



Singles cruises:  
The best way to  
travel solo



The trick for your  
brain to learn a  
new language  
fast



The secret  
method the FBI  
uses to speak  
new languages

Advertising by: [ARAlifestyle.com](http://ARAlifestyle.com)

FREE  
TheEpochTimes  
e-NEWSLETTER

Join  
Now

# The Epoch Times

Google™ Custom Search

[Get home delivery](#)

Home Nation World China Business Opinion Science Technology Arts & Entertainment Health Life Sports Topics  
Print Edition

## Design Competition Seeks to Make Wildlife Crossings Safer

By Sophia Bronwen  
Epoch Times Staff

Created: Jan 16, 2011  
Last Updated: Jan 20, 2011

Facebook Digg StumbleUpon Twitter TEXT SIZE PRINT EMAIL FEEDBACK

Related articles: [Canada](#) > [National](#)



Three moose walk across a road in Pinedale, Wyoming. A Canadian team has made the short list in an international design competition to help solve the problem of dangerous roadway collisions between wildlife and vehicles. (Michael Smith/Newsmakers)

A Canadian team has made the short list in an international design competition to help solve a worsening dilemma on roadways in many countries: dangerous collisions between wildlife and vehicles.

Among the five finalists is a team led by Toronto [Landscape](#) Architecture firm Janet Rosenberg & Associates, which has been engaged in the revitalization of Toronto's waterfront.

The competition was initiated by the Western Transportation Institute at Montana State [University](#) and the Woodcock Foundation in New York City, with support from a variety of Canadian and U.S. state agencies and

organizations.

The creators of the ARC International Wildlife Crossing Structure Design Competition sought entries that showed "innovation in feasible, buildable, context-sensitive, and compelling design solutions for safe, efficient, cost-effective, and ecologically responsive wildlife crossings," according to ARC's website.

The first of its kind, the competition was open to landscape architects, transportation and structural engineers, and ecologists worldwide. The goal is to raise international awareness of a need to "better reconcile the construction and maintenance of road [networks](#) with wildlife movement," ARC said.



*The ideas brought forward in this competition are making us think about how to build these structures in new ways.*

— Tony Clevenger



The creators chose a site with ongoing serious problems of animal movement along the heavily travelled West Vail Pass on busy Interstate Highway 70 near the ski centre of Vail, Colorado.

### Selected Topics from The Epoch Times



How to keep your PC clean and quick



Cruise specials for those 55 or older



Feeling down? How to relieve stress and live happier

Ads by Google

[Address Your Heart®](#)

Join the Campaign to Address Your Heart® With Campbell's® Soup Co.  
[www.CampbellsAddressYourHeart.com](http://www.CampbellsAddressYourHeart.com)

[Eco-Friendly Designs](#)

Try Autodesk® 3D Design Software For More Eco-Friendly Designs.  
[Autodesk.com/SustainableDesign](http://Autodesk.com/SustainableDesign)

[Landscape Architecture](#)

Call 760-777-9131 for design help. 28 years experience serving So Cal.  
[www.hermannandassociates.com](http://www.hermannandassociates.com)

[Landscape Architecture](#)

K L L A Boston  
535 Albany St,

The highway bisects a critical habitat of a thick mountain forest heavily populated with wide-ranging species including black bears, cougars, bobcats and lynx, coyote, elk, deer, and marten.

In the U.S., crashes between wildlife and motor vehicles have grown by 50 percent in the last 15 years, according to the Federal Highway Administration, with estimates as high as two million collisions annually.

Canada is also seriously challenged by the problem. However, the system of wildlife crossings in Banff, Alberta, is viewed as among the world's best and most successful. There are now 41 crossing structures along 75 kilometres of highways, including six overpasses.

Related Articles

- [Brangelina: \\$2 Million Donated by Brangelina to African Wildlife](#)
- [Wildlife Trusts Concerned Over Impact of Cuts](#)

Even so, Alberta wildlife ecologist and research scientist Tony Clevenger, one of the jurors for the competition, says there's room for improvement.

"Banff is the world leader in wildlife crossings but they're in a static mould and the price of the structures keeps going up and up. The ideas brought forward in this competition are making us think about how to build these structures in new ways."

In five spectacular designs, landscape architects have created large, landscaped convex arcs which appear as a habitat continuous with the surrounding forest and promise to allow wildlife species to move safely over I-70. The designs can be viewed at [www.arc-competition.com/finalists.php](http://www.arc-competition.com/finalists.php).

Each of the five finalists will be awarded \$15,000 for the [excellence](#) of their designs, while the winning team will receive \$40,000.

It is expected the winning design will inspire other structures as well as revolutionize and popularize the notion of crossing structures given the exacting criteria of the competition, which include cost-effectiveness, ecological sensitivity, sustainability, and high standards of human and animal safety.

A [presentation](#) by the five finalists and the selection of the winner will held in Washington, D.C., on Jan. 23.

[Earn A Degree Or Cert](#)  
 Online Colleges With Programs In Art, Design, Video Games, Fashion ...  
[EarnMyDegree.com](http://EarnMyDegree.com)  
[Secrets of Design Wizards](#)  
 Attend Gravity Free: The Great Multidisciplinary Design Conference  
[www.exhibitoronline.com](http://www.exhibitoronline.com)  
[Classes for Wildlife Tech](#)  
 Enjoy Working Outdoors? Learn to Manage & Protect Natural Resources!  
[eLearners.com/Forestry&Wildlife](http://eLearners.com/Forestry&Wildlife)

Ads by Google

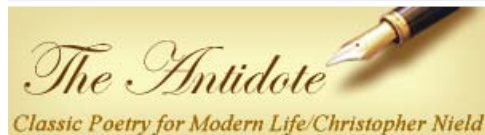
[Rated Landscaping Costs](#)  
 Find Insured Landscaping Pros Now! Get Estimates From Local Pros.  
[Landscaping.RealtyNow.com](http://Landscaping.RealtyNow.com)  
[Pedestrian bridge](#)  
 aluminum pedestrian bridges as per AASHTO and CSA S6-06  
[www.maadigroup.com](http://www.maadigroup.com)  
[Landscaping Hawaii](#)  
 Aloha 'Aina Landscaping Residential Sprinkler Fencing and Masonry  
[www.alohaainalandscapingllc.com](http://www.alohaainalandscapingllc.com)

Ads by Google

Boston MA 02118  
[www.kl-la.com](http://www.kl-la.com)

Advertising provided by:  
[ARALifestyle.com](http://ARALifestyle.com)

**Selected Topics from The Epoch Times**



**Ads by Google**

- [Wildlife Hunting](#)
- [Landscape Design](#)
- [Garden Design](#)
- [Patio Design](#)
- [Fence Design](#)

**Ads by Google**

- [La Traffic Info](#)
- [UK Traffic Info](#)

**Latest News from The Epoch Times**

- [John F. Kennedy's Inaugural Address: 50th Anniversary of JFK's Iconic Address](#)
- [Gabrielle Giffords Able to Stand](#)
- [Larger Than Life 'Cake Boss' Does Show in Ottawa](#)
- [Disney Fantasyland to Feature 'Snow White' Indoor Roller Coaster](#)
- [Crab Filled Chicken Breasts](#)



[Subscribe](#) | [Print Edition](#) | [Other Languages](#) | [Advertise](#) | [About Us](#) | [Contact Us](#) | [RSS Feeds](#)

National Editions: [Australia](#) | [Canada](#) | [Ireland](#) | [New Zealand](#) | [United Kingdom](#) | [United States](#)

Languages: [Chinese](#) | [Korean](#) | [French](#) | [German](#) | [Spanish](#) | [Japanese](#) | [Russian](#) | [Ukrainian](#) | [Hebrew](#) | [Romanian](#) | [Bulgarian](#) | [Slovak](#) | [Swedish](#) | [Indonesian](#) | [Vietnamese](#)

**The Epoch Times** Copyright © 2000–2011  
[Privacy Policy](#) | [Rights and Permissions](#)