

**STRIETER-LITE Wild Animal Highway Warning Reflector System**

**Reflectorized Section**

Location:	Highway 23, west of Paynesville				
Length of Reflectorized Section:	2 miles				
Reflectors Installed:	5/15/90				
Reflector Installation Design:	Directed across highway and staggered				
Terrain:	Curves and Slightly Hilly				
Deer-Vehicle After Dark Crash History Prior to Installation:	01/86 to 12/86: 31		01/87 to 12/87: 30		
	01/88 to 12/88: 30		01/89 to 12/89: 30		
Number of After Dark Crashes After Installation:	1990 – 4	ADT: 2,000	1991 – 0	ADT: 2,200	
	1992 – 7*	ADT: 2,400	1993 – 0	ADT: 2,600	
	1994 – 3	ADT: 2,800	1995 – 3	ADT: 3,000	
	1996 – 4	ADT: 3,200	1997 – 2		
	1998 – 1		1999 – 4		
Number of daylight crashes in Reflector Site	1999: 3				
Period of Study : May 1990 to Dec 1999	<b>Average Reduction: 94.5%</b>				
Yearly Reductions					
1990 – 87%	1991 – 100%	1992 – 77%	1993 – 100%	1994 – 90%	1995 – 90%
1996 – 87%	1997 – 93%	1998 – 97%	1999 - 85%		

\* Many fawns were produced that year – 5 of the 7 kills were fawns.

**Remarks:** This organization takes great pride in the proper care and maintenance of the reflectors by promptly replacing missing or damaged reflectors and applying roundup to vegetation around base of the posts and cleaning them.

\*Since 1997 the deer population has doubled. A herd of 130 deer are within 0.75 miles of the site

