

CHATEAU ROAD MEDORA, ND

**Multi Agency Success on Chateau Road Reconstruction
Balancing Historic Preservation, Tourism, and Transportation Needs**

INTRODUCTIONS



ADAM MCGILL, PE
Project Manager



Brigid Gombold
NEPA Lead



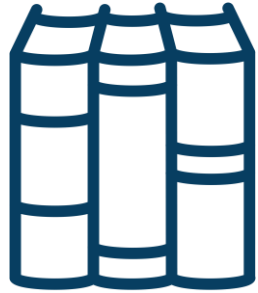
NORTH
Dakota | Transportation
Engineering



PRESENTATION OUTLINE



Location



**Historical
Context**



**Project Needs
and Planning**

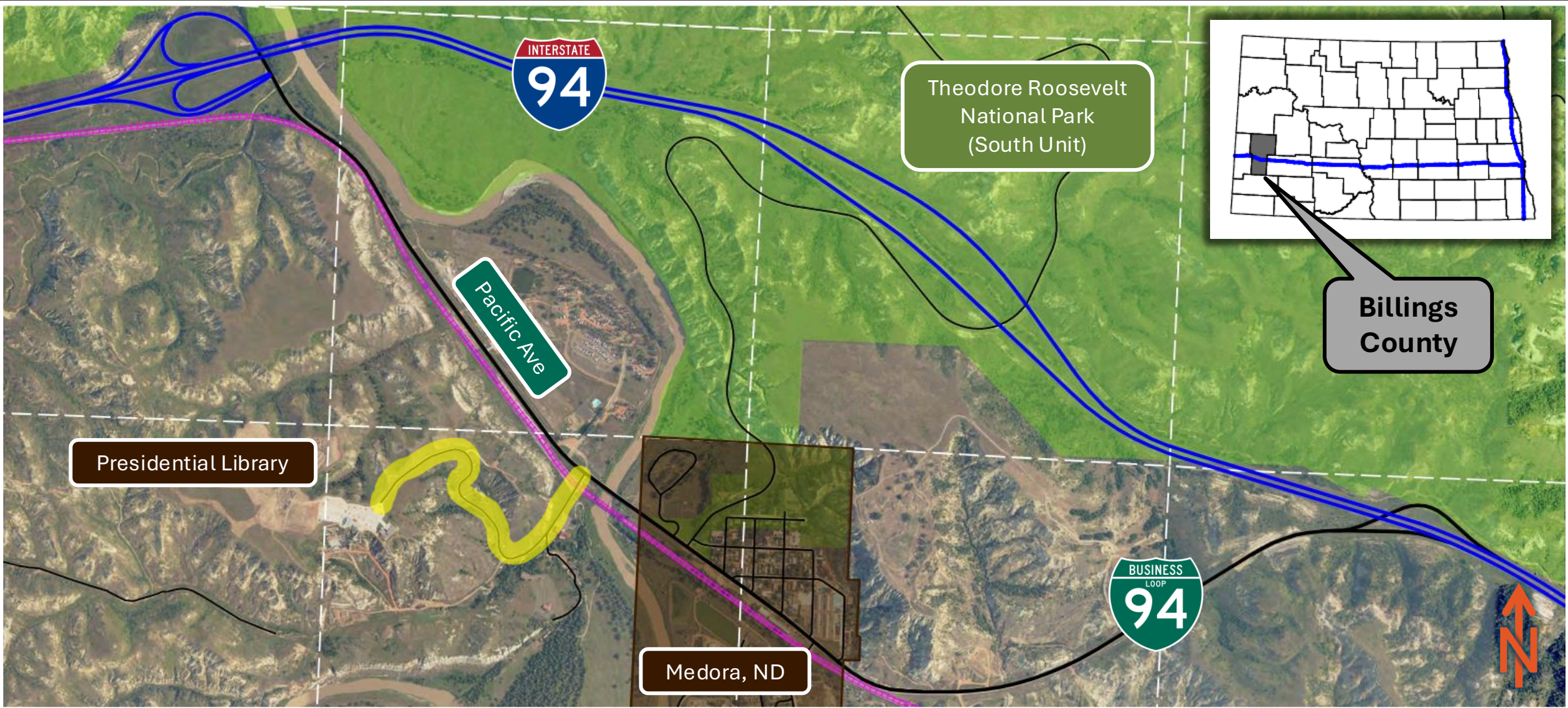


**Agency
Coordination**



**Project
Challenges
and Successes**

PROJECT LOCATION





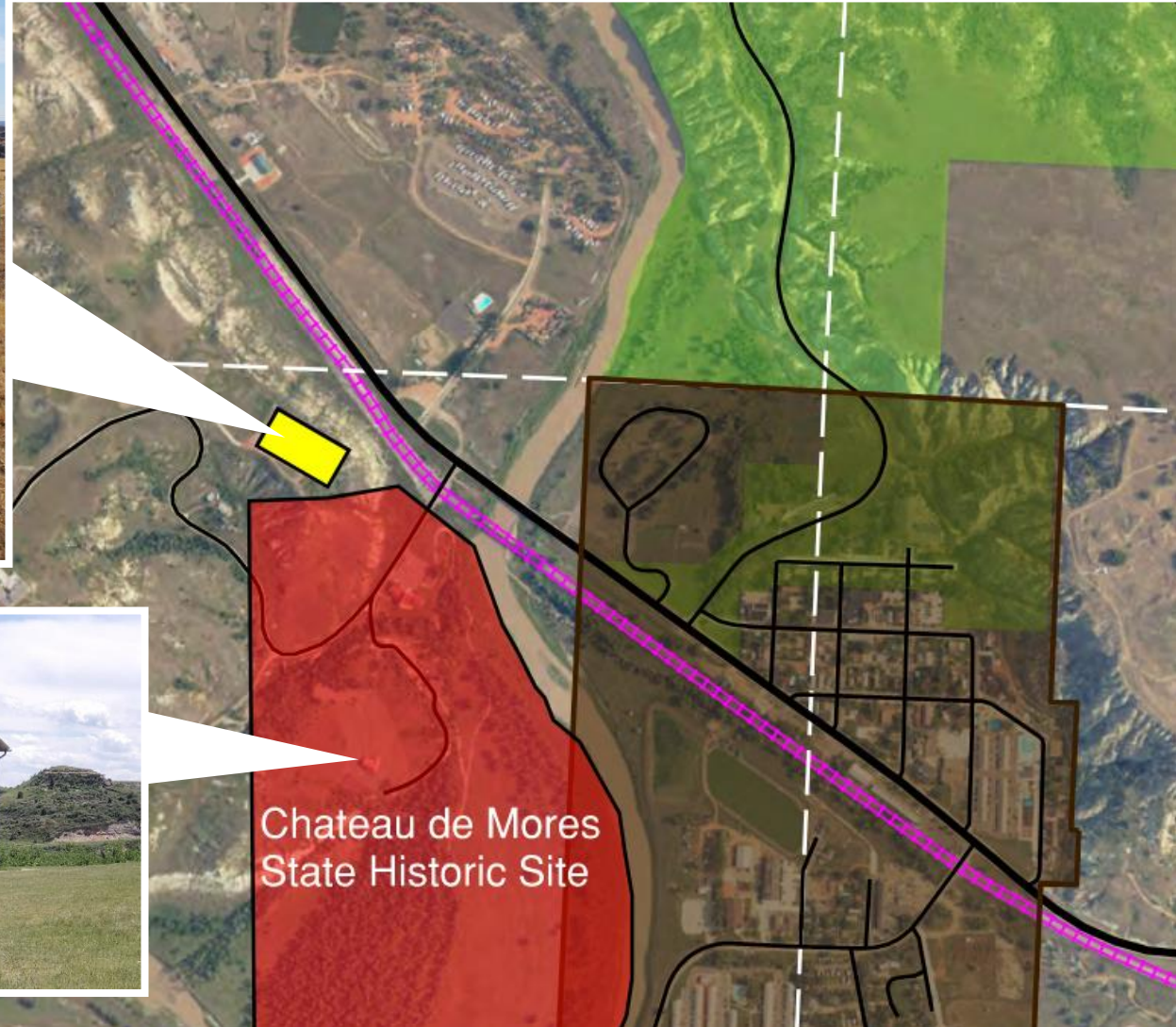
**1883 Medora founded by
Marquis de Mores**





MARQUIS FAMILY HOME

CHALLENGES TO OVERCOME – HISTORIC SITES



Preserving History





**WHAT BRINGS ALL OF THESE
FEATURES TOGETHER?
CHATEAU ROAD**



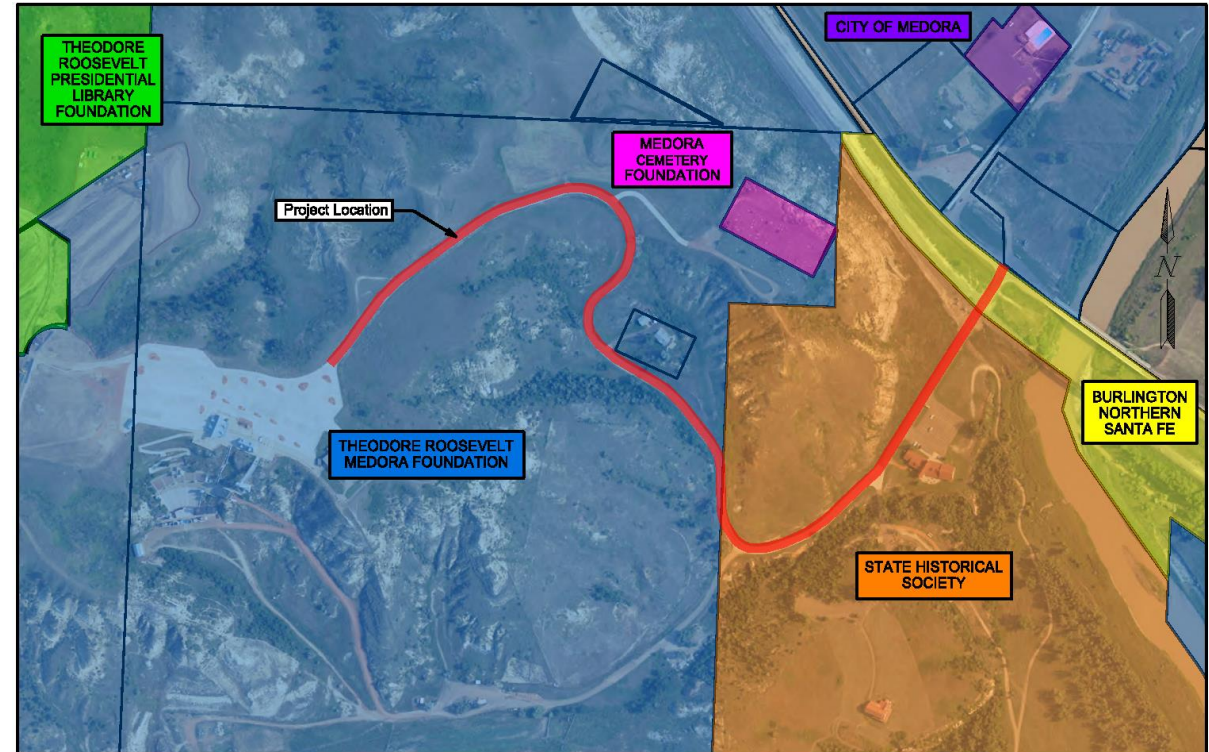


CHATEAU ROAD

STAKEHOLDERS

Landowners

- > State Historical Society of North Dakota (SHSND)
- > Theodore Roosevelt Medora Foundation (TRMF)
- > Medora Cemetery Foundation (MCF)
- > Theodore Roosevelt Presidential Library Foundation (TRPLF)
- > BNSF Railway Company (BNSF)



STAKEHOLDERS

Local

- > Theodore Roosevelt National Park
- > City of Medora
- > Billings County
 - > Highways Department
 - > Sheriff's Office
 - > Emergency Medical Services

Agency

- > Federal Highway Administration (FHWA)
- > State Historic Preservation Office (SHPO)



NORTH DAKOTA DOT IDENTIFIED PROJECT NEEDS

- > Increasing summer traffic volumes
- > Steep slopes
- > Deteriorated pavement
- > Narrow 1-foot shoulders
- > Lacking any pedestrian facilities
- > Congested during summer show times
- > Blocked access for emergency vehicles
- > Year-round access needed for Presidential Library

ALIGNMENT SELECTION

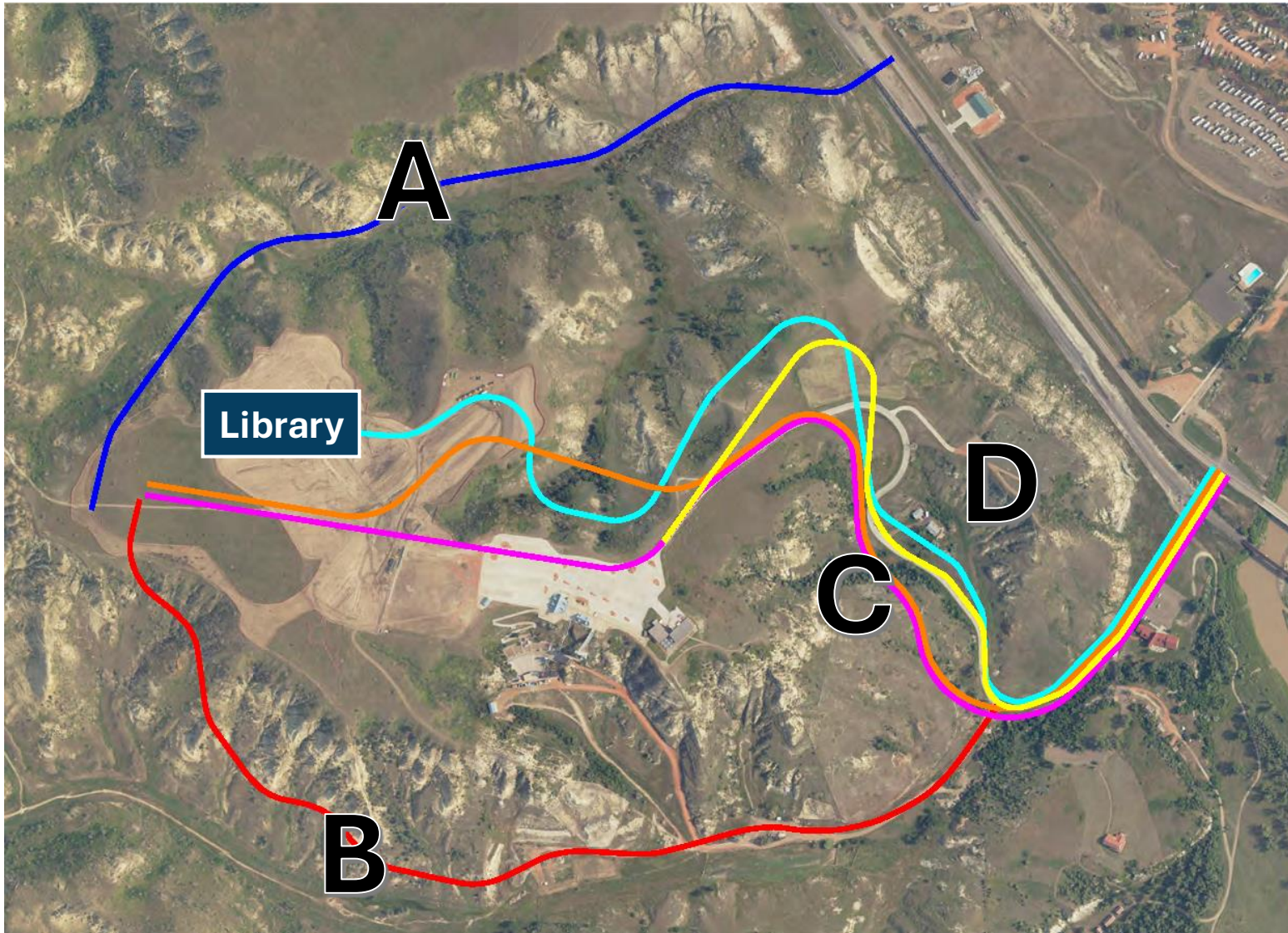


NO ALIGNMENT?

So Many Project Restrictions!!

- > No Selected Alignment
- > Adjacent Cemetery
- > Chateau De Mores State Historic
- > No Existing Public ROW
- > Noise Restrictions
- > Working Time Restrictions
- > Road Closure Restrictions
- > Unstable Geology
- > Railroad to Cross
- > Endangered Species

ALIGNMENT SELECTION



WHAT WOULD YOU CHOOSE?

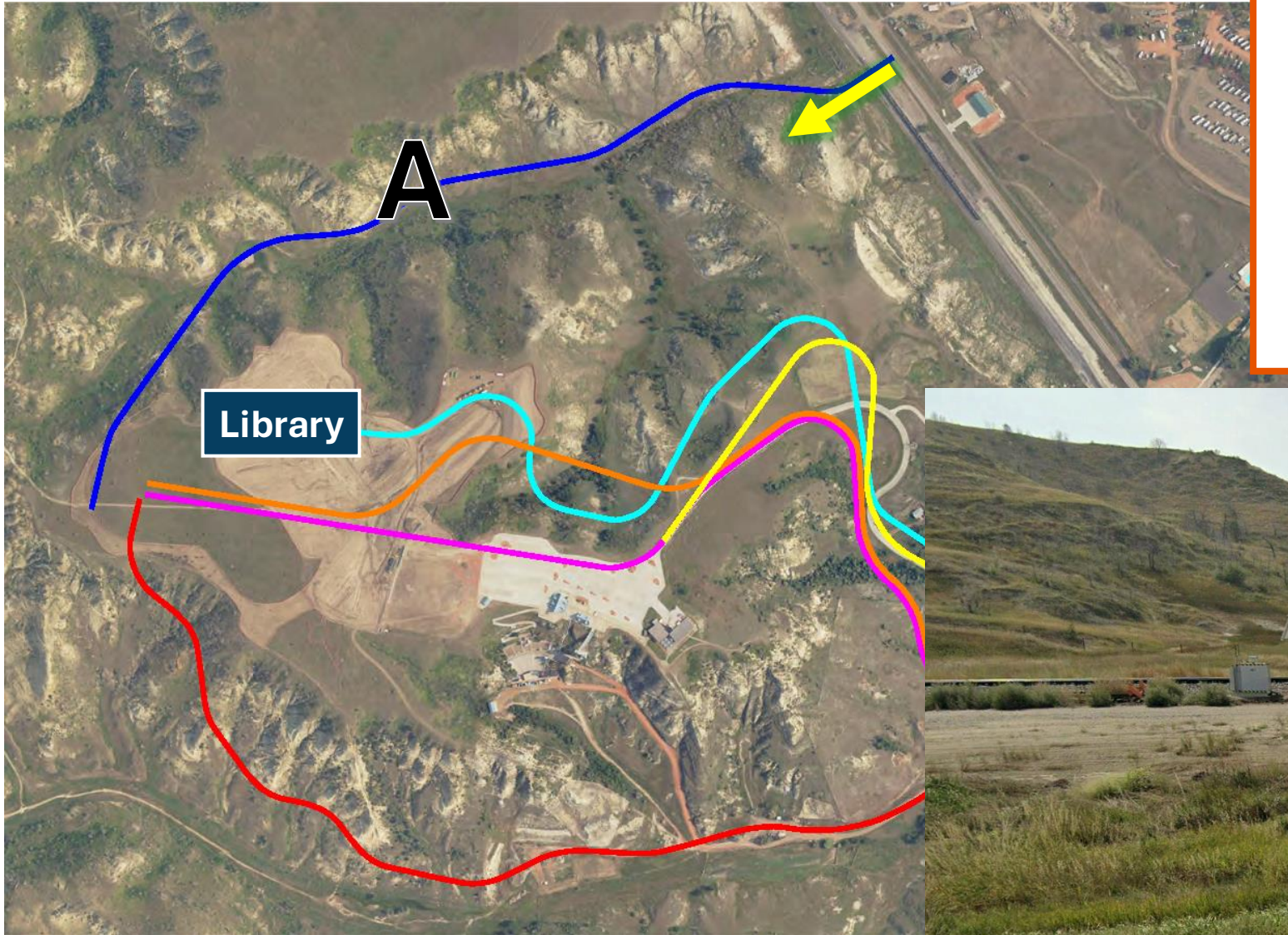
A: Blue

B: Red

C: Parallel Alignment

D: Existing Alignment

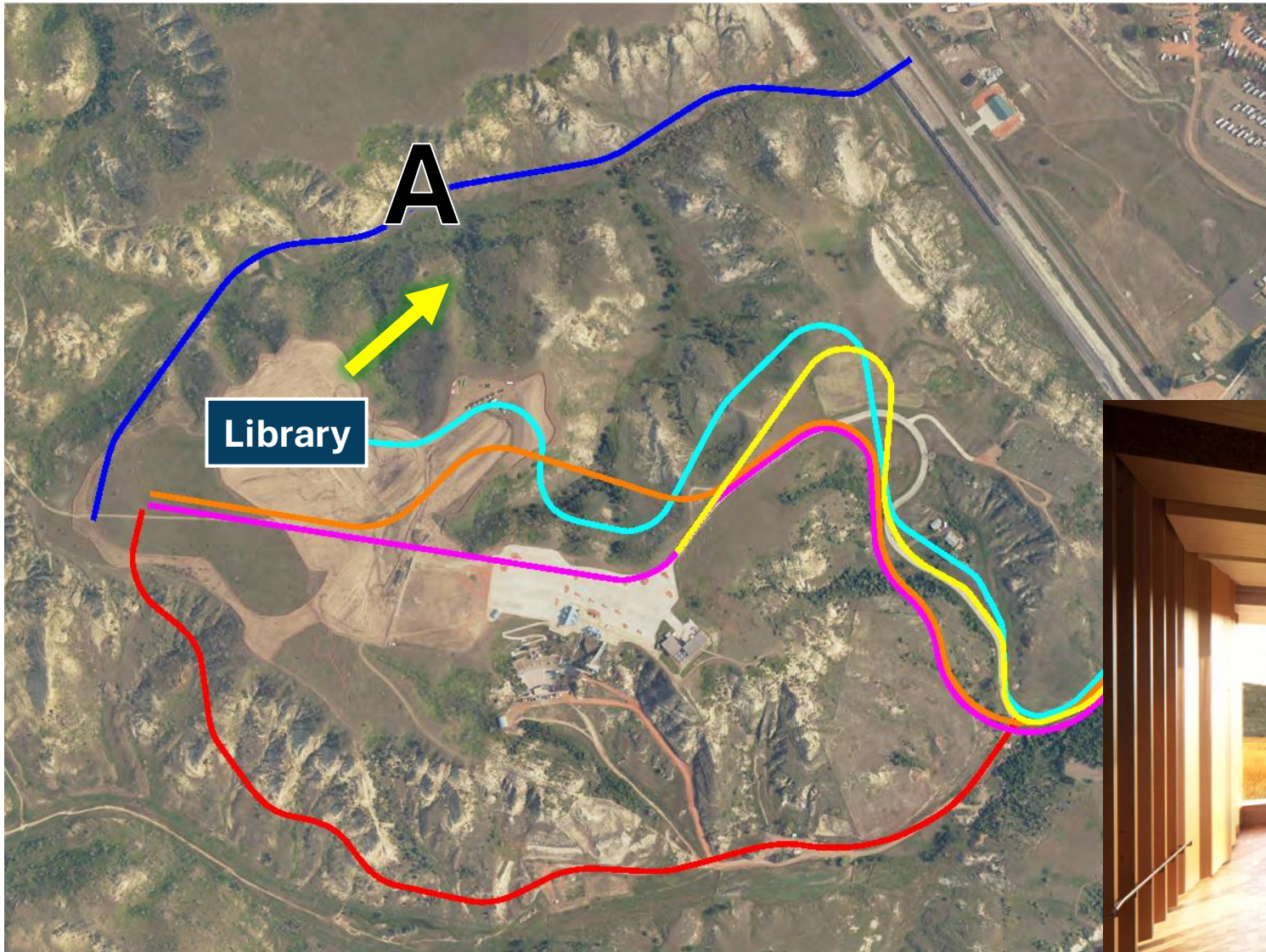
ALIGNMENT CONSIDERATIONS



- > Controversial
- > Impacts to Undisturbed Land
- > Known/Unknown Geotech Issues
- > Unknown Environmental Issues
- > Railroad Grade Separated Crossing
- > Will not meet Schedule Deadline
- > **Does not fit TRPL Master Plan**



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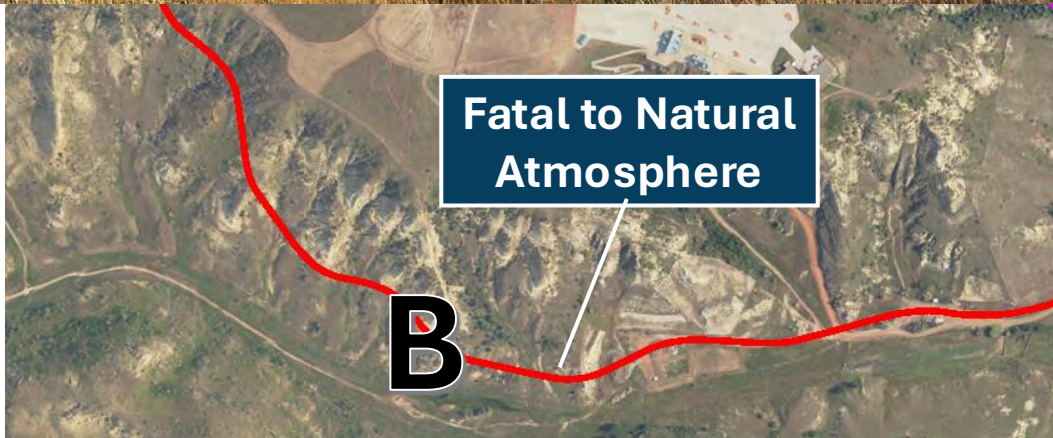


ALIGNMENT CONSIDERATIONS

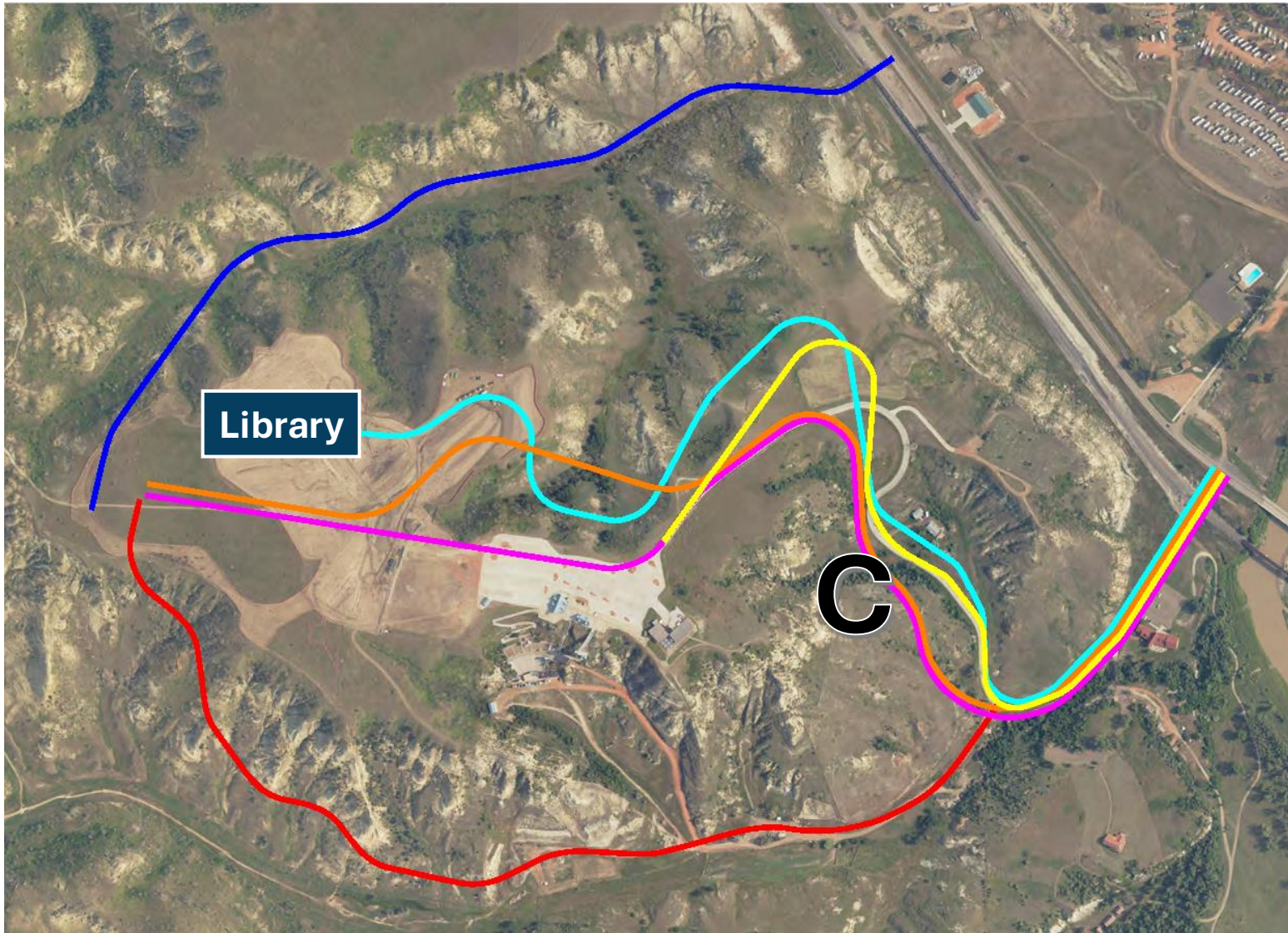


Visible from:

- > Fondu
- > Musical



ALIGNMENT CONSIDERATIONS



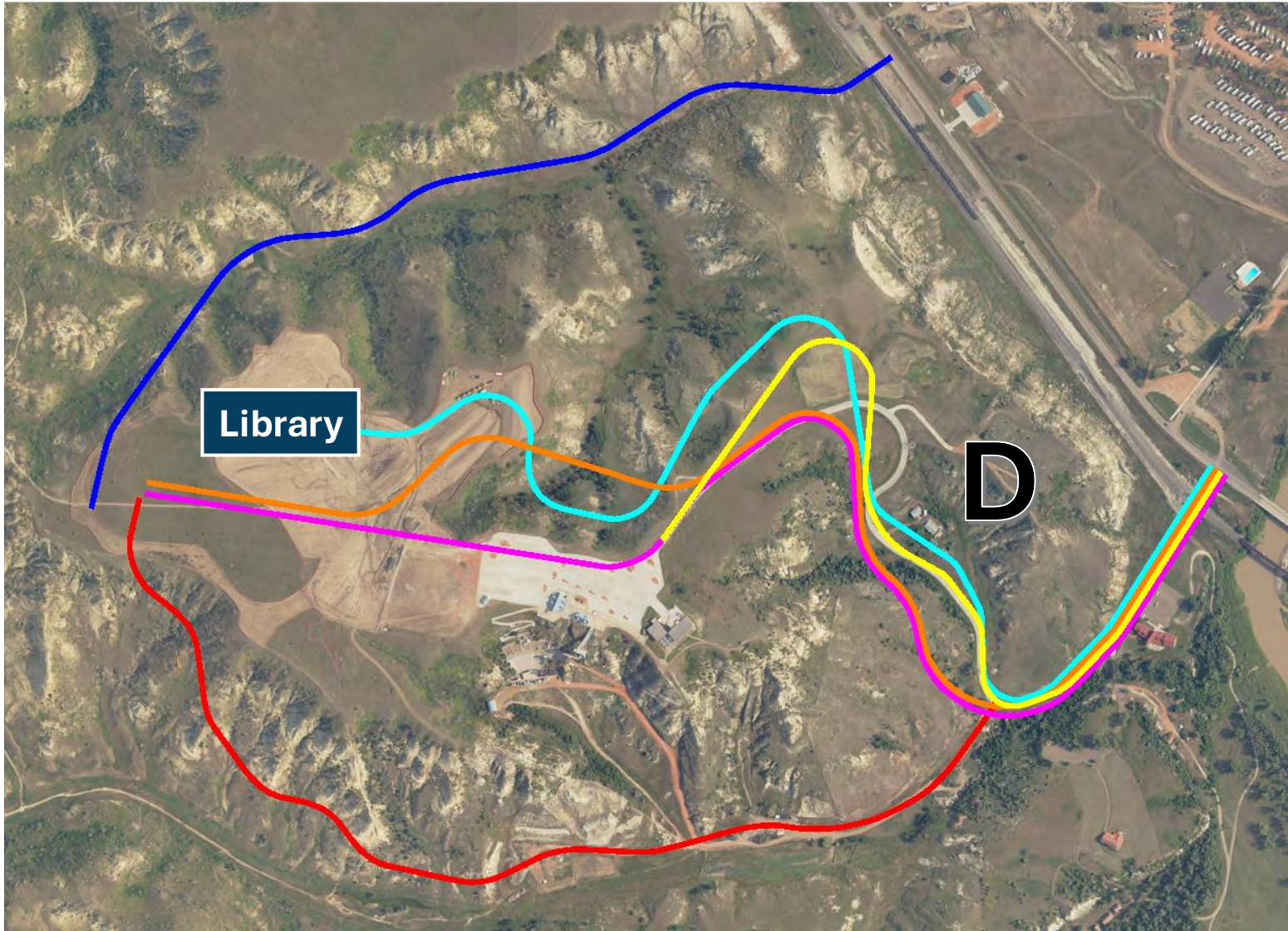
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ALIGNMENT CONSIDERATIONS



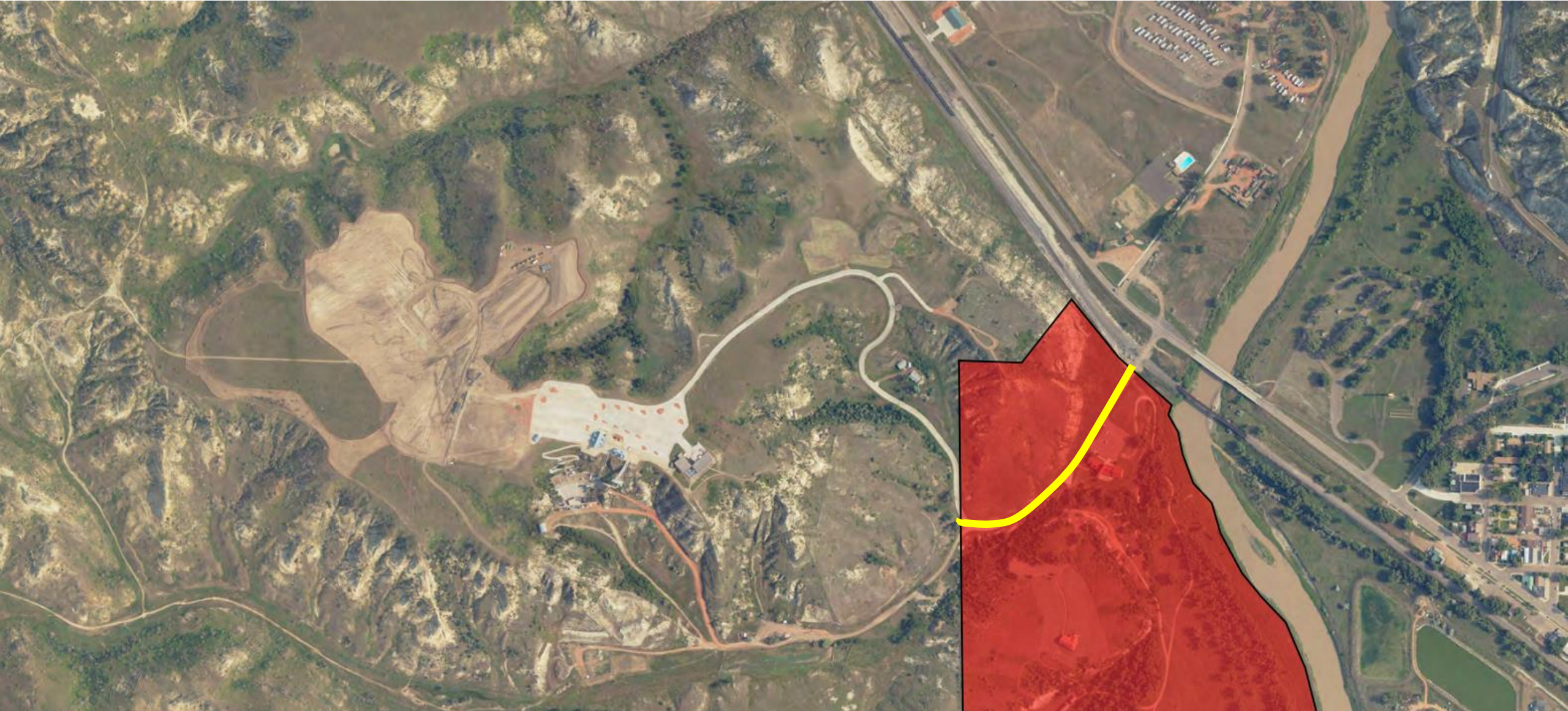
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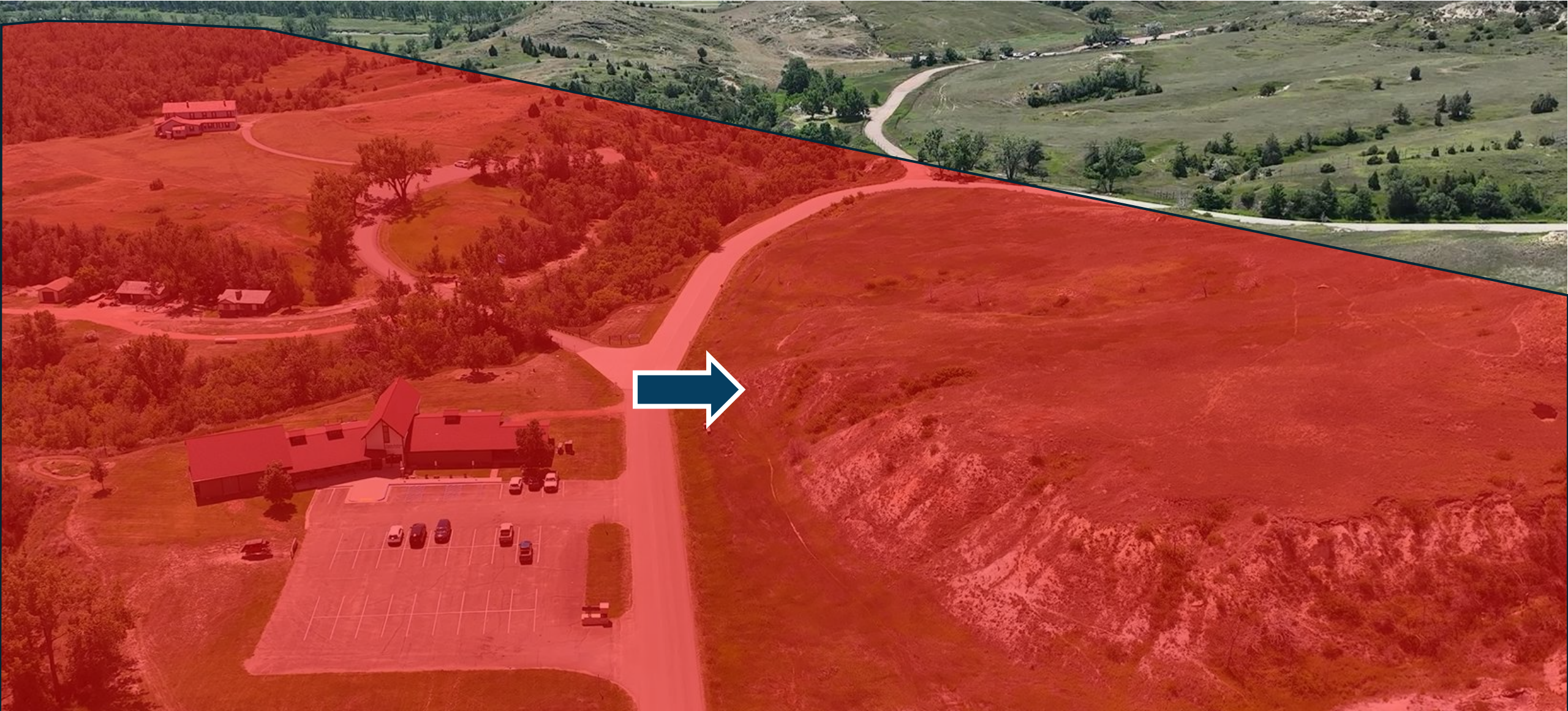
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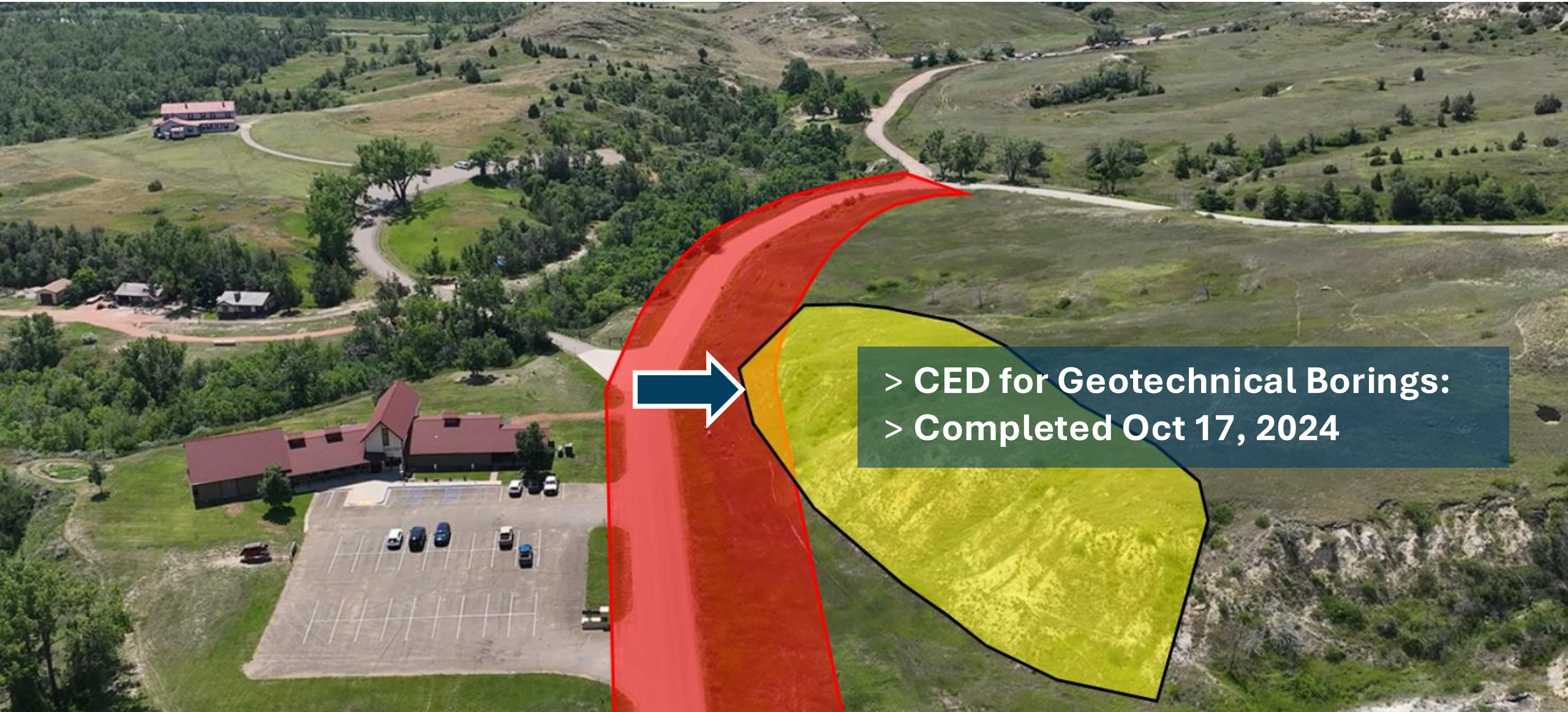
ENVIRONMENTAL - STATE HISTORIC SITE



ENVIRONMENTAL – DE MINIMIS Section 4(f)



ENVIRONMENTAL – DE MINIMIS Section 4(f)



> CED for Geotechnical Borings:
> Completed Oct 17, 2024

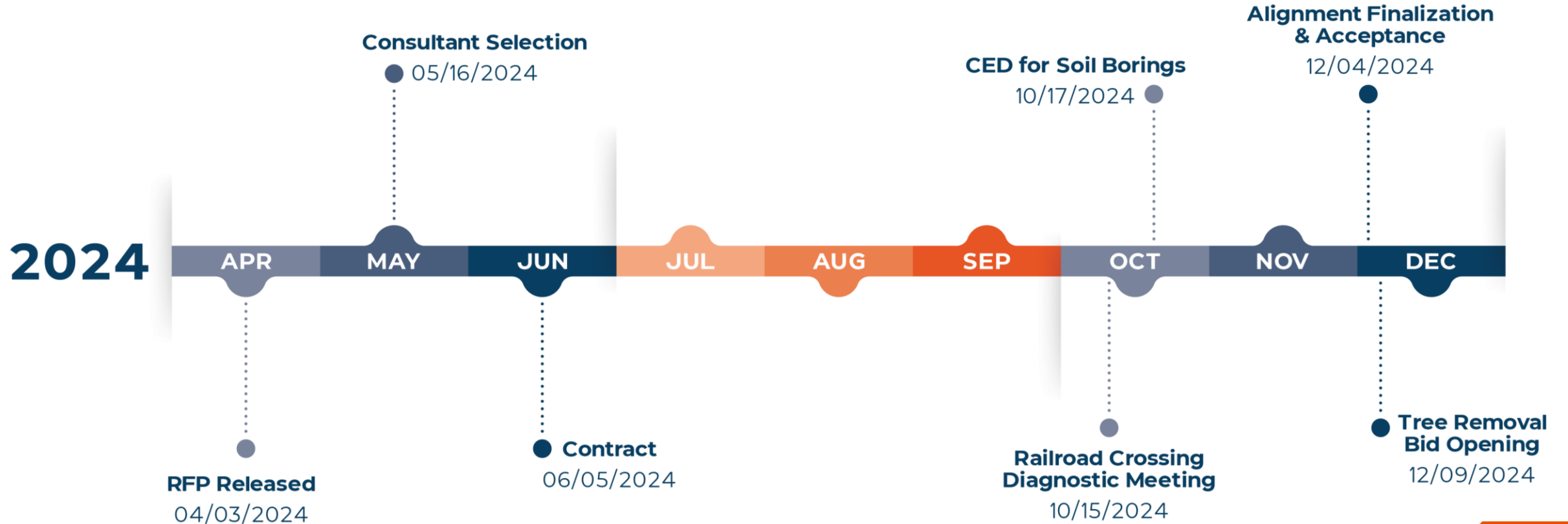
ENVIRONMENTAL – DE MINIMIS Section 4(f)

**North Dakota Department of Transportation (NDDOT)
State Historic Society of North Dakota (SHSND)
State Historic Preservation Office (SHPO)
Federal Highway Administration (FHWA)**

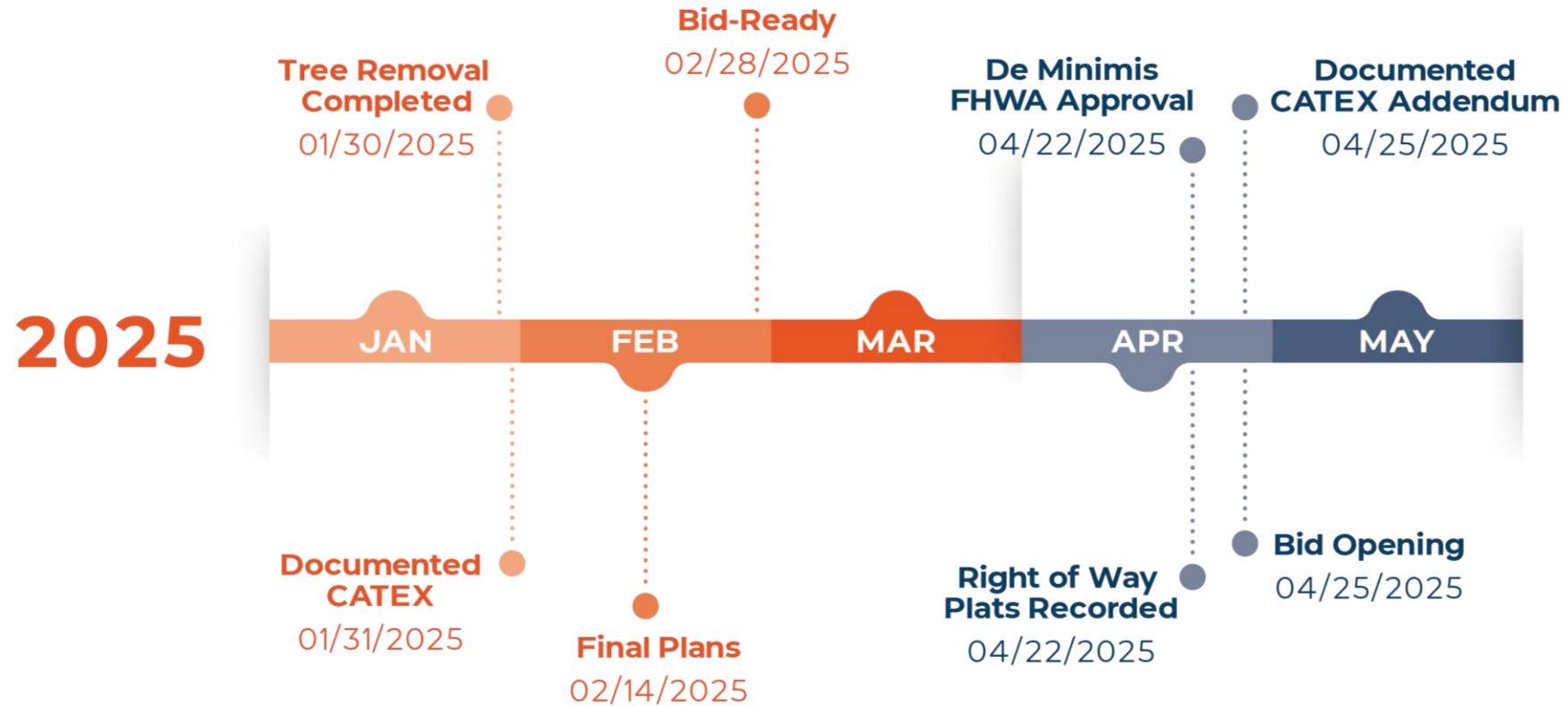


**De Minimis: FHWA approval
April 22, 2025**

PROJECT TIMELINE



PROJECT TIMELINE





CHATEAU ROAD