

Missouri Public Service Commission
Data Request

Data Request No.: 0003
Company Name: Grain Belt Express, LLC
Case/Tracking No.: EC-2025-0136
Date Requested: 11/6/2024
Issue: General Information & Miscellaneous - Other General Info & Misc.
Requested From: Nicole T. Luckey
Requested By: Andrea Hansen
Brief Description: Engineering Requirements

Description: List each specific engineering requirement that Grain Belt considered during the routing process for the Tiger Connector line segments that directly affect Cheri Meadows' property and the neighboring parcels. For the purposes of this data request "directly affecting" means if a permanent easement or other permanent property interest would be obtained over all or any portion of the land or if the land contains a habitable structure that would be within three hundred (300) feet of the centerline of an electric transmission line.

Due Date: 11/26/2024

RESPONSE:

When developing the Tiger Connector route through the area, the Routing Team was constrained by the properties to the west and south of Ms. Meadows. Immediately to the west of Ms. Meadows are multiple residences and agricultural buildings on the east side of County Road 232. These structures limit Grain Belt Express' ability to enter the parcel south of Ms. Meadows, across County Road 260, in a manner that would avoid Ms. Meadows' property without placing the line closer to another home than the line currently is to Ms. Meadows' house. Avoiding both the structures on County Road 231 and Ms. Meadows' property would involve placing a turning structure on the property immediately to the west. However, this property appears to be in agricultural use, and general routing practice is to avoid, when possible, placing turning structures in the middle of agricultural fields. Placing a structure there may also lead to increased tree clearing, and though this would move the line from Ms. Meadows' property, it would also require impacting a new landowner and potentially take the line closer than is preferable to a pond on that landowner's property.

Farther south from Ms. Meadows' property, Grain Belt Express is constrained by the need to enter the points of interconnect (AECI and MISO substations) from the north. In this area, the general alignment of the route attempts to support this goal while minimizing agricultural impacts and tree clearing and maximizing residential distance.

For a representation of routing constraints on Ms. Meadows' and neighboring parcels, please see the aerial map attached hereto as **Attachment A**.

VERIFICATION OF RESPONSE

The response provided to the foregoing Data Request has been collected from various sources at Grain Belt Express, LLC and affiliated companies, and are true and accurate to the best of my knowledge and belief.

Signed: /s/ Kevin Chandler
Director of Transmission Business Development
Invenergy, LLC

MTC Route

Route after micrositing

Staff DR 0003
Attachment A

Legend

 Cheri Meadows Parcels

 Nearby Buildings

 Pond

 Structure

 Tiger Connector Centerline

 Tiger Connector ROW

