

Appendix C

Onset of Impacts – Occasional mortality and avoidance of roadways

Continuum of Impacts – Increasing mortality and avoidance of roadways during periods of peak traffic

Major Habitat Avoidance – Few individuals attempt to cross roadways and/or there is high mortality when they do

Near Complete Barrier – Nearly all individuals avoid crossing the road and/or are killed when they try

Traffic Volume Impacts on Wildlife at Different Thresholds (Charry and Jones, 2009)

VEHICLES PER DAY	ONSET OF IMPACTS	CONTINUUM OF SUBSTANTIAL IMPACTS	MAJOR HABITAT AVOIDANCE	NEAR COMPLETE BARRIER
100-500	Amphibians & Carnivores	Amphibians* & Reptiles		
500-1,500	Ungulates & Birds	Amphibians (increases for reptiles)		
1,500-3,000		Ungulates (increases for amphibians & reptiles)		
3,000-6,000		Carnivores & Birds (increases for amphibians, reptiles, & ungulates)		
6,000-10,000		Increases for all taxa		
10,000+			Birds & Ungulates	Amphibians, Reptiles, Carnivores, Ungulates, & Small Mammals