

STRIETER-LITE Wild Animal Highway Warning Reflector System

Reflectorized Section

Location:	K-4, 0.5 miles north of junction: K-4 & US 24 mp 340.5 to 339.9			
Length of reflectorized section:	0.75 miles			
Reflectors installed:	October 1990			
Reflector installation design:	Directed across highway and staggered			
Terrain:	Slightly Hilly			
Deer-vehicle after dark crash history prior to installation:	1988: 15 – 20	1989: 15 – 20	1990: 10 - 15	
Number of after dark crashes after installation:	1991: 5	1996: 0		
	1992: 3	1997: 2	ADT: 8,120	
	1993: 3	1998: 0	ADT: 7,675	
	1994: 0	1999: 0	ADT: 7,800	
	1995: 0	2000: 0	ADT: 8,645	
Number of daylight crashes in reflectorized section	1999: 2			
Period of study	Oct 1990 to Mar 2001			
Average Reduction: 91.7%				
Yearly Reductions				
1991 - 68%	1992 - 81%	1993 - 81%	1994 - 100%	1995 - 100%
1996 - 100%	1997 - 87%	1998 - 100%	1999 - 100%	2000 - 100%

Reflector Purchases				
Initial Purchase	Subsequent Purchases			
7/90 - 250	10/94 - 35	1/95 - 40		

"I can confirm that deer are always present at this site. They feed in the apple orchard and occupy the old woods situated on both sides of the highway." Control sections are not possible for this test site, since a 4 - lane hwy, SR24, running East & West is at the south end and many homes are located at the north end.

- John Babcock, Area Superintendent, KS DOT

