



Region 4 Barrier ID: W036 (Priority Barrier).

Barrier Name: I-5 Grapevine.

Linear Infrastructure: I-5.

Geographic Area: Grapevine to Castaic. Shared barrier with Region 5.

Length: 31.51 km (19.58 mi).

Target Species: Black bear (*Ursus americanus*), gray wolf (*Canis lupus*), mountain lion (*Puma concolor*), deer (*Odocoileus hemionus*), San Joaquin kit fox (*Vulpes macrotis mutica*).

Connectivity Concerns: I-5 bisects Tejon Pass, which is the only connection between the Coastal and Transverse Ranges to the Tehachapi and Sierra Nevada Mountains. This is a vital landscape linkage for California fauna, including endangered San Joaquin Valley species to the north. Roadkill and GPS collar data from mountain lions shows this stretch of highway is a barrier to wildlife movement.

Remediation Goals: Expand and enhance existing infrastructure such as culverts and creek bridges, add new under-crossings and wildlife exclusion fencing.

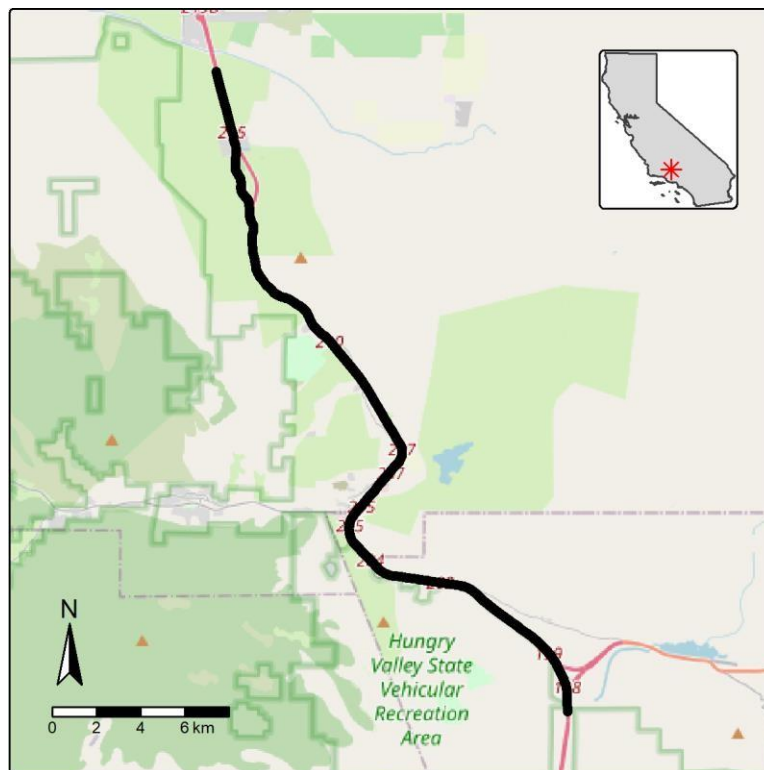


Figure: I-5 (Tejon Pass) between Grapevine and Castaic is a Region 4 priority wildlife connectivity barrier.