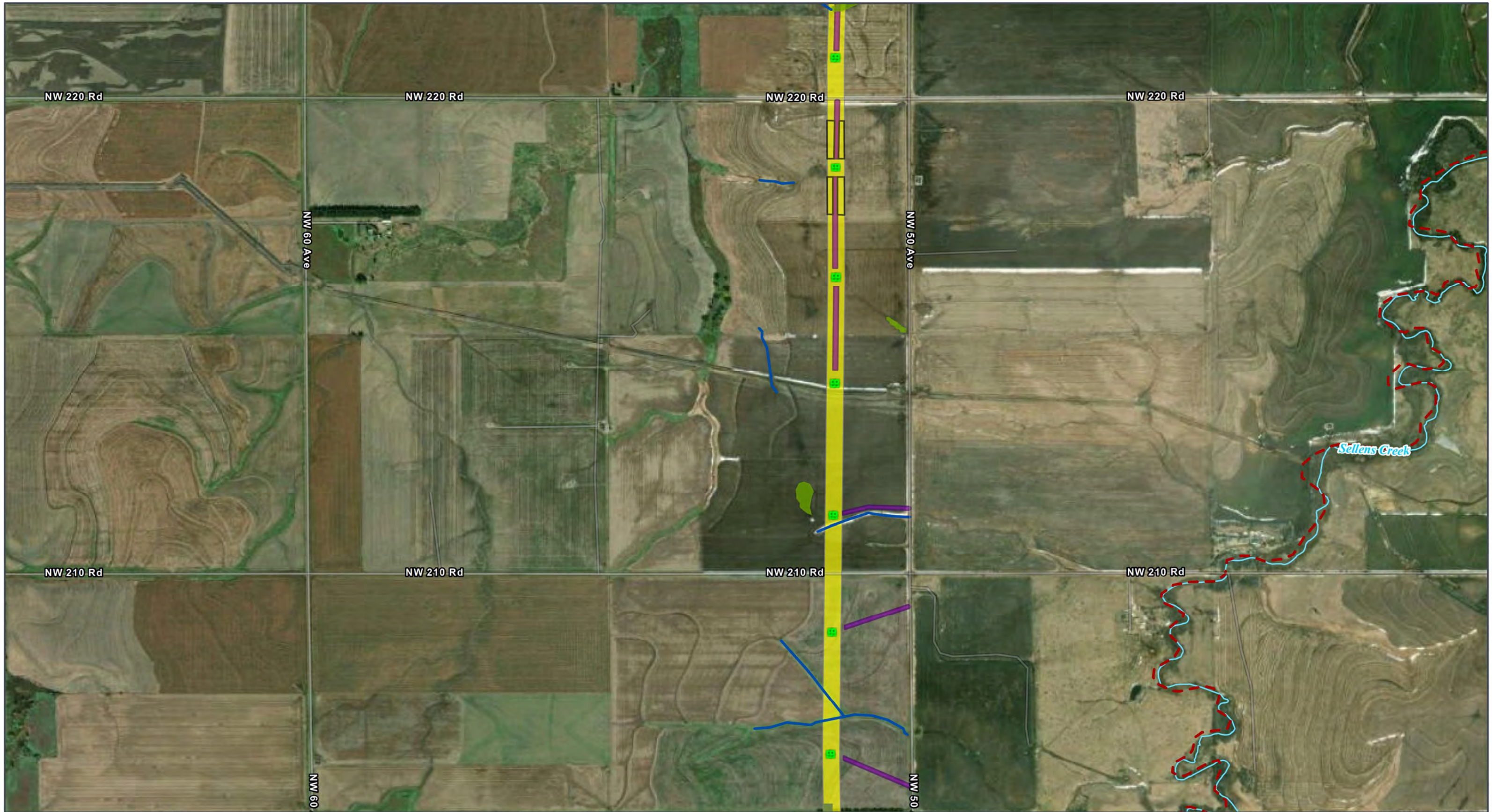


**Grain Belt Express Transmission Line
Environmental Impact Statement
Appendix 3.4: Wetlands and Waters Maps**

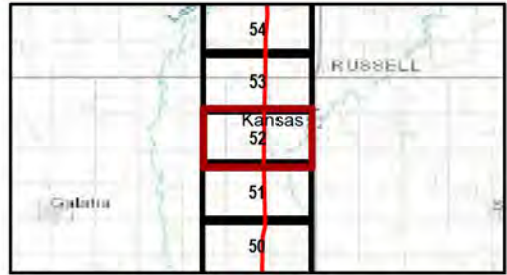
Continued



GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
Wetlands Map Book
Map 52 of 259

- | | | |
|------------------------------------|------------------------------------|---------------------------|
| ROW | Temporary Project Component | NHD Stream/River |
| Permanent Project Component | Access Road | Impaired Waterway (303d) |
| Transmission Structure | Pull Site/Tension Site | Delineated Wetland |
| Habitat Conversion | Hydrology | Palustrine Emergent (PEM) |
| Vegetation Clearing | Delineated Stream | |

All disturbance areas are likely an over-estimation of direct impacts and based on assumptions presented in the Chapter 2 disturbance model (Table 2-1). These impact areas will be refined and finalized once field surveys are complete and avoidance and/or mitigation measures are implemented

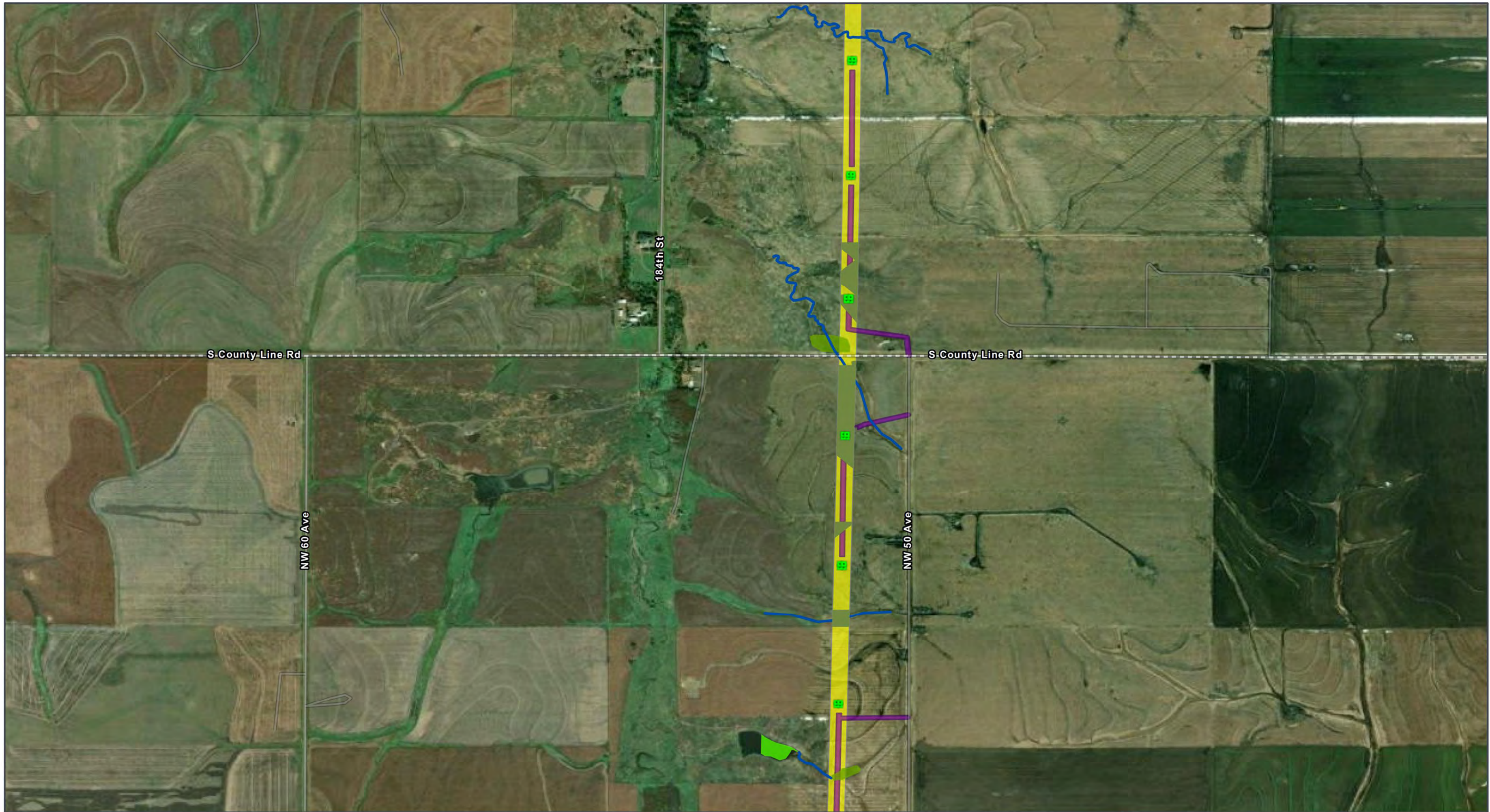


Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k

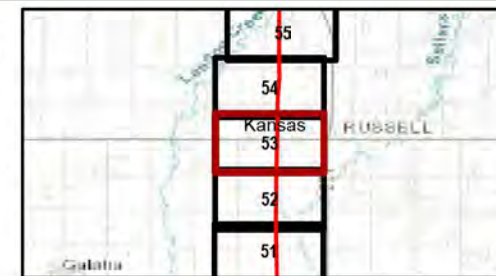
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0 400 800 Feet
0 100 200 Meters



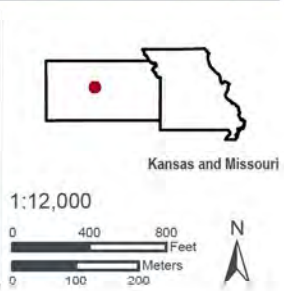
- | | | |
|---|---|---|
| <p>ROW</p> <p>Permanent Project Component</p> <ul style="list-style-type: none"> ■ Transmission Structure <p>Habitat Conversion</p> <ul style="list-style-type: none"> ■ Vegetation Clearing | <p>Temporary Project Component</p> <ul style="list-style-type: none"> ■ Access Road <p>Hydrology</p> <ul style="list-style-type: none"> — Delineated Stream | <p>Delineated Wetland</p> <ul style="list-style-type: none"> ■ Palustrine Emergent (PEM) ■ Palustrine Unconsolidated Bottom (PUB) |
|---|---|---|

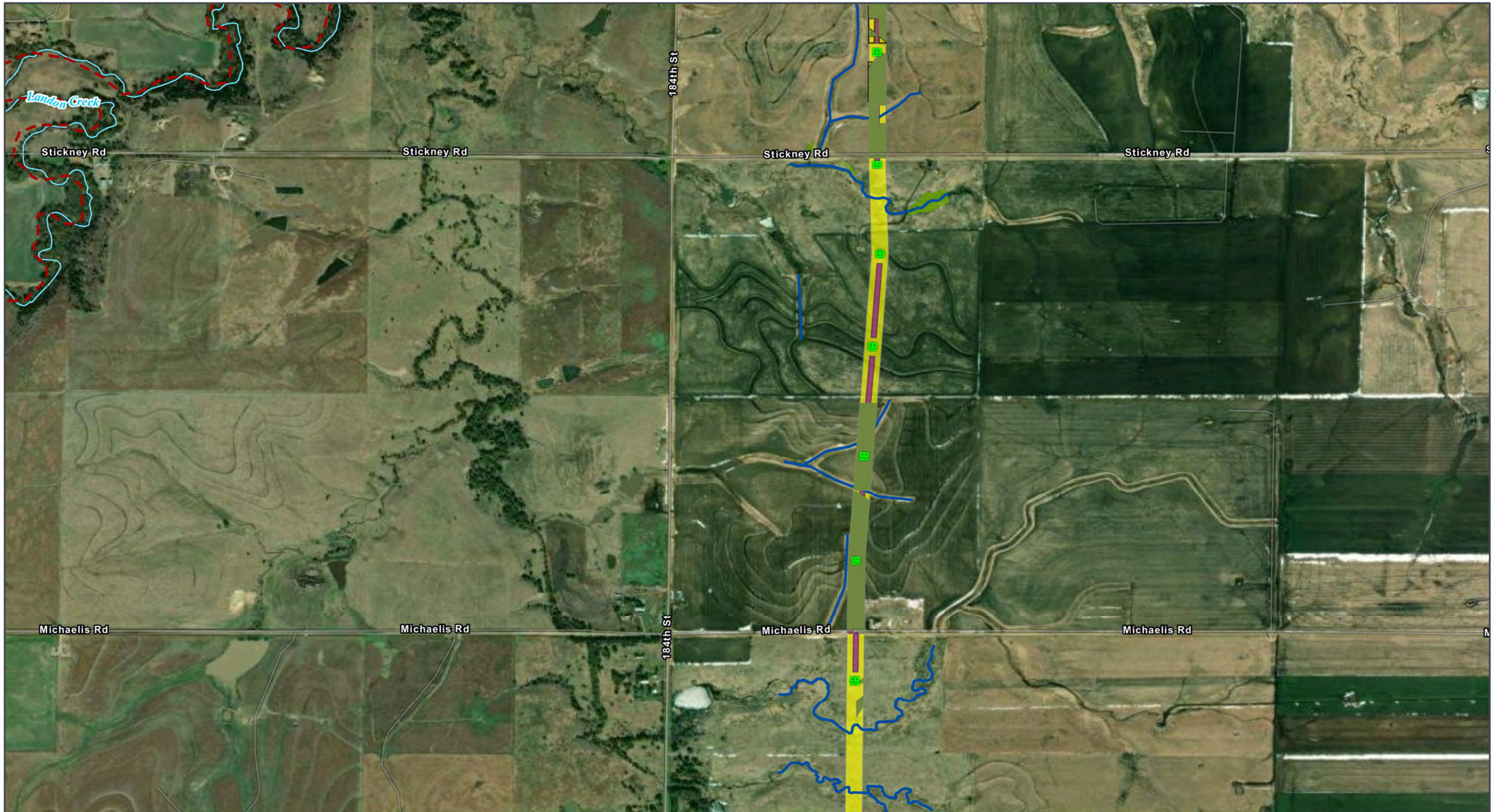
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online,
accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
Apn: WetlandMapBook_12k

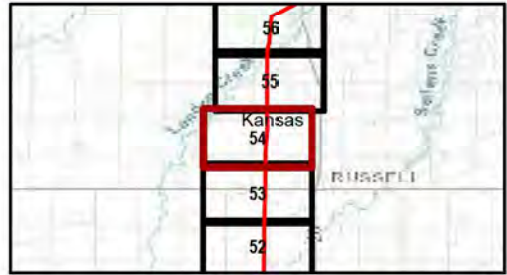




GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
Wetlands Map Book
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- | | | |
|------------------------------------|------------------------------------|---------------------------|
| ROW | Temporary Project Component | NHD Stream/River |
| Permanent Project Component | Access Road | Impaired Waterway (303d) |
| Transmission Structure | Pull Site/Tension Site | Delineated Wetland |
| Habitat Conversion | Hydrology | Palustrine Emergent (PEM) |
| Vegetation Clearing | Delineated Stream | |

All disturbance areas are likely an over-estimation of direct impacts and based on assumptions presented in the Chapter 2 disturbance model (Table 2-1). These impact areas will be refined and finalized once field surveys are complete and avoidance and/or mitigation measures are implemented

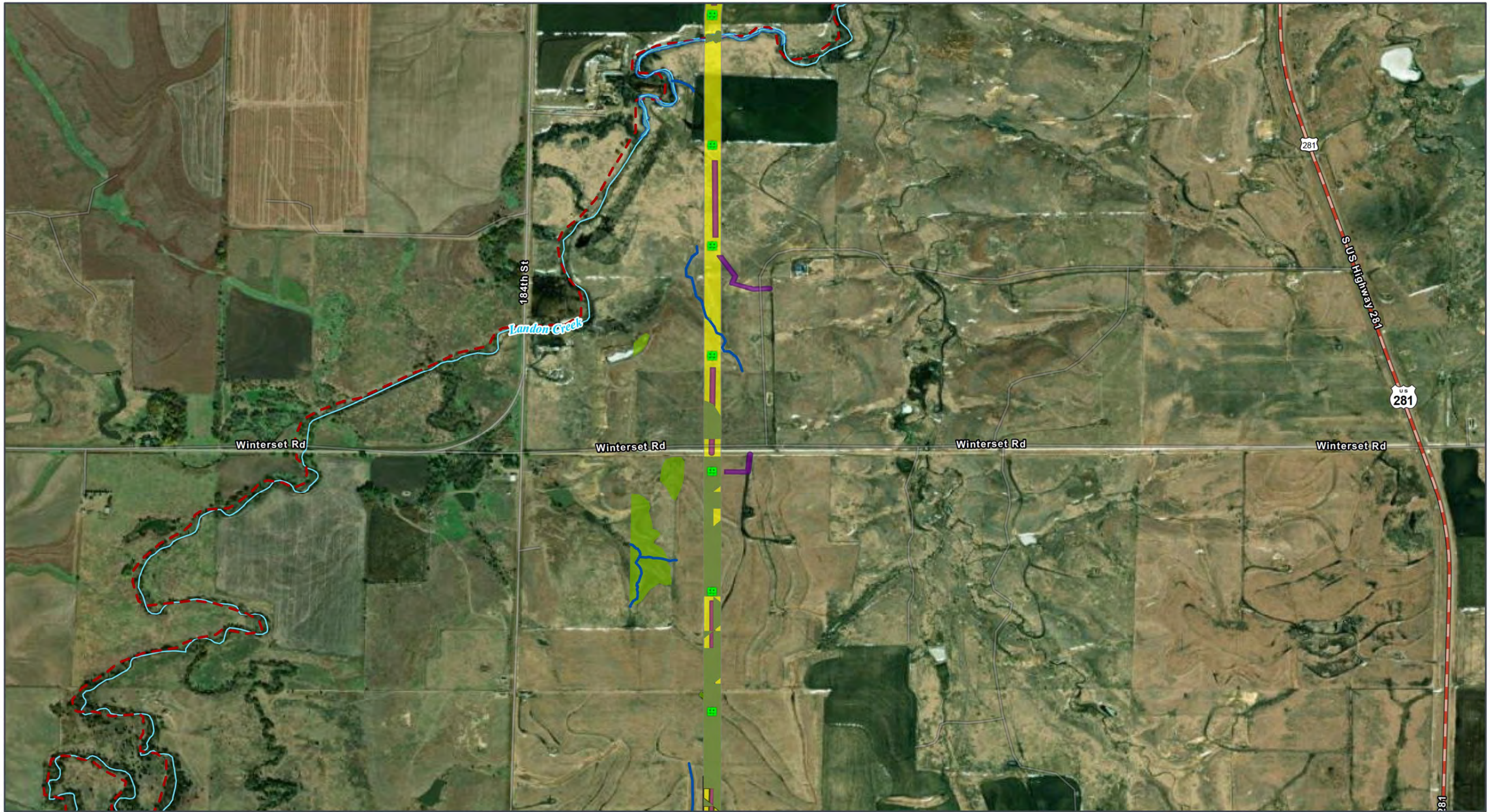


Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

1:12,000

Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k

Kansas and Missouri



GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
Wetlands Map Book
Map 55 of 259

- | | | |
|------------------------------------|------------------------------------|---------------------------|
| ROW | Temporary Project Component | Impaired Waterway (303d) |
| Permanent Project Component | Access Road | Delineated Wetland |
| Transmission Structure | Pull Site/Tension Site | Palustrine Emergent (PEM) |
| Habitat Conversion | Hydrology | Delineated Waterbody |
| Vegetation Clearing | Delineated Stream | Transportation |
| | NHD Stream/River | U.S. Highway |

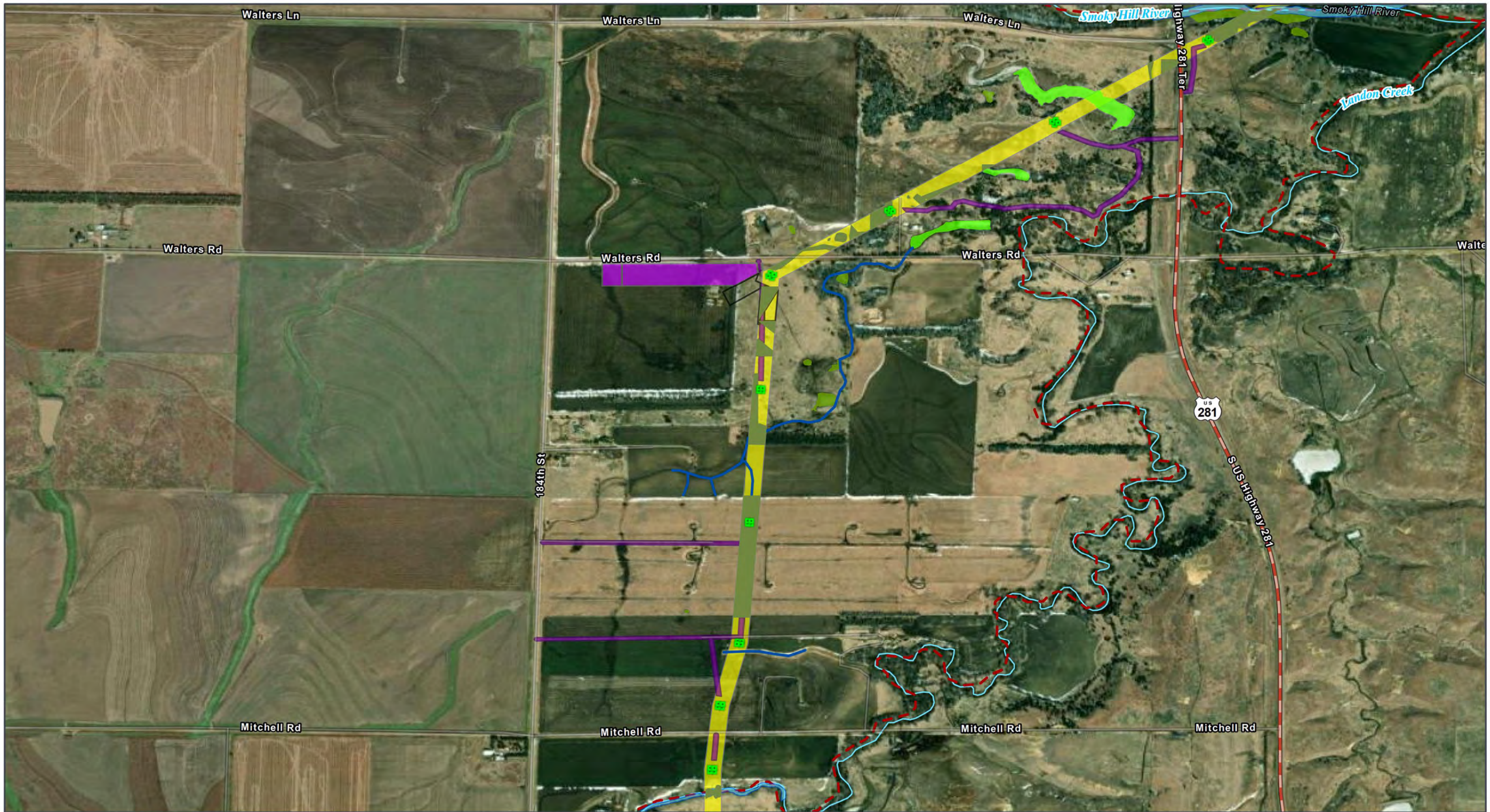
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

1:12,000

Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k



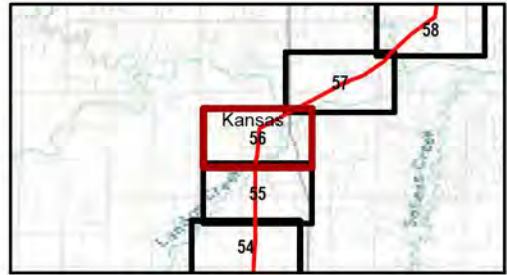
GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
Wetlands Map Book
Map 56 of 259



- ROW
- Permanent Project Component**
- Transmission Structure
- Habitat Conversion**
- Vegetation Clearing
- Temporary Project Component**
- Access Road
- Helipad / Fly Yard
- Pull Site/Tension Site
- Hydrology**
- Delineated Stream
- NHD Stream/River
- Impaired Waterway (303d)

- Delineated Wetland**
- Palustrine Emergent (PEM)
- Palustrine Unconsolidated Bottom (PUB)
- Delineated Waterbody
- Transportation**
- U.S. Highway

All disturbance areas are likely an over-estimation of direct impacts and based on assumptions presented in the Chapter 2 disturbance model (Table 2-1). These impact areas will be refined and finalized once field surveys are complete and avoidance and/or mitigation measures are implemented

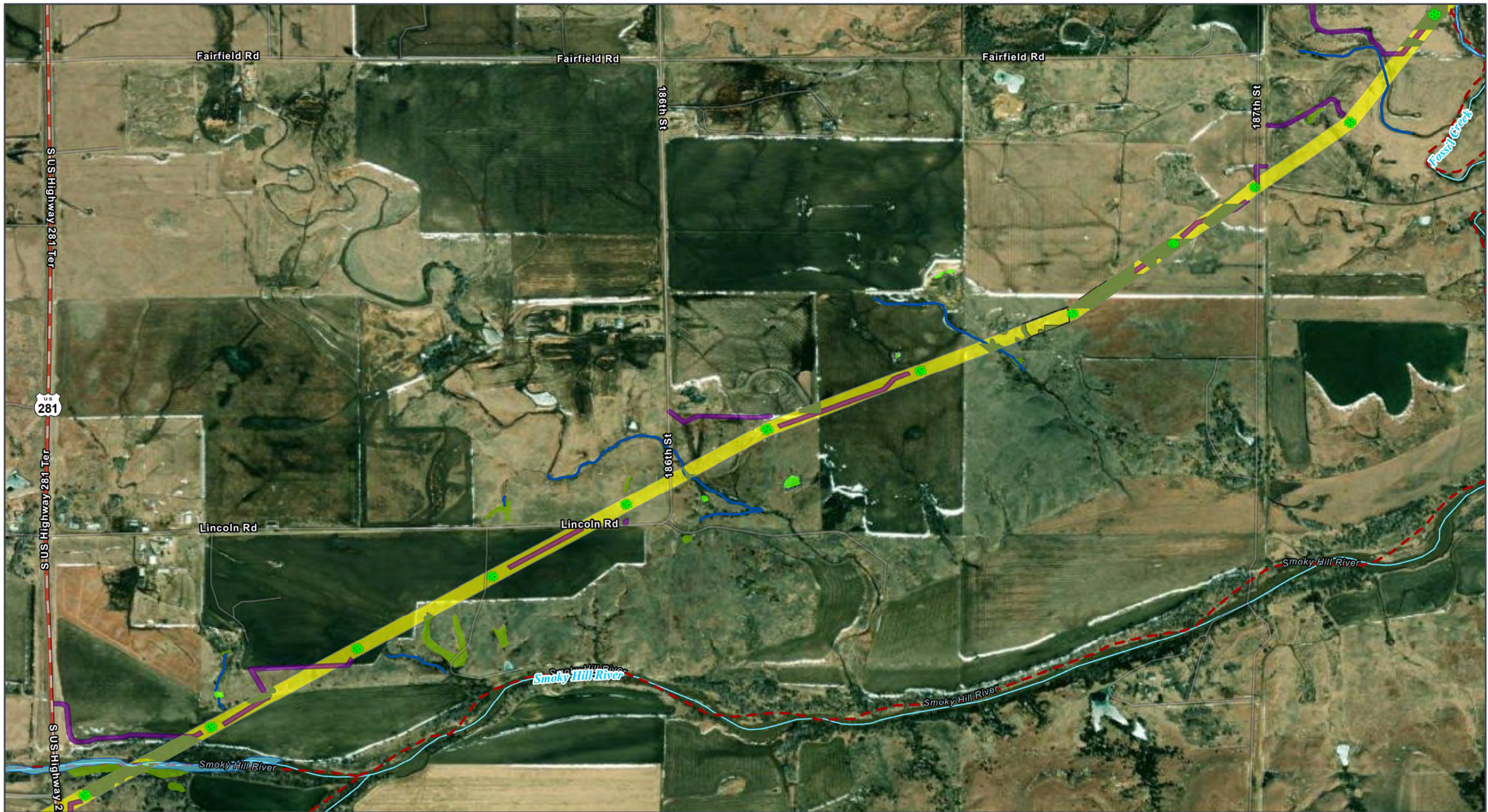


Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

1:12,000

Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k

Kansas and Missouri



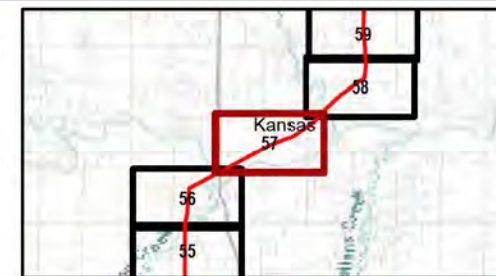
GRAIN BELT EXPRESS TRANSMISSION LINE PROJECT

Wetlands Map Book

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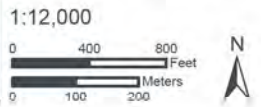
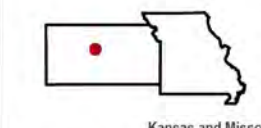
- | | | |
|------------------------------------|---------------------------|--|
| ROW | Pull Site/Tension Site | Palustrine Unconsolidated Bottom (PUB) |
| Permanent Project Component | Hydrology | Delineated Waterbody |
| Transmission Structure | Delineated Stream | Transportation |
| Habitat Conversion | NHD Stream/River | U.S. Highway |
| Vegetation Clearing | Impaired Waterway (303d) | |
| Temporary Project Component | Delineated Wetland | |
| Access Road | Palustrine Emergent (PEM) | |

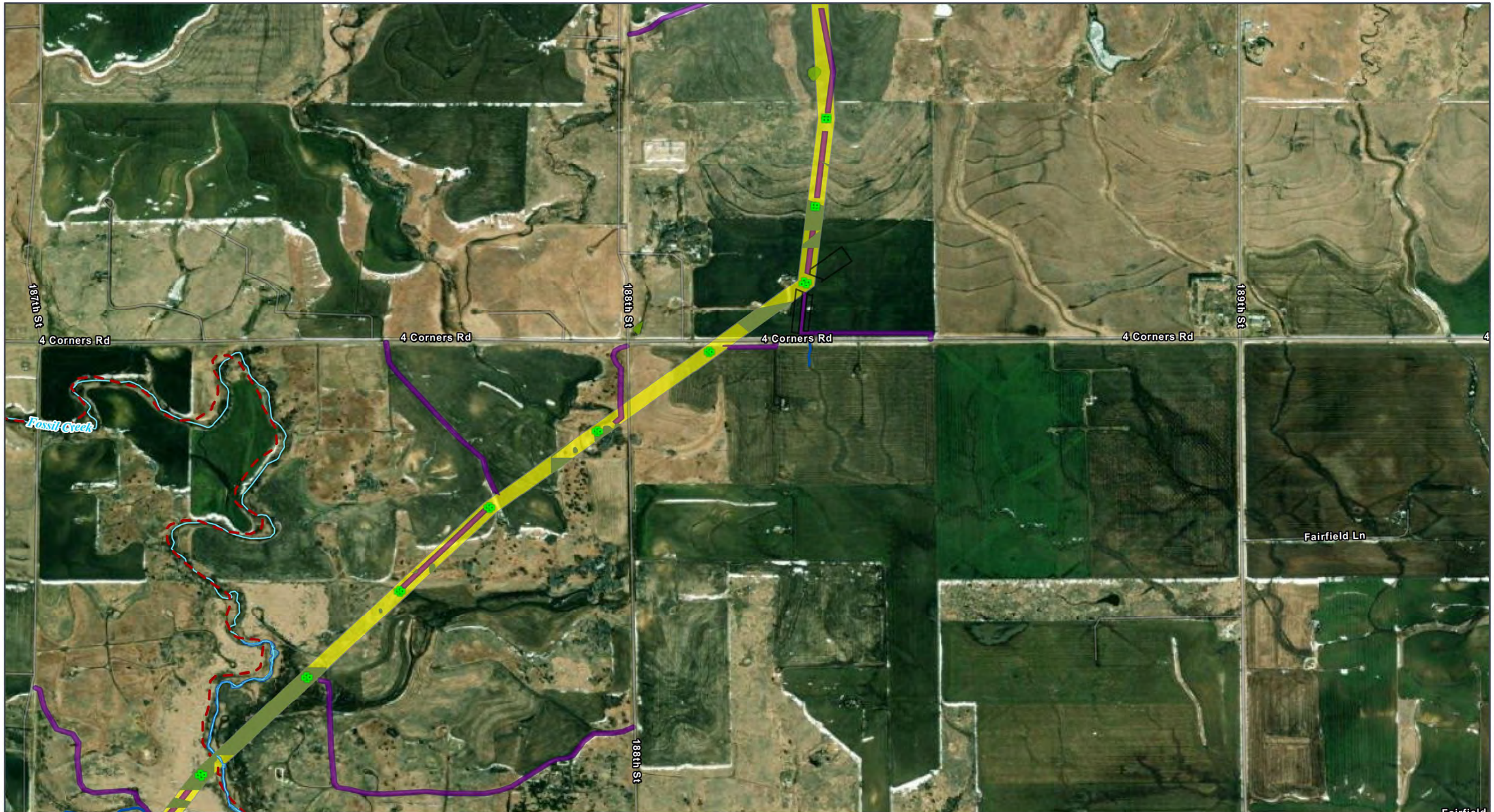
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k





GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
Wetlands Map Book
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- | | | |
|------------------------------------|------------------------------------|---------------------------|
| ROW | Temporary Project Component | NHD Stream/River |
| Permanent Project Component | Access Road | Impaired Waterway (303d) |
| Transmission Structure | Pull Site/Tension Site | Delineated Wetland |
| Habitat Conversion | Hydrology | Palustrine Emergent (PEM) |
| Vegetation Clearing | Delineated Stream | Delineated Waterbody |

All disturbance areas are likely an over-estimation of direct impacts and based on assumptions presented in the Chapter 2 disturbance model (Table 2-1). These impact areas will be refined and finalized once field surveys are complete and avoidance and/or mitigation measures are implemented



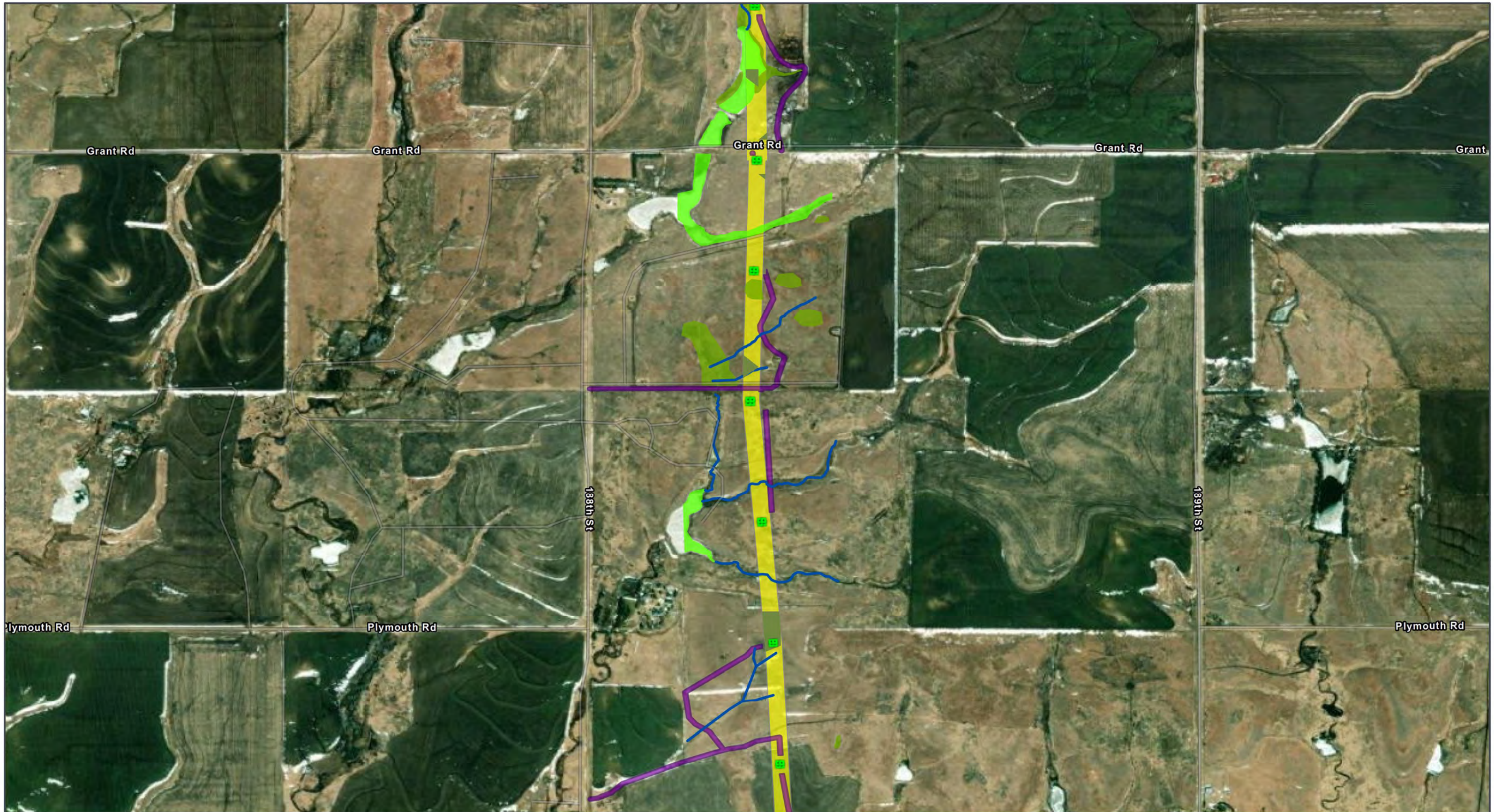
Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Kansas and Missouri

1:12,000

0 100 200 Meters
0 400 800 Feet

Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k



GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
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Map 59 of 259

- ROW
- Permanent Project Component**
- Transmission Structure
- Habitat Conversion**
- Vegetation Clearing

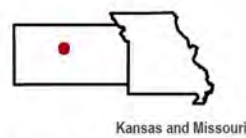
- Temporary Project Component**
- Access Road
- Hydrology**
- Delineated Stream

- Delineated Wetland**
- Palustrine Emergent (PEM)
- Palustrine Unconsolidated Bottom (PUB)

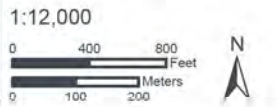
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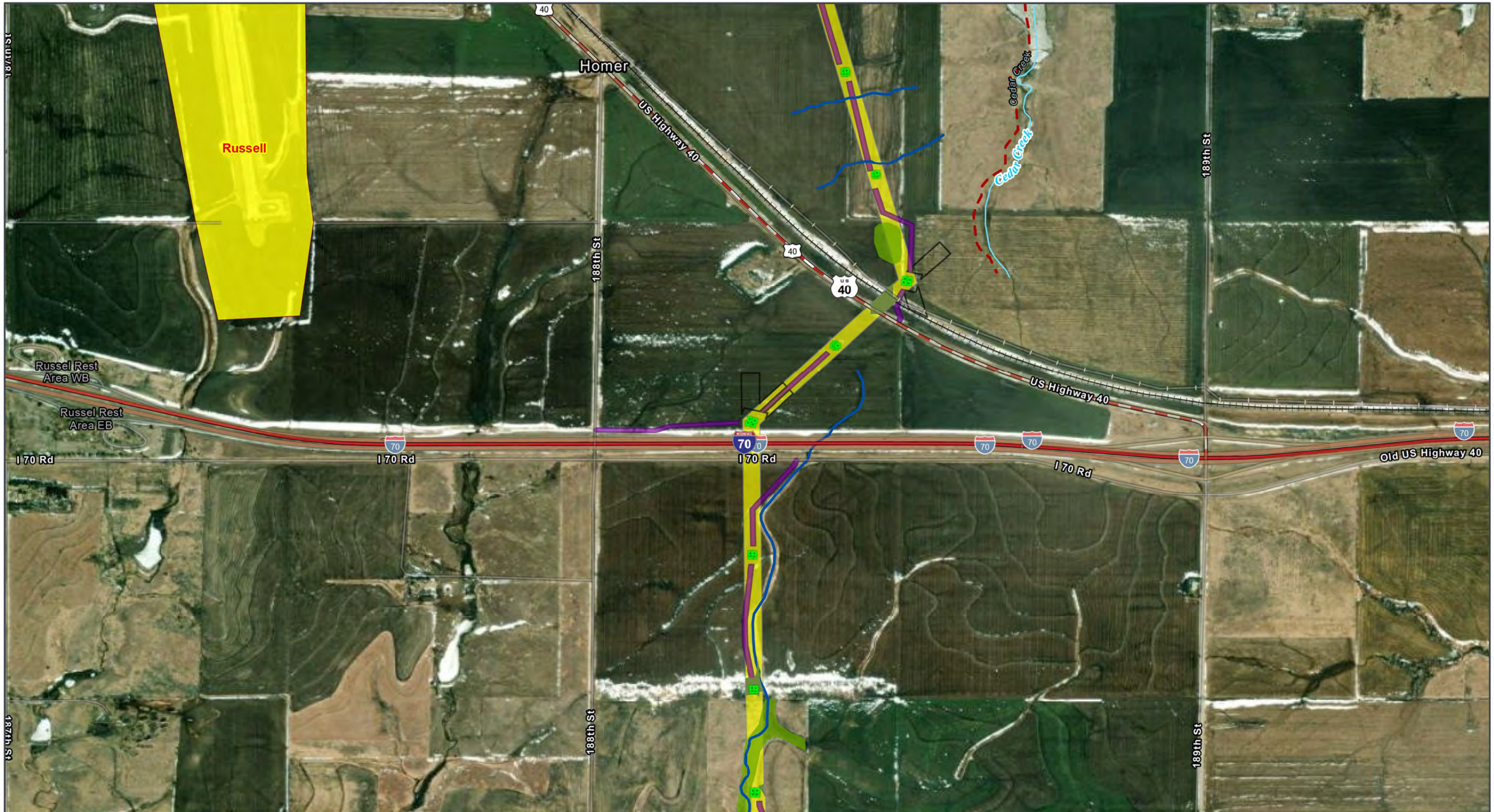


Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W



Base Map: Esri ArcGIS Online,
accessed November 2024
Updated: 11/26/2024
Project No.: 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k





GRAIN BELT EXPRESS TRANSMISSION LINE PROJECT
Wetlands Map Book
 Map 60 of 259

- Municipal Boundary Near the Project
- ROW
- Permanent Project Component**
- Transmission Structure
- Habitat Conversion**
- Vegetation Clearing

- Temporary Project Component**
- Access Road
- Pull Site/Tension Site
- Hydrology**
- Delineated Stream
- NHD Stream/River
- Impaired Waterway (303d)

- Delineated Wetland**
- Palustrine Emergent (PEM)
- Palustrine Unconsolidated Bottom (PUB)
- Transportation**
- Interstate Highway
- U.S. Highway
- Railroad

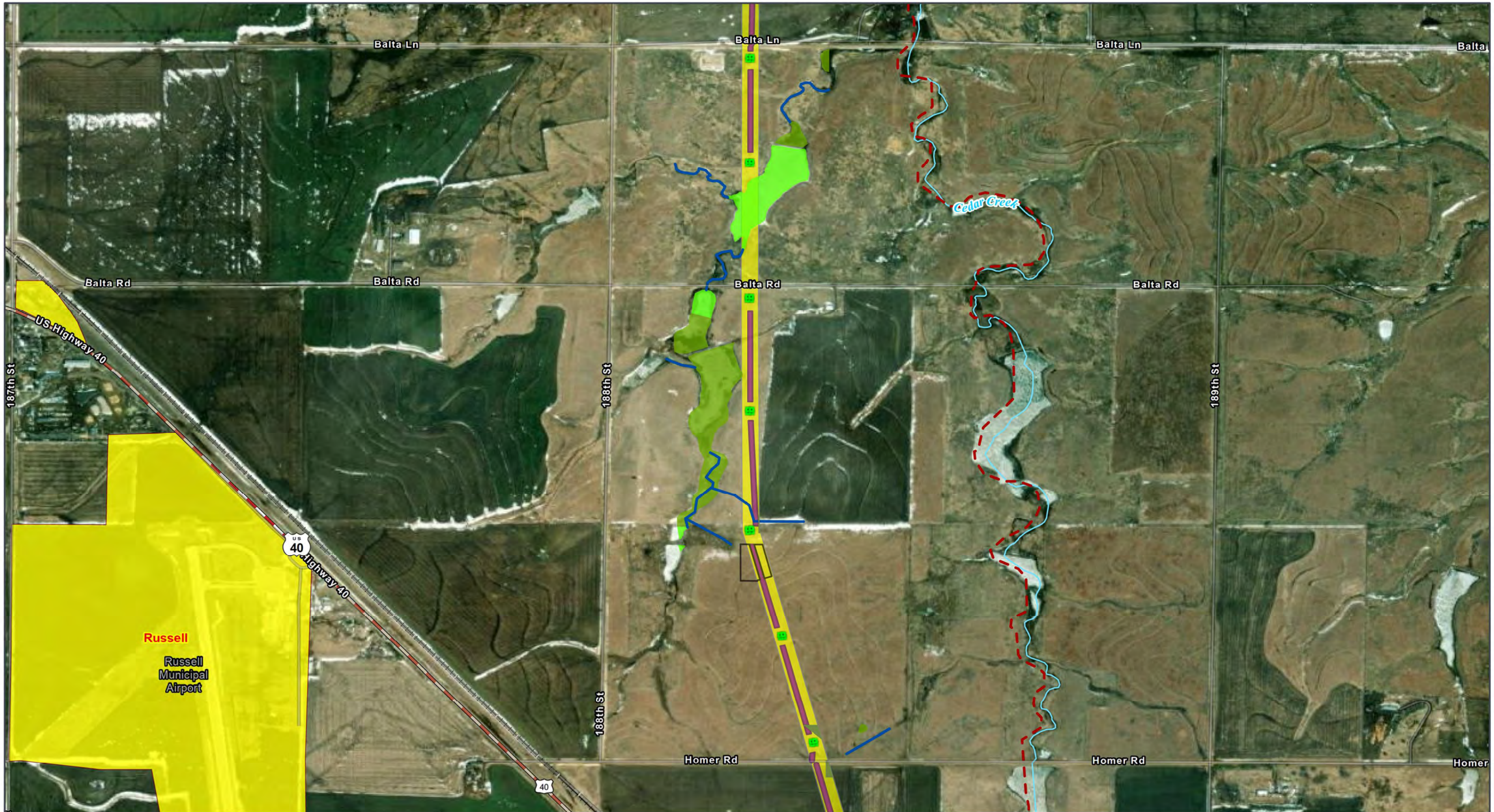
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Kansas and Missouri
 GCS North American 1983
 38.3365°N 95.5783°W

1:12,000

Base Map: Esri ArcGIS Online, accessed November 2024
 Updated: 11/26/2024
 Project No. 60694559
 Layout: Wetland Mapbook 12k
 App: WetlandMapBook_12k



GRAIN BELT EXPRESS TRANSMISSION LINE PROJECT
Wetlands Map Book
 Map 61 of 259

- Municipal Boundary Near the Project
- ROW
- Permanent Project Component**
- Transmission Structure
- Habitat Conversion**
- Vegetation Clearing

- Temporary Project Component**
- Access Road
- Pull Site/Tension Site
- Hydrology**
- Delineated Stream
- NHD Stream/River
- Impaired Waterway (303d)

- Delineated Wetland**
- Palustrine Emergent (PEM)
- Palustrine Unconsolidated Bottom (PUB)
- Transportation**
- U.S. Highway
- Railroad

All disturbance areas are likely an over-estimation of direct impacts and based on assumptions presented in the Chapter 2 disturbance model (Table 2-1). These impact areas will be refined and finalized once field surveys are complete and avoidance and/or mitigation measures are implemented



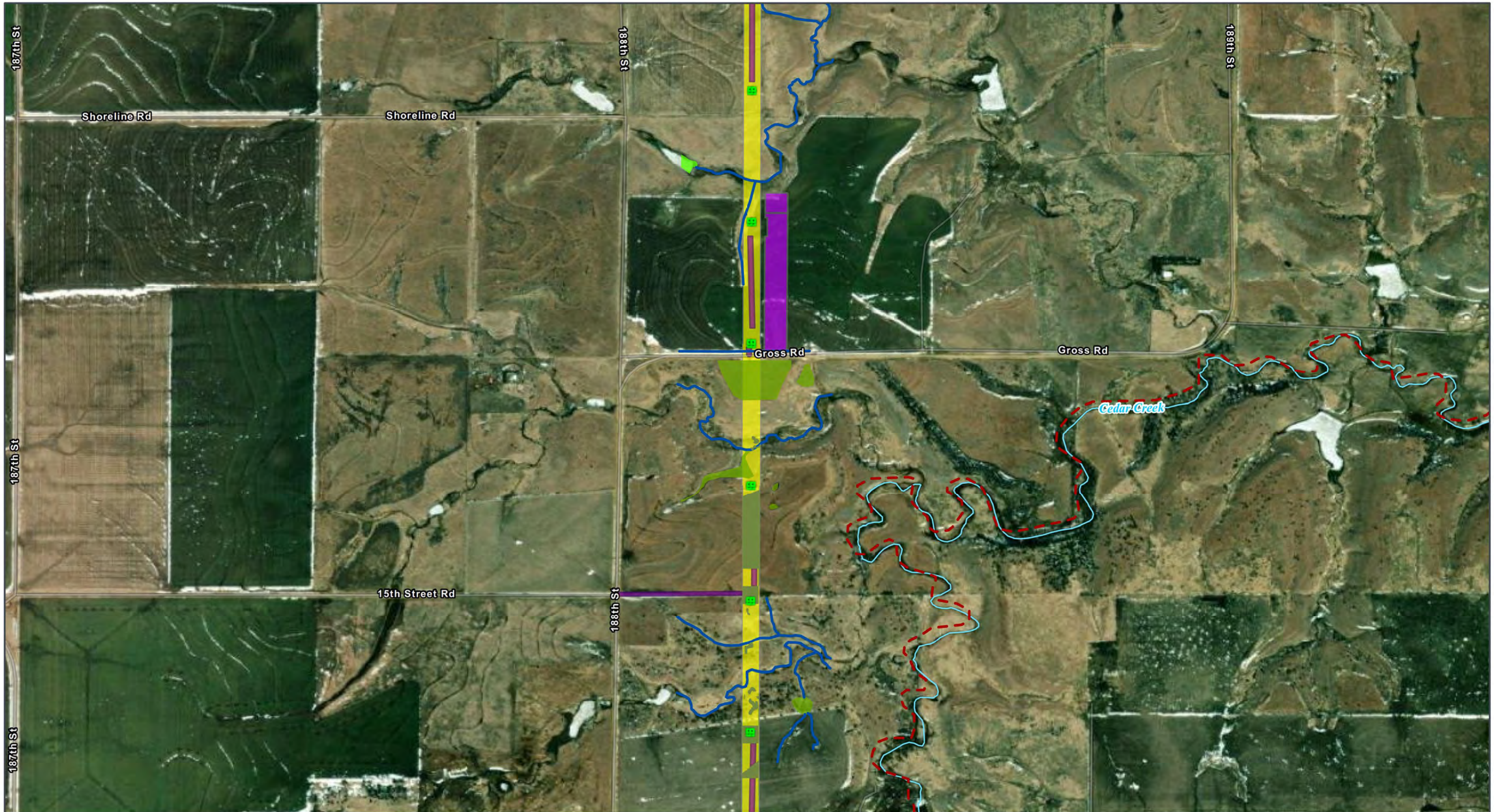
Kansas and Missouri
 GCS North American 1983
 38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online, accessed November 2024
 Updated: 11/26/2024
 Project No. 60694559
 Layout: Wetland Mapbook 12k
 App: WetlandMapBook_12k

1:12,000

0 400 800 Feet
 0 100 200 Meters

Kansas and Missouri



ROW

Permanent Project Component

Transmission Structure

Habitat Conversion

Vegetation Clearing

Temporary Project Component

Access Road

Helipad / Fly Yard

Hydrology

Delineated Stream

NHD Stream/River

Impaired Waterway (303d)

Delineated Wetland

Palustrine Emergent (PEM)

Palustrine Unconsolidated Bottom (PUB)

All disturbance areas are likely an over-estimation of direct impacts and based on assumptions presented in the Chapter 2 disturbance model (Table 2-1). These impact areas will be refined and finalized once field surveys are complete and avoidance and/or mitigation measures are implemented

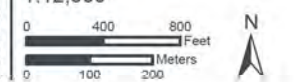


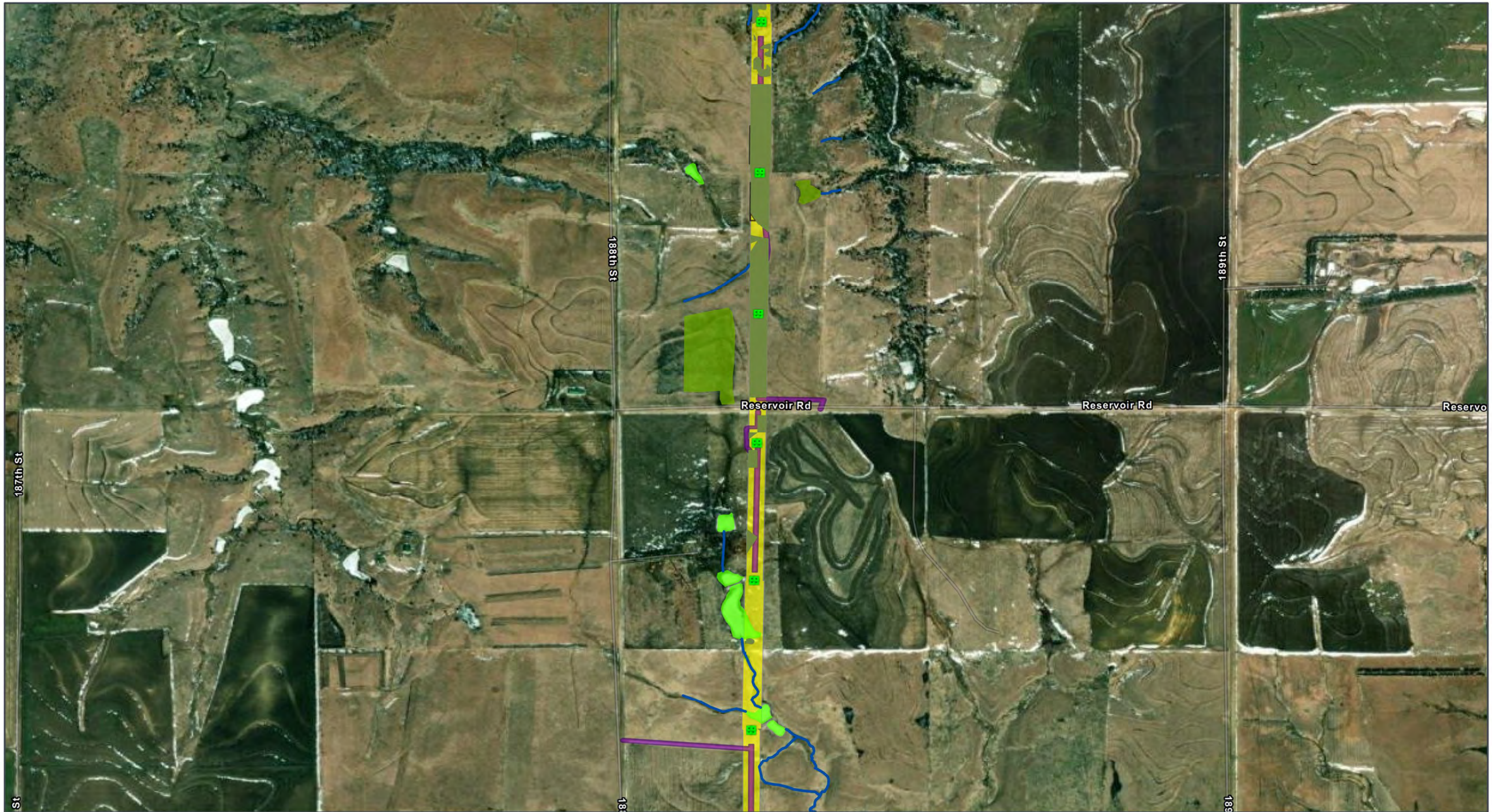
Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online,
accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k



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ROW

Permanent Project Component

Transmission Structure

Habitat Conversion

Vegetation Clearing

Temporary Project Component

Access Road

Pull Site/Tension Site

Hydrology

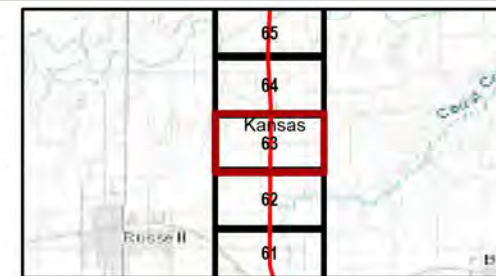
Delineated Stream

Delineated Wetland

Palustrine Emergent (PEM)

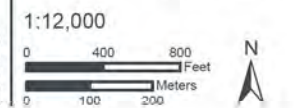
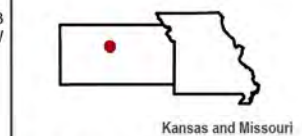
Palustrine Unconsolidated Bottom (PUB)

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

Base Map: Esri ArcGIS Online,
accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k

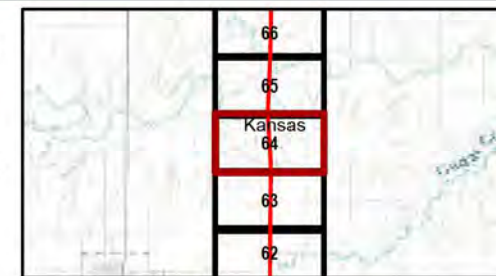




- | | |
|------------------------------------|------------------------------------|
| ROW | Temporary Project Component |
| Permanent Project Component | Access Road |
| Transmission Structure | Hydrology |
| Habitat Conversion | Delineated Stream |
| Vegetation Clearing | NHD Stream/River |
| | Impaired Waterway (303d) |

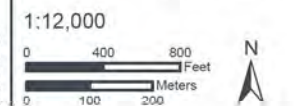
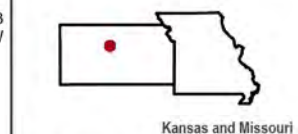
- Delineated Wetland**
- Palustrine Emergent (PEM)
 - Palustrine Unconsolidated Bottom (PUB)
 - Delineated Waterbody

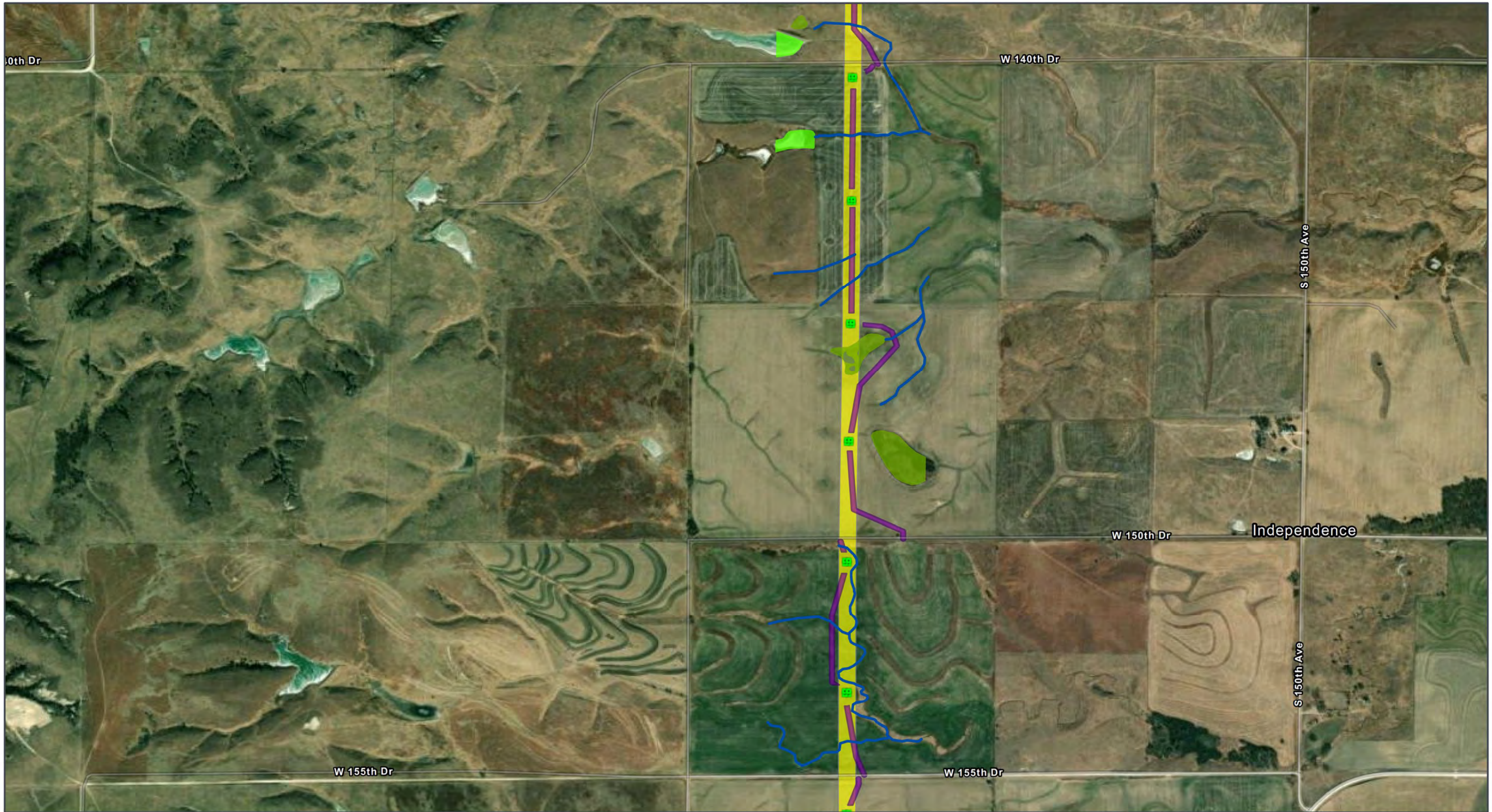
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online,
accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k





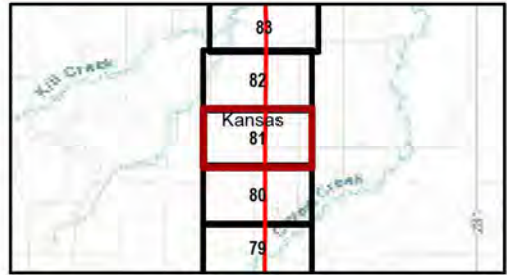
GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
Wetlands Map Book
Map 65 of 259

- ROW
- Permanent Project Component**
- Transmission Structure
- Habitat Conversion**
- Vegetation Clearing

- Temporary Project Component**
- Access Road
- Hydrology**
- Delineated Stream

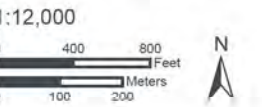
- Delineated Wetland**
- Palustrine Emergent (PEM)
- Palustrine Unconsolidated Bottom (PUB)

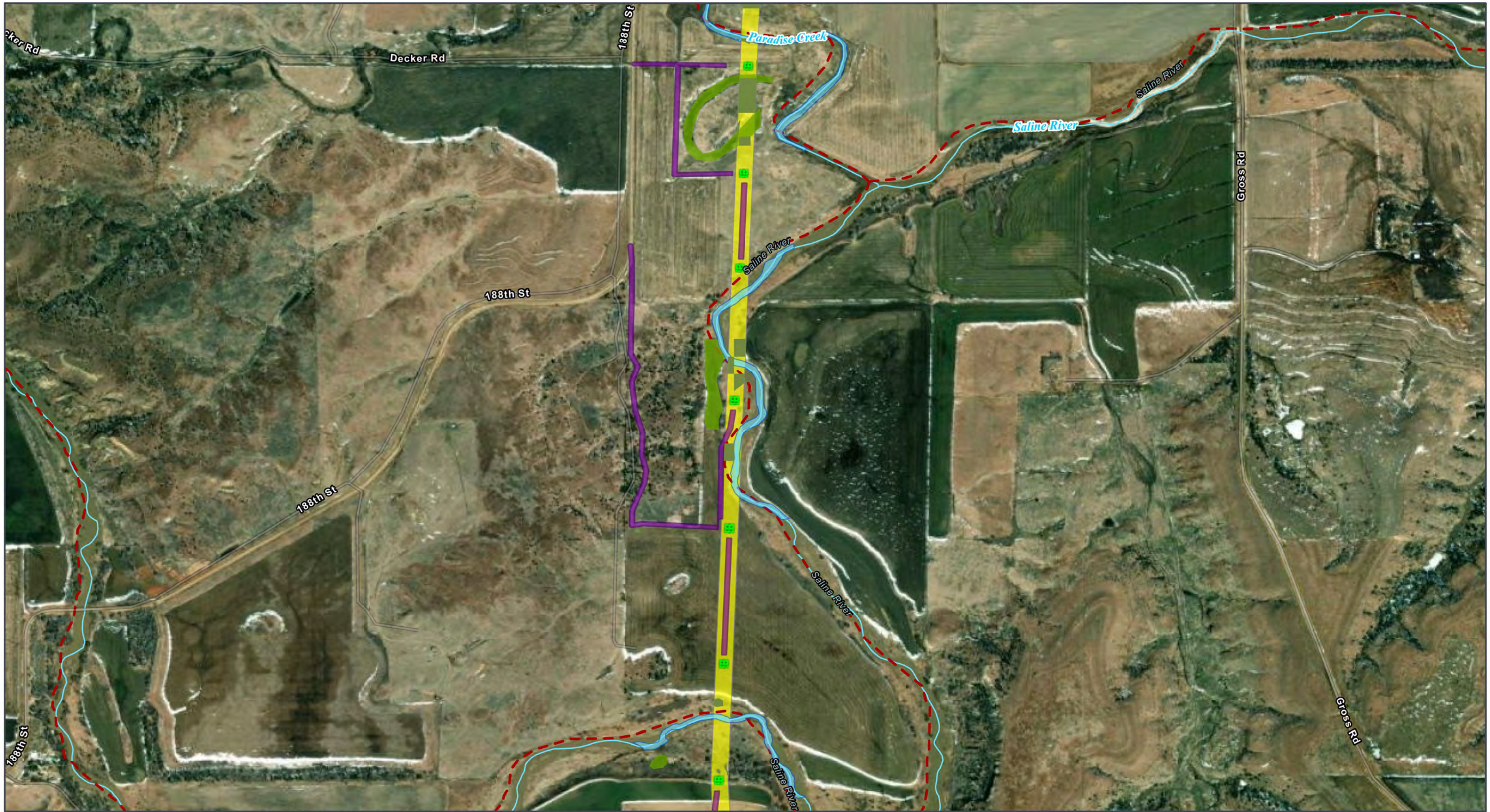
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online,
accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k





GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
Wetlands Map Book
Map 66 of 259

ROW

Permanent Project Component

- Transmission Structure
- Habitat Conversion**
- Vegetation Clearing

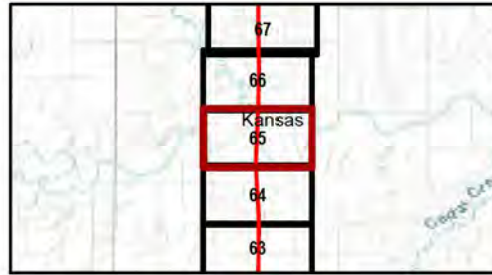
Temporary Project Component

- Access Road
- Hydrology**
- NHD Stream/River
- - - Impaired Waterway (303d)

Delineated Wetland

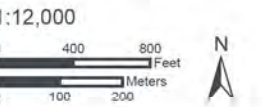
- Palustrine Emergent (PEM)
- Delineated Waterbody

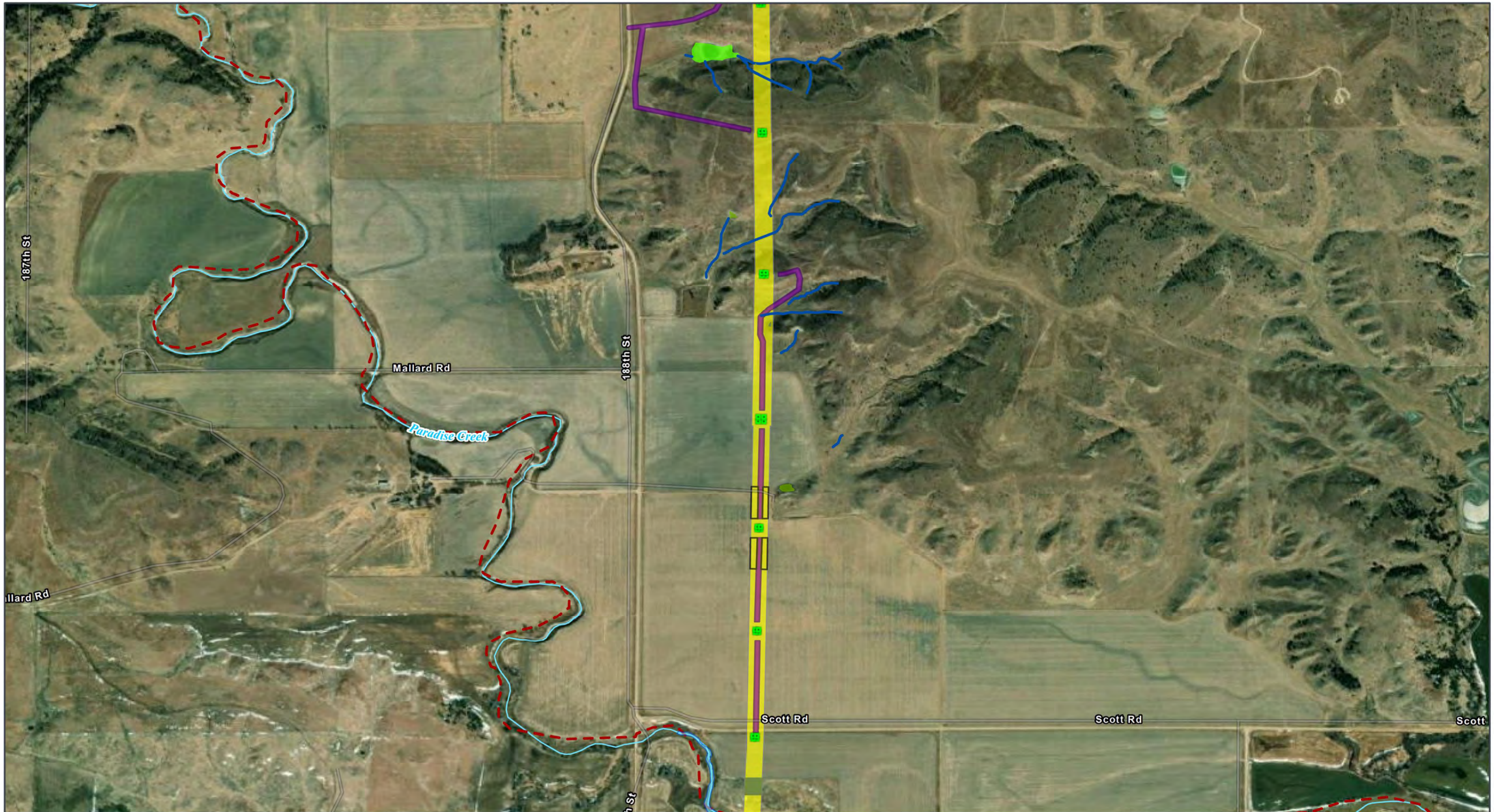
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online,
accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k

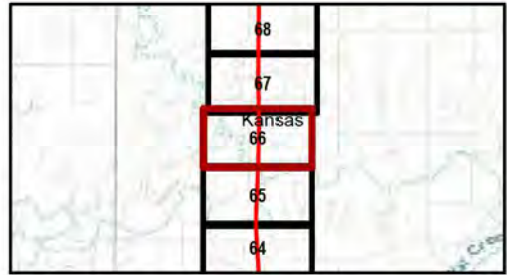




GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
Wetlands Map Book
Map 67 of 259

- | | | |
|------------------------------------|------------------------------------|--|
| ROW | Temporary Project Component | Impaired Waterway (303d) |
| Permanent Project Component | Access Road | Delineated Wetland |
| Transmission Structure | Pull Site/Tension Site | Palustrine Emergent (PEM) |
| Habitat Conversion | Hydrology | Palustrine Unconsolidated Bottom (PUB) |
| Vegetation Clearing | Delineated Stream | Delineated Waterbody |
| | NHD Stream/River | |

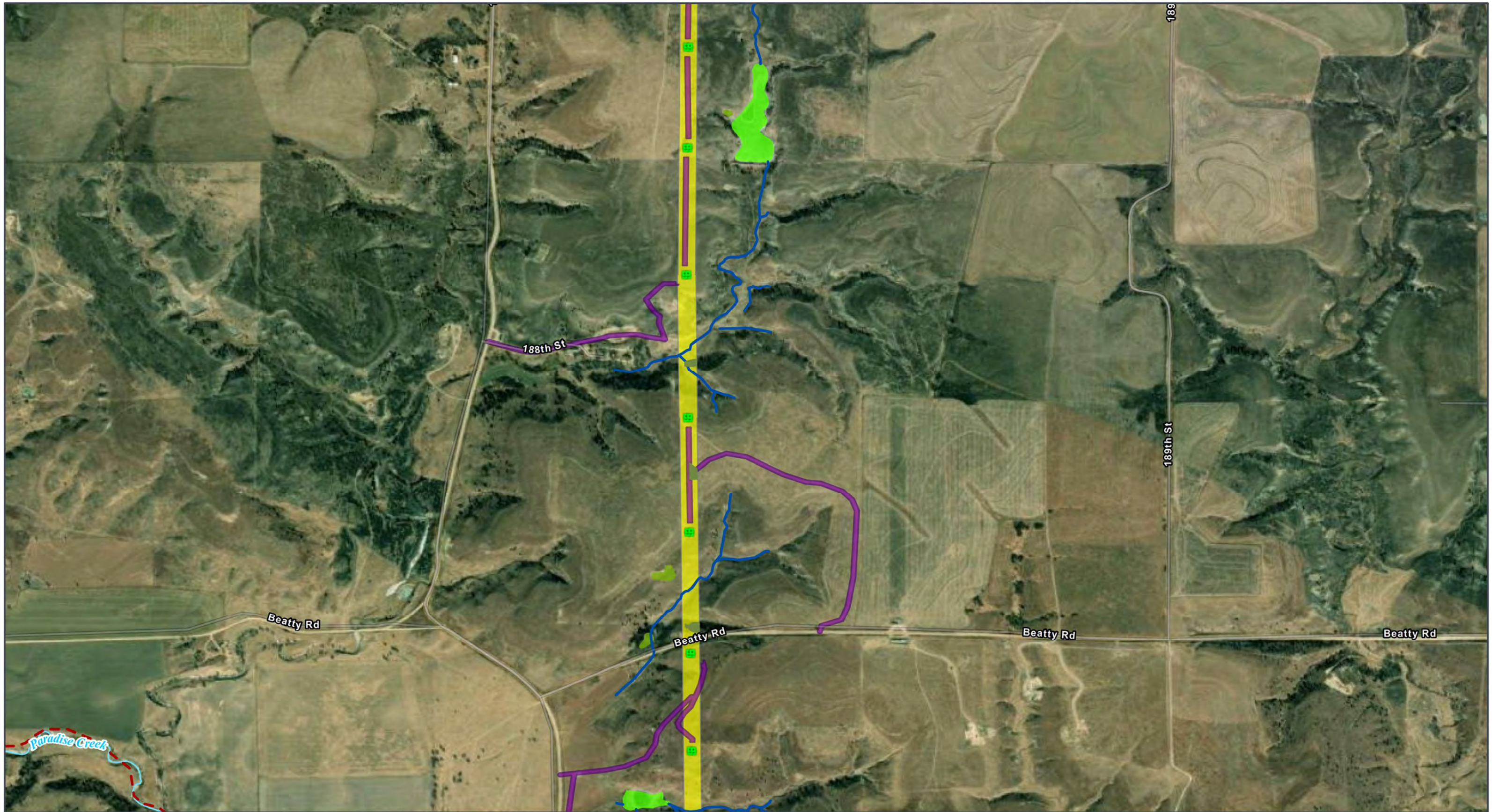
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

1:12,000

Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k



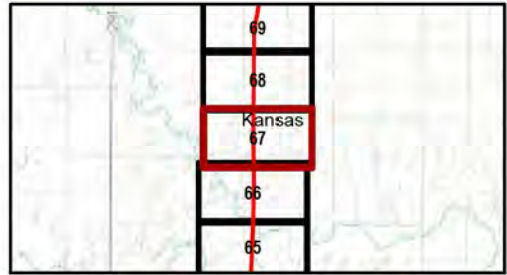
GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
Wetlands Map Book
Map 68 of 259

- ROW
- Permanent Project Component**
- Transmission Structure
- Habitat Conversion**
- Vegetation Clearing

- Temporary Project Component**
- Access Road
- Hydrology**
- Delineated Stream
- NHD Stream/River

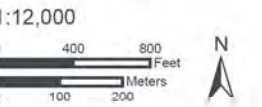
- Impaired Waterway (303d)
- Delineated Wetland**
- Palustrine Emergent (PEM)
- Palustrine Unconsolidated Bottom (PUB)

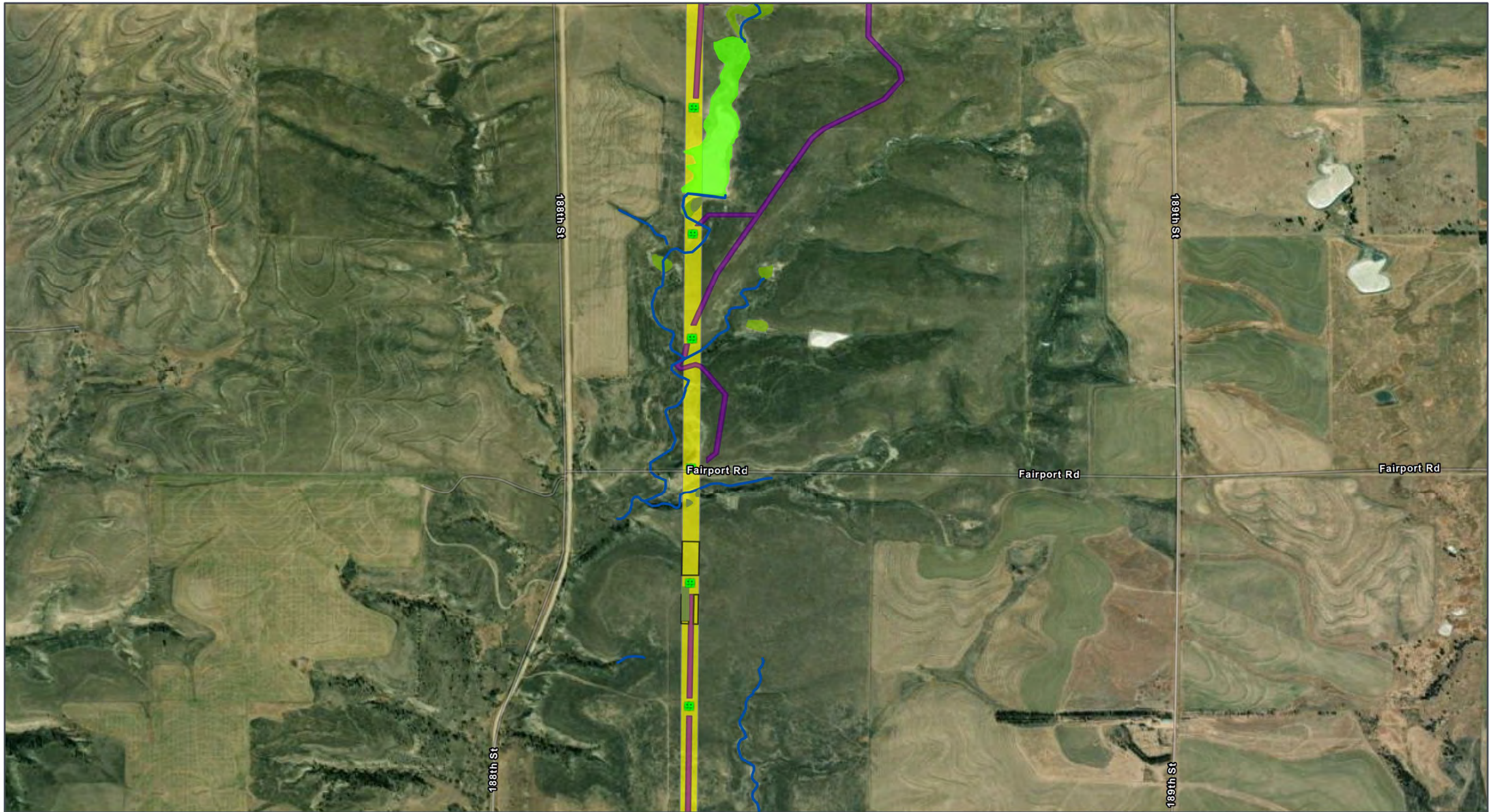
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online,
accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
Apn: WetlandMapBook_12k





ROW

Permanent Project Component

Transmission Structure

Habitat Conversion

Vegetation Clearing

Temporary Project Component

Access Road

Pull Site/Tension Site

Hydrology

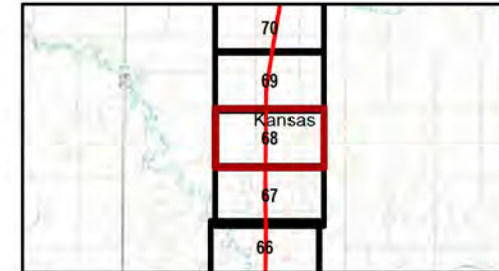
Delineated Stream

Delineated Wetland

Palustrine Emergent (PEM)

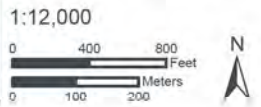
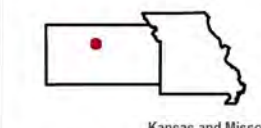
Palustrine Unconsolidated Bottom (PUB)

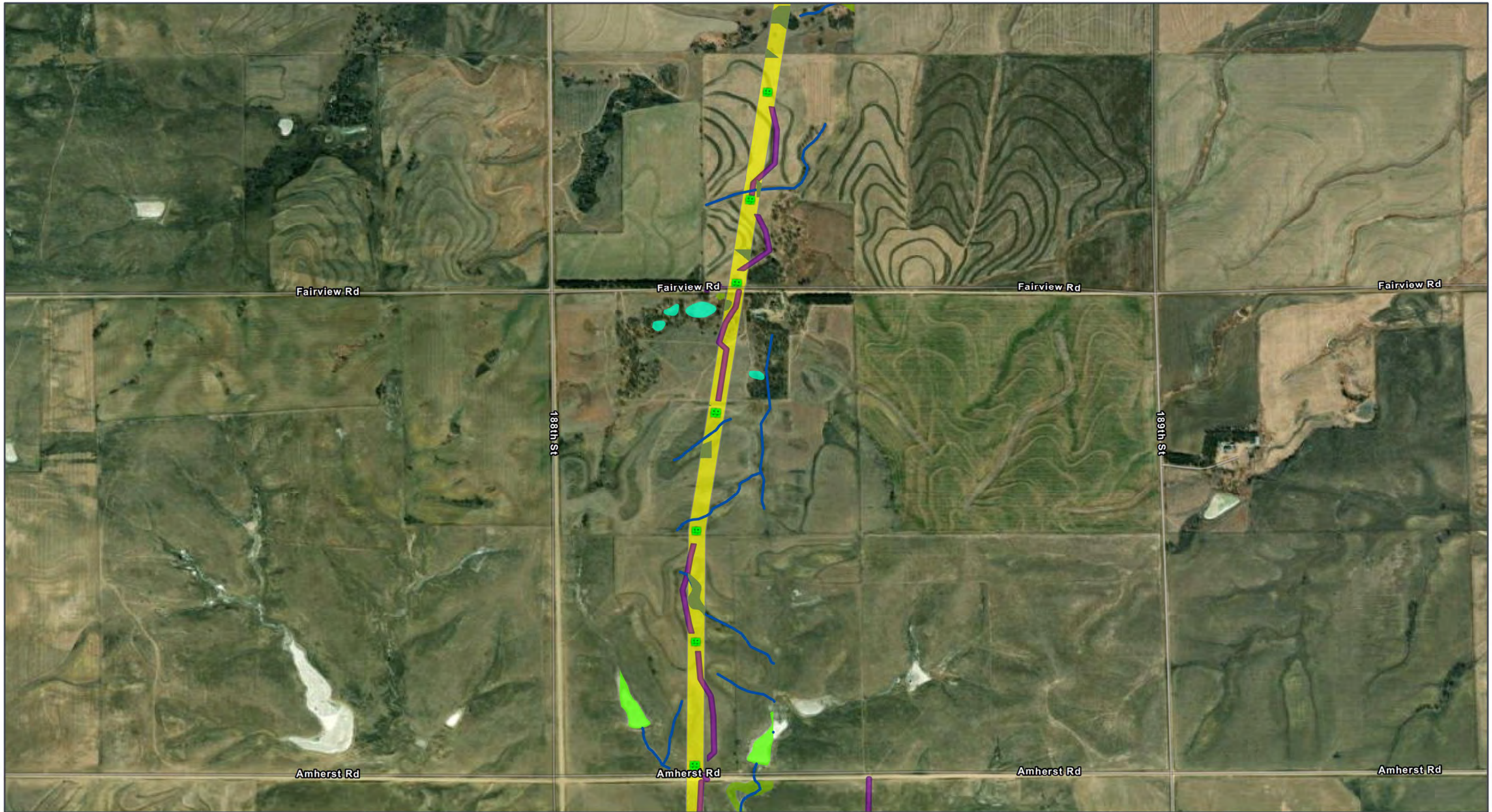
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

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ROW

Permanent Project Component

Transmission Structure

Habitat Conversion

Vegetation Clearing

Temporary Project Component

Access Road

Hydrology

Delineated Stream

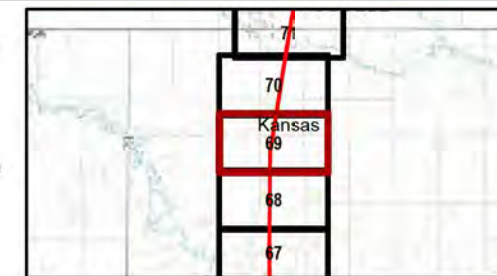
Delineated Wetland

Palustrine Aquatic Bed (PAB)

Palustrine Emergent (PEM)

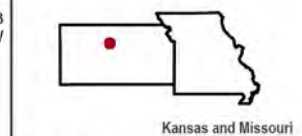
Palustrine Unconsolidated Bottom (PUB)

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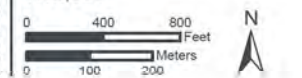


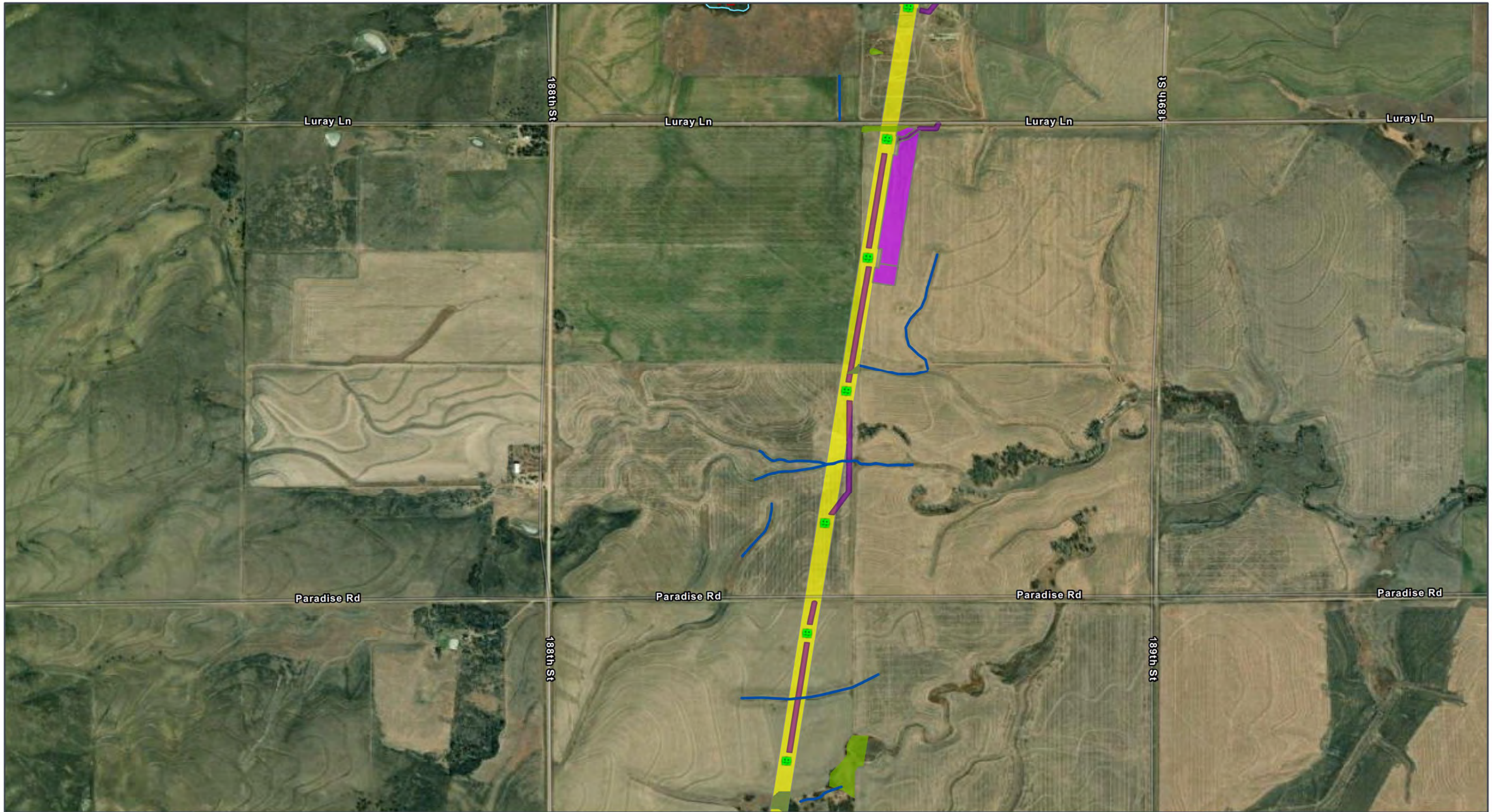
Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online,
accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k



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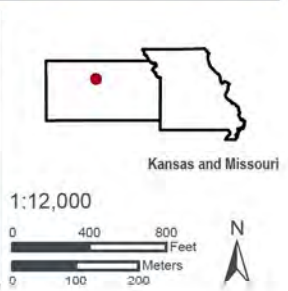
- | | | |
|------------------------------------|------------------------------------|---------------------------|
| ROW | Temporary Project Component | NHD Stream/River |
| Permanent Project Component | Access Road | Impaired Waterway (303d) |
| Transmission Structure | Helipad / Fly Yard | Delineated Wetland |
| Habitat Conversion | Hydrology | Palustrine Emergent (PEM) |
| Vegetation Clearing | Delineated Stream | |

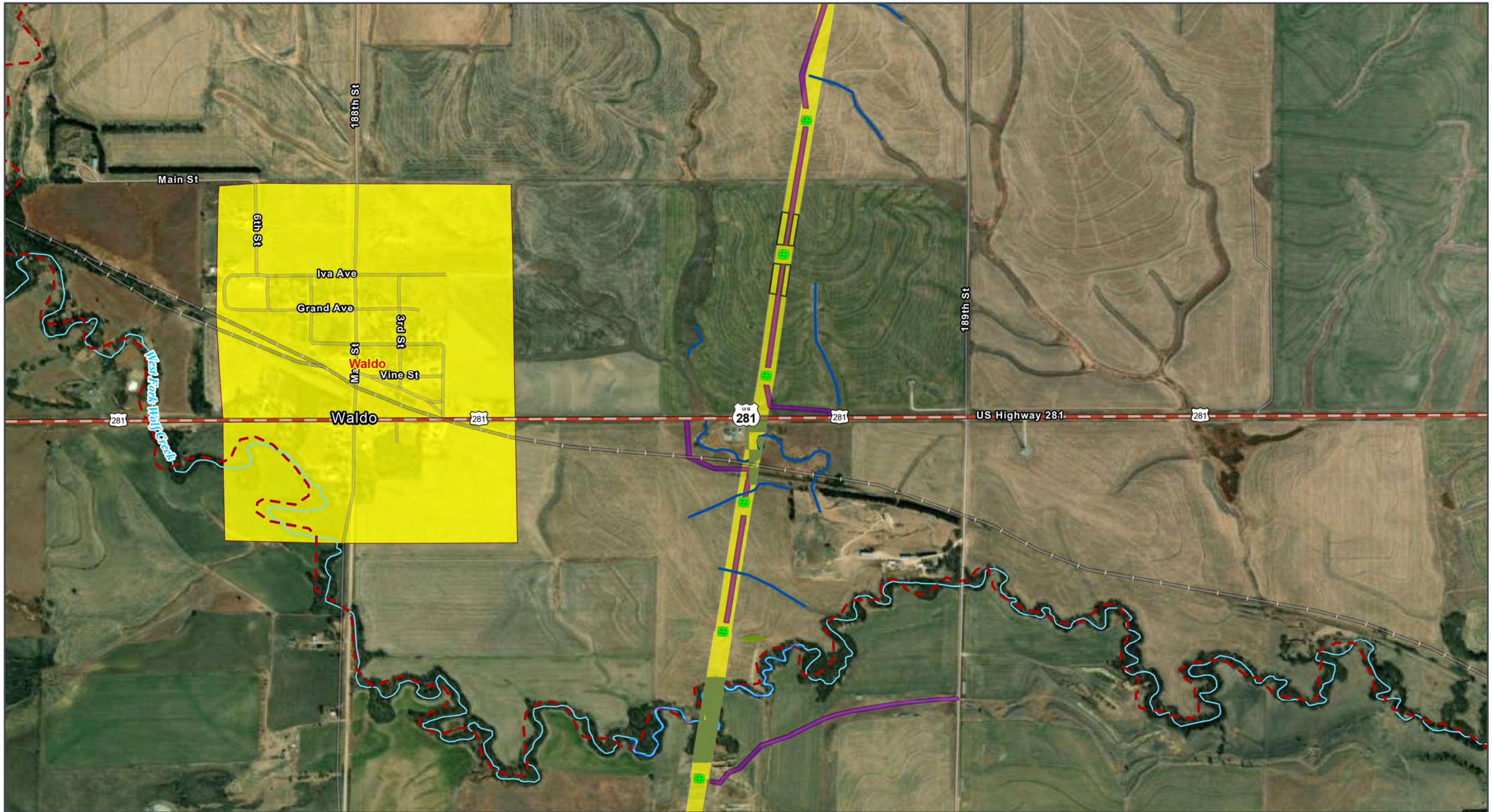
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online,
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Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k





- | | | |
|--|--|---|
| <ul style="list-style-type: none"> Municipal Boundary Near the Project ROW Permanent Project Component Transmission Structure Habitat Conversion Vegetation Clearing | <ul style="list-style-type: none"> Temporary Project Component Access Road Pull Site/Tension Site Hydrology Delineated Stream NHD Stream/River | <ul style="list-style-type: none"> Impaired Waterway (303d) Delineated Wetland Palustrine Emergent (PEM) Delineated Waterbody Transportation U.S. Highway |
|--|--|---|

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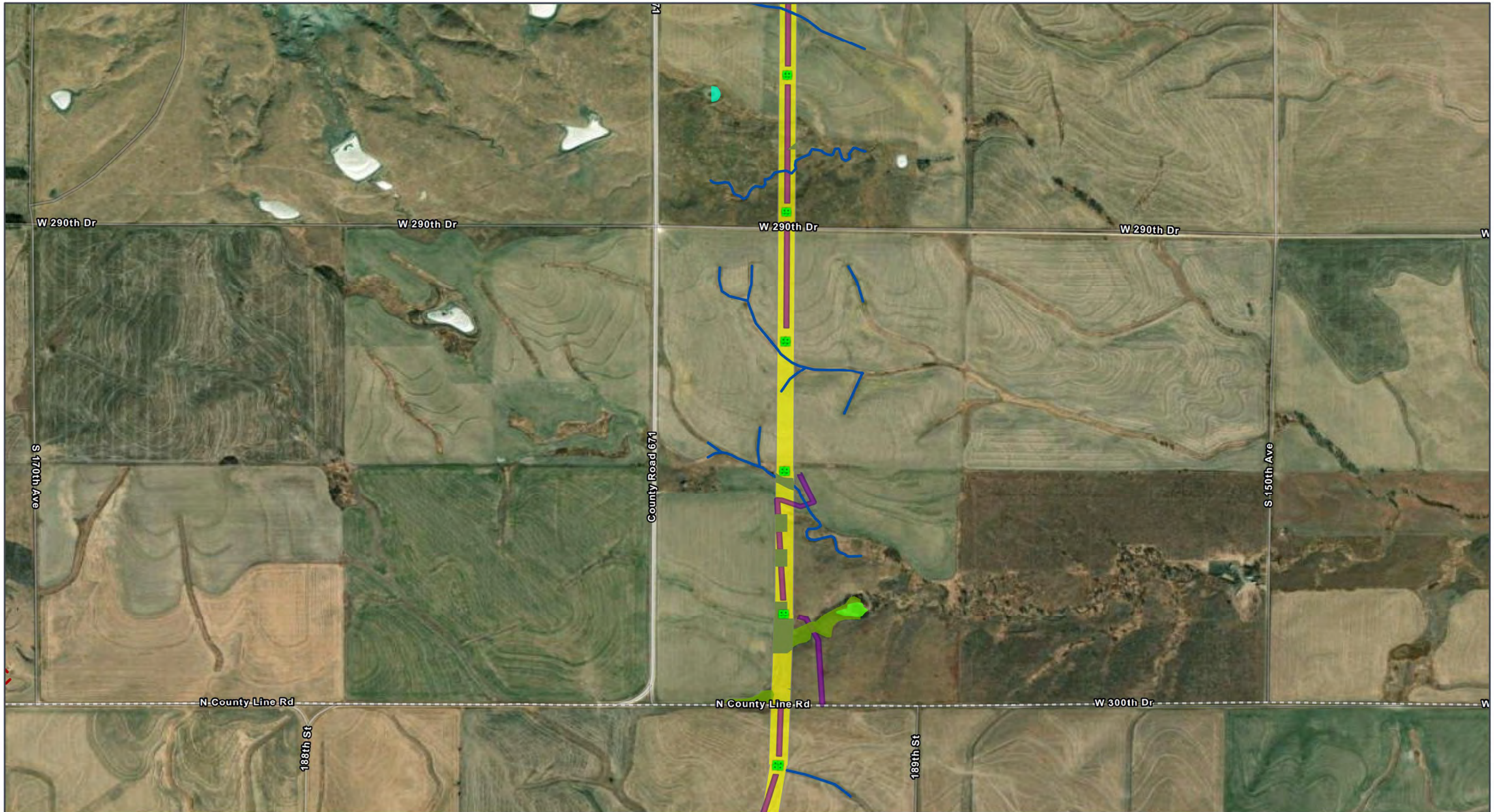
Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k

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0 400 800 Feet
0 100 200 Meters

Kansas and Missouri

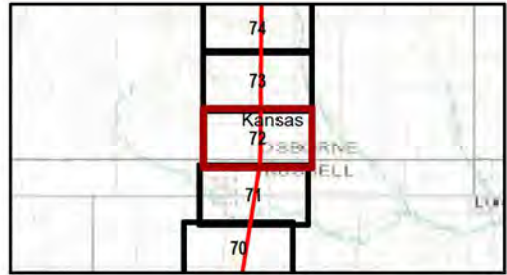


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- | | | |
|------------------------|------------------------------------|--------------------------|
| ROW | Permanent Project Component | Access Road |
| Transmission Structure | Habitat Conversion | Hydrology |
| Vegetation Clearing | | Delineated Stream |
| | | Impaired Waterway (303d) |

- Delineated Wetland**
- Palustrine Aquatic Bed (PAB)
 - Palustrine Emergent (PEM)
 - Palustrine Unconsolidated Bottom (PUB)

All disturbance areas are likely an over-estimation of direct impacts and based on assumptions presented in the Chapter 2 disturbance model (Table 2-1). These impact areas will be refined and finalized once field surveys are complete and avoidance and/or mitigation measures are implemented

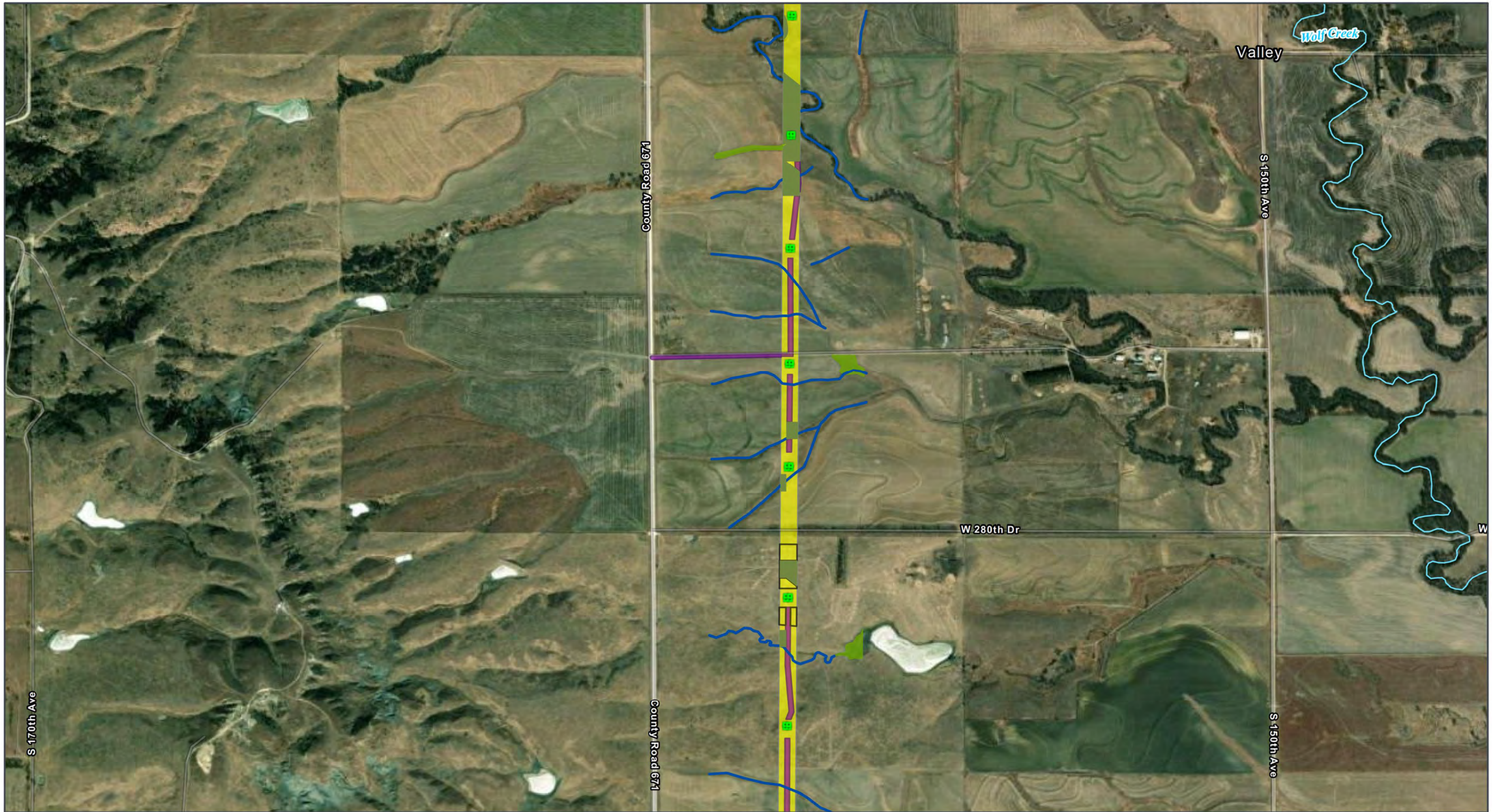


Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k

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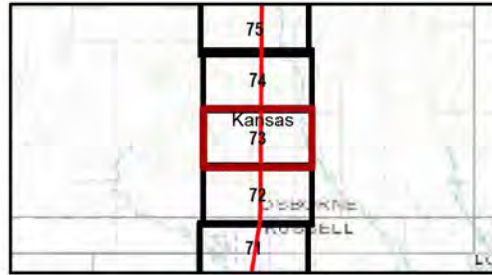
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0 100 200 Meters



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- | | | |
|------------------------------------|------------------------------------|---------------------------|
| ROW | Temporary Project Component | NHD Stream/River |
| Permanent Project Component | Access Road | Delineated Wetland |
| Transmission Structure | Pull Site/Tension Site | Palustrine Emergent (PEM) |
| Habitat Conversion | Hydrology | |
| Vegetation Clearing | Delineated Stream | |

All disturbance areas are likely an over-estimation of direct impacts and based on assumptions presented in the Chapter 2 disturbance model (Table 2-1). These impact areas will be refined and finalized once field surveys are complete and avoidance and/or mitigation measures are implemented



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

Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
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0 400 800 Feet
0 100 200 Meters

Kansas and Missouri

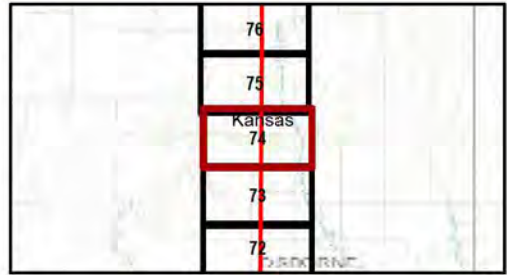


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TRANSMISSION LINE PROJECT
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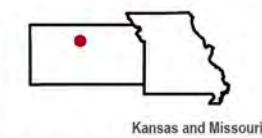
- | | | |
|---------------------------|------------------------------------|------------------------------------|
| ROW | Permanent Project Component | Temporary Project Component |
| Transmission Structure | Access Road | Hydrology |
| Habitat Conversion | Delineated Stream | Palustrine Aquatic Bed (PAB) |
| Vegetation Clearing | NHD Stream/River | Palustrine Emergent (PEM) |

- Delineated Wetland**
- Palustrine Aquatic Bed (PAB)
 - Palustrine Emergent (PEM)

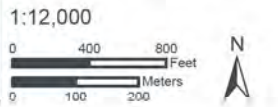
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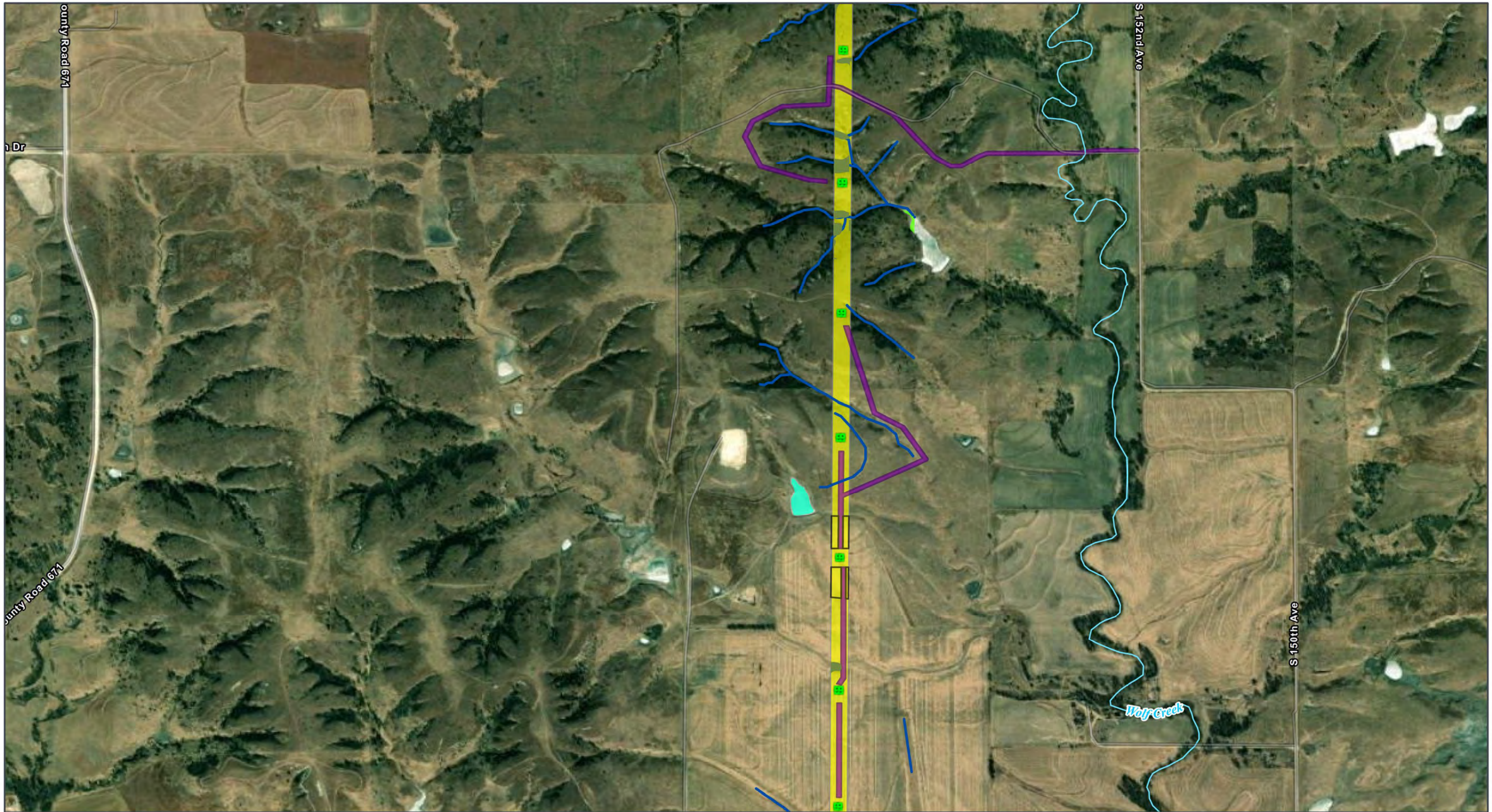


Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W



Base Map: Esri ArcGIS Online,
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Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
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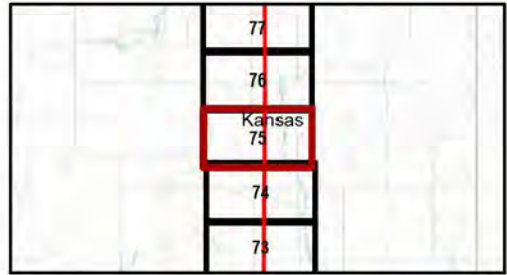


- ROW
- Permanent Project Component**
- Transmission Structure
- Habitat Conversion**
- Vegetation Clearing

- Temporary Project Component**
- Access Road
- Pull Site/Tension Site
- Hydrology**
- Delineated Stream

- NHD Stream/River
- Delineated Wetland**
- Palustrine Aquatic Bed (PAB)
- Palustrine Unconsolidated Bottom (PUB)

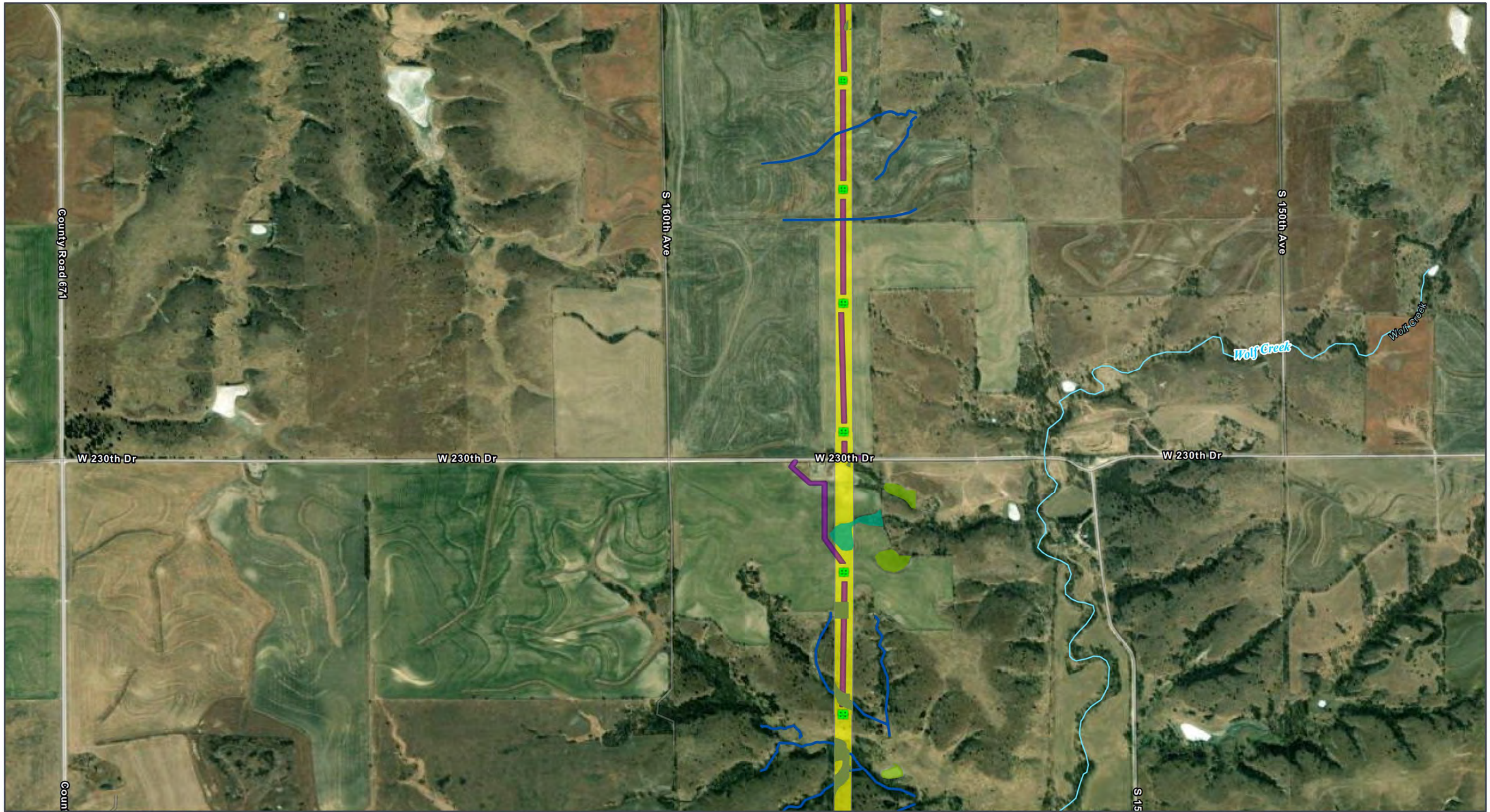
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

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Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
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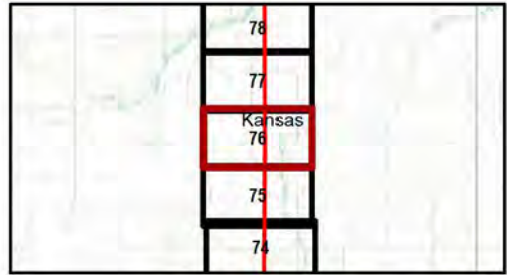
GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
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- ROW
- Permanent Project Component**
- Transmission Structure
- Habitat Conversion**
- Vegetation Clearing

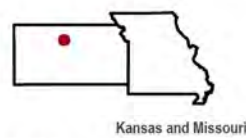
- Temporary Project Component**
- Access Road
- Hydrology**
- Delineated Stream
- NHD Stream/River

- Delineated Wetland**
- Palustrine Emergent (PEM)
- Palustrine Forested (PFO)

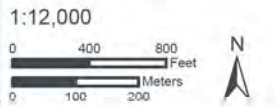
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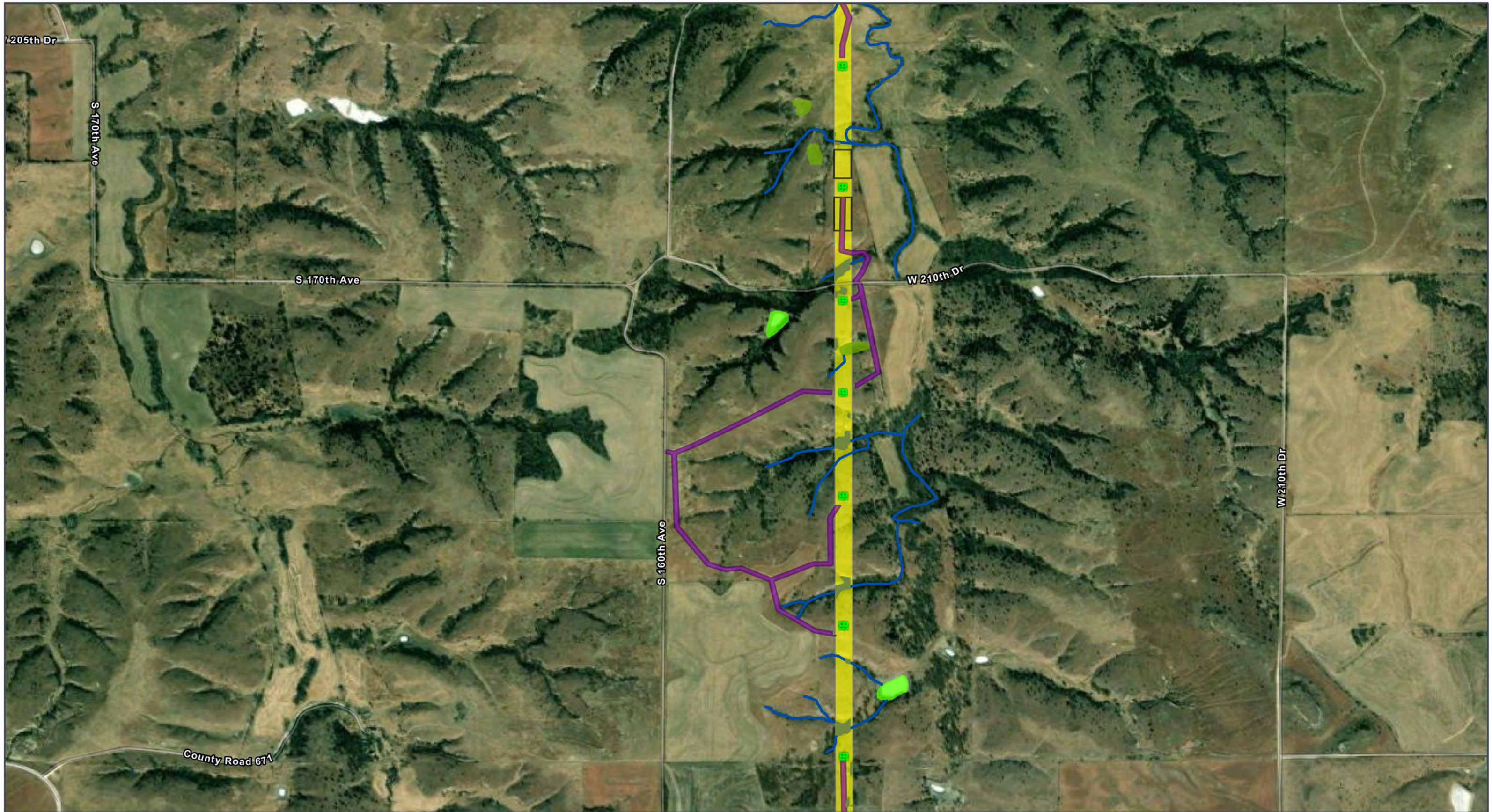


Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W



Base Map: Esri ArcGIS Online,
accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k





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TRANSMISSION LINE PROJECT
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ROW

Permanent Project Component

- Transmission Structure
- Habitat Conversion**
- Vegetation Clearing

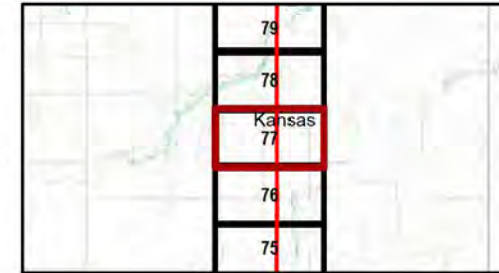
Temporary Project Component

- Access Road
- Pull Site/Tension Site
- Hydrology**
- Delineated Stream

Delineated Wetland

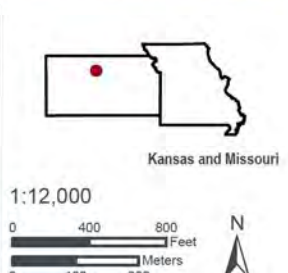
- Palustrine Emergent (PEM)
- Palustrine Unconsolidated Bottom (PUB)

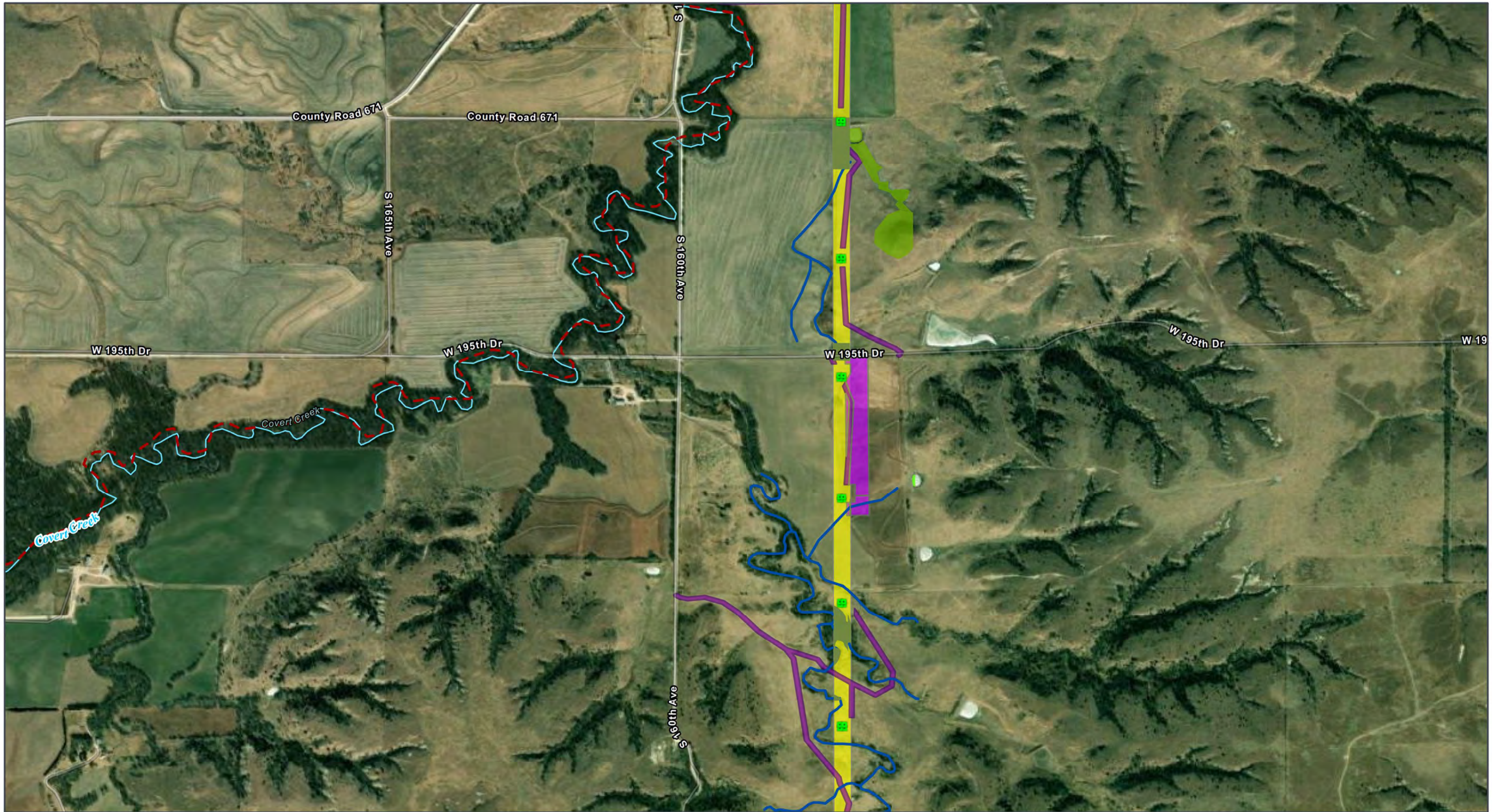
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Kansas and Missouri
GCS North American 1983
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Project No. 60694559
Layout: Wetland Mapbook 12k
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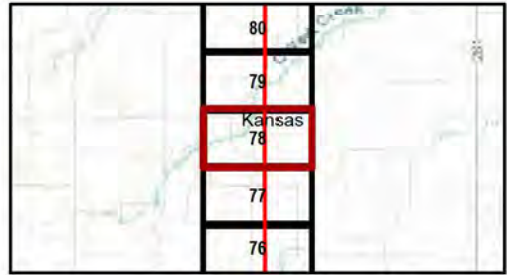




GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
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- | | | | |
|---------------------------|------------------------------------|---------------------------|--|
| ROW | Permanent Project Component | Access Road | NHD Stream/River |
| Transmission Structure | Helipad / Fly Yard | Impaired Waterway (303d) | Delineated Wetland |
| Habitat Conversion | Hydrology | Palustrine Emergent (PEM) | Palustrine Unconsolidated Bottom (PUB) |
| Vegetation Clearing | Delineated Stream | | |

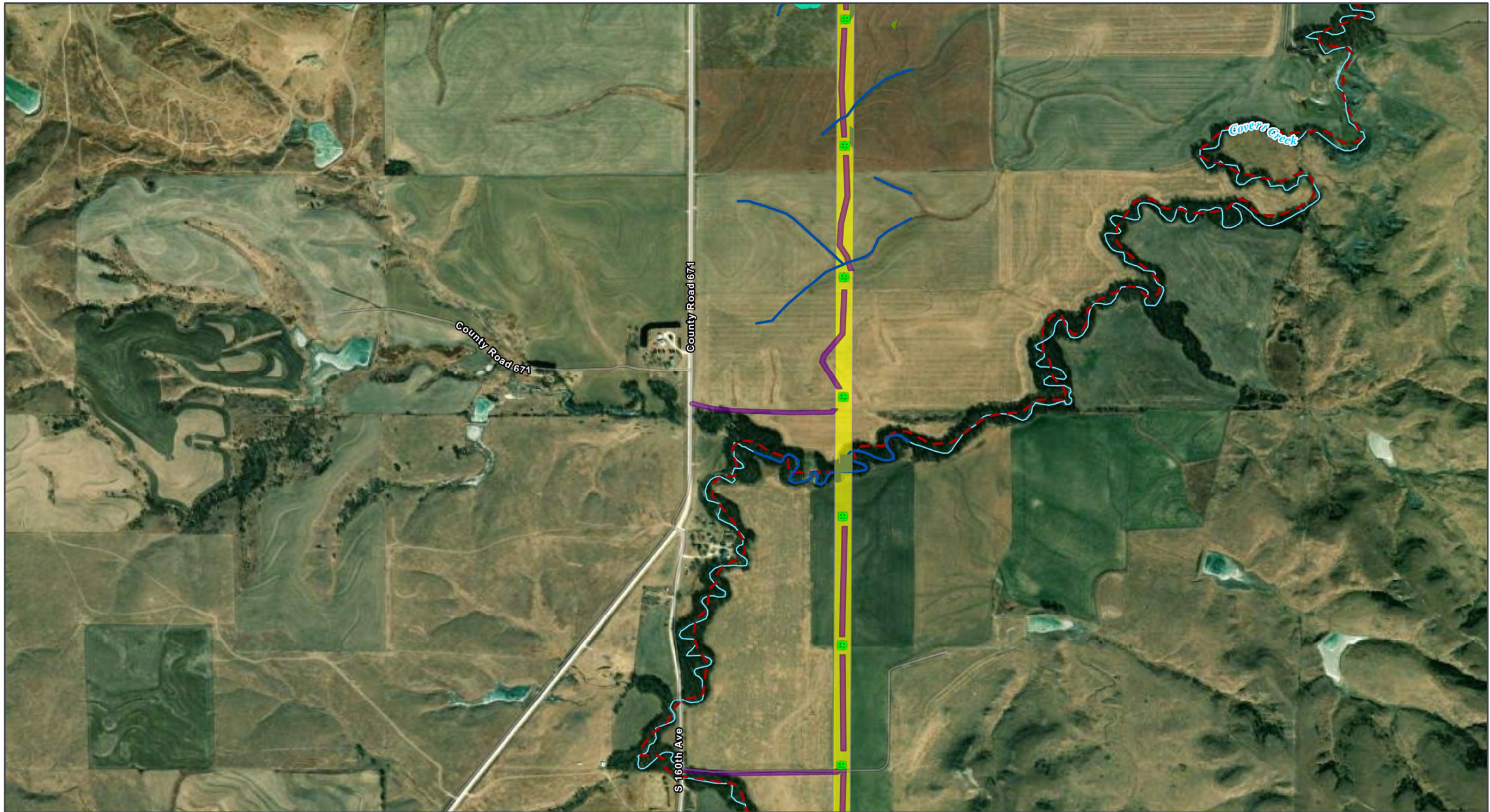
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

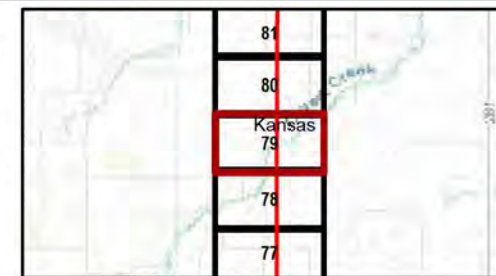
Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k

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- | | | |
|------------------------------------|------------------------------------|------------------------------|
| ROW | Temporary Project Component | Impaired Waterway (303d) |
| Permanent Project Component | Access Road | Delineated Wetland |
| Transmission Structure | Hydrology | Palustrine Aquatic Bed (PAB) |
| Habitat Conversion | Delineated Stream | Palustrine Emergent (PEM) |
| Vegetation Clearing | NHD Stream/River | |

All disturbance areas are likely an over-estimation of direct impacts and based on assumptions presented in the Chapter 2 disturbance model (Table 2-1). These impact areas will be refined and finalized once field surveys are complete and avoidance and/or mitigation measures are implemented



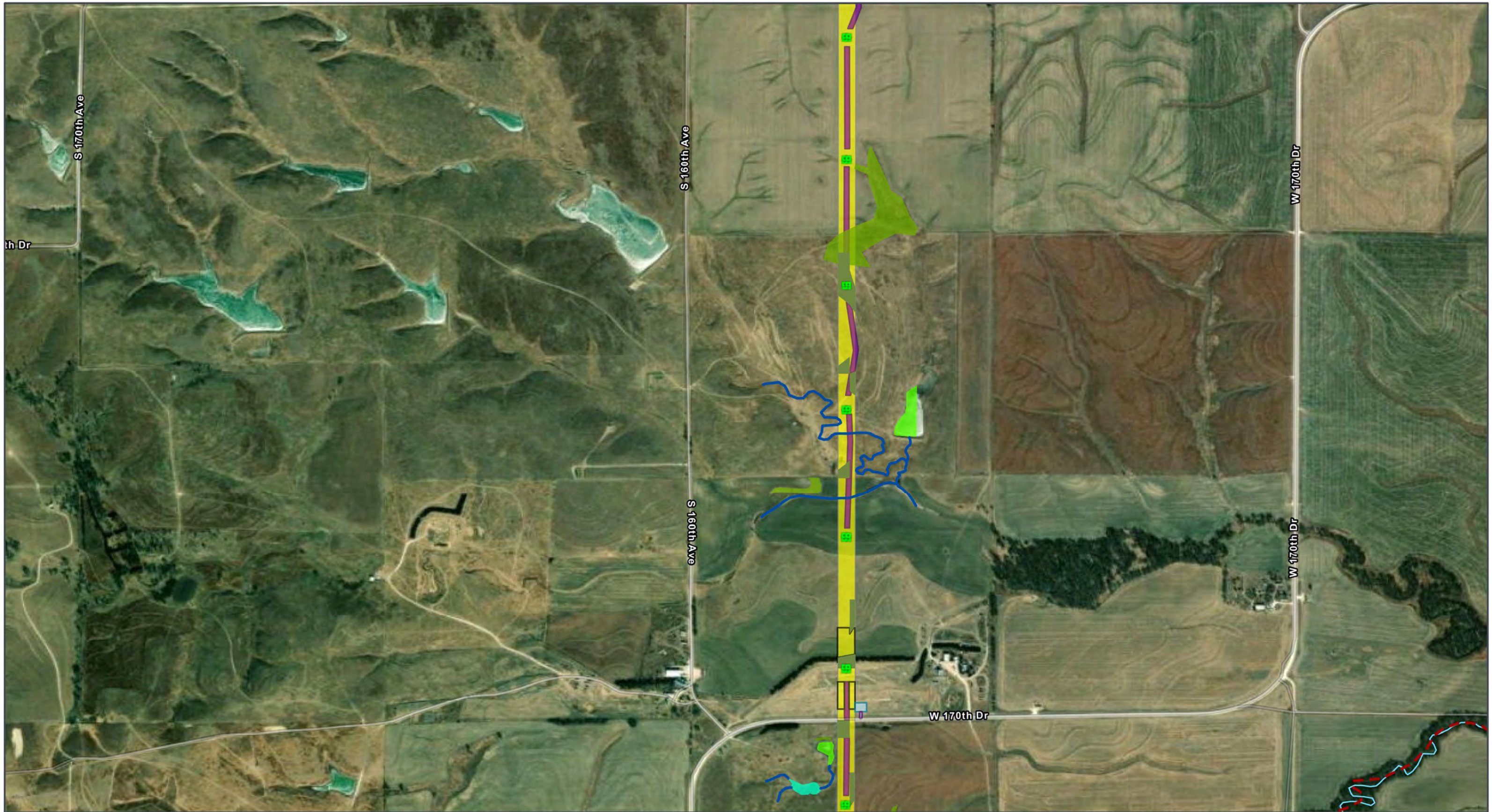
Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Kansas and Missouri

1:12,000

0 400 800 Feet
0 100 200 Meters

Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k



ROW

Permanent Project Component

- Transmission Structure
- Optical Regeneration
- OPGW Access

Habitat Conversion

- Vegetation Clearing
- Temporary Project Component**
- Access Road
- Pull Site/Tension Site
- Hydrology**
- Delineated Stream

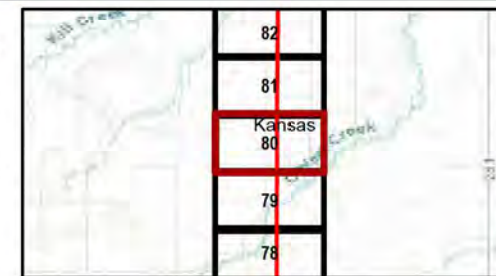
NHD Stream/River

Impaired Waterway (303d)

Delineated Wetland

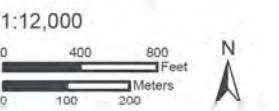
- Palustrine Aquatic Bed (PAB)
- Palustrine Emergent (PEM)
- Palustrine Unconsolidated Bottom (PUB)

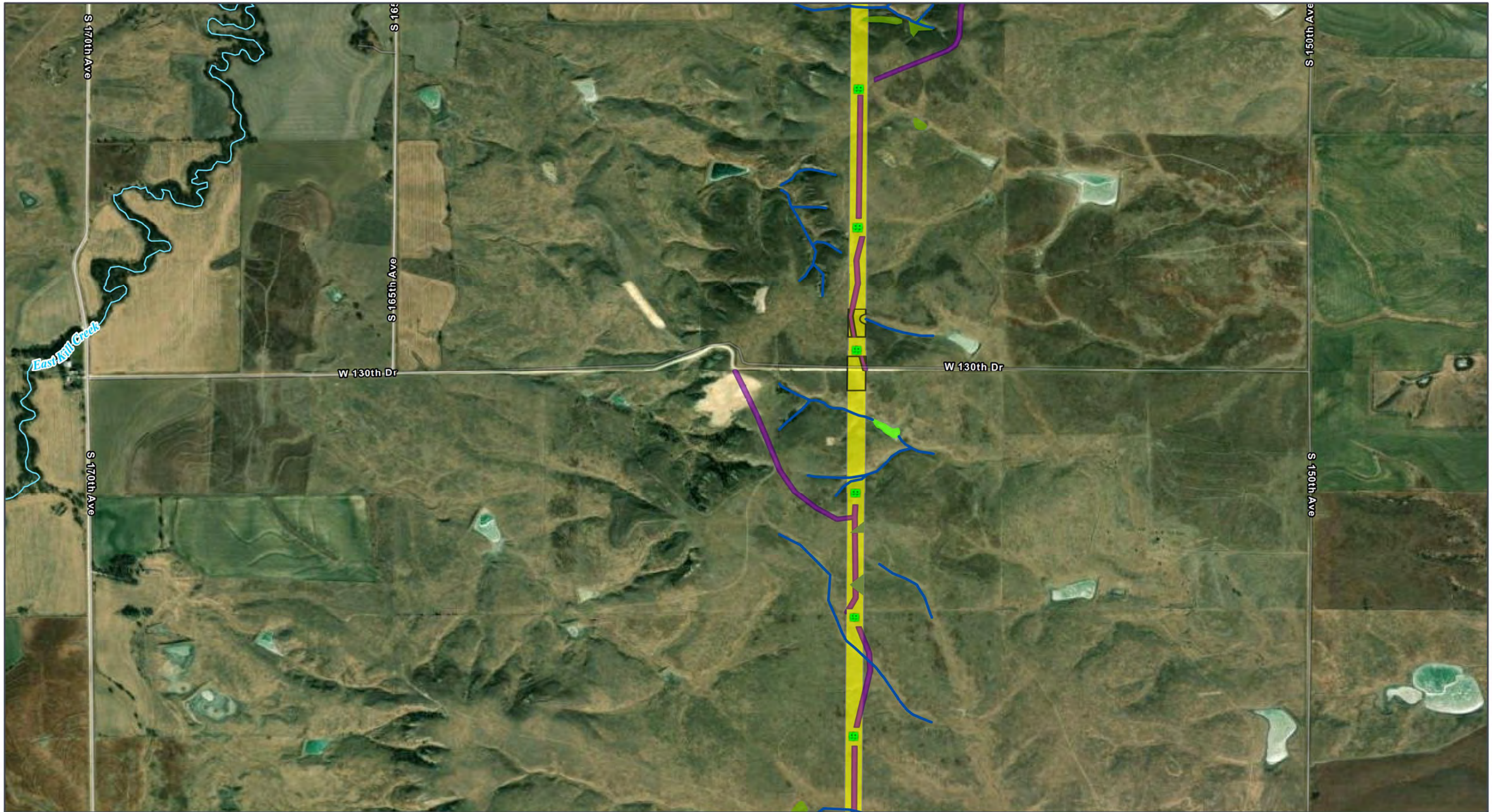
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online,
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Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k





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TRANSMISSION LINE PROJECT

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ROW

Permanent Project Component

Transmission Structure

Habitat Conversion

Vegetation Clearing

Temporary Project Component

Access Road

Pull Site/Tension Site

Hydrology

Delineated Stream

NHD Stream/River

Delineated Wetland

Palustrine Emergent (PEM)

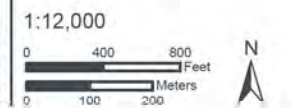
Palustrine Unconsolidated Bottom (PUB)

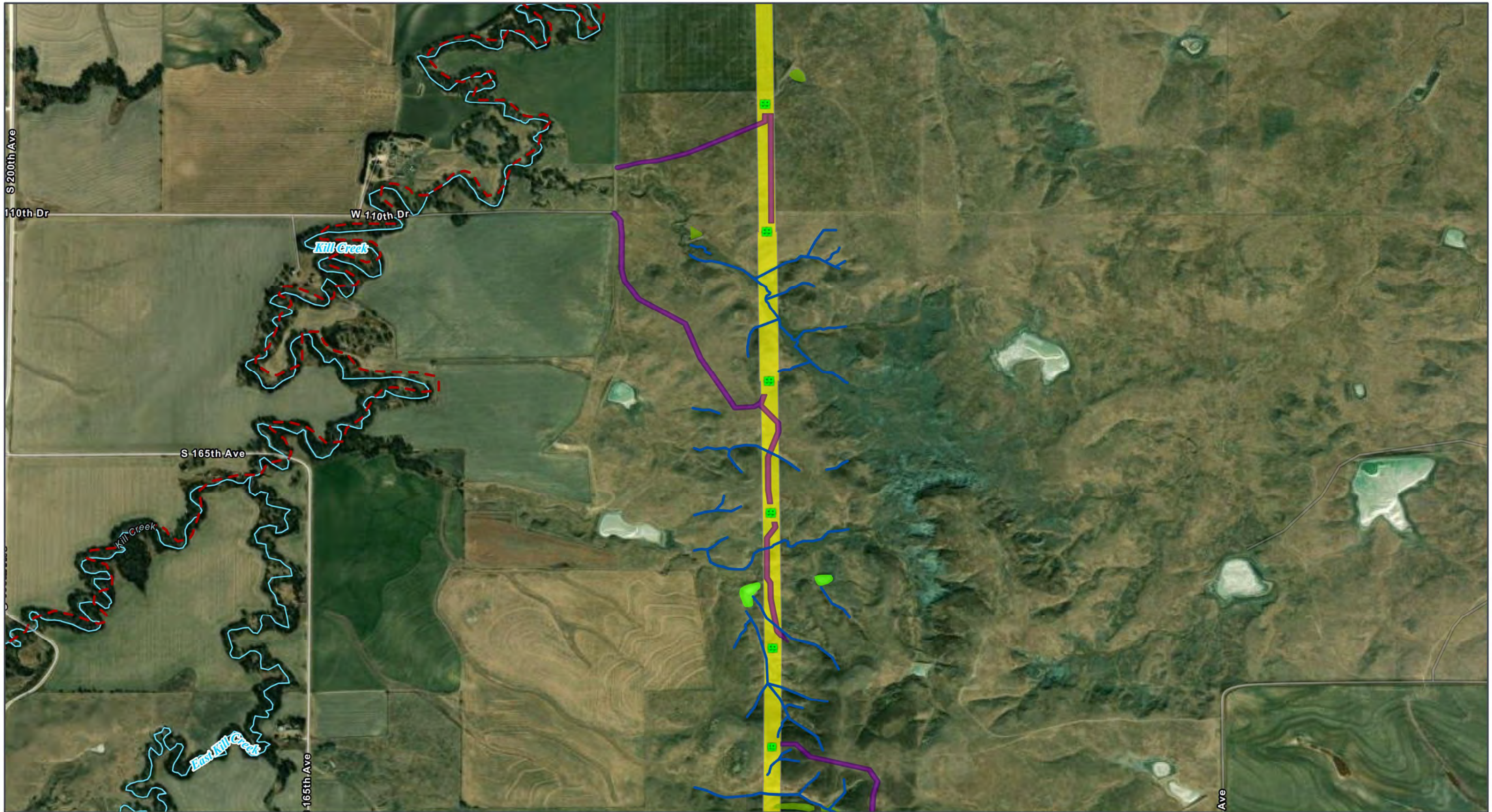
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online,
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Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k

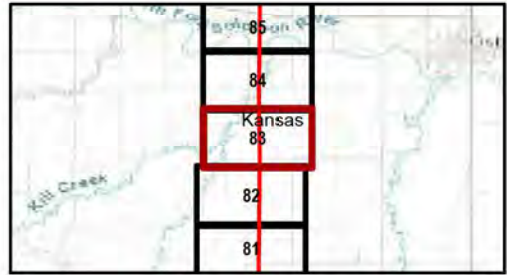




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- | | | |
|---|---|---|
| <p>Permanent Project Component</p> <ul style="list-style-type: none"> ■ Transmission Structure | <p>Temporary Project Component</p> <ul style="list-style-type: none"> ■ Access Road <p>Hydrology</p> <ul style="list-style-type: none"> — Delineated Stream — NHD Stream/River | <ul style="list-style-type: none"> - - - Impaired Waterway (303d) <p>Delineated Wetland</p> <ul style="list-style-type: none"> ■ Palustrine Emergent (PEM) ■ Palustrine Unconsolidated Bottom (PUB) |
|---|---|---|

All disturbance areas are likely an over-estimation of direct impacts and based on assumptions presented in the Chapter 2 disturbance model (Table 2-1). These impact areas will be refined and finalized once field surveys are complete and avoidance and/or mitigation measures are implemented

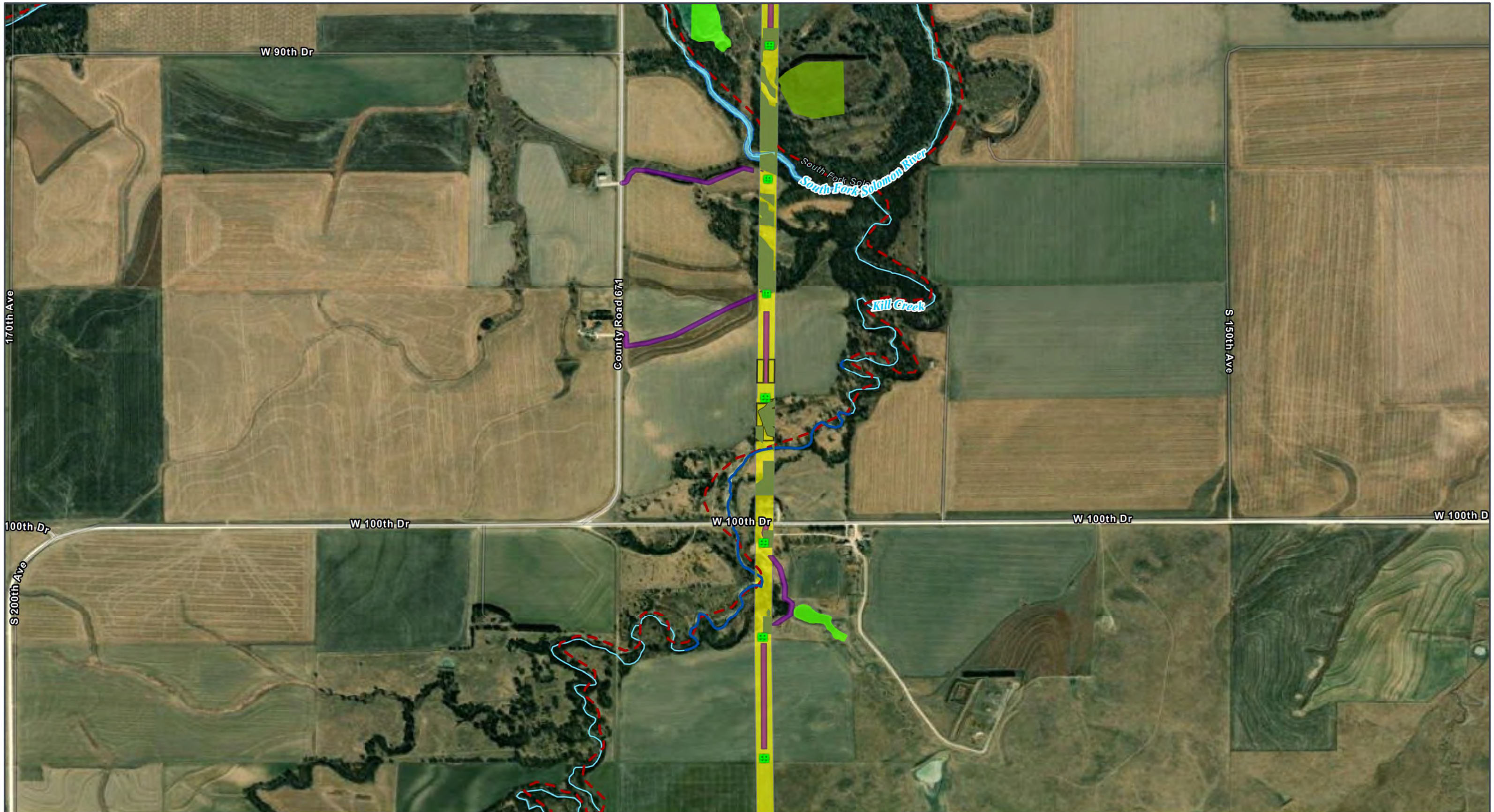


Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k

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0 400 800 Feet
0 100 200 Meters



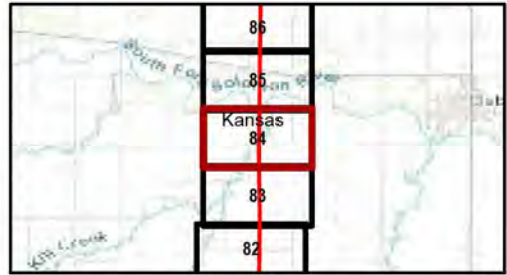
GRAIN BELT EXPRESS
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- ROW
- Permanent Project Component**
- Transmission Structure
- Habitat Conversion**
- Vegetation Clearing

- Temporary Project Component**
- Access Road
- Pull Site/Tension Site
- Hydrology**
- Delineated Stream
- NHD Stream/River

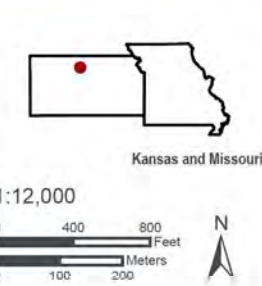
- Impaired Waterway (303d)
- Delineated Wetland**
- Palustrine Emergent (PEM)
- Palustrine Unconsolidated Bottom (PUB)
- Delineated Waterbody

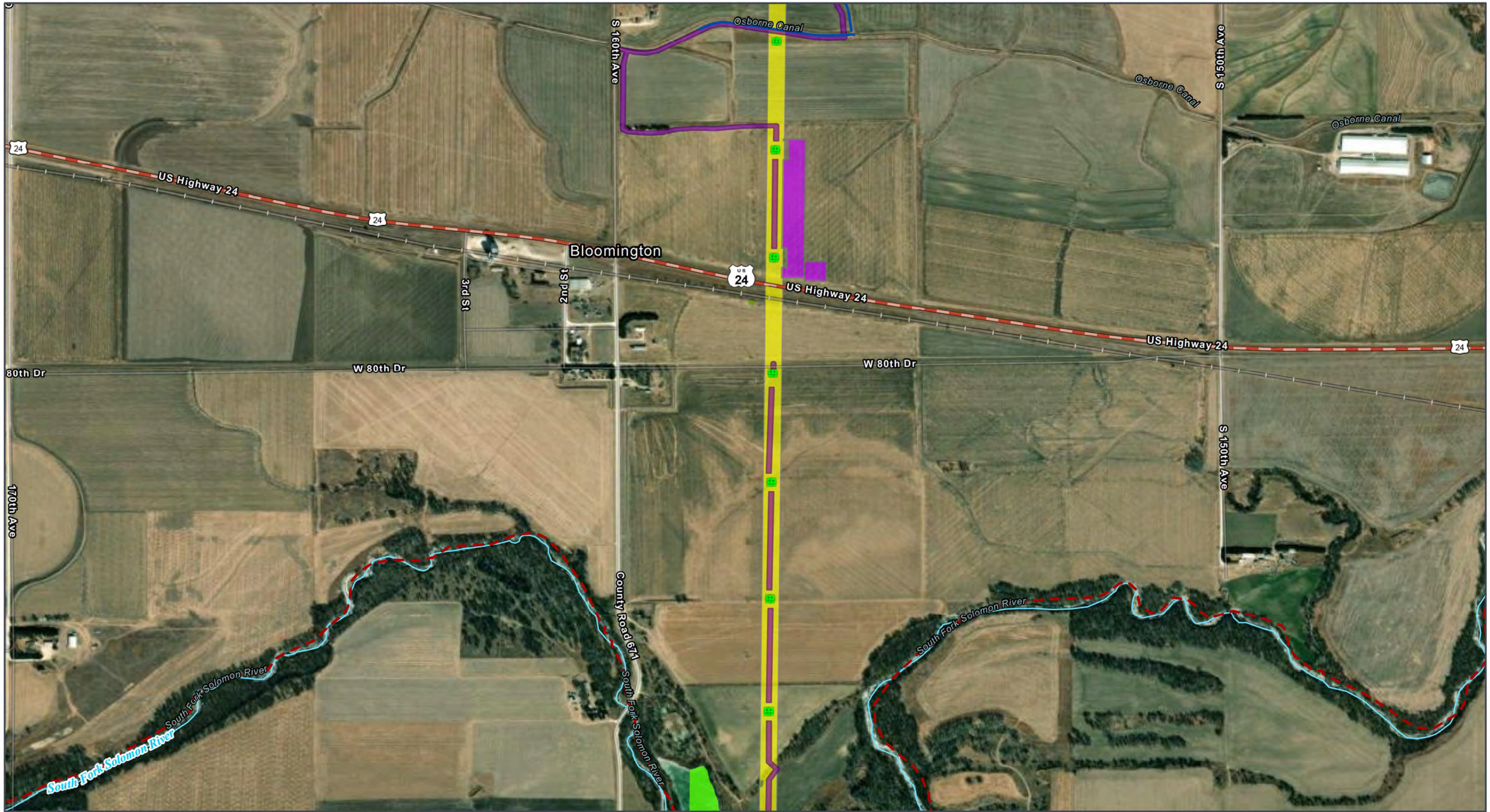
All disturbance areas are likely an over-estimation of direct impacts and based on assumptions presented in the Chapter 2 disturbance model (Table 2-1). These impact areas will be refined and finalized once field surveys are complete and avoidance and/or mitigation measures are implemented



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

Base Map: Esri ArcGIS Online,
accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k

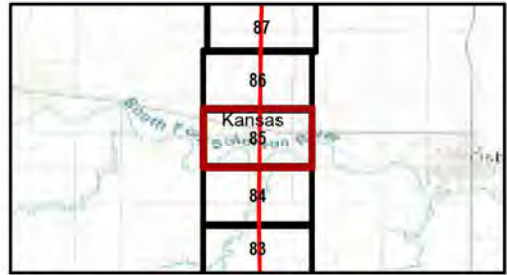




GRAIN BELT EXPRESS
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- | | | |
|---|---|--|
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|---|---|--|

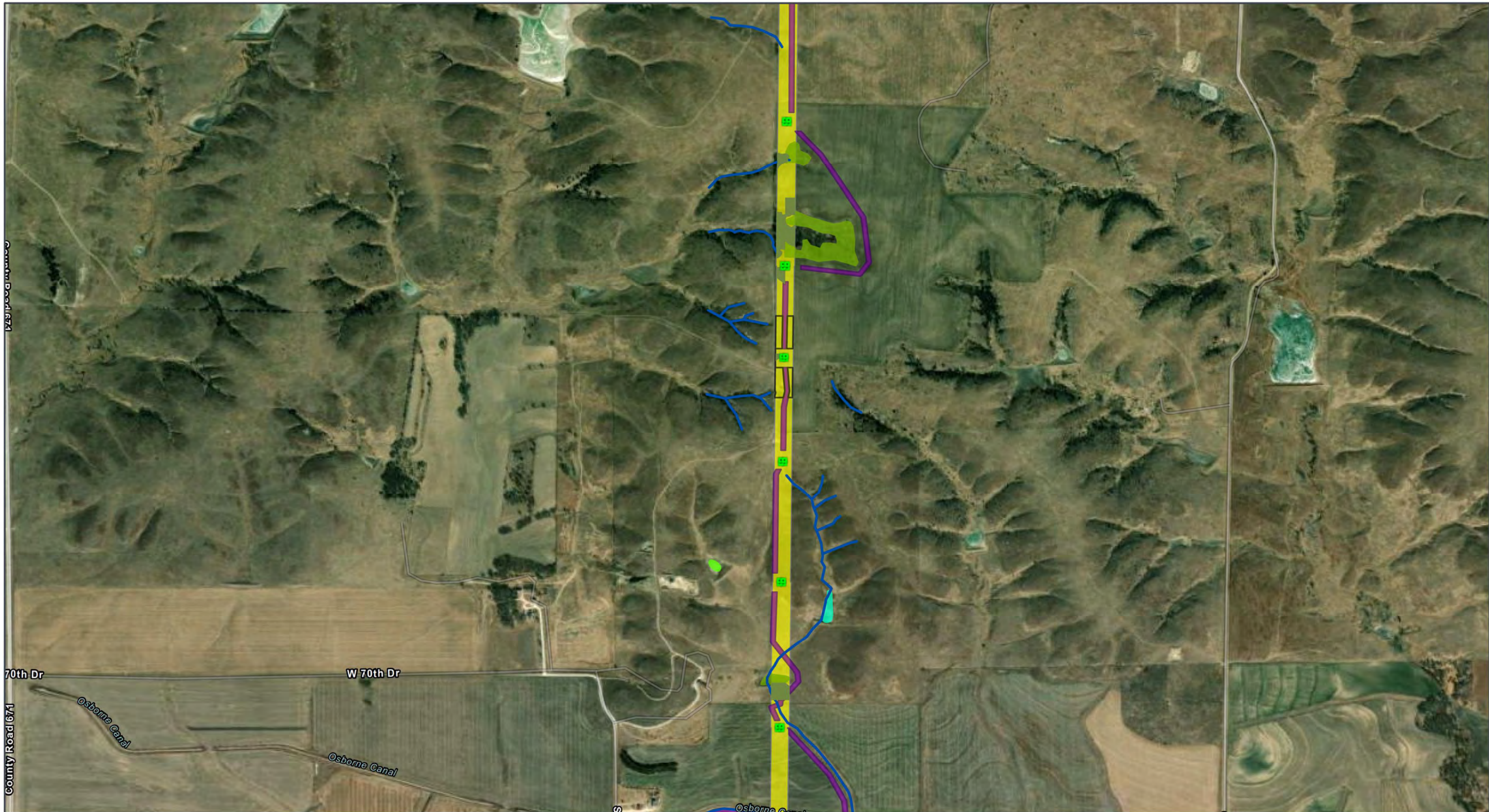
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

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Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k



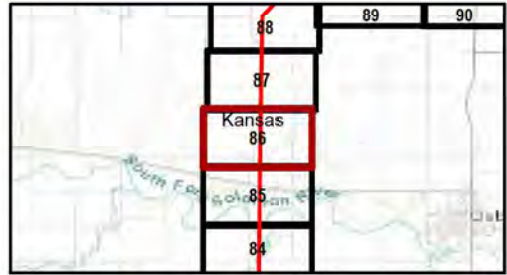
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- ROW
- Permanent Project Component**
- Transmission Structure
- Habitat Conversion**
- Vegetation Clearing

- Temporary Project Component**
- Access Road
- Pull Site/Tension Site
- Hydrology**
- Delineated Stream

- Delineated Wetland**
- Palustrine Aquatic Bed (PAB)
- Palustrine Emergent (PEM)
- Palustrine Unconsolidated Bottom (PUB)

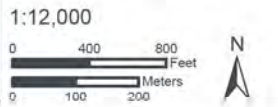
All disturbance areas are likely an over-estimation of direct impacts and based on assumptions presented in the Chapter 2 disturbance model (Table 2-1). These impact areas will be refined and finalized once field surveys are complete and avoidance and/or mitigation measures are implemented

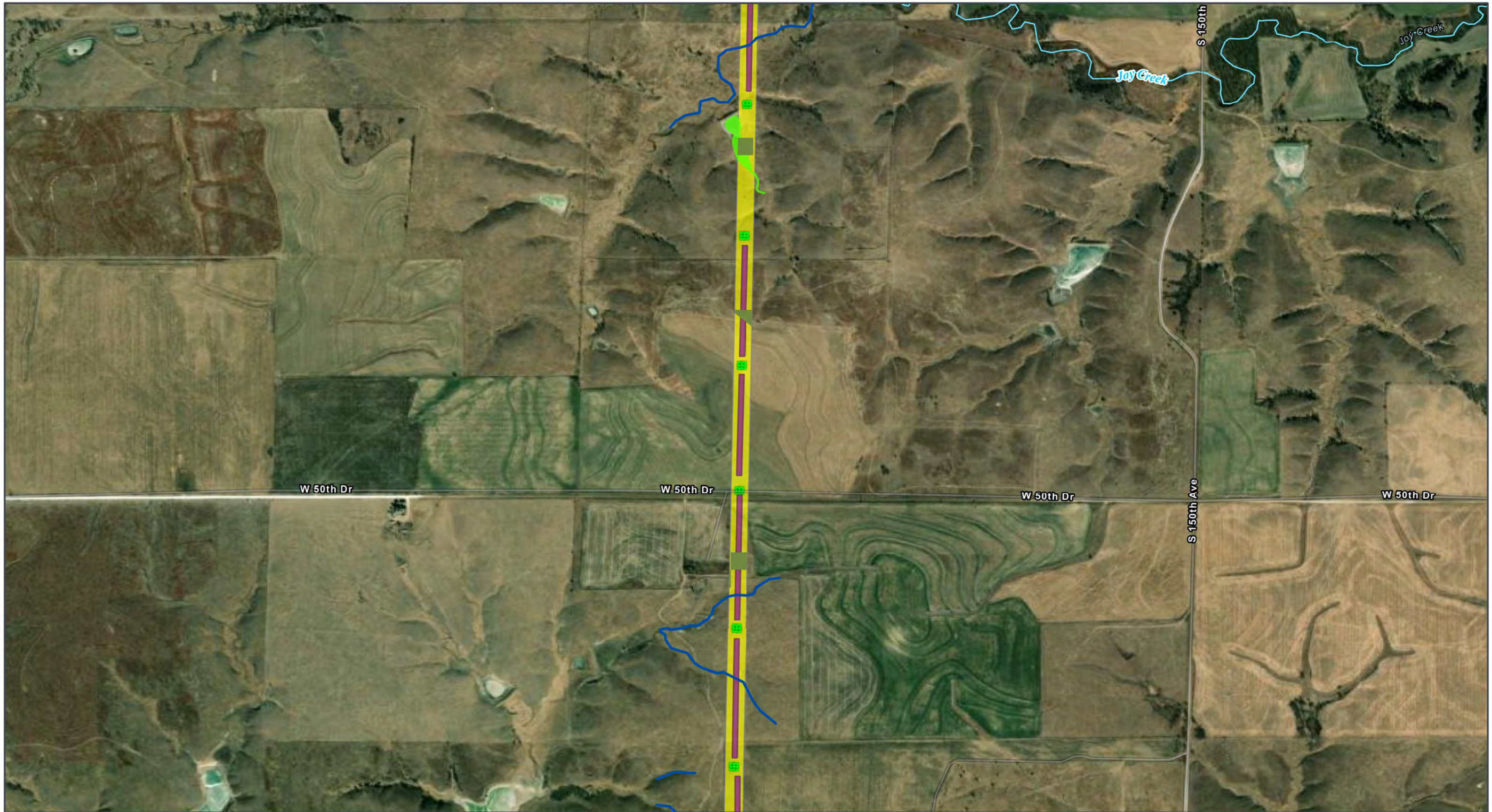


Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W



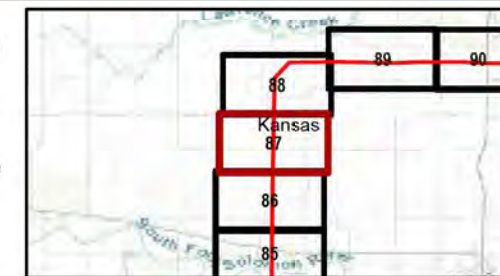
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Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k





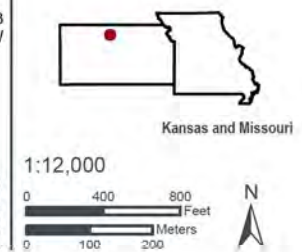
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|------------------------------------|------------------------------------|--|
| ROW | Temporary Project Component | Delineated Wetland |
| Permanent Project Component | Access Road | Palustrine Unconsolidated Bottom (PUB) |
| Transmission Structure | Hydrology | |
| Habitat Conversion | Delineated Stream | |
| Vegetation Clearing | NHD Stream/River | |

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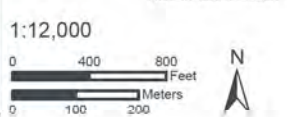


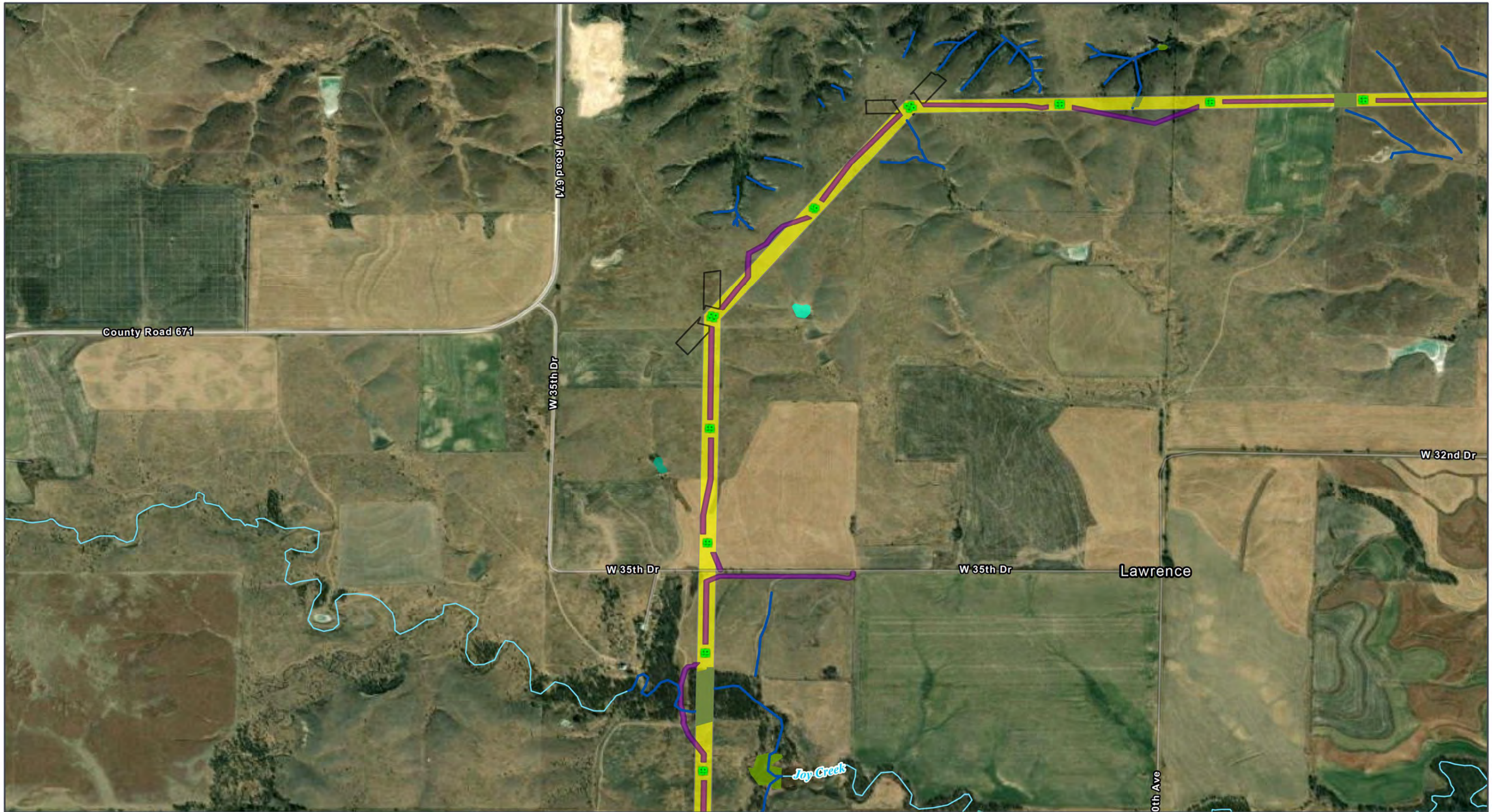
Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online,
accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k



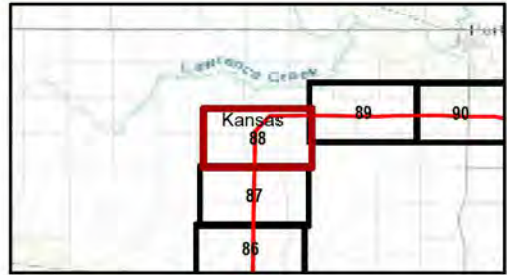
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|------------------------------------|------------------------------------|------------------------------|
| ROW | Temporary Project Component | NHD Stream/River |
| Permanent Project Component | Access Road | Delineated Wetland |
| Transmission Structure | Pull Site/Tension Site | Palustrine Aquatic Bed (PAB) |
| Habitat Conversion | Hydrology | Palustrine Emergent (PEM) |
| Vegetation Clearing | Delineated Stream | Palustrine Forested (PFO) |

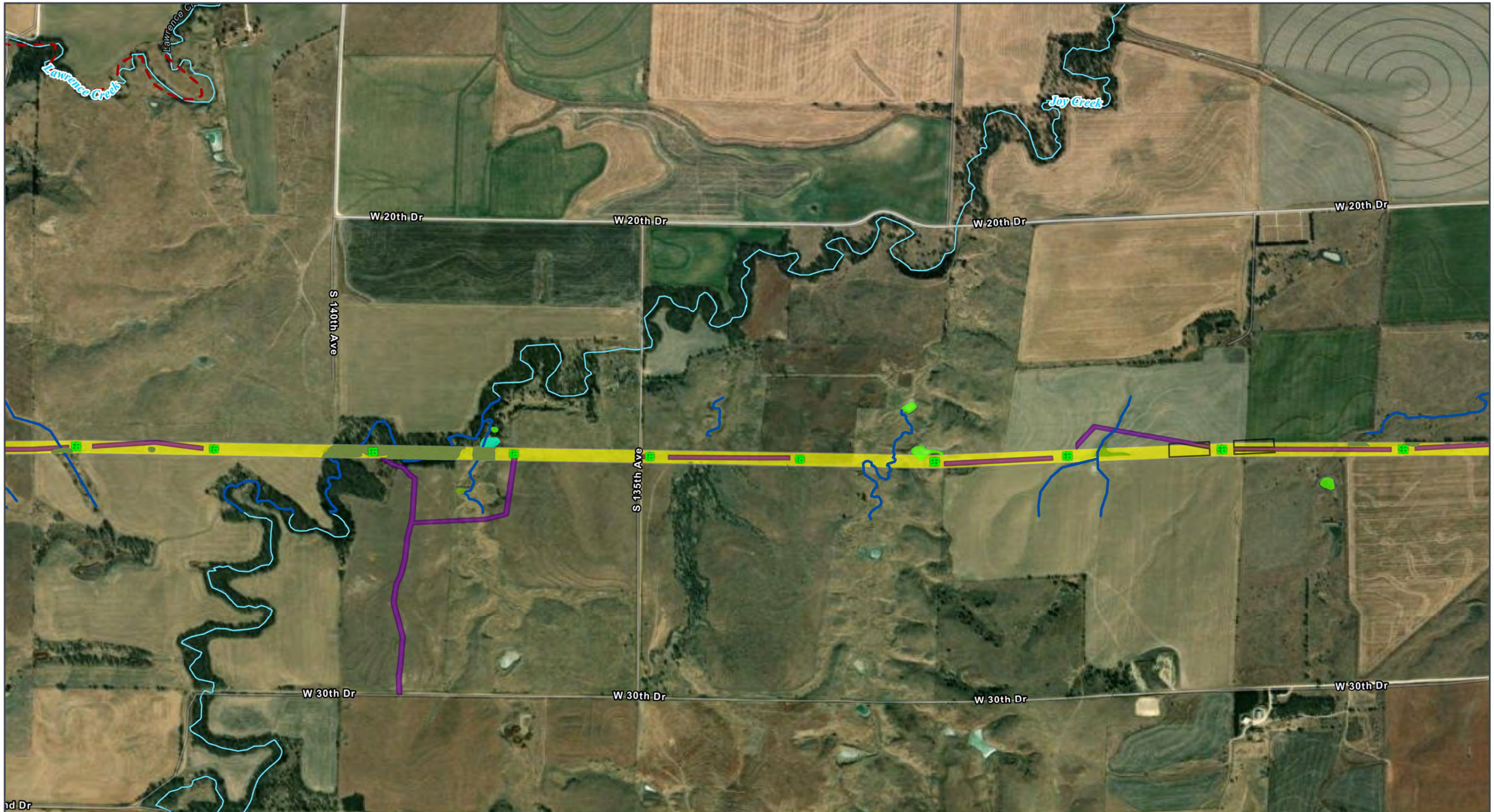
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

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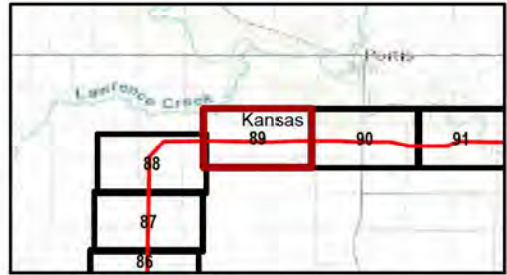
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Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k



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- | | | |
|---|---|--|
| <ul style="list-style-type: none"> ROW Permanent Project Component Transmission Structure Habitat Conversion Vegetation Clearing | <ul style="list-style-type: none"> Temporary Project Component Access Road Pull Site/Tension Site Hydrology Delineated Stream NHD Stream/River | <ul style="list-style-type: none"> Impaired Waterway (303d) Delineated Wetland Palustrine Aquatic Bed (PAB) Palustrine Emergent (PEM) Palustrine Unconsolidated Bottom (PUB) |
|---|---|--|

All disturbance areas are likely an over-estimation of direct impacts and based on assumptions presented in the Chapter 2 disturbance model (Table 2-1). These impact areas will be refined and finalized once field surveys are complete and avoidance and/or mitigation measures are implemented



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

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Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
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Kansas and Missouri

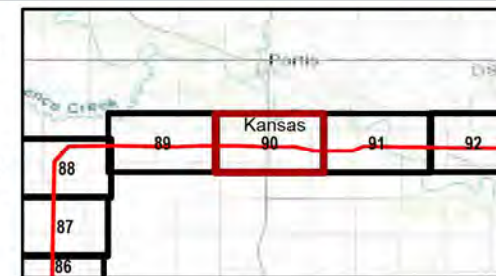


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- ROW
- Permanent Project Component**
- Transmission Structure
- Habitat Conversion**
- Vegetation Clearing
- Temporary Project Component**
- Access Road
- Helipad / Fly Yard
- Pull Site/Tension Site
- Hydrology**
- Delineated Stream
- NHD Stream/River
- Impaired Waterway (303d)

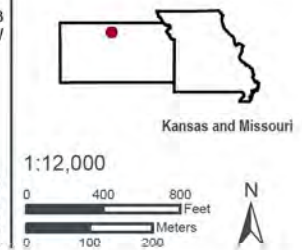
- Delineated Wetland**
- Palustrine Emergent (PEM)
- Palustrine Unconsolidated Bottom (PUB)
- Transportation**
- U.S. Highway

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

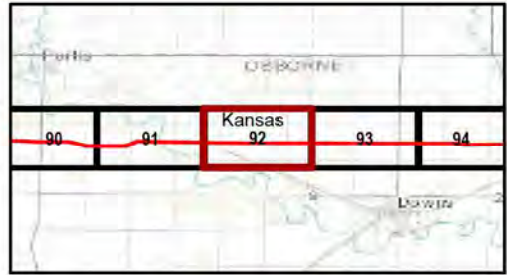
Base Map: Esri ArcGIS Online,
accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k





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|------------------------------------|------------------------------------|---------------------------|
| ROW | Temporary Project Component | Impaired Waterway (303d) |
| Permanent Project Component | Access Road | Delineated Wetland |
| Transmission Structure | Pull Site/Tension Site | Palustrine Emergent (PEM) |
| Habitat Conversion | Hydrology | Transportation |
| Vegetation Clearing | Delineated Stream | Railroad |
| | NHD Stream/River | |

All disturbance areas are likely an over-estimation of direct impacts and based on assumptions presented in the Chapter 2 disturbance model (Table 2-1). These impact areas will be refined and finalized once field surveys are complete and avoidance and/or mitigation measures are implemented



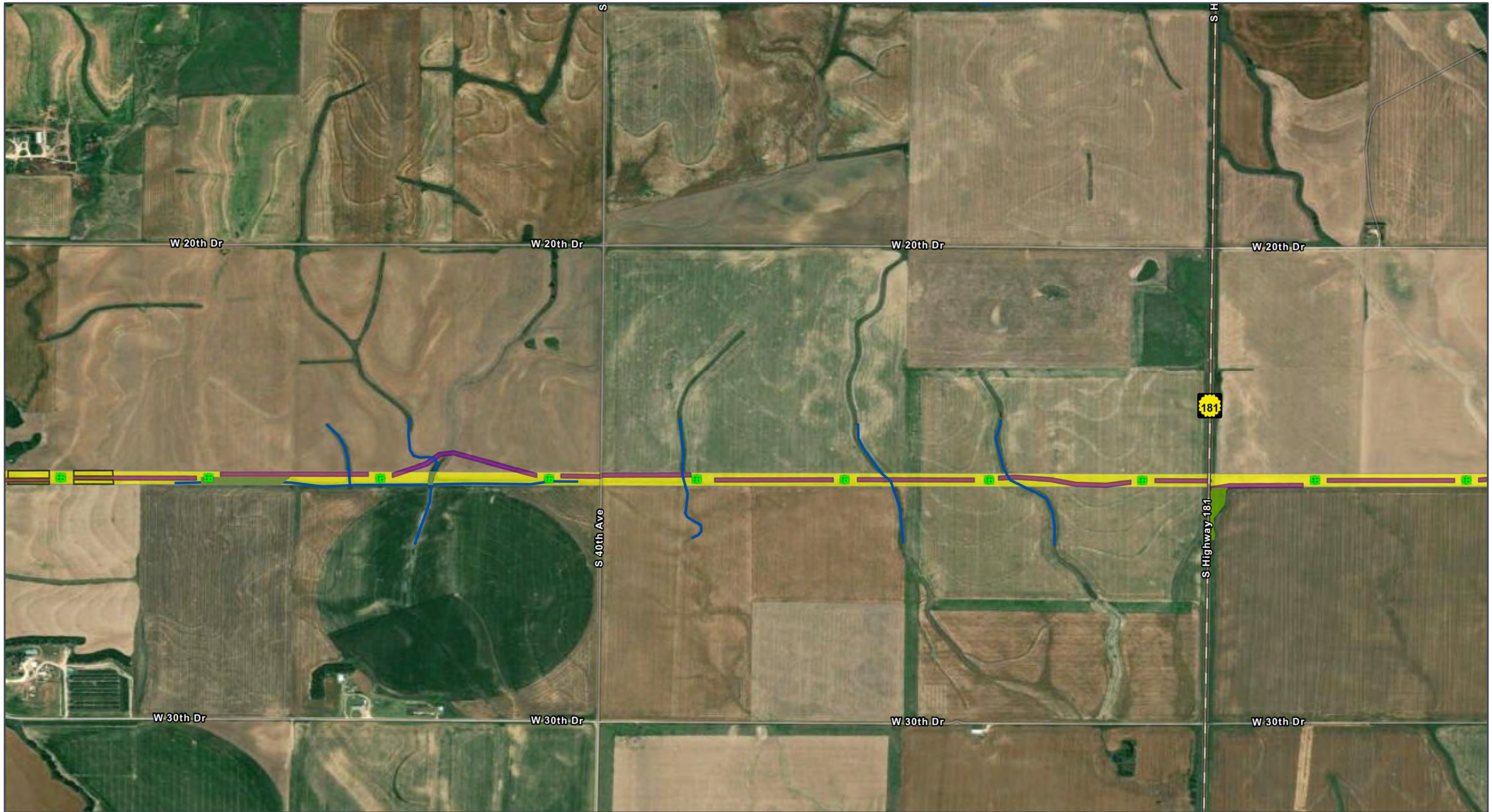
Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k

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0 400 800 Feet
0 100 200 Meters

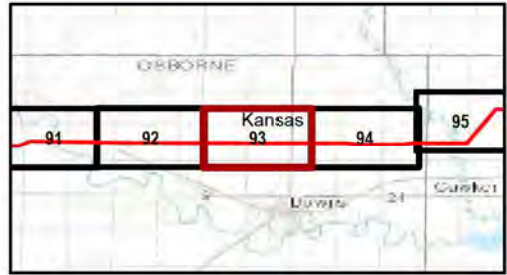
Kansas and Missouri



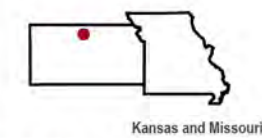
GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
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- | | | |
|------------------------------------|------------------------------------|---------------------------|
| ROW | Temporary Project Component | PLJV Playa |
| Permanent Project Component | Access Road | Delineated Wetland |
| Transmission Structure | Pull Site/Tension Site | Palustrine Emergent (PEM) |
| Habitat Conversion | Hydrology | Transportation |
| Vegetation Clearing | Delineated Stream | State Highway |

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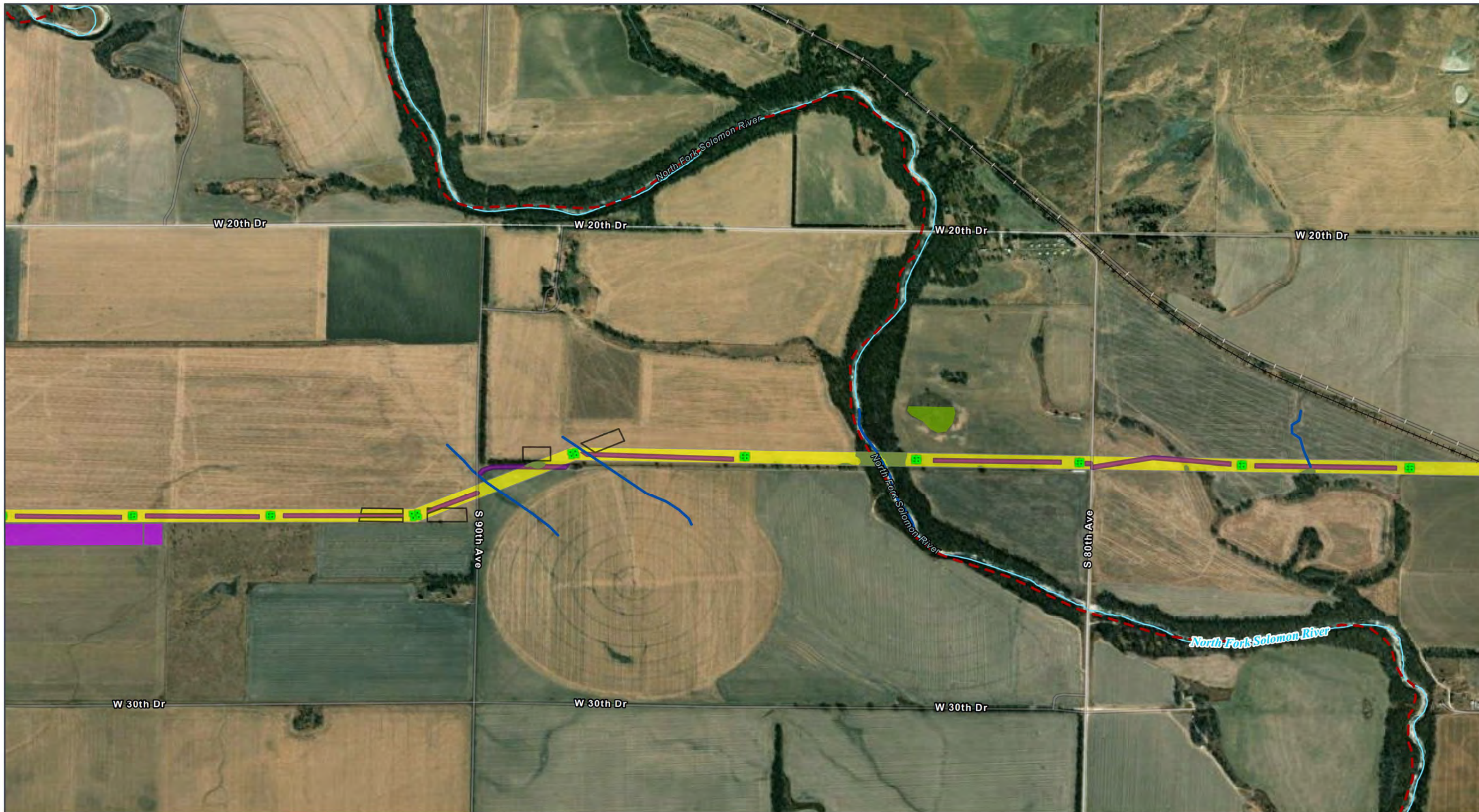
Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W



Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k

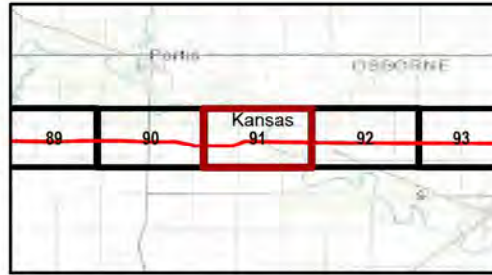
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0 400 800 Feet
0 100 200 Meters



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|------------------------------------|------------------------------------|---------------------------|
| ROW | Temporary Project Component | NHD Stream/River |
| Permanent Project Component | Access Road | Impaired Waterway (303d) |
| Transmission Structure | Helipad / Fly Yard | Delineated Wetland |
| Habitat Conversion | Pull Site/Tension Site | Palustrine Emergent (PEM) |
| Vegetation Clearing | Hydrology | Transportation |
| | Delineated Stream | Railroad |

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

Kansas and Missouri

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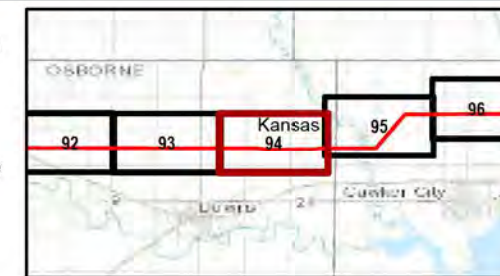
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0 100 200 Meters

Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k



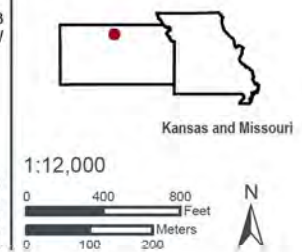
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|------------------------------------|------------------------------------|--|
| ROW | Temporary Project Component | Impaired Waterway (303d) |
| Permanent Project Component | Access Road | Delineated Wetland |
| Transmission Structure | Pull Site/Tension Site | Palustrine Aquatic Bed (PAB) |
| Habitat Conversion | Hydrology | Palustrine Emergent (PEM) |
| Vegetation Clearing | Delineated Stream | Palustrine Unconsolidated Bottom (PUB) |
| | NHD Stream/River | |

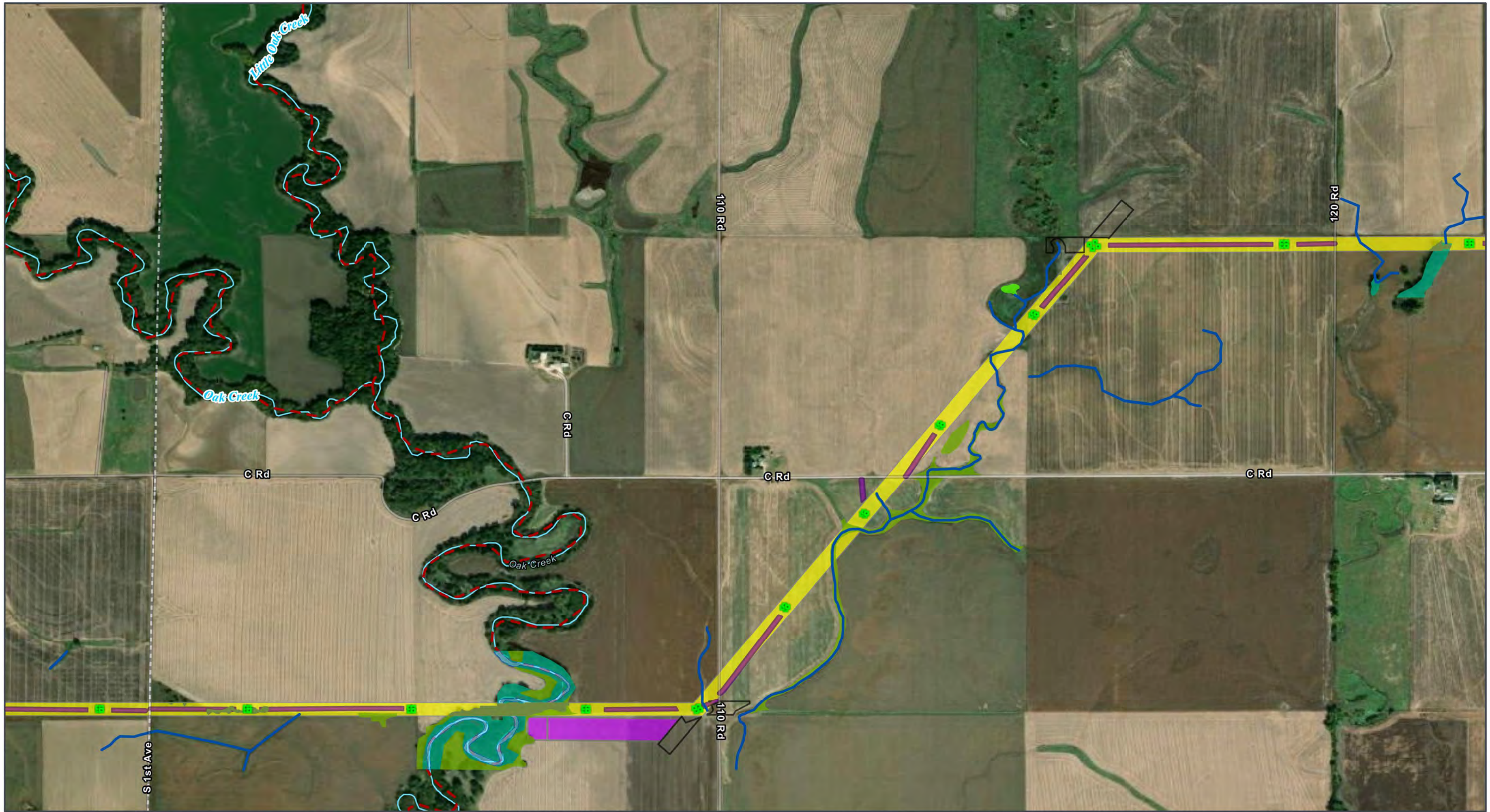
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online,
accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
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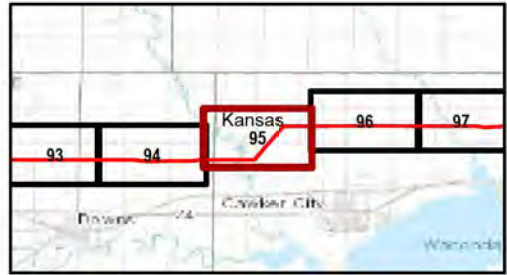
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- ROW
- Permanent Project Component**
- Transmission Structure
- Habitat Conversion**
- Vegetation Clearing
- Temporary Project Component**
- Access Road
- Helipad / Fly Yard
- Pull Site/Tension Site
- Hydrology**
- Delineated Stream
- NHD Stream/River
- Impaired Waterway (303d)

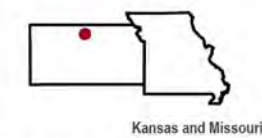
- Delineated Wetland**
- Palustrine Emergent (PEM)
- Palustrine Forested (PFO)
- Palustrine Unconsolidated Bottom (PUB)
- Delineated Waterbody

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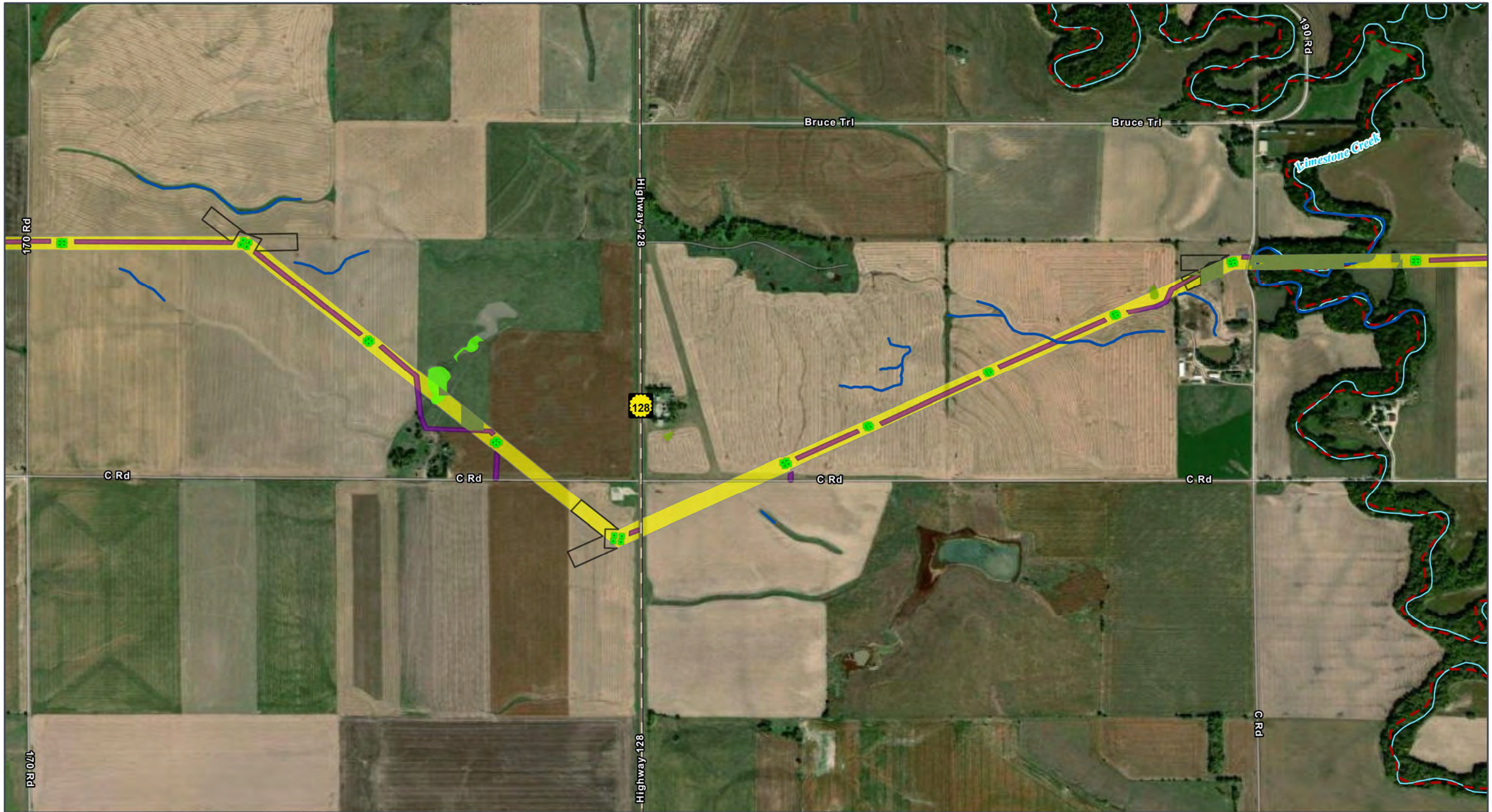


Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online,
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Project No. 60694559
Layout: Wetland Mapbook 12k
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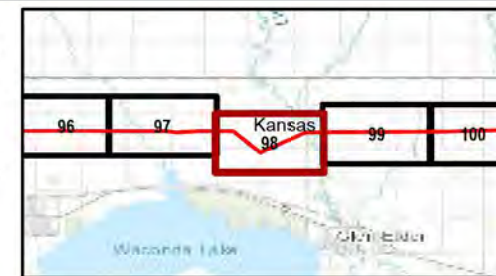


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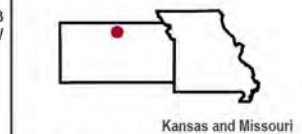
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| <p>ROW</p> <p>Permanent Project Component</p> <ul style="list-style-type: none"> ■ Transmission Structure <p>Habitat Conversion</p> <ul style="list-style-type: none"> ■ Vegetation Clearing | <p>Temporary Project Component</p> <ul style="list-style-type: none"> ■ Access Road Pull Site/Tension Site <p>Hydrology</p> <ul style="list-style-type: none"> — Delineated Stream — NHD Stream/River | <ul style="list-style-type: none"> — Impaired Waterway (303d) <p>Delineated Wetland</p> <ul style="list-style-type: none"> ■ Palustrine Emergent (PEM) ■ Palustrine Unconsolidated Bottom (PUB) <p>Transportation</p> <ul style="list-style-type: none"> — State Highway |
|---|--|--|

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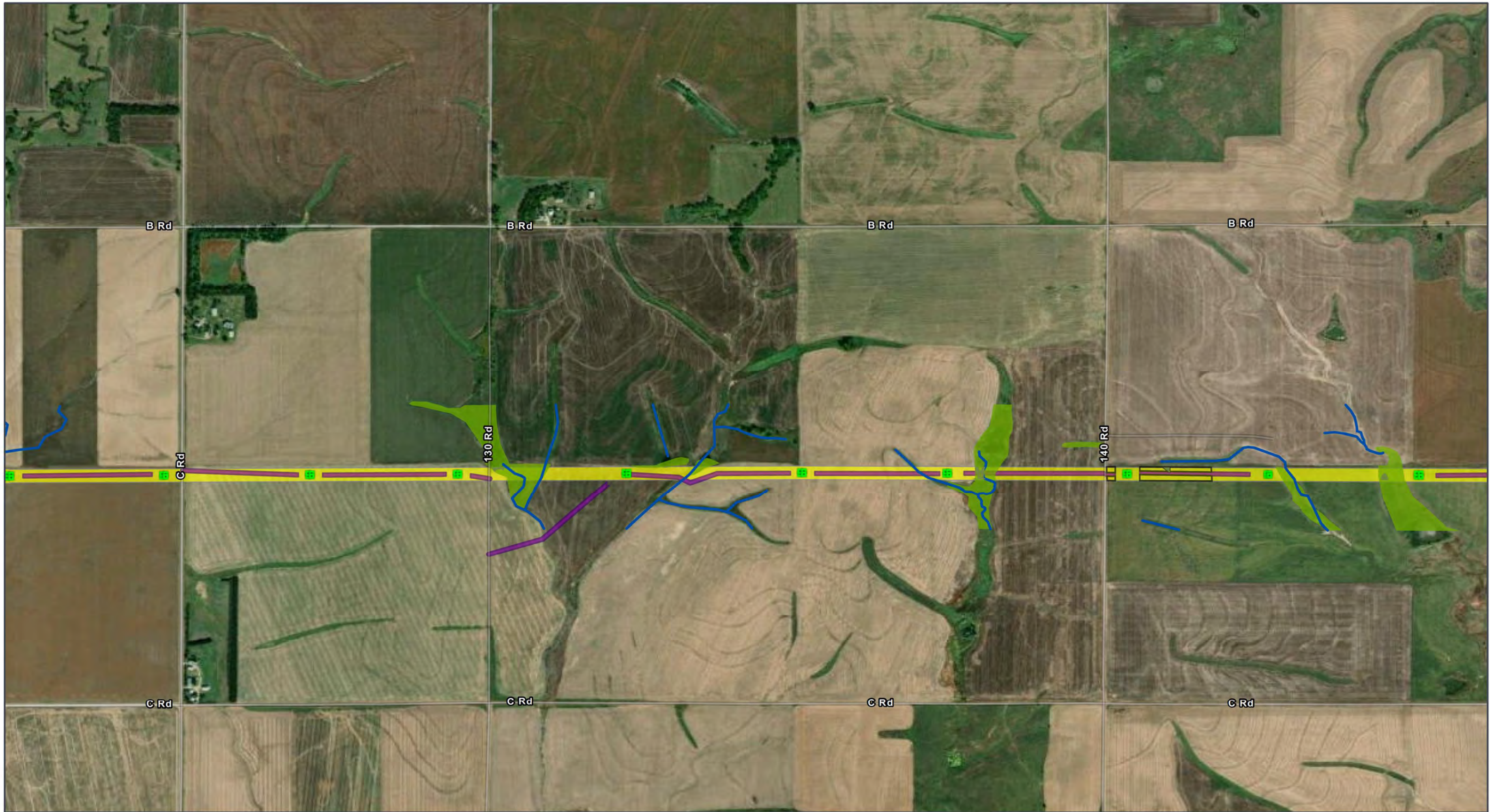


Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online,
accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k

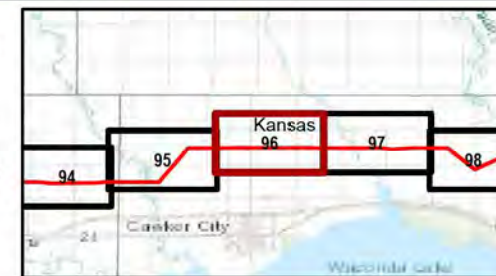


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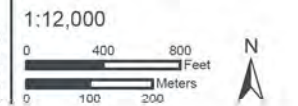
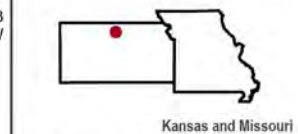
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|------------------------------------|------------------------------------|---------------------------|
| ROW | Temporary Project Component | Delineated Wetland |
| Permanent Project Component | Access Road | Palustrine Emergent (PEM) |
| Transmission Structure | Pull Site/Tension Site | |
| Habitat Conversion | Hydrology | |
| Vegetation Clearing | Delineated Stream | |

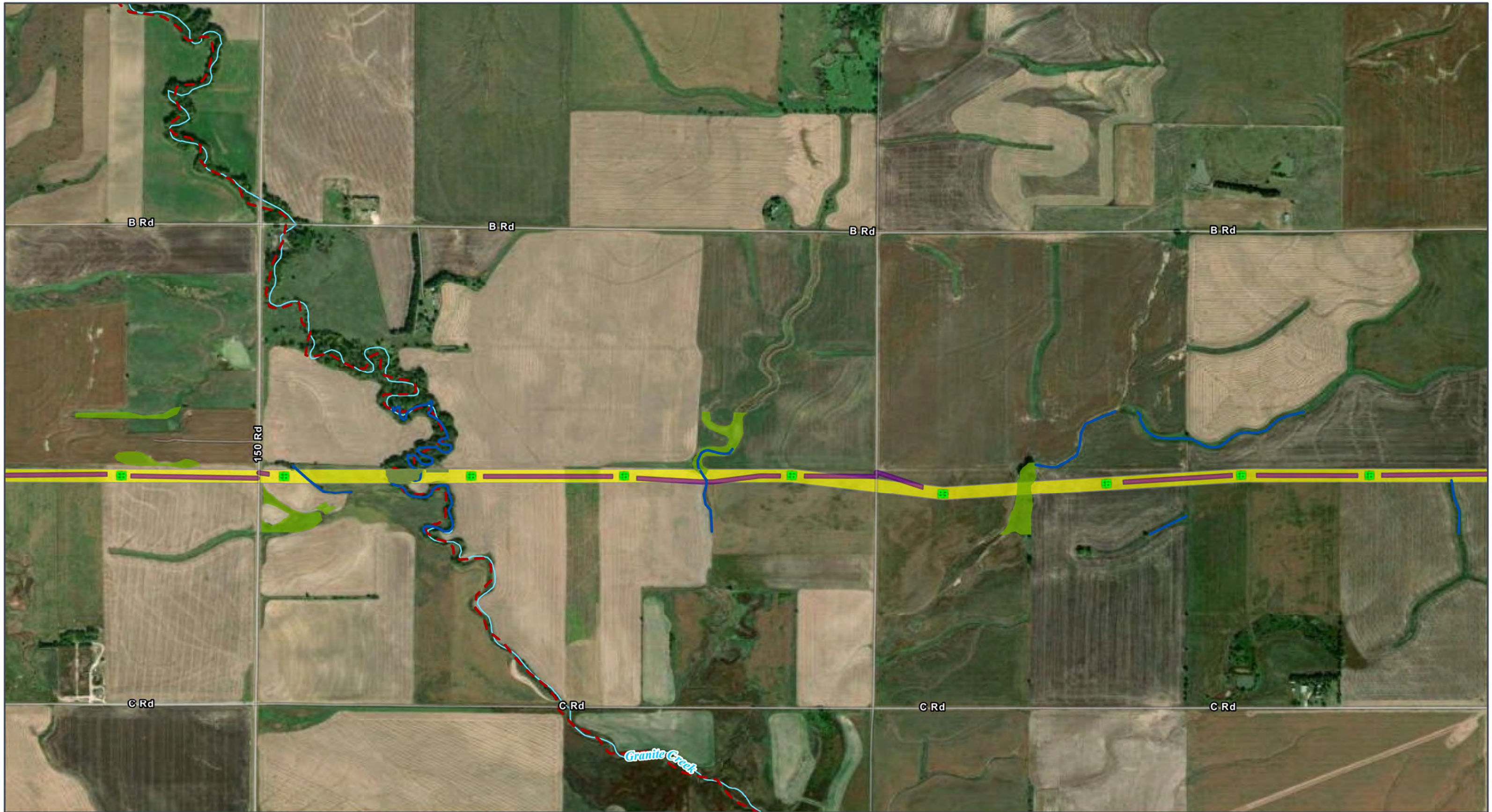
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

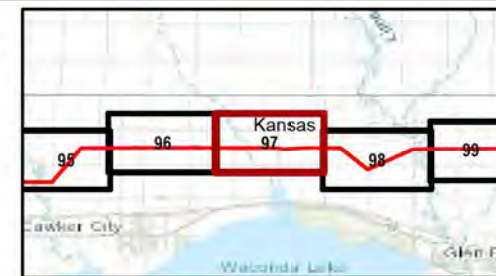
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Project No. 60694559
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App: WetlandMapBook_12k





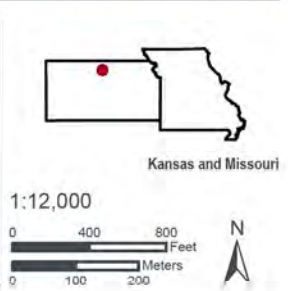
- | | | |
|------------------------------------|------------------------------------|---------------------------|
| ROW | Temporary Project Component | Impaired Waterway (303d) |
| Permanent Project Component | Access Road | Delineated Wetland |
| Transmission Structure | Hydrology | Palustrine Emergent (PEM) |
| Habitat Conversion | Delineated Stream | |
| Vegetation Clearing | NHD Stream/River | |

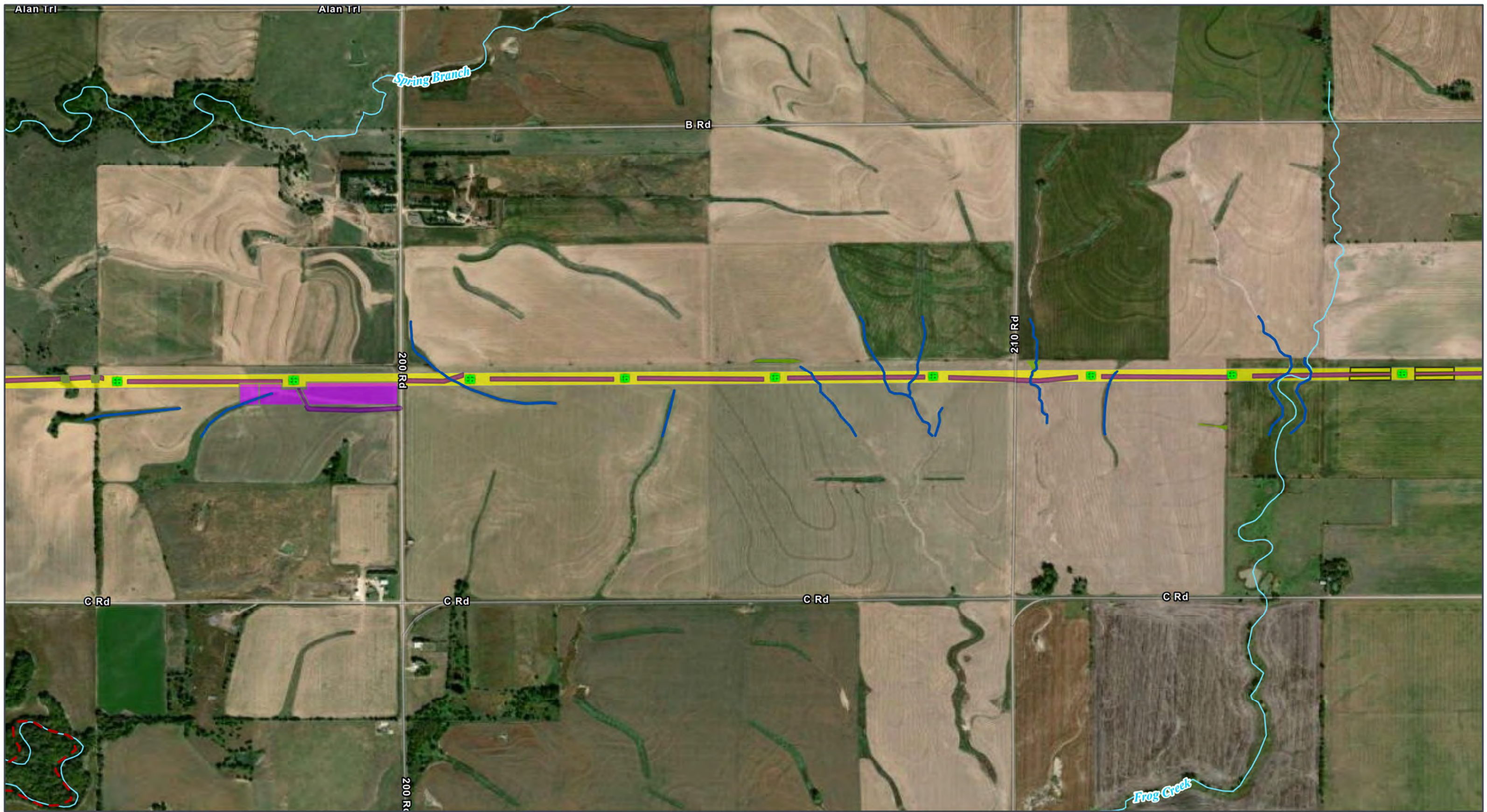
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Kansas and Missouri
GCS North American 1983
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Base Map: Esri ArcGIS Online,
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Project No. 60694559
Layout: Wetland Mapbook 12k
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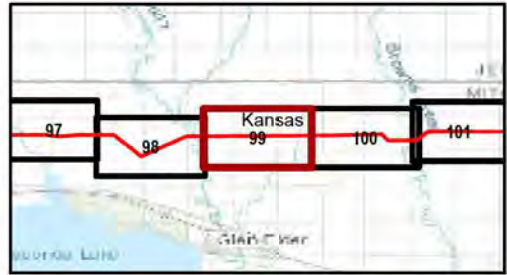




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- | | | |
|------------------------------------|------------------------------------|---------------------------|
| ROW | Temporary Project Component | NHD Stream/River |
| Permanent Project Component | Access Road | Impaired Waterway (303d) |
| Transmission Structure | Helipad / Fly Yard | Delineated Wetland |
| Habitat Conversion | Pull Site/Tension Site | Palustrine Emergent (PEM) |
| Vegetation Clearing | Hydrology | |
| | Delineated Stream | |

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

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Base Map: Esri ArcGIS Online, accessed November 2024
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Project No. 60694559
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Kansas and Missouri



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ROW

Permanent Project Component

Transmission Structure

Habitat Conversion

Vegetation Clearing

Temporary Project Component

Access Road

Pull Site/Tension Site

Hydrology

Delineated Stream

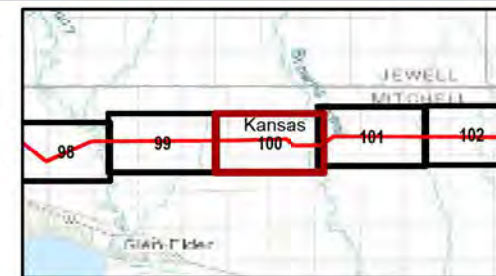
NHD Stream/River

Delineated Wetland

Palustrine Emergent (PEM)

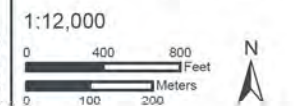
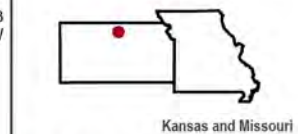
Palustrine Unconsolidated Bottom (PUB)

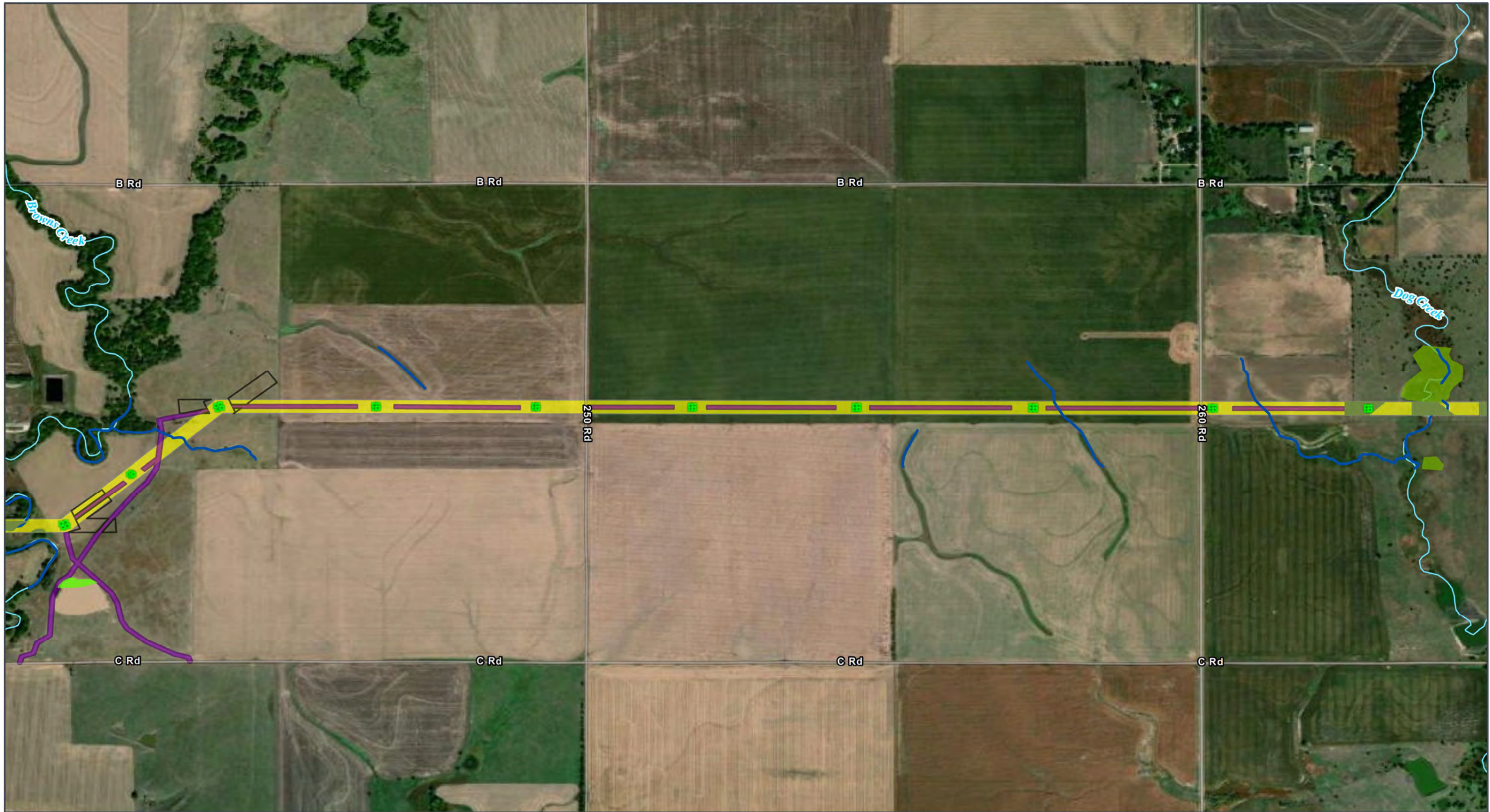
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

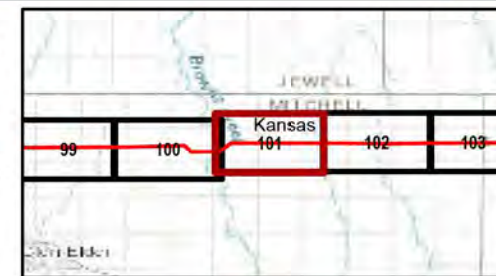
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accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k





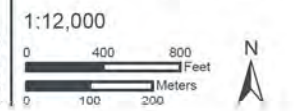
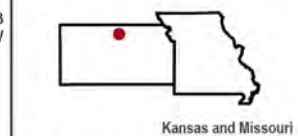
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|------------------------------------|------------------------------------|--|
| ROW | Temporary Project Component | NHD Stream/River |
| Permanent Project Component | Access Road | Delineated Wetland |
| Transmission Structure | Pull Site/Tension Site | Palustrine Emergent (PEM) |
| Habitat Conversion | Hydrology | Palustrine Unconsolidated Bottom (PUB) |
| Vegetation Clearing | Delineated Stream | |

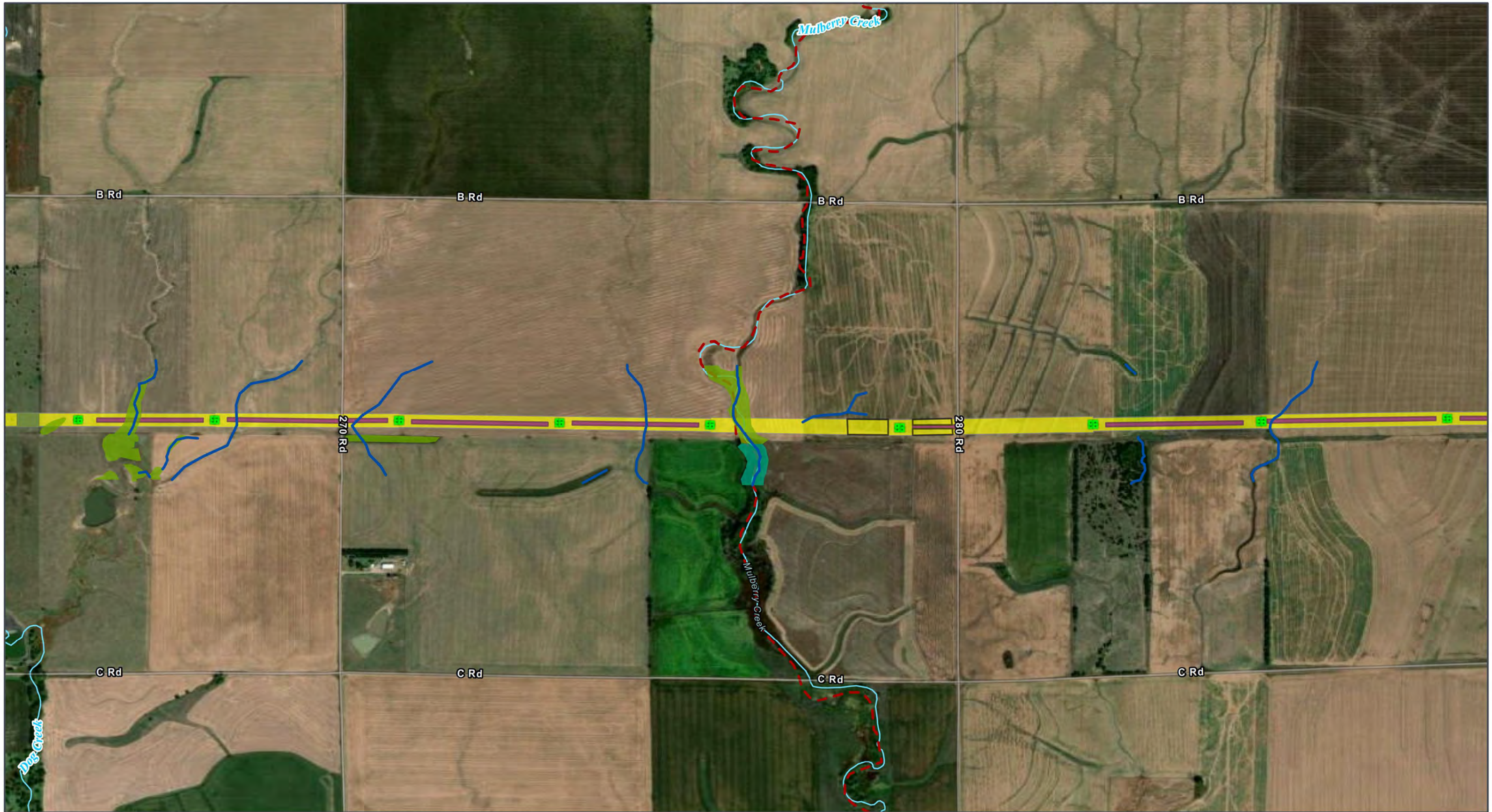
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online,
accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
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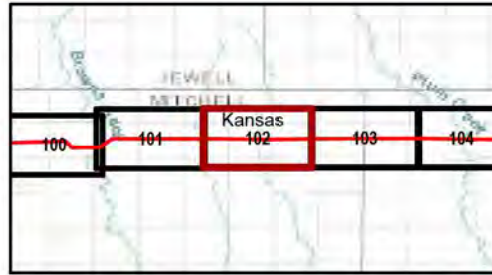


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TRANSMISSION LINE PROJECT
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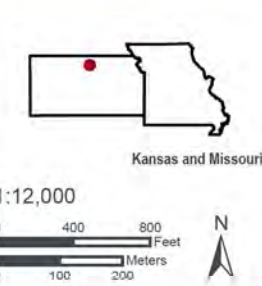
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|------------------------------------|------------------------------------|---------------------------|
| ROW | Temporary Project Component | NHD Stream/River |
| Permanent Project Component | Access Road | Impaired Waterway (303d) |
| Transmission Structure | Pull Site/Tension Site | Delineated Wetland |
| Habitat Conversion | Hydrology | Palustrine Emergent (PEM) |
| Vegetation Clearing | Delineated Stream | Palustrine Forested (PFO) |

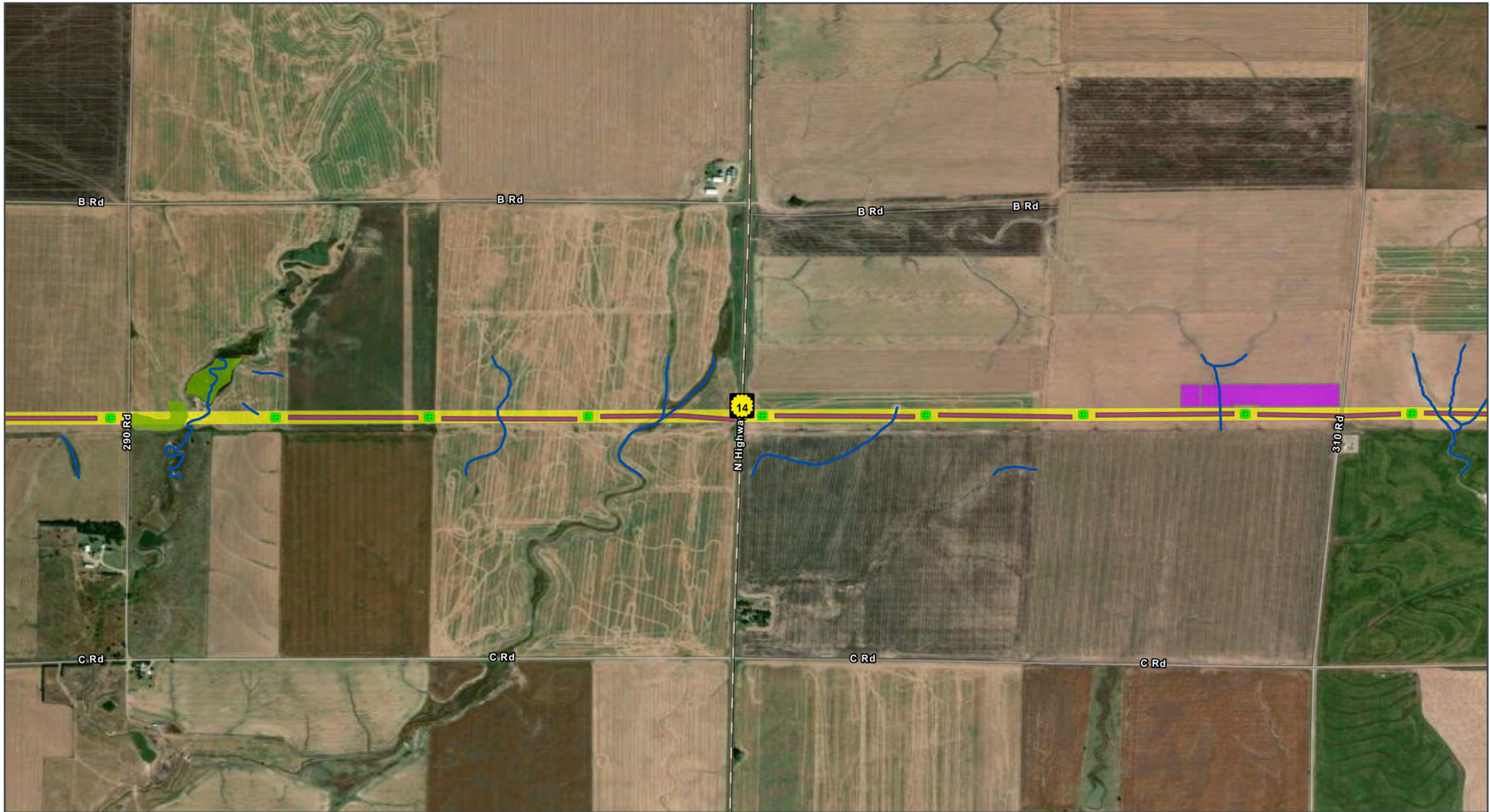
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

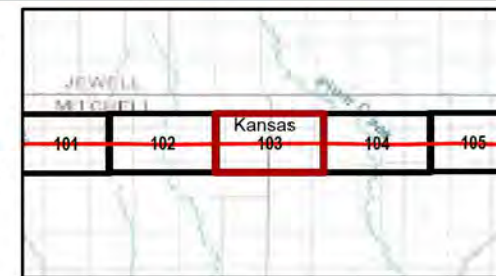
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Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k





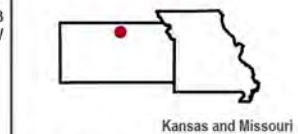
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|------------------------------------|---------------------------|-----------------------|
| ROW | Helipad / Fly Yard | Transportation |
| Permanent Project Component | Hydrology | State Highway |
| Transmission Structure | Delineated Stream | |
| Temporary Project Component | Delineated Wetland | |
| Access Road | Palustrine Emergent (PEM) | |

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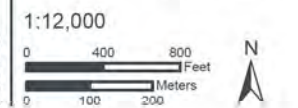


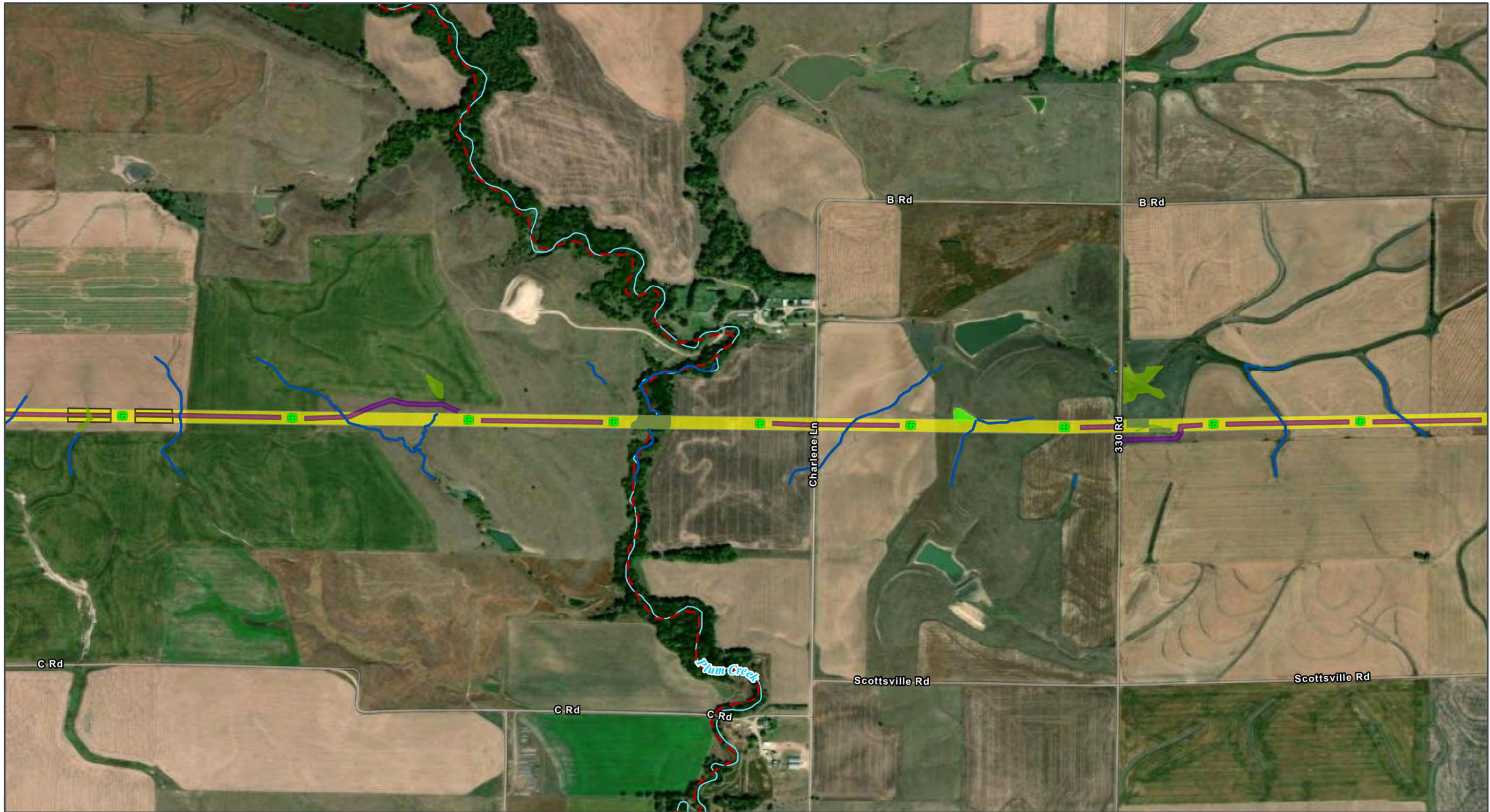
Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

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Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k



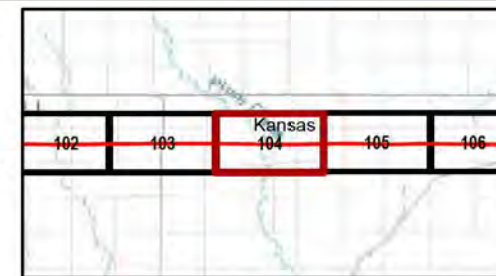
Kansas and Missouri





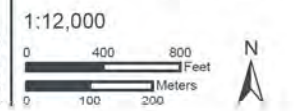
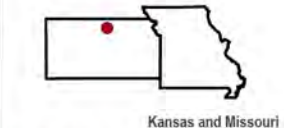
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|------------------------------------|------------------------------------|--|
| ROW | Temporary Project Component | NHD Stream/River |
| Permanent Project Component | Access Road | Impaired Waterway (303d) |
| Transmission Structure | Pull Site/Tension Site | Delineated Wetland |
| Habitat Conversion | Hydrology | Palustrine Emergent (PEM) |
| Vegetation Clearing | Delineated Stream | Palustrine Unconsolidated Bottom (PUB) |

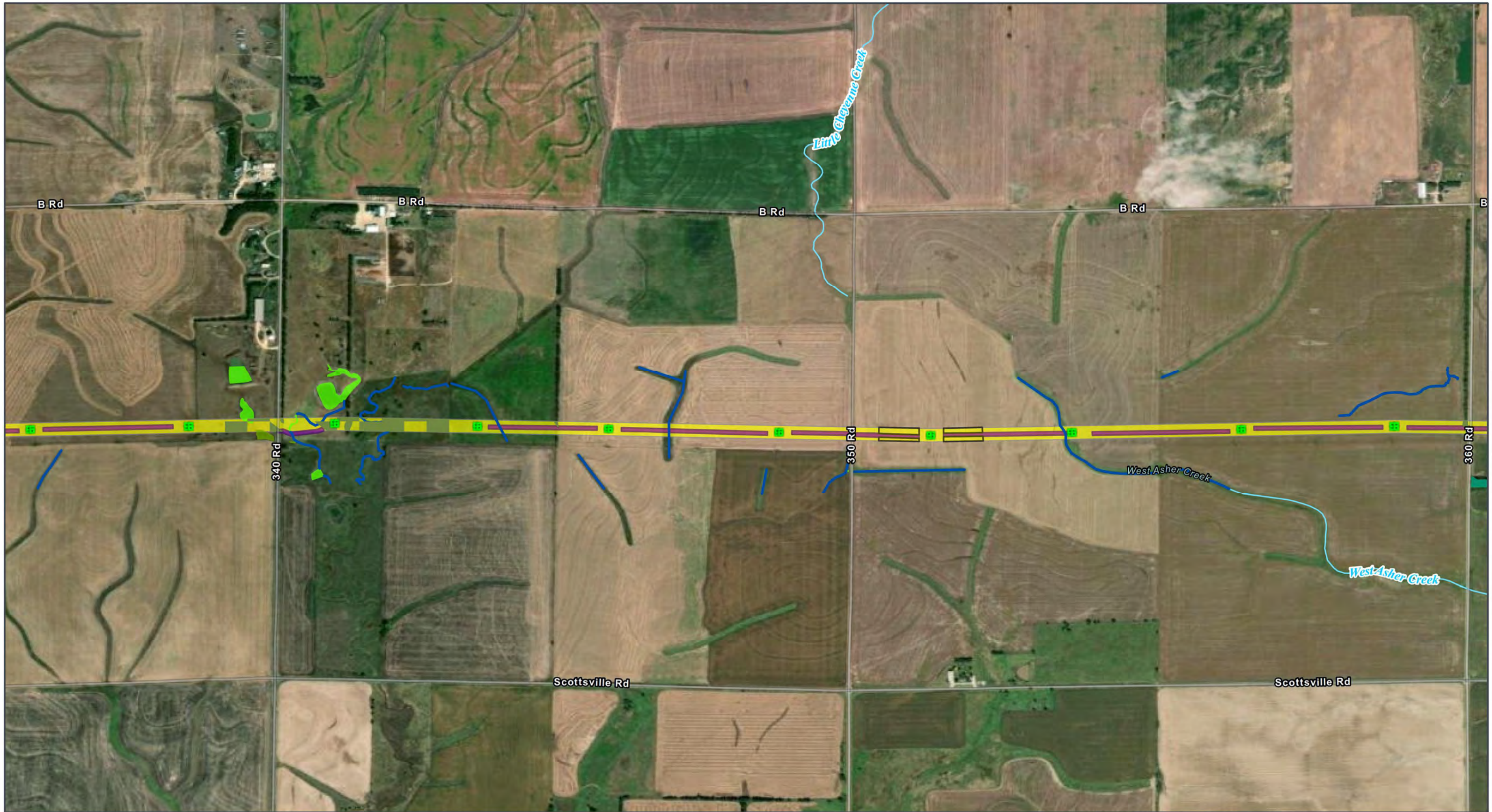
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online,
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TRANSMISSION LINE PROJECT
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ROW

Permanent Project Component

- Transmission Structure
- Habitat Conversion**
- Vegetation Clearing

Temporary Project Component

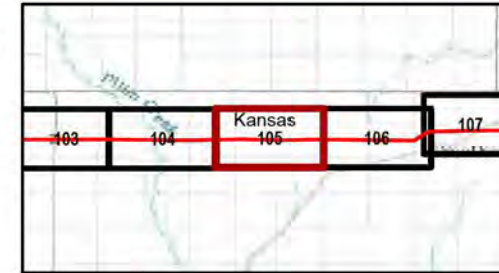
- Access Road
- Pull Site/Tension Site
- Hydrology**
- Delineated Stream

NHD Stream/River

Delineated Wetland

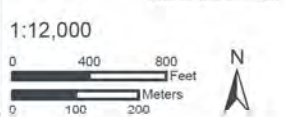
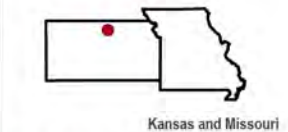
- Palustrine Emergent (PEM)
- Palustrine Forested (PFO)
- Palustrine Unconsolidated Bottom (PUB)

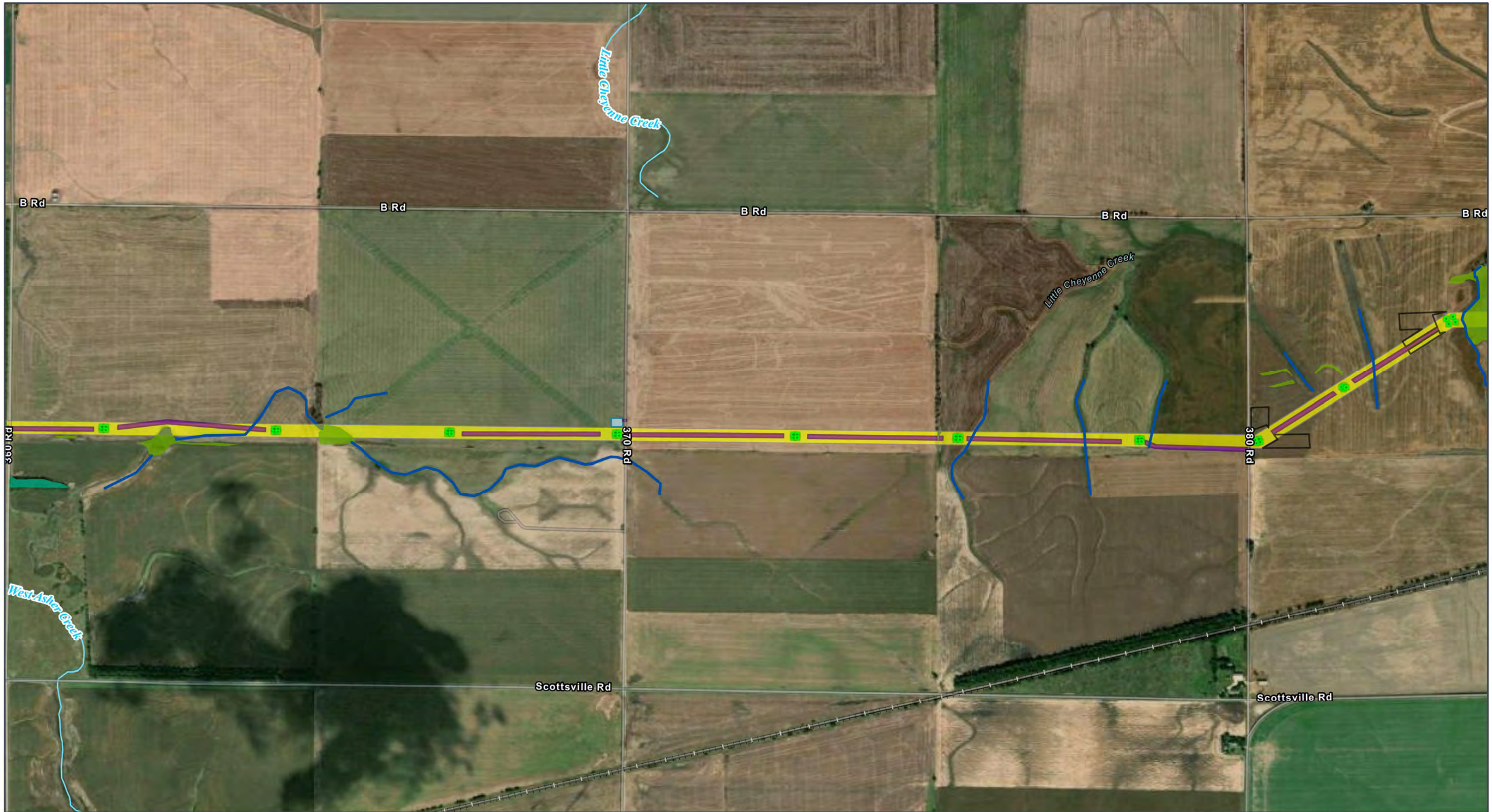
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online,
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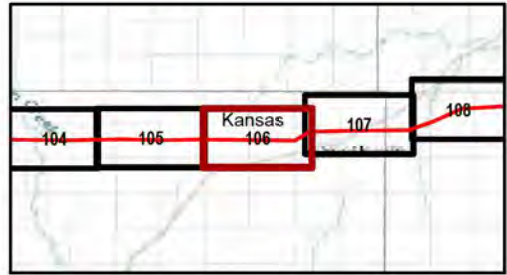


- ROW
- Permanent Project Component**
- Transmission Structure
- Optical Regeneration
- OPGW Access

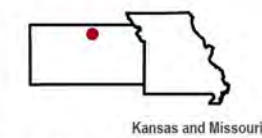
- Habitat Conversion**
- Vegetation Clearing
- Temporary Project Component**
- Access Road
- Pull Site/Tension Site
- Hydrology**
- Delineated Stream

- NHD Stream/River
- Delineated Wetland**
- Palustrine Emergent (PEM)
- Palustrine Forested (PFO)
- Transportation**
- Railroad

All disturbance areas are likely an over-estimation of direct impacts and based on assumptions presented in the Chapter 2 disturbance model (Table 2-1). These impact areas will be refined and finalized once field surveys are complete and avoidance and/or mitigation measures are implemented



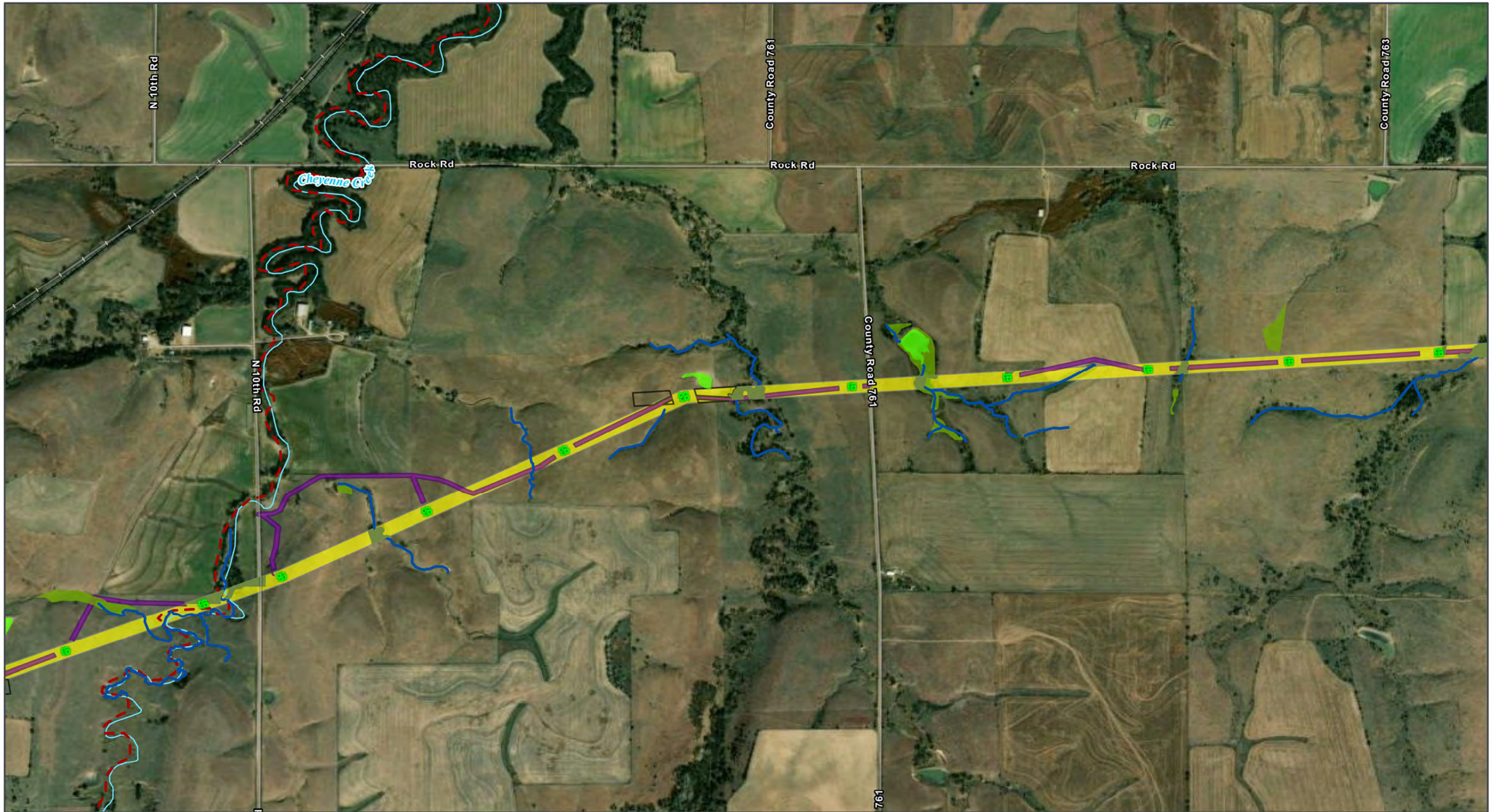
Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W



Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k

1:12,000

0 400 800 Feet
0 100 200 Meters



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TRANSMISSION LINE PROJECT

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ROW

Permanent Project Component

Transmission Structure

Habitat Conversion

Vegetation Clearing

Temporary Project Component

Access Road

Pull Site/Tension Site

Hydrology

Delineated Stream

NHD Stream/River

Impaired Waterway (303d)

Delineated Wetland

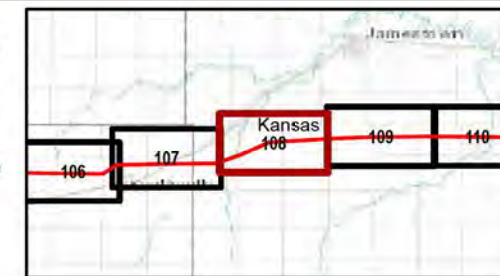
Palustrine Emergent (PEM)

Palustrine Unconsolidated Bottom (PUB)

Transportation

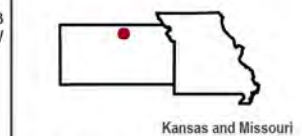
Railroad

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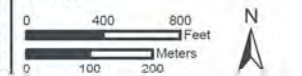


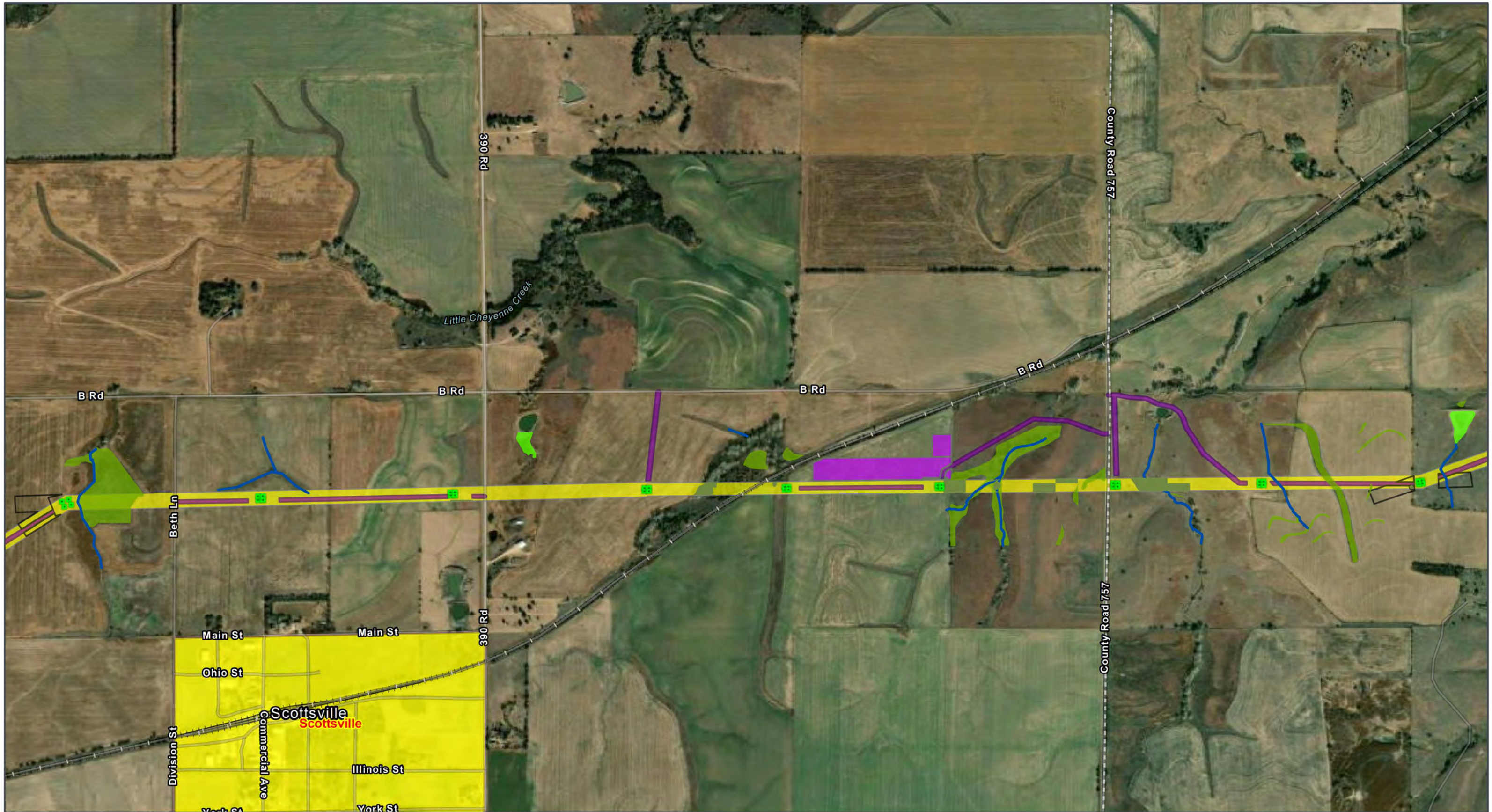
Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online,
accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
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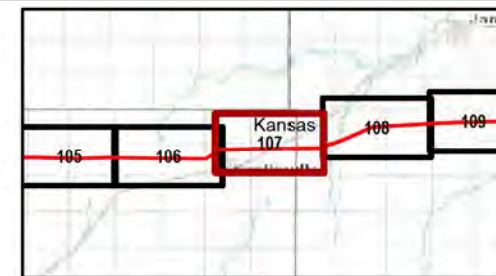


- Municipal Boundary Near the Project
- ROW
- Permanent Project Component**
- Transmission Structure
- Habitat Conversion**
- Vegetation Clearing

- Temporary Project Component**
- Access Road
- Helipad / Fly Yard
- Pull Site/Tension Site
- Hydrology**
- Delineated Stream

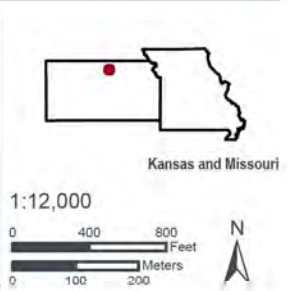
- Delineated Wetland**
- Palustrine Emergent (PEM)
- Palustrine Unconsolidated Bottom (PUB)
- Transportation**
- Railroad

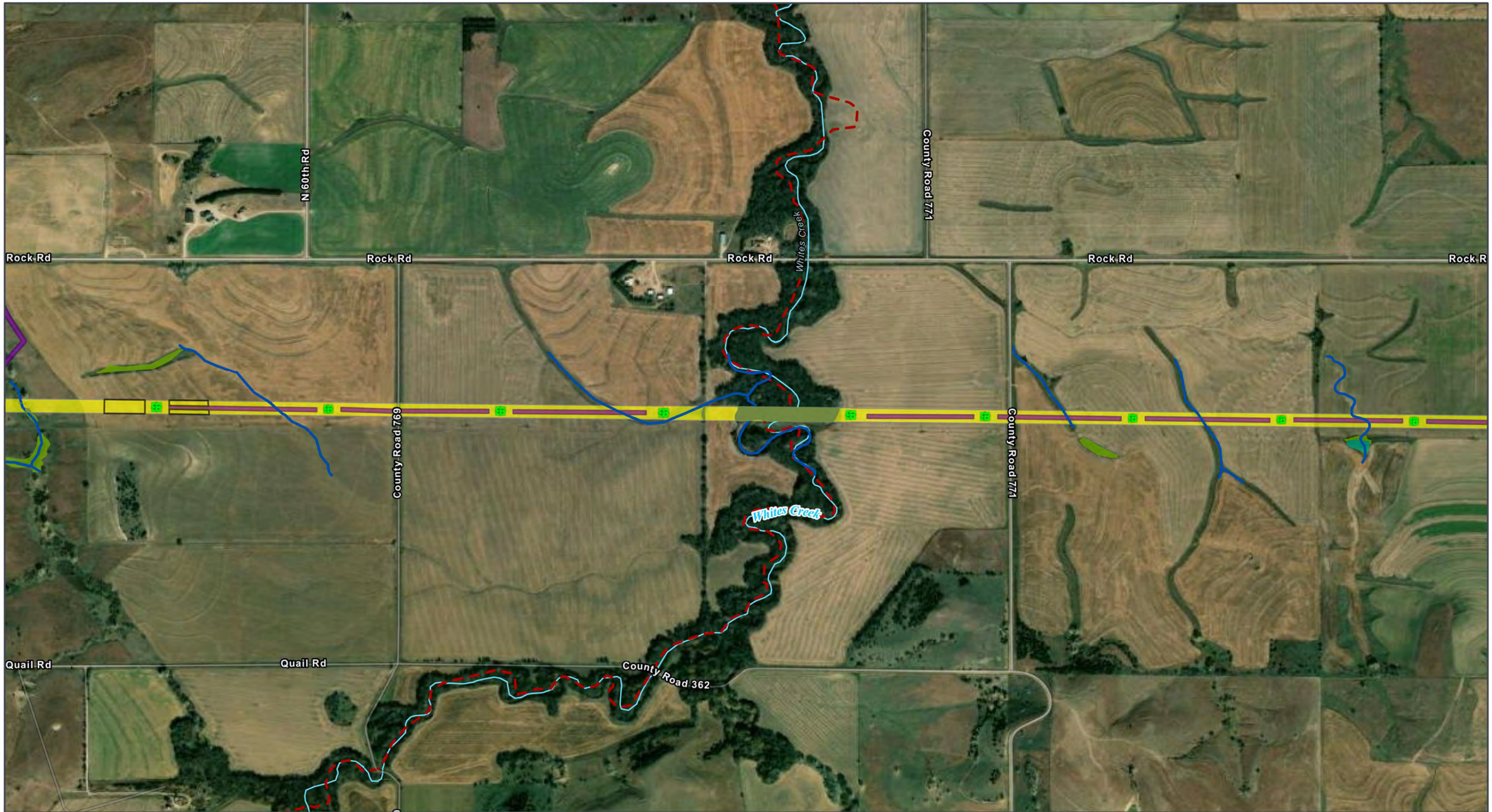
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

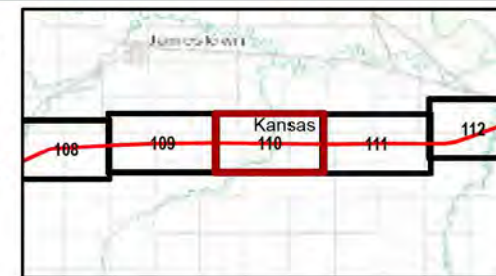
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accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
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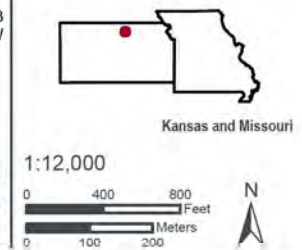
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|------------------------------------|------------------------------------|---------------------------|
| ROW | Temporary Project Component | NHD Stream/River |
| Permanent Project Component | Access Road | Impaired Waterway (303d) |
| Transmission Structure | Pull Site/Tension Site | Delineated Wetland |
| Habitat Conversion | Hydrology | Palustrine Emergent (PEM) |
| Vegetation Clearing | Delineated Stream | Palustrine Forested (PFO) |

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

Base Map: Esri ArcGIS Online,
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Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
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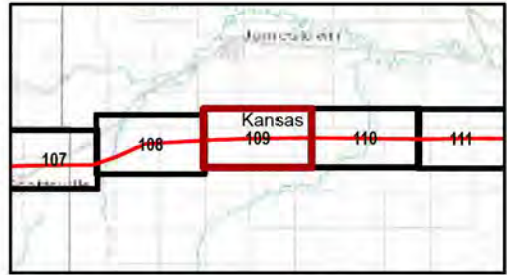
GRAIN BELT EXPRESS
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- ROW
- Permanent Project Component**
- Transmission Structure
- Habitat Conversion**
- Vegetation Clearing

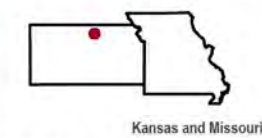
- Temporary Project Component**
- Access Road
- Hydrology**
- Delineated Stream

- Delineated Wetland**
- Palustrine Emergent (PEM)
- Palustrine Forested (PFO)
- Palustrine Unconsolidated Bottom (PUB)

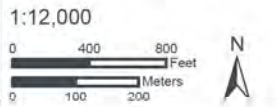
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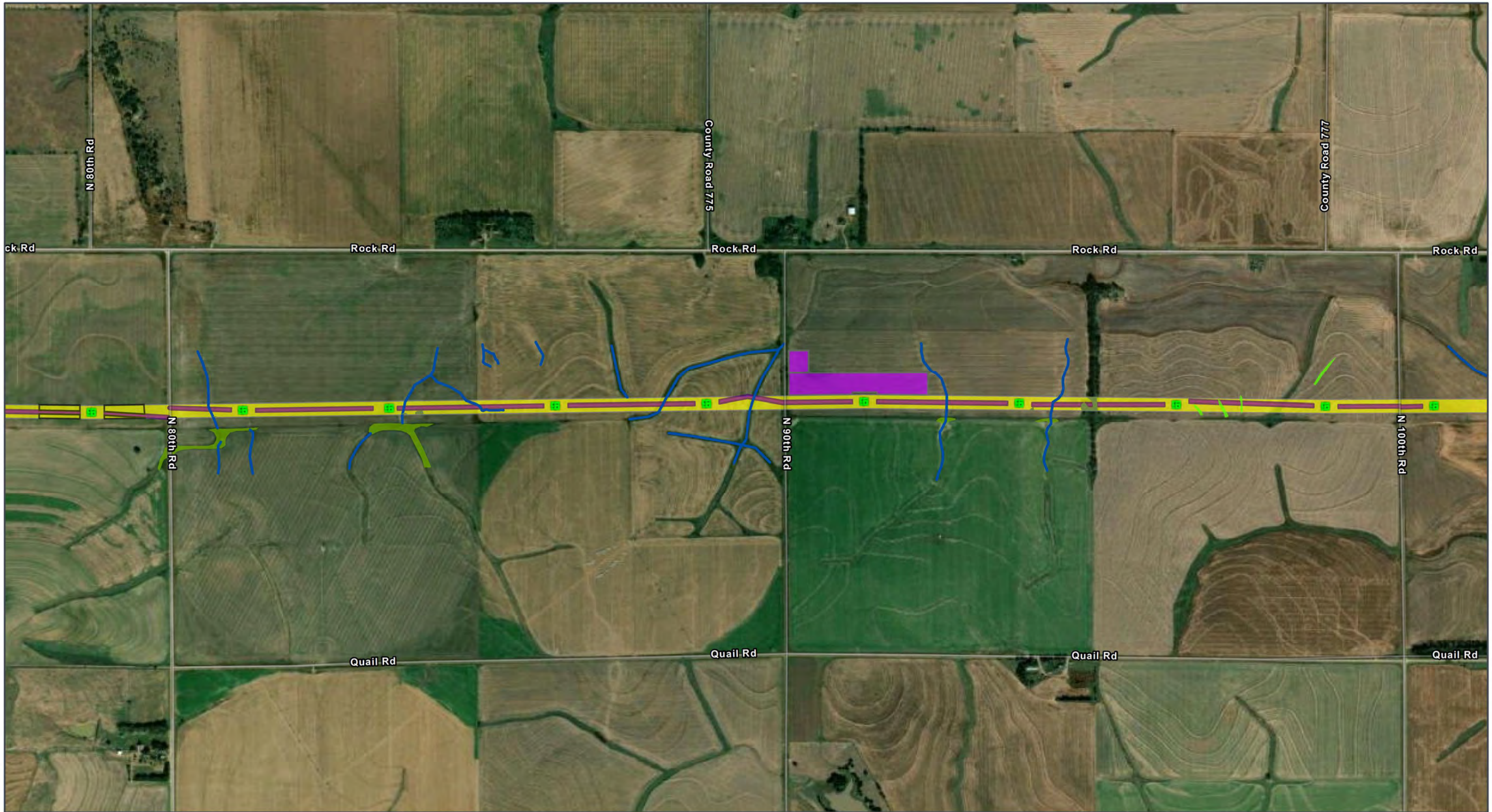


Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W



Base Map: Esri ArcGIS Online,
accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k



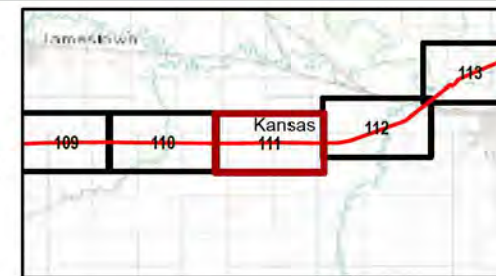


- ROW
- Permanent Project Component**
- Transmission Structure
- Habitat Conversion**
- Vegetation Clearing

- Temporary Project Component**
- Access Road
- Helipad / Fly Yard
- Pull Site/Tension Site

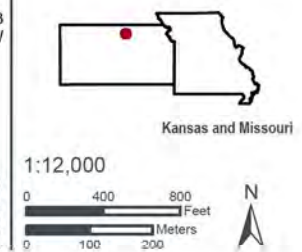
- Hydrology**
- Delineated Stream
- Delineated Wetland**
- Palustrine Emergent (PEM)
- Palustrine Unconsolidated Bottom (PUB)

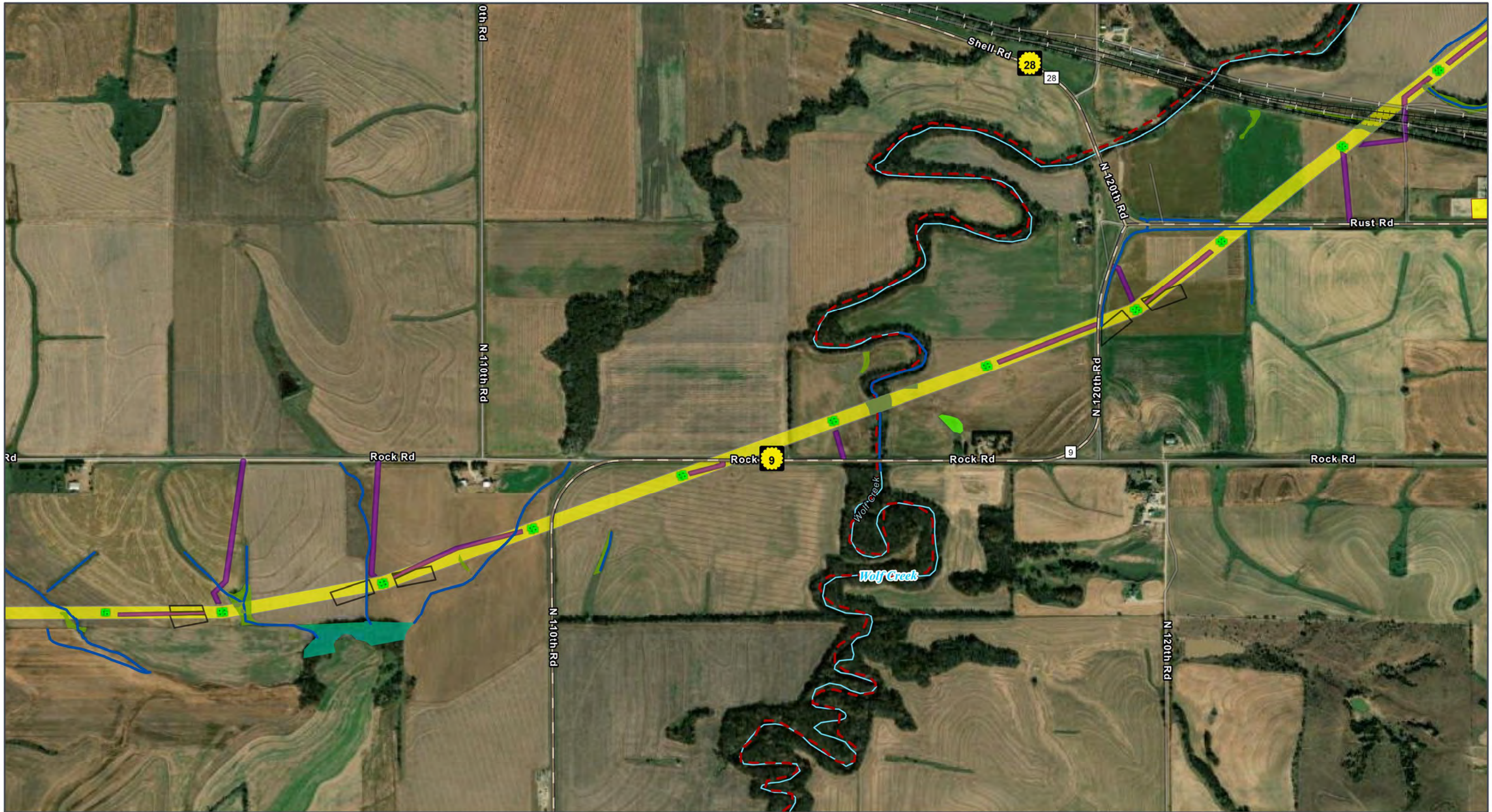
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online,
accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k



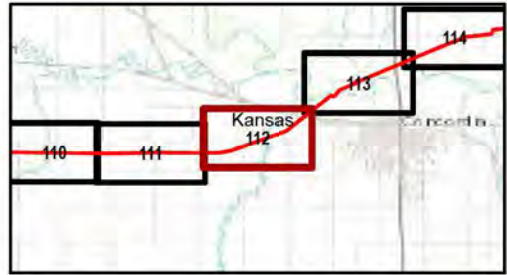


- Municipal Boundary Near the Project
- ROW
- Permanent Project Component**
- Transmission Structure
- Habitat Conversion**
- Vegetation Clearing

- Temporary Project Component**
- Access Road
- Pull Site/Tension Site
- Hydrology**
- Delineated Stream
- NHD Stream/River
- Impaired Waterway (303d)

- Delineated Wetland**
- Palustrine Emergent (PEM)
- Palustrine Forested (PFO)
- Palustrine Unconsolidated Bottom (PUB)
- Transportation**
- State Highway
- Railroad

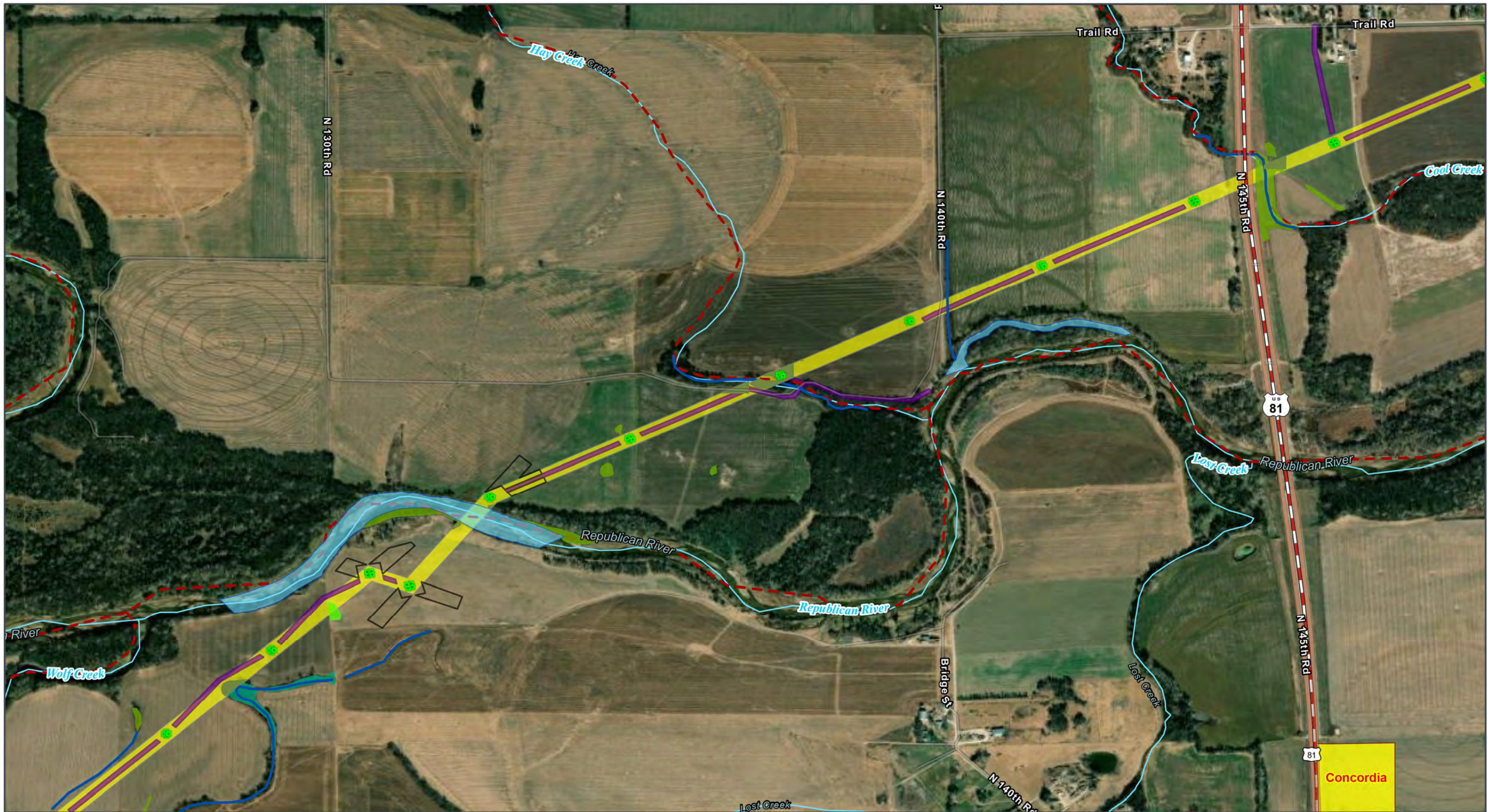
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

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Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
ArcPy: WetlandMapBook_12k



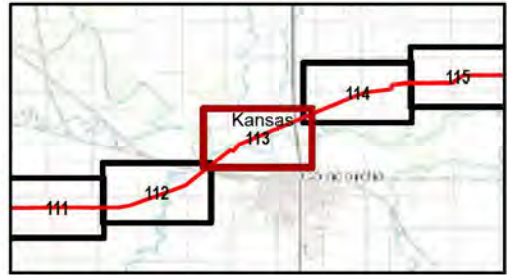
GRAIN BELT EXPRESS
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- Municipal Boundary Near the Project
- ROW
- Permanent Project Component**
- Transmission Structure
- Habitat Conversion**
- Vegetation Clearing

- Temporary Project Component**
- Access Road
- Pull Site/Tension Site
- Hydrology**
- Delineated Stream
- NHD Stream/River
- Impaired Waterway (303d)

- Delineated Wetland**
- Palustrine Emergent (PEM)
- Palustrine Forested (PFO)
- Palustrine Unconsolidated Bottom (PUB)
- Delineated Waterbody
- Transportation**
- U.S. Highway

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

1:12,000

Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k



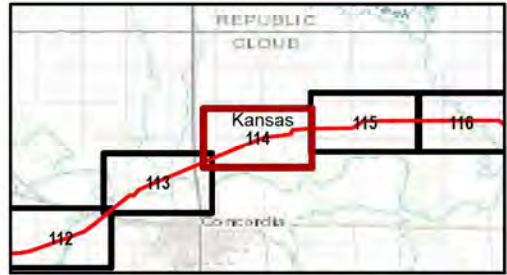
GRAIN BELT EXPRESS
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- Municipal Boundary Near the Project
- ROW
- Permanent Project Component**
- Transmission Structure
- Habitat Conversion**
- Vegetation Clearing

- Temporary Project Component**
- Access Road
- Pull Site/Tension Site
- Hydrology**
- Delineated Stream
- NHD Stream/River

- Impaired Waterway (303d)
- Delineated Wetland**
- Palustrine Emergent (PEM)
- Palustrine Forested (PFO)
- Palustrine Unconsolidated Bottom (PUB)

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

Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
ArcDoc: WetlandMapBook_12k

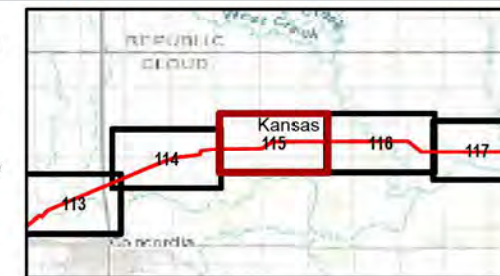
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0 400 800 Feet
0 100 200 Meters



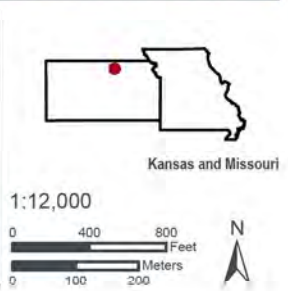
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|------------------------------------|------------------------------------|--|
| ROW | Temporary Project Component | NHD Stream/River |
| Permanent Project Component | Access Road | Impaired Waterway (303d) |
| Transmission Structure | Pull Site/Tension Site | Delineated Wetland |
| Habitat Conversion | Hydrology | Palustrine Emergent (PEM) |
| Vegetation Clearing | Delineated Stream | Palustrine Unconsolidated Bottom (PUB) |

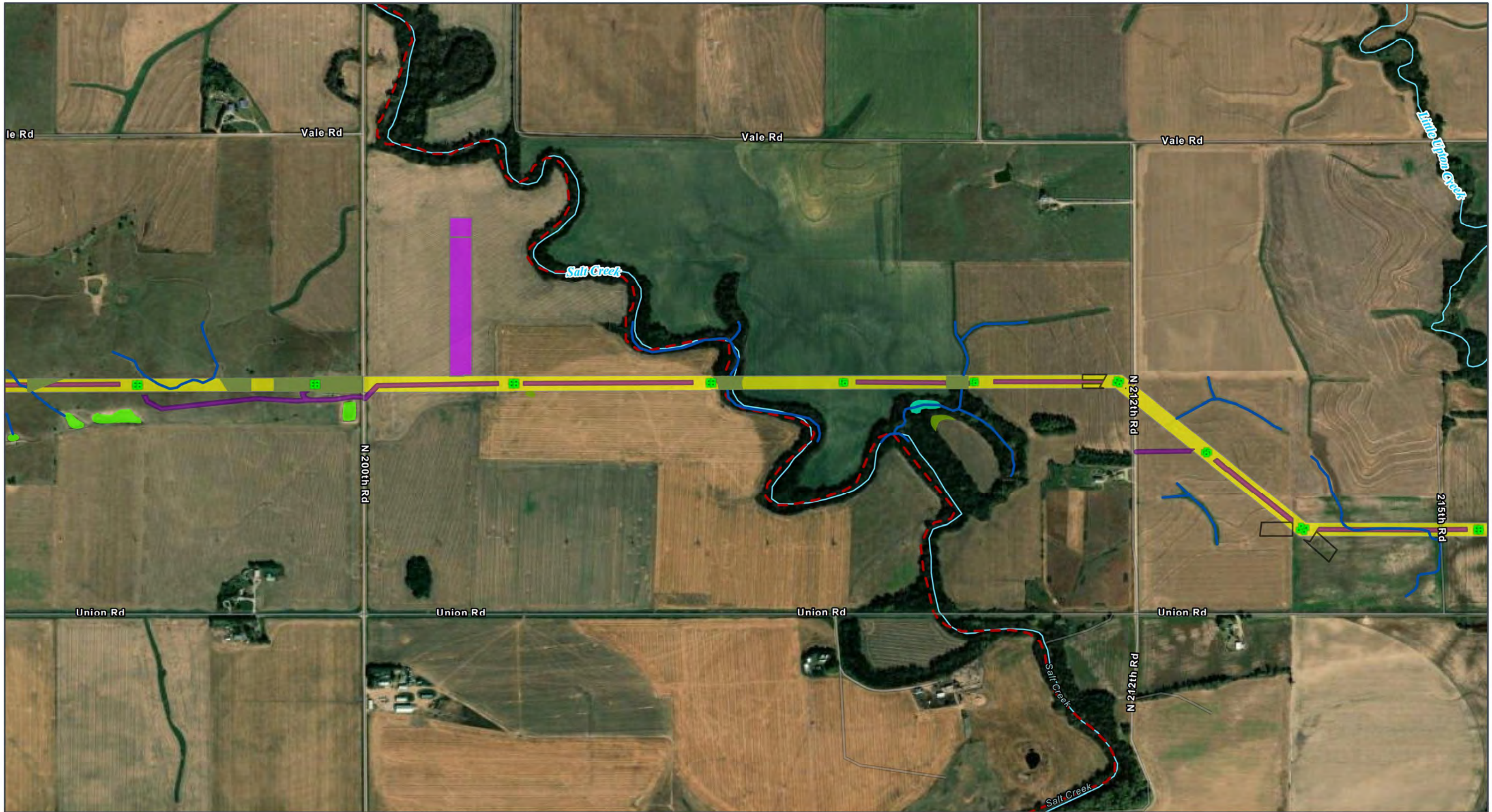
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online,
accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k





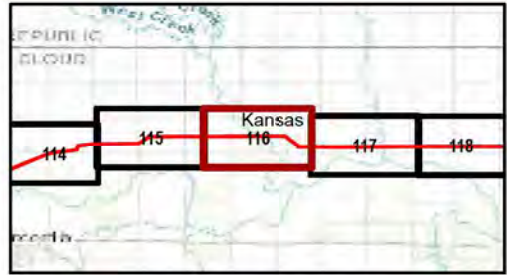
GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
Wetlands Map Book
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- ROW
- Permanent Project Component**
- Transmission Structure
- Habitat Conversion**
- Vegetation Clearing

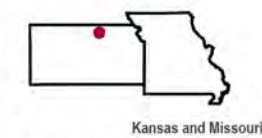
- Temporary Project Component**
- Access Road
- Helipad / Fly Yard
- Pull Site/Tension Site
- Hydrology**
- Delineated Stream

- NHD Stream/River
- Impaired Waterway (303d)
- Delineated Wetland**
- Palustrine Aquatic Bed (PAB)
- Palustrine Emergent (PEM)
- Palustrine Unconsolidated Bottom (PUB)

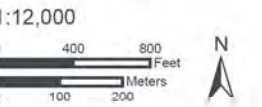
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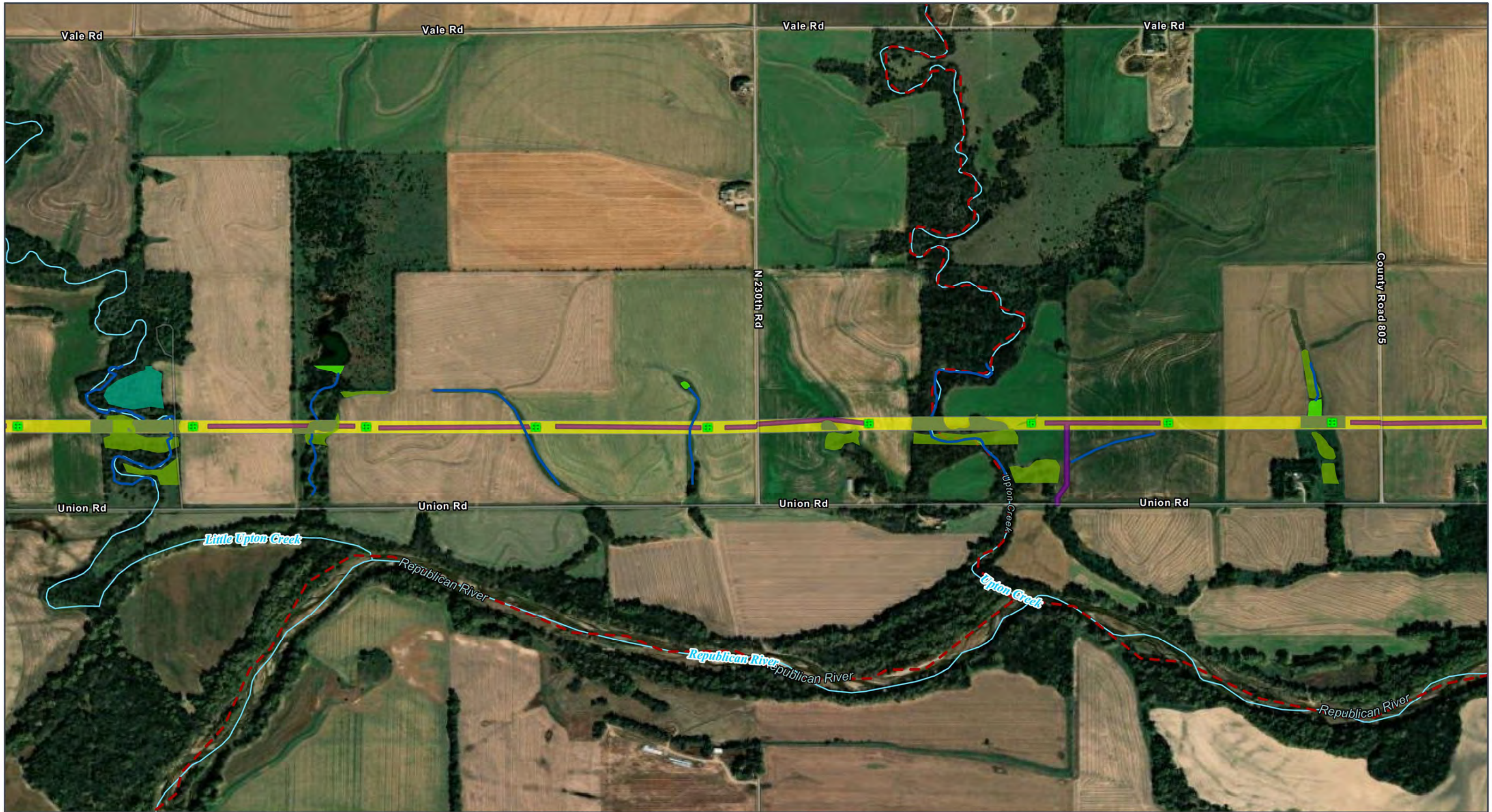


Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W



Base Map: Esri ArcGIS Online,
accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k



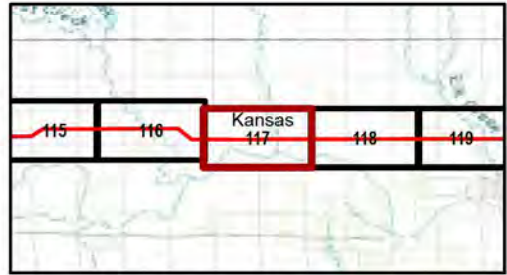


GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
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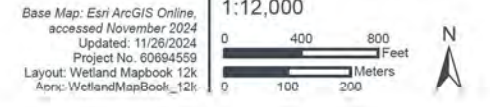
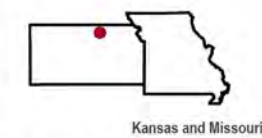
- ROW
 - Permanent Project Component**
 - Transmission Structure
 - Habitat Conversion**
 - Vegetation Clearing
- Temporary Project Component**
 - Access Road
 - Hydrology**
 - Delineated Stream
 - NHD Stream/River
 - Impaired Waterway (303d)

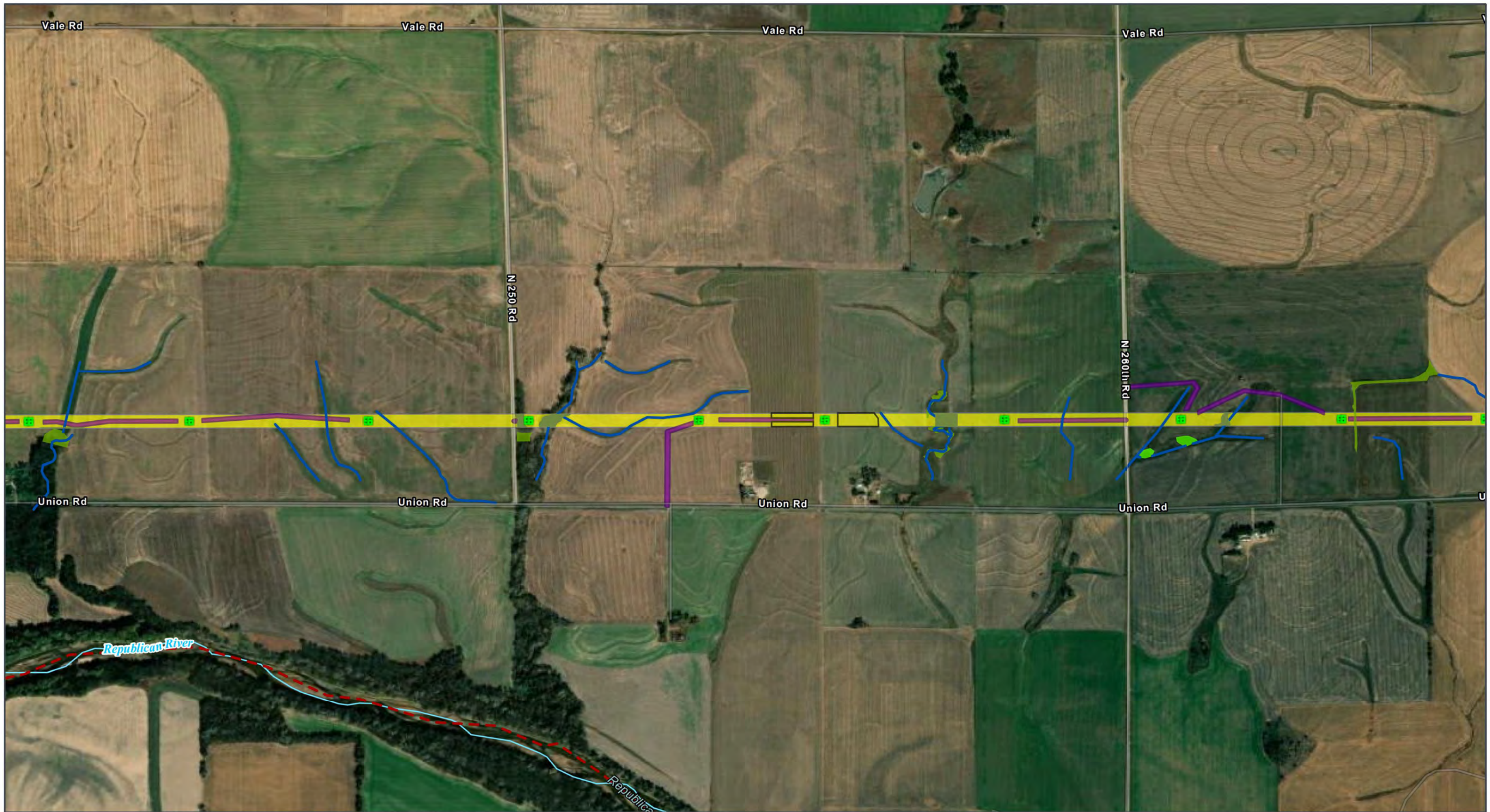
- Delineated Wetland**
- Palustrine Emergent (PEM)
- Palustrine Forested (PFO)
- Palustrine Unconsolidated Bottom (PUB)

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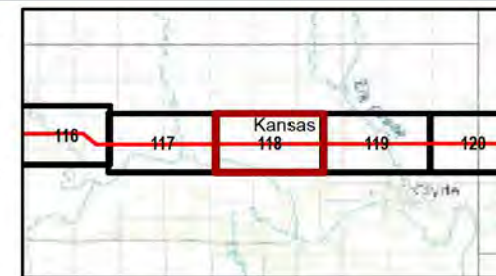
Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W





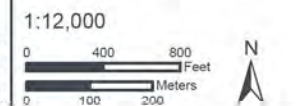
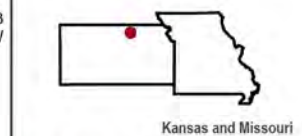
- | | | |
|------------------------------------|------------------------------------|--|
| ROW | Temporary Project Component | NHD Stream/River |
| Permanent Project Component | Access Road | Impaired Waterway (303d) |
| Transmission Structure | Pull Site/Tension Site | Delineated Wetland |
| Habitat Conversion | Hydrology | Palustrine Emergent (PEM) |
| Vegetation Clearing | Delineated Stream | Palustrine Unconsolidated Bottom (PUB) |

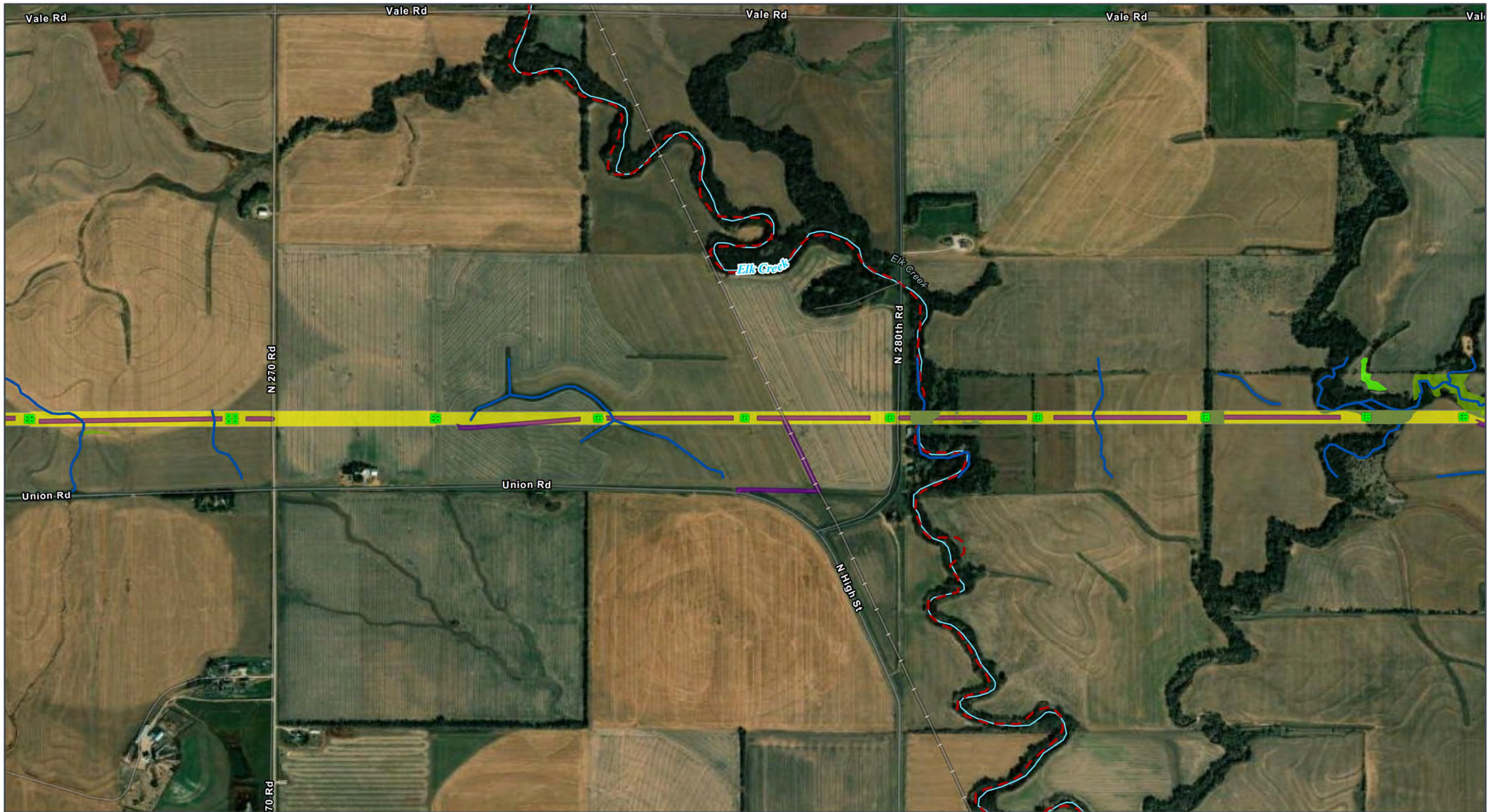
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

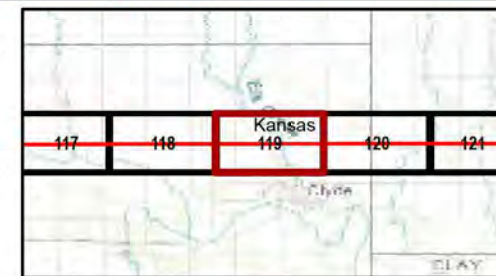
Base Map: Esri ArcGIS Online,
accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k





- | | | |
|------------------------------------|------------------------------------|--|
| ROW | Temporary Project Component | Impaired Waterway (303d) |
| Permanent Project Component | Access Road | Delineated Wetland |
| Transmission Structure | Hydrology | Palustrine Emergent (PEM) |
| Habitat Conversion | Delineated Stream | Palustrine Unconsolidated Bottom (PUB) |
| Vegetation Clearing | NHD Stream/River | |

All disturbance areas are likely an over-estimation of direct impacts and based on assumptions presented in the Chapter 2 disturbance model (Table 2-1). These impact areas will be refined and finalized once field surveys are complete and avoidance and/or mitigation measures are implemented

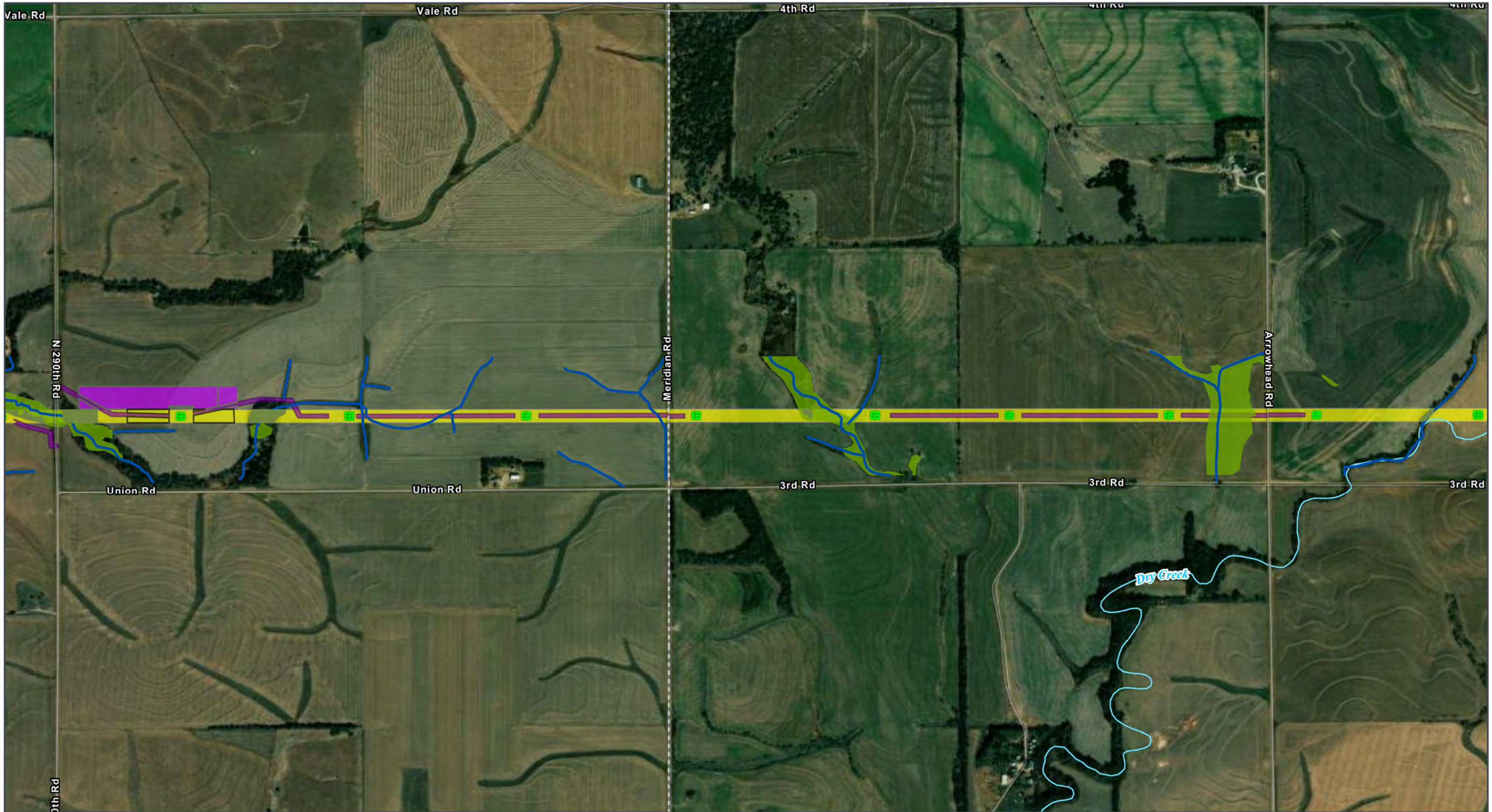


Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online,
accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k

1:12,000

0 400 800 Feet
0 100 200 Meters

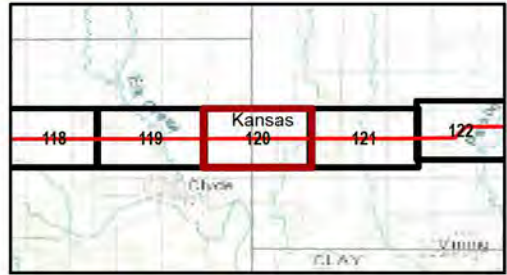


GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
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- | | | |
|--|---|---|
| <ul style="list-style-type: none"> ROW Permanent Project Component Transmission Structure Habitat Conversion Vegetation Clearing | <ul style="list-style-type: none"> Temporary Project Component Access Road Helipad / Fly Yard Pull Site/Tension Site | <ul style="list-style-type: none"> Hydrology Delineated Stream NHD Stream/River Delineated Wetland Palustrine Emergent (PEM) |
|--|---|---|

All disturbance areas are likely an over-estimation of direct impacts and based on assumptions presented in the Chapter 2 disturbance model (Table 2-1). These impact areas will be refined and finalized once field surveys are complete and avoidance and/or mitigation measures are implemented



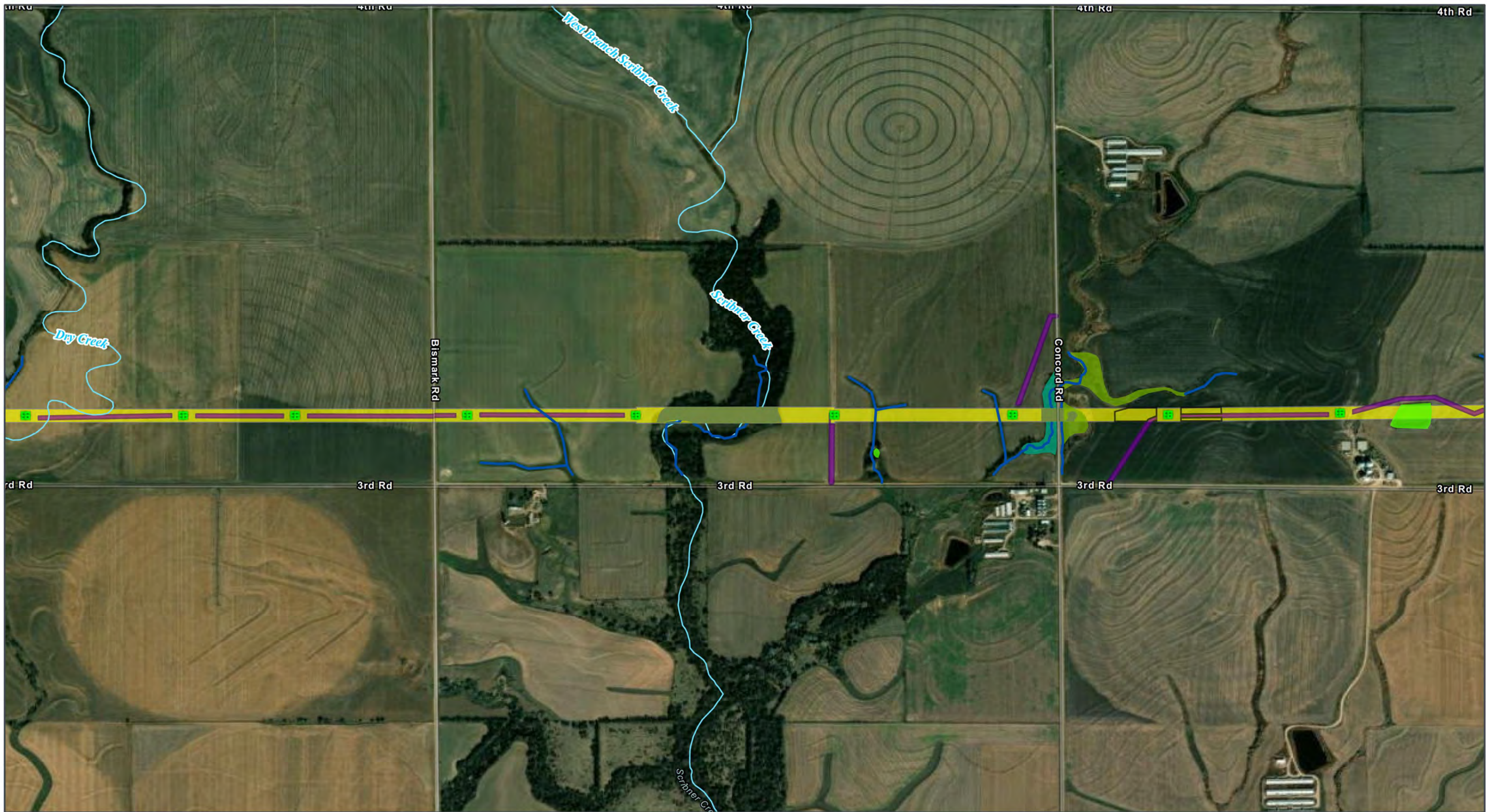
Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k

1:12,000

0 400 800 Feet
0 100 200 Meters

Kansas and Missouri

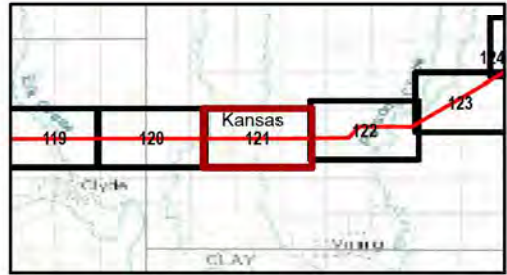


GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
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- | | | |
|---|--|---|
| <ul style="list-style-type: none"> ROW Permanent Project Component Transmission Structure Habitat Conversion Vegetation Clearing | <p>Temporary Project Component</p> <ul style="list-style-type: none"> Access Road Pull Site/Tension Site Hydrology Delineated Stream | <ul style="list-style-type: none"> NHD Stream/River Delineated Wetland Palustrine Emergent (PEM) Palustrine Forested (PFO) Palustrine Unconsolidated Bottom (PUB) |
|---|--|---|

All disturbance areas are likely an over-estimation of direct impacts and based on assumptions presented in the Chapter 2 disturbance model (Table 2-1). These impact areas will be refined and finalized once field surveys are complete and avoidance and/or mitigation measures are implemented

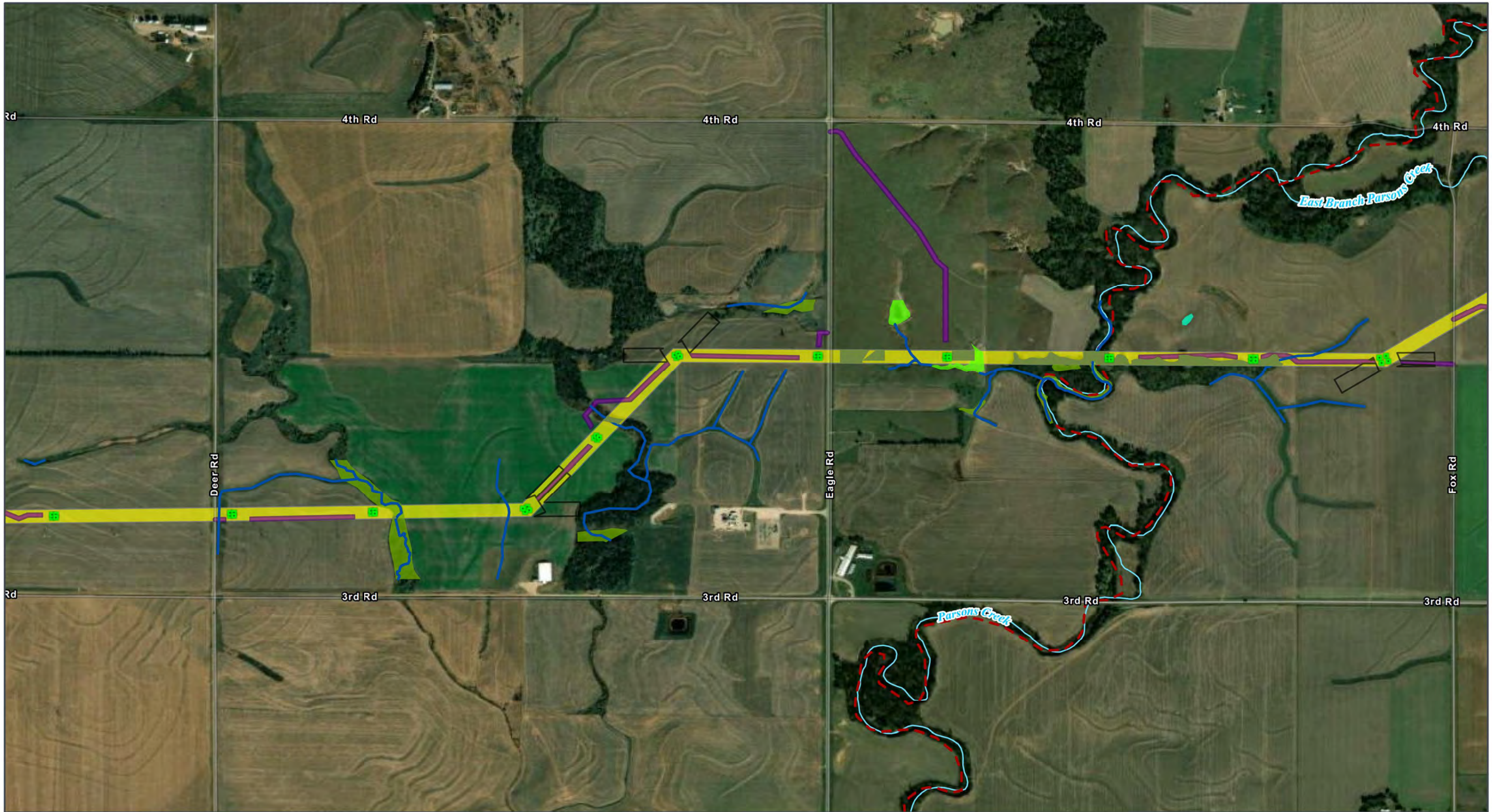


Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

1:12,000

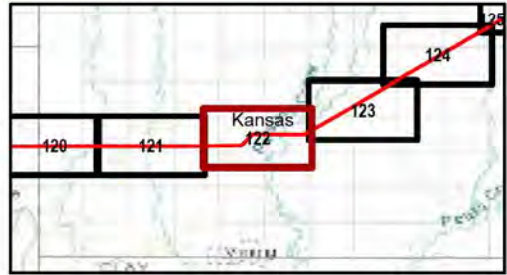
Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k

Kansas and Missouri



- | | | |
|---|--|--|
| <p>ROW</p> <p>Permanent Project Component</p> <ul style="list-style-type: none"> ■ Transmission Structure <p>Habitat Conversion</p> <ul style="list-style-type: none"> ■ Vegetation Clearing | <p>Temporary Project Component</p> <ul style="list-style-type: none"> ■ Access Road Pull Site/Tension Site <p>Hydrology</p> <ul style="list-style-type: none"> — Delineated Stream — NHD Stream/River | <ul style="list-style-type: none"> - - - Impaired Waterway (303d) <p>Delineated Wetland</p> <ul style="list-style-type: none"> ■ Palustrine Aquatic Bed (PAB) ■ Palustrine Emergent (PEM) ■ Palustrine Unconsolidated Bottom (PUB) |
|---|--|--|

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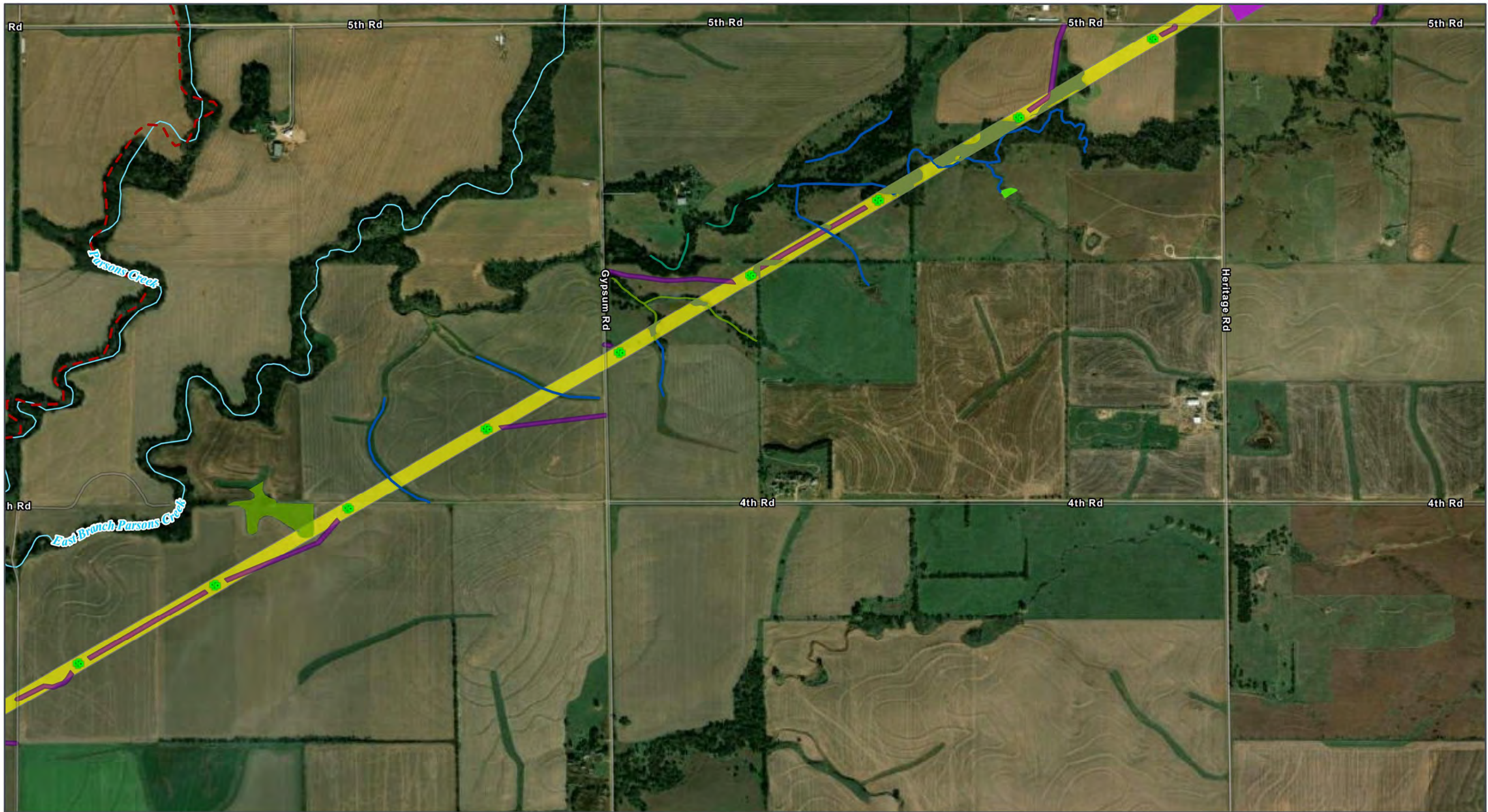


Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k

1:12,000

0 400 800 Feet
0 100 200 Meters



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TRANSMISSION LINE PROJECT
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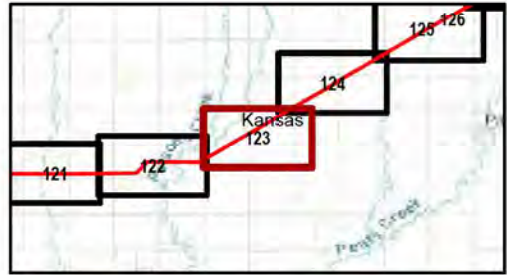


- ROW
- Permanent Project Component**
- Transmission Structure
- Habitat Conversion**
- Vegetation Clearing

- Temporary Project Component**
- Access Road
- Helipad / Fly Yard
- Hydrology**
- Delineated Stream
- NHD Stream/River

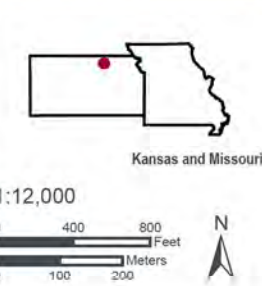
- Impaired Waterway (303d)
- Delineated Wetland**
- Palustrine Emergent (PEM)
- Palustrine Forested (PFO)
- Palustrine Unconsolidated Bottom (PUB)

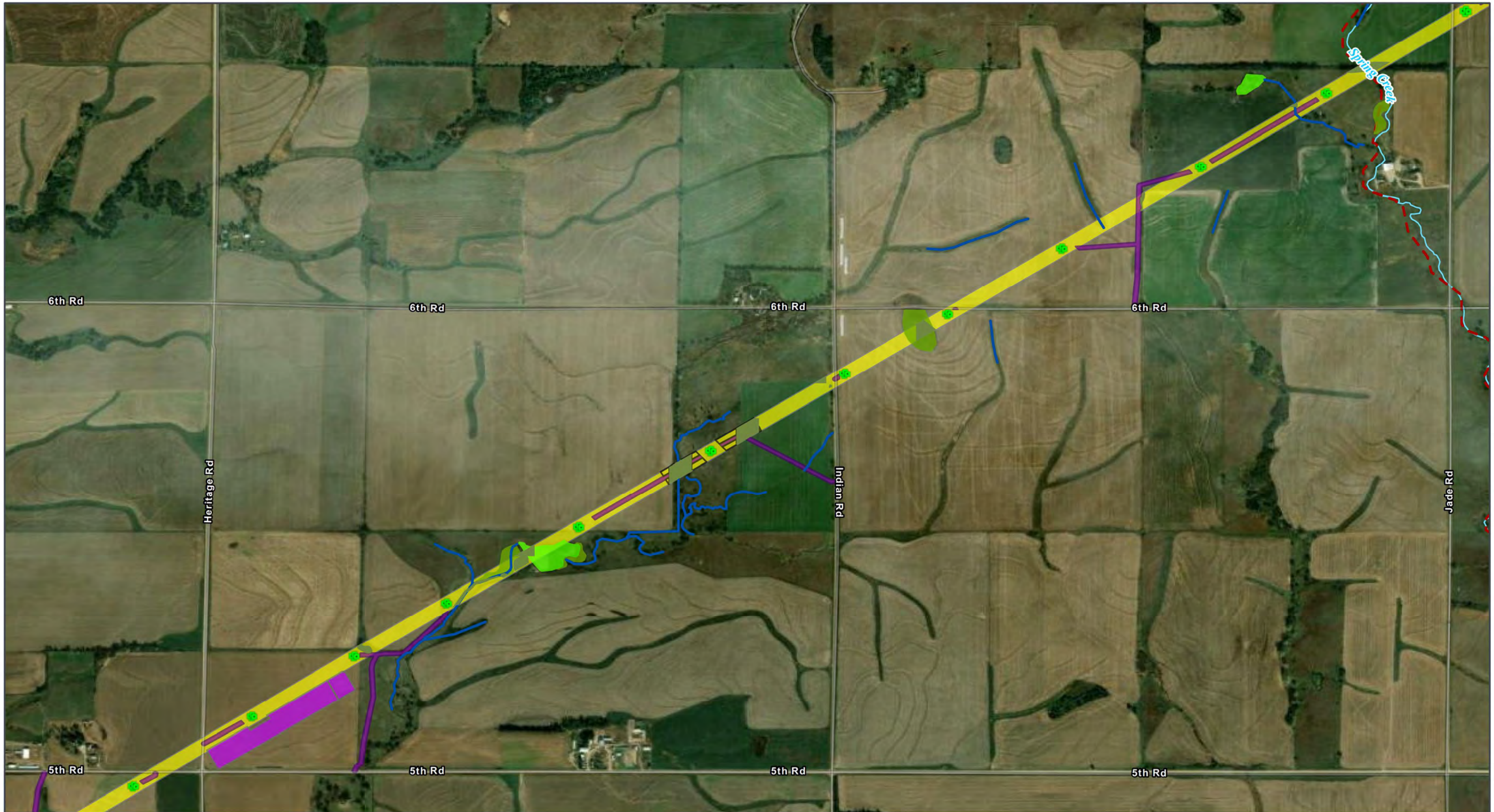
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k





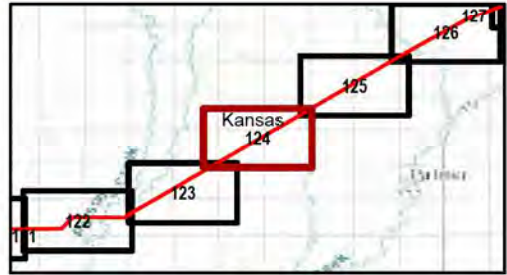
GRAIN BELT EXPRESS
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- ROW
- Permanent Project Component**
- Transmission Structure
- Habitat Conversion**
- Vegetation Clearing

- Temporary Project Component**
- Access Road
- Helipad / Fly Yard
- Pull Site/Tension Site
- Hydrology**
- Delineated Stream

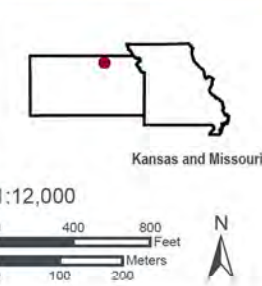
- NHD Stream/River
- Impaired Waterway (303d)
- Delineated Wetland**
- Palustrine Emergent (PEM)
- Palustrine Unconsolidated Bottom (PUB)

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

Base Map: Esri ArcGIS Online,
accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k

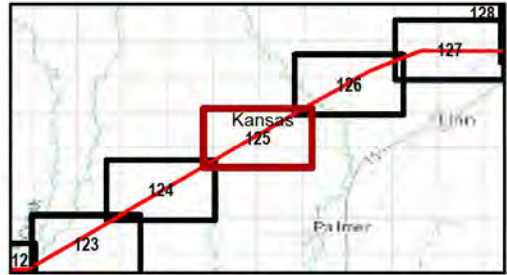




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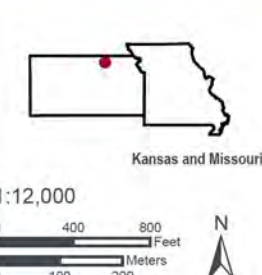
- | | | |
|------------------------------------|------------------------------------|---------------------------|
| ROW | Temporary Project Component | NHD Stream/River |
| Permanent Project Component | Access Road | Impaired Waterway (303d) |
| Transmission Structure | Pull Site/Tension Site | Delineated Wetland |
| Habitat Conversion | Hydrology | Palustrine Emergent (PEM) |
| Vegetation Clearing | Delineated Stream | |

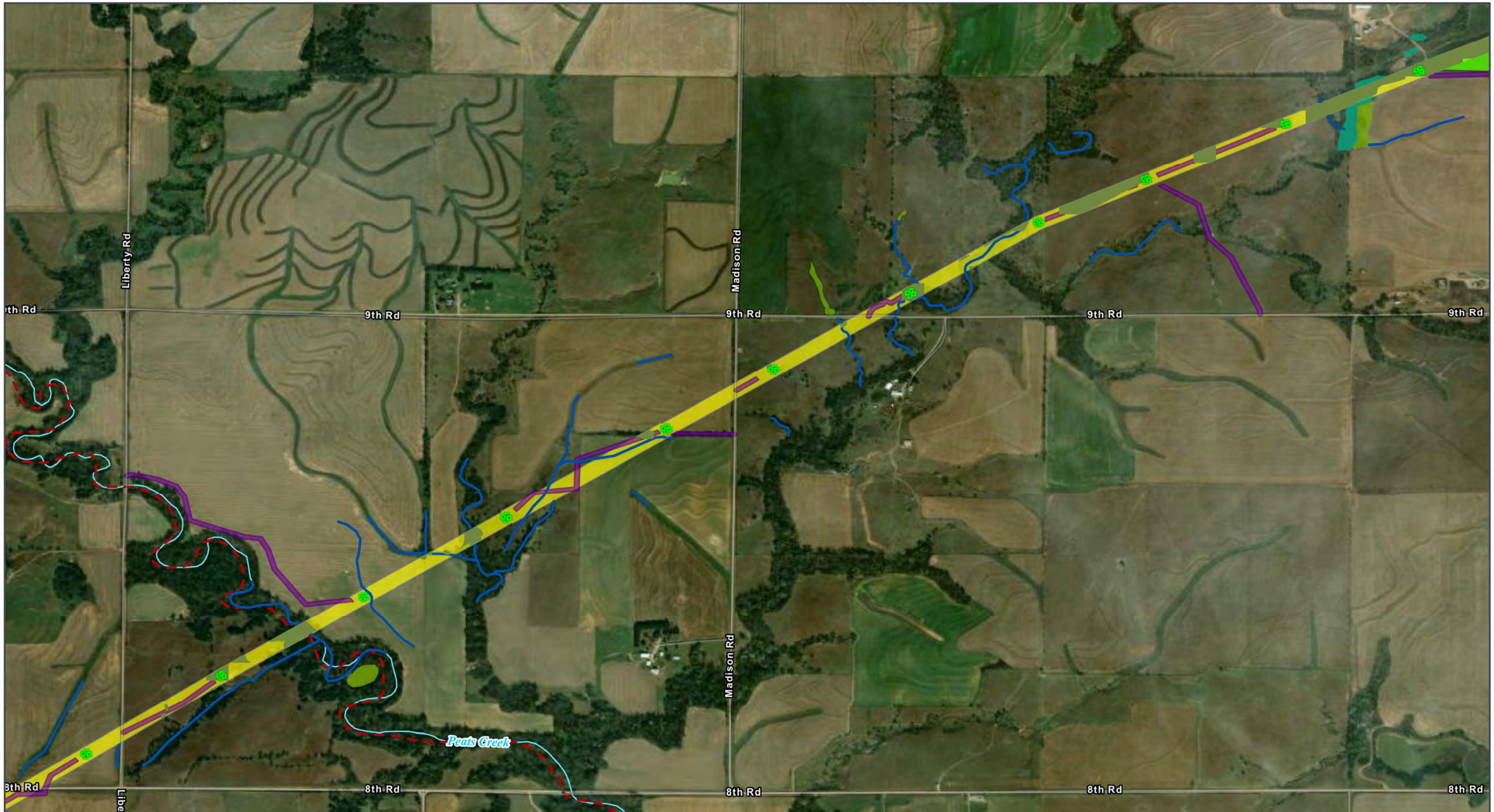
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online,
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Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k



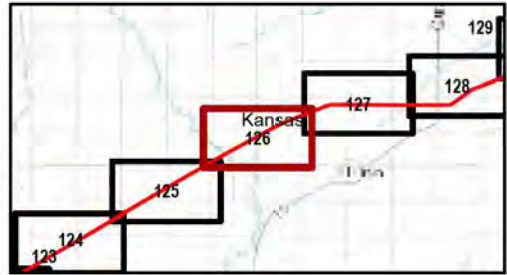


GRAIN BELT EXPRESS
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- | | |
|------------------------------------|------------------------------------|
| ROW | Temporary Project Component |
| Permanent Project Component | Access Road |
| Transmission Structure | Hydrology |
| Habitat Conversion | Delineated Stream |
| Vegetation Clearing | NHD Stream/River |
| | Impaired Waterway (303d) |

- Delineated Wetland**
- Palustrine Emergent (PEM)
 - Palustrine Forested (PFO)
 - Palustrine Unconsolidated Bottom (PUB)

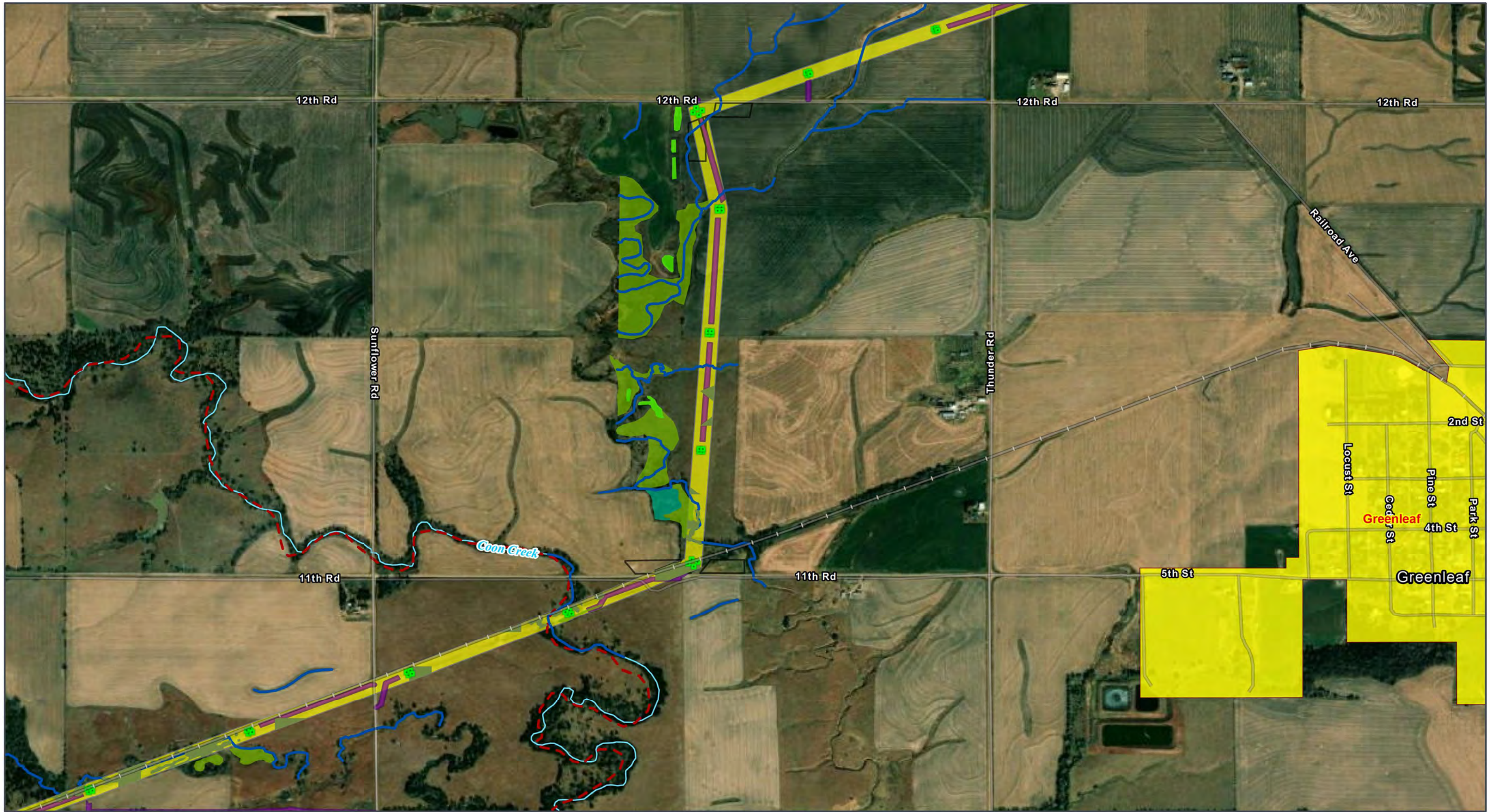
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

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Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k



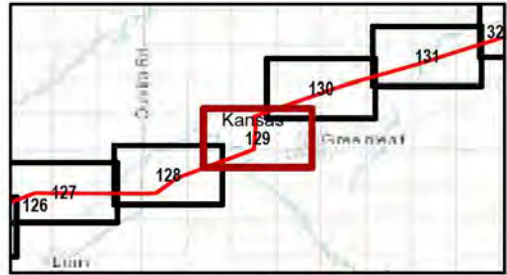
GRAIN BELT EXPRESS
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- Municipal Boundary Near the Project
- ROW
- Permanent Project Component**
- Transmission Structure
- Habitat Conversion**
- Vegetation Clearing

- Temporary Project Component**
- Access Road
- Pull Site/Tension Site
- Hydrology**
- Delineated Stream
- NHD Stream/River

- Impaired Waterway (303d)
- Delineated Wetland**
- Palustrine Emergent (PEM)
- Palustrine Forested (PFO)
- Palustrine Unconsolidated Bottom (PUB)

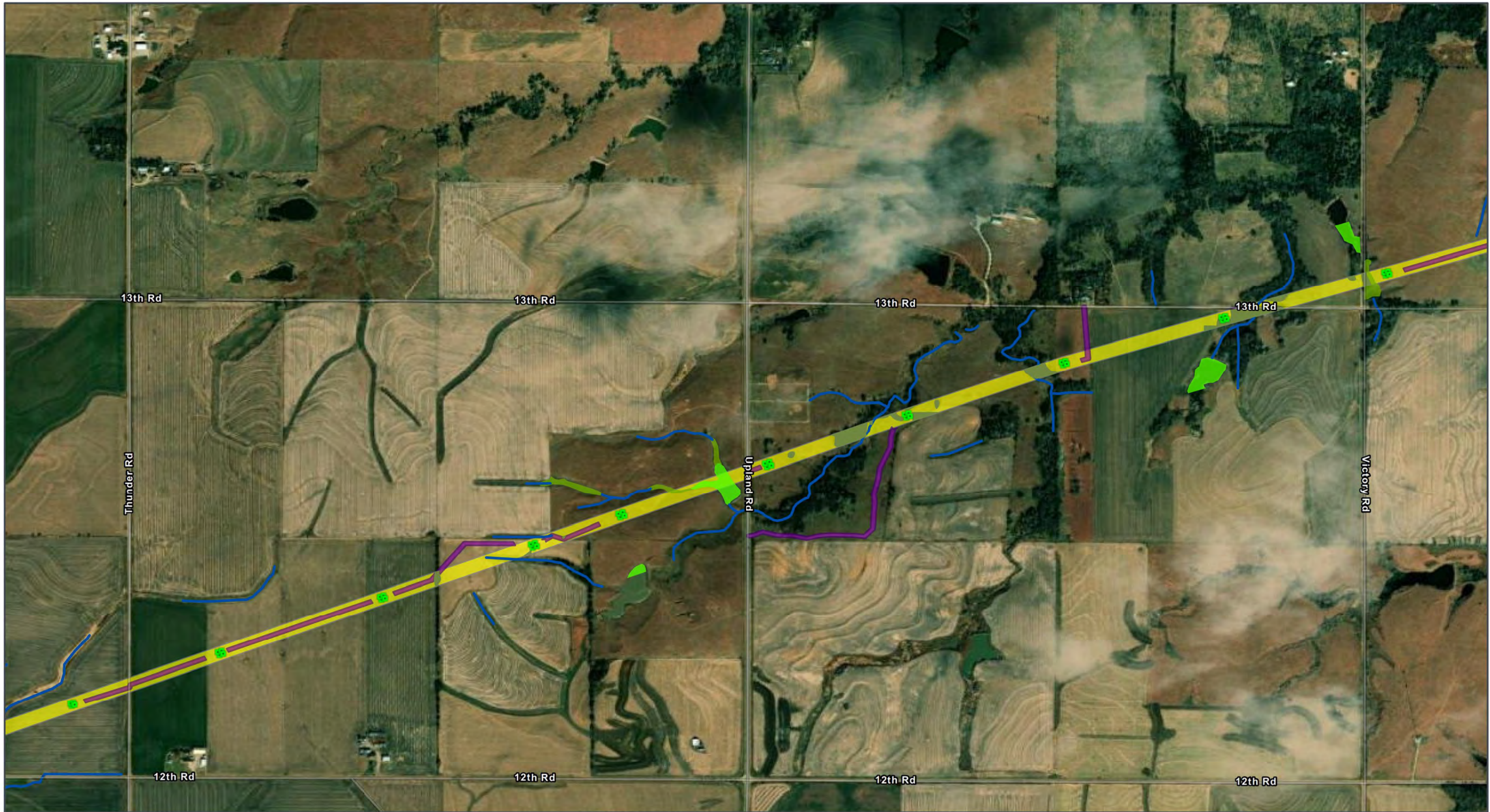
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

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Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k



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ROW

Permanent Project Component

Transmission Structure

Habitat Conversion

Vegetation Clearing

Temporary Project Component

Access Road

Hydrology

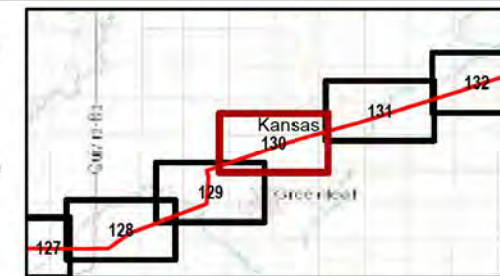
Delineated Stream

Delineated Wetland

Palustrine Emergent (PEM)

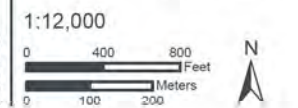
Palustrine Unconsolidated Bottom (PUB)

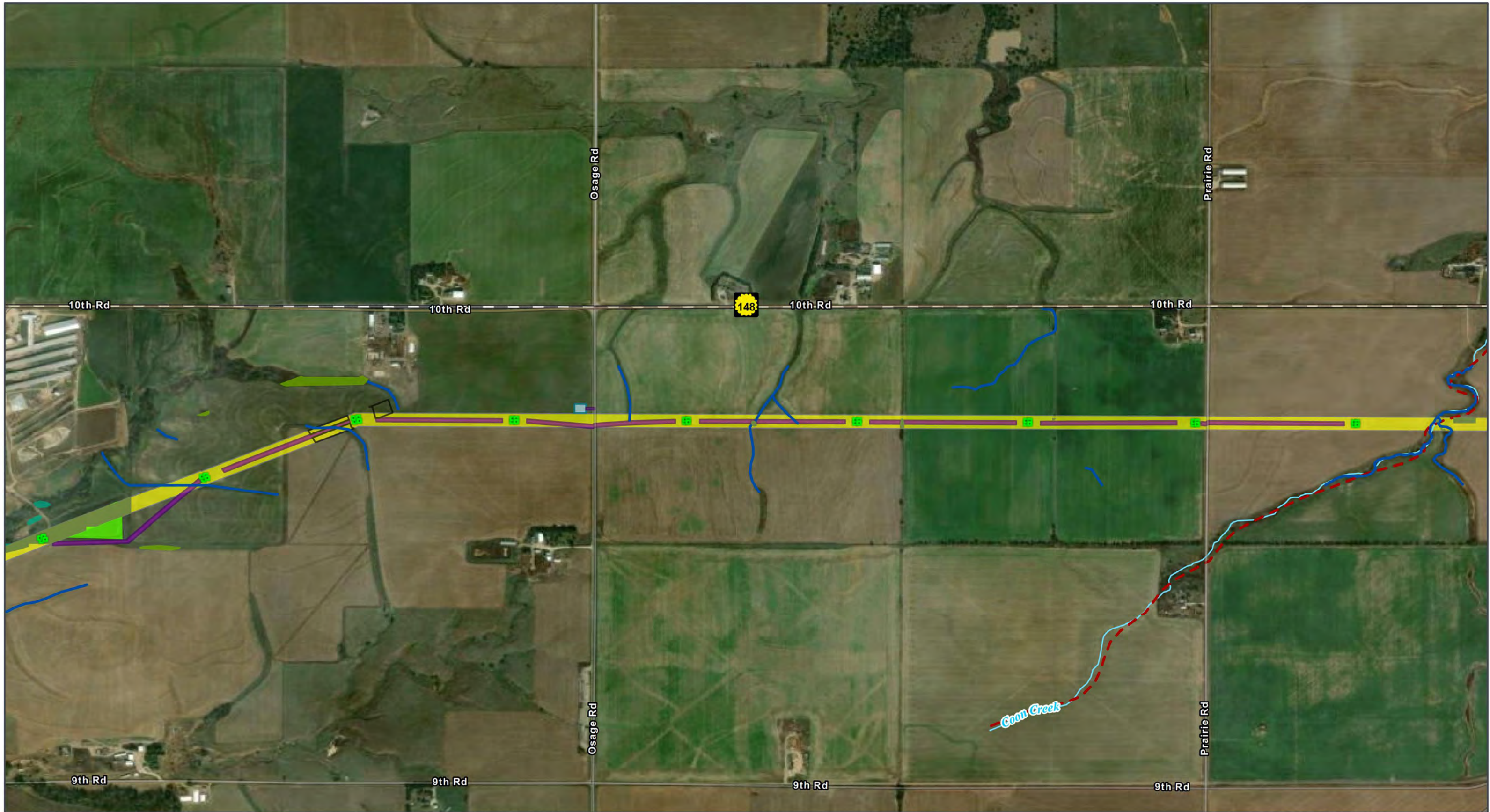
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online,
accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
Apn: WetlandMapBook_12k





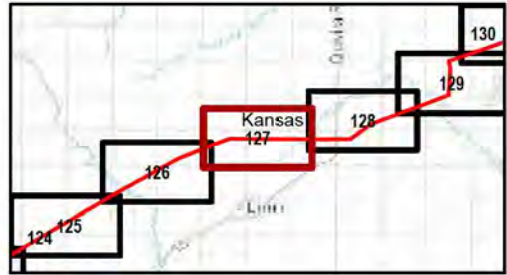
GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
Wetlands Map Book
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- ROW
 - Permanent Project Component**
 - Transmission Structure
 - Optical Regeneration
 - OPGW Access
 - Habitat Conversion**
 - Vegetation Clearing
- Temporary Project Component**
 - Access Road
 - Pull Site/Tension Site
 - Hydrology**
 - Delineated Stream
 - NHD Stream/River
 - Impaired Waterway (303d)

- Delineated Wetland**
- Palustrine Emergent (PEM)
- Palustrine Forested (PFO)
- Palustrine Unconsolidated Bottom (PUB)
- Transportation**
- State Highway

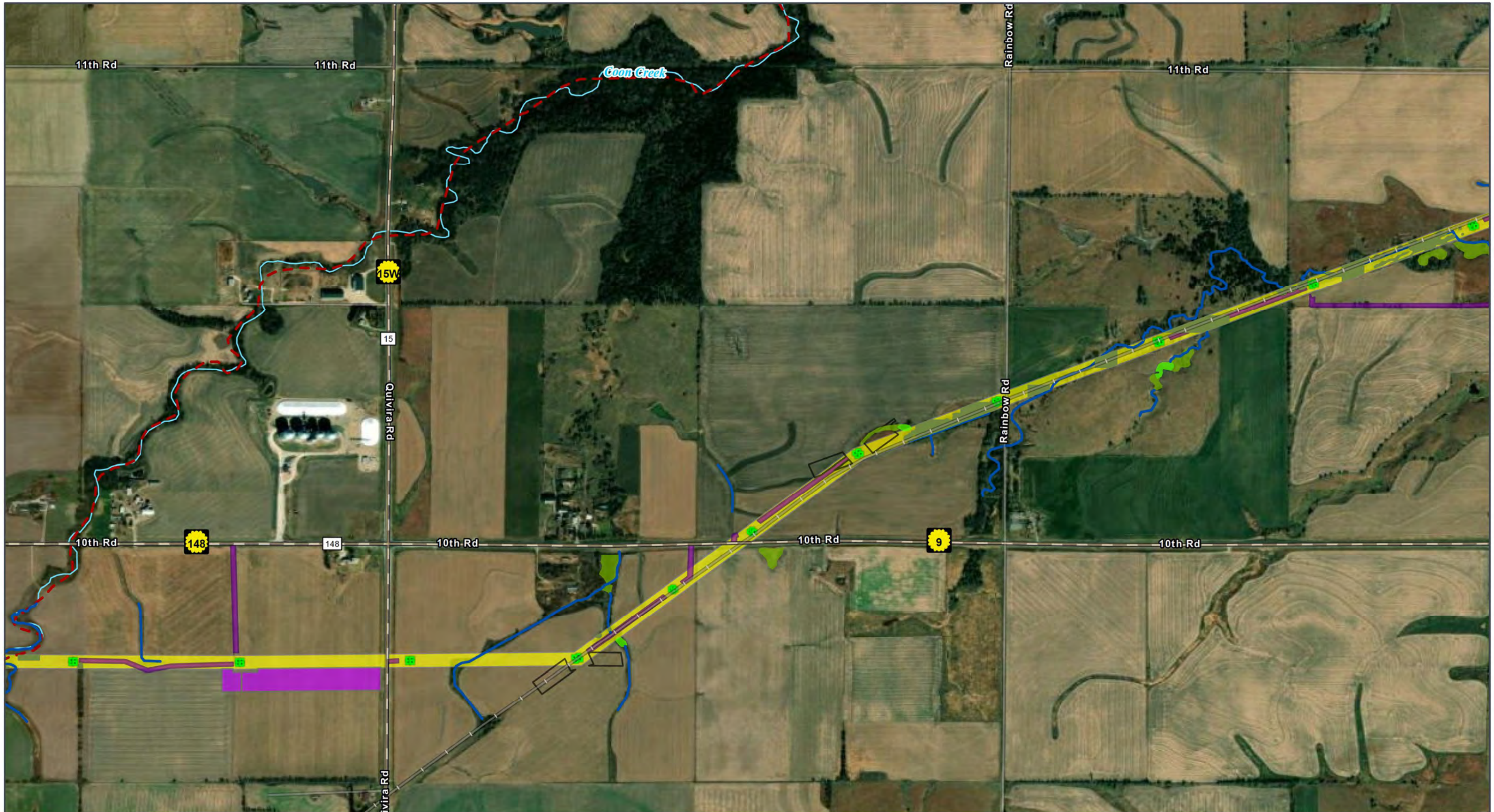
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

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Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 129
App: WetlandMapBook_129

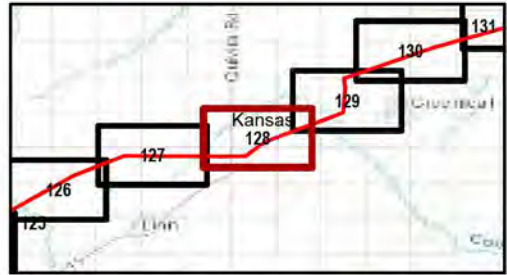


GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
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- ROW
- Permanent Project Component**
- Transmission Structure
- Habitat Conversion**
- Vegetation Clearing
- Temporary Project Component**
- Access Road
- Helipad / Fly Yard
- Pull Site/Tension Site
- Hydrology**
- Delineated Stream
- NHD Stream/River
- Impaired Waterway (303d)

- Delineated Wetland**
- Palustrine Emergent (PEM)
- Palustrine Unconsolidated Bottom (PUB)
- Transportation**
- State Highway

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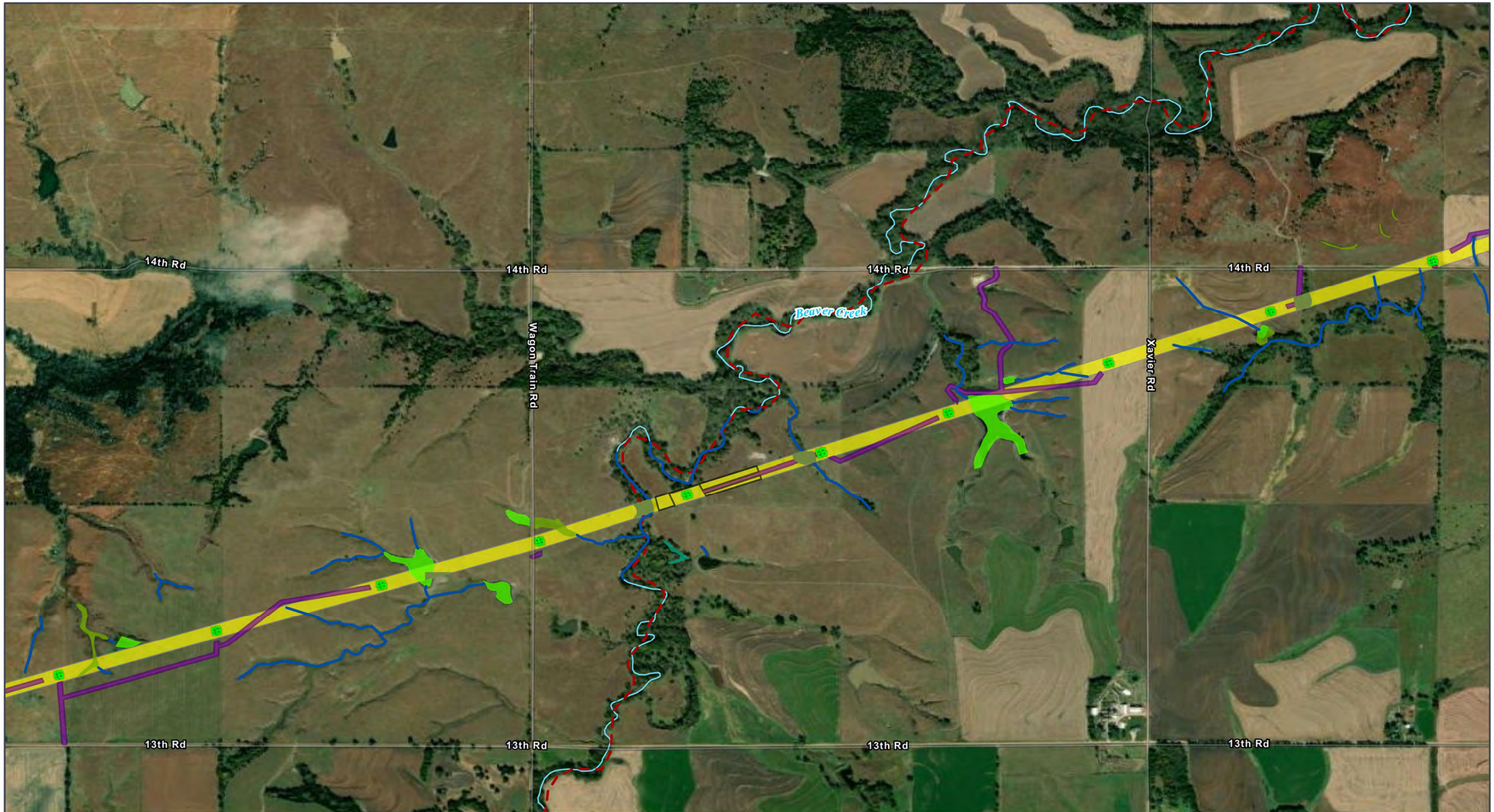


Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

1:12,000

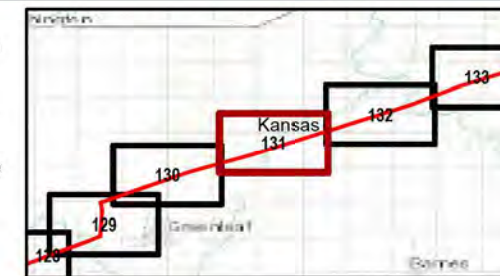
Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k

Kansas and Missouri



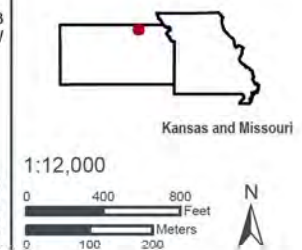
- | | | |
|------------------------------------|------------------------------------|--|
| ROW | Temporary Project Component | Impaired Waterway (303d) |
| Permanent Project Component | Access Road | Delineated Wetland |
| Transmission Structure | Pull Site/Tension Site | Palustrine Emergent (PEM) |
| Habitat Conversion | Hydrology | Palustrine Forested (PFO) |
| Vegetation Clearing | Delineated Stream | Palustrine Unconsolidated Bottom (PUB) |
| | NHD Stream/River | |

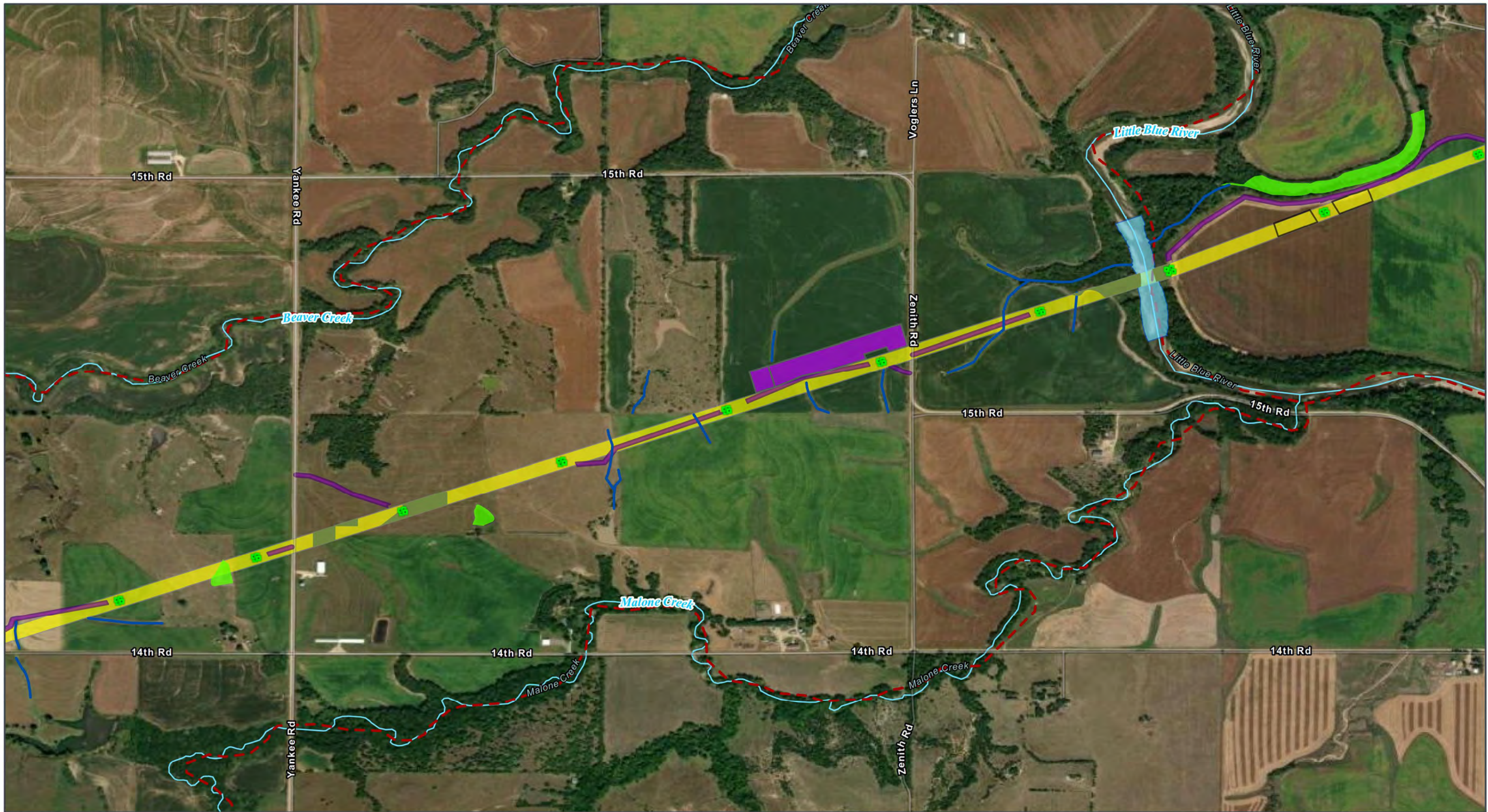
All disturbance areas are likely an over-estimation of direct impacts and based on assumptions presented in the Chapter 2 disturbance model (Table 2-1). These impact areas will be refined and finalized once field surveys are complete and avoidance and/or mitigation measures are implemented



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

Base Map: Esri ArcGIS Online,
accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k





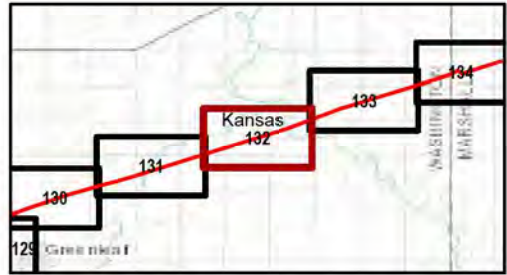
GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
Wetlands Map Book
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- ROW
- Permanent Project Component**
- Transmission Structure
- Habitat Conversion**
- Vegetation Clearing

- Temporary Project Component**
- Access Road
- Helipad / Fly Yard
- Pull Site/Tension Site
- Hydrology**
- Delineated Stream

- NHD Stream/River
- Impaired Waterway (303d)
- Delineated Wetland**
- Palustrine Unconsolidated Bottom (PUB)
- Delineated Waterbody

All disturbance areas are likely an over-estimation of direct impacts and based on assumptions presented in the Chapter 2 disturbance model (Table 2-1). These impact areas will be refined and finalized once field surveys are complete and avoidance and/or mitigation measures are implemented

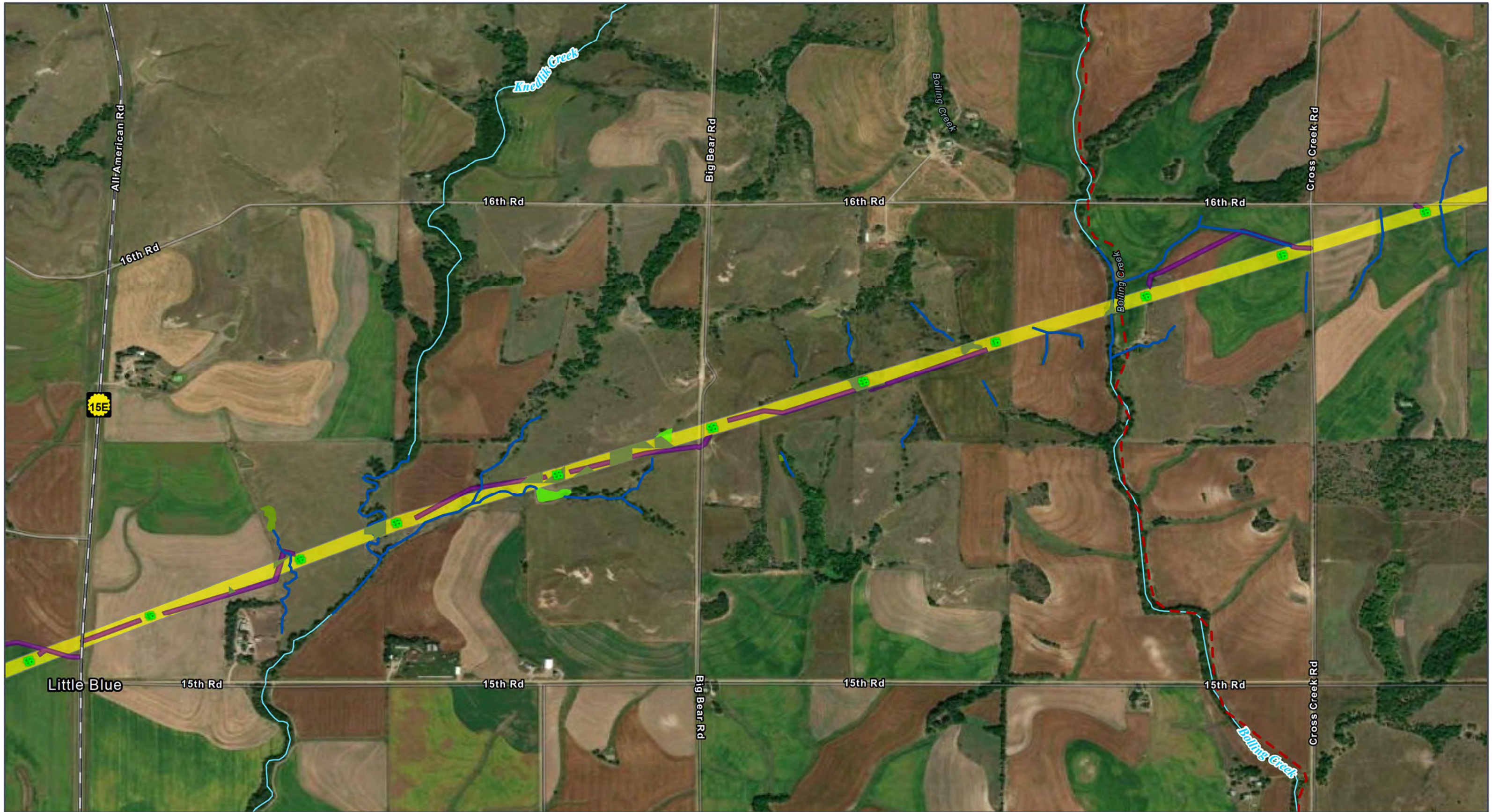


Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k

1:12,000

0 400 800 Feet
0 100 200 Meters



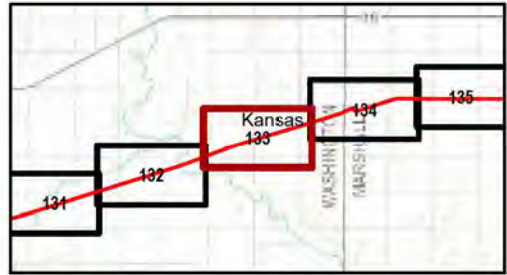
GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
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- ROW
- Permanent Project Component**
- Transmission Structure
- Habitat Conversion**
- Vegetation Clearing

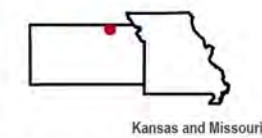
- Temporary Project Component**
- Access Road
- Hydrology**
- Delineated Stream
- NHD Stream/River
- Impaired Waterway (303d)

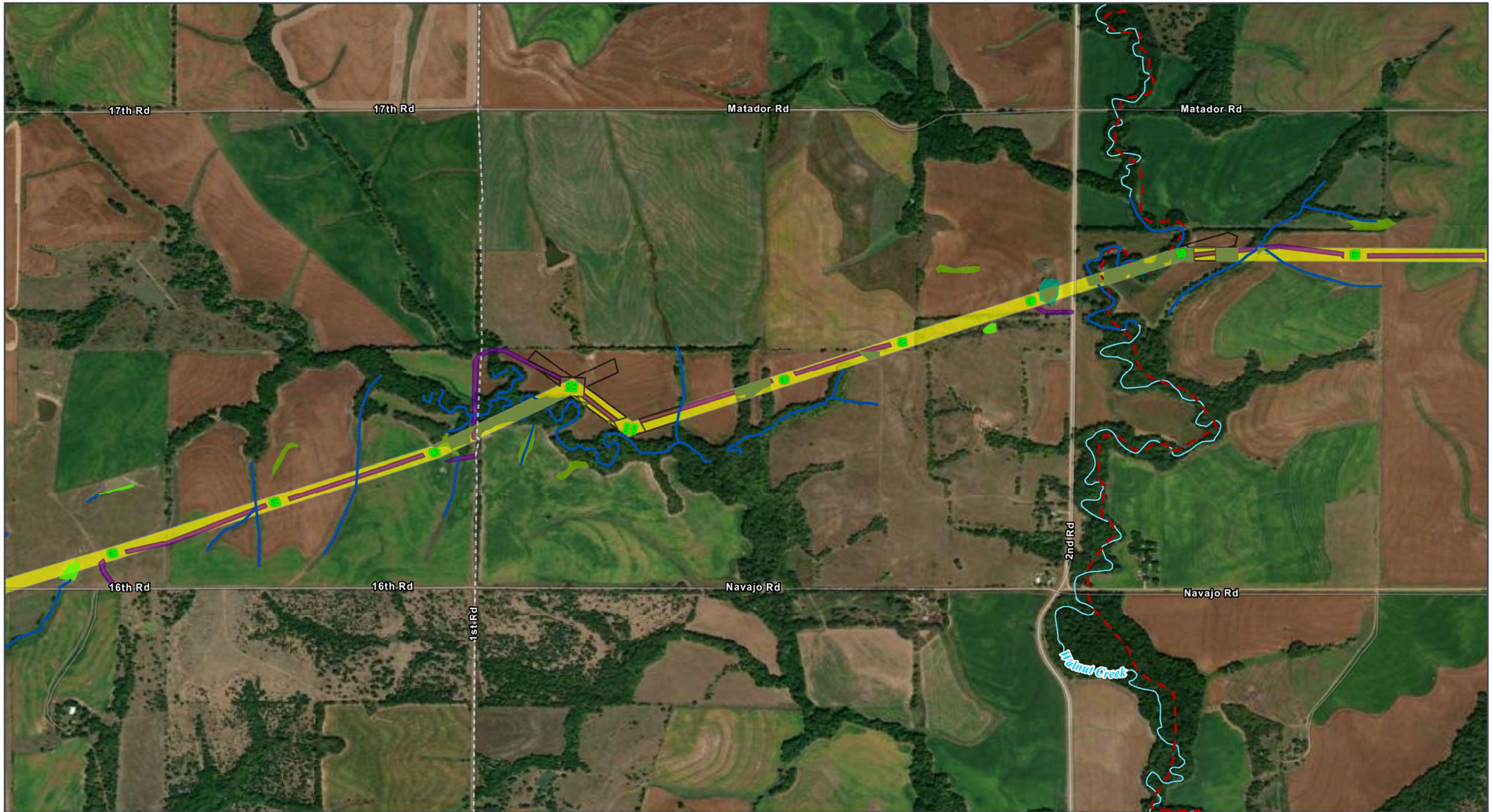
- Delineated Wetland**
- Palustrine Emergent (PEM)
- Palustrine Unconsolidated Bottom (PUB)
- Transportation**
- State Highway

All disturbance areas are likely an over-estimation of direct impacts and based on assumptions presented in the Chapter 2 disturbance model (Table 2-1). These impact areas will be refined and finalized once field surveys are complete and avoidance and/or mitigation measures are implemented



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





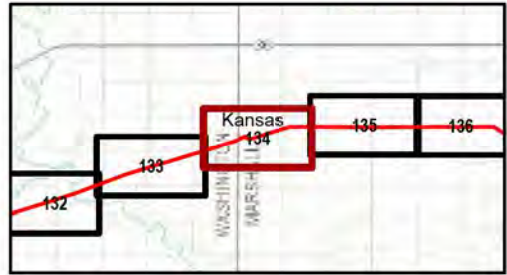
GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
Wetlands Map Book
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- ROW
- Permanent Project Component**
- Transmission Structure
- Habitat Conversion**
- Vegetation Clearing

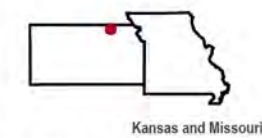
- Temporary Project Component**
- Access Road
- Pull Site/Tension Site
- Hydrology**
- Delineated Stream
- NHD Stream/River

- Impaired Waterway (303d)
- Delineated Wetland**
- Palustrine Emergent (PEM)
- Palustrine Forested (PFO)
- Palustrine Unconsolidated Bottom (PUB)

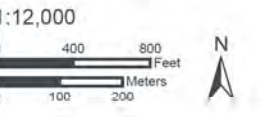
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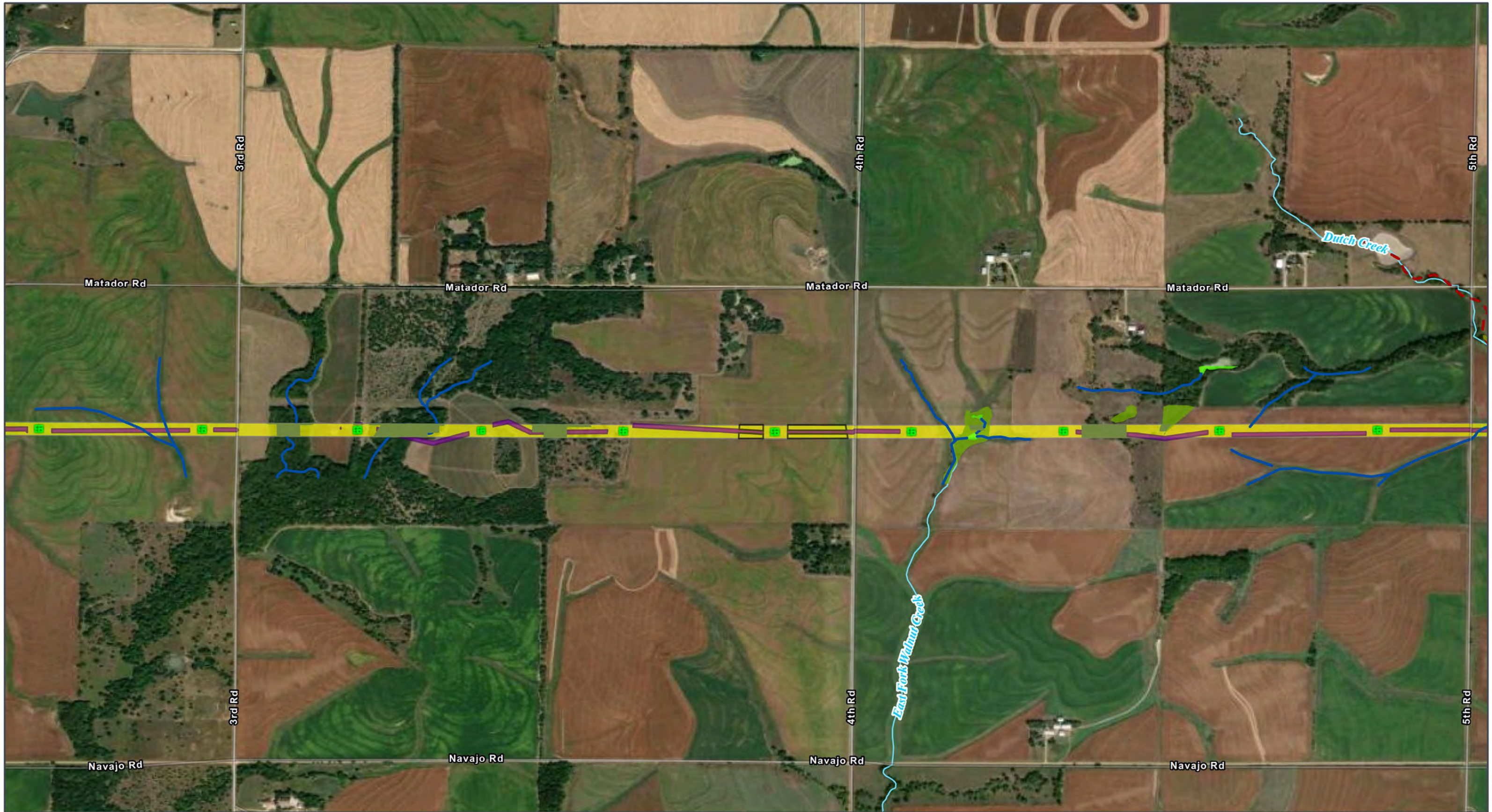


Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W



Base Map: Esri ArcGIS Online,
accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k





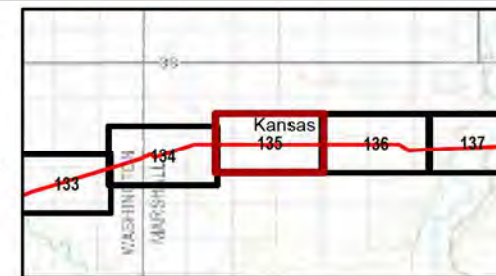
GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT

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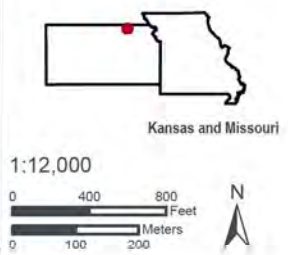
- | | | |
|------------------------------------|------------------------------------|--|
| ROW | Temporary Project Component | NHD Stream/River |
| Permanent Project Component | Access Road | Impaired Waterway (303d) |
| Transmission Structure | Pull Site/Tension Site | Delineated Wetland |
| Habitat Conversion | Hydrology | Palustrine Emergent (PEM) |
| Vegetation Clearing | Delineated Stream | Palustrine Unconsolidated Bottom (PUB) |

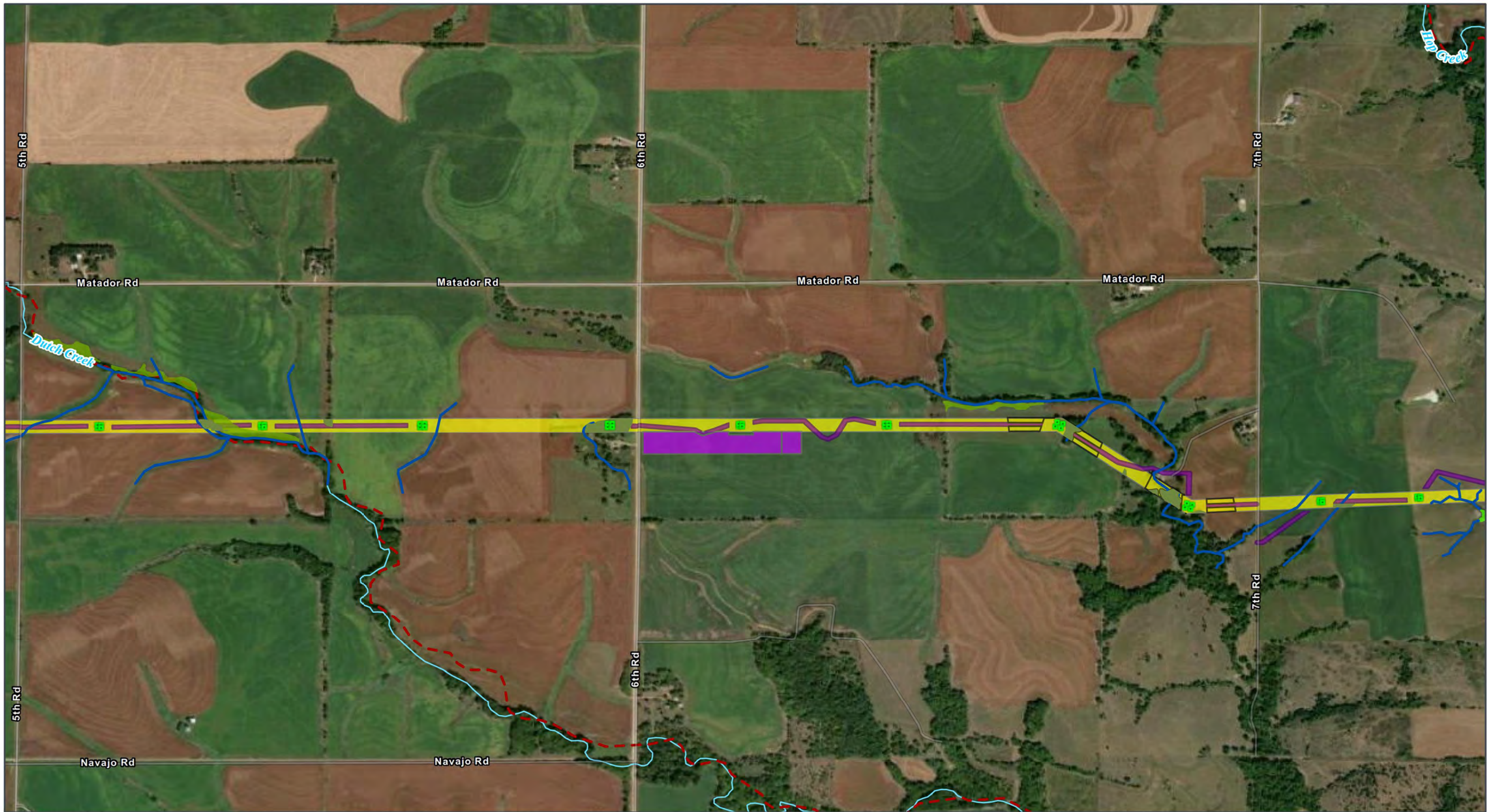
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online,
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Updated: 11/26/2024
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Layout: Wetland Mapbook 12k
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ROW

Permanent Project Component

- Transmission Structure
- Habitat Conversion**
- Vegetation Clearing

Temporary Project Component

- Access Road
- Helipad / Fly Yard
- Pull Site/Tension Site
- Hydrology**
- Delineated Stream

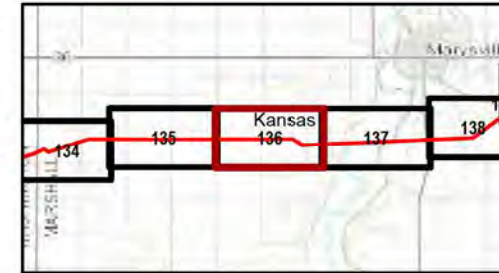
NHD Stream/River

— Impaired Waterway (303d)

Delineated Wetland

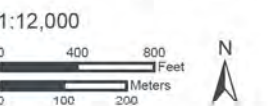
- Palustrine Emergent (PEM)
- Palustrine Unconsolidated Bottom (PUB)

All disturbance areas are likely an over-estimation of direct impacts and based on assumptions presented in the Chapter 2 disturbance model (Table 2-1). These impact areas will be refined and finalized once field surveys are complete and avoidance and/or mitigation measures are implemented



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

Base Map: Esri ArcGIS Online,
accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k





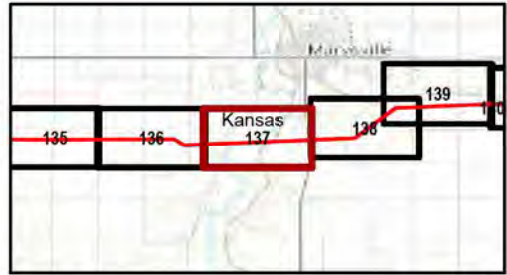
GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
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- ROW
 - Permanent Project Component**
 - Transmission Structure
 - Habitat Conversion**
 - Vegetation Clearing
 - Temporary Project Component**
 - Access Road
- Hydrology**
 - Delineated Stream
 - NHD Stream/River
 - Impaired Waterway (303d)
 - Delineated Wetland**
 - Palustrine Emergent (PEM)
 - Palustrine Forested (PFO)

- Palustrine Unconsolidated Bottom (PUB)
- Delineated Waterbody
- Transportation**
- U.S. Highway
- Railroad

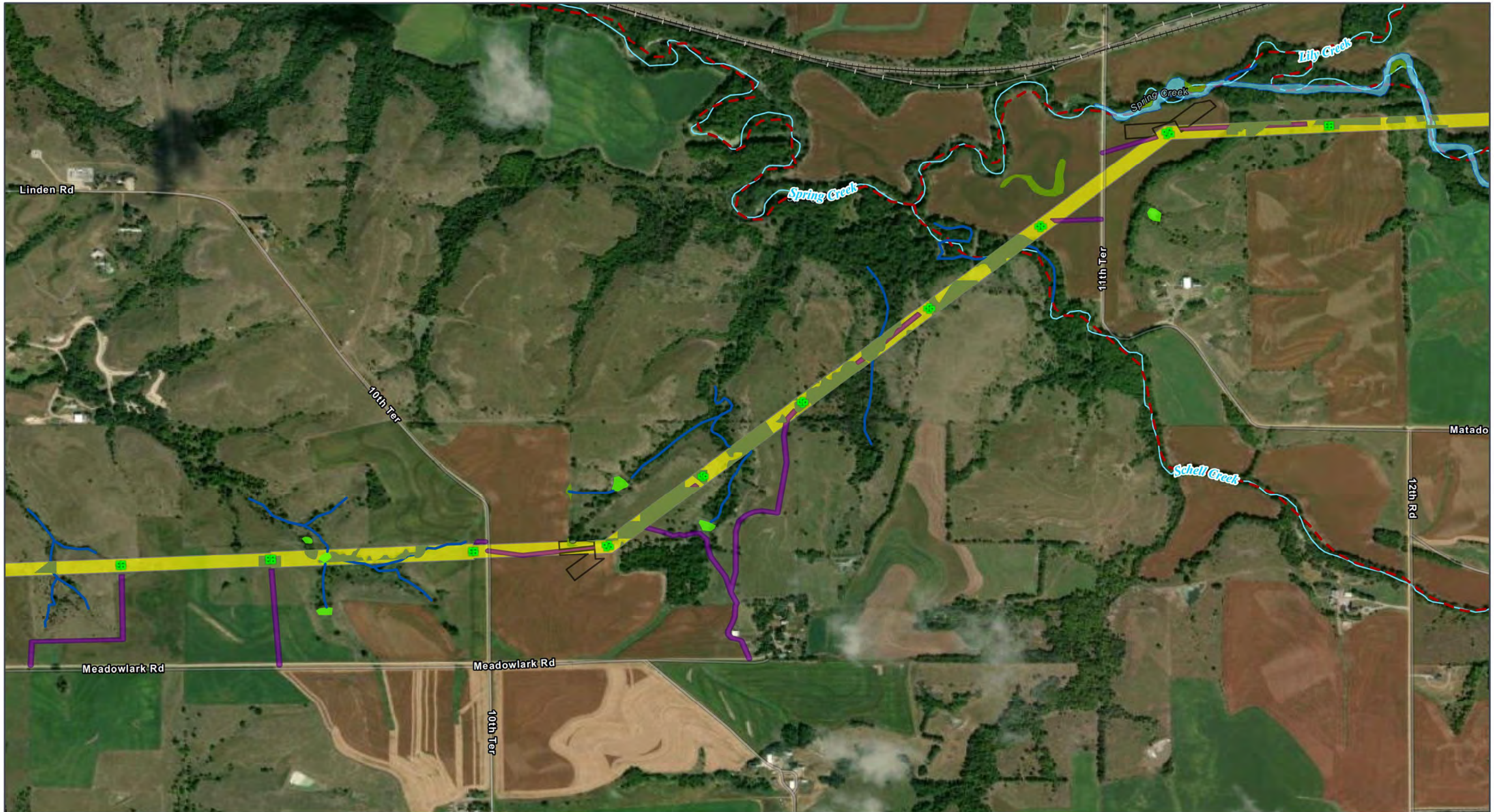
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

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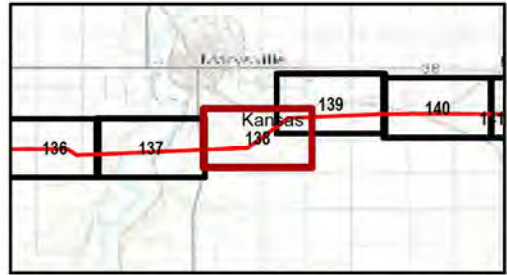
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Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k



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- | | | |
|------------------------------------|---------------------------|--|
| ROW | Pull Site/Tension Site | Palustrine Unconsolidated Bottom (PUB) |
| Permanent Project Component | Hydrology | Delineated Waterbody |
| Transmission Structure | Delineated Stream | Transportation |
| Habitat Conversion | NHD Stream/River | Railroad |
| Vegetation Clearing | Impaired Waterway (303d) | Delineated Wetland |
| Temporary Project Component | Palustrine Emergent (PEM) | |
| Access Road | | |

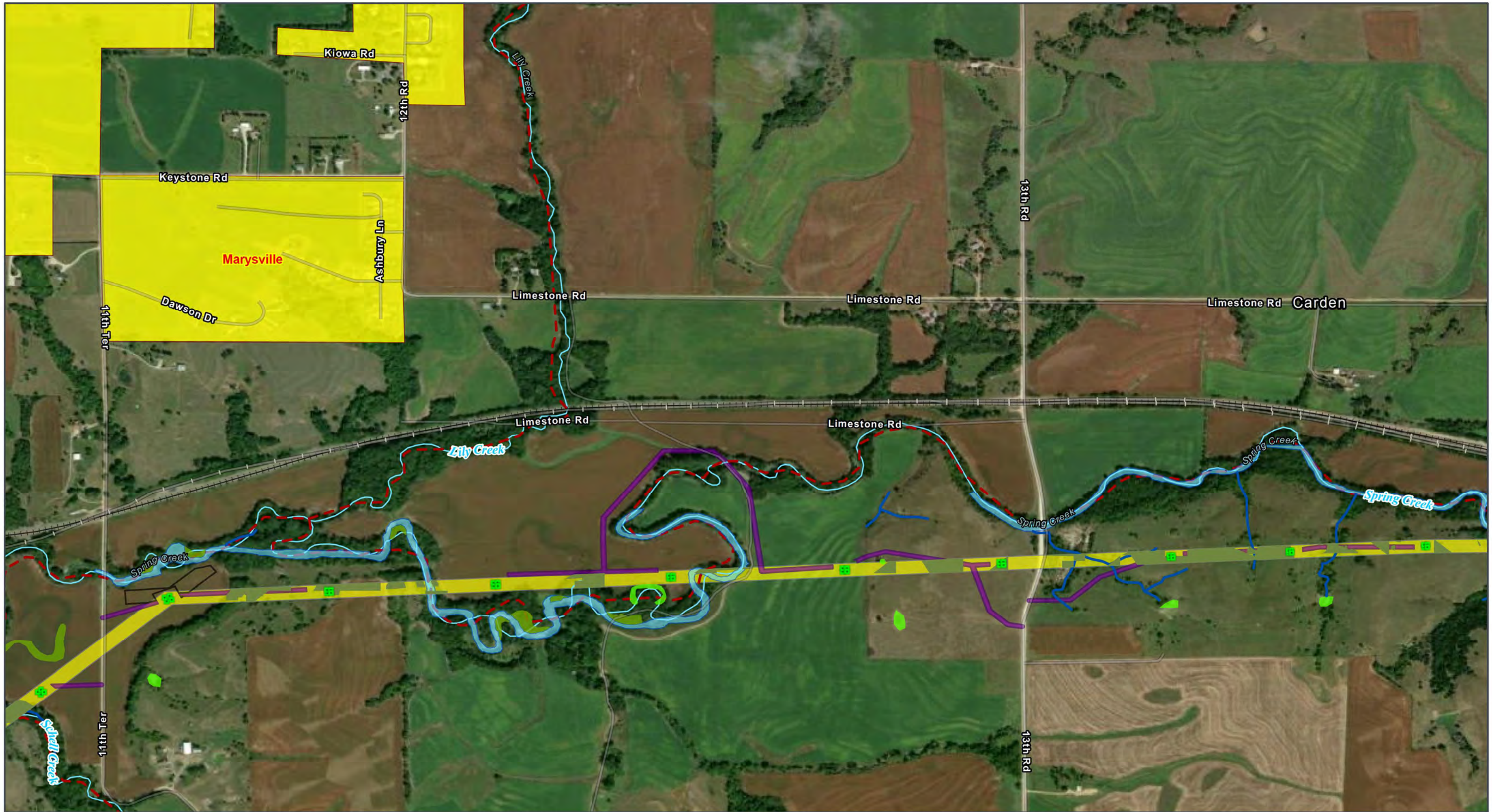
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

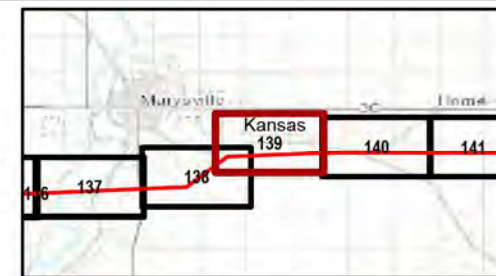
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Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k



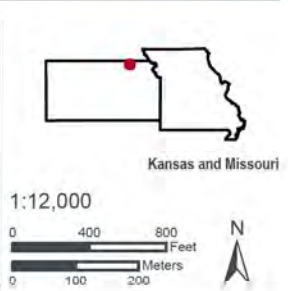
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|--|--|---|
| <ul style="list-style-type: none"> Municipal Boundary Near the Project ROW Permanent Project Component Transmission Structure Habitat Conversion Vegetation Clearing | <ul style="list-style-type: none"> Temporary Project Component Access Road Pull Site/Tension Site Hydrology Delineated Stream NHD Stream/River Impaired Waterway (303d) | <ul style="list-style-type: none"> Delineated Wetland Palustrine Emergent (PEM) Palustrine Unconsolidated Bottom (PUB) Delineated Waterbody Transportation Railroad |
|--|--|---|

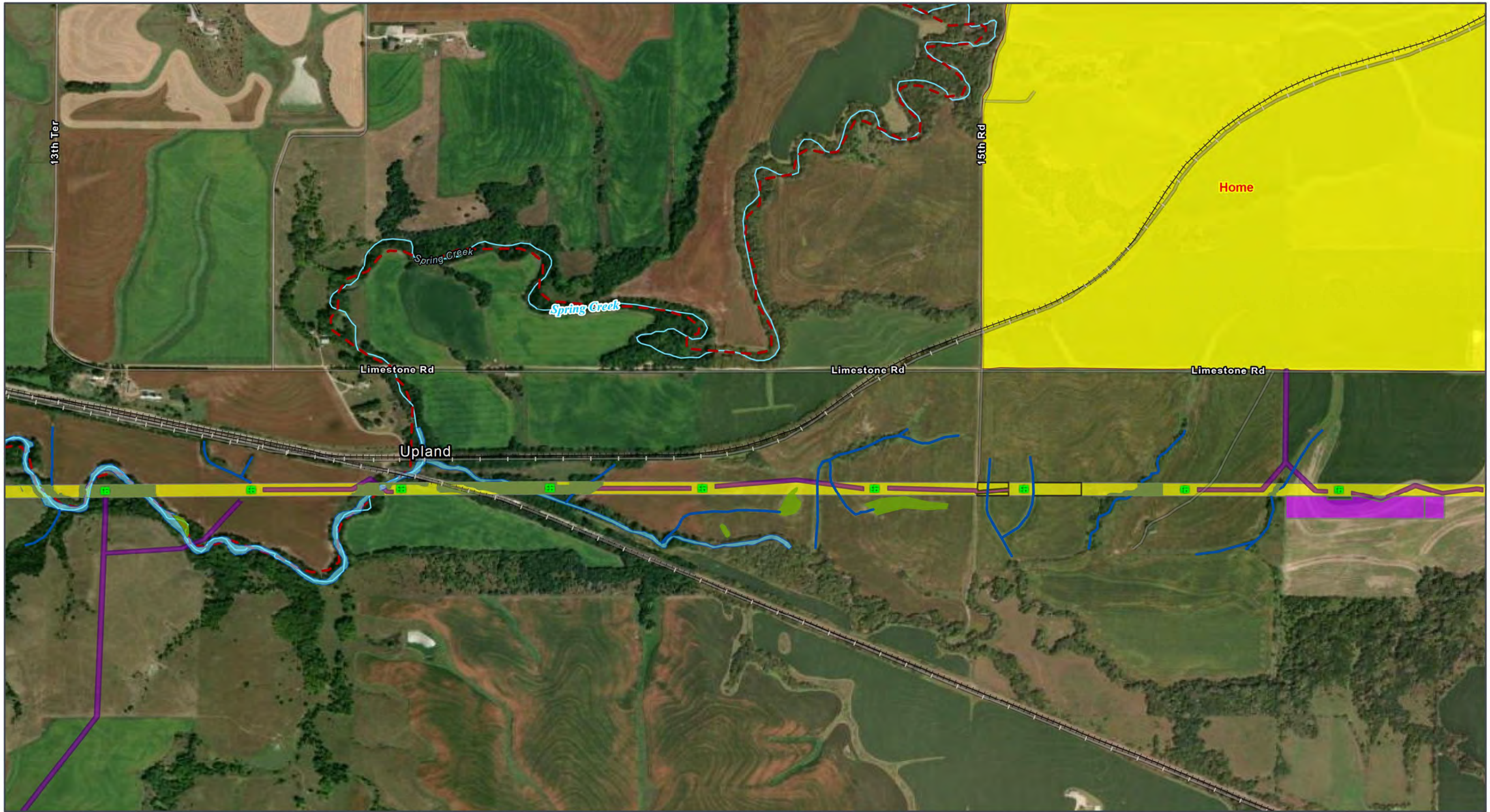
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online,
accessed November 2024
Updated: 11/26/2024
Project No.: 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k

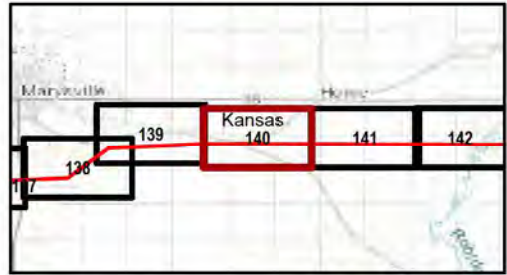




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- | | | |
|--|---|---|
| <ul style="list-style-type: none"> Municipal Boundary Near the Project ROW Permanent Project Component Transmission Structure Habitat Conversion Vegetation Clearing | <ul style="list-style-type: none"> Temporary Project Component Access Road Helipad / Fly Yard Pull Site/Tension Site Hydrology Delineated Stream NHD Stream/River | <ul style="list-style-type: none"> Impaired Waterway (303d) Delineated Wetland Palustrine Emergent (PEM) Delineated Waterbody Transportation Railroad |
|--|---|---|

All disturbance areas are likely an over-estimation of direct impacts and based on assumptions presented in the Chapter 2 disturbance model (Table 2-1). These impact areas will be refined and finalized once field surveys are complete and avoidance and/or mitigation measures are implemented



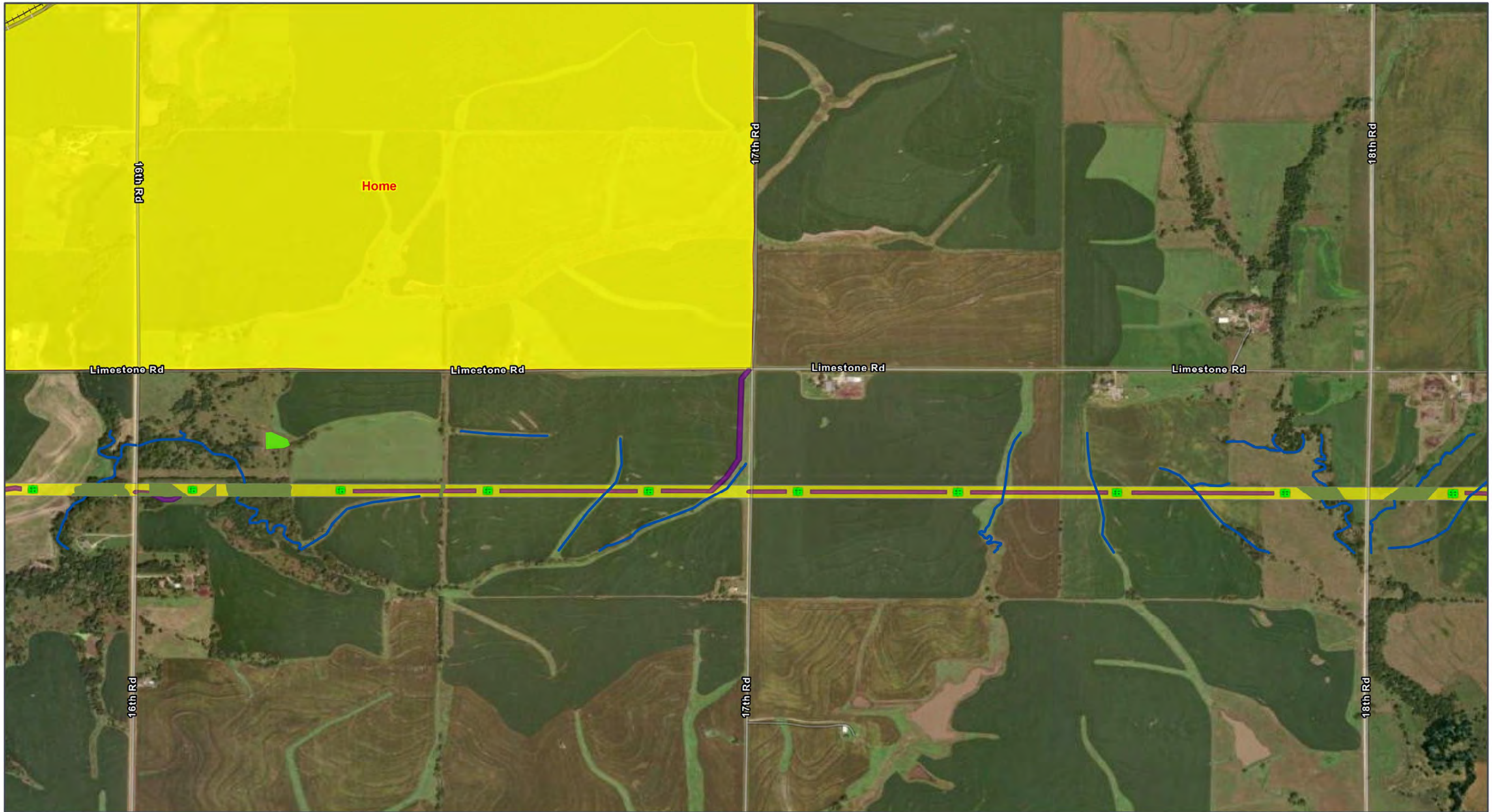
Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k

1:12,000

0 400 800 Feet
0 100 200 Meters

Kansas and Missouri

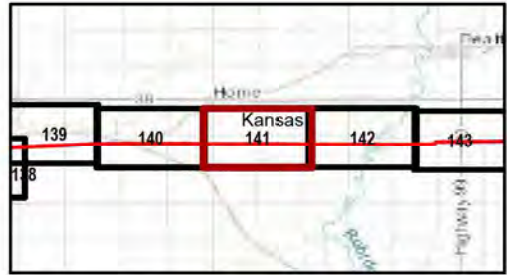


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TRANSMISSION LINE PROJECT
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- Municipal Boundary Near the Project
 - ROW
 - Permanent Project Component**
 - Transmission Structure
- Habitat Conversion**
 - Vegetation Clearing
 - Temporary Project Component**
 - Access Road
 - Hydrology**
 - Delineated Stream

- Delineated Wetland**
- Palustrine Unconsolidated Bottom (PUB)
- Transportation**
- Railroad

All disturbance areas are likely an over-estimation of direct impacts and based on assumptions presented in the Chapter 2 disturbance model (Table 2-1). These impact areas will be refined and finalized once field surveys are complete and avoidance and/or mitigation measures are implemented



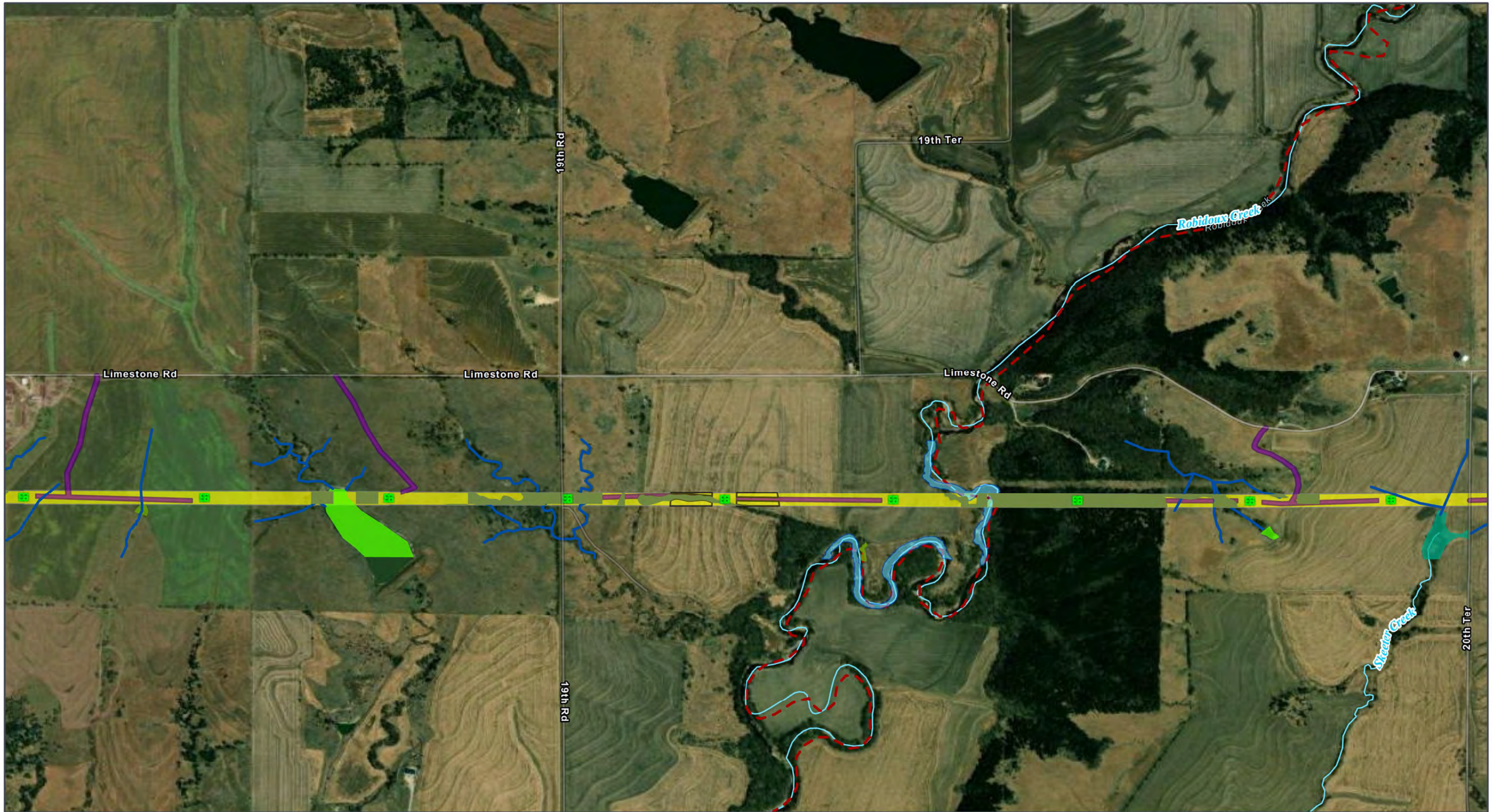
Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k

1:12,000

0 400 800 Feet
0 100 200 Meters

Kansas and Missouri

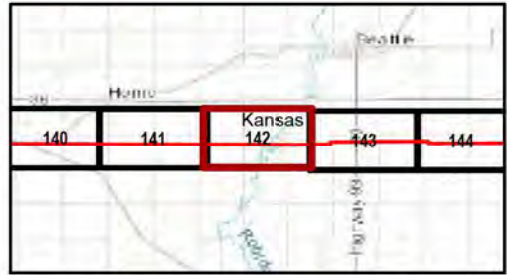


GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
Wetlands Map Book
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- | | |
|------------------------------------|------------------------------------|
| ROW | Temporary Project Component |
| Permanent Project Component | Access Road |
| Transmission Structure | Pull Site/Tension Site |
| Habitat Conversion | Hydrology |
| Vegetation Clearing | Delineated Stream |
| | NHD Stream/River |
| | Impaired Waterway (303d) |

- Delineated Wetland**
- Palustrine Emergent (PEM)
 - Palustrine Forested (PFO)
 - Palustrine Unconsolidated Bottom (PUB)
 - Delineated Waterbody

All disturbance areas are likely an over-estimation of direct impacts and based on assumptions presented in the Chapter 2 disturbance model (Table 2-1). These impact areas will be refined and finalized once field surveys are complete and avoidance and/or mitigation measures are implemented



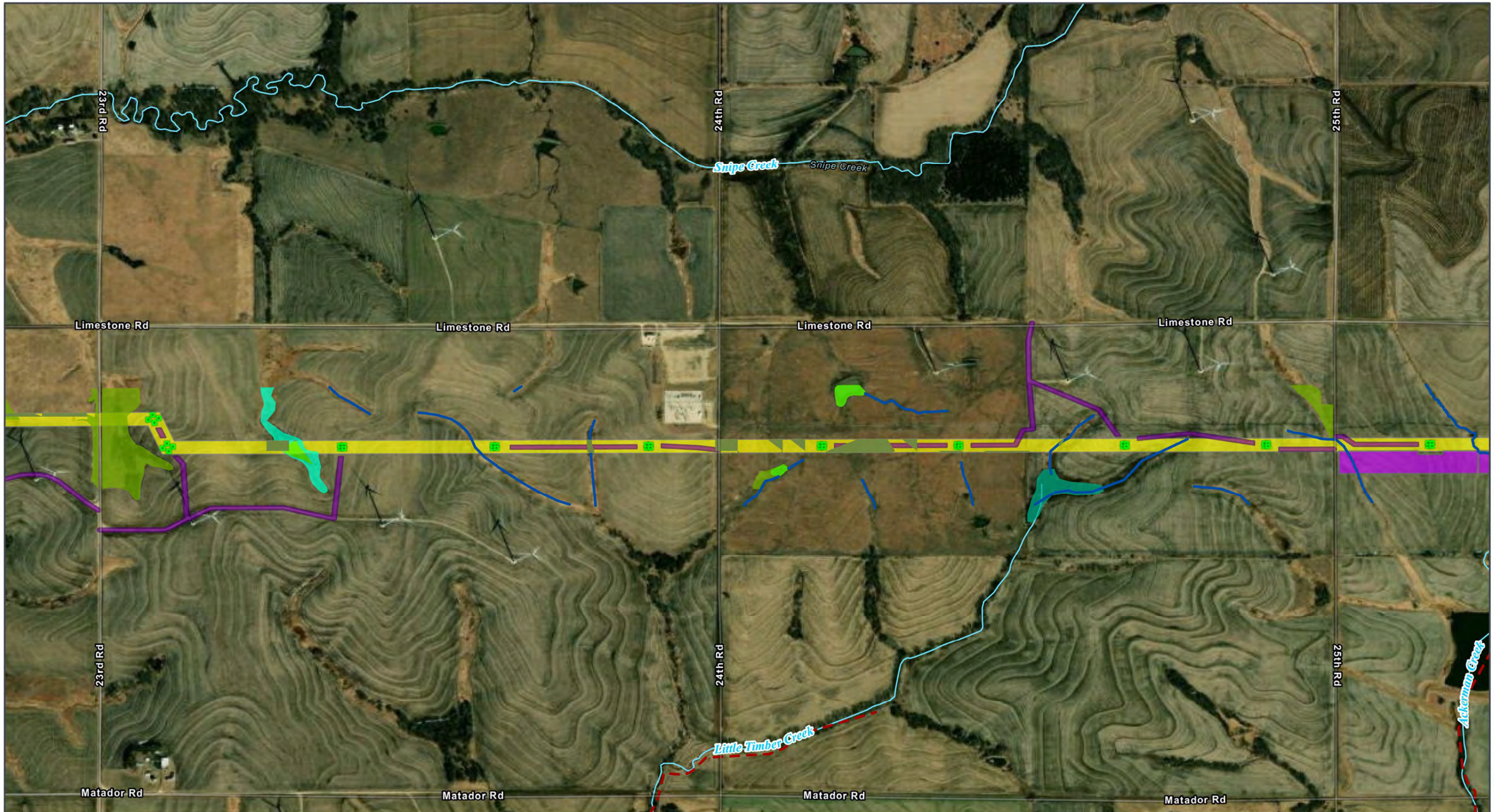
Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Kansas and Missouri

1:12,000

0 100 200 Meters
0 400 800 Feet

Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k



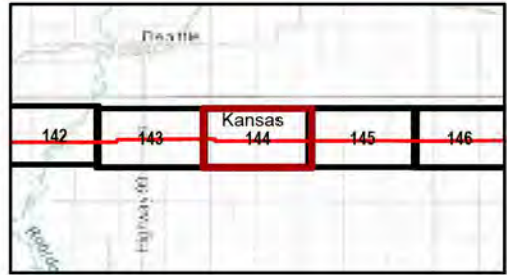
GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
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- ROW
- Permanent Project Component**
- Transmission Structure
- Habitat Conversion**
- Vegetation Clearing

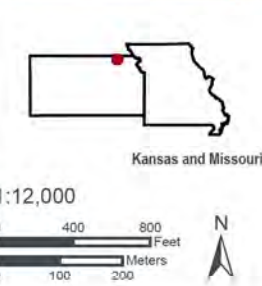
- Temporary Project Component**
- Access Road
- Helipad / Fly Yard
- Hydrology**
- Delineated Stream
- NHD Stream/River
- Impaired Waterway (303d)

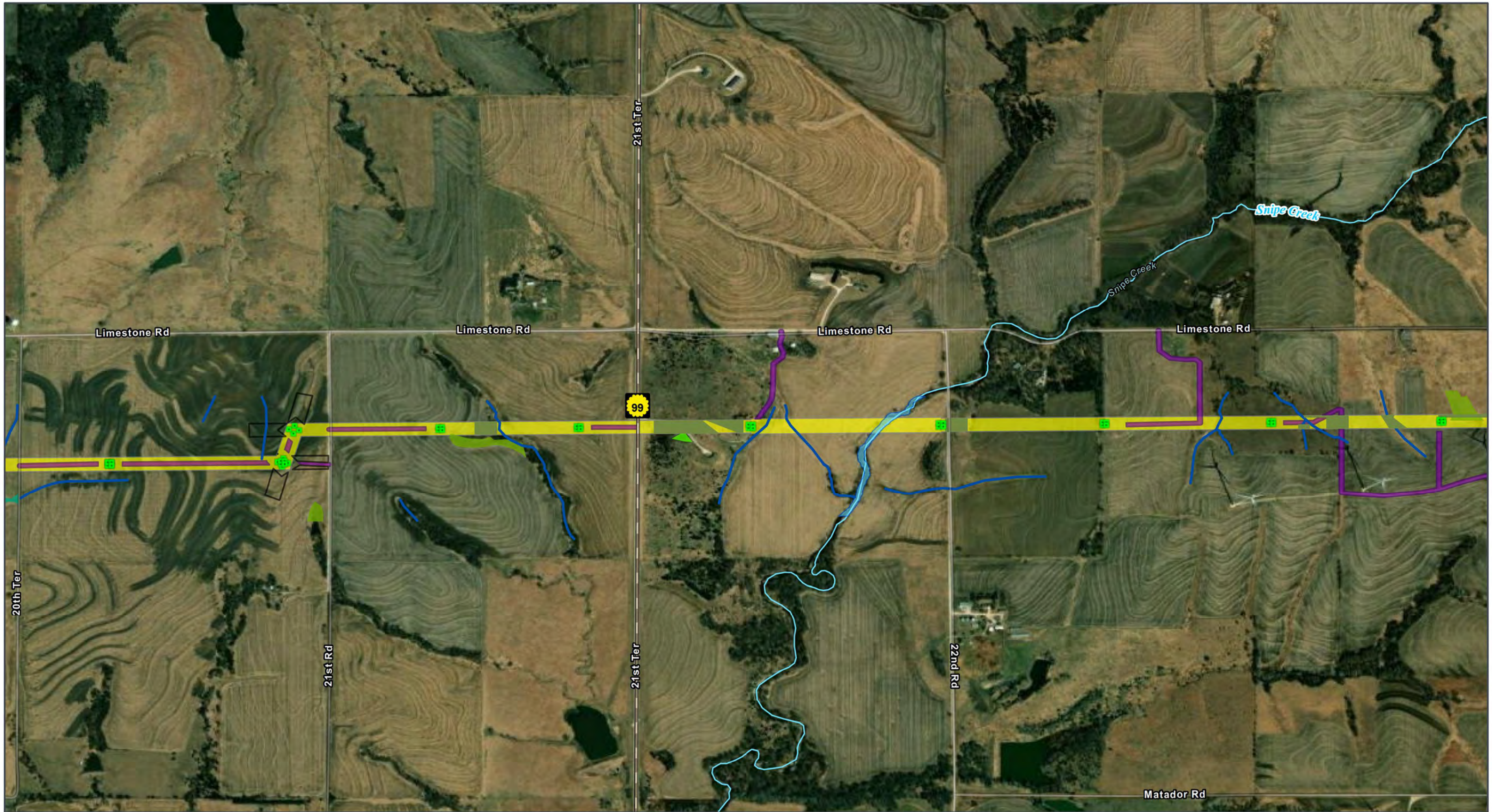
- Delineated Wetland**
- Palustrine Aquatic Bed (PAB)
- Palustrine Emergent (PEM)
- Palustrine Forested (PFO)
- Palustrine Unconsolidated Bottom (PUB)

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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W
Base Map: Esri ArcGIS Online,
accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
ArcX: WetlandMapBook_12k





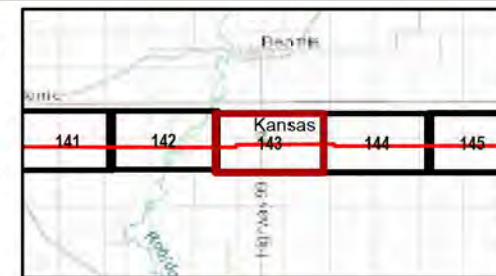
GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT

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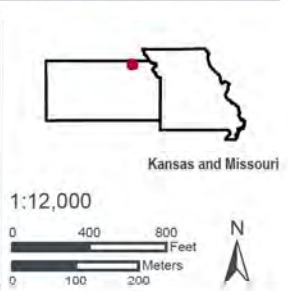
- | | | |
|------------------------------------|---------------------------|--|
| ROW | Pull Site/Tension Site | Palustrine Unconsolidated Bottom (PUB) |
| Permanent Project Component | Hydrology | Delineated Waterbody |
| Transmission Structure | Delineated Stream | Transportation |
| Habitat Conversion | NHD Stream/River | State Highway |
| Vegetation Clearing | Delineated Wetland | |
| Temporary Project Component | Palustrine Emergent (PEM) | |
| Access Road | Palustrine Forested (PFO) | |

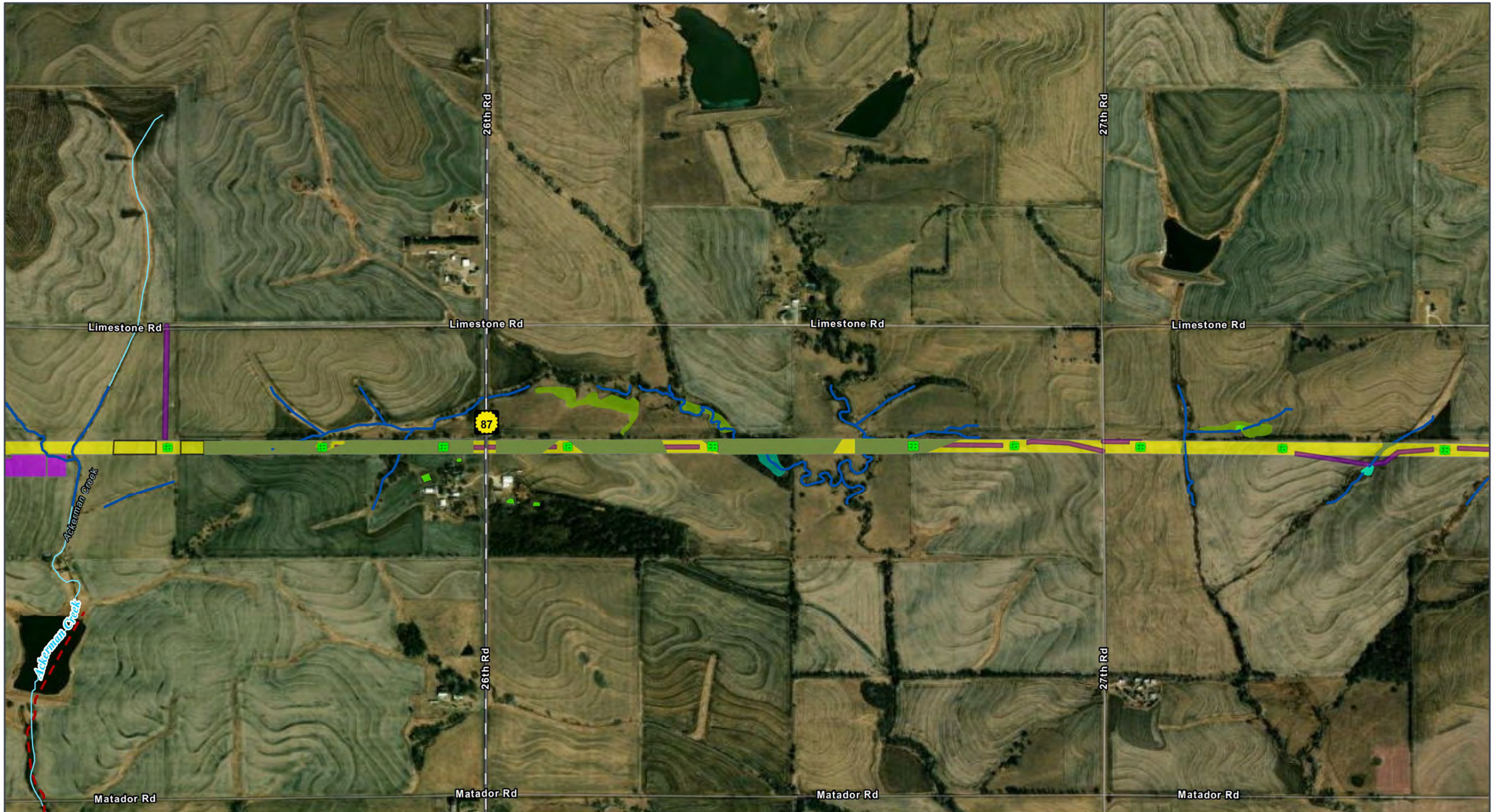
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online,
accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k





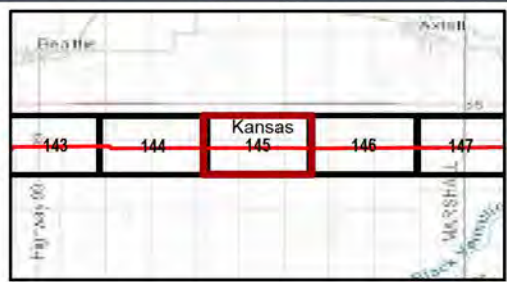
GRAIN BELT EXPRESS
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- ROW
- Permanent Project Component**
- Transmission Structure
- Habitat Conversion**
- Vegetation Clearing
- Temporary Project Component**
- Access Road
- Helipad / Fly Yard
- Pull Site/Tension Site
- Hydrology**
- Delineated Stream
- NHD Stream/River
- Impaired Waterway (303d)

- Delineated Wetland**
- Palustrine Aquatic Bed (PAB)
- Palustrine Emergent (PEM)
- Palustrine Forested (PFO)
- Palustrine Unconsolidated Bottom (PUB)
- Transportation**
- State Highway

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

Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k

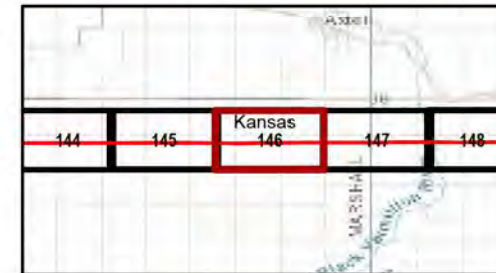
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0 100 200 Meters
0 400 800 Feet



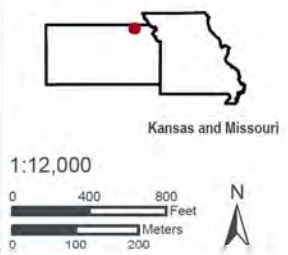
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|--|---|
| <p>Permanent Project Component</p> <ul style="list-style-type: none"> Transmission Structure Vegetation Clearing <p>Habitat Conversion</p> | <p>Temporary Project Component</p> <ul style="list-style-type: none"> Access Road Pull Site/Tension Site <p>Hydrology</p> <ul style="list-style-type: none"> Delineated Stream |
|--|---|

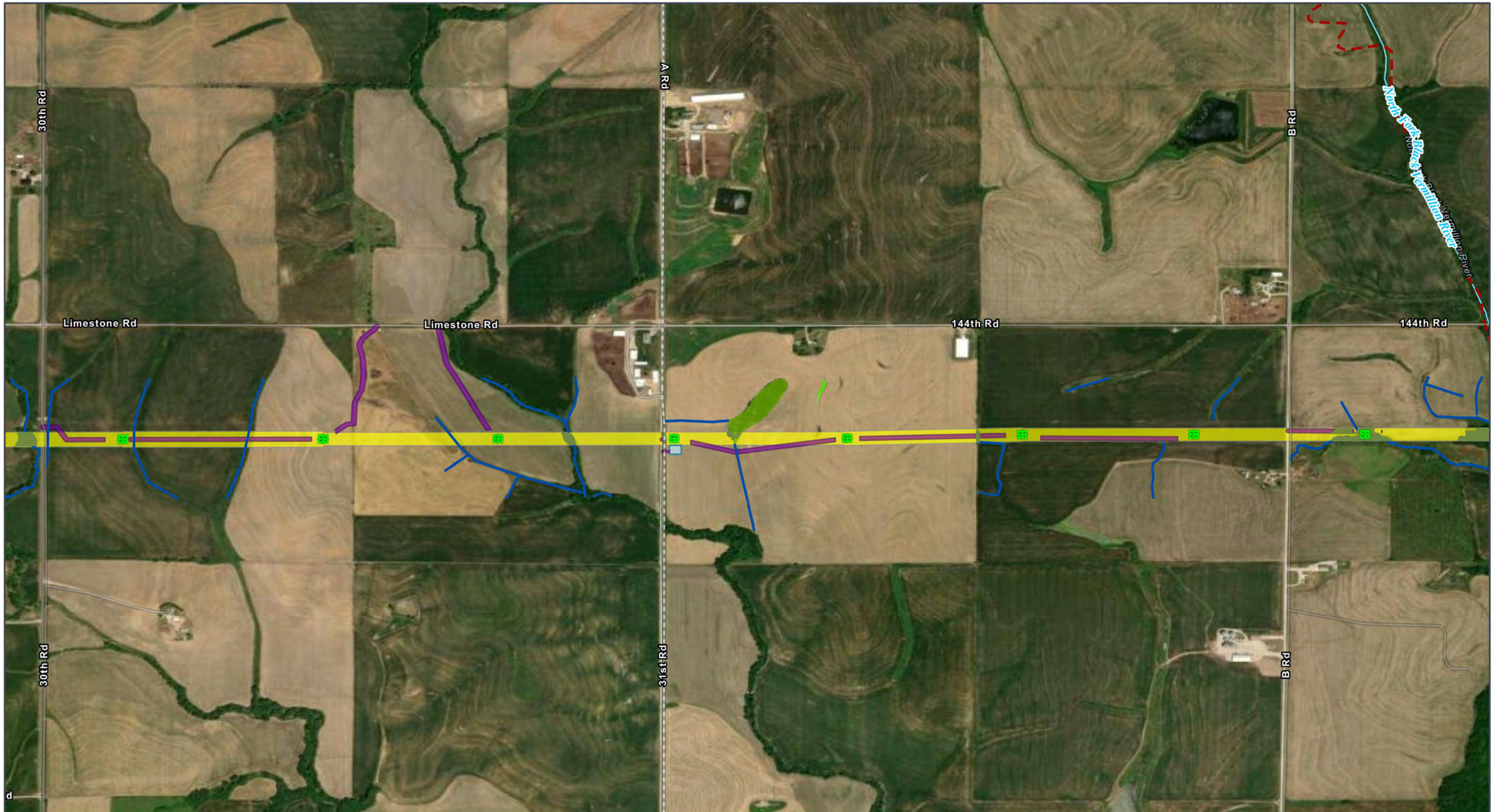
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Kansas and Missouri
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Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k

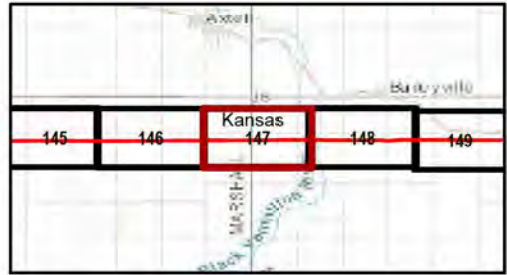




GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
Wetlands Map Book
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- | | | |
|------------------------------------|------------------------------------|--|
| ROW | Habitat Conversion | NHD Stream/River |
| Permanent Project Component | Vegetation Clearing | Impaired Waterway (303d) |
| Transmission Structure | Temporary Project Component | Delineated Wetland |
| Optical Regeneration | Access Road | Palustrine Emergent (PEM) |
| OPGW Access | Hydrology | Palustrine Unconsolidated Bottom (PUB) |
| | Delineated Stream | |

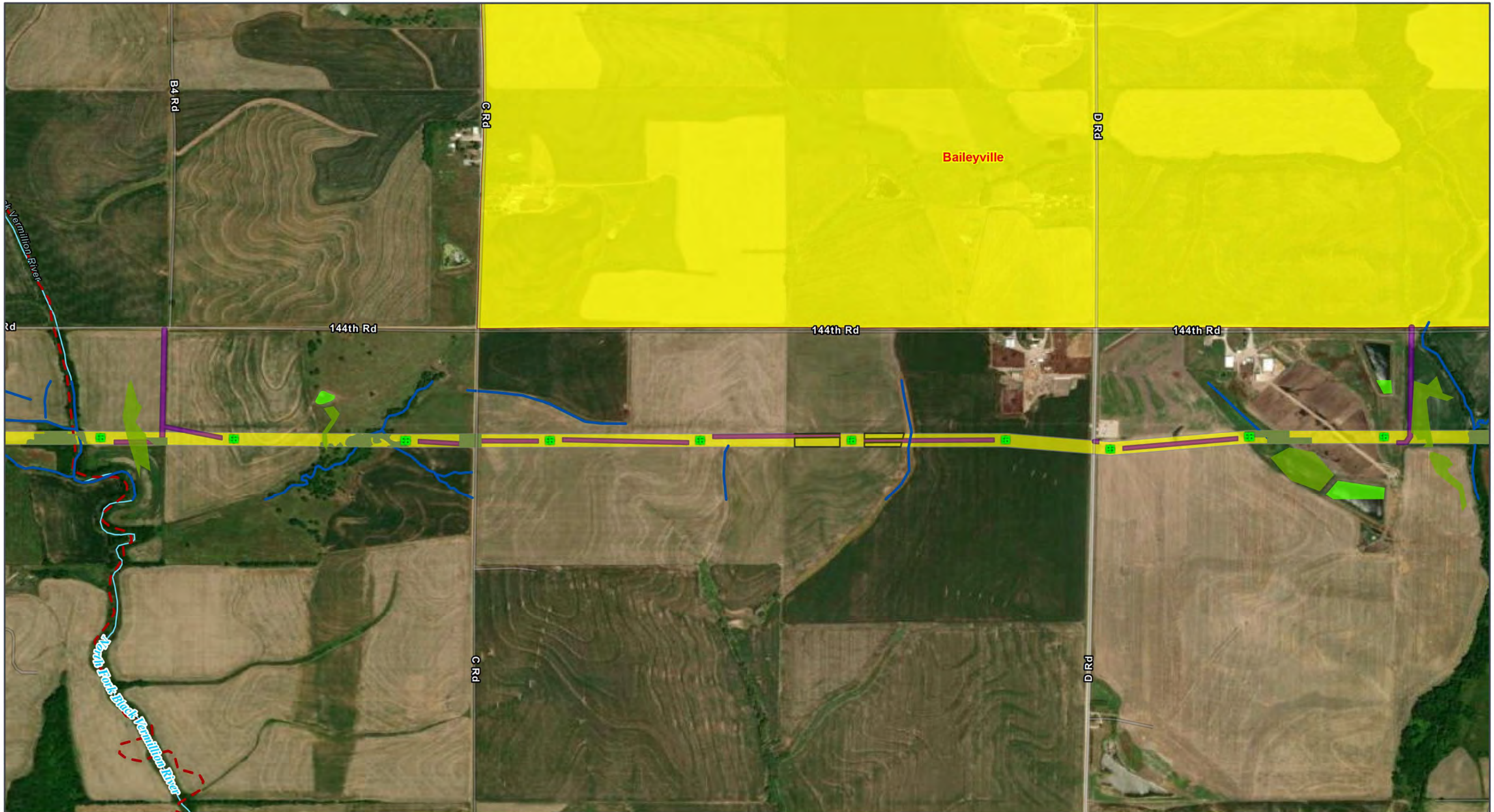
All disturbance areas are likely an over-estimation of direct impacts and based on assumptions presented in the Chapter 2 disturbance model (Table 2-1). These impact areas will be refined and finalized once field surveys are complete and avoidance and/or mitigation measures are implemented



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

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Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k



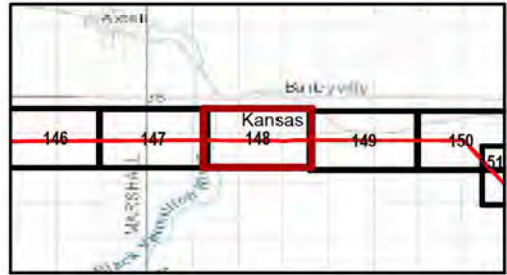
GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
Wetlands Map Book
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- Municipal Boundary Near the Project
- ROW
- Permanent Project Component**
- Transmission Structure
- Habitat Conversion**
- Vegetation Clearing

- Temporary Project Component**
- Access Road
- Pull Site/Tension Site
- Hydrology**
- Delineated Stream
- NHD Stream/River

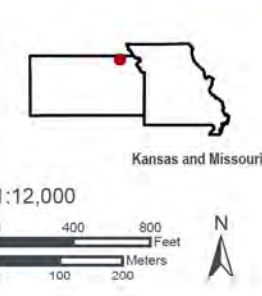
- Impaired Waterway (303d)
- Delineated Wetland**
- Palustrine Emergent (PEM)
- Palustrine Unconsolidated Bottom (PUB)

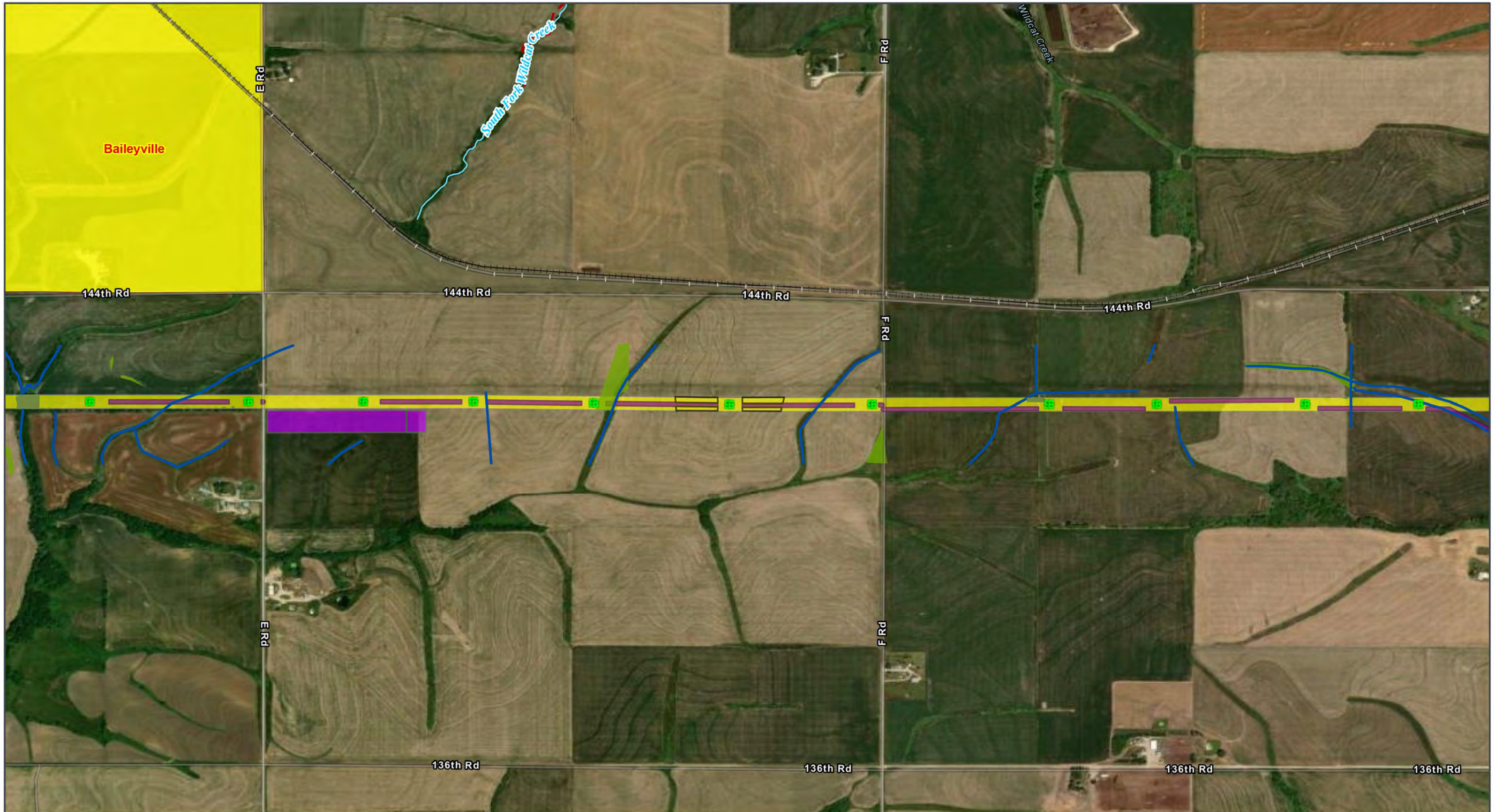
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online,
accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k





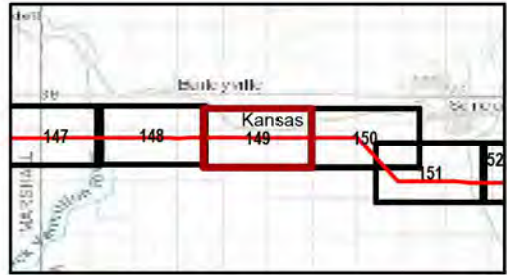
GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
Wetlands Map Book
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- Municipal Boundary Near the Project
- ROW
- Permanent Project Component**
- Transmission Structure
- Habitat Conversion**
- Vegetation Clearing

- Temporary Project Component**
- Access Road
- Helipad / Fly Yard
- Pull Site/Tension Site
- Hydrology**
- Delineated Stream

- NHD Stream/River
- Impaired Waterway (303d)
- Delineated Wetland**
- Palustrine Emergent (PEM)
- Transportation**
- Railroad

All disturbance areas are likely an over-estimation of direct impacts and based on assumptions presented in the Chapter 2 disturbance model (Table 2-1). These impact areas will be refined and finalized once field surveys are complete and avoidance and/or mitigation measures are implemented



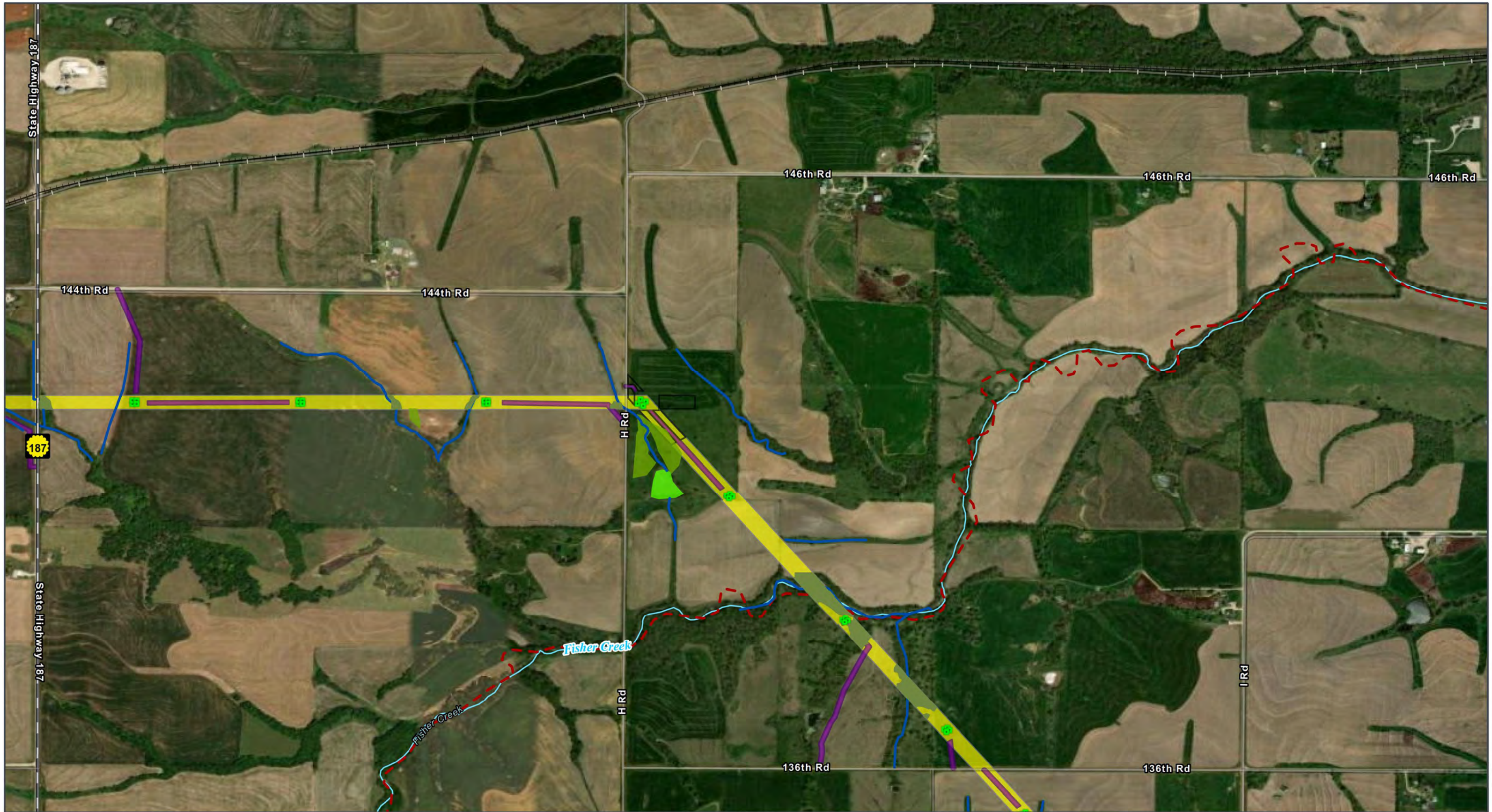
Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k

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0 400 800 Feet
0 100 200 Meters

Kansas and Missouri



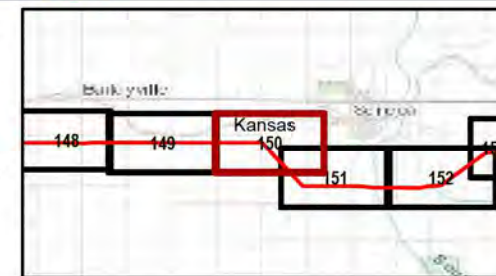
GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT

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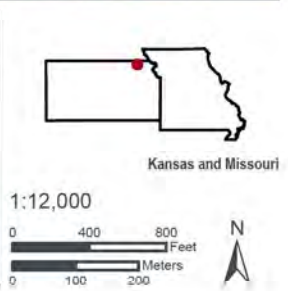
- | | | |
|------------------------------------|---------------------------|--|
| ROW | Pull Site/Tension Site | Palustrine Unconsolidated Bottom (PUB) |
| Permanent Project Component | Hydrology | Transportation |
| Transmission Structure | Delineated Stream | State Highway |
| Habitat Conversion | NHD Stream/River | Railroad |
| Vegetation Clearing | Impaired Waterway (303d) | |
| Temporary Project Component | Delineated Wetland | |
| Access Road | Palustrine Emergent (PEM) | |

All disturbance areas are likely an over-estimation of direct impacts and based on assumptions presented in the Chapter 2 disturbance model (Table 2-1). These impact areas will be refined and finalized once field surveys are complete and avoidance and/or mitigation measures are implemented



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

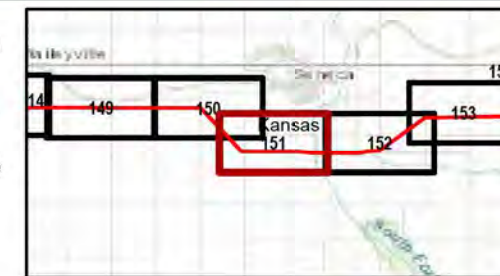
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Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k





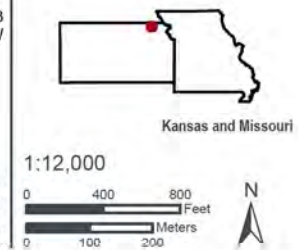
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|------------------------------------|------------------------------------|--|
| ROW | Temporary Project Component | Impaired Waterway (303d) |
| Permanent Project Component | Access Road | Delineated Wetland |
| Transmission Structure | Pull Site/Tension Site | Palustrine Emergent (PEM) |
| Habitat Conversion | Hydrology | Palustrine Unconsolidated Bottom (PUB) |
| Vegetation Clearing | Delineated Stream | Delineated Waterbody |
| | NHD Stream/River | |

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

Base Map: Esri ArcGIS Online,
accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k

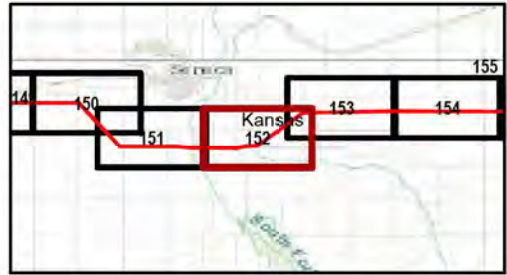




GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
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- | | | |
|------------------------------------|---------------------------|--|
| ROW | Pull Site/Tension Site | Palustrine Forested (PFO) |
| Permanent Project Component | Hydrology | Palustrine Unconsolidated Bottom (PUB) |
| Transmission Structure | Delineated Stream | Transportation |
| Habitat Conversion | NHD Stream/River | State Highway |
| Vegetation Clearing | Impaired Waterway (303d) | |
| Temporary Project Component | Delineated Wetland | |
| Access Road | Palustrine Emergent (PEM) | |

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

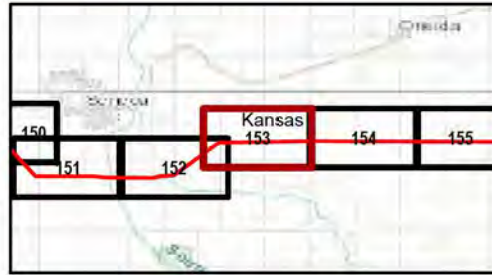
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Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k



- | | | |
|---|--|---|
| <ul style="list-style-type: none"> ROW Permanent Project Component Transmission Structure Habitat Conversion Vegetation Clearing | <ul style="list-style-type: none"> Temporary Project Component Access Road Helipad / Fly Yard Pull Site/Tension Site | <ul style="list-style-type: none"> Hydrology Delineated Stream Delineated Wetland Palustrine Emergent (PEM) Palustrine Unconsolidated Bottom (PUB) |
|---|--|---|

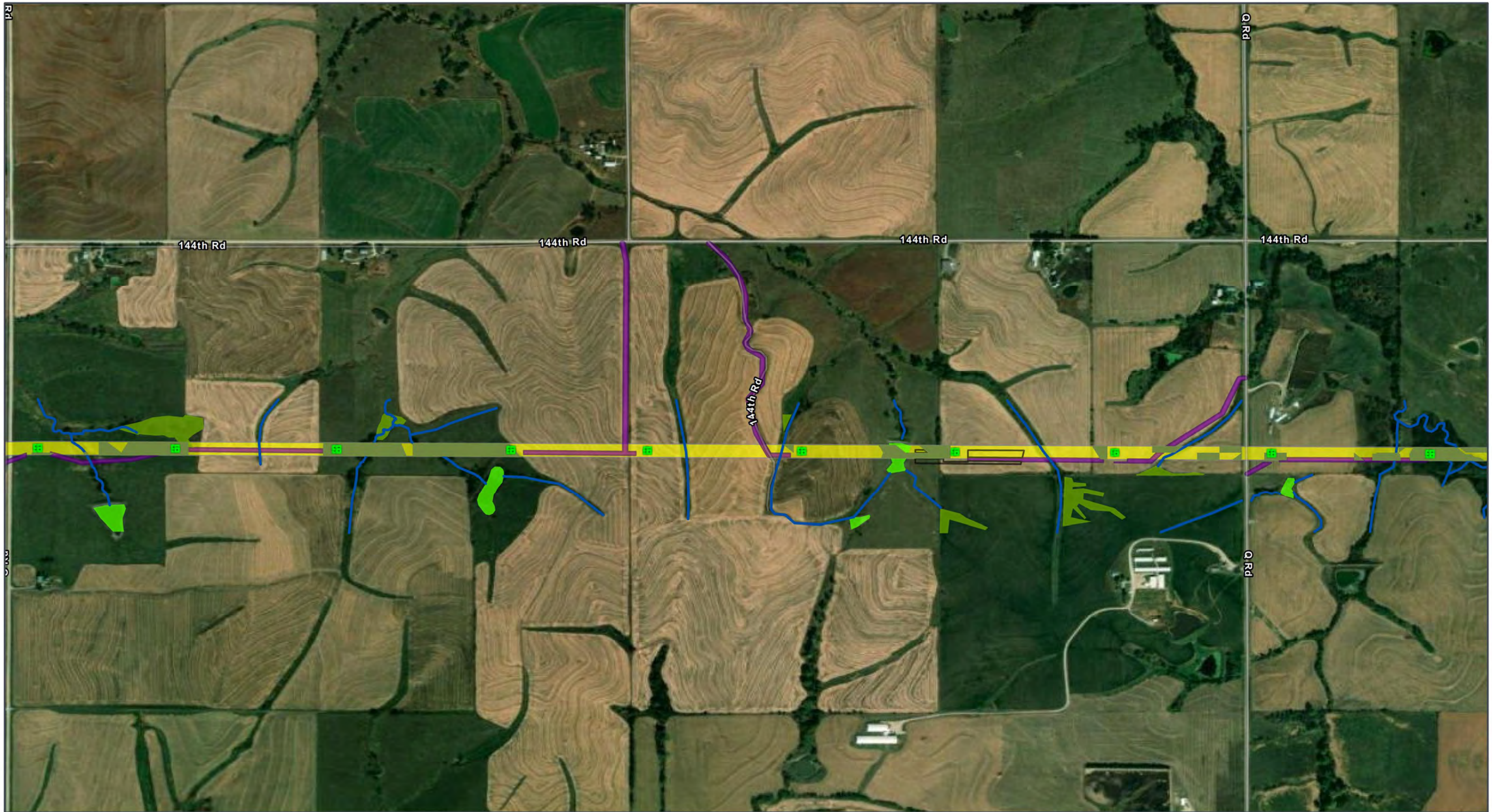
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

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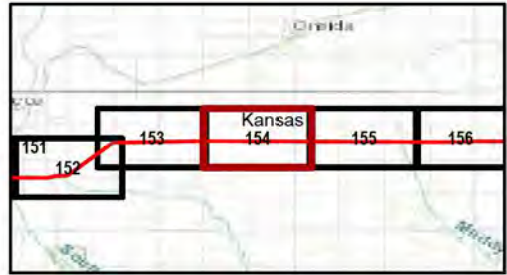
Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k



- ROW
- Permanent Project Component**
- Transmission Structure
- Habitat Conversion**
- Vegetation Clearing
- Temporary Project Component**
- Access Road
- Pull Site/Tension Site
- Hydrology**
- Delineated Stream

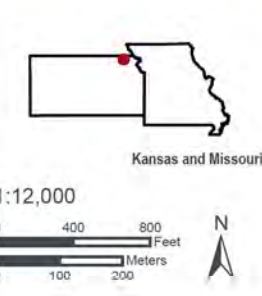
- Delineated Wetland**
- Palustrine Emergent (PEM)
- Palustrine Unconsolidated Bottom (PUB)

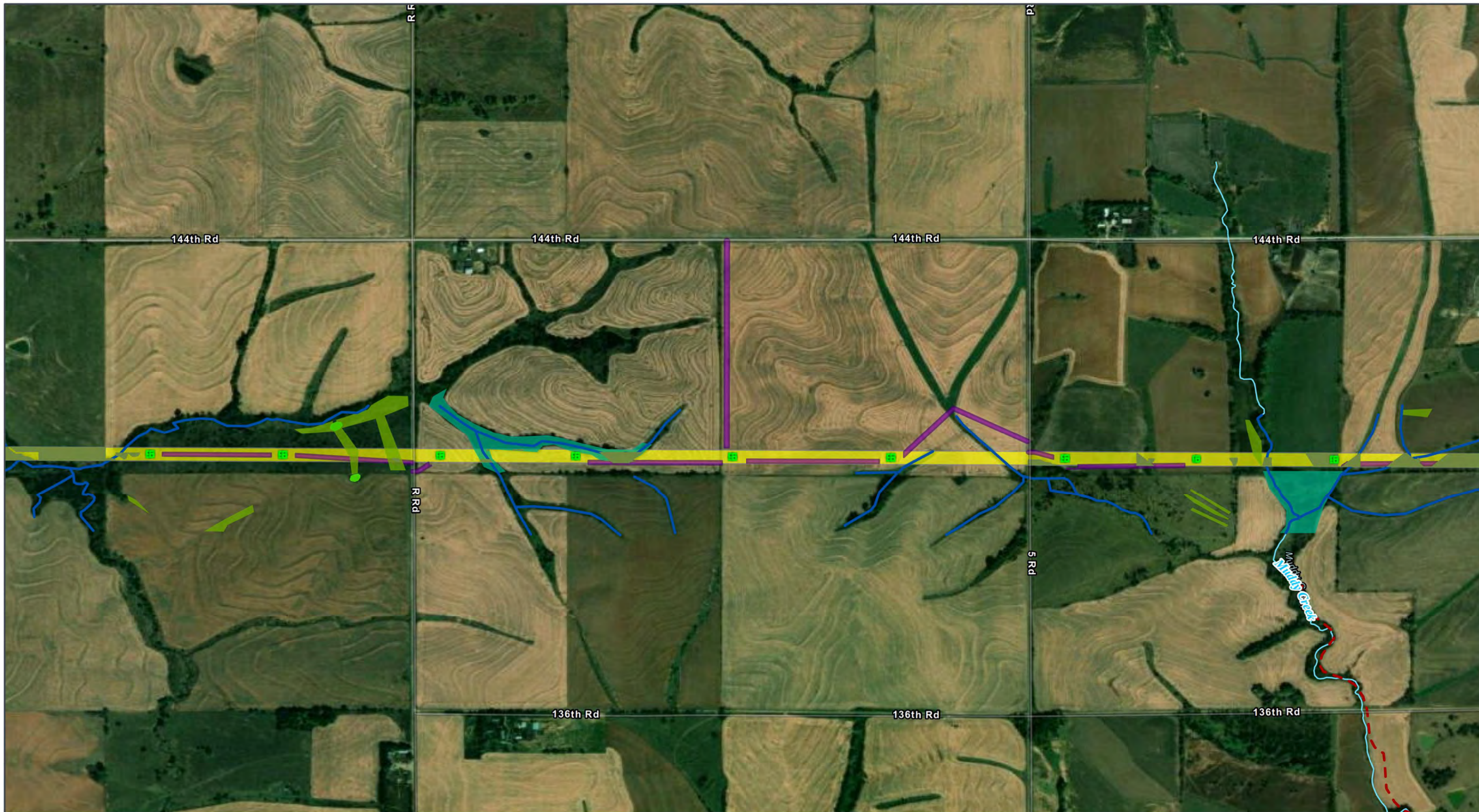
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online,
accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
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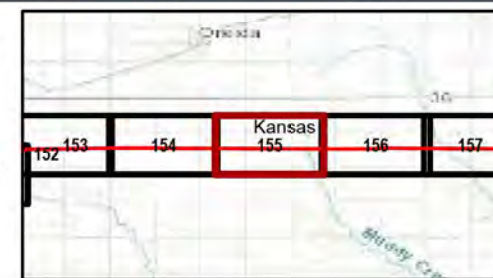




- | | |
|------------------------------------|------------------------------------|
| ROW | Temporary Project Component |
| Permanent Project Component | Access Road |
| Transmission Structure | Hydrology |
| Habitat Conversion | Delineated Stream |
| Vegetation Clearing | NHD Stream/River |
| | Impaired Waterway (303d) |

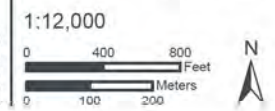
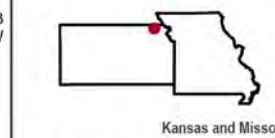
- Delineated Wetland**
- Palustrine Emergent (PEM)
 - Palustrine Forested (PFO)
 - Palustrine Unconsolidated Bottom (PUB)

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

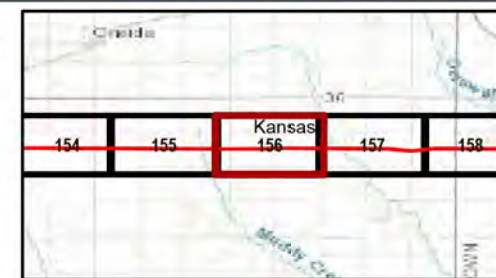
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accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k



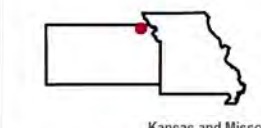
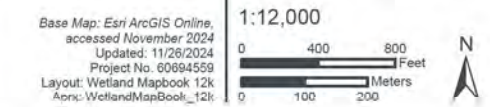


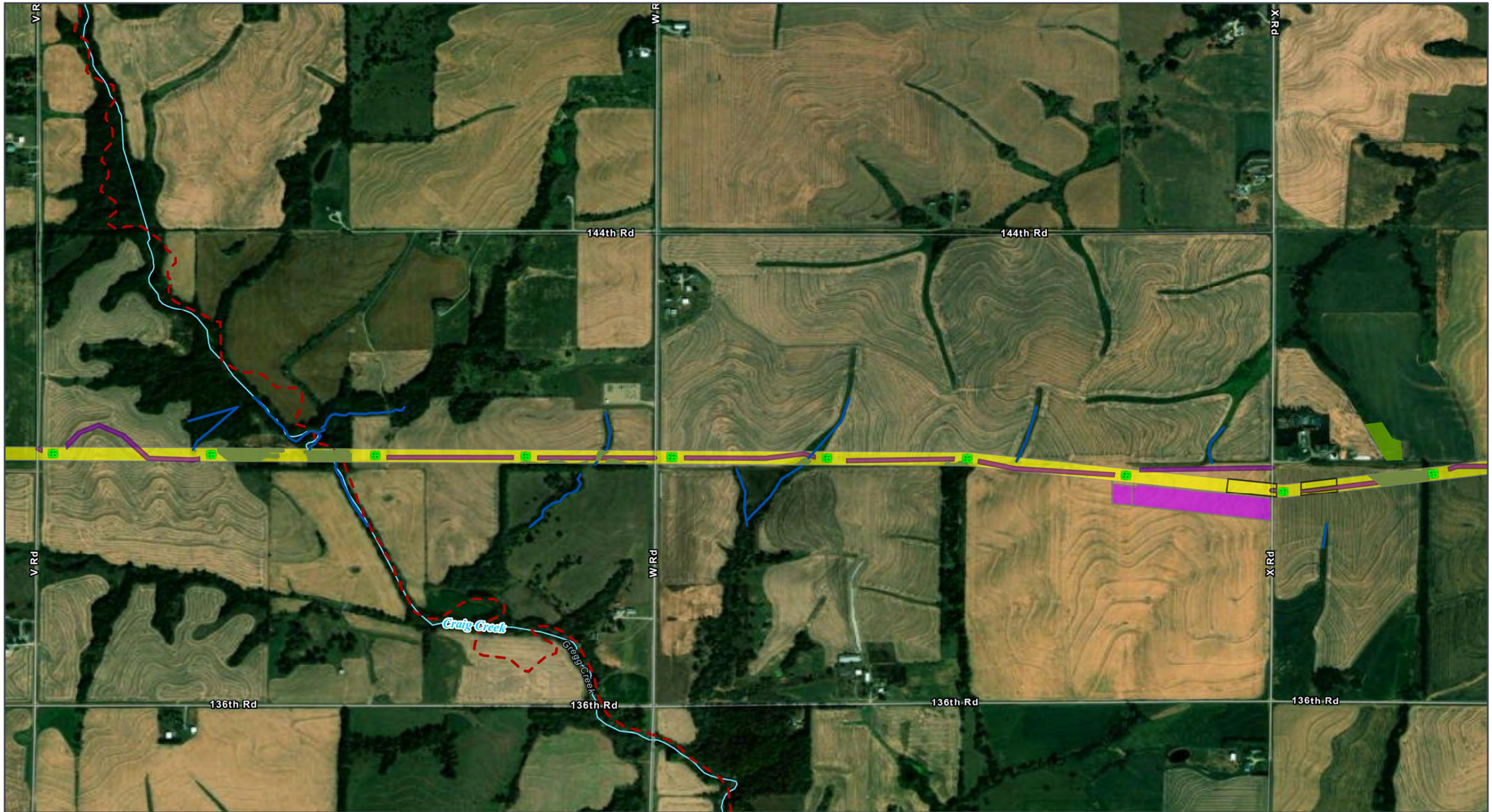
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|---|--|--|
| <p>ROW</p> <p>Permanent Project Component</p> <ul style="list-style-type: none"> ■ Transmission Structure <p>Habitat Conversion</p> <ul style="list-style-type: none"> ■ Vegetation Clearing | <p>Temporary Project Component</p> <ul style="list-style-type: none"> ■ Access Road Pull Site/Tension Site <p>Hydrology</p> <ul style="list-style-type: none"> — Delineated Stream — NHD Stream/River | <ul style="list-style-type: none"> - - - Impaired Waterway (303d) <p>Delineated Wetland</p> <ul style="list-style-type: none"> ■ Palustrine Emergent (PEM) ■ Palustrine Forested (PFO) ■ Palustrine Unconsolidated Bottom (PUB) |
|---|--|--|

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





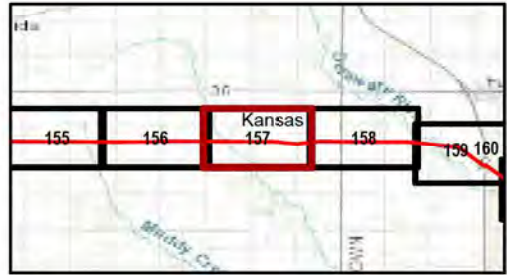
GRAIN BELT EXPRESS
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- ROW
- Permanent Project Component**
- Transmission Structure
- Habitat Conversion**
- Vegetation Clearing

- Temporary Project Component**
- Access Road
- Helipad / Fly Yard
- Pull Site/Tension Site
- Hydrology**
- Delineated Stream

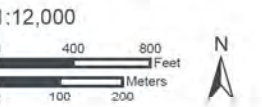
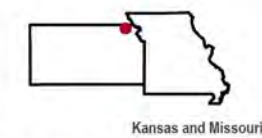
- NHD Stream/River
- Impaired Waterway (303d)
- Delineated Wetland**
- Palustrine Emergent (PEM)

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

Base Map: Esri ArcGIS Online,
accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k

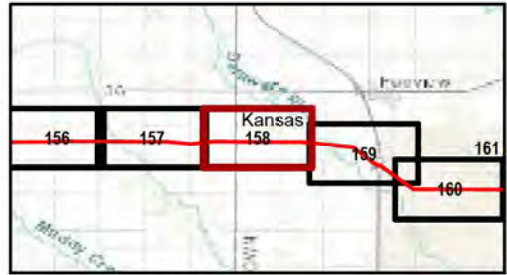




GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
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- | | | |
|------------------------------------|------------------------------------|--|
| ROW | Temporary Project Component | Impaired Waterway (303d) |
| Permanent Project Component | Access Road | Delineated Wetland |
| Transmission Structure | Hydrology | Palustrine Emergent (PEM) |
| Habitat Conversion | Delineated Stream | Palustrine Unconsolidated Bottom (PUB) |
| Vegetation Clearing | NHD Stream/River | |

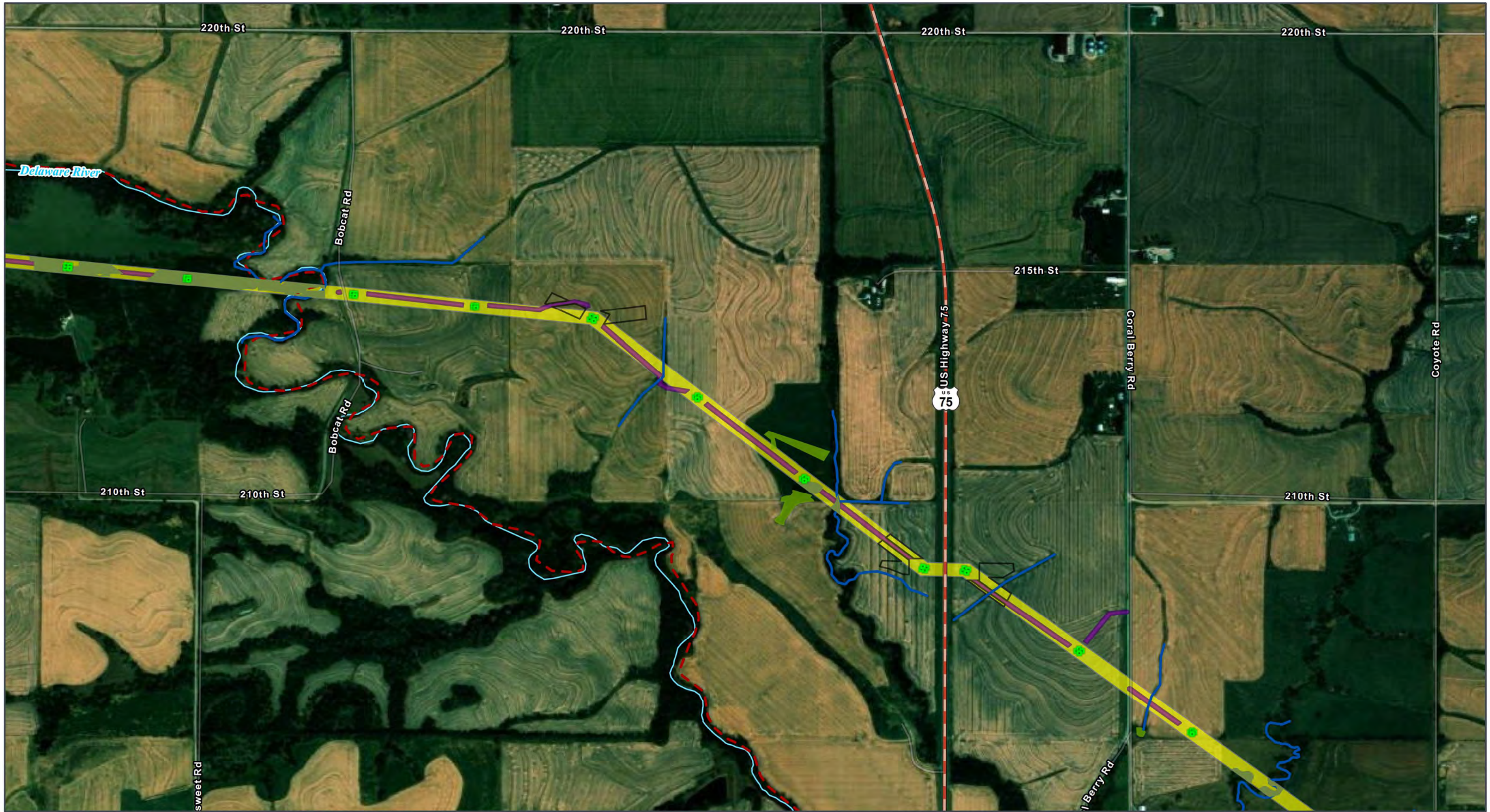
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

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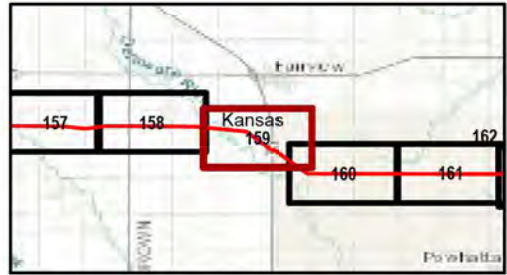
Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k



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TRANSMISSION LINE PROJECT
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- | | | |
|------------------------------------|------------------------------------|---------------------------|
| ROW | Temporary Project Component | Impaired Waterway (303d) |
| Permanent Project Component | Access Road | Delineated Wetland |
| Transmission Structure | Pull Site/Tension Site | Palustrine Emergent (PEM) |
| Habitat Conversion | Hydrology | Transportation |
| Vegetation Clearing | Delineated Stream | U.S. Highway |
| | NHD Stream/River | |

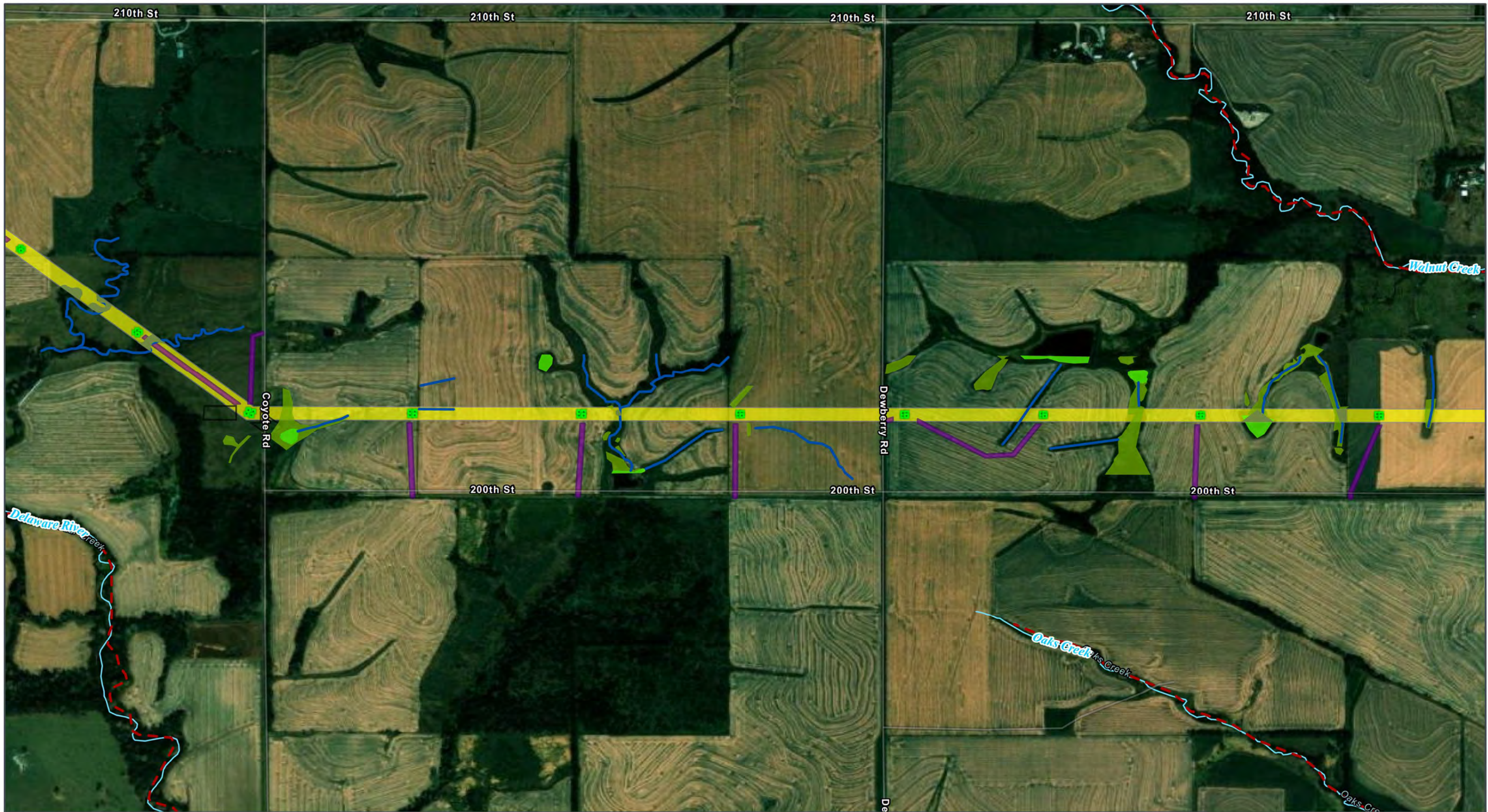
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k

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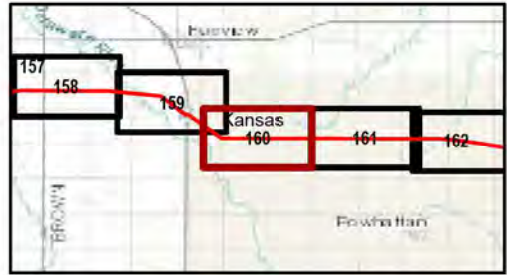
GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
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- ROW
- Permanent Project Component**
- Transmission Structure
- Habitat Conversion**
- Vegetation Clearing

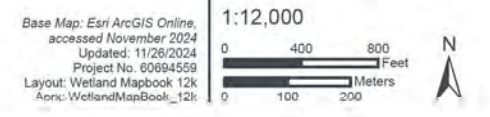
- Temporary Project Component**
- Access Road
- Pull Site/Tension Site
- Hydrology**
- Delineated Stream

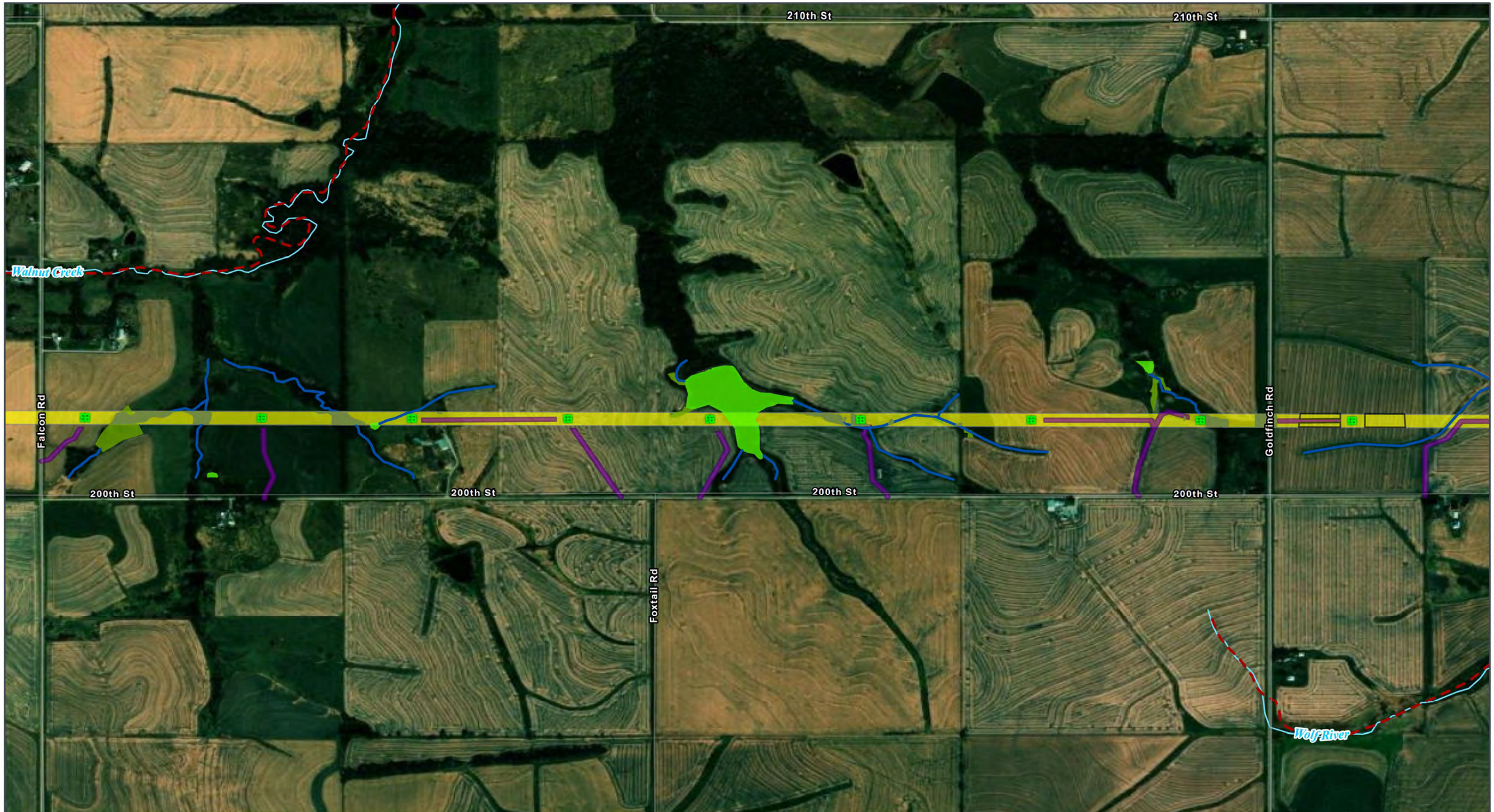
- NHD Stream/River
- Impaired Waterway (303d)
- Delineated Wetland**
- Palustrine Emergent (PEM)
- Palustrine Unconsolidated Bottom (PUB)

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

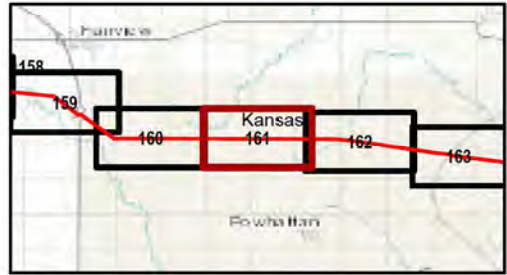




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- | | | |
|---|---|---|
| <ul style="list-style-type: none"> ROW Permanent Project Component Transmission Structure Habitat Conversion Vegetation Clearing | <ul style="list-style-type: none"> Temporary Project Component Access Road Pull Site/Tension Site Hydrology Delineated Stream | <ul style="list-style-type: none"> NHD Stream/River Impaired Waterway (303d) Delineated Wetland Palustrine Emergent (PEM) Palustrine Unconsolidated Bottom (PUB) |
|---|---|---|

All disturbance areas are likely an over-estimation of direct impacts and based on assumptions presented in the Chapter 2 disturbance model (Table 2-1). These impact areas will be refined and finalized once field surveys are complete and avoidance and/or mitigation measures are implemented

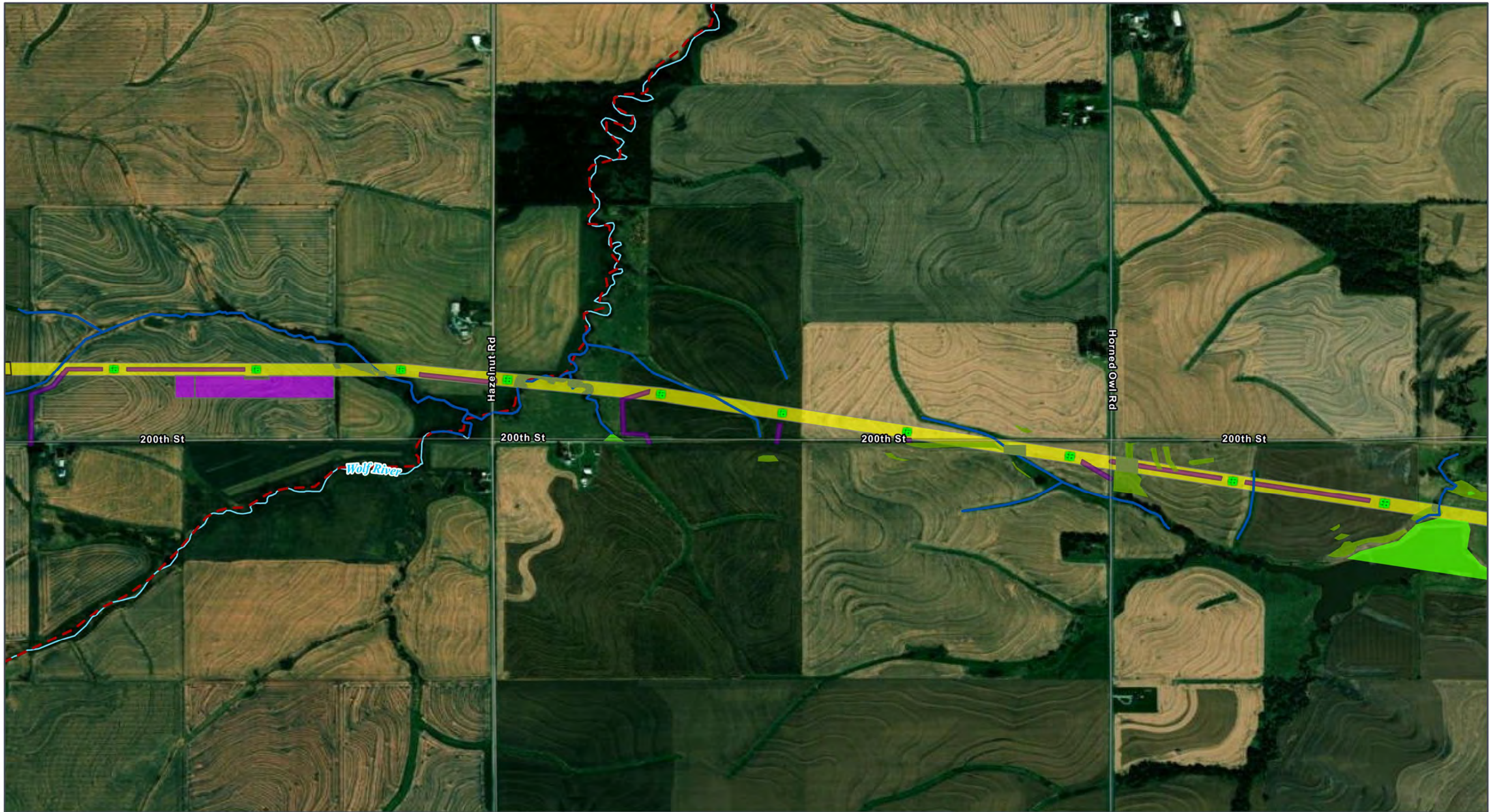


Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

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Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k

Kansas and Missouri



ROW

Permanent Project Component

Transmission Structure

Habitat Conversion

Vegetation Clearing

Temporary Project Component

Access Road

Helipad / Fly Yard

Pull Site/Tension Site

Hydrology

Delineated Stream

NHD Stream/River

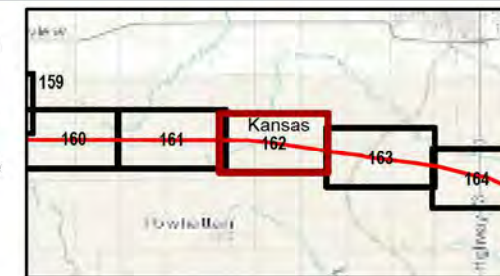
Impaired Waterway (303d)

Delineated Wetland

Palustrine Emergent (PEM)

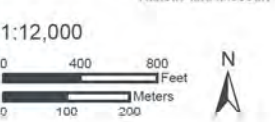
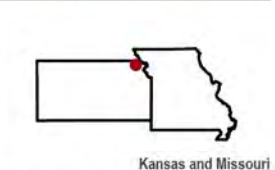
Palustrine Unconsolidated Bottom (PUB)

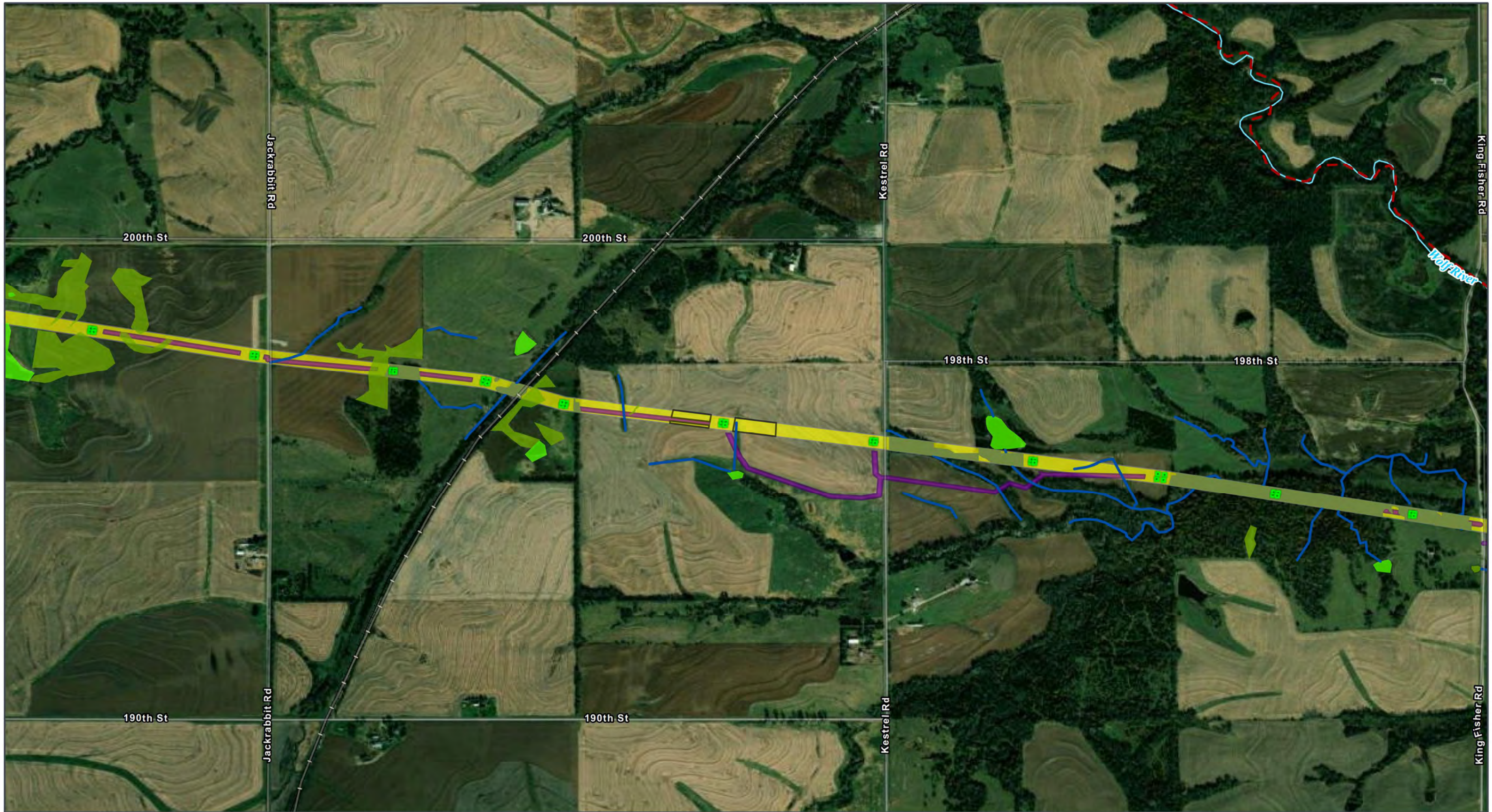
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Kansas and Missouri
GCS North American 1983
38.3365°N 95.5783°W

Base Map: Esri ArcGIS Online,
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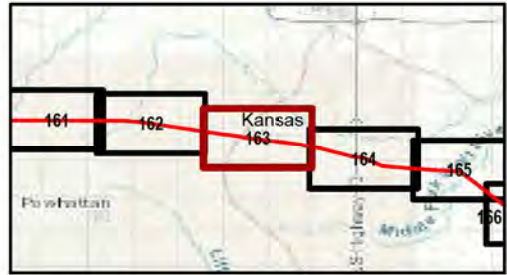
GRAIN BELT EXPRESS
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- ROW
- Permanent Project Component**
- Transmission Structure
- Habitat Conversion**
- Vegetation Clearing

- Temporary Project Component**
- Access Road
- Pull Site/Tension Site
- Hydrology**
- Delineated Stream
- NHD Stream/River

- Impaired Waterway (303d)
- Delineated Wetland**
- Palustrine Emergent (PEM)
- Palustrine Unconsolidated Bottom (PUB)
- Transportation**
- Railroad

All disturbance areas are likely an over-estimation of direct impacts and based on assumptions presented in the Chapter 2 disturbance model (Table 2-1). These impact areas will be refined and finalized once field surveys are complete and avoidance and/or mitigation measures are implemented



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

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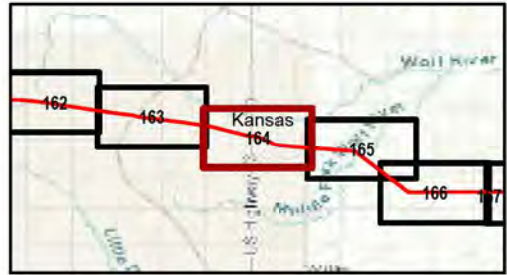
Base Map: Esri ArcGIS Online, accessed November 2024
Updated: 11/26/2024
Project No. 60694559
Layout: Wetland Mapbook 12k
App: WetlandMapBook_12k



GRAIN BELT EXPRESS
TRANSMISSION LINE PROJECT
Wetlands Map Book
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|------------------------------------|------------------------------|--|
| ROW | Pull Site/Tension Site | Palustrine Emergent (PEM) |
| Permanent Project Component | Hydrology | Palustrine Unconsolidated Bottom (PUB) |
| Transmission Structure | Delineated Stream | Transportation |
| Habitat Conversion | NHD Stream/River | U.S. Highway |
| Vegetation Clearing | Impaired Waterway (303d) | |
| Temporary Project Component | Delineated Wetland | |
| Access Road | Palustrine Aquatic Bed (PAB) | |

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0 400 800 Feet
0 100 200 Meters

Kansas and Missouri