

APPENDIX K EFFECTS IN VICINITY OF COVERED ACTIVITIES

Table K-1. Extent of Potential Natural Community Effects within 500 feet of Covered Activities

Natural Community/Land Cover Type ¹	Existing in Plan Area (acres)	Acres Within 500 Feet ²	Percent Affected
Blue Oak Savanna	10,479	429	4%
Blue Oak Woodland	34,590	850	2%
Interior Live Oak Woodland	2,381	60	3%
Mixed Oak Woodland	44,853	1,461	3%
Grassland	67,464	2,661	4%
Grassland with Vernal Swale Complex	33,471	1,228	4%
Cottonwood Willow Riparian Forest	7,502	138	2%
Valley Oak Riparian Forest	4,324	137	3%
Willow Scrub	2,992	73	2%
Emergent Wetland	4,440	51	1%
Open Water	8,400	351	4%
Major Canal	1,897	66	3%
Rice ⁴	120,292	2,482	2%
Irrigated Cropland ⁵	20,412	824	4%
Irrigated Pasture	1,160	41	4%

¹ Land cover types not included are those that do not provide habitat for covered species.

Table K-2. Extent of Covered Species Modeled Habitat in Vicinity of Covered Activities

Covered Species Modeled Habitats	Existing in Plan Area (acres)	Distance from Covered Activity (feet)	Amount of Habitat within Specified Distance (acres)	Percent of Total Habitat Potentially Affected
Tricolored Blackbird	267,381	500	7,217	3%
Western Burrowing Owl	164,126	500	5,549	3%
Western Yellow-billed Cuckoo	5,619	1,300	172	3%
Greater Sandhill Crane	150,664	500	1,946	1%
Swainson's Hawk	148,827	1300 (nesting) 500 (foraging)	4,197	3%
White-tailed Kite	302,893	1300 (nesting) 500 (foraging)	15,202	5%
Giant Garter Snake	153,077	500	2,692	2%
Western Pond Turtle	84,444	500	2,181	3%
Foothill Yellow-legged Frog	10,982	500	341	3%
Western Spadefoot Toad	106,694	500	4,949	5%
Central Valley Steelhead	197.1	100 feet downstream and	6	3%

Covered Species Modeled Habitats	Existing in Plan Area (acres)	Distance from Covered Activity (feet)	Amount of Habitat within Specified Distance (acres)	Percent of Total Habitat Potentially Affected
		20 feet upstream from the centerline of bridge project footprints.		
Central Valley Spring-run Chinook Salmon	151	100 feet downstream and 20 feet upstream from the centerline of bridge project footprints.	7	5%
Central Valley Fall/Late Fall-run Chinook Salmon	151.8	100 feet downstream and 20 feet upstream from the centerline of bridge project footprints.	9	6%
Valley Elderberry Longhorn Beetle	42,636	100	323	1%
Vernal Pool Tadpole Shrimp	33,633	250	449	1%
Vernal Pool Fairy Shrimp	33,633	250	449	1%
Hoover's Spurge	33,633	250	449	1%
Butte County Meadowfoam (Suitable)	31,859	250	245	1%
Butte County Meadowfoam (Occupied)	443	250	17	4%
Hairy Orcutt Grass	33,633	250	449	1%
Slender Orcutt Grass	33,633	250	449	1%
Butte County Checkerbloom	36,799	250	658	2%
Greene's Tuctoria	33,633	250	449	1%