

STRIETER-LITE Wild Animal Highway Warning Reflector System

Reflectorized Section

Location:	US 36, 6.1 miles north of Boulder			
Length of Reflectorized Section:	mp 25.99 to 26.6 = 0.7 miles			
Reflectors Installed:	Dec 1996			
Reflector Installation Design:	Directed across highway and staggered			
Terrain:	Curves and Slightly Hilly			
Deer-Vehicle After Dark Collisions History Prior to Installation:	Mule Deer		Elk	
	1993 – 5		1993 – 1	
	1994 – 4	Avg. 4.75	1994 – 0	Avg. 0.75
	1995 – 4		1995 – 0	
	1996 – 6		1996 – 2	
Number of After Dark Collisions After Installation:	1997 - 0		1997 – 1	
	1998 – 1		1998 – 0	
	1999 – 4		1999 – 3	
	2000 – 2		2000 – 0	
	Yearly Reductions in Mule Deer Collisions			
1997: 100%	1998: 79%	1999 – 0.2%	2000: 58%	
Period of Study	Dec 1996 to Feb 2001			
Estimated Reflector Maintenance Costs: \$ 440 / Mile / Year				

Control Sections (without reflectors)

Location:	US 36, mps 21.77 to 25.99 and 26.6 to 35.0			
Length of Control Section:	12.62 miles			
Deer-Vehicle After Dark Collisions History Prior to Installation:	Mule Deer		Elk	
	1993 – 3-4	1994 – 4	1993 – 0	1994 – 1
	1995 – 3-4	1996 – 3	1995 – 0	1996 – 0
Location:	#1: US 36 mp 21.77 to 25.99		# 2: mp 26.6 to 35.0	
Length of Control Section	4.22 miles		8.4 miles	
Number of After Dark Collisions After Installation:	Mule Deer	Elk	Mule Deer	Elk
	1997 – 1	1	1997 – 2	0
	1998 – 2	4	1998 – 6	0
	1999 – 6	7	1999 – 11	0
	2000 - 3	7	2000 - 14	1
Period of Study	Dec 1996 to Feb 2001			

Reflector Purchases					
Initial Purchase	Subsequent Purchases				
11/96 - 320	1/97 - 25				



CO DOT Region 4
6.1 miles north of Boulder, US 36, MP 25.7 – 26.4
Mule deer & elk habitat – Photos: 5/98



I can confirm that deer and elk are present at this test site as I drive through the site on my way to and from work, Monday through Friday.

- Mike Day, Highway Maintenance Supervisor I, CO DOT, Region 1, Boulder Colorado

May 27, 1998

Hi John,

Here are some more pictures for you!

The elk were just on the north end of our delineation.

Mike Day