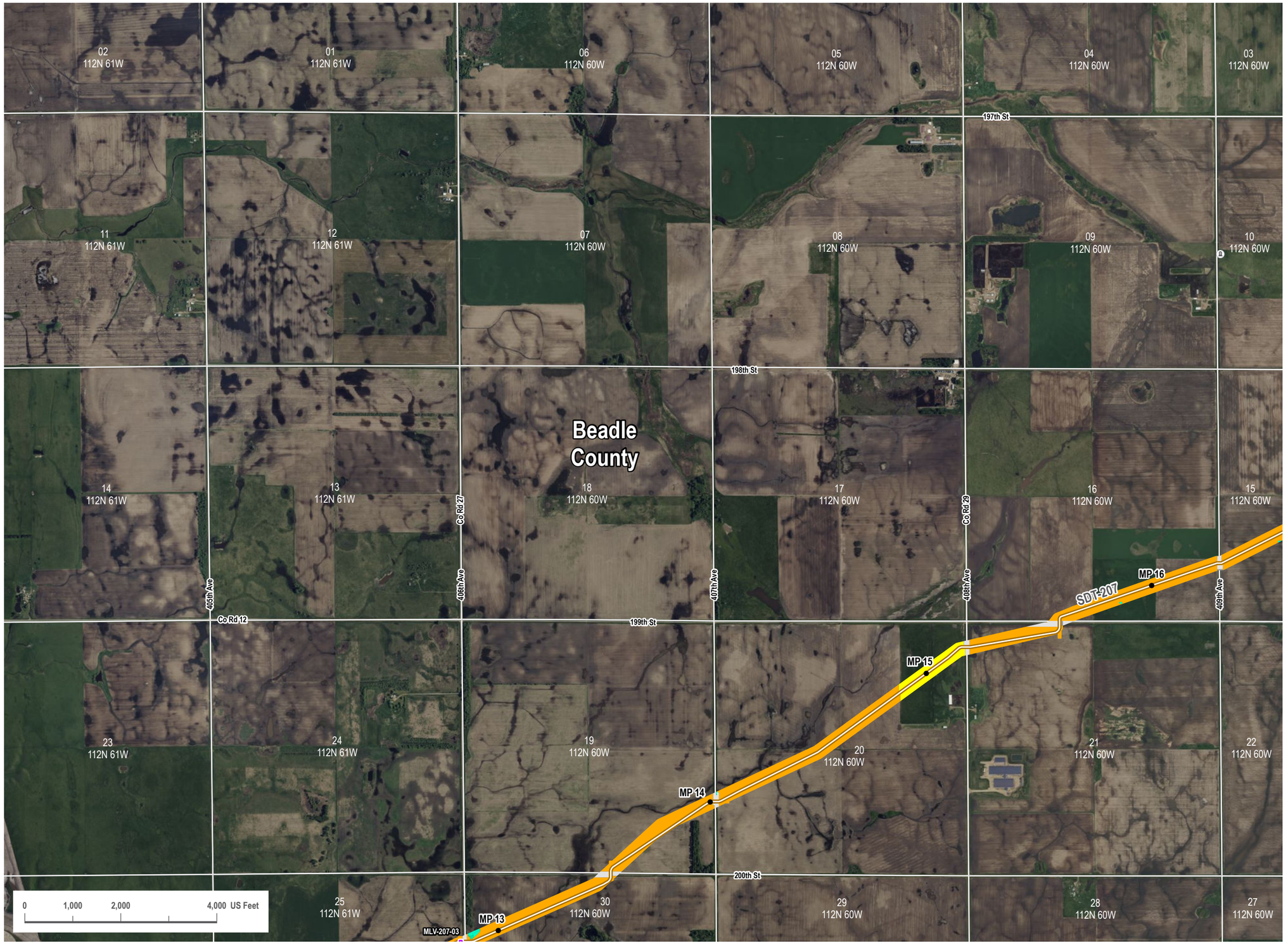
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VICINITY MAP



LEGEND

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- Valve
- Section Line
- Cemetery

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Palustrine Emergent Wetland
- Palustrine Forested Wetland

N

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MIDWEST CARBON EXPRESS PROJECT

Figure Title:

SD PUC - Land Use / Land Cover Map Book
SDT-207

Figure Number:

Appendix 5C

Scale:	Projection:
1 : 24,000 1 inch equals 2,000 feet	Transverse Mercator NAD 1983 UTM Zone 14N

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SD PUC - LAND USE / LAND COVER MAP BOOK - SDT-207



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line
- Cemetery

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands / Public use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
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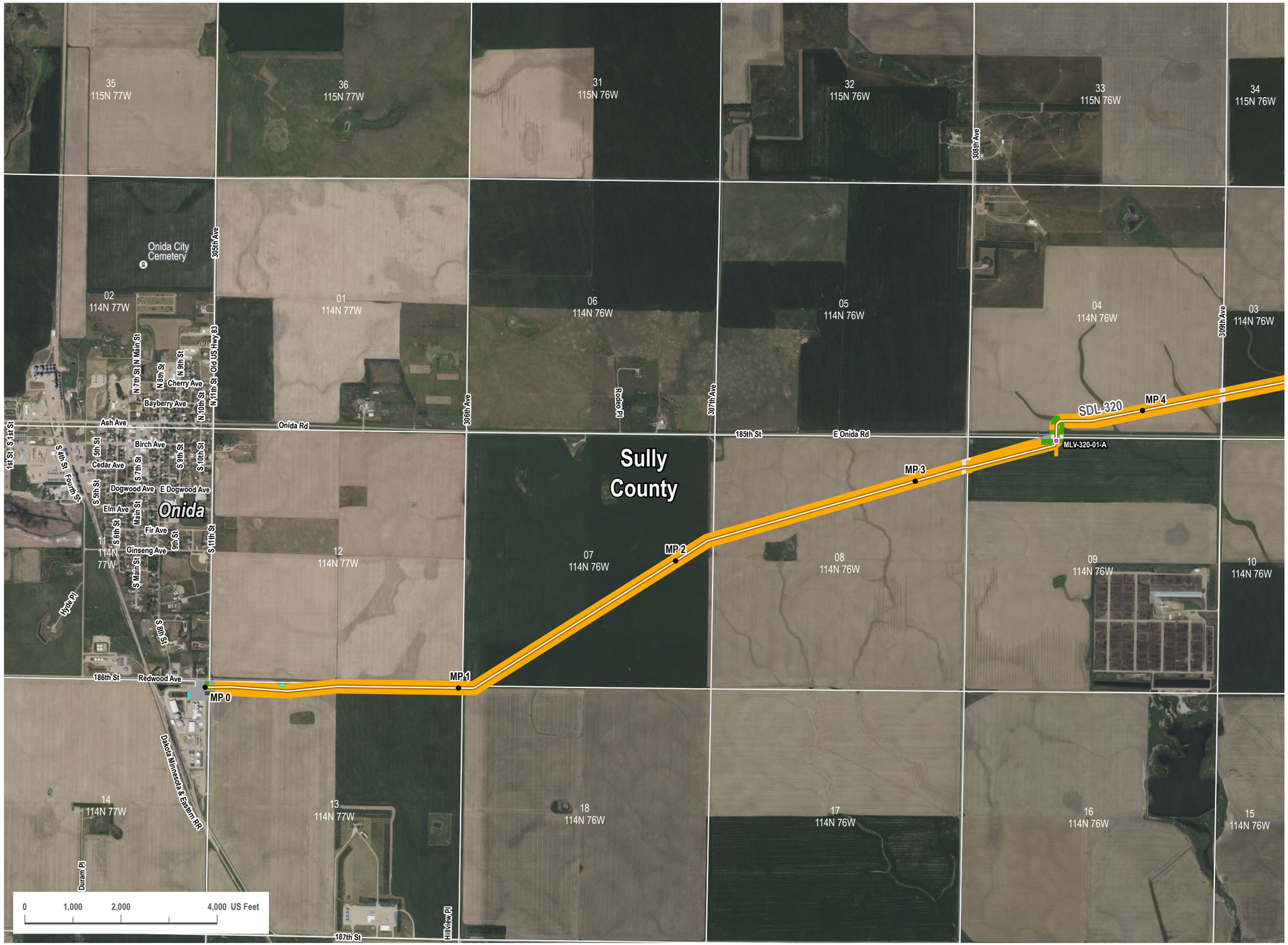
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SD PUC - LAND USE / LAND COVER MAP BOOK - SDL-320



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line
- Cemetery

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
- Land used primarily for row and non-row crops in rotation
- Potential source for irrigated lands
- Public, commercial, and institutional use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland

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SD PUC - LAND USE / LAND COVER MAP BOOK - SDL-320



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Public, commercial, and institutional use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
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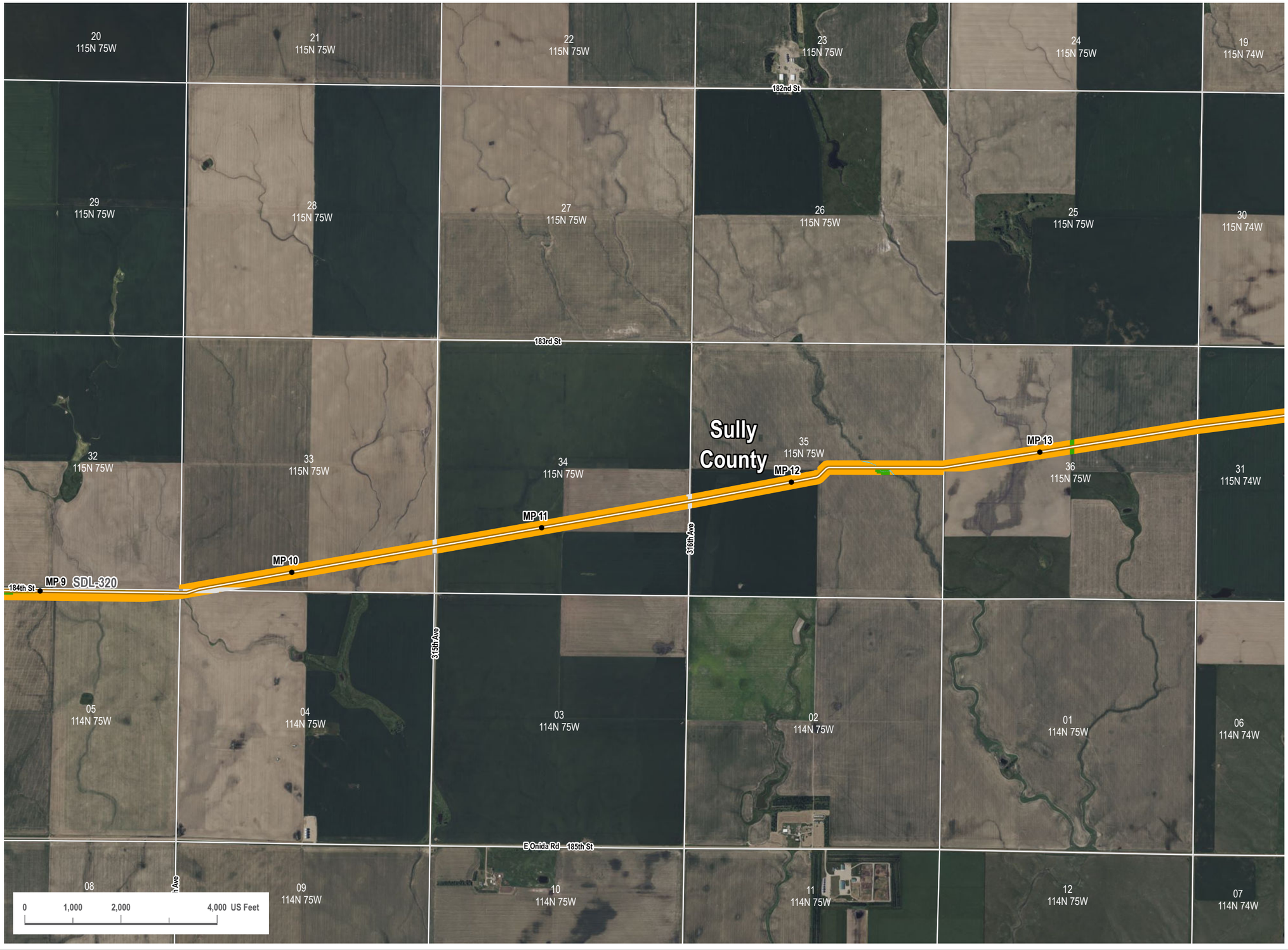
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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Potential source for irrigated lands
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands

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SD PUC - LAND USE / LAND COVER MAP BOOK - SDL-320



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Potential source for irrigated lands / Public use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
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- Undisturbed native grasslands
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SD PUC - LAND USE / LAND COVER MAP BOOK - SDL-320



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line
- County Line

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
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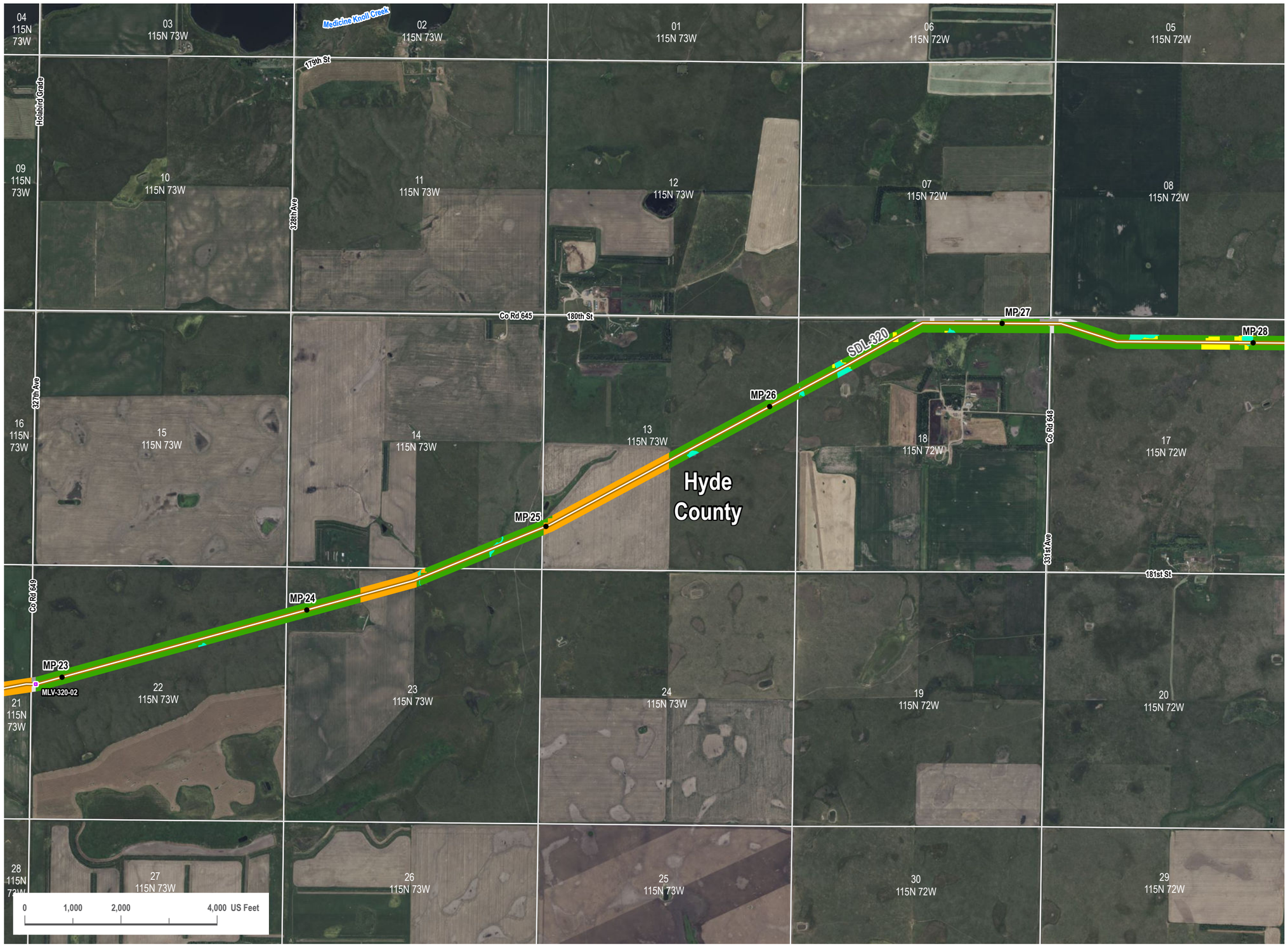
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VICINITY MAP



LEGEND

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- Valve
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Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
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VICINITY MAP



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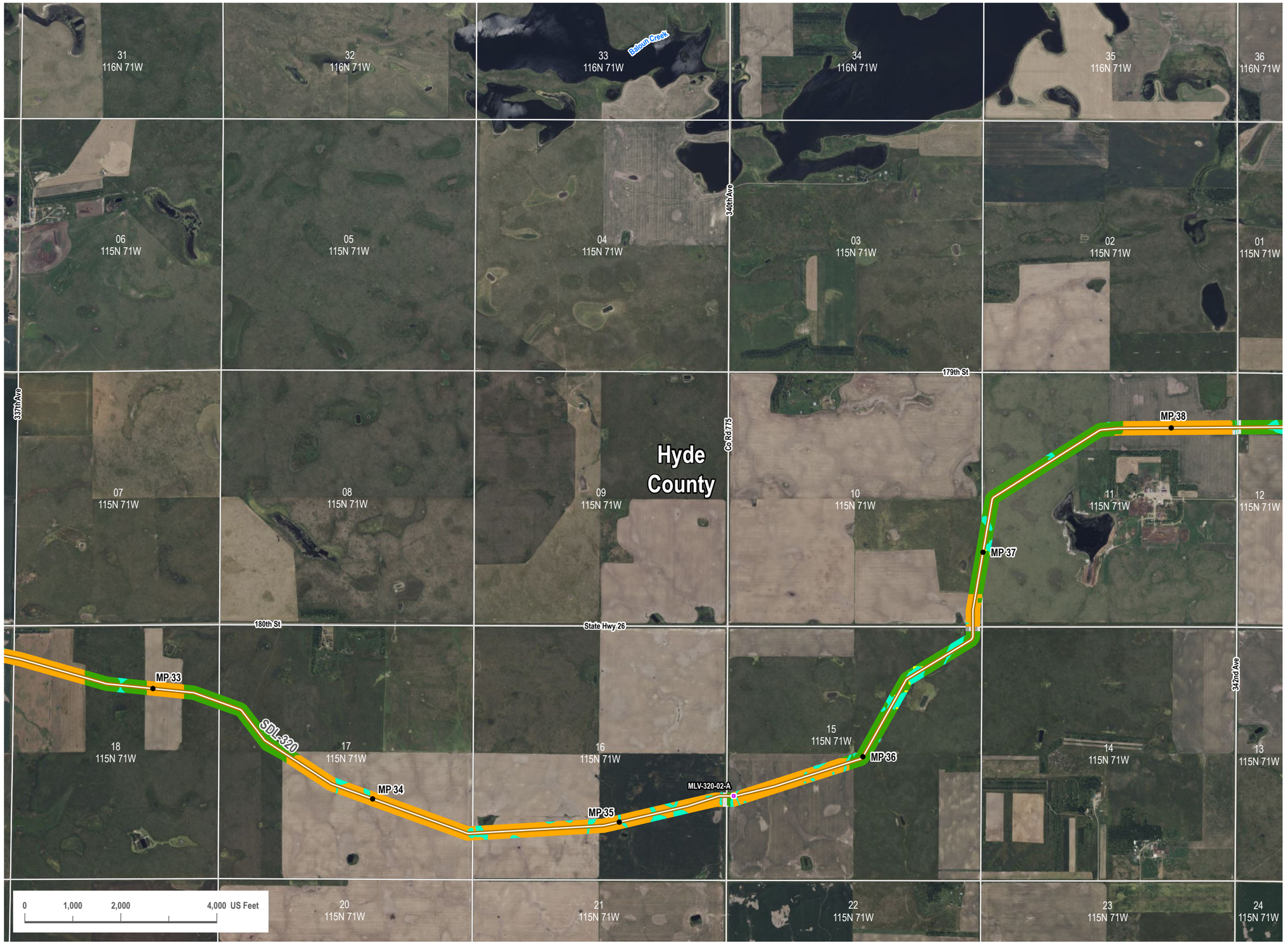
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VICINITY MAP



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Land Use (ARSD 20:10:22:18)

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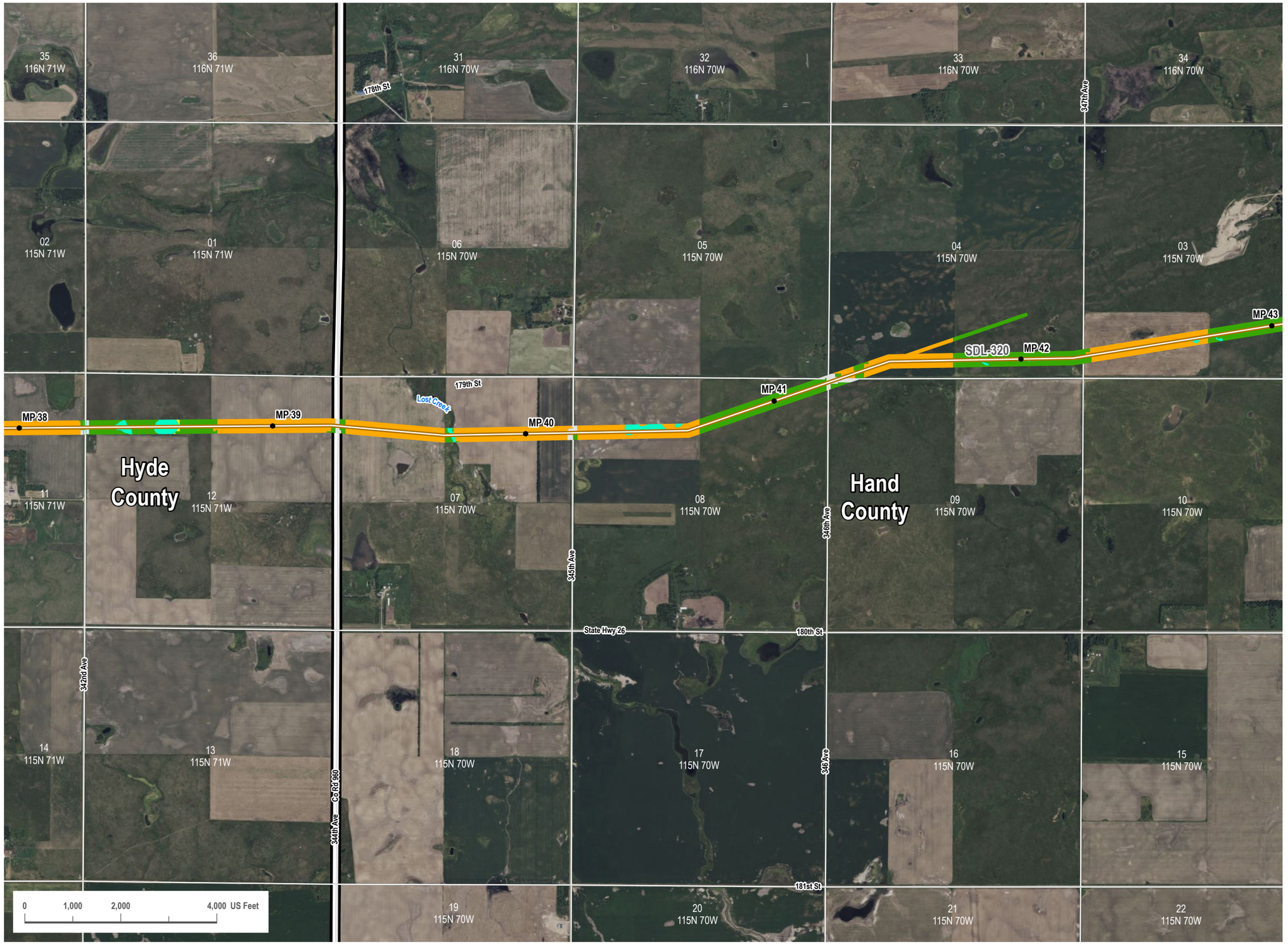
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SD PUC - LAND USE / LAND COVER MAP BOOK - SDL-320



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line
- County Line

Land Use (ARSD 20:10:22:18)

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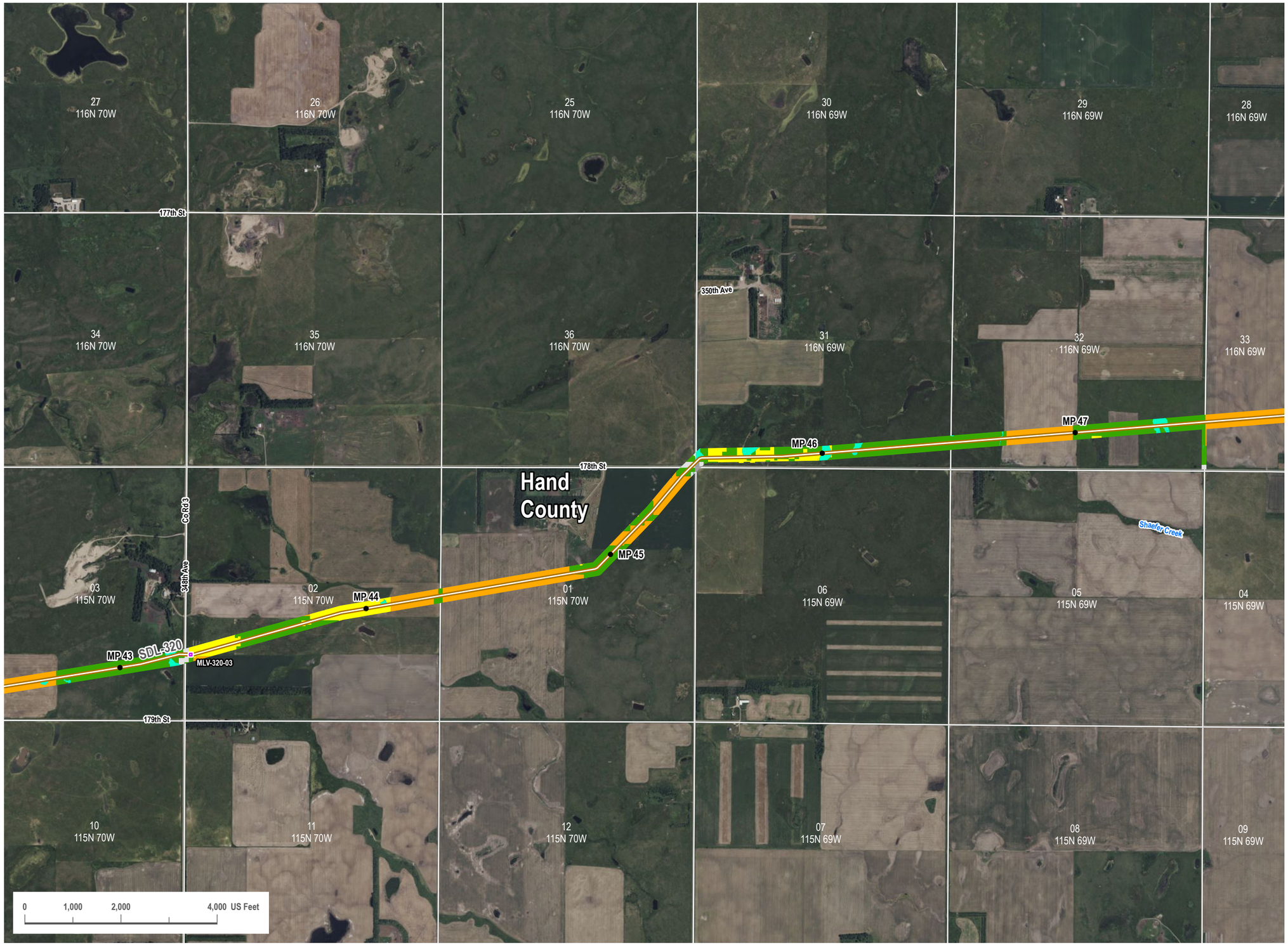
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- Valve
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Land Use (ARSD 20:10:22:18)

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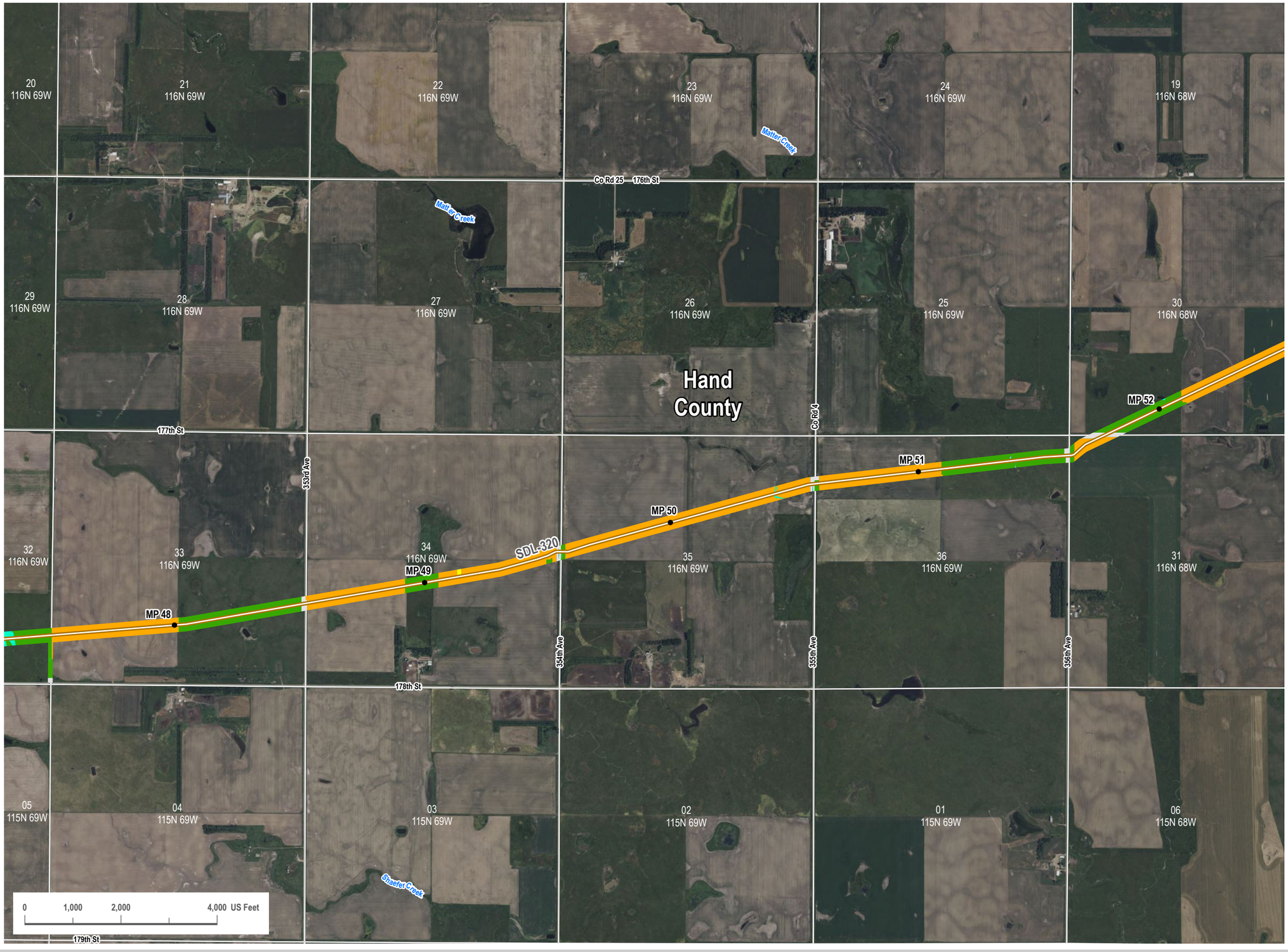
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LEGEND

- Proposed Project Route (2024-10-02)
- Section Line

Land Use (ARSD 20:10:22:18)

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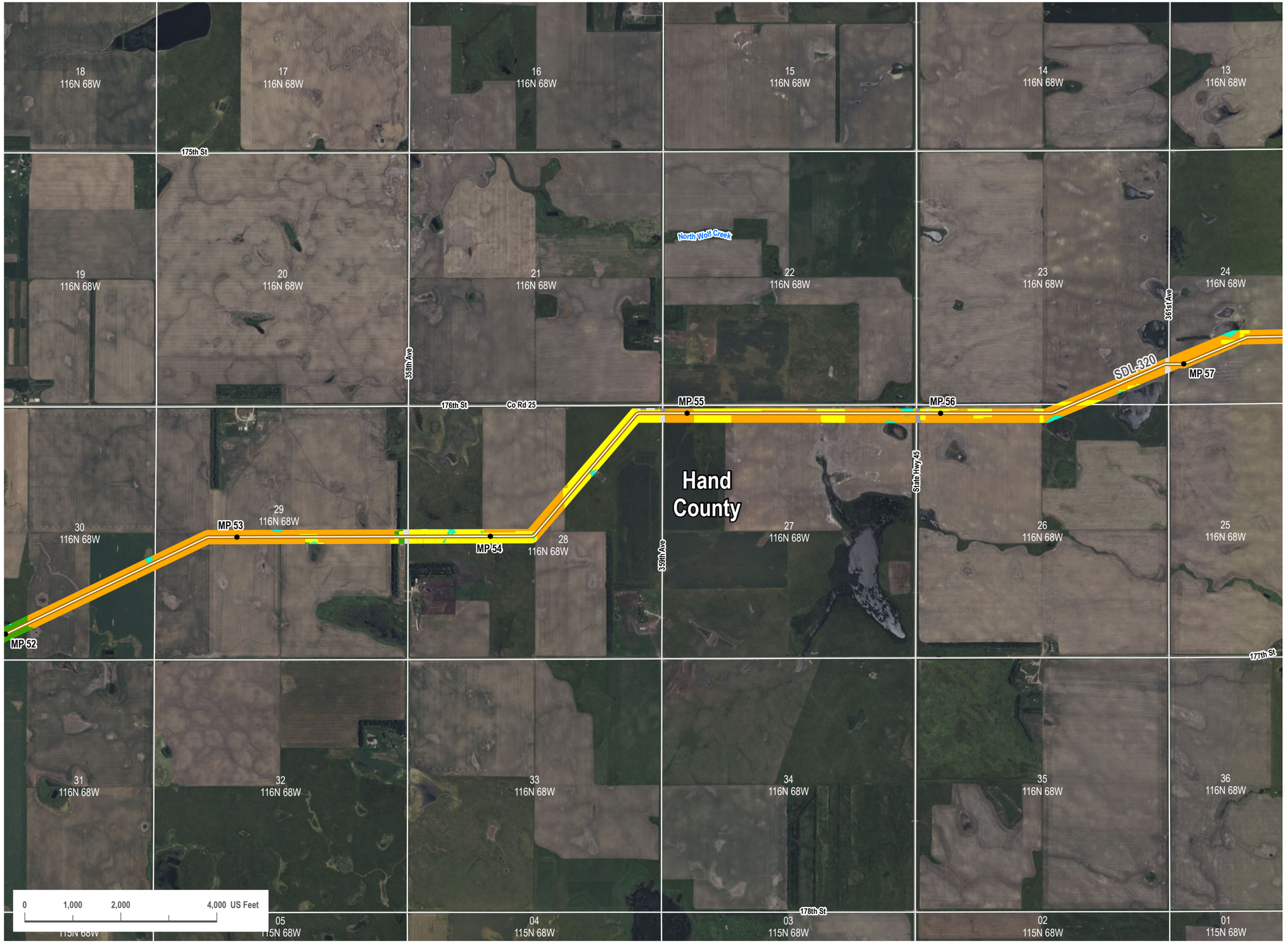
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VICINITY MAP



LEGEND

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- Section Line

Land Use (ARSD 20:10:22:18)

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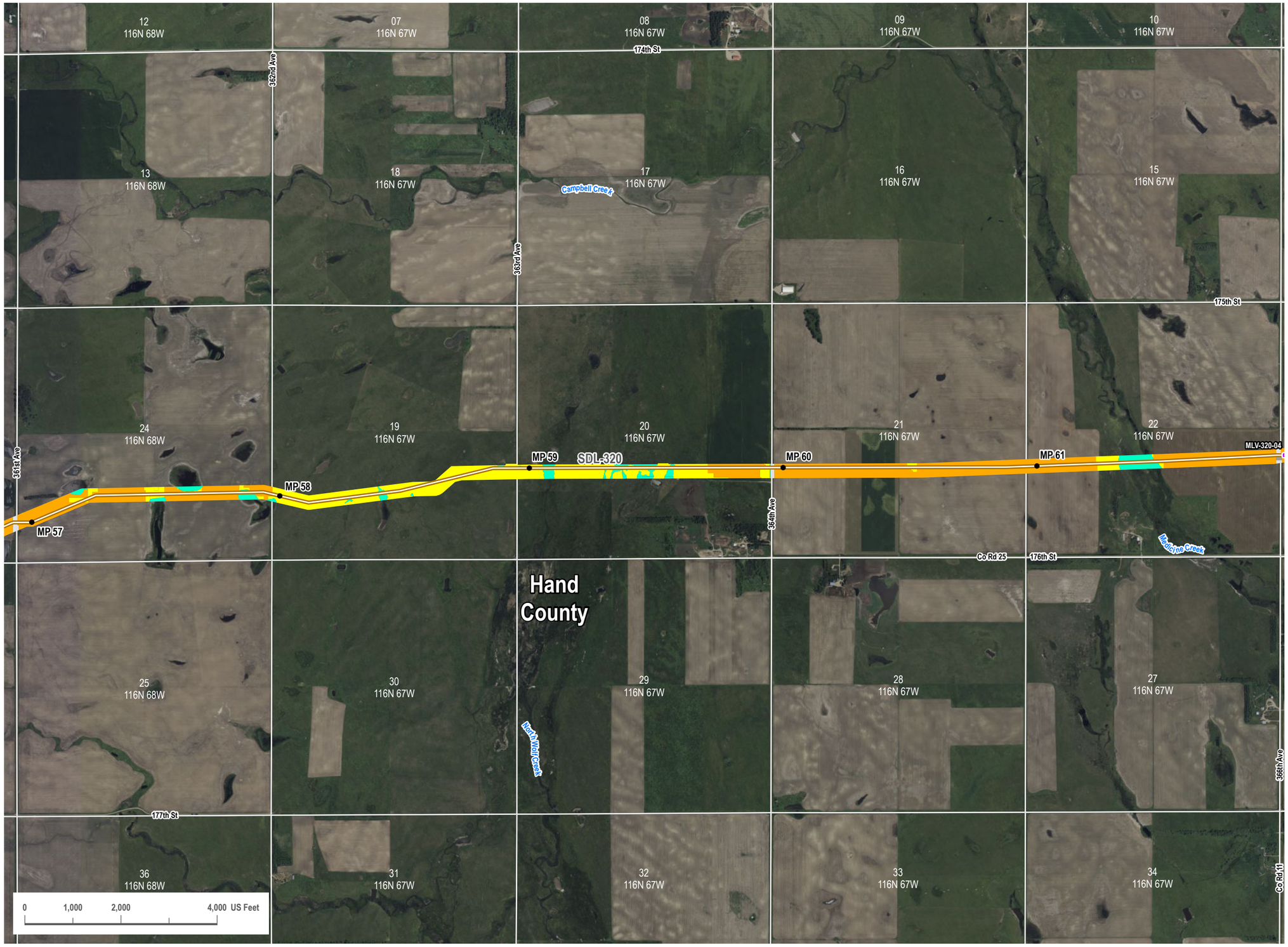
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- Proposed Project Route (2024-10-02)
- Valve
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Palustrine Emergent Wetland

N

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MIDWEST CARBON EXPRESS PROJECT

Figure Title:

SD PUC - Land Use / Land Cover Map Book
SDL-320

Figure Number:

Appendix 5C

Scale:	Projection:
1 : 24,000 1 inch equals 2,000 feet	Transverse Mercator NAD 1983 UTM Zone 14N

Sheet:	Drawing Number:
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SD PUC - LAND USE / LAND COVER MAP BOOK - SDL-320



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line

Land Use (ARSD 20:10:22:18)

- Existing and potential extractive nonrenewable resources
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Public, commercial, and institutional use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Palustrine Emergent Wetland
- Palustrine Forested Wetland

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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line
- County Line

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
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Figure Title:

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SDL-320

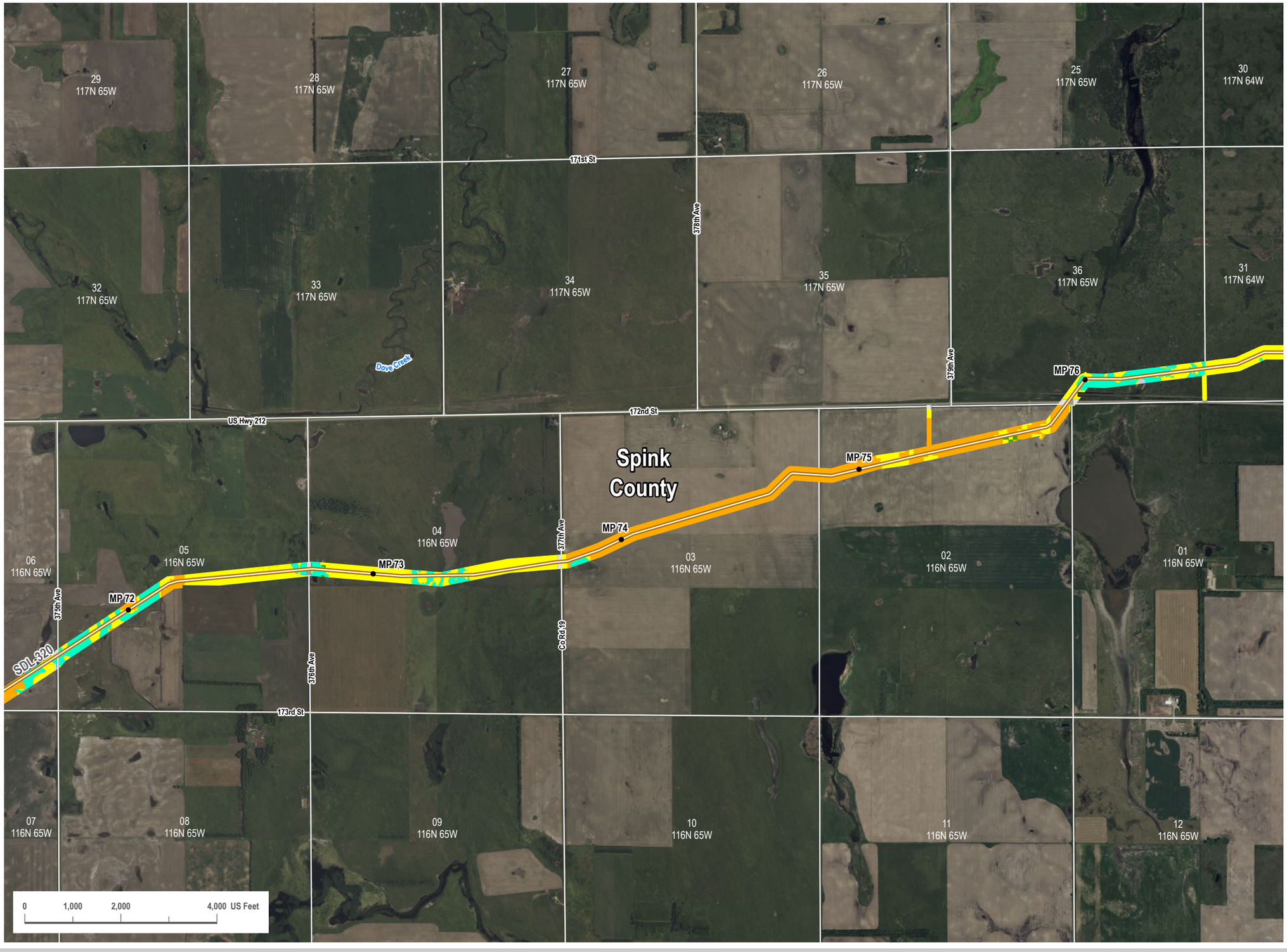
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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
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Scale:	Projection:
1 : 24,000 1 inch equals 2,000 feet	Transverse Mercator NAD 1983 UTM Zone 14N

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SD PUC - LAND USE / LAND COVER MAP BOOK - SDL-320/SDL-336/SDT-209



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line

Land Use (ARSD 20:10:22:18)

- Existing and potential extractive nonrenewable resources
- Irrigated lands / water sources for organized rural water systems
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Public, commercial, and institutional use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
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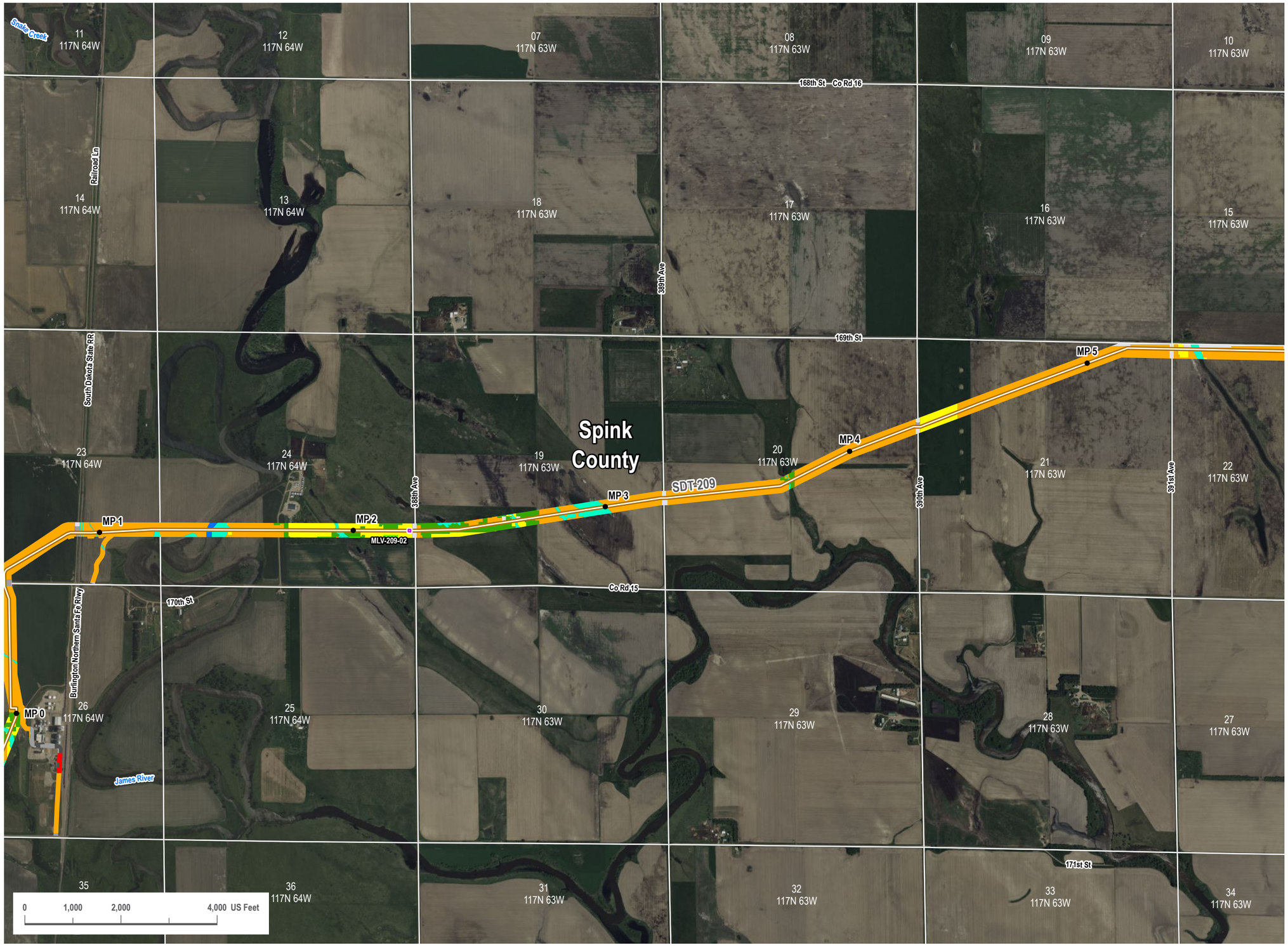
SD PUC - Land Use / Land Cover Map Book
SDL-320/SDL-336/SDT-209

Figure Number:

Appendix 5C

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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line

Land Use (ARSD 20:10:22:18)

- Existing and potential extractive nonrenewable resources
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Potential source for irrigated lands / Public use
- Public Use
- Public, commercial, and institutional use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland
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SDT-209

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Scale:	Projection:
1 : 24,000 1 inch equals 2,000 feet	Transverse Mercator NAD 1983 UTM Zone 14N

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SD PUC - LAND USE / LAND COVER MAP BOOK - SDT-209



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line

Land Use (ARSD 20:10:22:18)

- Existing and potential extractive nonrenewable resources
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands / Public use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
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SD PUC - LAND USE / LAND COVER MAP BOOK - SDL-515



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Potential source for irrigated lands
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland

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MIDWEST CARBON EXPRESS PROJECT

Figure Title:

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SDL-515

Figure Number:

Appendix 5C

Scale:	Projection:
1 : 24,000 1 inch equals 2,000 feet	Transverse Mercator NAD 1983 UTM Zone 14N

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SD PUC - LAND USE / LAND COVER MAP BOOK - SDL-515



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Potential source for irrigated lands
- Public Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Palustrine Emergent Wetland

N

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Figure Number:

Appendix 5C

Scale:	Projection:
1 : 24,000 1 inch equals 2,000 feet	Transverse Mercator NAD 1983 UTM Zone 14N

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SD PUC - LAND USE / LAND COVER MAP BOOK - SDL-515



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line
- Cemetery

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Potential source for irrigated lands / Public use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland

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SDL-515

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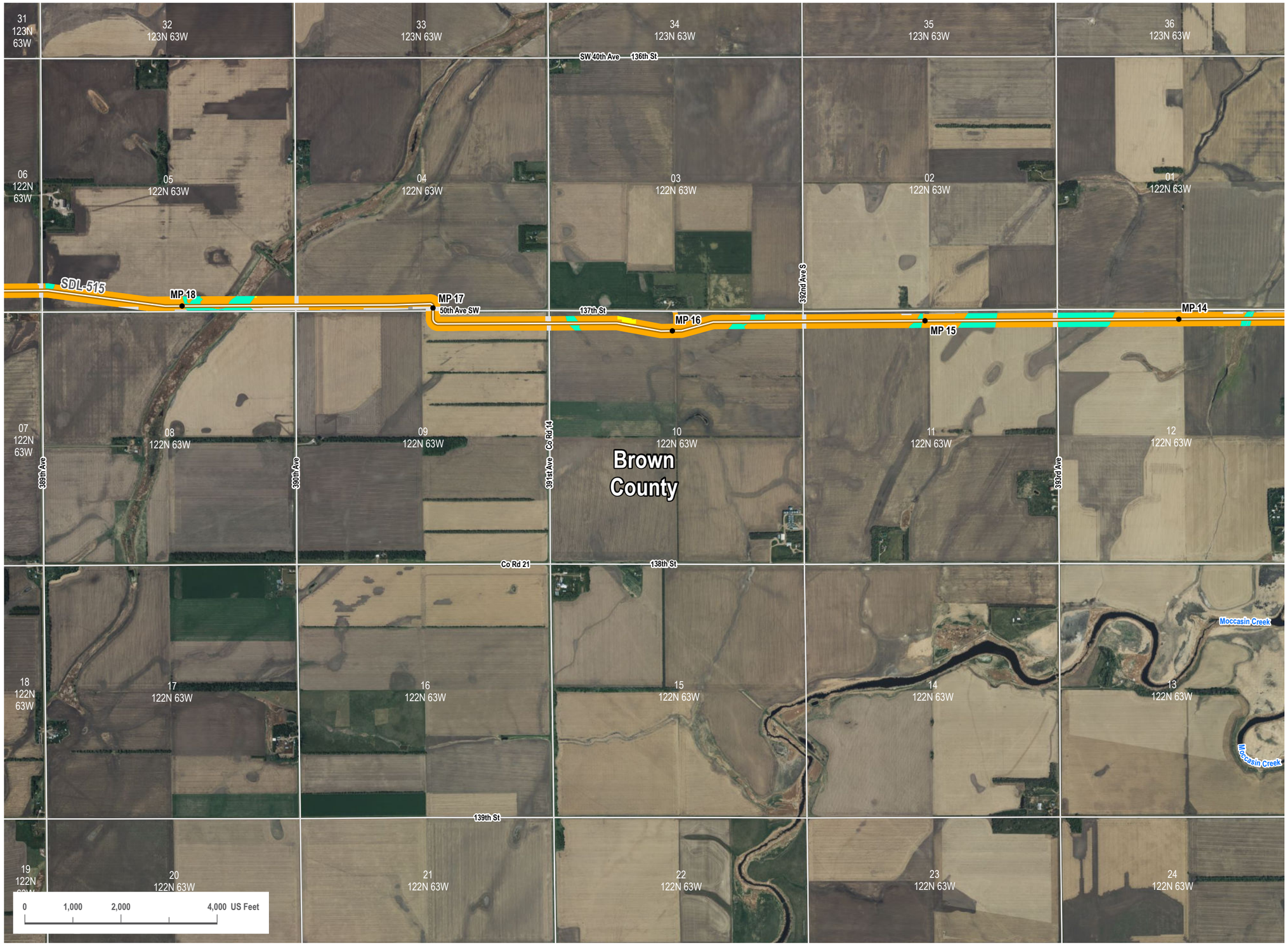
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SD PUC - LAND USE / LAND COVER MAP BOOK - SDL-515



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Palustrine Emergent Wetland

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SDL-515

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SD PUC - LAND USE / LAND COVER MAP BOOK - SDL-515



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands / Public use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
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SDL-515

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SD PUC - LAND USE / LAND COVER MAP BOOK - SDT-210/SDL-515



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Public, commercial, and institutional use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Palustrine Emergent Wetland

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SDT-210/SDL-515

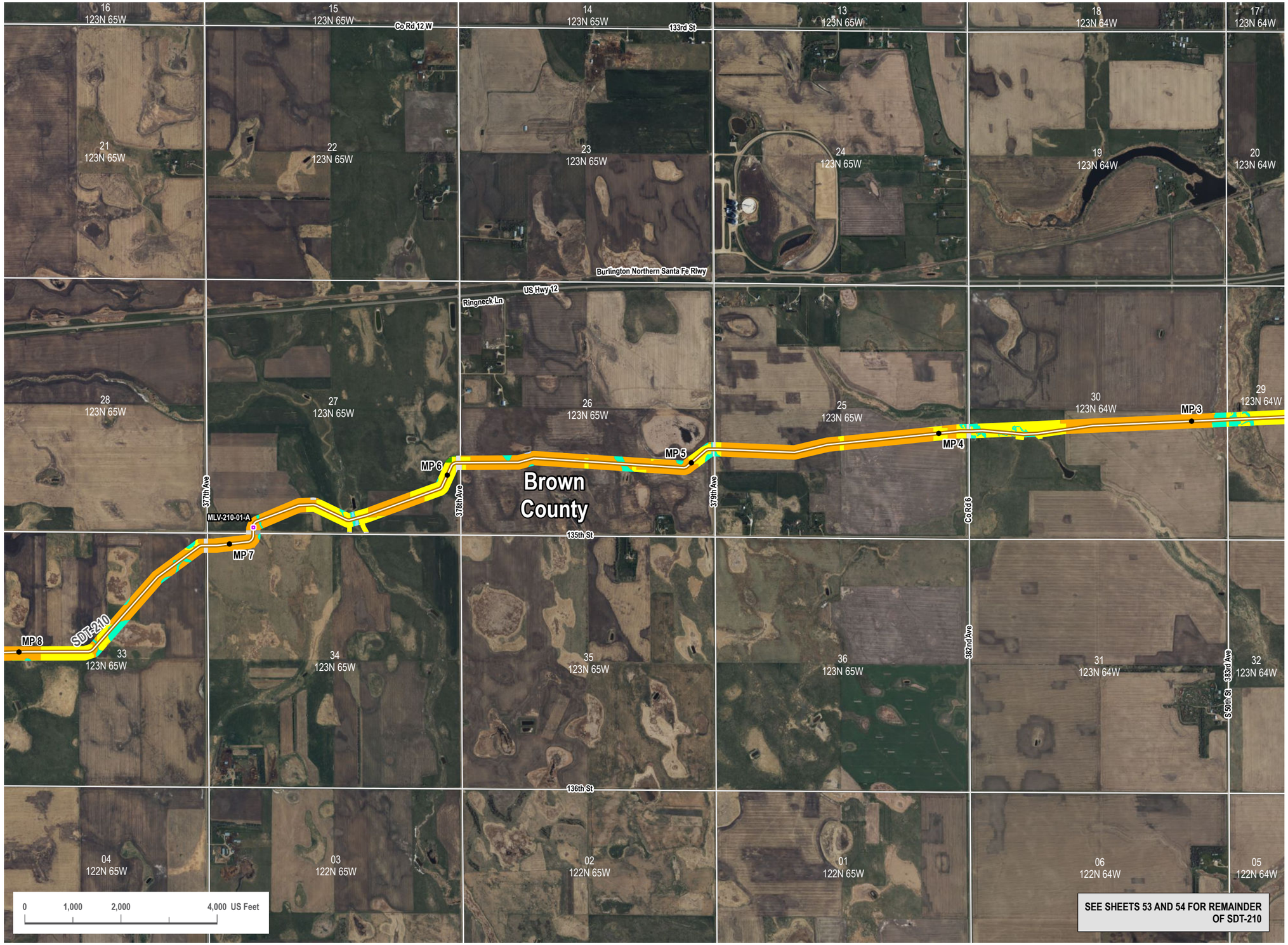
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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland

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Figure Title:

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SDT-210

Figure Number:

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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line
- State Line
- County Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Potential source for irrigated lands / Public use
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
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Figure Title:

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NDT-211

Figure Number:

Appendix 5C

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SD PUC - LAND USE / LAND COVER MAP BOOK - NDT-211



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line
- State Line
- County Line

Land Use (ARSD 20:10:22:18)

- Irrigated lands / water sources for organized rural water systems
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- Potential source for irrigated lands
- Rural residences and farmsteads, family farms, and ranches / Residential / Noise Sensitive Land Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland

N

REVISIONS

Date:	Revised by:	Checked by:
2024-10-11	PD	JS

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Date:	Revised by:	Checked by:

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PREPARED BY

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SUMMIT CARBON SOLUTIONS

MIDWEST CARBON EXPRESS PROJECT

Figure Title:

SD PUC - Land Use / Land Cover Map Book
NDT-211

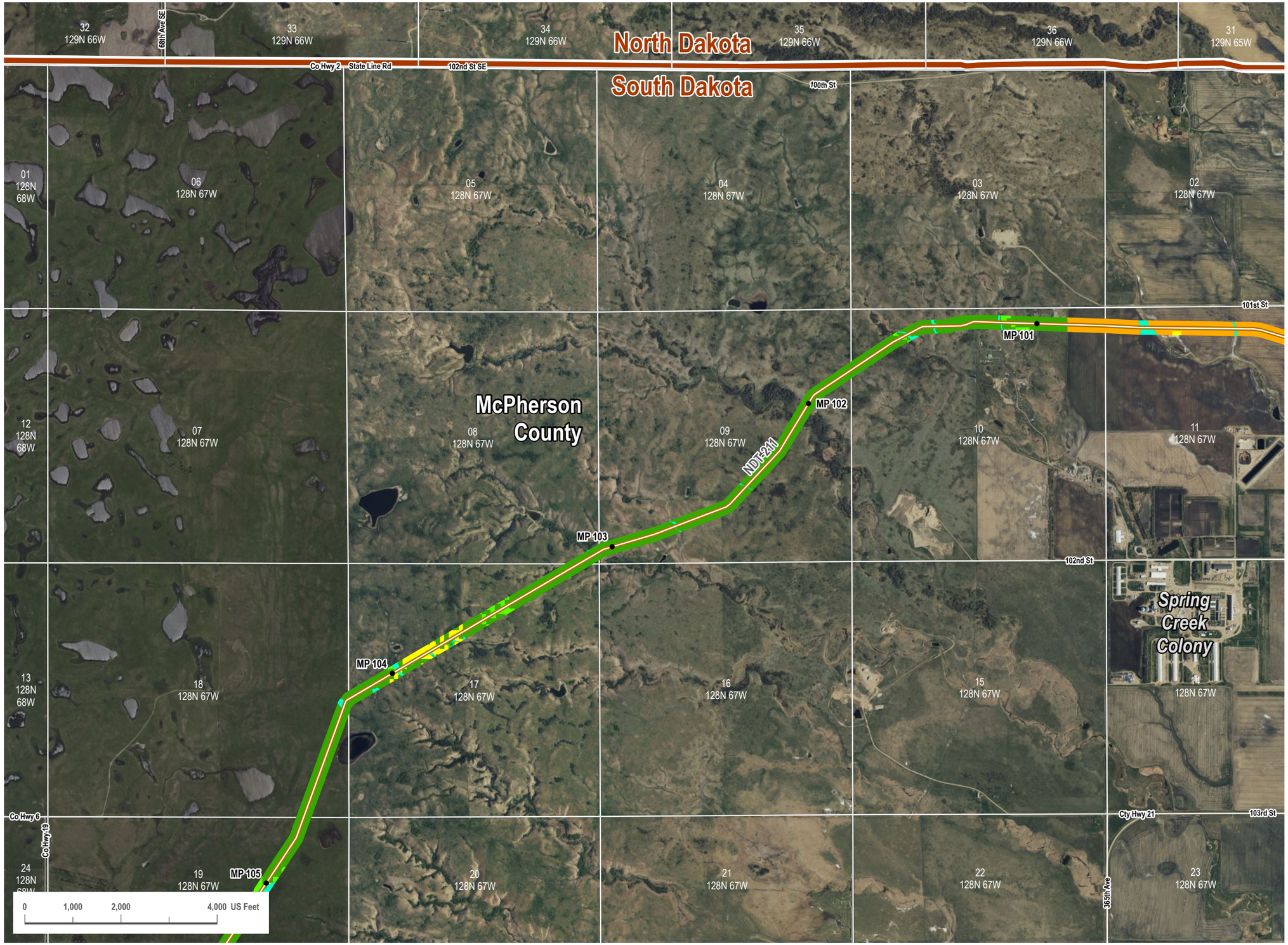
Figure Number:

Appendix 5C

Scale:	Projection:
1 : 24,000 1 inch equals 2,000 feet	Transverse Mercator NAD 1983 UTM Zone 14N

Sheet:	Drawing Number:
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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line
- State Line
- County Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Public Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland
- Palustrine Forested Wetland

N

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VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
- Pasturelands and rangelands / Haylands
- Potential source for irrigated lands
- Public Use
- Rural residences and farmsteads, family farms, and ranches / Residential / Public use / Noise Sensitive Land Use
- Undisturbed native grasslands
- Palustrine Emergent Wetland

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SD PUC - LAND USE / LAND COVER MAP BOOK - NDT-211



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Section Line

Land Use (ARSD 20:10:22:18)

- Land used primarily for row and non-row crops in rotation
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SD PUC - LAND USE / LAND COVER MAP BOOK - NDT-211



VICINITY MAP



LEGEND

- Proposed Project Route (2024-10-02)
- Valve
- Section Line

Land Use (ARSD 20:10:22:18)

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