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# Memorandum

**Date:** 8/13/2019  
**To:** North Dakota Public Service Commission  
**Copy to:** Mike Stahly, Cenex Pipeline, LLC  
**From:** Grady Wolf - KLJ  
**RE:** Cenex Pipeline, LLC. Liquid Petroleum Pipeline  
Addendum to Certificate of Corridor Compatibility and Route Permit  
Case No. PU-17-97

## Remarks

### **INTRODUCTION:**

Cenex submitted a consolidated application for a Certificate of Corridor Compatibility and a Route Permit to the ND Public Service Commission (PSC) in March 2017 for the 149.7 miles of pipeline that would occur in ND. The ND PSC issued a Findings of Fact, Conclusions of Law and Order (Order) for the project (Case No. PU-17-97) on March 14, 2018, and as subsequently amended on September 26, 2018. Two areas occurring within the project's approved route raised constructability concerns and reroutes are being requested. The extents of the proposed in-corridor reroutes are described below, and are depicted on the attached maps.

A reroute is being proposed to shift a portion of the route located in Sections 22 and 27, Township 155N, Range 94W, in Mountrail County, North Dakota, to the east and north, moving the pipeline further away from an existing oil and gas pipeline in the vicinity.

To avoid impacts to a physical encumbrance (county road) in Section 32, Township 155N, Range 88W, in Mountrail County, North Dakota, a reroute is being proposed to extend the pipeline routing to the south to a Point of Intersection (PI) that would return to the existing alignment. The reroute would avoid the encumbrance and remain within the study corridor. This reroute will incorporate a previously identified HDD under a section line road moving the bore location and PI further south.

### **ANALYSIS:**

The purpose of this analysis is to document changes to potential impacts of avoidance and exclusion areas and additional resources that may be impacted by the proposed pipeline reroutes not previously contained within the PSC applications. The proposed reroutes occur within the previously surveyed and approved 200-foot wide corridor.

The PSC regulations include the following criteria as exclusion areas for transmission facility corridors and route criteria:

- Designated or registered national: parks; memorial parks; historic sites and landmarks; natural landmarks; monuments; and wilderness areas;



- Designated or registered state: parks; historic sites; monuments; historical markers; archeological sites; and nature preserves.
- County parks and recreation areas; municipal parks; and parks owned or administered by other governmental subdivisions.
- Areas critical to the life stages of threatened & endangered animal or plant species.
- Areas where animal or plant species that are unique or rare to this state would be irreversibly damaged.
- Areas within 1,200 feet of the geographic center of an intercontinental ballistic missile (ICBM) launch or launch control facility.
- Areas within 30 feet on each side of a direct line between intercontinental ballistic missile (ICBM) launch or launch control facilities to avoid microwave interference.

The PSC regulations include the following criteria as avoidance areas for transmission facility corridors and route criteria:

- Designated or registered national: historic districts; wildlife areas; wild, scenic, or recreational rivers; wildlife refuges; and grasslands.
- Designated or registered state: wild, scenic, or recreational rivers; game refuges; game management areas; management areas; forests; forest management lands; and grasslands.
- Historical resources which are not specifically designated as exclusion or avoidance areas.
- Areas which are geologically unstable.
- Within five hundred feet (152.4 meters) of a residence, school, or place of business. This criterion shall not apply to a water pipeline transmission facility.
- Reservoirs and municipal water supplies.
- Water sources for organized rural water districts.
- Irrigated land. This criterion shall not apply to an underground transmission facility.
- Areas of recreational significance which are not designated as exclusion areas.

Avoidance and exclusion areas were identified through available data via coordination with resource agencies and through state and agency Geographical Information System (GIS) data hubs. In addition to GIS digital and agency provided data, environmental staff from KLJ completed additional field inspections of the proposed project areas during the 2016-2017 field season.

The following resources were analyzed as part of the reroutes.

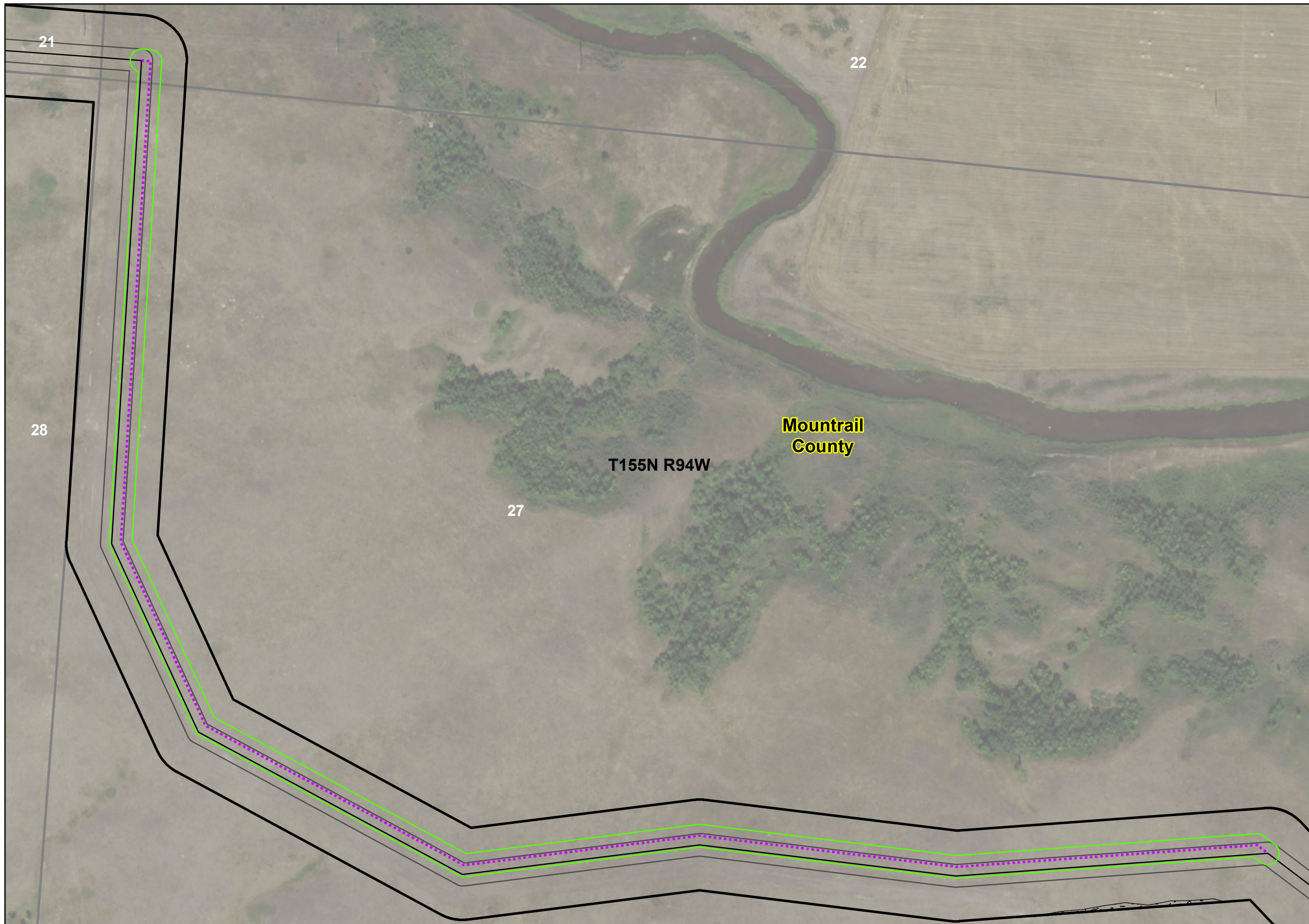
- Demography and Economy
- Land Use
- Public Services – Electrical and Local Services, Roads and Traffic, Telephone, Radio, Antenna, Communication, and Microwave Structures, and Water Supply
- Human Health and Safety – Hazardous Materials/Hazardous Waste, Security, and Noise



- Aesthetics
- Wetlands
- Cultural and Archaeological Resources
- Recreational Resources
- Agriculture and Farmland
- Soils
- Geologic and Groundwater Resources
- Wildlife
- Rare and Unique Natural Resources

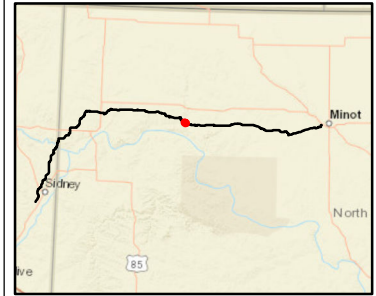
**CONCLUSION:**

Analysis of the reroutes did not identify any significant changes when compared to the analysis discussion included in the February 2017 Consolidated Application for a Certificate of Corridor Compatibility and Route Permit applications. No additional exclusion or avoidance areas were identified along the proposed reroutes, and therefore the route adjustment is not anticipated to result in any additional impacts than those previously filed with the PSC.



**Cenex Pipeline, LLC  
Refined Fuels Pipeline**

**Route Changes  
Within Corridor**



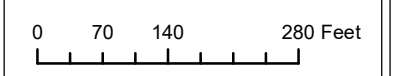
**Re-Route  
FCN ES044**

**Legend**

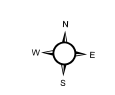
- Sections
- Proposed 50ft ROW
- 50FT ROW
- PSC Corridor
- PSC Route
- Proposed Trench
- Historical Landslide Area

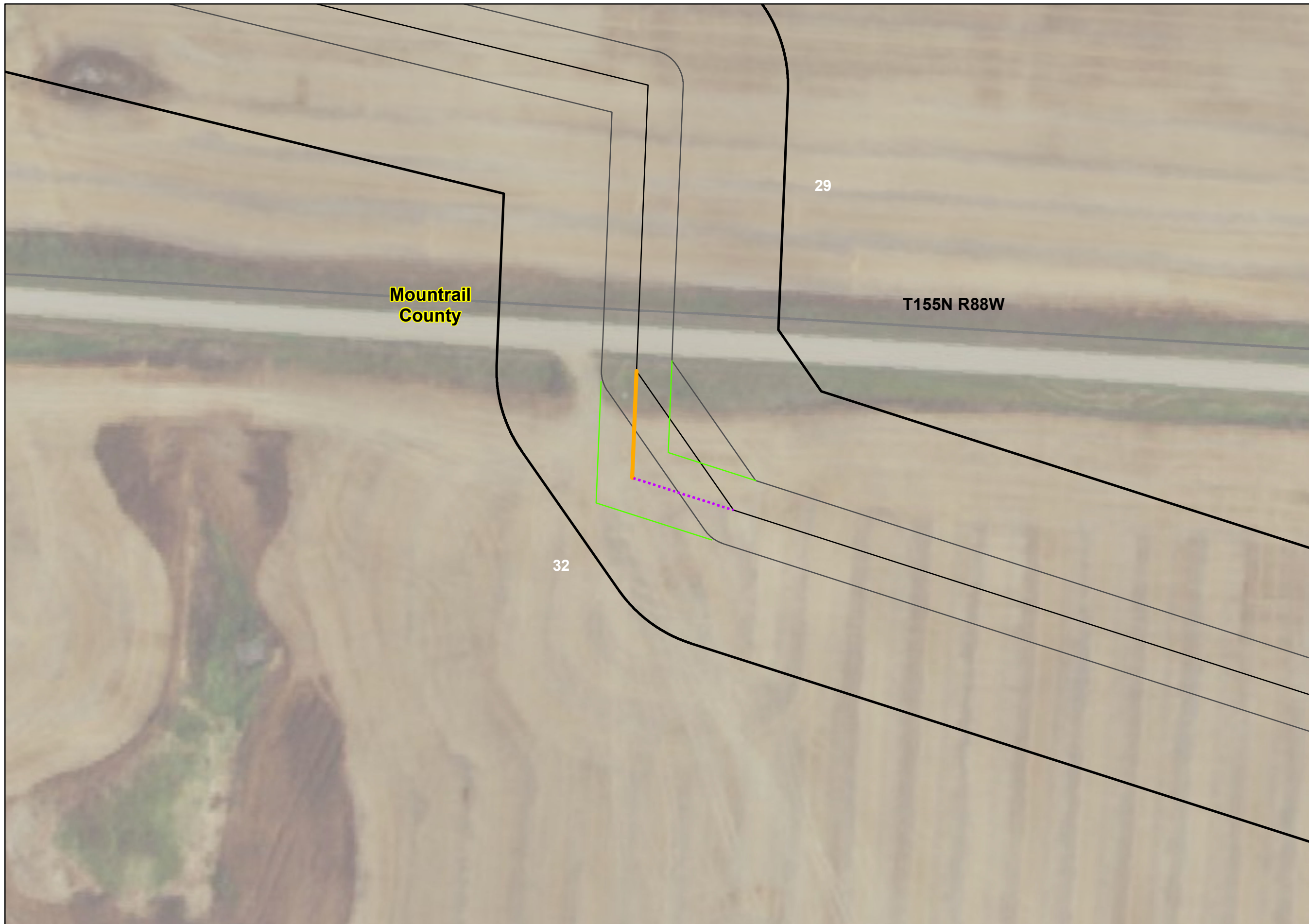
Re-Route Length: 3970 FT

**Exhibit 2**



**Exclusion & Avoidance**





**Cenex Pipeline, LLC  
Refined Fuels Pipeline**

**Route Changes  
Within Corridor**

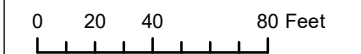


**Re-Route  
FCN ES072**

- Legend**
- Sections
  - Proposed 50ft ROW
  - 50FT ROW
  - PSC Corridor
  - PSC Route
  - Proposed Trench
  - Proposed Bore

Re-Route Length: 152 FT

**Exhibit 3**



**Exclusion & Avoidance**

