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

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.

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.

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.

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.

ROADWAYS & WILDLIFE

Every Year in the United States
1-2 Million Wildlife-Vehicle Collisions Cause...
- > 200 human fatalities
- > 26,000 injuries
- ~ $9.7 Billion in costs

Average Cost of a Collision by Species (In 2016 US Dollars)
- Deer: $7,600
- Elk: $20,079
- Moose: $35,327

% Reduction in Collisions
- Reflectors: 0%
- Whistles: 0%
- Standard Signs: 0%
- Seasonal Warning Signs: 26%
- Fencing + Under/Overpasses: Up to 97%

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For More Information Please Visit: arc-solutions.org