



**Region 2 Barrier ID: W177 (Barrier).**

**Barrier Name:** US-50 Tahoe Basin.

**Linear Infrastructure:** US-50.

**Geographic Area:** El Dorado County, Meyers East to the intersection with Pioneer Trail.

**Length:** 16.28 km (10.12 mi).

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

**Connectivity Concerns:** This stretch of US-50 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 has a lot of traffic through habitat that connects the town and open space to United States Forest Service land. 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:** US-50 in the Tahoe Basin from Meyers to Pioneer Trail in South Lake Tahoe is a Region 2 wildlife connectivity barrier.