

Project 3

Name: Sidewinder

Description: new trail, although roughly established, providing an off-roadway trail route as an alternative to the N. Euer Valley Road. Trail has been informally used and roughly established, but considered to be a new trail proposal factoring the tread improvement and drainage crossings necessary for use as a sustainable trail.

Location: county; on north side of Euer Valley paralleling N. Euer Valley Road on north side of roadway. Commences at the beginning of N. Euer Valley Road on east end at dirt road intersection north of Prosser Creek (near the easterly start of Project 4), terminating at the end of N. Euer Valley Road on west end near TDA boundary.

Project Type(s): new

Trail Type: trail

Topography & Grade: topography of trail alignment is entirely on slopes of <10%, but located at the toe of the north-abutting hillside dominated by 20%+ slopes. Trail grade is mostly gentle throughout, but undulating as it traverses the toe of this hillside and crossing a single pocket of >20% slope mid-project (see slope map).

Length: 8,960 feet (1.7 miles)

Constraints & Resources: many variably-sized seasonal drainage courses. Year-round spring crossing (1) at westerly end of proposed trail with associated biological resources warranting bridge span. Areas of potential biological and wildlife resources warranting assignment of protection measures. Area of moderate-to-high archeological sensitivity.

Opportunities & Areas of Import: Bridge design and construction at year-round spring (and related biological resources) crossing requires sensitivity to minimize impact. Utilize existing seasonal drainages for trail grade reversals. Armor mid-sized seasonal drainages with rock lined rolling dips to minimize erosion. Adjacent archeological resources to be avoided and possible areas of bird habitat.

Project Specifics: 18 rolling dips w/ dissipaters as warranted per detail (6 rock lined at >2 cfs design flow), 1 bridge span (>5 cfs design flow and perennial stream)



Photo 3a – Start of Trail at East End



Photo 3b – Typical Trail Crossing of Small (<2 cfs design flow) Drainage Path

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Construction: small mechanized equipment used for bridge construction utilizing existing and proposed trail alignments from staging area at N. Euer Valley Road (see project mapping) for access route; hand construction only for rolling dip and tread construction.

Typical Details & Specifications: T.D. 1-3 (BMP's), T.D. 6 (Bridge Plan), T.D. 8 (Rolling Dip), T.D. 9 (Rock Dissipater), T.D. 17-18 (Sustainable Trail Design), T.D. 20 (Type II Trails)



Photo 3c – Trail Crossing of Medium (<5 cfs design flow) Drainage Path w/ Rock Lined Rolling dip



Photo 3e – Trail Crossing of Large (<20 cfs design flow) Drainage Path w/ Rock Lined Rolling Dip



Photo 3d – Trail Crossing of Larger (<10 cfs design flow) Drainage Path / Perennial Drainage w/ Bridge