



Region 2 Barrier ID: W179 (Priority Barrier).

Barrier Name: Pioneer Trail.

Linear Infrastructure: County/City Road.

Geographic Area: El Dorado County, Pioneer Trail where it intersects US-50 on both ends through South Lake Tahoe.

Length: 13.00 km (8.08 mi).

Target Species: Black bear (*Ursus americanus*), porcupine (*Erethizon dorsatum*), Pacific marten (*Martes caurina*), deer (*Odocoileus hemionus*).

Connectivity Concerns: This stretch of Pioneer Trail is part of an extensive study with the California Tahoe Conservancy, Wildlands Network, and Pathways for Wildlife to identify wildlife movement in the Tahoe Basin. Pioneer Trail is a busy frontage road through critical habitat. Animal vehicle collision is high especially for high profile species like black bear, and porcupine, one of the focal species.

Remediation Goals: Expand and enhance existing infrastructure such as culverts and creek/river bridges, add new wildlife crossing structures and wildlife exclusion fencing.



Figure: Pioneer Trail in the Tahoe Basin between its intersections with US-50 is a Region 2 priority wildlife connectivity barrier.