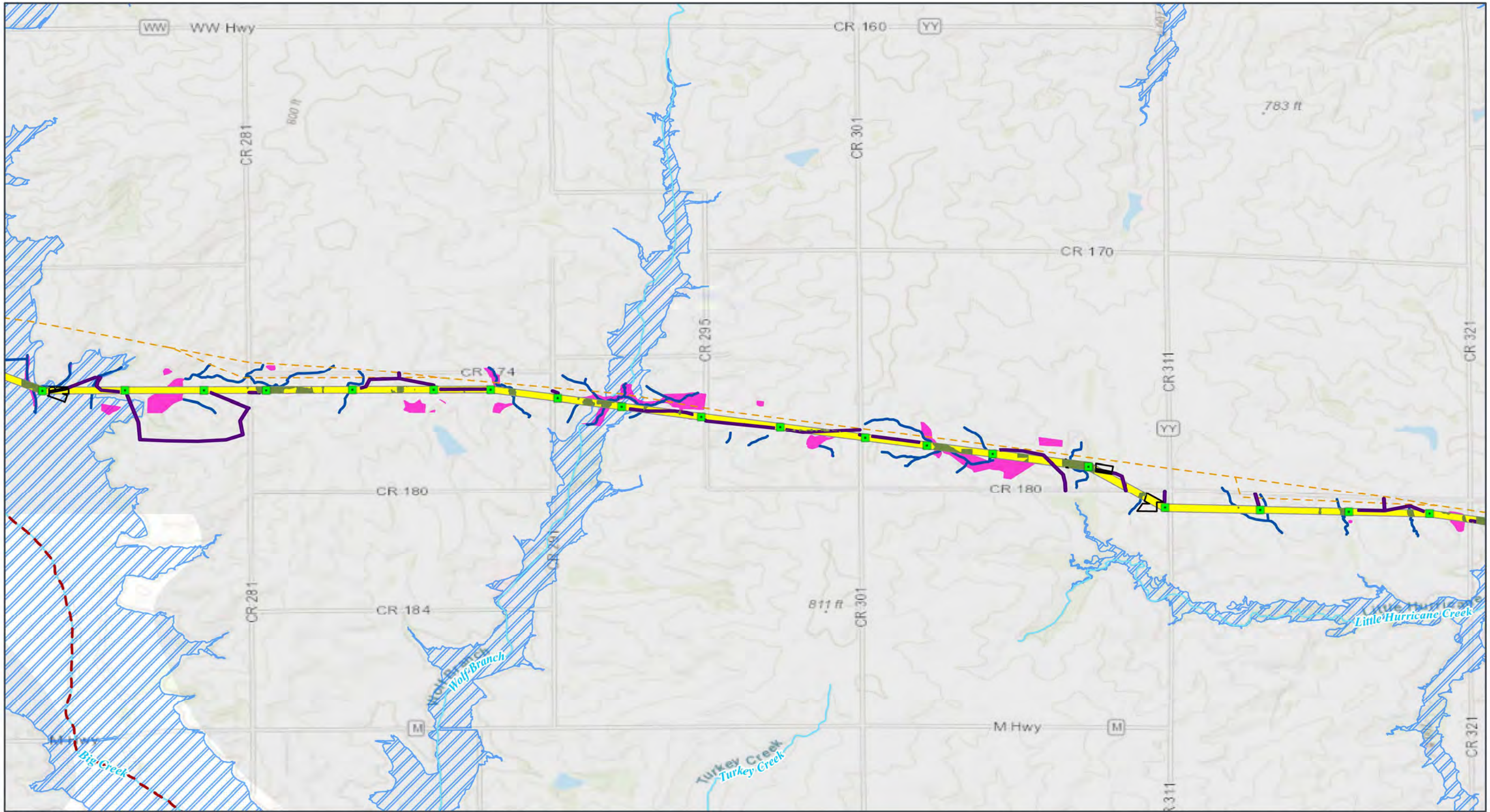


Grain Belt Express Transmission Line Environmental Impact Statement

Appendix 1.1: Map Book

Continued

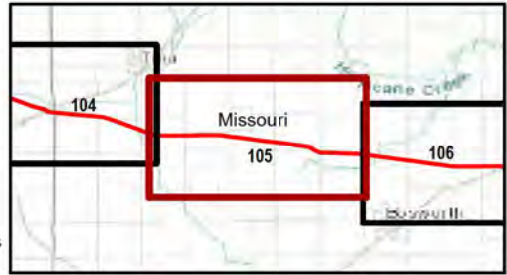


GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
Resource Map Book
Map 105 of 127

- Transmission Structure
- Habitat Conversion
- Access Road
- Pull Site/Tension Site
- ROW

- Existing Pipeline
- County Boundary
- State Boundary
- Surface Management Agency**
- Private or Unknown

- Hydrology**
- Delineated Stream
 - Delineated Wetland
 - NHD Stream/River
 - Impaired Waterway (303d)
 - 100-year FEMA Floodplain

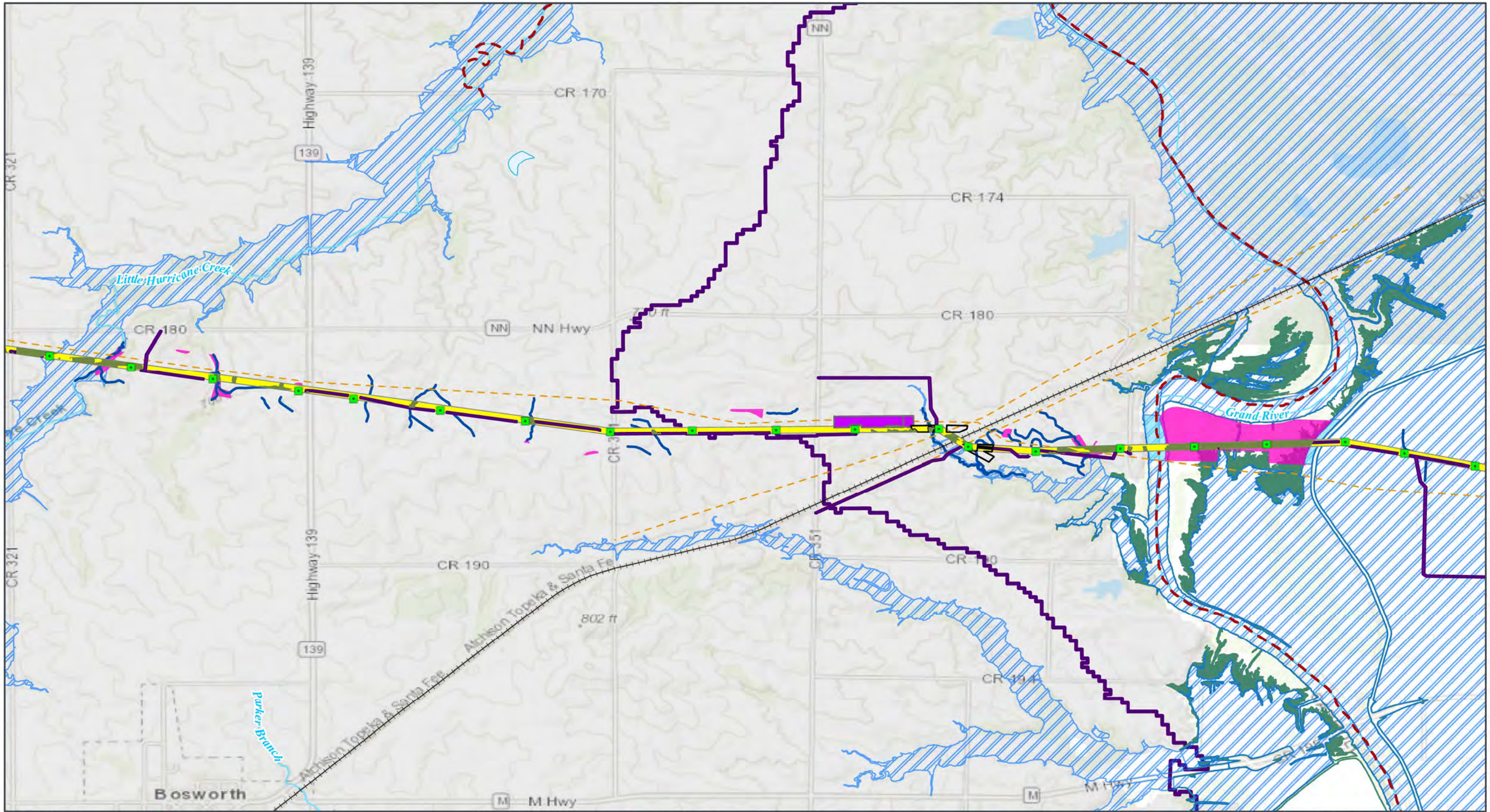


NOTE: In some instances, center pivots appear as ovals due to map projection.

Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

1:24,000

Base Map: Esri ArcGIS Online, accessed January 2025
Updated: 1/6/2025
Project No.: 60694559
Layout: DEIS Mapbook 24k
Apr: DEIS_MapBook_24k



GRAIN BELT EXPRESS TRANSMISSION LINE PROJECT
Resource Map Book
 Map 106 of 127

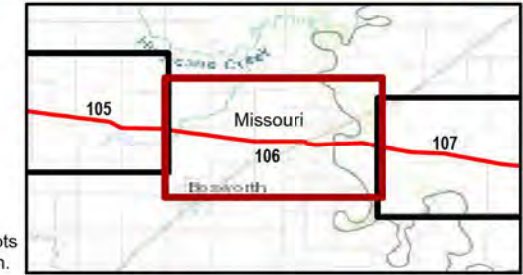


- Transmission Structure
- Habitat Conversion
- Access Road
- Helipad / Fly Yard
- Pull Site/Tension Site
- ROW

- Existing Pipeline
- County Boundary
- State Boundary
- Surface Management Agency Private or Unknown

- Hydrology**
- Delineated Stream
 - Delineated Wetland
 - Delineated Waterbody
 - NHD Stream/River
 - Impaired Waterway (303d)

- NHD Waterbody
- 100-year FEMA Floodplain
- 500-year FEMA Floodplain
- Sensitive Biological Resources MO Conservation Opportunity Area
- + + + Railroad

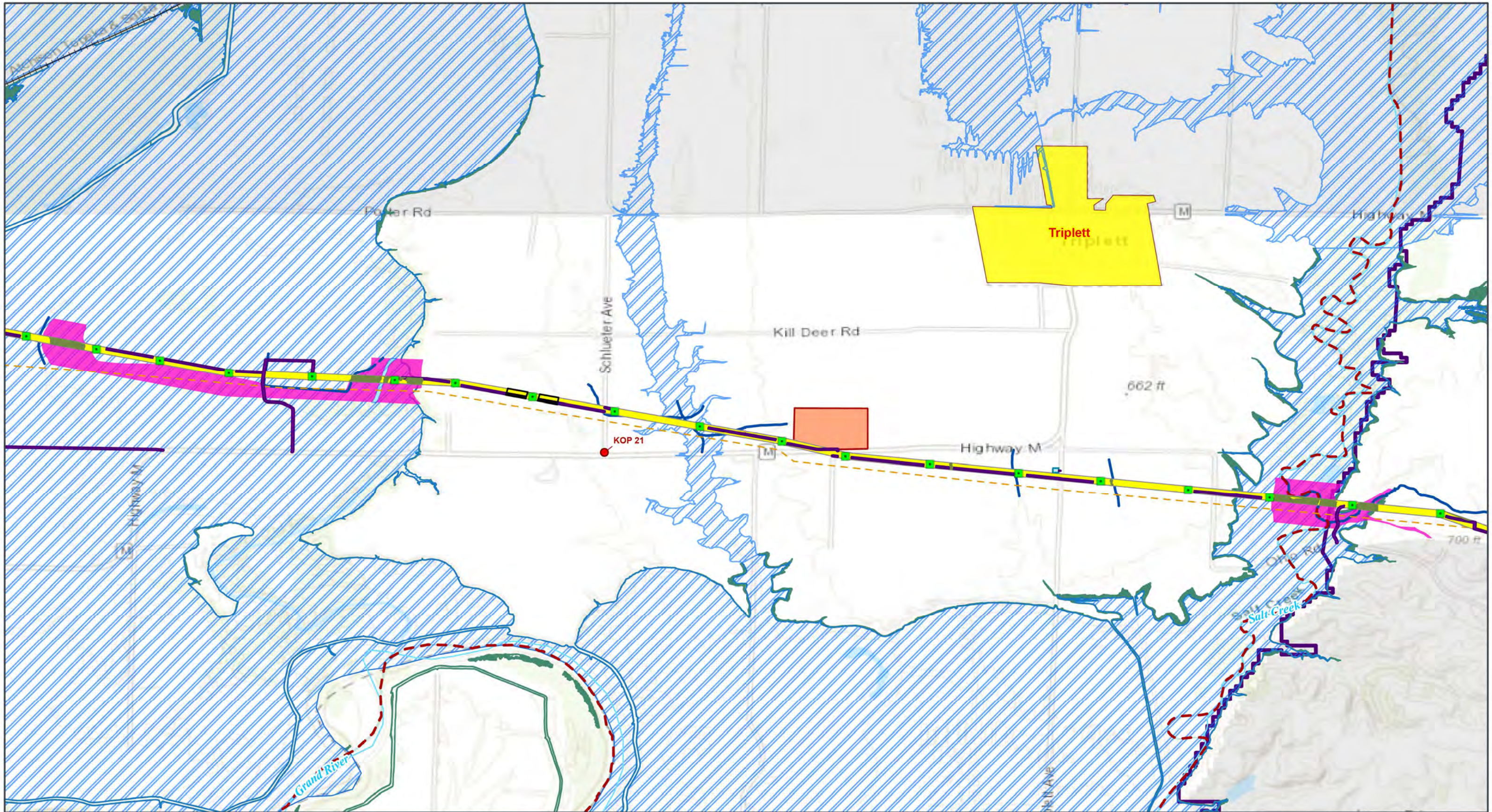


Kansas and Missouri
 GCS North American 1983
 38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online, accessed January 2025
 Updated: 1/6/2025
 Project No. 60694559
 Layout: DEIS Mapbook 24k
 Apr: DEIS_MapBook_24k

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NOTE: In some instances, center pivots appear as ovals due to map projection.



GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
Resource Map Book
Map 107 of 127

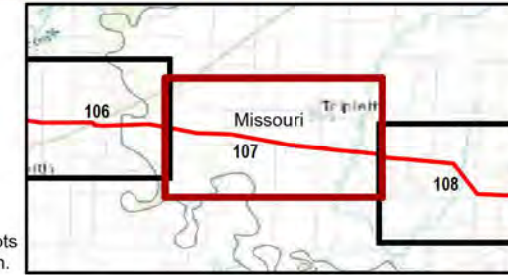


- Transmission Structure
- Habitat Conversion
- Laydown Yard
- Access Road
- Optical Regeneration
- OPGW Access
- Pull Site/Tension Site

- ROW
- Existing Pipeline
- County Boundary
- State Boundary
- Municipal Boundary Near the Project
- Surface Management Agency
Private or Unknown

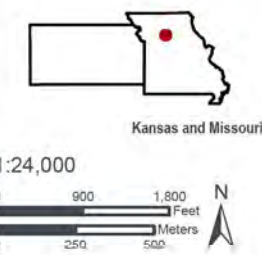
- Hydrology**
- Delineated Stream
 - Delineated Wetland
 - Delineated Waterbody
 - NHD Stream/River
 - Impaired Waterway (303d)
 - 100-year FEMA Floodplain
 - 500-year FEMA Floodplain

- Sensitive Biological Resources**
- MO Conservation Opportunity Area
- Cultural and Scenic Resources**
- Key Observation Point (KOP) Location
 - ++ Railroad

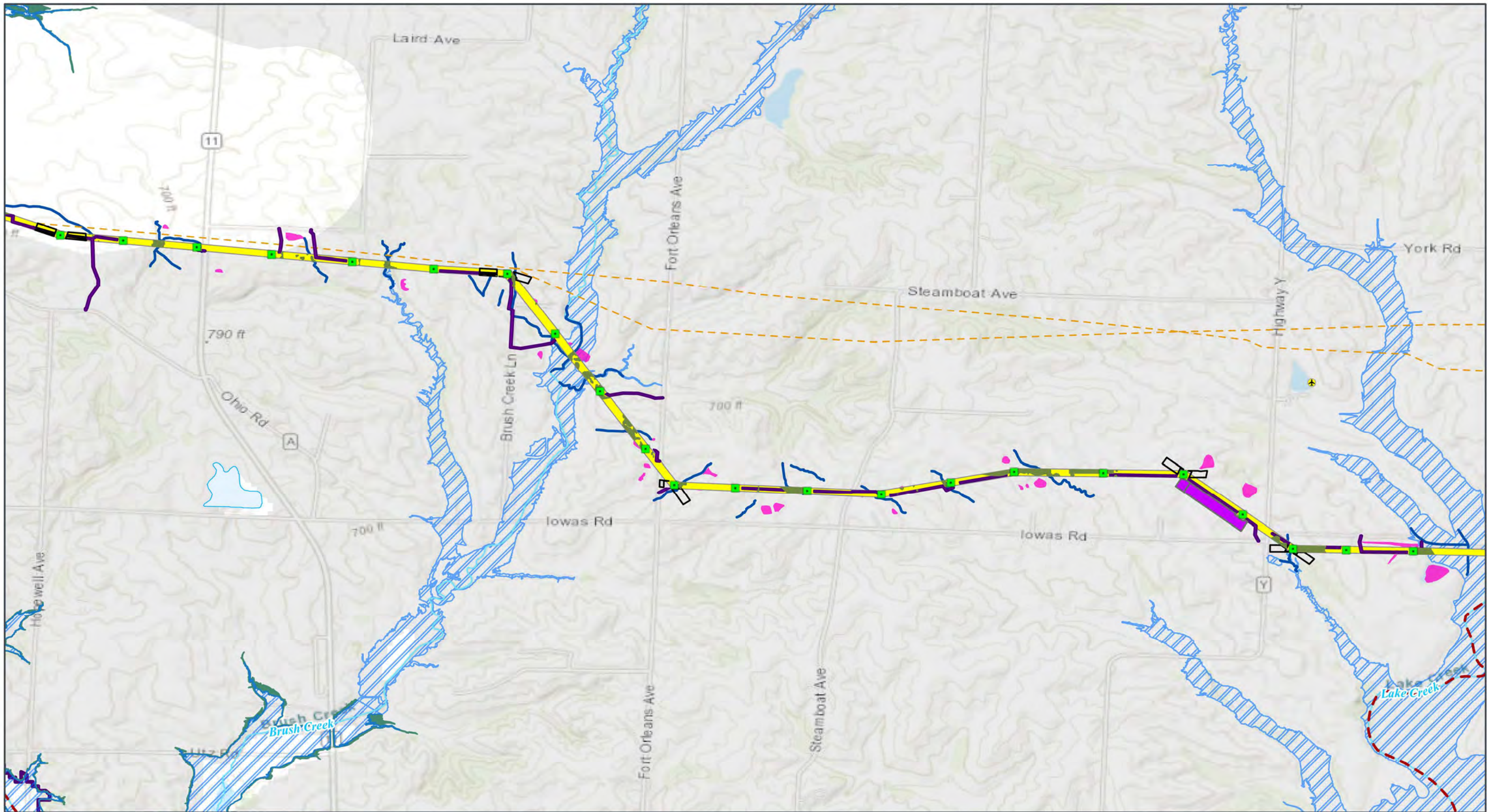


Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online,
accessed January 2025
Updated: 1/6/2025
Project No. 60694559
Layout: DEIS Mapbook 24k
Apr: DEIS_MapBook_24k



NOTE: In some instances, center pivots appear as ovals due to map projection.



GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
Resource Map Book
Map 108 of 127

- | | | | |
|------------------------|----------------------------------|--------------------------|---------------------------------------|
| Transmission Structure | ROW | Hydrology | 100-year FEMA Floodplain |
| Habitat Conversion | Existing Pipeline | Delineated Stream | 500-year FEMA Floodplain |
| Access Road | County Boundary | Delineated Wetland | Sensitive Biological Resources |
| Helipad / Fly Yard | State Boundary | NHD Stream/River | MO Conservation Opportunity Area |
| Pull Site/Tension Site | Surface Management Agency | Impaired Waterway (303d) | Airport/Heliport |
| | Private or Unknown | NHD Waterbody | |

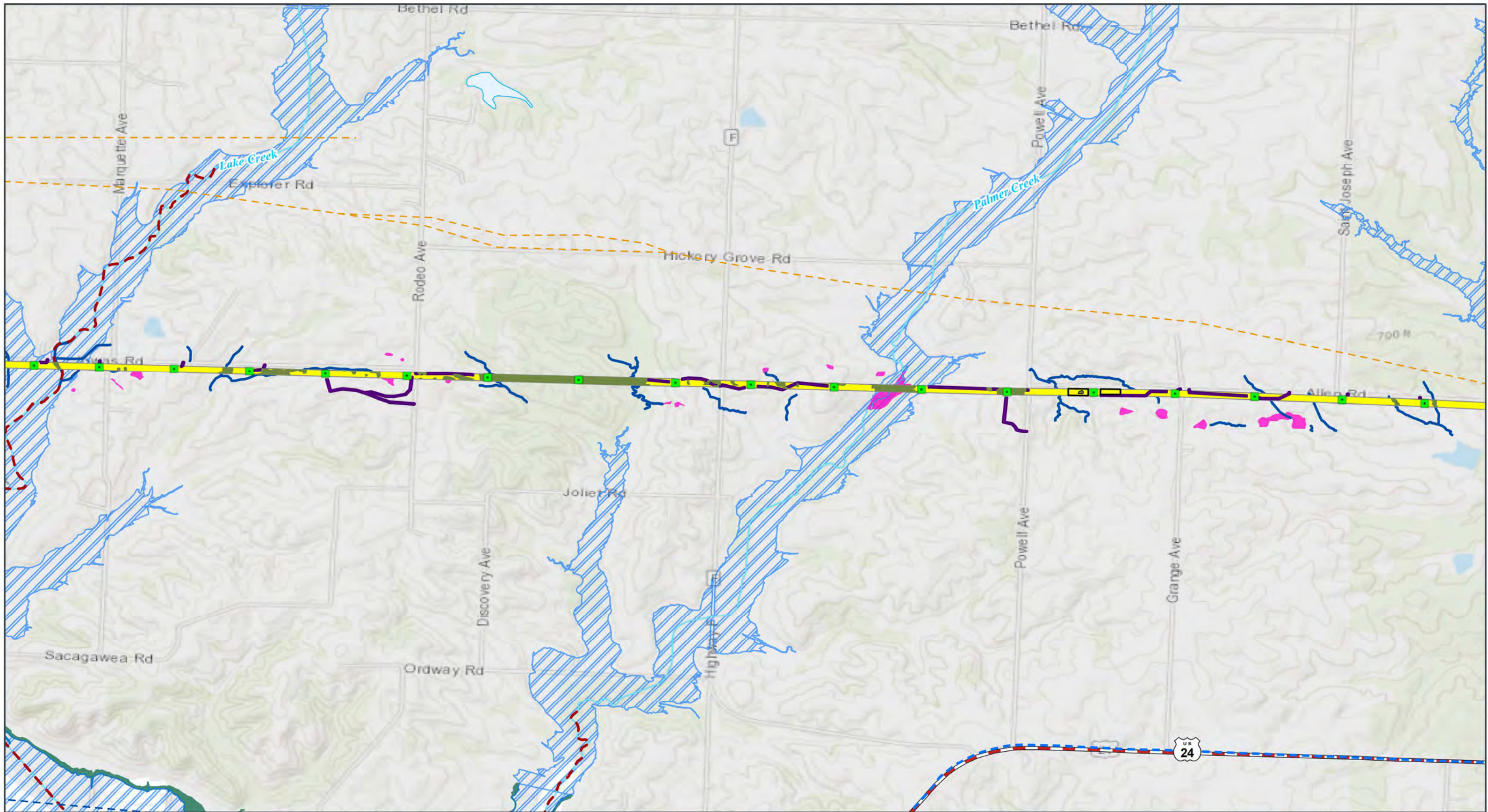


Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

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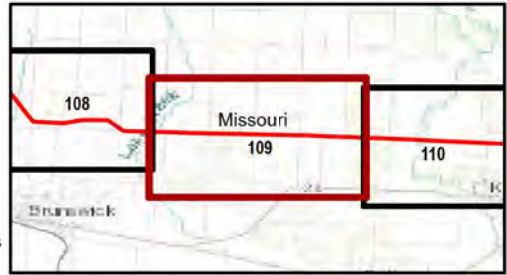
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Project No. 60694559
Layout: DEIS Mapbook_24k
Apr: DEIS_MapBook_24k

NOTE: In some instances, center pivots appear as ovals due to map projection.



GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
Resource Map Book
Map 109 of 127

- | | | | |
|--|---|--|---|
| <ul style="list-style-type: none"> Transmission Structure Habitat Conversion Access Road Pull Site/Tension Site ROW | <ul style="list-style-type: none"> Transmission Lines (115kV or Higher) Existing Pipeline County Boundary State Boundary Surface Management Agency
Private or Unknown | <p>Hydrology</p> <ul style="list-style-type: none"> Delineated Stream Delineated Wetland Delineated Waterbody NHD Stream/River Impaired Waterway (303d) NHD Waterbody | <ul style="list-style-type: none"> 100-year FEMA Floodplain 500-year FEMA Floodplain <p>Cultural and Scenic Resources</p> <ul style="list-style-type: none"> Lewis and Clark National Historic Trail Auto Route <p>Transportation</p> <ul style="list-style-type: none"> U.S. Highway |
|--|---|--|---|

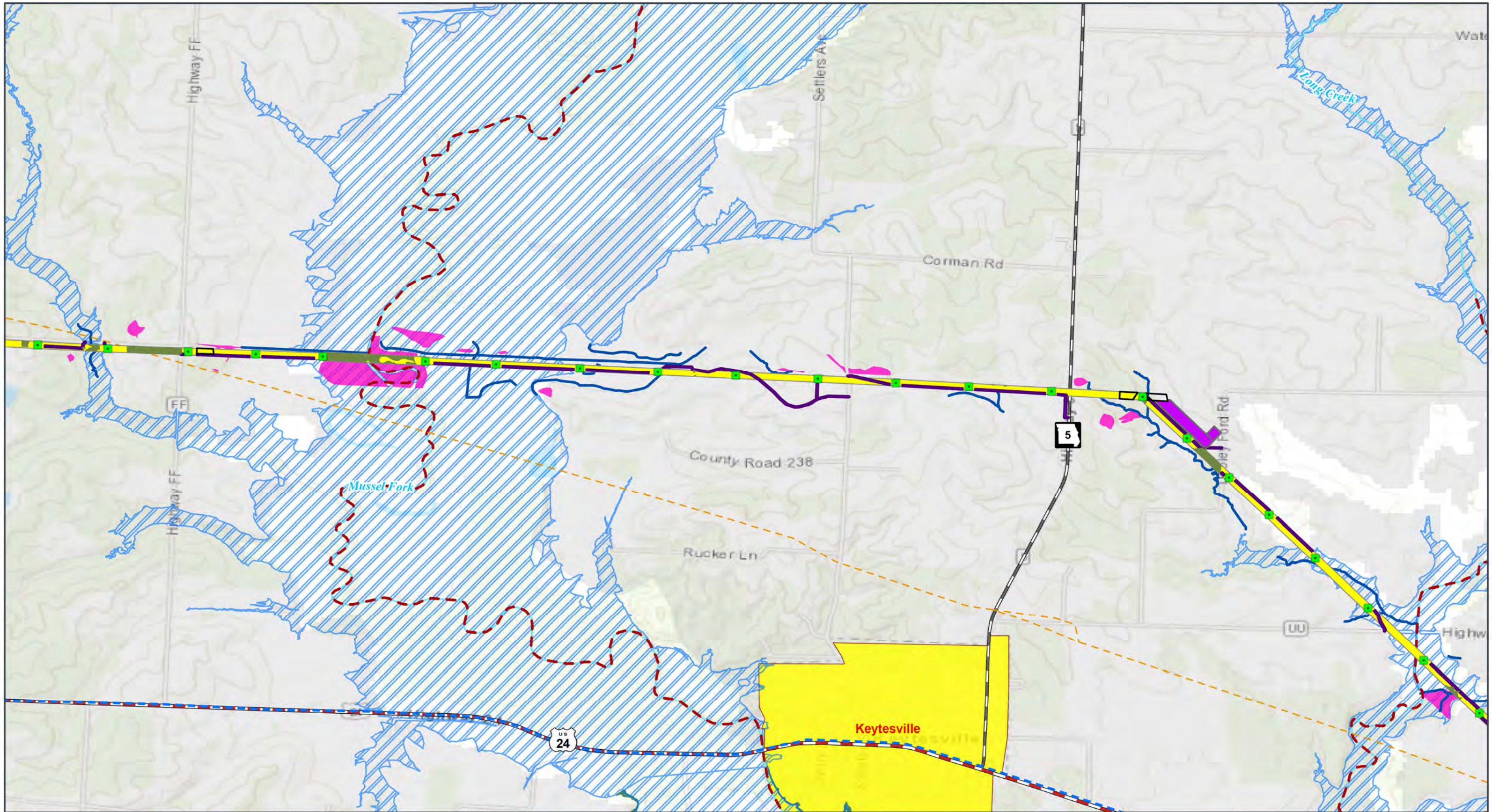


Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

1:24,000

Base Map: Esri ArcGIS Online, accessed January 2025
Updated: 1/6/2025
Project No. 60694559
Layout: DEIS Mapbook_24k
Apr: DEIS_MapBook_24k

NOTE: In some instances, center pivots appear as ovals due to map projection.



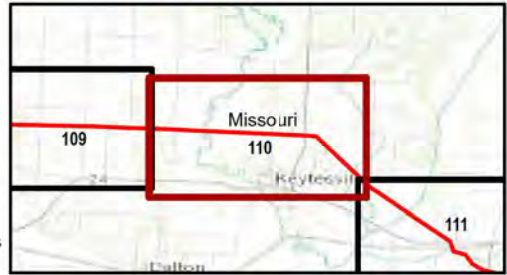
GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
Resource Map Book
Map 110 of 127

- Transmission Structure
- Habitat Conversion
- Access Road
- Helipad / Fly Yard
- Pull Site/Tension Site
- ROW

- Existing Pipeline
- County Boundary
- State Boundary
- Municipal Boundary Near the Project
- Surface Management Agency**
- Private or Unknown

- Hydrology**
- Delineated Stream
 - Delineated Wetland
 - Delineated Waterbody
 - NHD Stream/River
 - Impaired Waterway (303d)
 - 100-year FEMA Floodplain

- 500-year FEMA Floodplain
- Cultural and Scenic Resources**
- Lewis and Clark National Historic Trail Auto Route
- Transportation**
- U.S. Highway
- State Highway

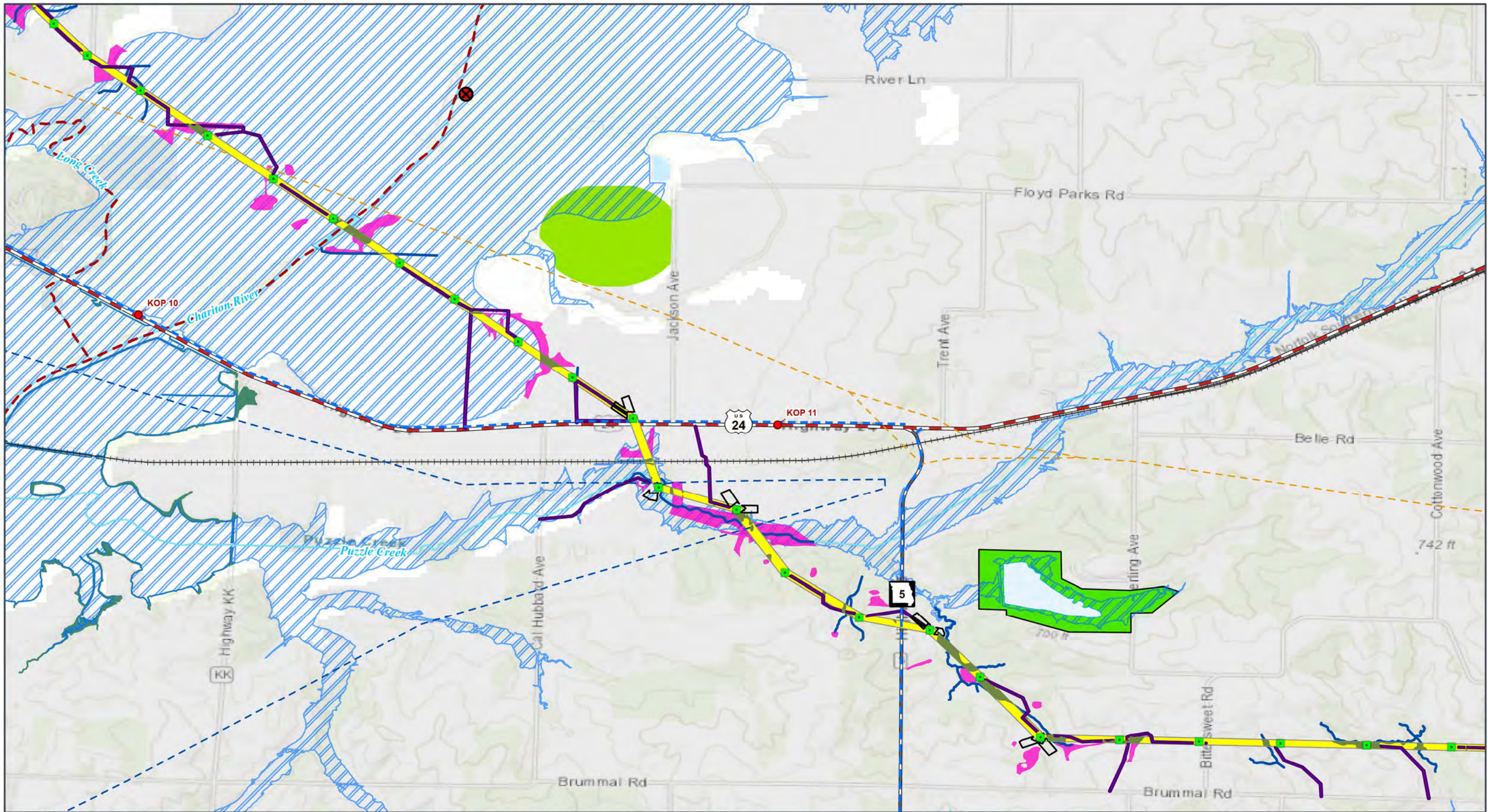


Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

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Base Map: Esri ArcGIS Online, accessed January 2025
Updated: 1/6/2025
Project No. 60694559
Layout: DEIS Mapbook_24k
Apr: DEIS_MapBook_24k

NOTE: In some instances, center pivots appear as ovals due to map projection.



- Transmission Structure
- Habitat Conversion
- Access Road
- Pull Site/Tension Site
- ROW
- Transmission Lines (115kV or Higher)
- Existing Pipeline
- County Boundary
- State Boundary
- Surface Management Agency**
- Private or Unknown
- Hydrology**
- Delineated Stream
- Delineated Wetland
- Delineated Waterbody
- NHD Stream/River
- Impaired Waterway (303d)

- NHD Waterbody
- Center Pivot Irrigation Area
- 100-year FEMA Floodplain
- 500-year FEMA Floodplain
- Sensitive Biological Resources**
- MO Conservation Opportunity Area
- Recreation Area
- ⊗ Bald Eagle Nests

- Cultural and Scenic Resources**
- Key Observation Point (KOP) Location
- Lewis and Clark National Historic Trail Auto Route
- Transportation**
- U.S. Highway
- State Highway
- Railroad

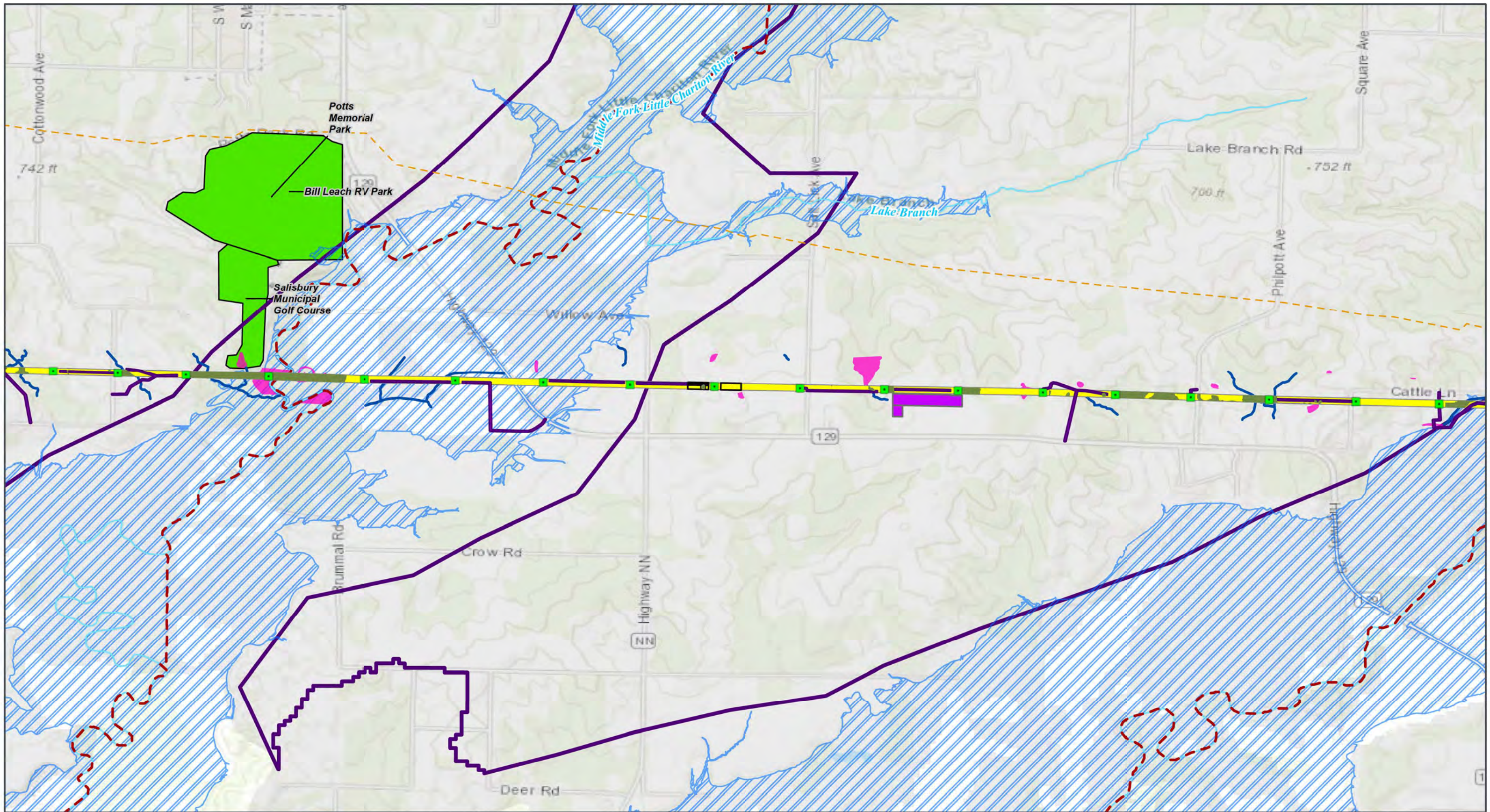


Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

1:24,000

Base Map: Esri ArcGIS Online, accessed January 2025
Updated: 1/6/2025
Project No. 60694559
Layout: DEIS Mapbook_24k
Apr: DEIS_MapBook_24k

NOTE: In some instances, center pivots appear as ovals due to map projection.



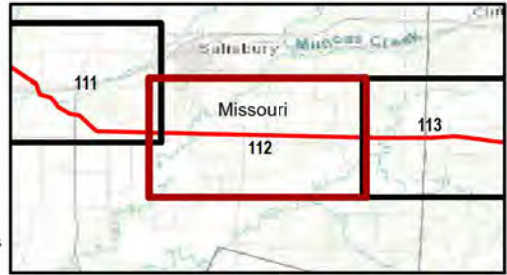
GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
Resource Map Book
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- Transmission Structure
- Habitat Conversion
- Access Road
- Helipad / Fly Yard
- Pull Site/Tension Site

- ROW
- Existing Pipeline
- County Boundary
- State Boundary
- Surface Management Agency**
- Private or Unknown

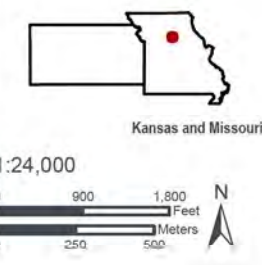
- Hydrology**
- Delineated Stream
 - Delineated Wetland
 - Delineated Waterbody
 - NHD Stream/River
 - Impaired Waterway (303d)

- 100-year FEMA Floodplain
- Sensitive Biological Resources**
- MO Conservation Opportunity Area
- Recreation Area

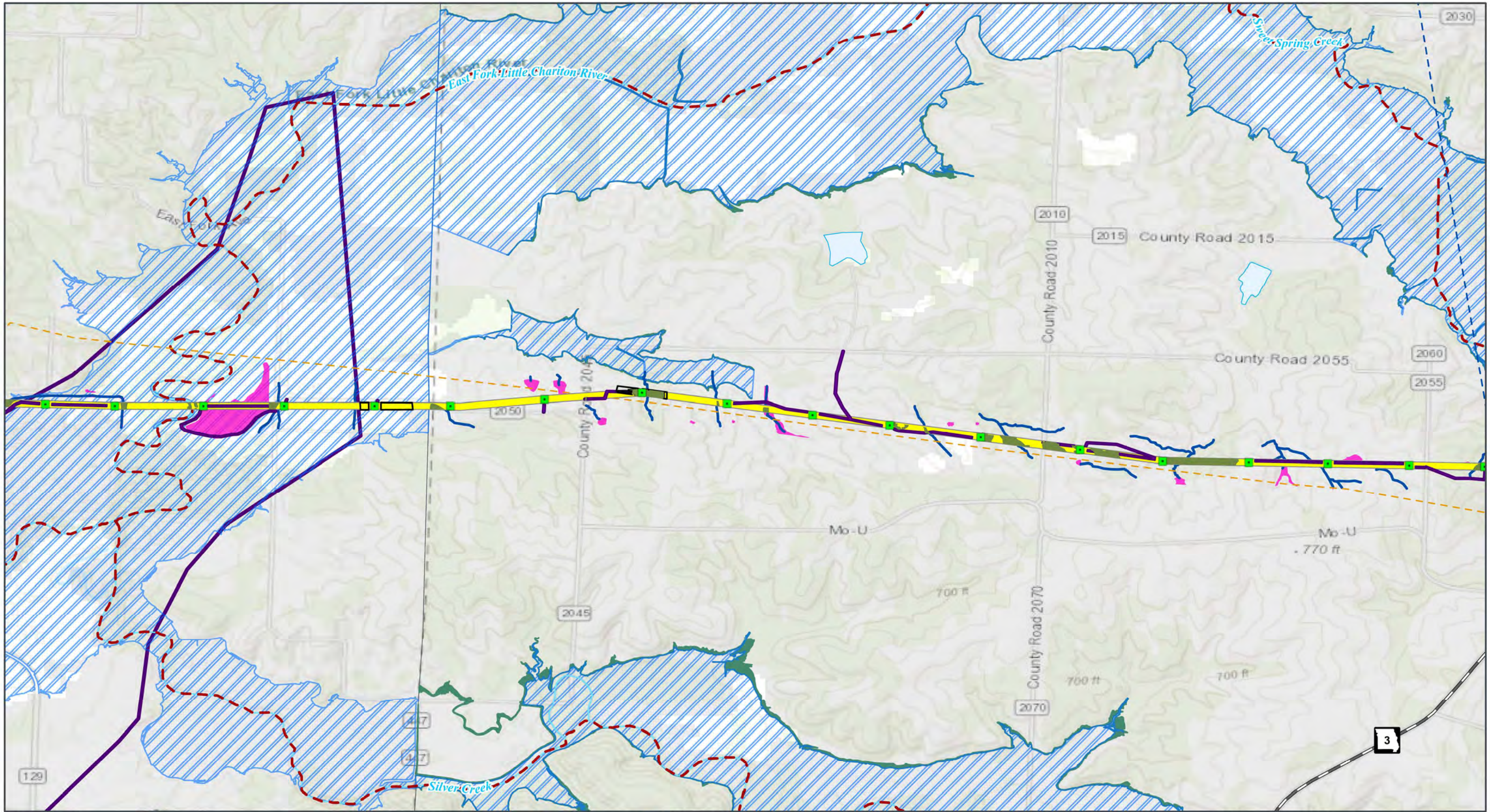


Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online,
accessed January 2025
Updated: 1/6/2025
Project No. 60694559
Layout: DEIS Mapbook_24k
Apr: DEIS_MapBook_24k



NOTE: In some instances, center pivots appear as ovals due to map projection.

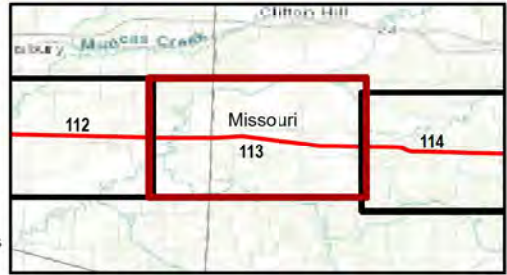


GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
Resource Map Book
Map 113 of 127

- | | | | |
|---|---|--|--|
| <ul style="list-style-type: none"> ■ Transmission Structure ■ Habitat Conversion ■ Access Road Pull Site/Tension Site ROW | <ul style="list-style-type: none"> --- Transmission Lines (115kV or Higher) --- Existing Pipeline County Boundary State Boundary Surface Management Agency
Private or Unknown | <p>Hydrology</p> <ul style="list-style-type: none"> — Delineated Stream — Delineated Wetland — Delineated Waterbody — NHD Stream/River — Impaired Waterway (303d) — NHD Waterbody | <ul style="list-style-type: none"> 100-year FEMA Floodplain 500-year FEMA Floodplain <p>Sensitive Biological Resources</p> <ul style="list-style-type: none"> MO Conservation Opportunity Area <p>Transportation</p> <ul style="list-style-type: none"> State Highway |
|---|---|--|--|



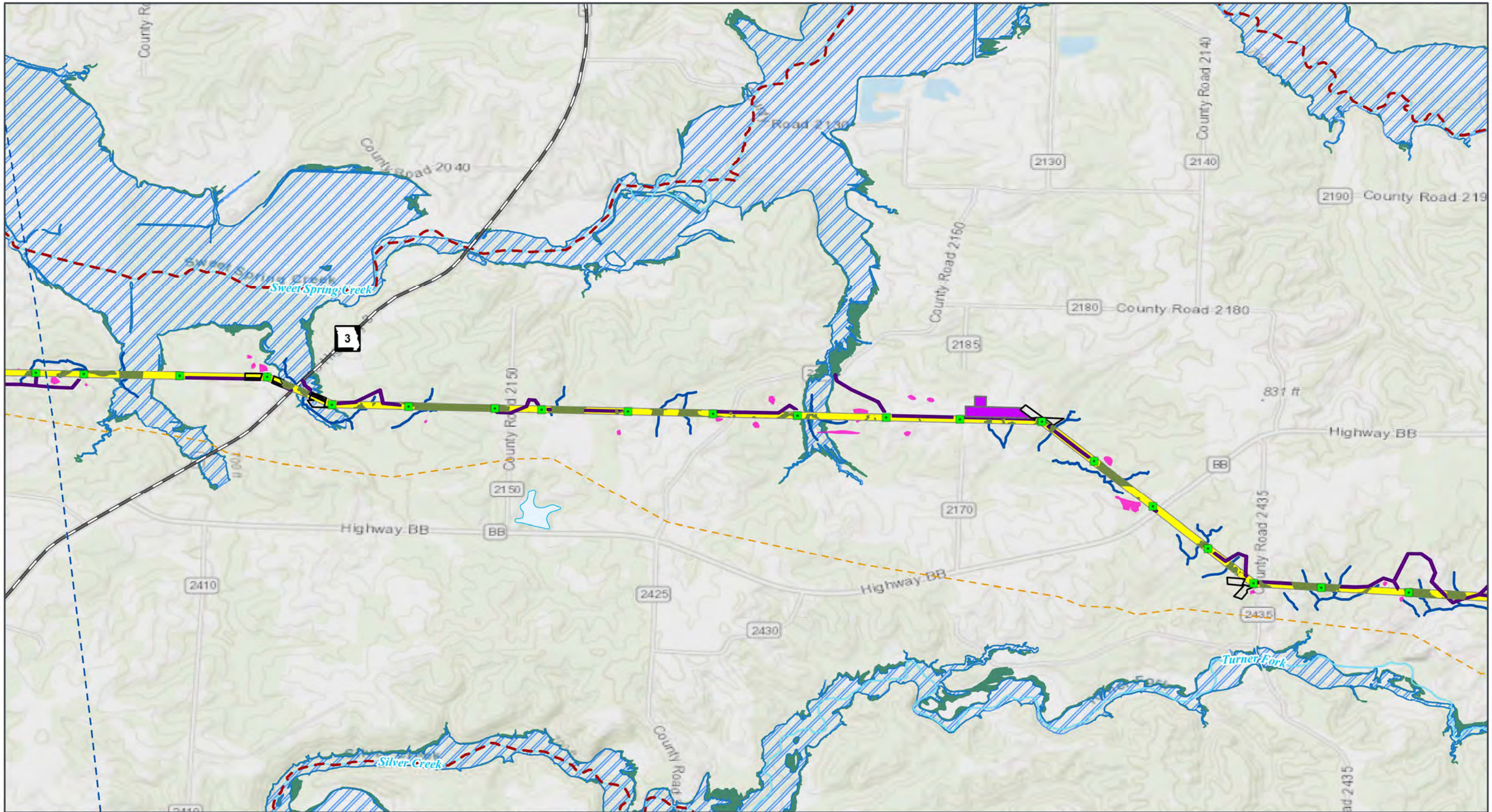
NOTE: In some instances, center pivots appear as ovals due to map projection.



Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

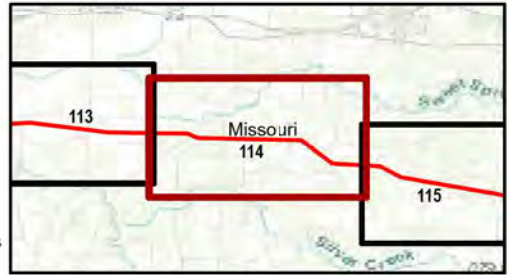
Base Map: Esri ArcGIS Online, accessed January 2025
Updated: 1/6/2025
Project No. 60694559
Layout: DEIS Mapbook 24k
Apr: DEIS_MapBook_24k

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GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
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- | | | | |
|------------------------|--------------------------------------|----------------------------------|--------------------------|
| Transmission Structure | ROW | Surface Management Agency | Impaired Waterway (303d) |
| Habitat Conversion | Transmission Lines (115kV or Higher) | Private or Unknown | NHD Waterbody |
| Access Road | Existing Pipeline | Hydrology | 100-year FEMA Floodplain |
| Helipad / Fly Yard | County Boundary | Delineated Stream | 500-year FEMA Floodplain |
| Pull Site/Tension Site | State Boundary | Delineated Wetland | Transportation |
| | | NHD Stream/River | State Highway |

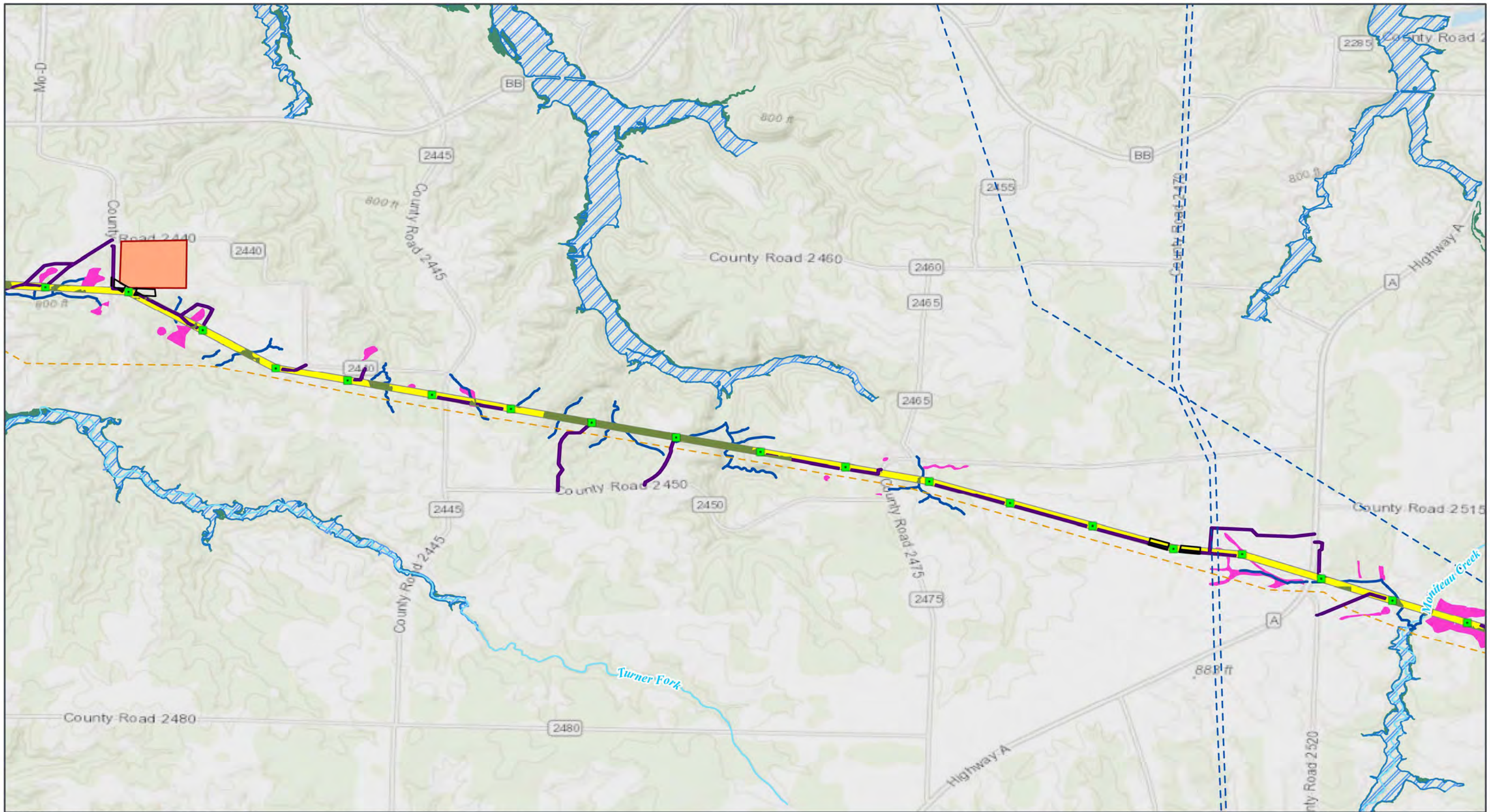


Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online, accessed January 2025
Updated: 1/6/2025
Project No. 60694559
Layout: DEIS Mapbook 24k
Apr: DEIS_MapBook_24k

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NOTE: In some instances, center pivots appear as ovals due to map projection.



GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
Resource Map Book
Map 115 of 127

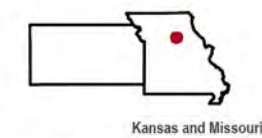
- Transmission Structure
- Habitat Conversion
- Laydown Yard
- Access Road
- Pull Site/Tension Site
- ROW

- Transmission Lines (115kV or Higher)
- Existing Pipeline
- County Boundary
- State Boundary
- Surface Management Agency
- Private or Unknown

- Hydrology**
- Delineated Stream
 - Delineated Wetland
 - NHD Stream/River
 - 100-year FEMA Floodplain
 - 500-year FEMA Floodplain



Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

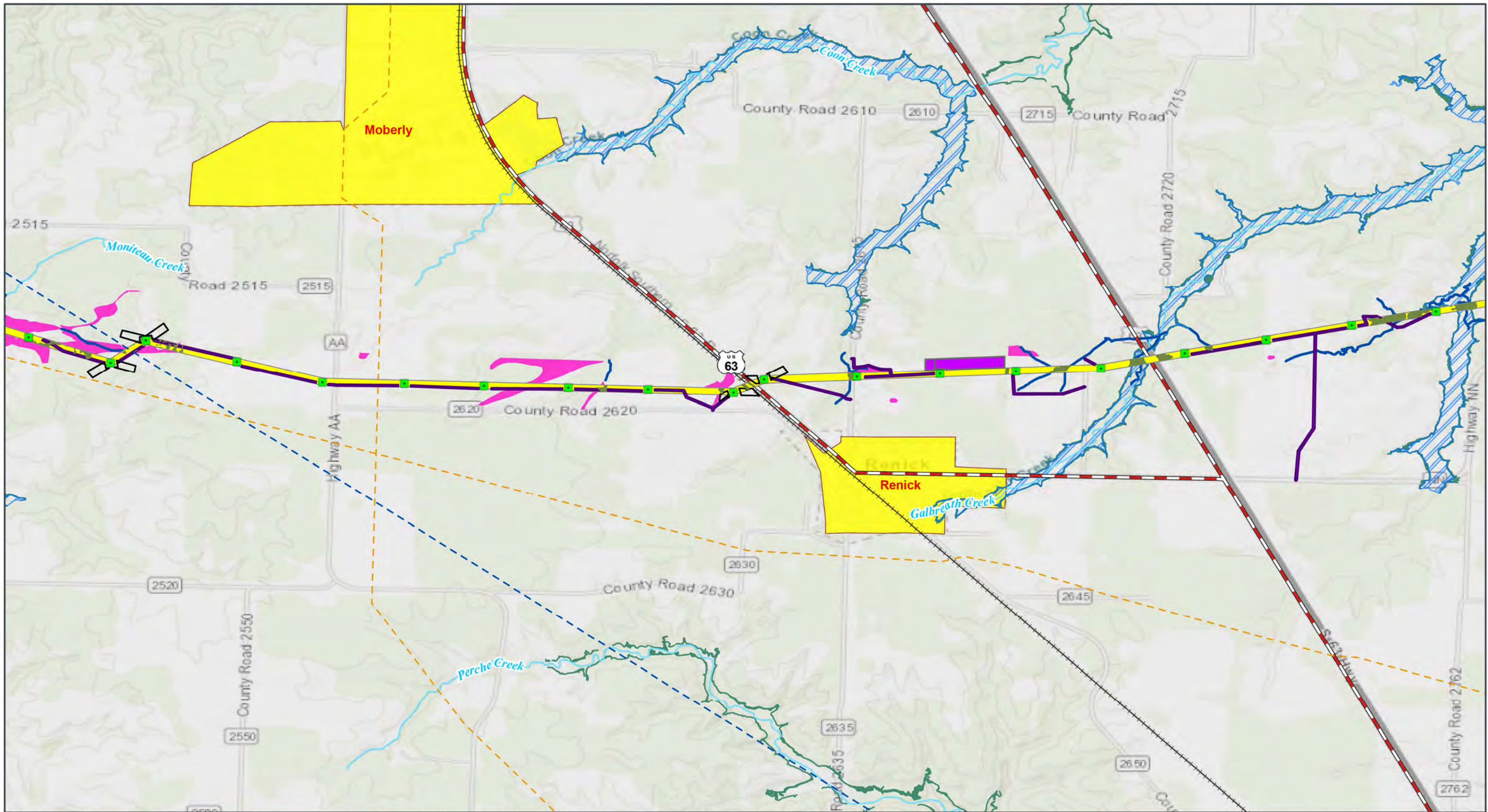


Base Map: Esri ArcGIS Online, accessed January 2025
Updated: 1/6/2025
Project No. 60694559
Layout: DEIS Mapbook 24k
Apr: DEIS_MapBook_24k

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0 900 1,800 Feet
0 250 500 Meters

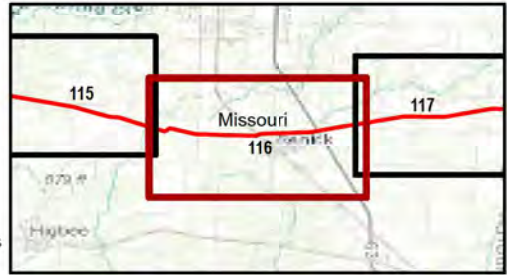
NOTE: In some instances, center pivots appear as ovals due to map projection.



GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
Resource Map Book
Map 116 of 127



- | | | | |
|---|--|--|---|
| <ul style="list-style-type: none"> ■ Transmission Structure ■ Habitat Conversion ■ Access Road ■ Helipad / Fly Yard Pull Site/Tension Site ROW | <ul style="list-style-type: none"> --- Transmission Lines (115kV or Higher) --- Existing Pipeline County Boundary State Boundary Municipal Boundary Near the Project | <p>Surface Management Agency</p> <ul style="list-style-type: none"> Private or Unknown <p>Hydrology</p> <ul style="list-style-type: none"> — Delineated Stream — Delineated Wetland — NHD Stream/River | <ul style="list-style-type: none"> 100-year FEMA Floodplain 500-year FEMA Floodplain <p>Transportation</p> <ul style="list-style-type: none"> U.S. Highway +++ Railroad |
|---|--|--|---|

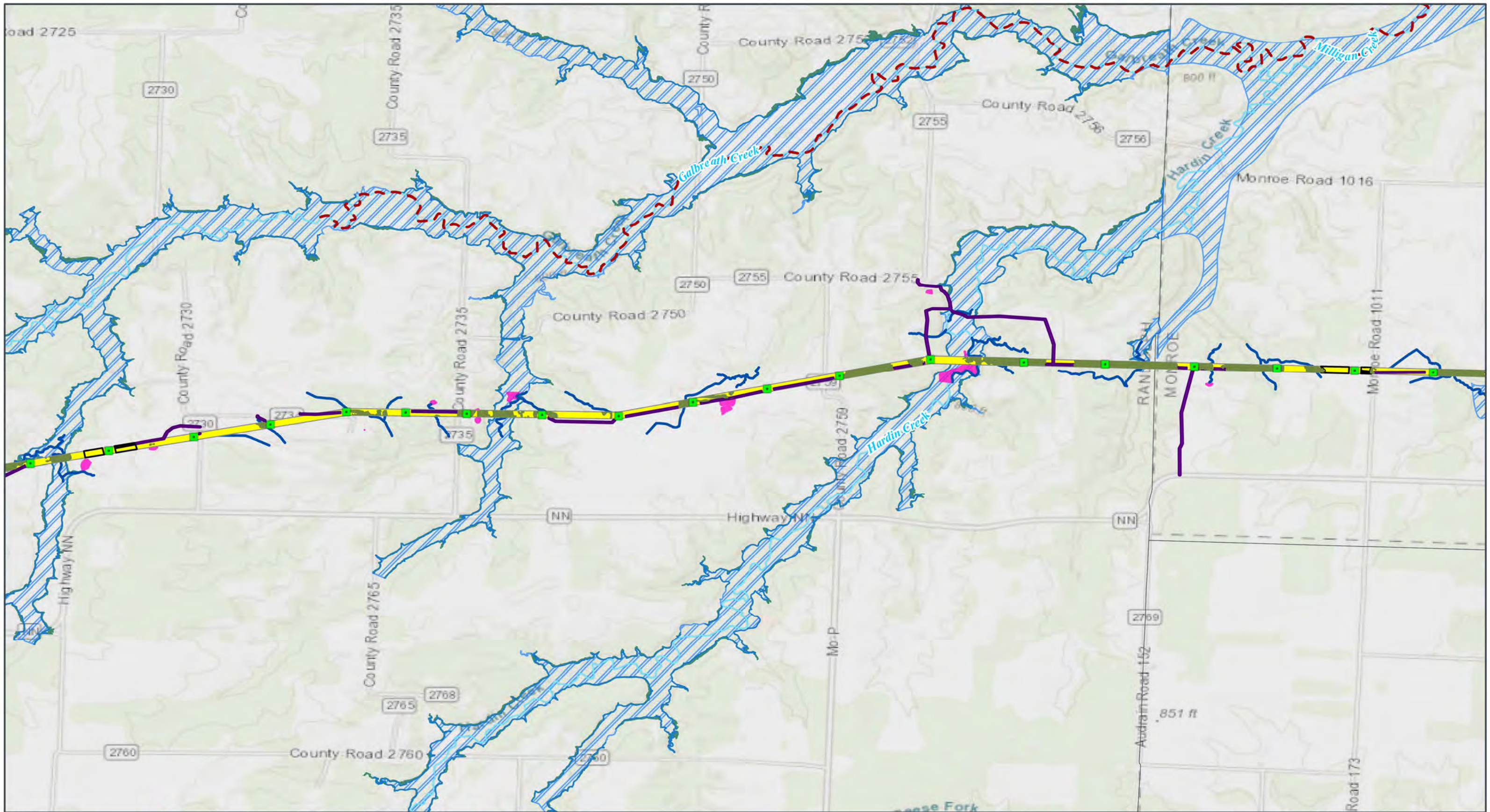


Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

1:24,000

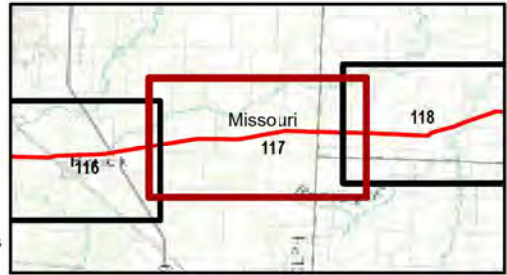
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Updated: 1/6/2025
Project No. 60694559
Layout: DEIS Mapbook_24k
Apr: DEIS_MapBook_24k

NOTE: In some instances, center pivots appear as ovals due to map projection.



GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
Resource Map Book
Map 117 of 127

- Transmission Structure
- Habitat Conversion
- Access Road
- Pull Site/Tension Site
- ROW
- County Boundary
- State Boundary
- Surface Management Agency**
- Private or Unknown
- Hydrology**
- Delineated Stream
- Delineated Wetland
- NHD Stream/River
- Impaired Waterway (303d)
- 100-year FEMA Floodplain
- 500-year FEMA Floodplain

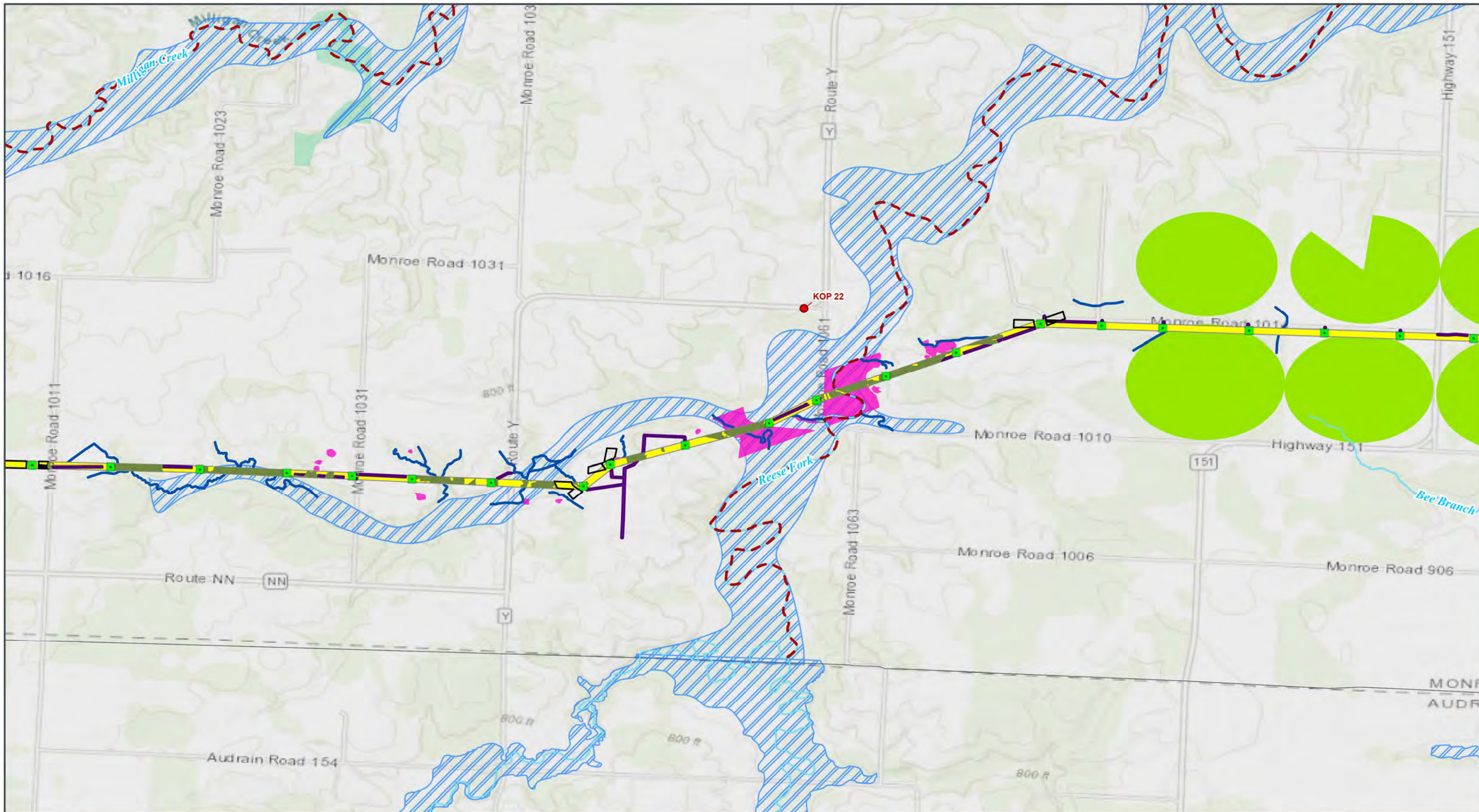


NOTE: In some instances, center pivots appear as ovals due to map projection.

Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

1:24,000

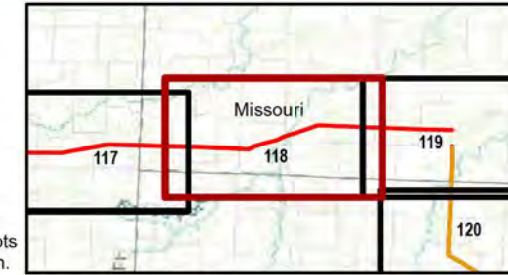
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Updated: 1/6/2025
Project No. 60694559
Layout: DEIS Mapbook 24k
Apr: DEIS_MapBook_24k



GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
Resource Map Book
Map 118 of 127



- | | | |
|--|---|--|
| <ul style="list-style-type: none"> ■ Transmission Structure ■ Habitat Conversion ■ Access Road Pull Site/Tension Site ROW County Boundary State Boundary | <p>Surface Management Agency</p> <ul style="list-style-type: none"> US Fish and Wildlife (USFW) Private or Unknown <p>Hydrology</p> <ul style="list-style-type: none"> — Delineated Stream Delineated Wetland Delineated Waterbody | <ul style="list-style-type: none"> — NHD Stream/River Impaired Waterway (303d) Center Pivot Irrigation Area 100-year FEMA Floodplain <p>Cultural and Scenic Resources</p> <ul style="list-style-type: none"> ● Key Observation Point (KOP) Location |
|--|---|--|

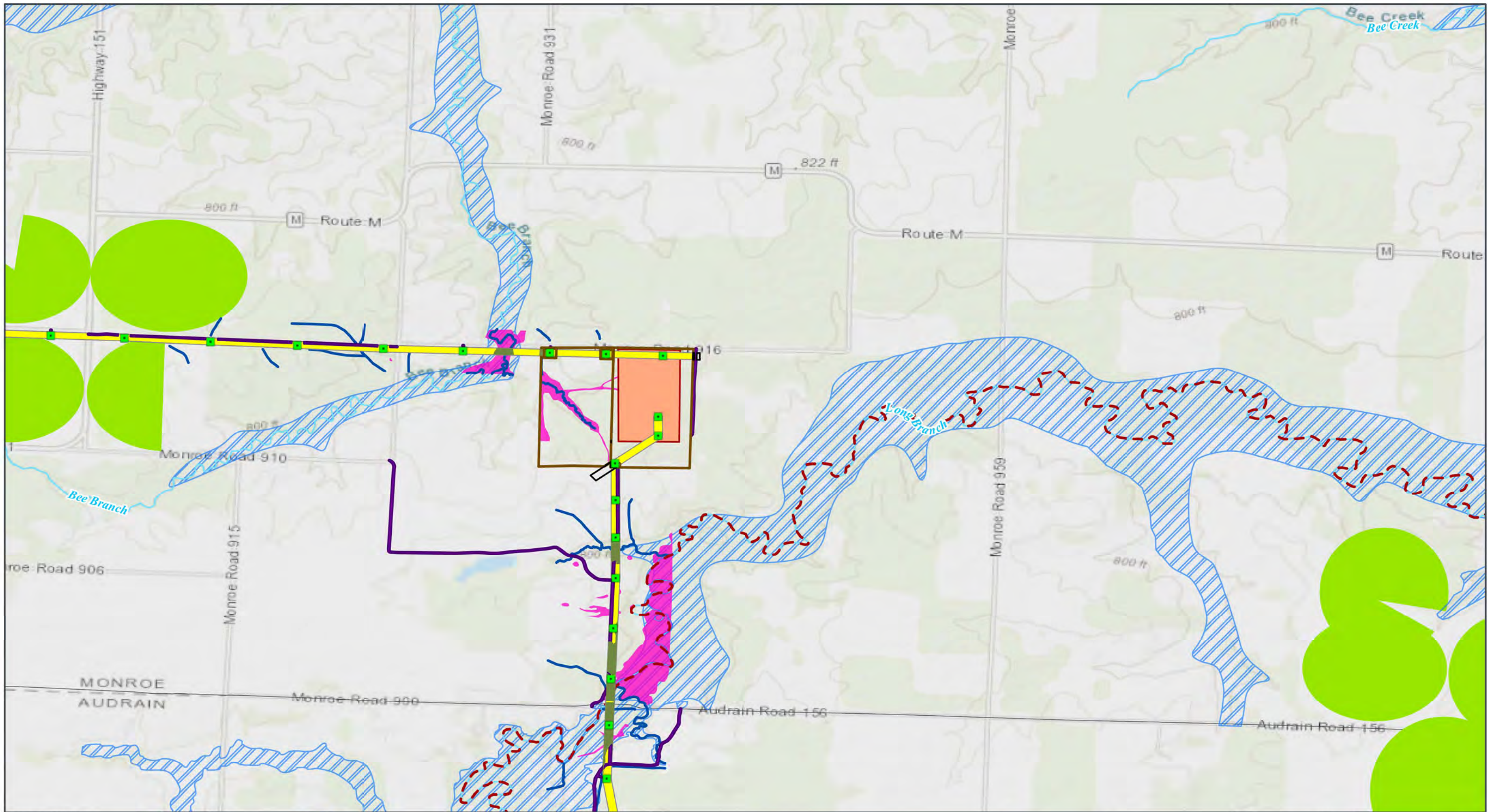


Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

1:24,000

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Updated: 1/6/2025
Project No. 60694559
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Apr: DEIS_MapBook_24k

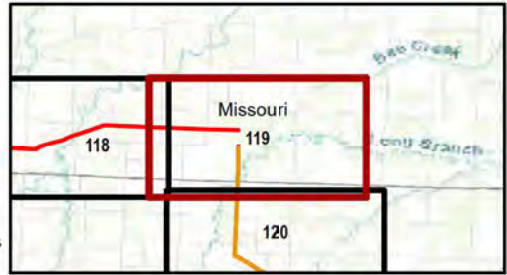
NOTE: In some instances, center pivots appear as ovals due to map projection.



GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
Resource Map Book
Map 119 of 127



- | | | |
|--------------------------|----------------------------------|------------------------------|
| Transmission Structure | ROW | Delineated Wetland |
| Habitat Conversion | County Boundary | Delineated Waterbody |
| Laydown Yard | State Boundary | NHD Stream/River |
| Access Road | Surface Management Agency | Impaired Waterway (303d) |
| Converter Station Parcel | Private or Unknown | Center Pivot Irrigation Area |
| Pull Site/Tension Site | Hydrology | 100-year FEMA Floodplain |
| | Delineated Stream | |



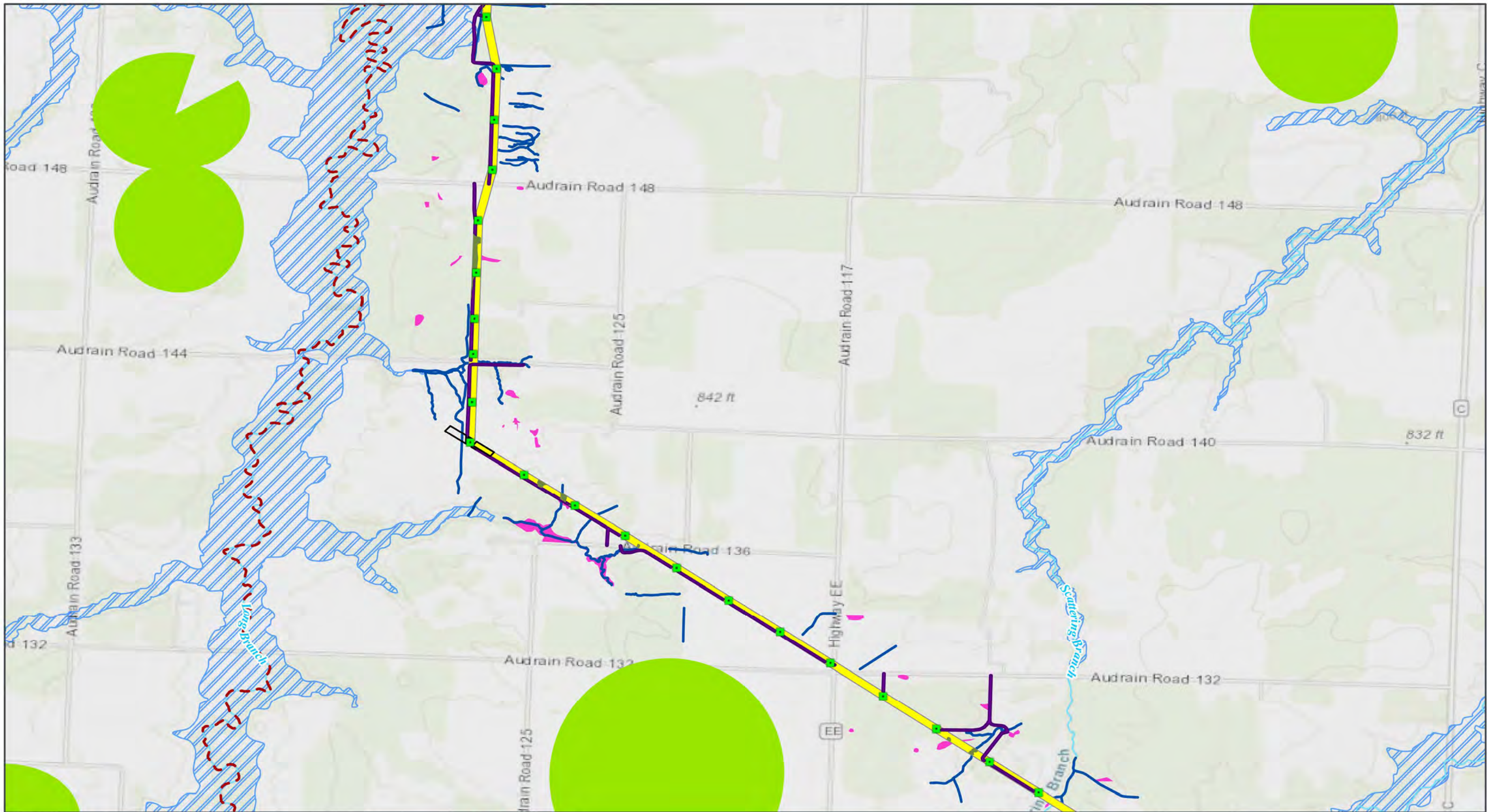
Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Kansas and Missouri

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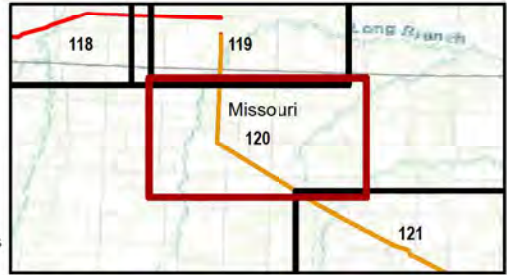
Base Map: Esri ArcGIS Online, accessed January 2025
Updated: 1/6/2025
Project No. 60694559
Layout: DEIS Mapbook_24k
Apr: DEIS_MapBook_24k

NOTE: In some instances, center pivots appear as ovals due to map projection.



GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
Resource Map Book
Map 120 of 127

- | | | |
|------------------------|----------------------------------|------------------------------|
| Transmission Structure | County Boundary | Delineated Wetland |
| Habitat Conversion | State Boundary | NHD Stream/River |
| Access Road | Surface Management Agency | Impaired Waterway (303d) |
| Pull Site/Tension Site | Private or Unknown | Center Pivot Irrigation Area |
| ROW | Hydrology | 100-year FEMA Floodplain |
| | Delineated Stream | |

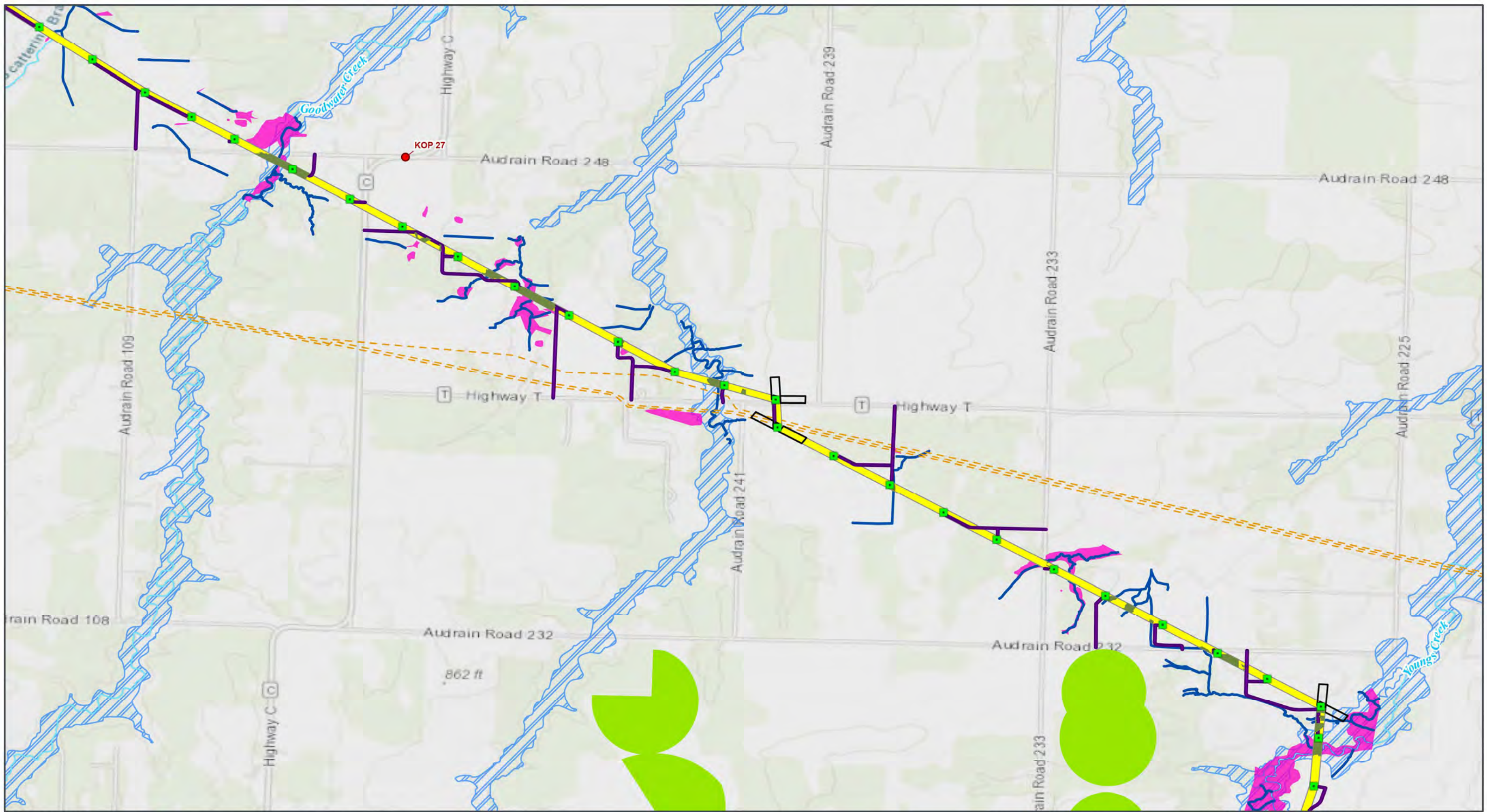


Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

1:24,000

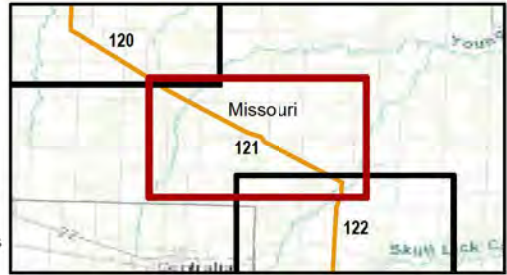
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Updated: 1/6/2025
Project No. 60694559
Layout: DEIS Mapbook_24k
Apr: DEIS_MapBook_24k

NOTE: In some instances, center pivots appear as ovals due to map projection.



GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
Resource Map Book
Map 121 of 127

- | | | |
|------------------------|----------------------------------|--------------------------------------|
| Transmission Structure | County Boundary | Delineated Waterbody |
| Habitat Conversion | State Boundary | NHD Stream/River |
| Access Road | Surface Management Agency | Center Pivot Irrigation Area |
| Pull Site/Tension Site | Private or Unknown | 100-year FEMA Floodplain |
| ROW | Hydrology | Cultural and Scenic Resources |
| Existing Pipeline | Delineated Stream | Key Observation Point (KOP) Location |
| | Delineated Wetland | |

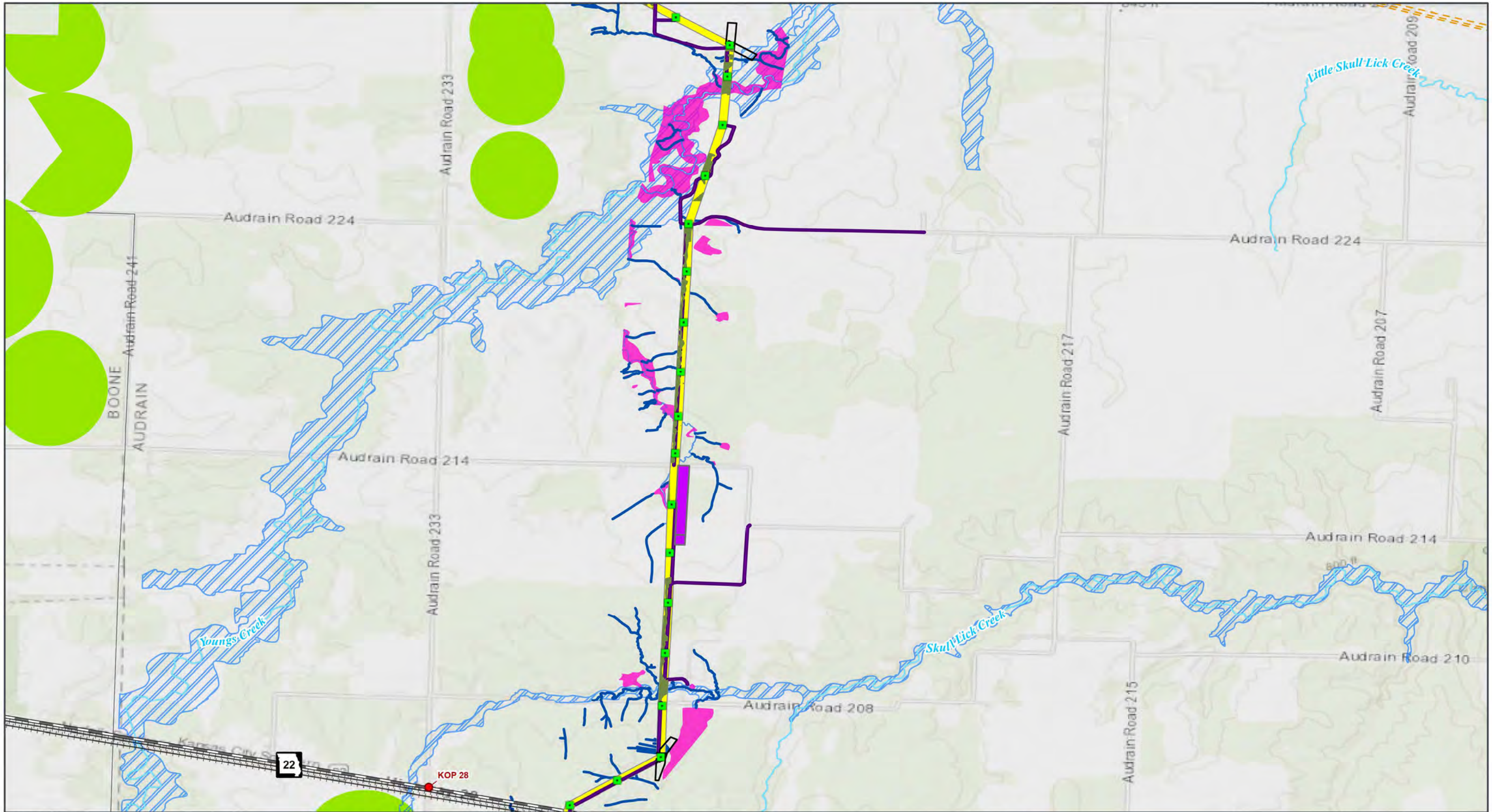


Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

1:24,000

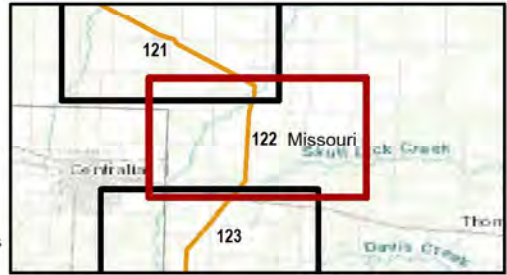
Base Map: Esri ArcGIS Online, accessed January 2025
Updated: 1/6/2025
Project No. 60694559
Layout: DEIS Mapbook_24k
Apr: DEIS_MapBook_24k

NOTE: In some instances, center pivots appear as ovals due to map projection.



GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
Resource Map Book
Map 122 of 127

- | | | | |
|------------------------|----------------------------------|------------------------------|--------------------------------------|
| Transmission Structure | Existing Pipeline | Hydrology | 100-year FEMA Floodplain |
| Habitat Conversion | County Boundary | Delineated Stream | Cultural and Scenic Resources |
| Access Road | State Boundary | Delineated Wetland | Key Observation Point (KOP) Location |
| Helipad / Fly Yard | Surface Management Agency | Delineated Waterbody | Transportation |
| Pull Site/Tension Site | Private or Unknown | NHD Stream/River | State Highway |
| ROW | | Center Pivot Irrigation Area | Railroad |

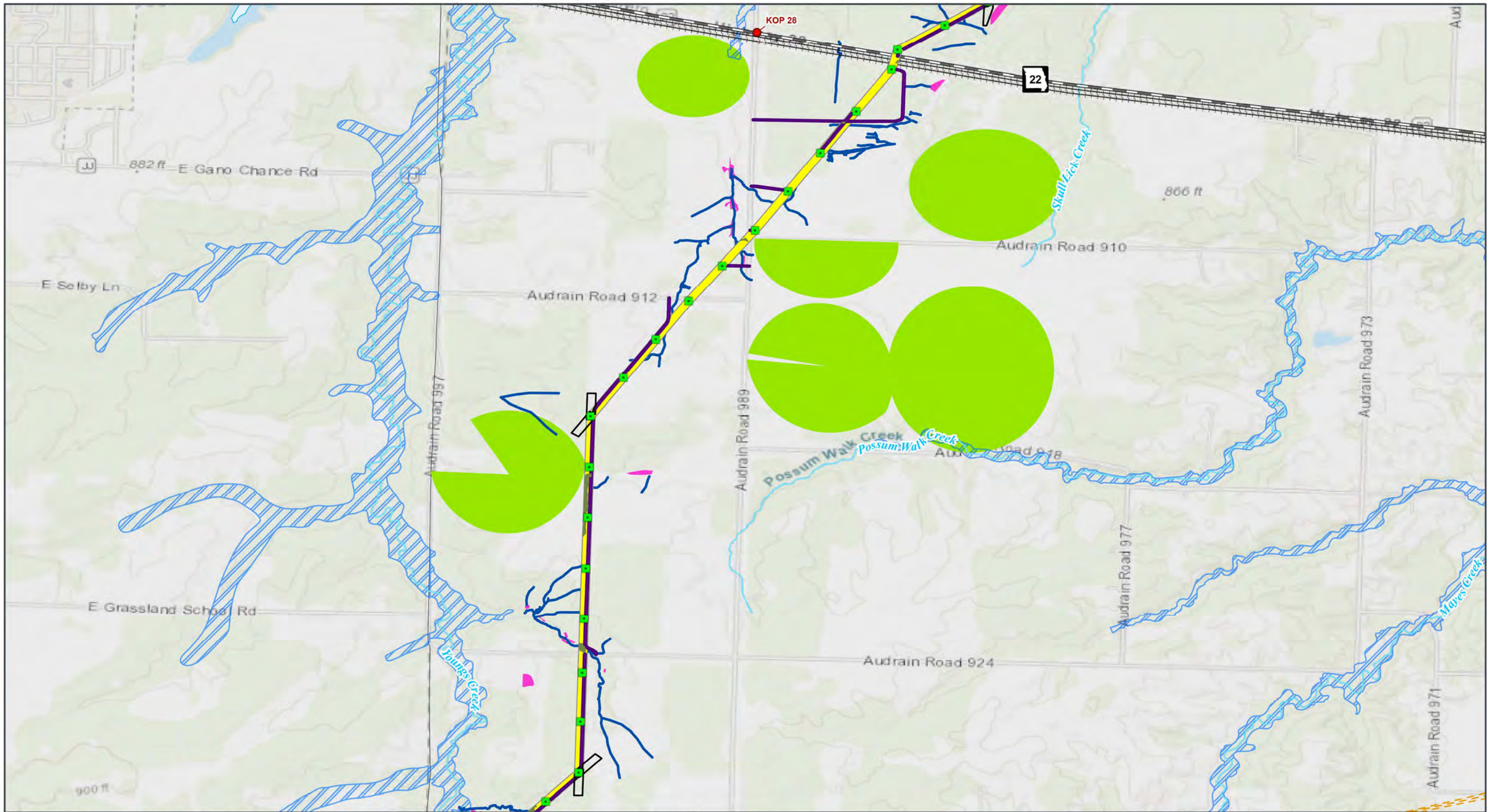


Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

1:24,000

Base Map: Esri ArcGIS Online, accessed January 2025
Updated: 1/6/2025
Project No. 60694559
Layout: DEIS Mapbook 24k
Apr: DEIS_MapBook_24k

NOTE: In some instances, center pivots appear as ovals due to map projection.



GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
Resource Map Book
Map 123 of 127

- Transmission Structure
- Habitat Conversion
- Access Road
- Pull Site/Tension Site
- ROW
- Existing Pipeline
- County Boundary
- State Boundary
- Surface Management Agency**
- Private or Unknown
- Hydrology**
- Delineated Stream
- Delineated Wetland
- NHD Stream/River
- NHD Waterbody
- Center Pivot Irrigation Area
- 100-year FEMA Floodplain

- Cultural and Scenic Resources**
- Key Observation Point (KOP) Location
- Transportation**
- State Highway
 - Railroad

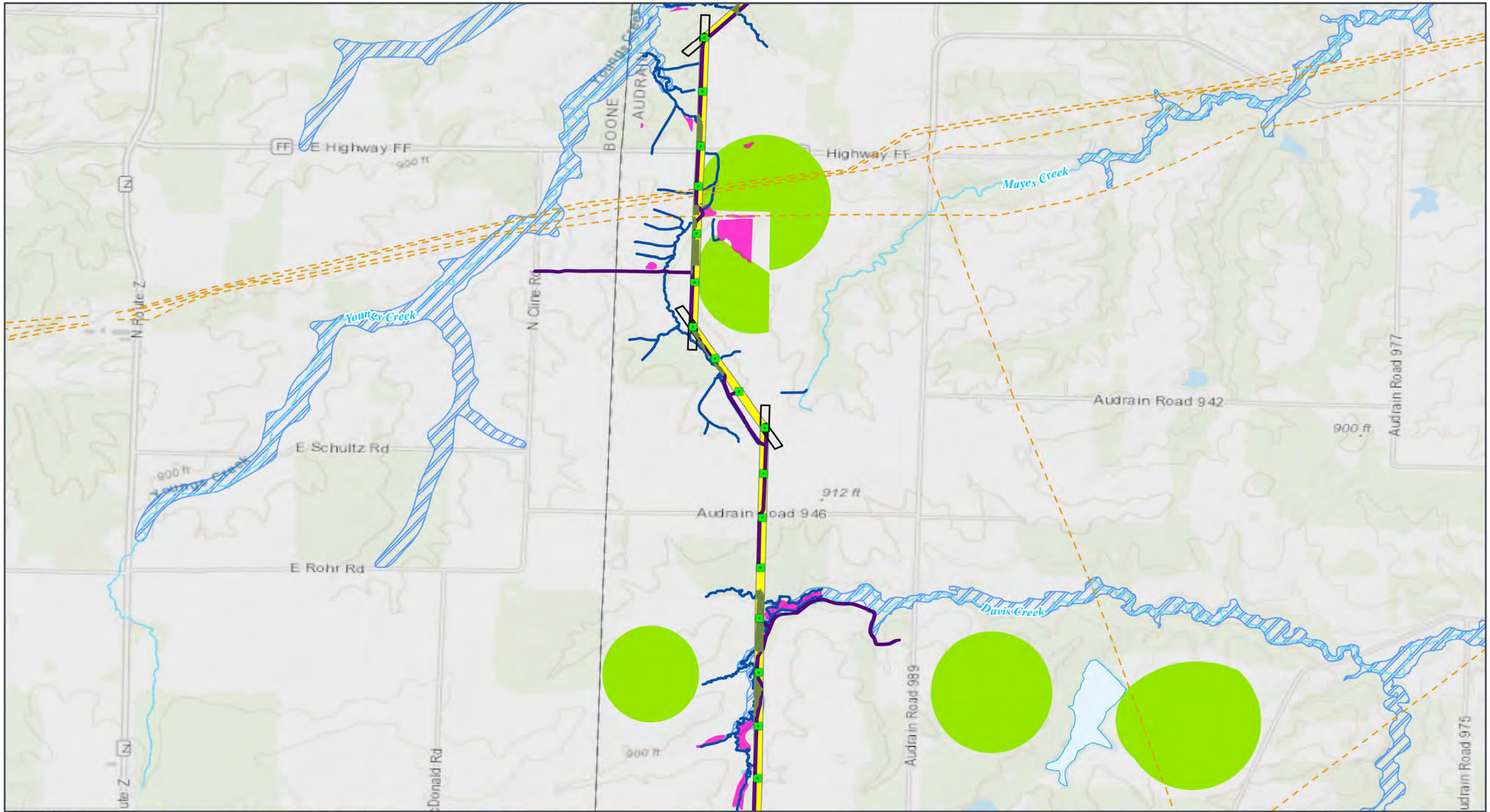


Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

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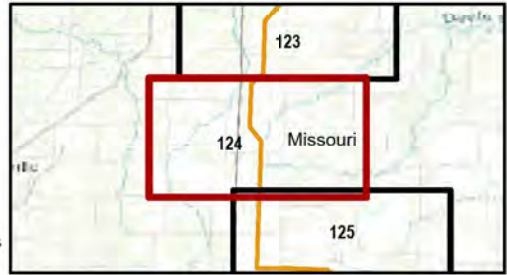
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Updated: 1/6/2025
Project No. 60694559
Layout: DEIS Mapbook_24k
Apr: DEIS_MapBook_24k

NOTE: In some instances, center pivots appear as ovals due to map projection.



GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
Resource Map Book
Map 124 of 127

- | | | |
|------------------------|----------------------------------|------------------------------|
| Transmission Structure | County Boundary | Delineated Wetland |
| Habitat Conversion | State Boundary | Delineated Waterbody |
| Access Road | Surface Management Agency | NHD Stream/River |
| Pull Site/Tension Site | Private or Unknown | NHD Waterbody |
| ROW | Hydrology | Center Pivot Irrigation Area |
| Existing Pipeline | Delineated Stream | 100-year FEMA Floodplain |

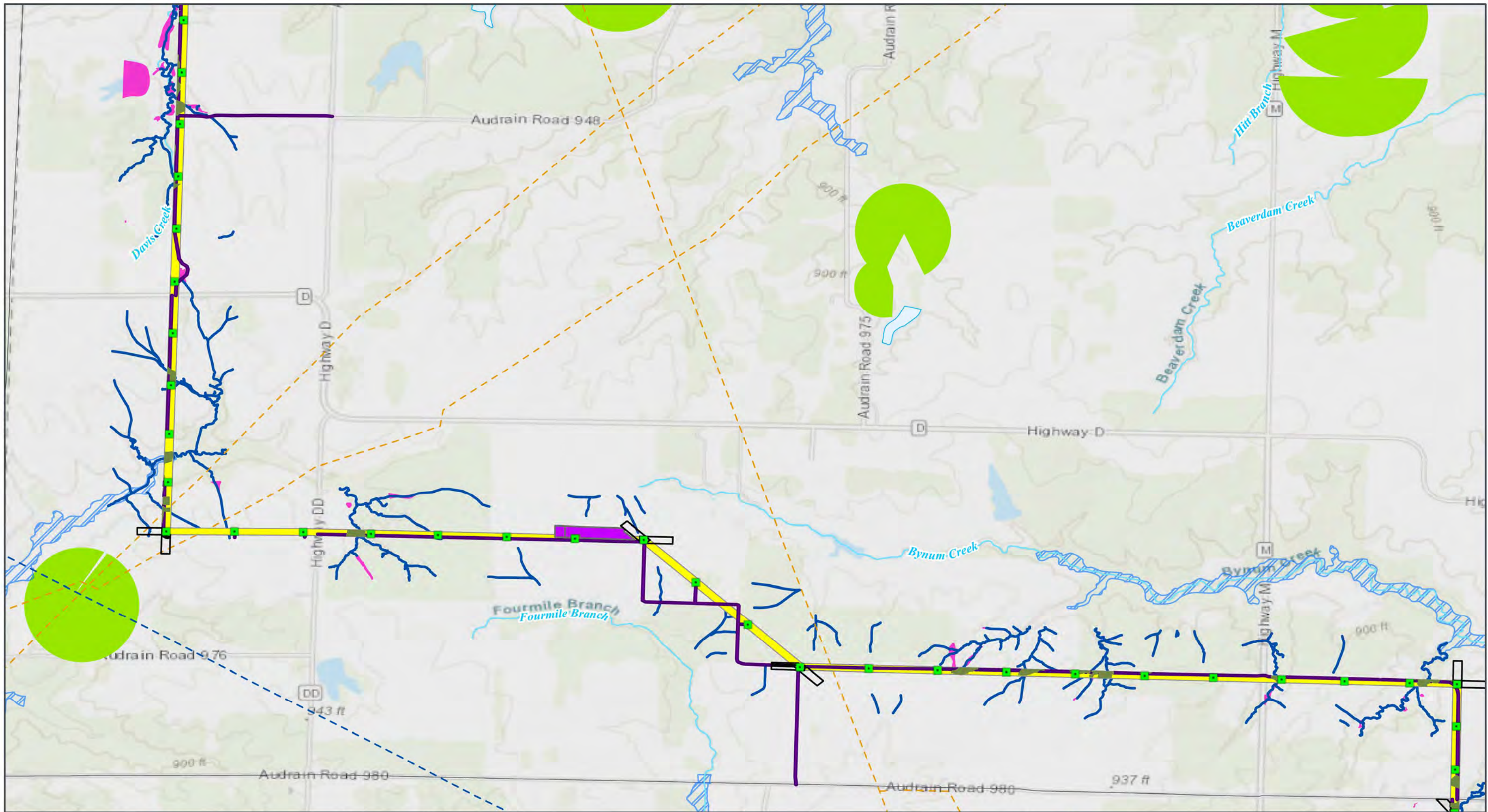


Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

1:24,000

Base Map: Esri ArcGIS Online, accessed January 2025
Updated: 1/6/2025
Project No.: 60694559
Layout: DEIS Mapbook_24k
Apr: DEIS_MapBook_24k

NOTE: In some instances, center pivots appear as ovals due to map projection.



GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
Resource Map Book
Map 125 of 127

- | | | |
|------------------------|--------------------------------------|------------------------------|
| Transmission Structure | Transmission Lines (115kV or Higher) | Hydrology |
| Habitat Conversion | Existing Pipeline | Delineated Stream |
| Access Road | County Boundary | Delineated Wetland |
| Helipad / Fly Yard | State Boundary | NHD Stream/River |
| Pull Site/Tension Site | Surface Management Agency | NHD Waterbody |
| ROW | Private or Unknown | Center Pivot Irrigation Area |
| | | 100-year FEMA Floodplain |

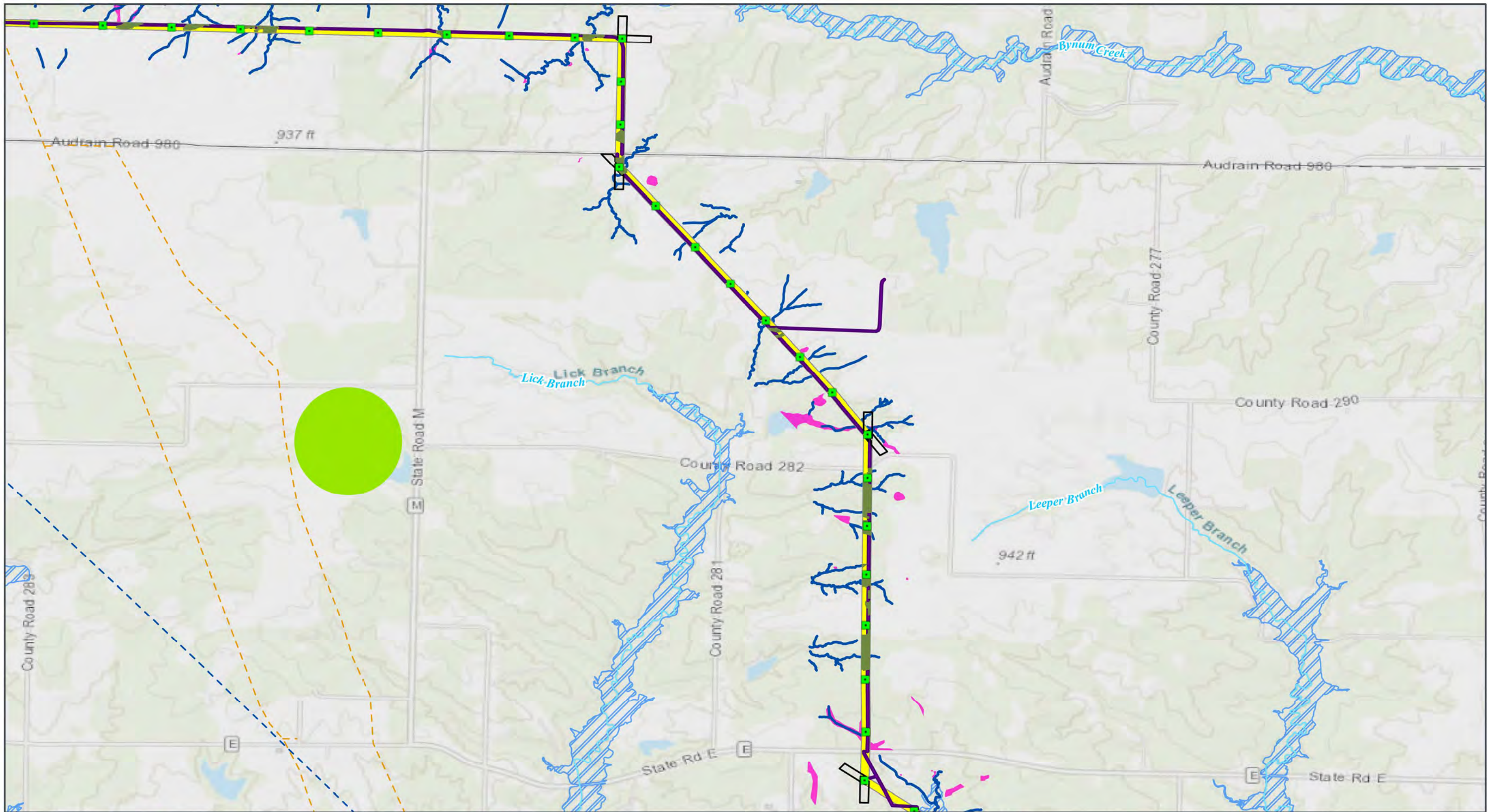


Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

1:24,000

Base Map: Esri ArcGIS Online, accessed January 2025
Updated: 1/6/2025
Project No. 60694559
Layout: DEIS Mapbook_24k
Apr: DEIS_MapBook_24k

NOTE: In some instances, center pivots appear as ovals due to map projection.



GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
Resource Map Book
Map 126 of 127

- | | | |
|--------------------------------------|----------------------------------|------------------------------|
| Transmission Structure | Existing Pipeline | Delineated Wetland |
| Habitat Conversion | County Boundary | NHD Stream/River |
| Access Road | State Boundary | Center Pivot Irrigation Area |
| Pull Site/Tension Site | Surface Management Agency | 100-year FEMA Floodplain |
| ROW | Private or Unknown | |
| Transmission Lines (115kV or Higher) | Hydrology | |
| | Delineated Stream | |

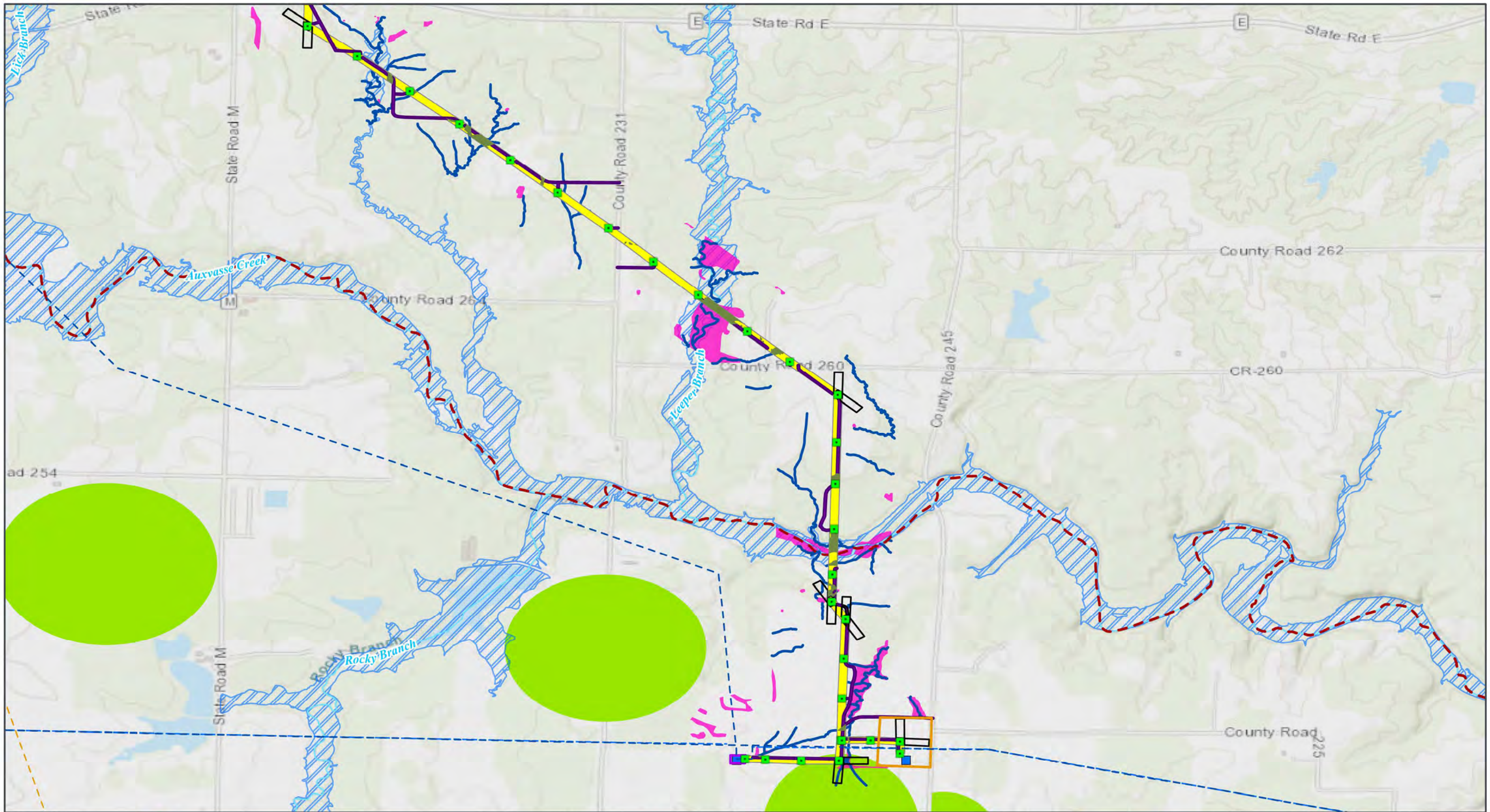


NOTE: In some instances, center pivots appear as ovals due to map projection.

Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

1:24,000

Base Map: Esri ArcGIS Online, accessed January 2025
Updated: 1/6/2025
Project No. 60694559
Layout: DEIS Mapbook 24k
Apr: DEIS_MapBook_24k



GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
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- | | | | |
|---------------------------|--------------------------------------|----------------------------------|-----------------------------------|
| Transmission Structure | McCredie Substation | Surface Management Agency | Impaired Waterway (303d) |
| Habitat Conversion | Transmission Lines (115kV or Higher) | Private or Unknown | Center Pivot Irrigation Area |
| Access Road | Existing Pipeline | Hydrology | 100-year FEMA Floodplain |
| Pull Site/Tension Site | County Boundary | Delineated Stream | Network Upgrade |
| ROW | State Boundary | Delineated Wetland | Network Upgrade Substation |
| Existing Burns Substation | | Delineated Waterbody | Network Upgrade Transmission Line |
| | | NHD Stream/River | |

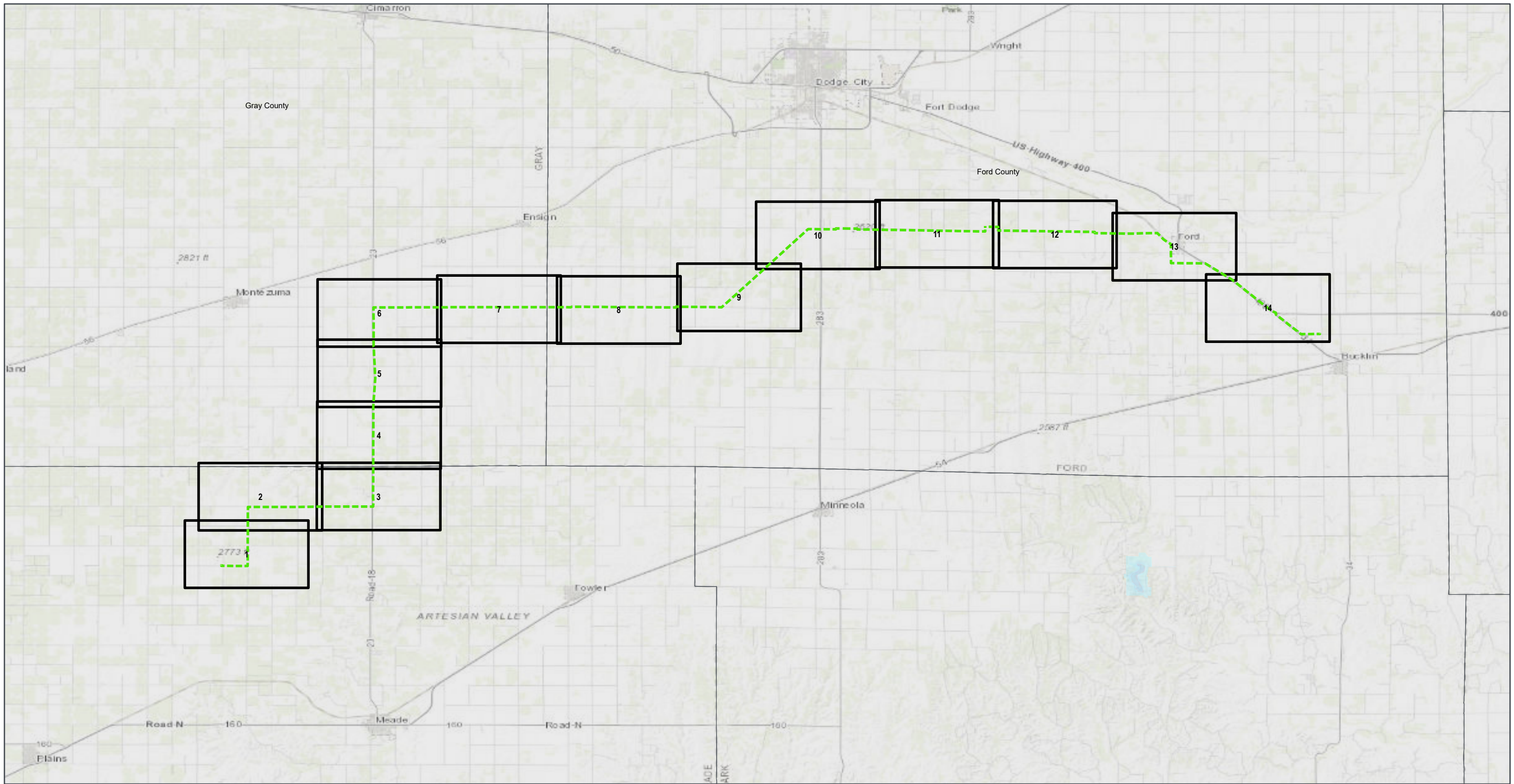


Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

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Base Map: Esri ArcGIS Online, accessed January 2025
Updated: 1/6/2025
Project No.: 60694559
Layout: DEIS Mapbook_24k
Apr: DEIS_MapBook_24k

NOTE: In some instances, center pivots appear as ovals due to map projection.



GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
**KANSAS AC COLLECTOR SYSTEM
SHEET MAP INDEX**

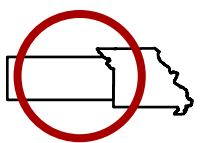
- - - New Kansas AC Collector System (Representative Route)
- Mapbook Index
- State
- Private or Unknown

Kansas and Missouri

GCS North American 1983
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1:297,500

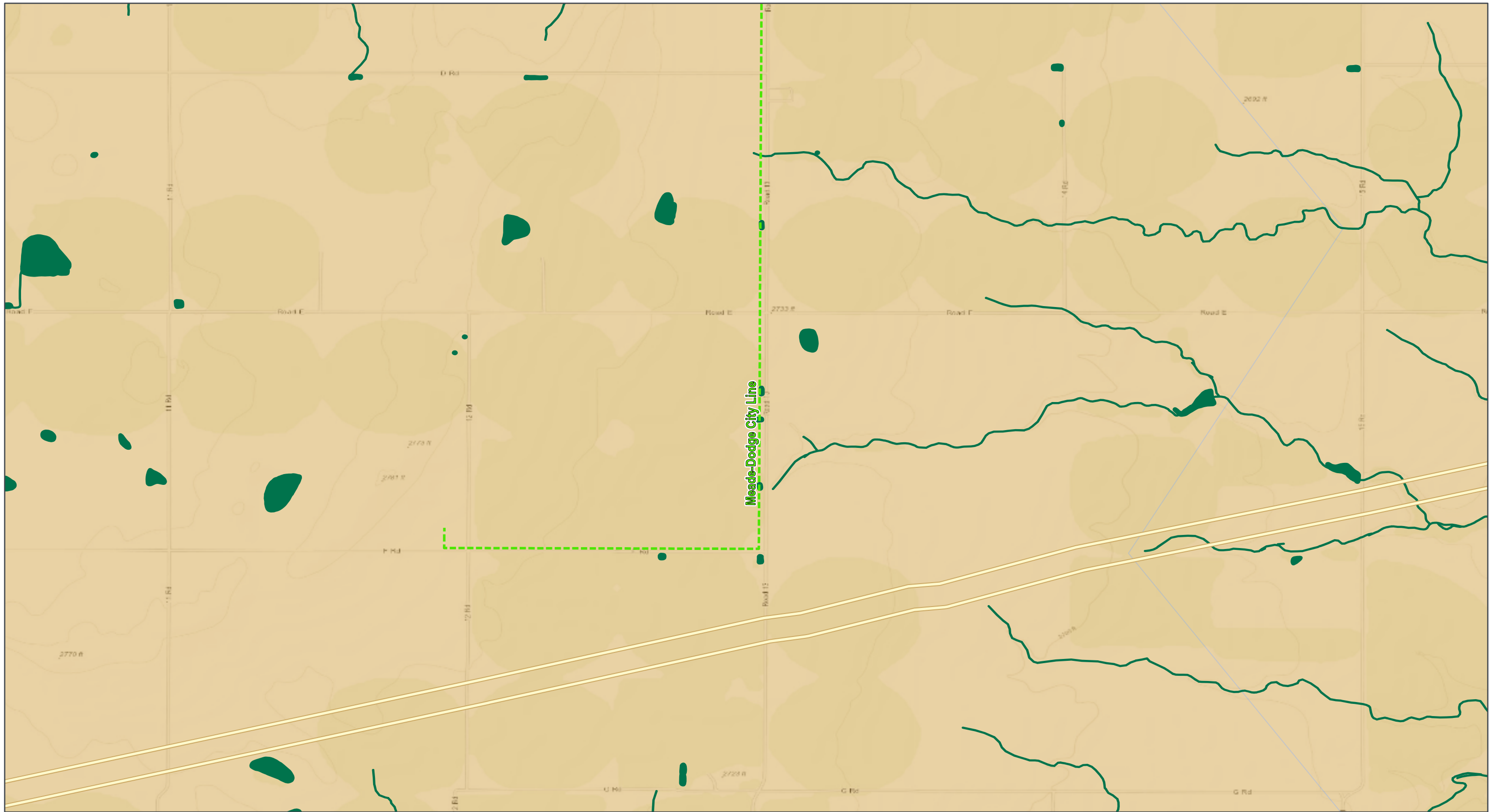


Kansas &
Missouri

Base Map: Esri ArcGIS Online,
accessed November 2024
Updated: 11/25/2024
Project No. 60694559

Layout: GBX_AC_Collector_Mapbook_Index
Aprx: GBX_Mapbook_Index





GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT

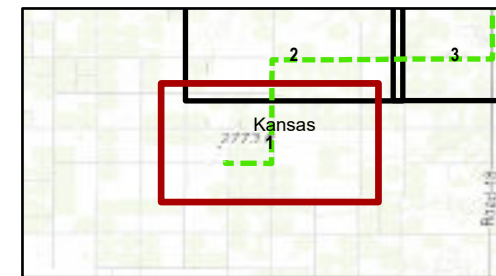
Resource Map Book
Kansas AC Collector
System

Map 1 of 14



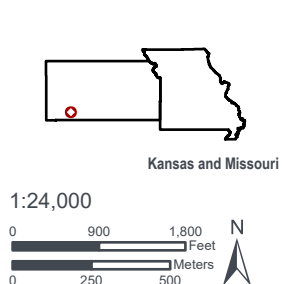
- - - - - Kansas AC Collector System
- Existing Pipeline
- County Boundary
- State Boundary
- Surface Management Agency**
- Private or Unknown

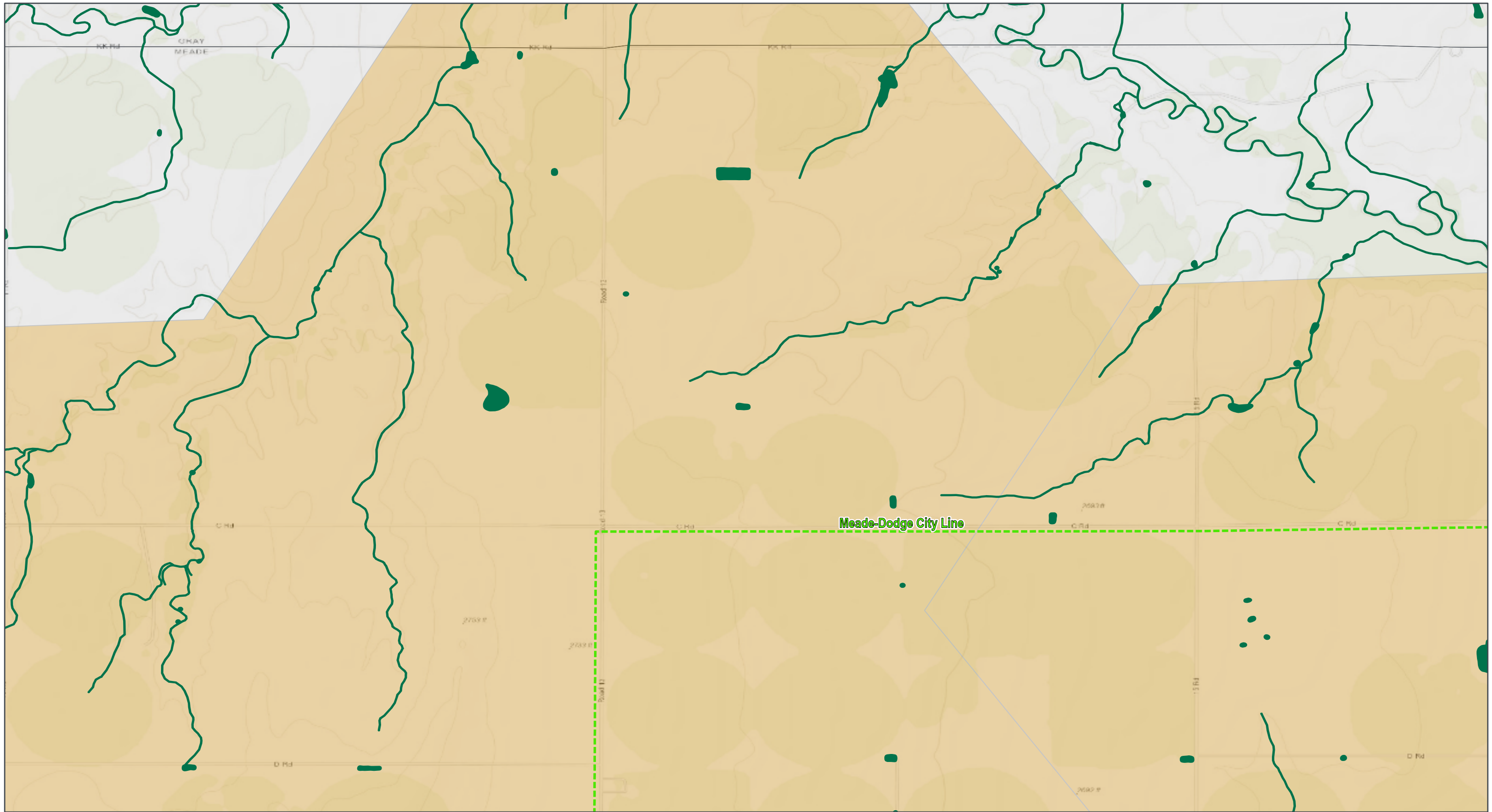
- Hydrology**
- NWI Wetland and Waterbodies
- Sensitive Biological Resources**
- Kansas Terrestrial Ecological Focus Area









Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

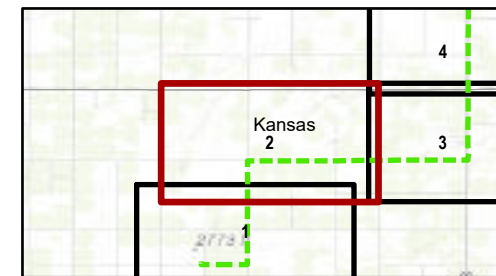
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accessed December 2024
Updated: 12/27/2024
Project No. 60694559
Layout: DEIS AC Collector Mapbook
24k





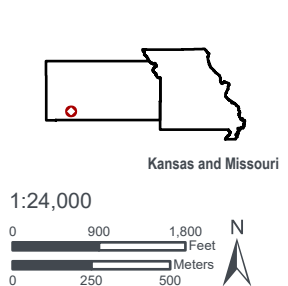
-  Kansas AC Collector System
-  County Boundary
-  State Boundary
- Surface Management Agency**
-  Private or Unknown

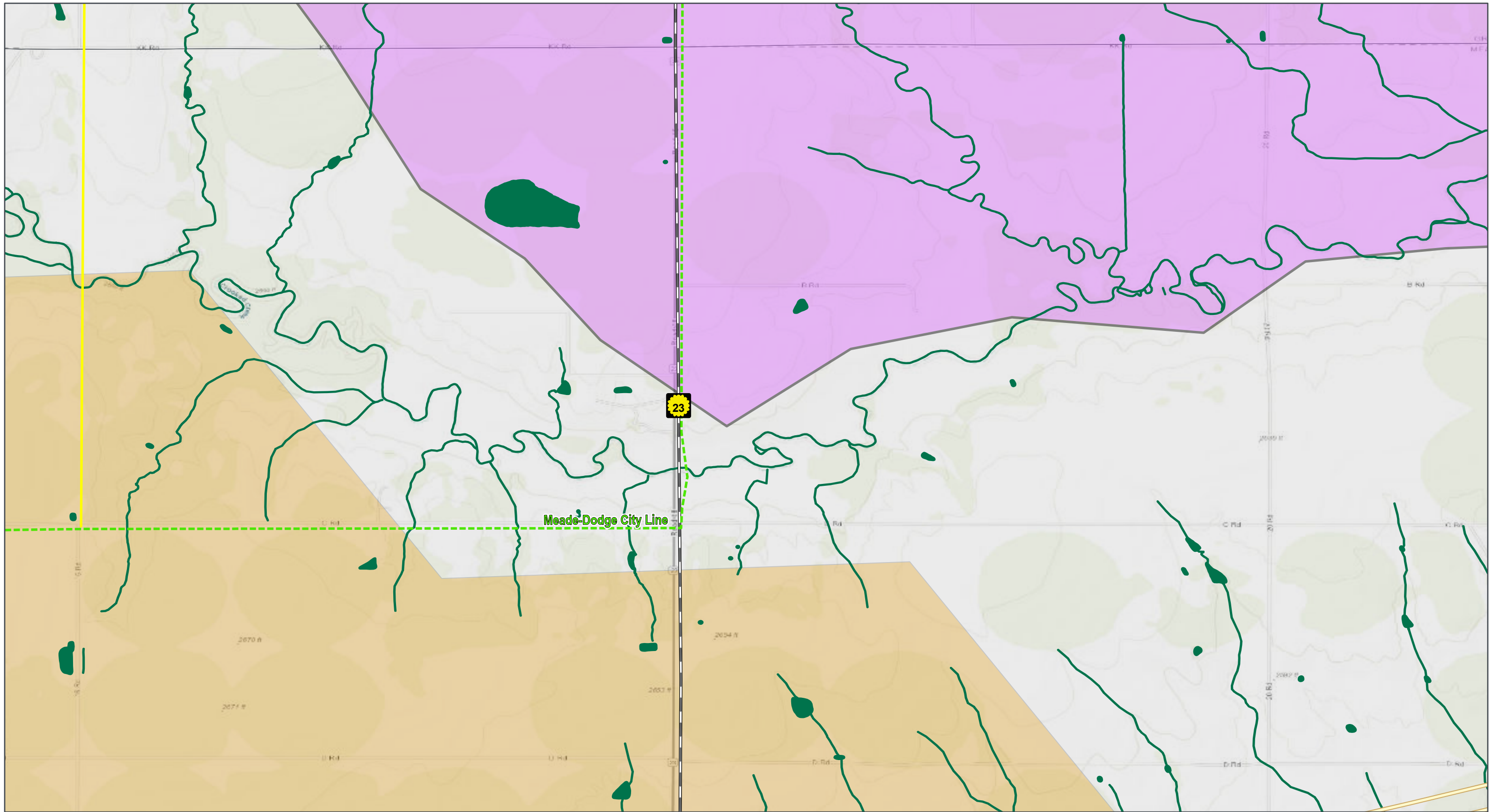
- Hydrology**
-  NWI Wetland and Waterbodies
- Sensitive Biological Resources**
-  Kansas Terrestrial Ecological Focus Area









Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W



Base Map: Esri ArcGIS Online,
accessed December 2024
Updated: 12/27/2024
Project No. 60694559
Layout: DEIS AC Collector Mapbook
24k

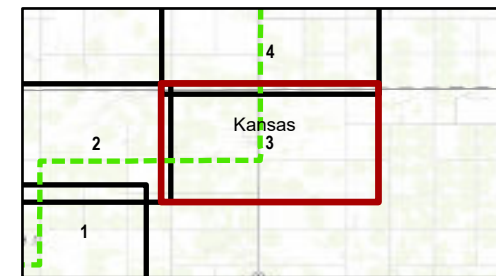




-  Kansas AC Collector System
-  Kansas AC Collector System Alternative Route
-  Existing Pipeline
-  County Boundary
-  State Boundary

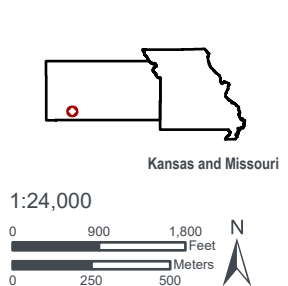
- Surface Management Agency**
-  Private or Unknown
- Hydrology**
-  NWI Wetland and Waterbodies
- Sensitive Biological Resources**
-  Kansas Terrestrial Ecological Focus Area

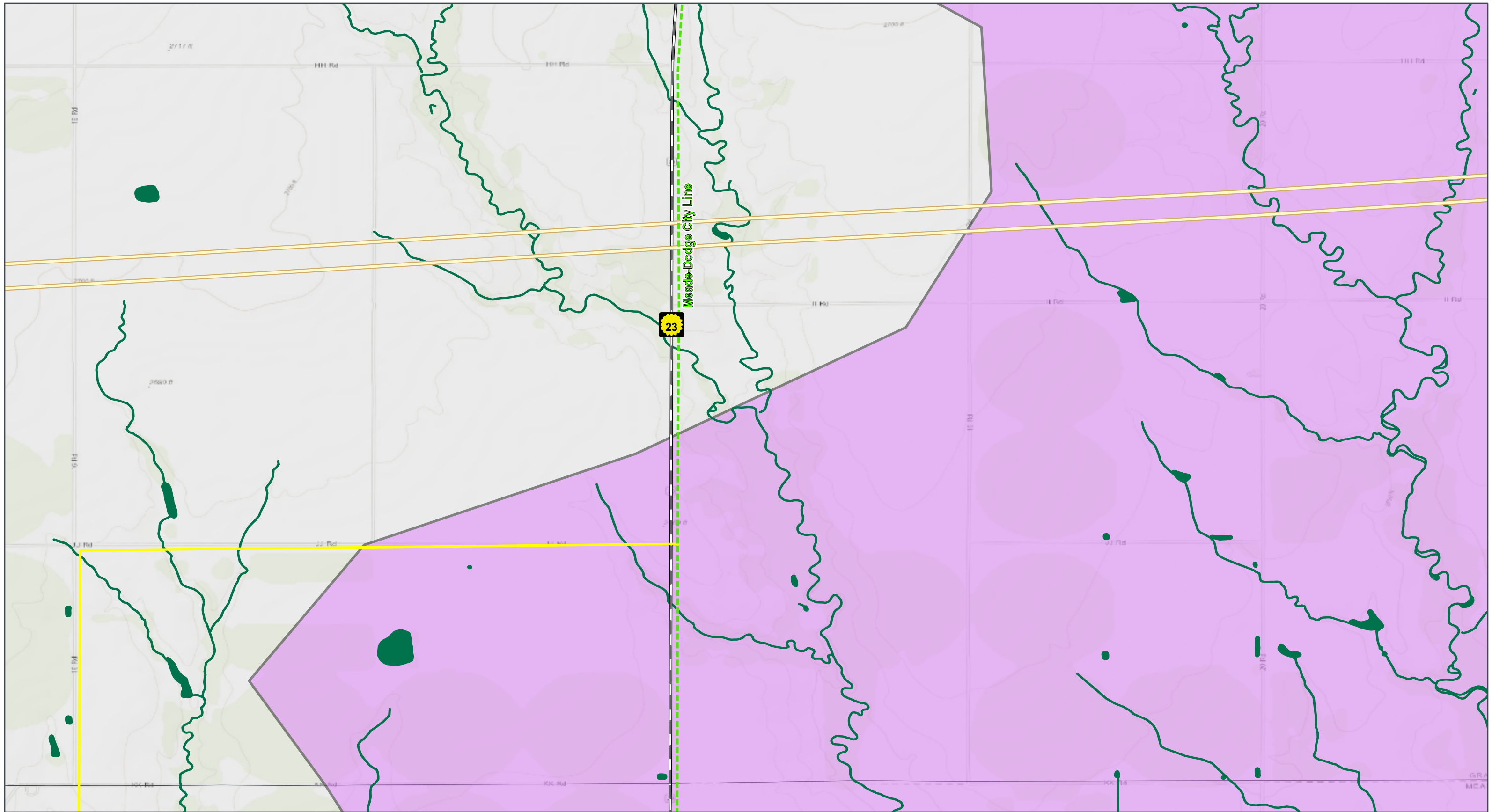
-  Lesser Prairie-Chicken Estimated Occupied Range
- Transportation**
-  State Highway



Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online,
accessed December 2024
Updated: 12/27/2024
Project No. 60694559
Layout: DEIS AC Collector Mapbook
24k





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TRANSMISSION LINE PROJECT
Resource Map Book
Kansas AC Collector
System

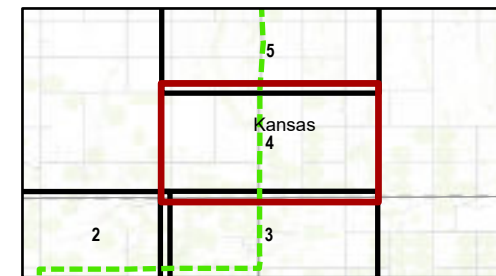
Map 4 of 14



- - - Kansas AC Collector System
- Kansas AC Collector System Alternative Route
- Existing Pipeline
- County Boundary

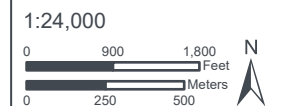
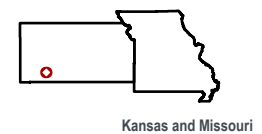
- State Boundary
- Surface Management Agency**
- Private or Unknown
- Hydrology**
- NWI Wetland and Waterbodies

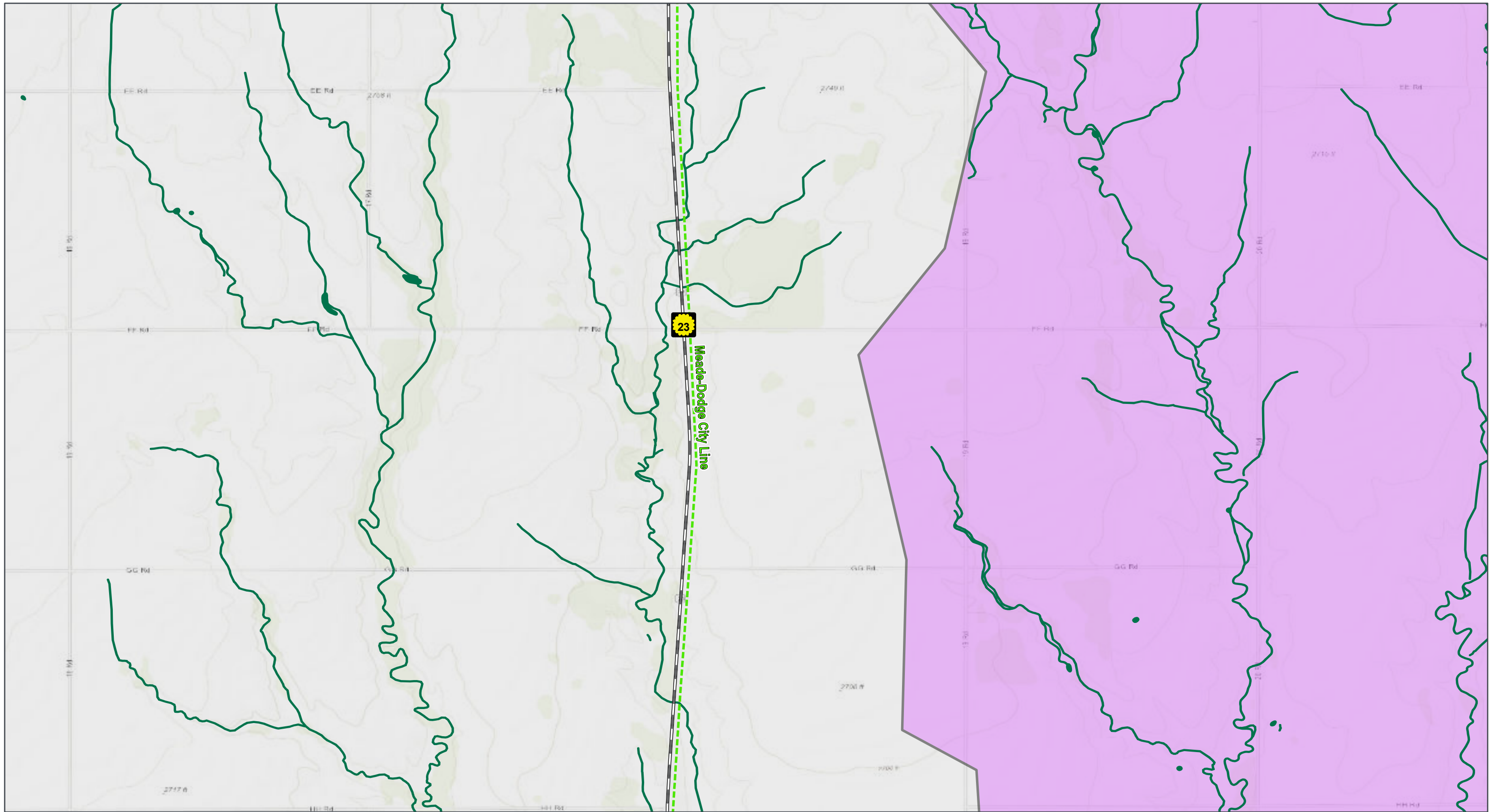
- Sensitive Biological Resources**
- Lesser Prairie-Chicken Estimated Occupied Range
- Transportation**
- State Highway



Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online,
accessed December 2024
Updated: 12/27/2024
Project No. 60694559
Layout: DEIS AC Collector Mapbook
24k





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Kansas AC Collector
System

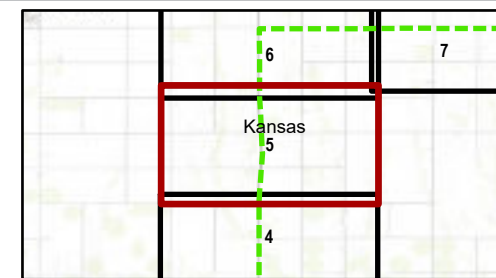
Map 5 of 14



- Kansas AC Collector System
- County Boundary
- State Boundary

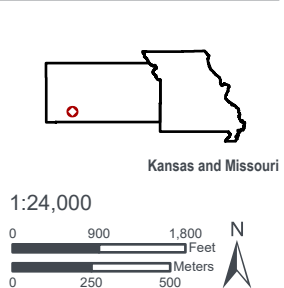
- Surface Management Agency**
- Private or Unknown
- Hydrology**
- NWl Wetland and Waterbodies

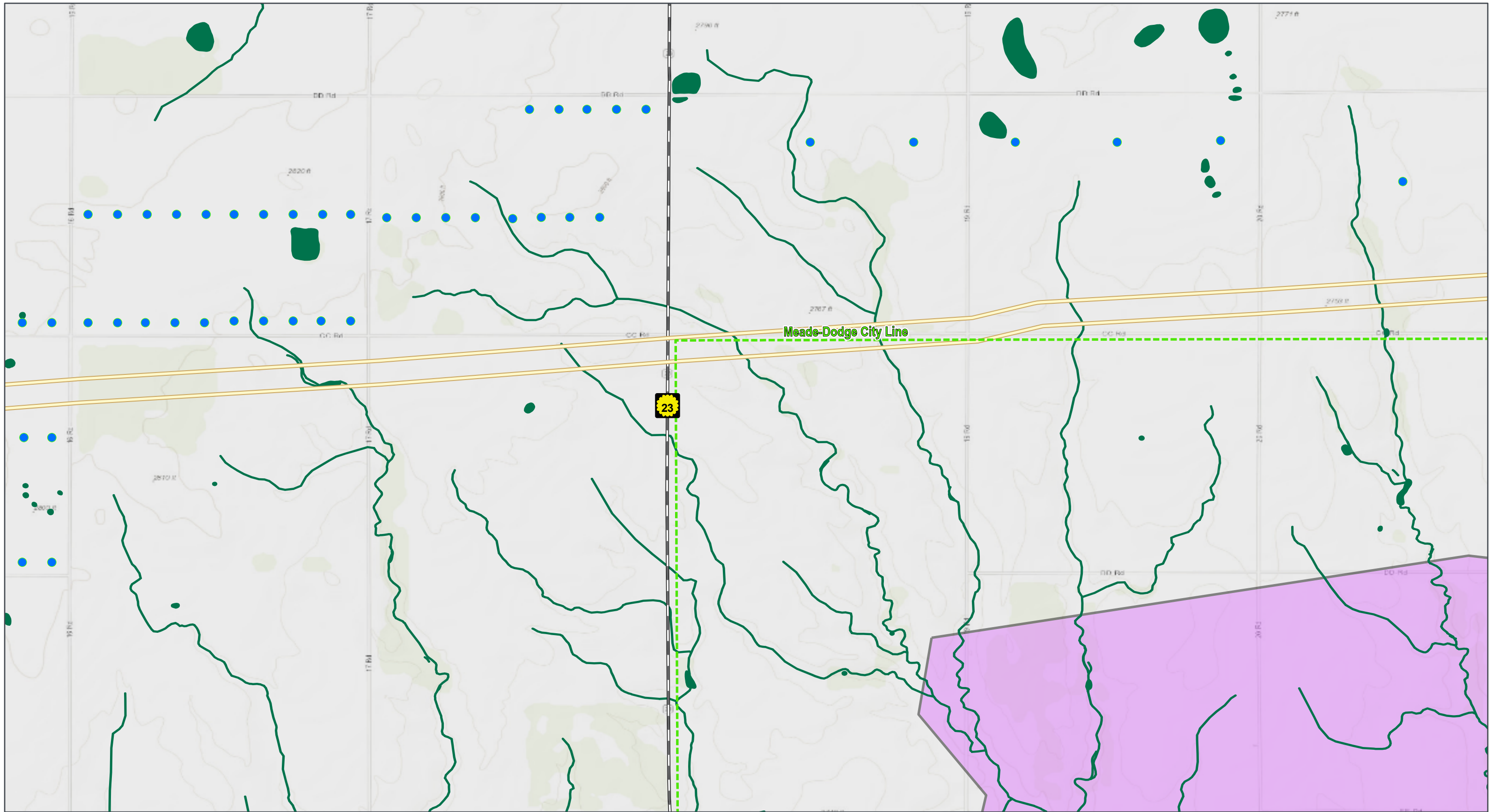
- Sensitive Biological Resources**
- Lesser Prairie-Chicken Estimated Occupied Range
- Transportation**
- State Highway



Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online,
accessed December 2024
Updated: 12/27/2024
Project No. 60694559
Layout: DEIS AC Collector Mapbook
24k





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TRANSMISSION LINE PROJECT

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Kansas AC Collector
System

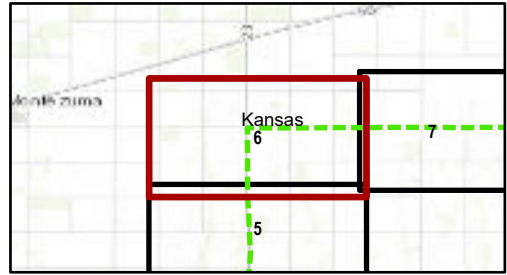
Map 6 of 14



- Kansas AC Collector System
- Existing Wind Turbine
- Existing Pipeline
- County Boundary

- State Boundary
- Surface Management Agency**
- Private or Unknown
- Hydrology**
- NWI Wetland and Waterbodies

- Sensitive Biological Resources**
- Lesser Prairie-Chicken Estimated Occupied Range
- Transportation**
- State Highway



Kansas and Missouri

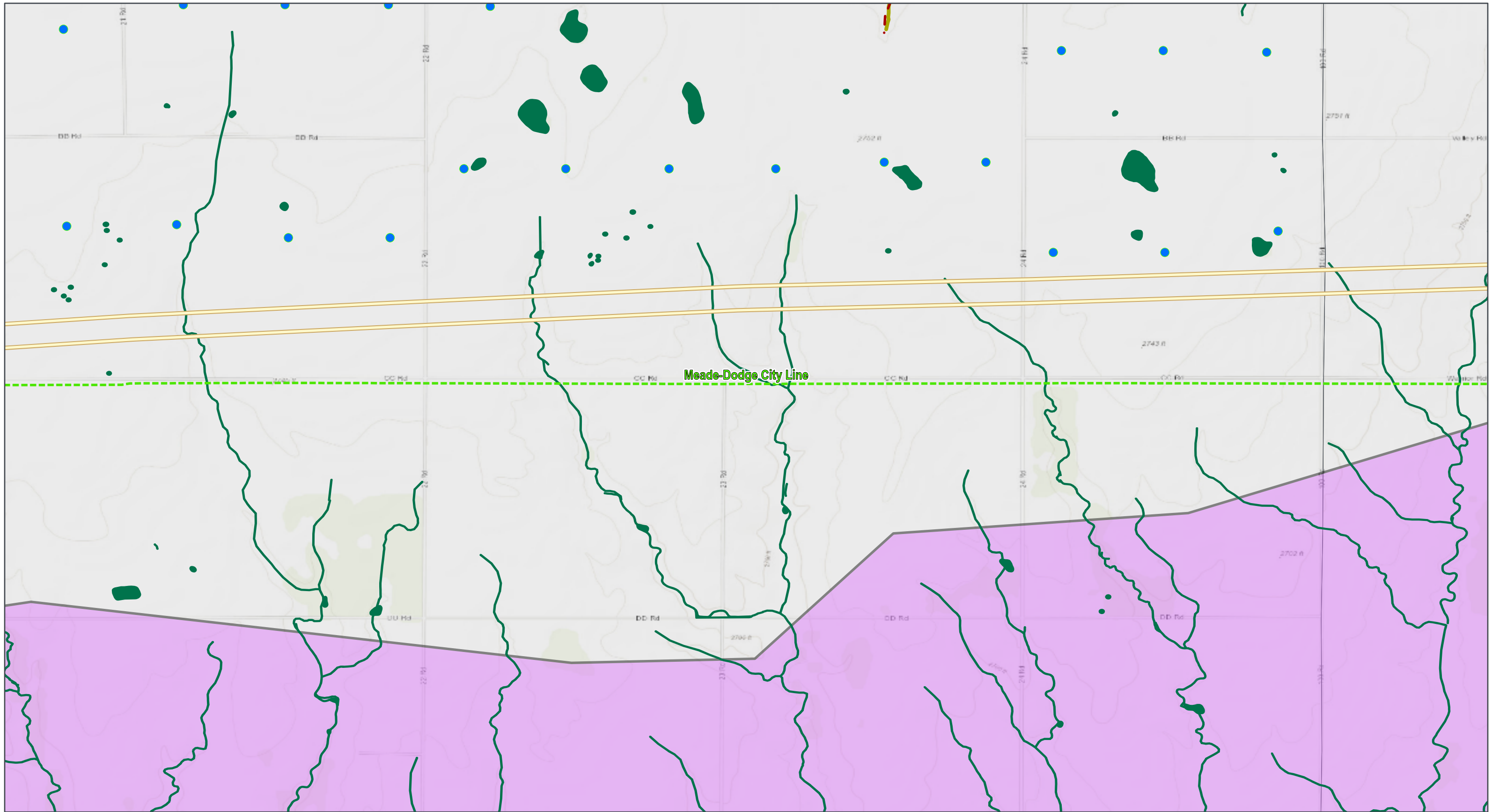
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online,
accessed December 2024
Updated: 12/27/2024
Project No. 60694559
Layout: DEIS AC Collector Mapbook
24k

1:24,000

0 900 1,800 Feet

0 250 500 Meters



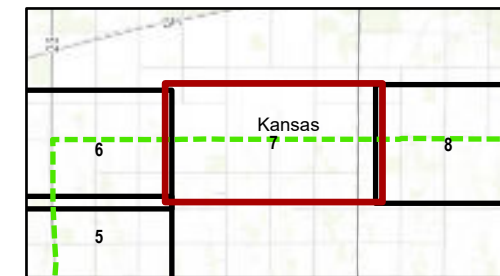
GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT

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Kansas AC Collector
System

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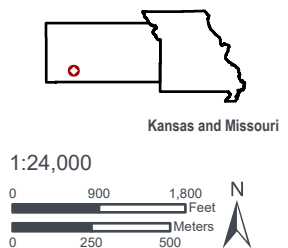


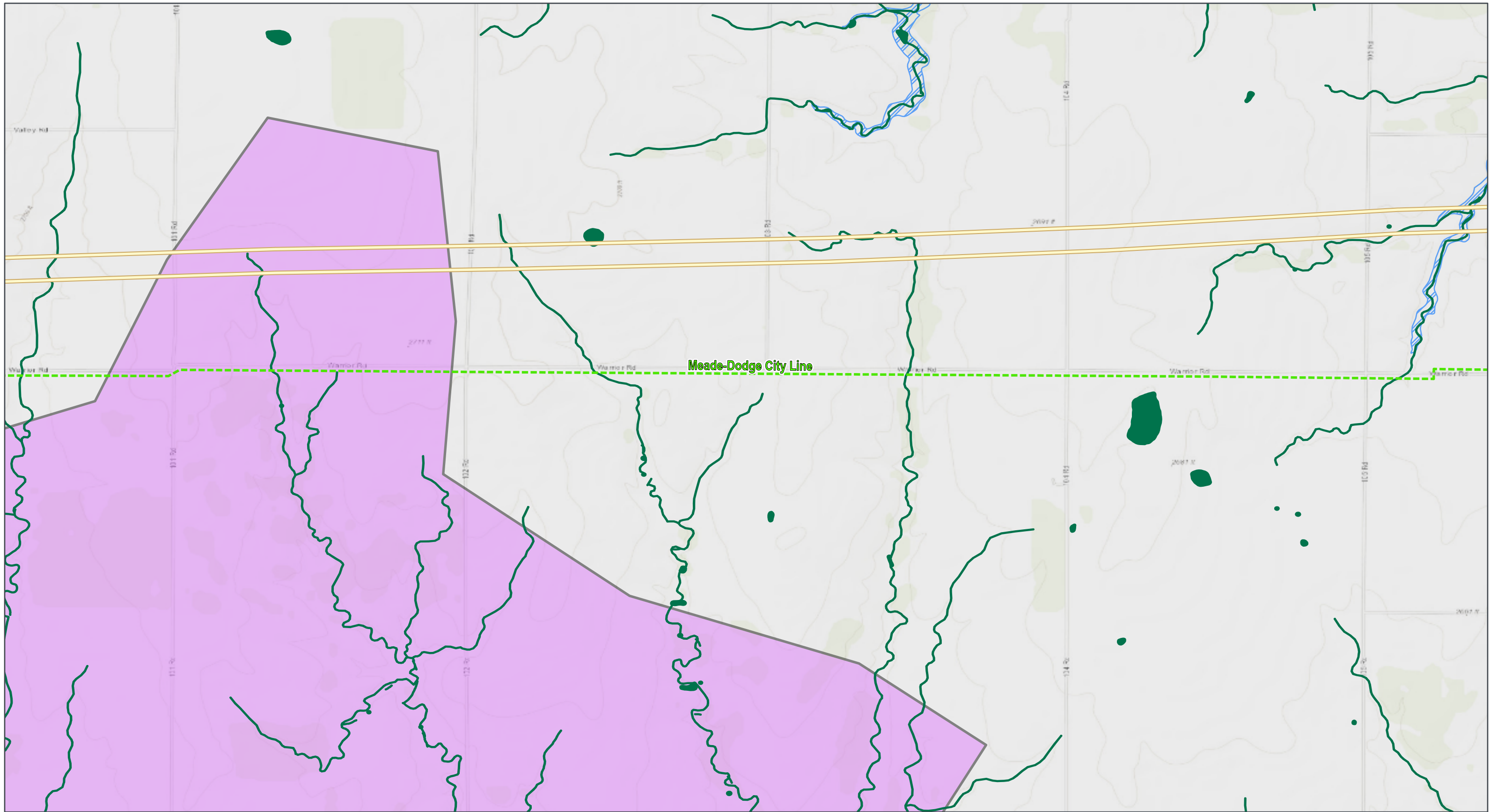
- Kansas AC Collector System
- Existing Wind Turbine
- Existing Pipeline
- County Boundary
- State Boundary
- Surface Management Agency**
- Private or Unknown
- Hydrology**
- Impaired Waterway (303d)
- KDHE Special Status Stream
- NWI Wetland and Waterbodies
- Sensitive Biological Resources**
- Lesser Prairie-Chicken Estimated Occupied Range



Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online,
accessed December 2024
Updated: 12/27/2024
Project No. 60694559
Layout: DEIS AC Collector Mapbook
24k





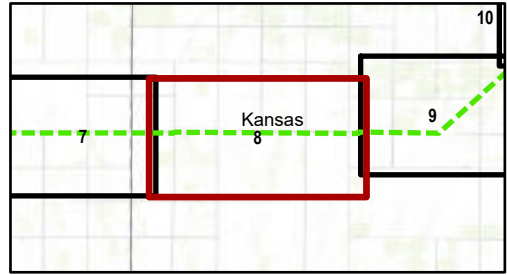
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TRANSMISSION LINE PROJECT

Resource Map Book
Kansas AC Collector
System

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- - - Kansas AC Collector System
- Existing Pipeline
- County Boundary
- State Boundary
- Surface Management Agency**
- Private or Unknown
- Hydrology**
- NWI Wetland and Waterbodies
- 100-year FEMA Floodplain
- Sensitive Biological Resources**
- Lesser Prairie-Chicken Estimated Occupied Range



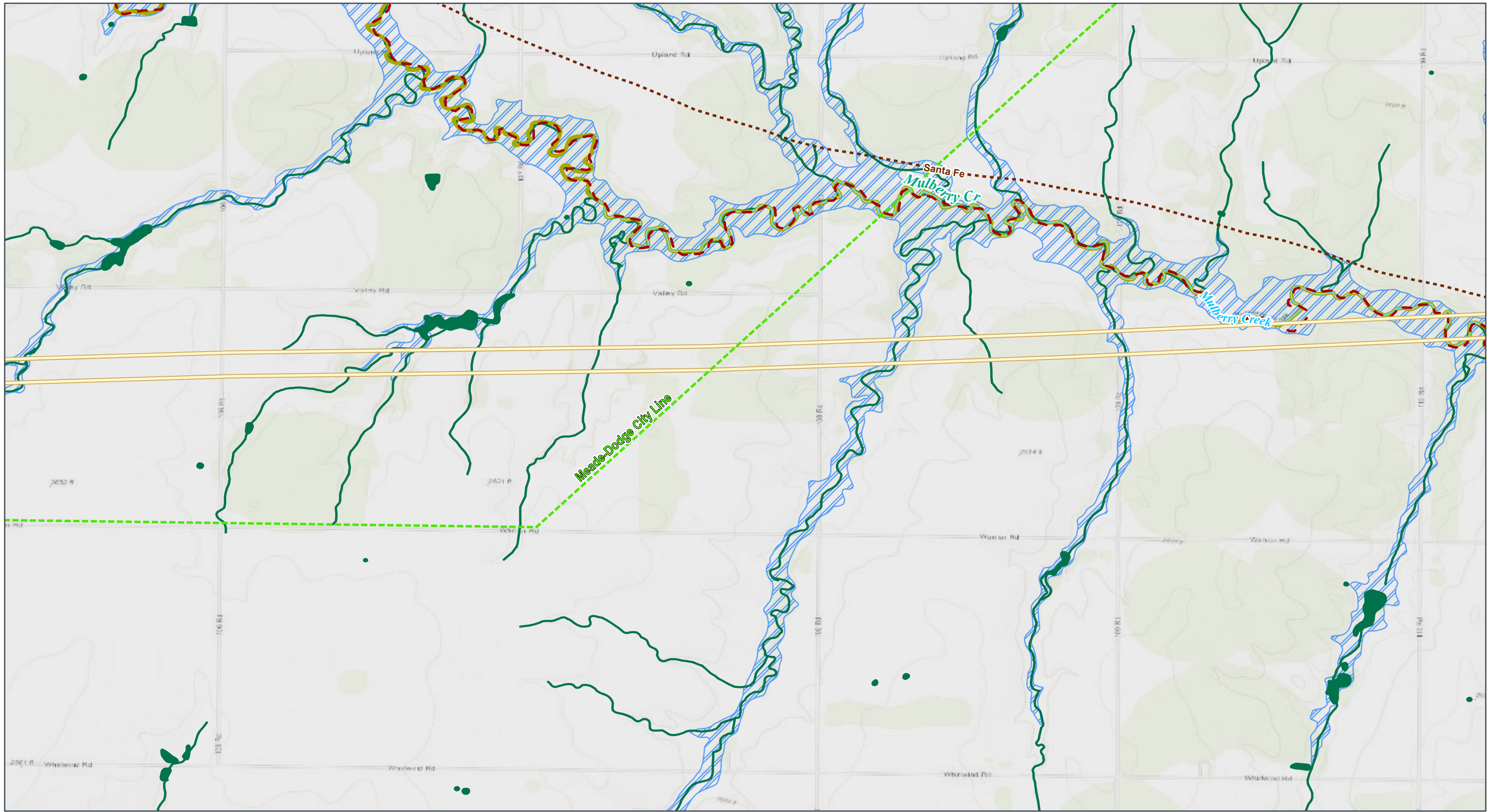
Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Kansas and Missouri

Base Map: Esri ArcGIS Online,
accessed December 2024
Updated: 12/27/2024
Project No. 60694559
Layout: DEIS AC Collector Mapbook
24k

1:24,000

0 900 1,800 Feet
0 250 500 Meters



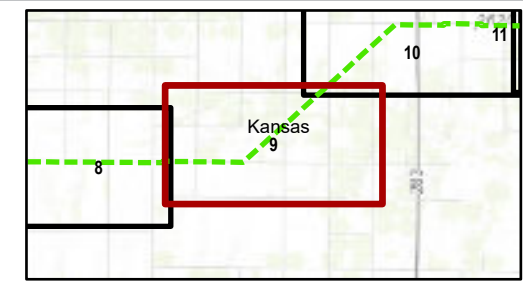
GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT

Resource Map Book
Kansas AC Collector
System

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- | | | |
|--|--|---|
| <ul style="list-style-type: none"> Kansas AC Collector System Existing Pipeline County Boundary State Boundary | <p>Surface Management Agency</p> <ul style="list-style-type: none"> Private or Unknown <p>Hydrology</p> <ul style="list-style-type: none"> NHD Stream/River Impaired Waterway (303d) | <ul style="list-style-type: none"> KDHE Special Status Stream NWI Wetland and Waterbodies 100-year FEMA Floodplain <p>Cultural and Scenic Resources</p> <ul style="list-style-type: none"> National Historic Trail |
|--|--|---|



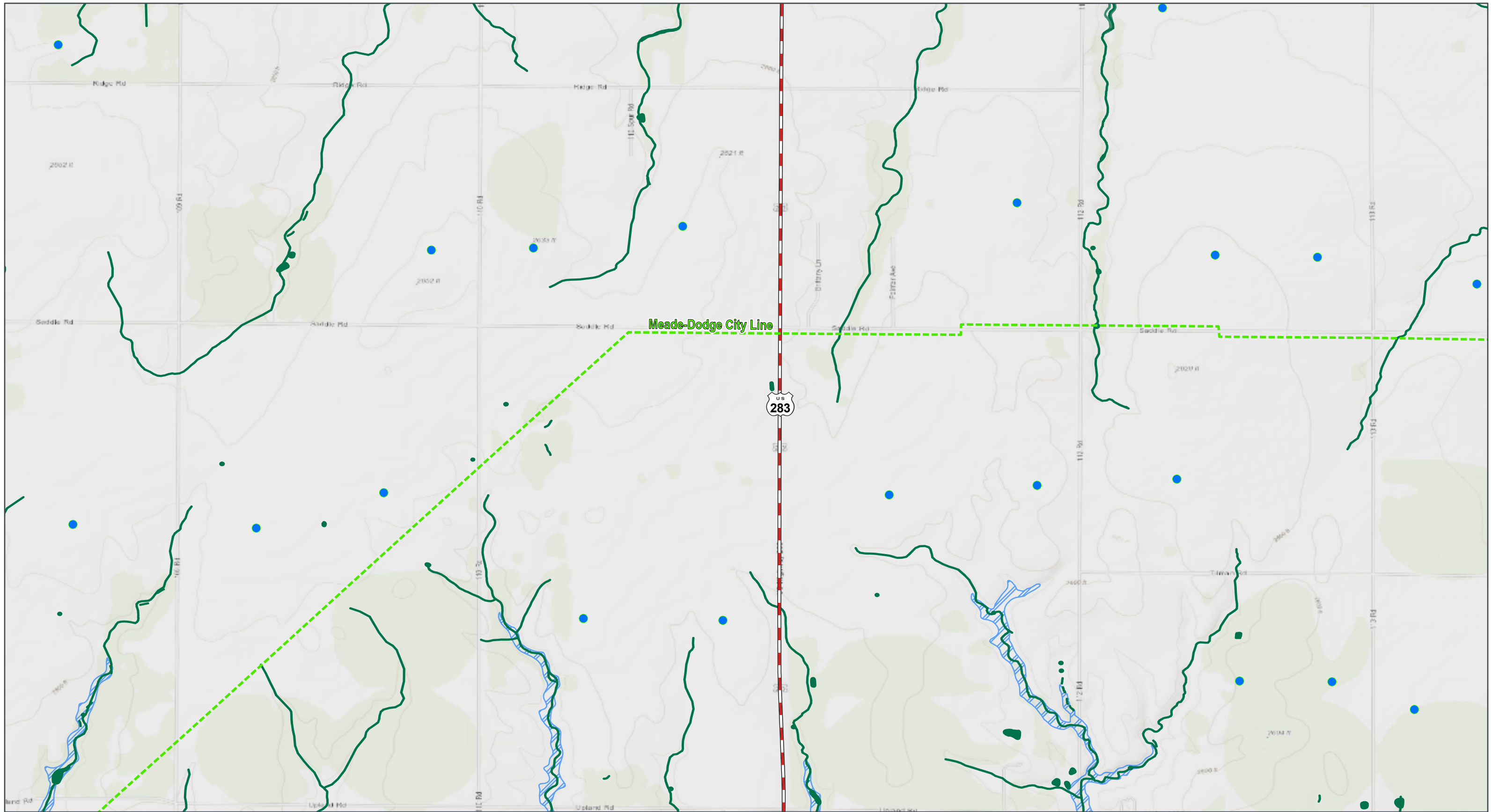
Kansas and Missouri

GCS North American 1983
38.3365°N 95.5783°W

Kansas and Missouri

Base Map: Esri ArcGIS Online,
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Updated: 12/27/2024
Project No. 60694559
Layout: DEIS AC Collector Mapbook
24k

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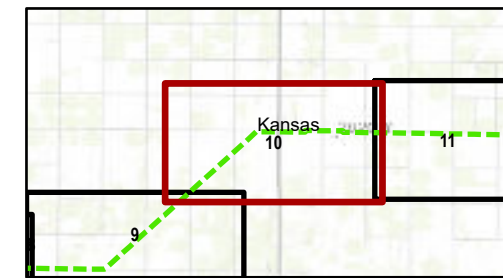
GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT

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Kansas AC Collector
System

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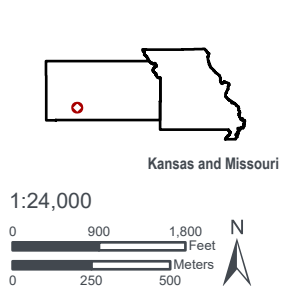


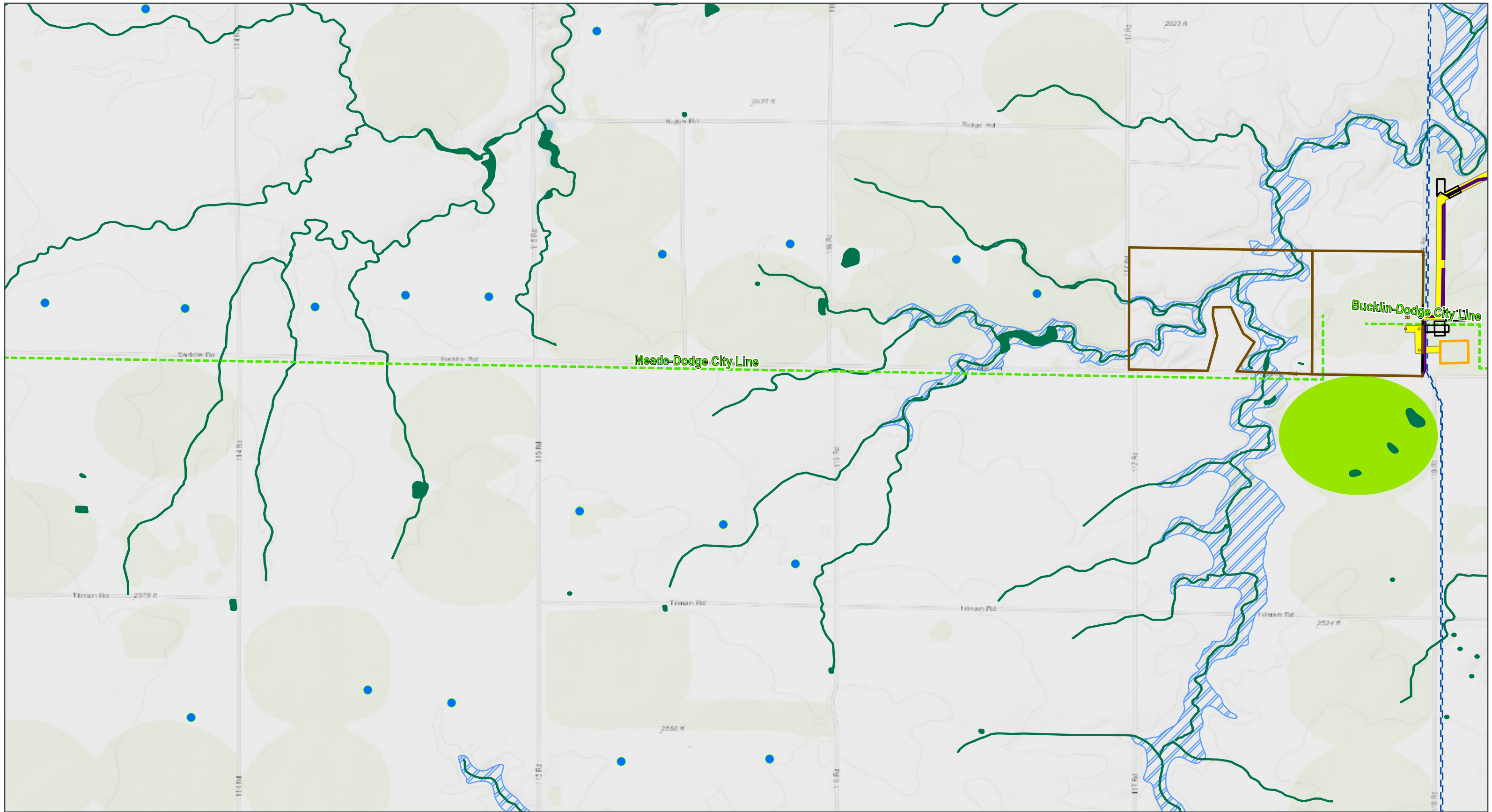
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| <ul style="list-style-type: none"> --- Kansas AC Collector System ● Existing Wind Turbine County Boundary State Boundary | <p>Surface Management Agency</p> <ul style="list-style-type: none"> Private or Unknown <p>Hydrology</p> <ul style="list-style-type: none"> NWI Wetland and Waterbodies | <ul style="list-style-type: none"> 100-year FEMA Floodplain 500-year FEMA Floodplain <p>Transportation</p> <ul style="list-style-type: none"> U.S. Highway |
|--|--|--|



Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online,
accessed December 2024
Updated: 12/27/2024
Project No. 60694559
Layout: DEIS AC Collector Mapbook
24k





GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT

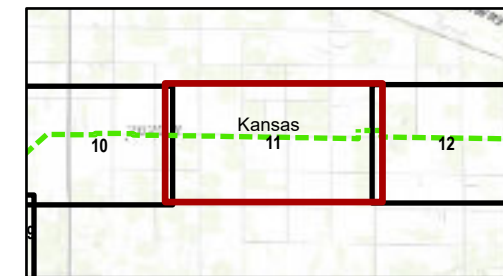
Resource Map Book
Kansas AC Collector
System

Map 11 of 14



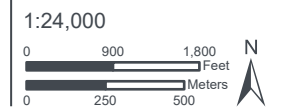
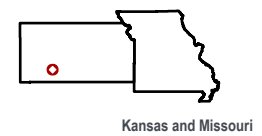
- - - Kansas AC Collector System
- Existing ITC Great Plains Saddle Substation
- Access Road
- Converter Station Parcel
- Pull Site/Tension Site
- ROW
- Existing Wind Turbine
- Transmission Lines (115kV or Higher)
- County Boundary
- State Boundary

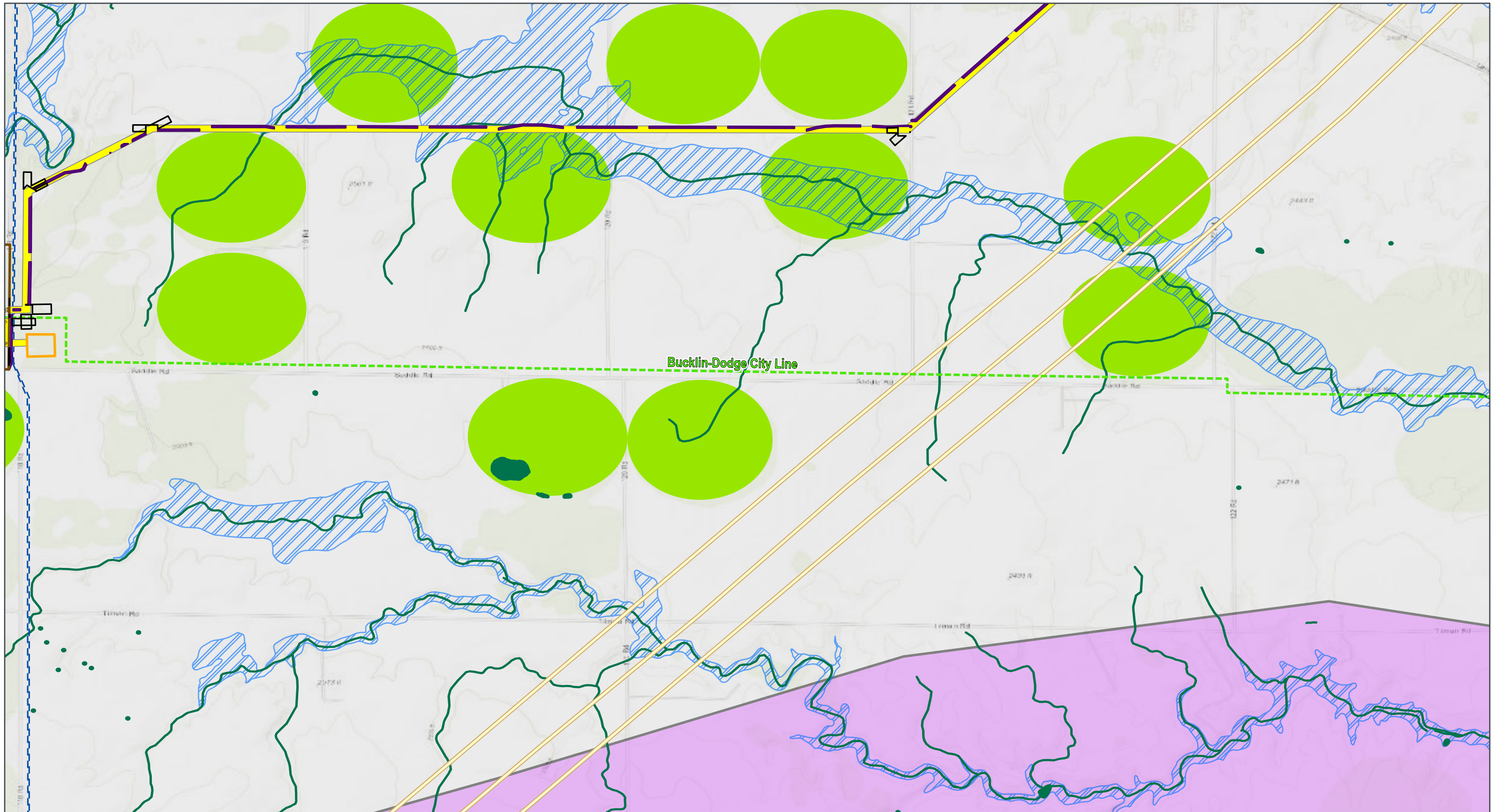
- Surface Management Agency**
- Private or Unknown
- Hydrology**
- NWI Wetland and Waterbodies
 - Center Pivot Irrigation Area
 - 100-year FEMA Floodplain



Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online,
accessed December 2024
Updated: 12/27/2024
Project No. 60694559
Layout: DEIS AC Collector Mapbook
24k





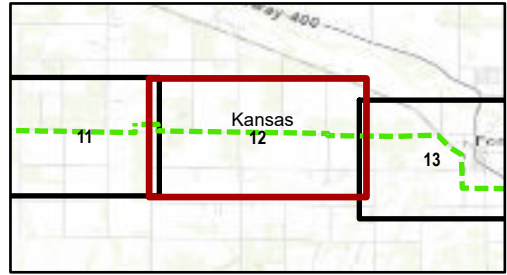
GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT

**Resource Map Book
Kansas AC Collector
System**

Map 12 of 14

- Kansas AC Collector System
- Existing ITC Great Plains Saddle Substation
- Access Road
- Converter Station Parcel
- Pull Site/Tension Site
- ROW
- Transmission Lines (115kV or Higher)
- Existing Pipeline
- County Boundary
- State Boundary
- Surface Management Agency**
- Private or Unknown

- Hydrology**
- NWI Wetland and Waterbodies
 - Center Pivot Irrigation Area
 - 100-year FEMA Floodplain
- Sensitive Biological Resources**
- Lesser Prairie-Chicken Estimated Occupied Range

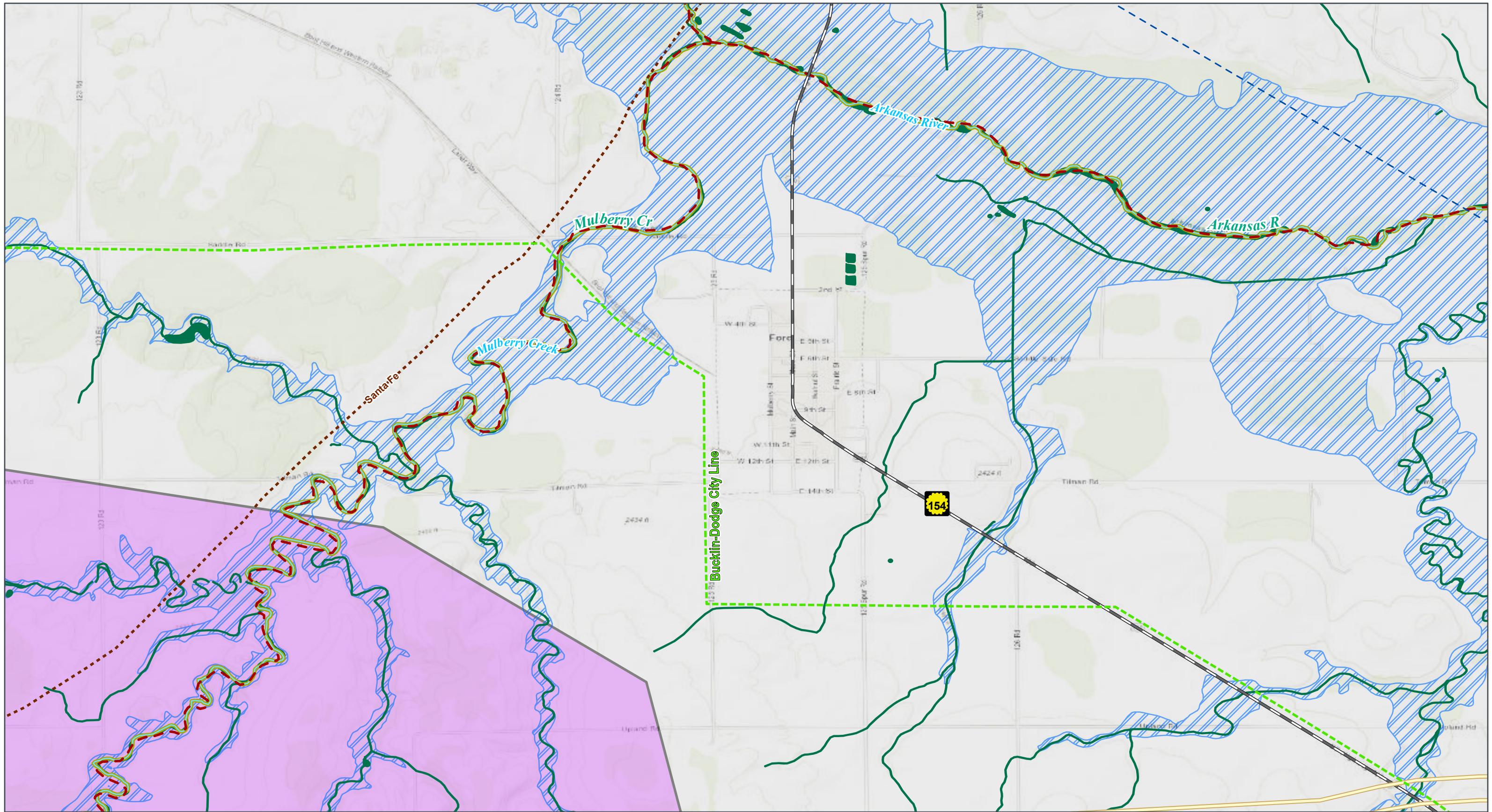


Kansas and Missouri

GCS North American 1983
38.3365°N 95.5783°W

1:24,000

Base Map: Esri ArcGIS Online, accessed December 2024
Updated: 12/27/2024
Project No. 60694559
Layout: DEIS AC Collector Mapbook 24k



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Resource Map Book
Kansas AC Collector
System

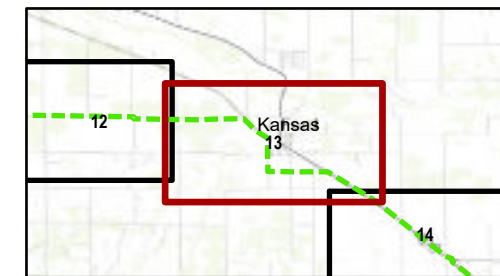
Map 13 of 14



- - - Kansas AC Collector System
- - - Transmission Lines (115kV or Higher)
- Existing Pipeline
- County Boundary
- State Boundary

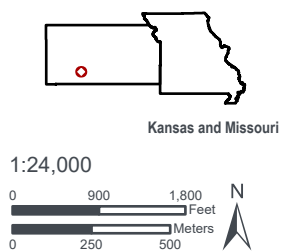
- Surface Management Agency**
- Private or Unknown
- Hydrology**
- NHD Stream/River
 - Impaired Waterway (303d)
 - KDHE Special Status Stream
 - NWI Wetland and Waterbodies
 - 100-year FEMA Floodplain

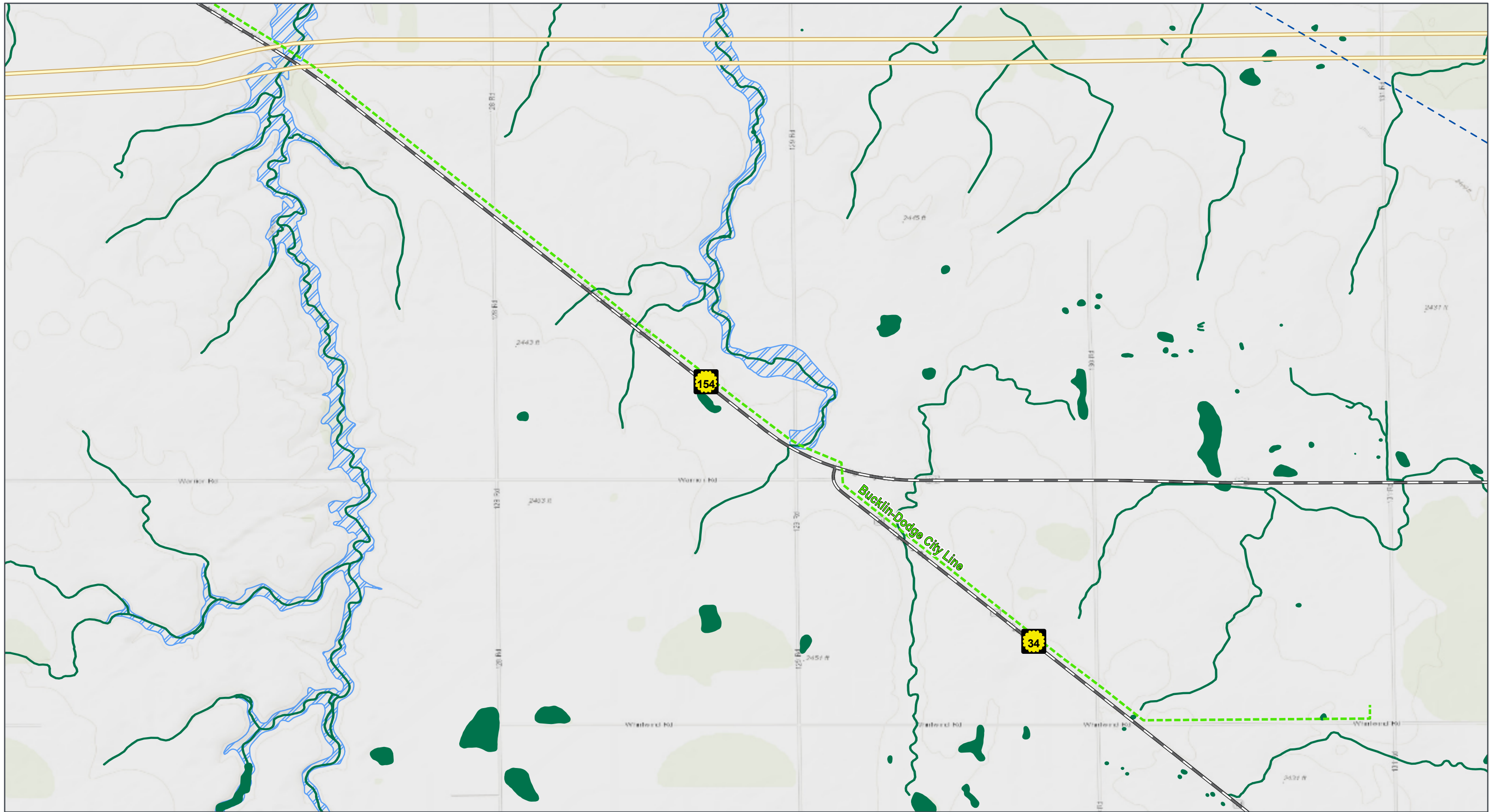
- Sensitive Biological Resources**
- Lesser Prairie-Chicken Estimated Occupied Range
- Cultural and Scenic Resources**
- - - National Historic Trail
- Transportation**
- State Highway



Kansas and Missouri
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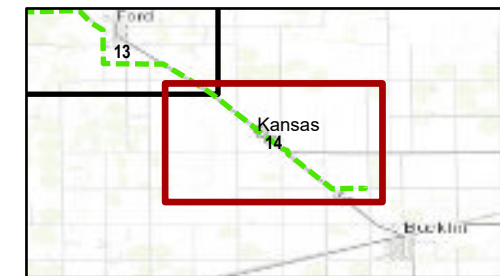


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System

Map 14 of 14

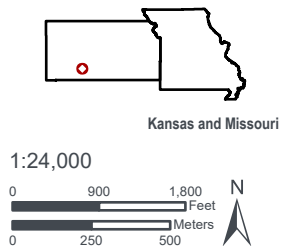


- | | | |
|--------------------------------------|----------------------------------|--------------------------|
| Kansas AC Collector System | State Boundary | 100-year FEMA Floodplain |
| Transmission Lines (115kV or Higher) | Surface Management Agency | Transportation |
| Existing Pipeline | Private or Unknown | State Highway |
| County Boundary | Hydrology | |
| | NWI Wetland and Waterbodies | |



Kansas and Missouri
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