

McCrystal Creek Instream Habitat Improvement Project



Fisheries Division



Project Contacts



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Project Location

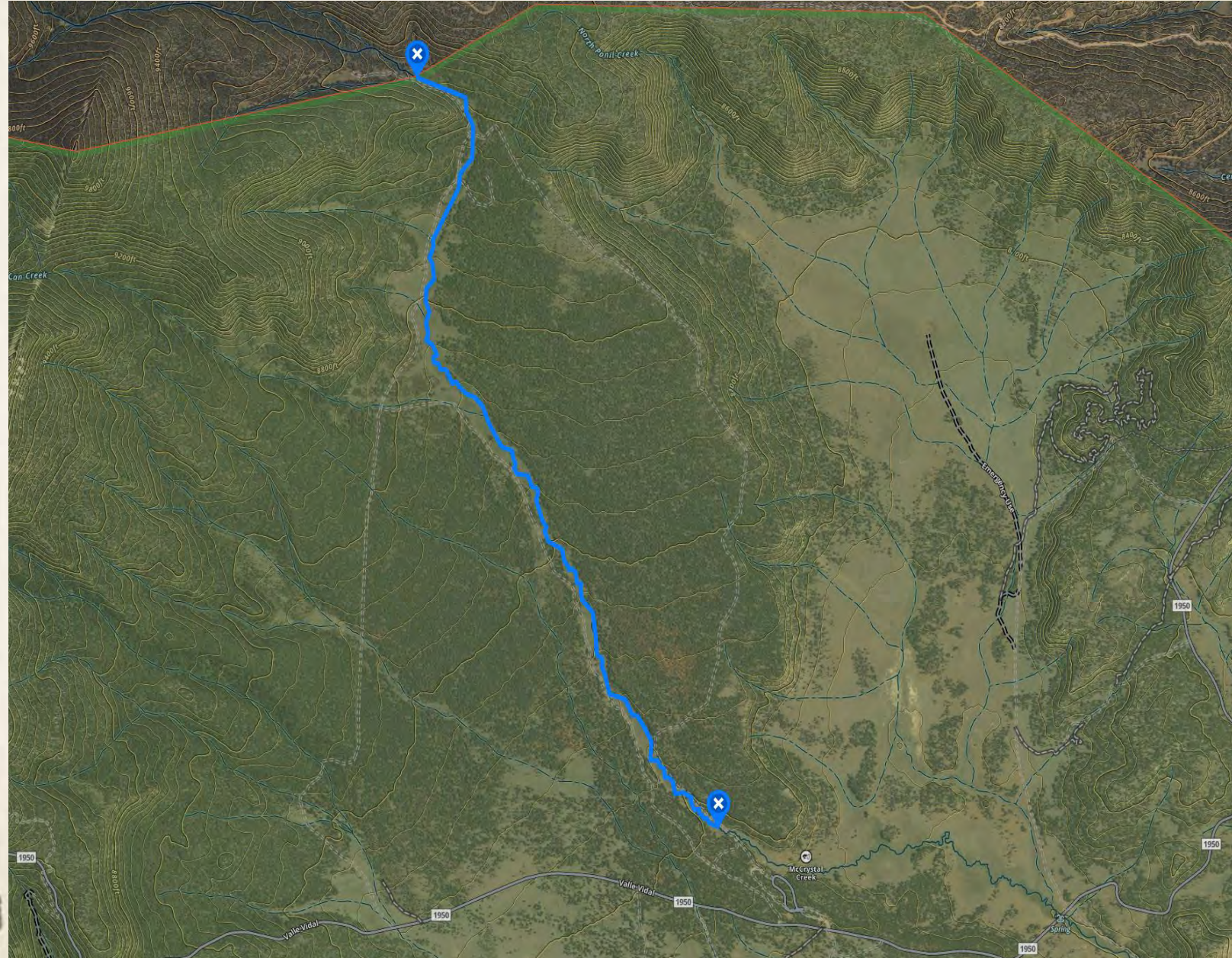
- Carson National Forest
 - Questa Ranger District
 - Above McCrystal Campground
 - Access from FR 1950

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Project Location

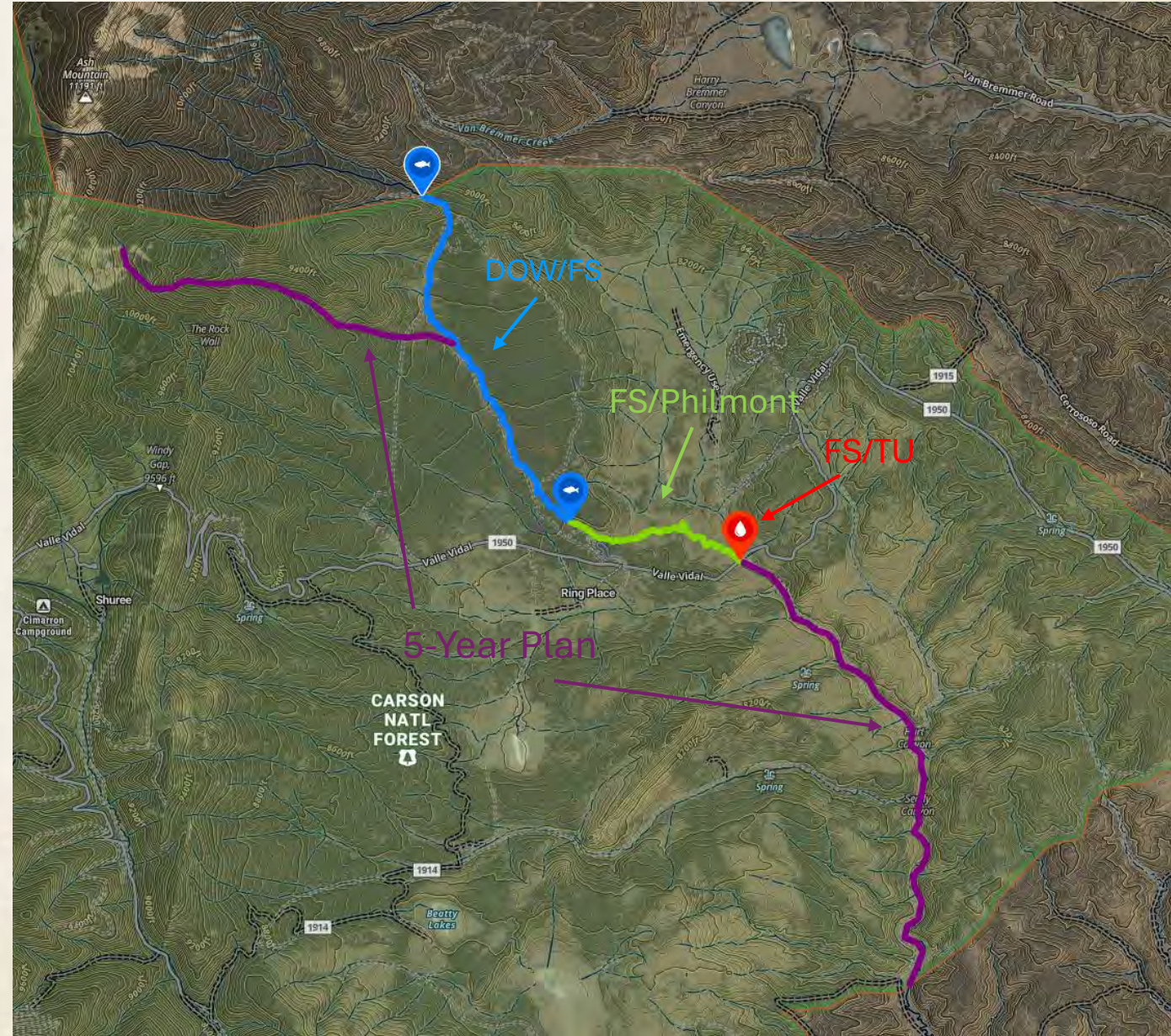
- **Project Coordinates**
 - Downstream (36.78168, -105.12369)
 - Upstream (36.82074, -105.14597)
- **~ 3.5 River Miles**



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Project Background

- Lower McCrystal instream habitat work being completed by Philmont Ranch and boy scouts
- Exclosures constructed in the 90's with boy scouts helping with maintenance
- Carson and Trout Unlimited finalizing designs for the FR 1950 McCrystal crossing AOP
- Can Creek and North Ponil to be on 5-year plan
- Continual timber management
- McCrystal campground is a desirable recreational area
- One of 11 streams occupied by Rio Grande Cutthroat Trout (Canadian Strain)



Project Purpose

- **Restoring Aquatic Habitat**

- Improving channel stability
- Prevent head cutting and incising
- Restore pool frequency and depths
- Restore natural cover and shading to regulate water temperature and maintain adequate dissolved oxygen levels
- Increase resilience to future disturbances
- Erosion control
- Nutrient management
- Floodplain reconnection



- **Instream Structure Types**

- Root wads
- BDA's
- Rock/log veins
- Woody debris
- Willow Pole Planting



Project Purpose



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Project Summary

Estimated Cost

Instream Habitat Restoration Designs -\$80,000



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