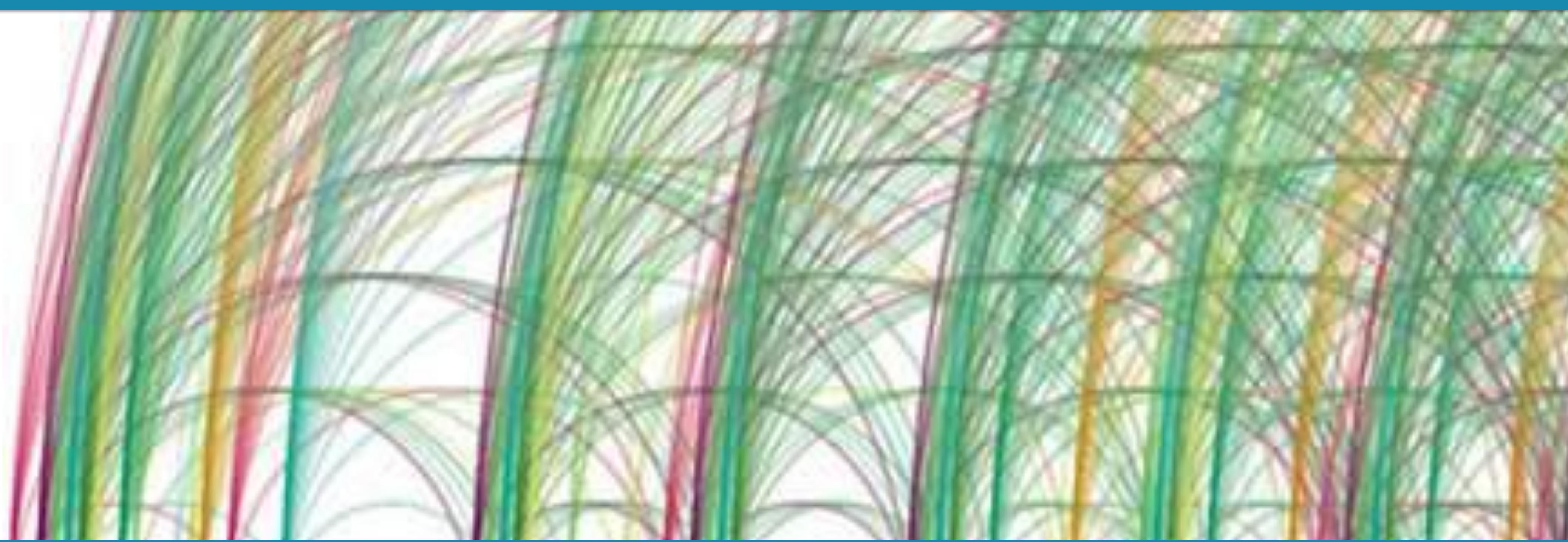


ARC

arc-solutions.org



NEW THINKING

NEW METHODS

NEW MATERIALS

NEW SOLUTIONS

Our mission

ARC Solutions is an international network seeking to identify and promote leading-edge solutions to improve human safety, wildlife mobility and long-term landscape connectivity. Originating in 2010 with the *ARC International Wildlife Crossing Design Competition*, ARC today fosters innovation to improve the placement, design and construction of wildlife crossings. ARC knows these are mitigation measures that work, and it seeks to share this knowledge to build support for safe passage.

Recent activities

Since the competition, ARC has worked to innovate, educate and motivate support for wildlife crossing systems in a variety of ways, including:

- 100+ public talks, lectures, papers and articles on ARC
- ICOET 2013: *Cultures and Crossings Forum*
- 500+ respondents to ARC's survey of DOT culture regarding wildlife crossings
- XING - a mobile interactive crossing exhibit and permanent install at Toronto Zoo
- NETWC 2014: *Bringing New Solutions for Wildlife and Roads to the Northeast*
- *Wildlife Crossings: The New Norm for Transportation Planning*, ITE JOURNAL 2015
- ICOET 2015: *Innovative Strategies to Reduce the Cost of Effective Wildlife Overpasses*
- *Wildlife Crossings: The Case for a Nationwide Commitment to a Systematic Network of Highway Crossings for Wildlife* (forthcoming)
- Ongoing work to identify opportunities to deploy next-generation wildlife crossings
- Actively seeking state DOT and other partners for a Transportation Pooled Fund Study on innovative crossing systems to reduce collisions and improve connectivity



As a result of these and other activities, ARC recently won the FHWA 2015 Award for Excellence in Environmental Leadership

Who is ARC?



U.S. Department of Transportation
Federal Highway Administration



WOODCOCK FOUNDATION



Parks Canada

Parcs Canada



RYERSON UNIVERSITY



THE CENTER FOR
LARGE LANDSCAPE
CONSERVATION



ZAIS ARCHITECTURE
INTERIORS
TRANSPORTATION
PLANNING

GALLIVANMEDIA



"We spend \$8 billion a year running over wildlife. If we took that cost and quartered it, we could build 200 animal crossings a year, and the problem of roadkill would disappear within a generation."
TED ZOLI, BRIDGE ENGINEER, MACARTHUR FELLOW & CO-LEAD, ARC COMPETITION WINNING DESIGN



ARC International Wildlife Crossing Design Competition – Five Finalist Designs