

# ROADWAYS & WILDLIFE

## THE PROBLEM

- Roadways fragment habitat, restricting wildlife's access to food, water, shelter and mates.
- Wildlife crossing attempts increase wildlife-vehicle collisions.
- Wildlife-vehicle collisions are costly and too often fatal.
- Restricted movements can decrease genetic diversity and wildlife's ability to adapt to a changing climate.

Every Year in the United States  
1-2 Million Wildlife-Vehicle Collisions Cause...

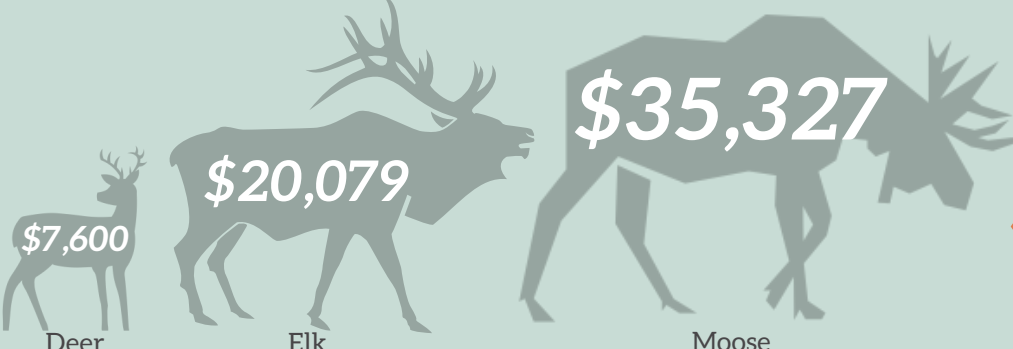
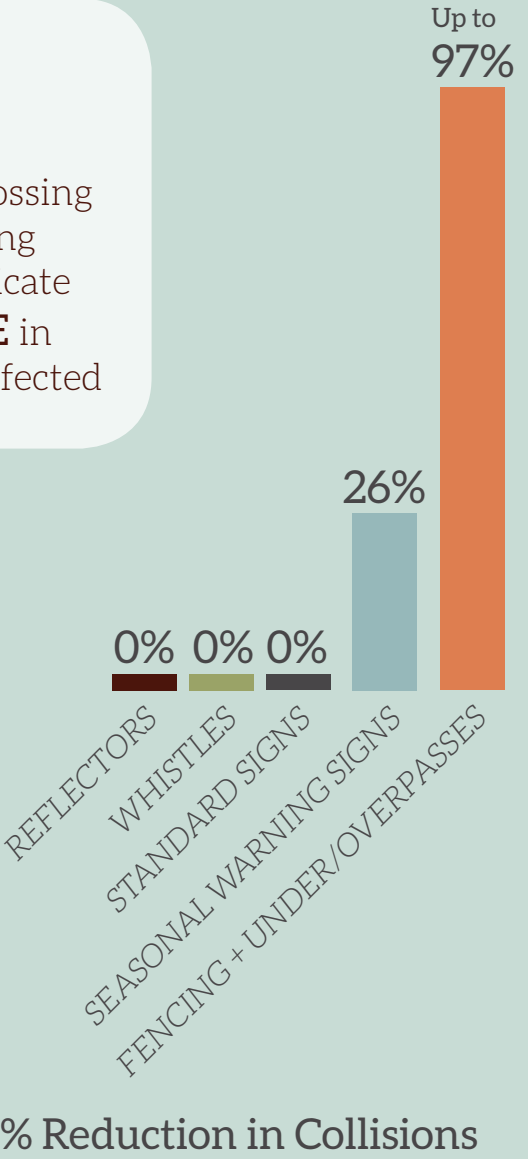
> **200** human fatalities  
> **26,000** injuries  
~ **\$9.7 Billion** in costs

## A SOLUTION

Highways are safer when wildlife are separated by crossing structures, such as overpasses, underpasses **and** fencing.

## EFFECTIVE? Absolutely!

Data collected from studies of crossing structures with wildlife fencing throughout North America indicate up to an **86-97% DECREASE** in wildlife-vehicle collisions upon affected roadways.



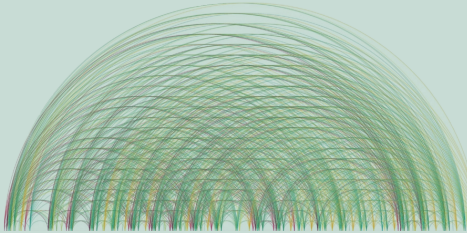
## HOW TO HELP

- Investigate highway projects in your state and their potential to make roads safer for wildlife and people.
- Recommend science-based mitigation measures to your State Department of Transportation.
- Consider joining a local conservation group working to reduce the barrier effect of roads on habitat connectivity.
- Get involved with county or local-level initiatives that create safe passage for wildlife and motorists.

## WORTH THE COST? Yes!

The costs of collisions to society often outweigh the costs of building wildlife crossing structures. Placing structures along road segments with as few as 5.1 deer collisions per mile per year creates net public benefits.

ARC



Produced by Alyson Morris, Rob Ament and Renee Callahan

For More Information Please Visit: [arc-solutions.org](http://arc-solutions.org)

Car Accident - Moured Mokrane, RU | Deer - Graham John Pegg, CA | Bridge - Alex Fuller, US | Bear - Sergy Demushkin, RU | Moose - Yichen, CA | Sheep - Normon Ying, US | Car - Rflor | Fence - Adam Simpson, US

THE CENTER FOR  
**LARGE LANDSCAPE  
CONSERVATION**