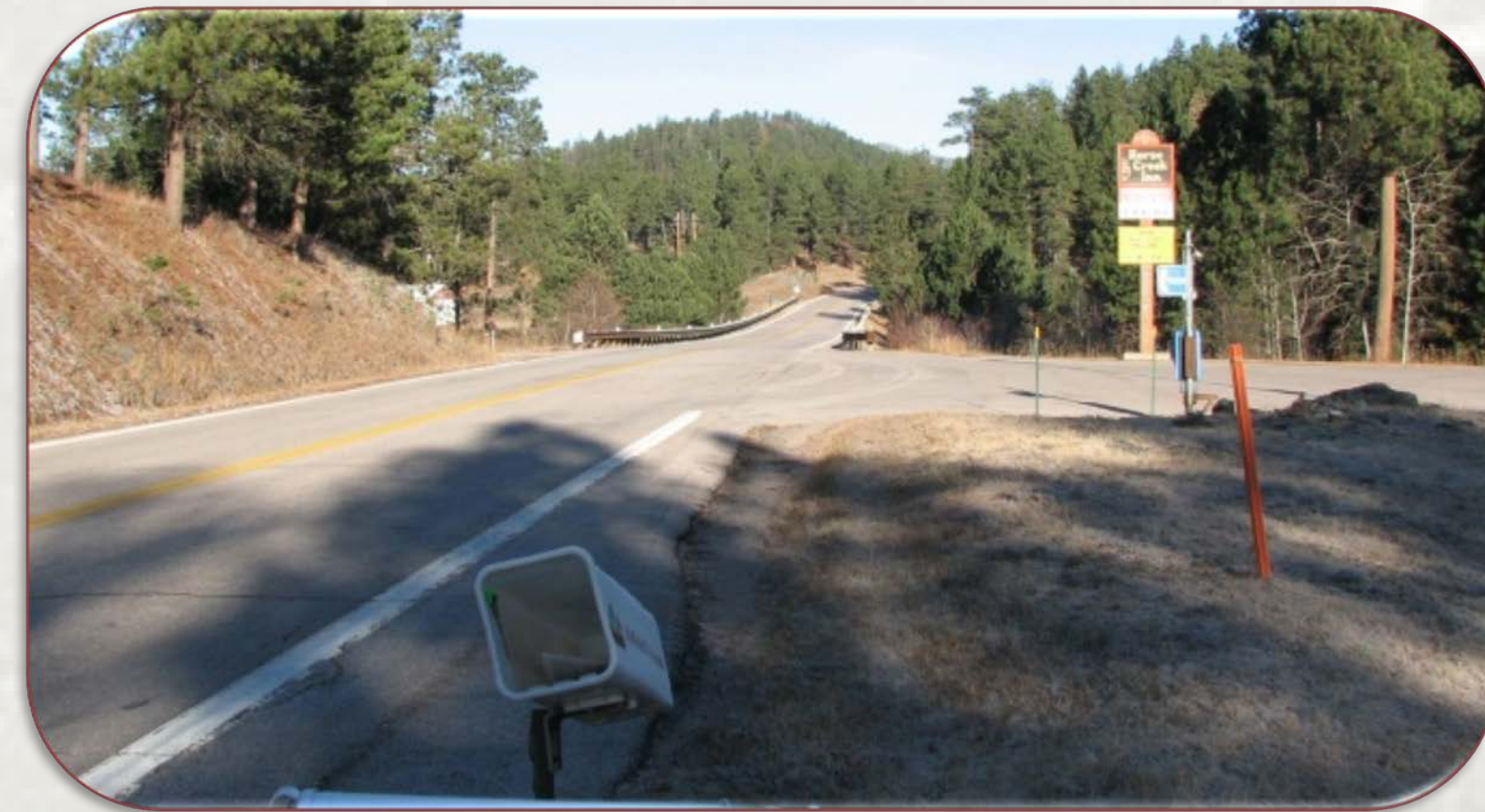


Why is the Proposed Project Needed?



*Limited Recovery Area
for Residents and Tourists*



*Narrow Shoulders limit
Recovery Time and
Bicycle Use*



*Limited Sight Distance
Due to Sharp Curves*



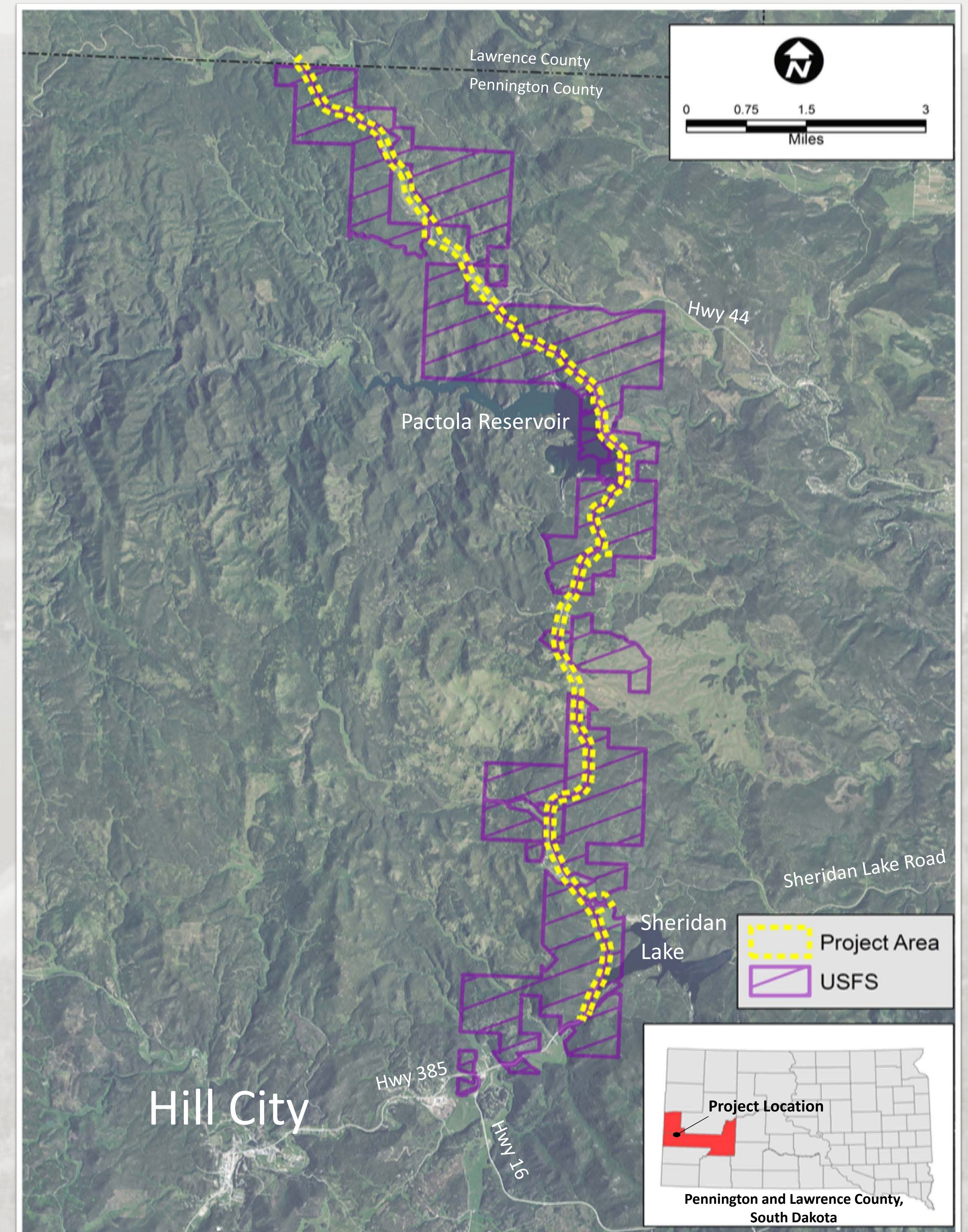
*Limited Sight Distance
Due to Slopes*

Preliminary Purpose of the Project

To improve vehicular access and safety for the section of US 385 that extends north from Sheridan Lake (mile marker 87.2) to the Pennington County/Lawrence County Line (mile marker 102.37)

What Preliminary Alternative Concepts should be investigated?

- No action (no build)
- Roadway improvements along the existing alignment
- Other ideas to be considered?



What should be considered to determine if an Alternative is reasonable?



PURPOSE and NEED

Does the Alternative Achieve the Purpose and Need?

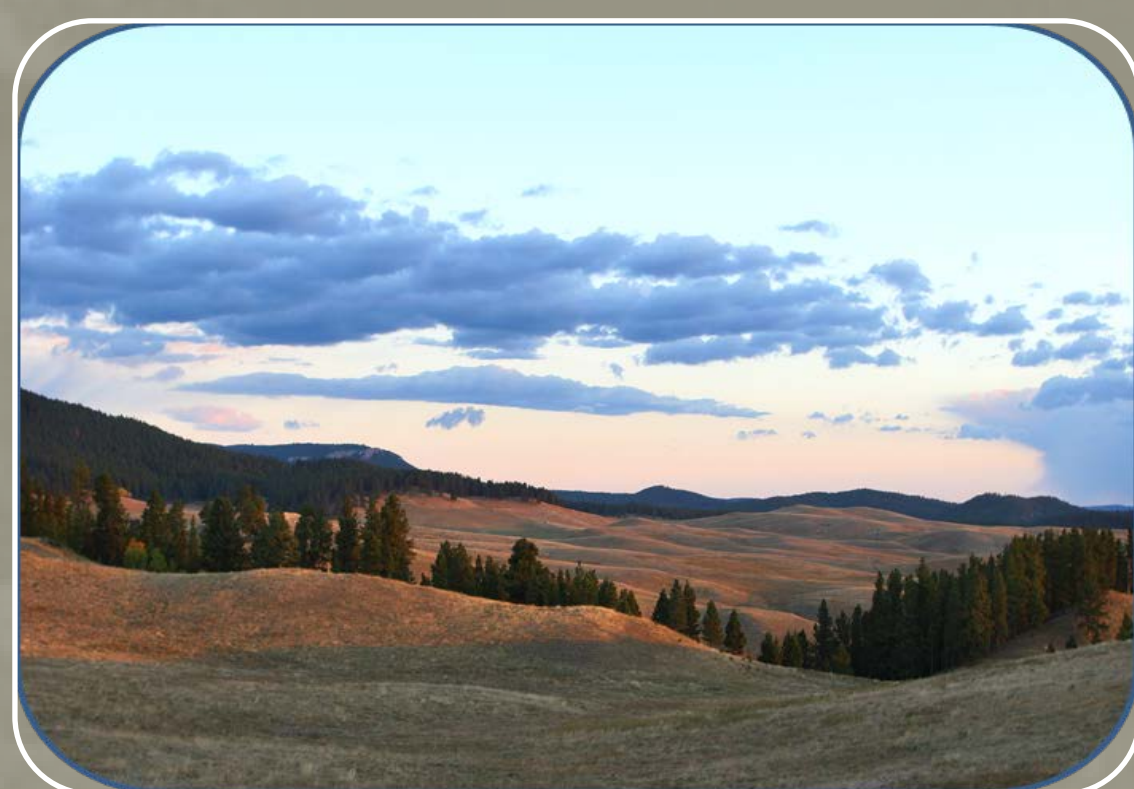
- Does the Alternative improve the roadway deficiencies (shoulders, etc.)?
- Does the Alternative address the safety concerns of the existing roadway?
- Are there other purposes and needs that should be considered?



ENGINEERING CONSIDERATIONS

Does the Alternative meet roadway design standards?

- Is the Alternative feasible?
- Are there other engineering considerations that should be included?



ENVIRONMENTAL CONSTRAINTS

Does the Alternative impact a significant environmental resource?

- Cultural Resources
- Water Resources
- Biological Resources
- Human Environment

What should the potential Roadway Improvements look like?

- Typical section
- Horizontal curves
- Vertical curves/grades
- Surfacing

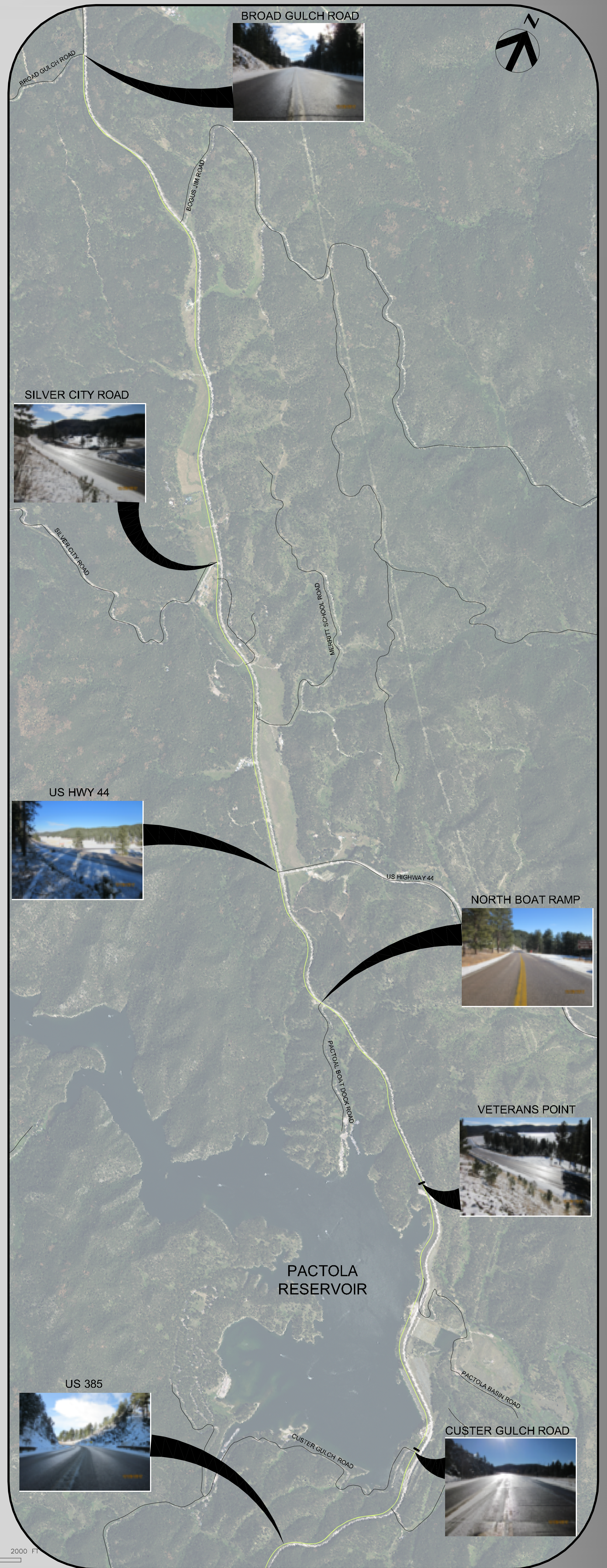
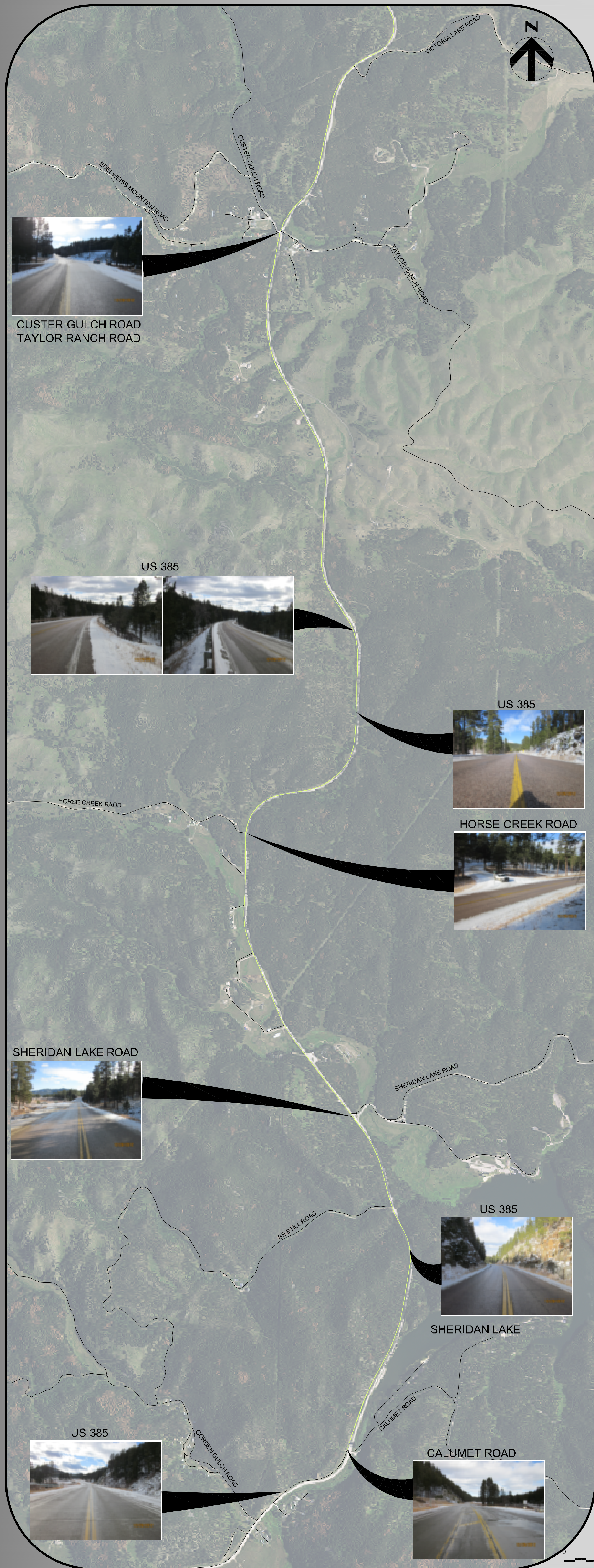


TYPICAL SECTION (SHOULDER WIDENING)
MRM 87,2 TO MRM 96,657

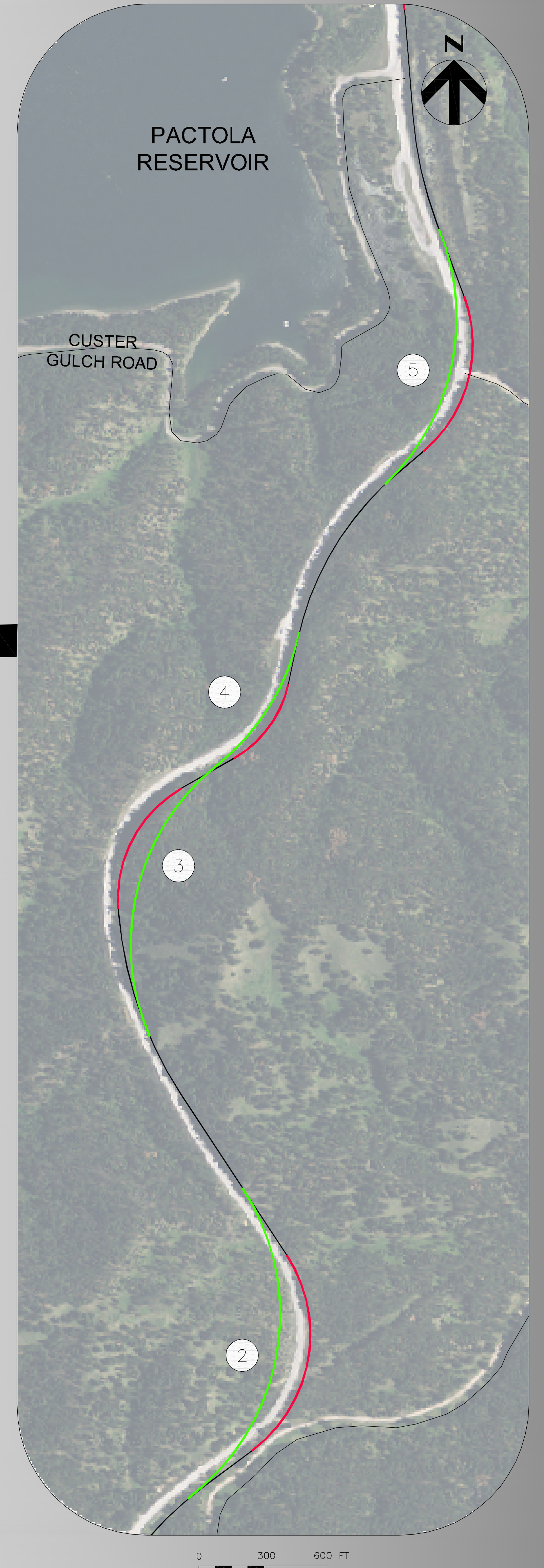
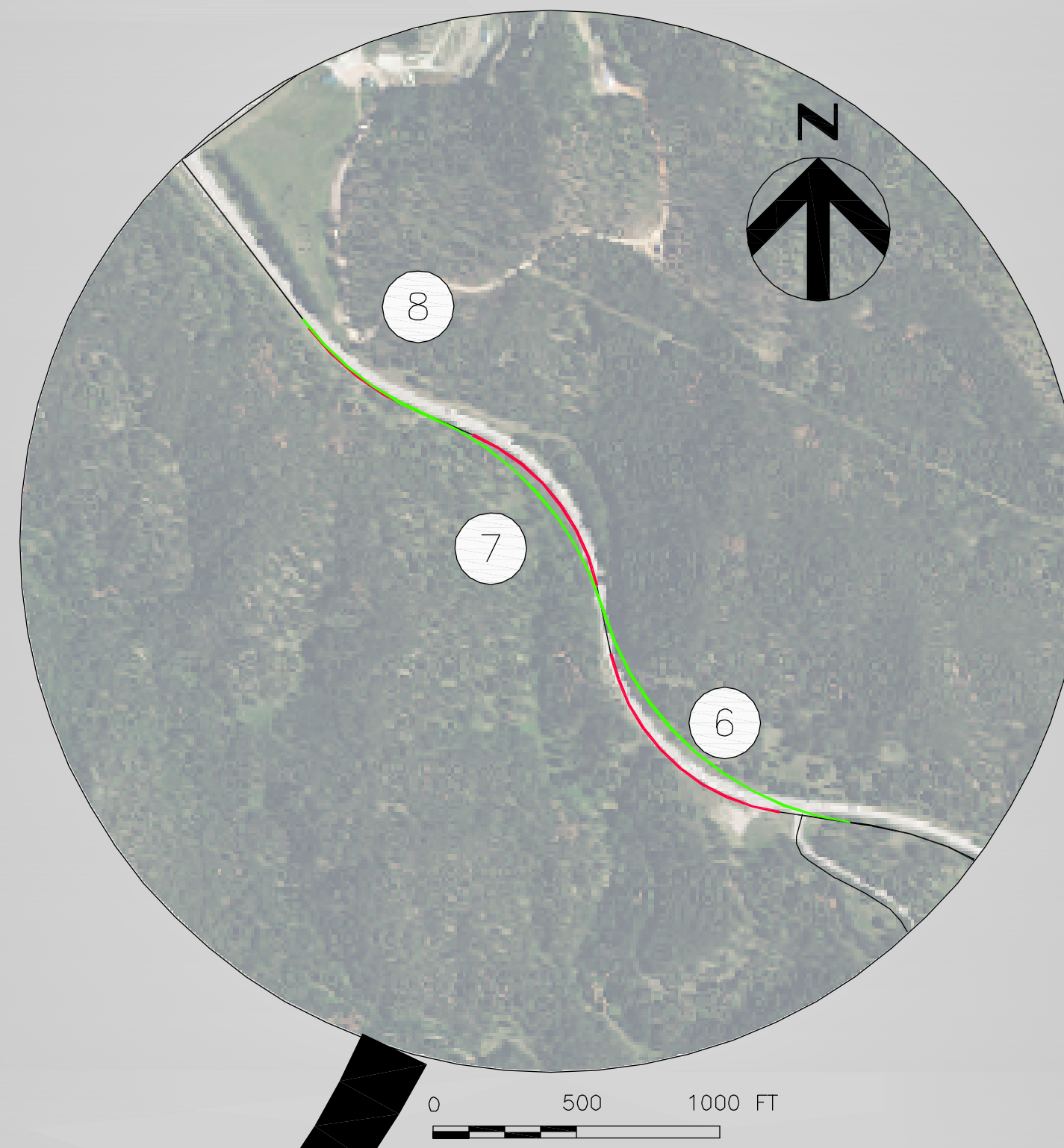


TYPICAL SECTION (SHOULDER WIDENING)
MRM 96,657 TO MRM 102,37

EXISTING ROADWAY AND INTERSECTIONS



Existing Curve Layouts



Non-Compliant Horizontal Curves

| Curve # | Radius |
|---------|--------|
| 1 | 971' |
| 2 | 667' |
| 3 | 587' |
| 4 | 519' |
| 5 | 643' |
| 6 | 705' |
| 7 | 736' |
| 8 | 916' |

*MINIMUM RADIUS 1,060'
(55 MPH DESIGN SPEED)

