

Project 1

Name: S. Euer Valley Road

Description: rehabilitation and improvement to an existing approximate 12' wide rough graded dirt roadway known as S. Euer Valley Road, the primary access route to the valley floor from Alder Creek Road. Road bed and surface degradation over time caused by seasonal and year-round drainages exacerbated with vehicular and recreational use. Important arterial trail system connection as well as both winter and summer time vehicular use for emergency and fire suppression access.

Location: county; on south side of Euer Valley paralleling and running close to the toe of the south-adjacent steeper slope defining the southerly edge of the valley. Commences at end of paved Alder Creek Road (gated). Terminates at TDA boundary at west end of Euer Valley.

Project Type(s): rehabilitation and improvement

Trail Type: roadway

Topography & Grade: variable surrounding topography: predominately steep (>20% slopes) on south side of roadway with more moderate (10-20% slopes) terrain within project area transitioning to mostly flat terrain to the north typical of a valley floor. Roadway maintains a consistent gentle grade from west to east, with a steepening grade on the east end as the roadway climbs out of the valley to flat connection with paved Alder Creek Road.

Length: 13,940 feet (2.64 miles)

Constraints & Resources: steeply consistent south-to-north falling cross sloped terrain in valley creates many variably-sized perennial and ephemeral drainage courses. A year-round spring crossing at westerly end of proposed project with associated biological resources needing culvert replacement and roadside ditch improvement (see Photo 1b) to maintain existing hydrology. Area of high archeological sensitivity.

Opportunities & Areas of Import: better manage and improve existing drainage and erosion problems without disconnecting, modifying or dewatering hydrological and/or biological resources. Utilize existing roadway footprint / disturbed area as much as possible to minimize impacts and associated need for mitigation.



Photo 1a – Rutting Repair Area w/ Drainage
Lens at West End of S. Euer Valley Road



Photo 1b – Culvert Replacement & Roadside
Ditch Repair & Improvement

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Project Specifics: 22 rock lined rolling dips (w/ dissipaters as warranted per typical details), 50 linear feet of roadside ditch repair, 2 culverts (1 replacement of existing), 1500 linear feet of drainage lense (2 locations), application of compacted base material as road surface stabilization.

Construction: heavy equipment used for drainage lense and application of compacted base material using (e) roadway for access; small equipment and hand construction used for all rock-lined rolling dips and culverts; primary staging area outside of Euer Valley at existing flat disturbed area and smaller staging area within the valley at existing flat disturbed area (see project mapping for staging area locations).

Typical Details & Specifications: T.D. 1-3 (BMP's), T.D. 7 (Culvert), T.D. 8 (Rolling Dip), T.D. 9 (Rock Dissipater), T.D. 10 (Drainage Lens), T.D. 19 (Maintenance Access Road)



Photo 1c – Typical Condition of Rock Lined Rolling Dip w/ Dissipater Improvement



Photo 1e – Road Re-Surfacing & Stabilization Near Project Start at end of Alder Creek Road



Photo 1d – Area of Drainage Lens Improvement (1 of 2 drainage lens solutions)