### Canada Transportation and Deer Archive

Some links to the original article may no longer be active, but the link will go to the original source where the full article may be found by searching that website. A snippet of information is saved here from copyrighted articles.

# 10 deer killed on Metro Vancouver highway in one month April 10, 2014 British Columbia, Vancouver Sun

... it opened just one month ago, the South Fraser Perimeter Road has become a highway of death for black-tailed deer ... while concrete highway dividers may be "great for keeping vehicles from colliding with one another," they also serve as a deterrent to safe crossings by wildlife ...

#### Banff Lynx captured on camera April 12, 2012 Canada, Edmonton Sun

...More than 50,000 deer crossings have also been tallied... Wildlife biologist Tony Clevenger who has headed up the monitori ng since 1996, said the efforts in Banff have served as an example to other jurisdictions about effectively helping animals cross busy roadways. ... To learn about the mitigation efforts, visit highwaywilding.org

<u>Characterizing Moose-Related Vehicular Collision Hotspots in North Central British</u>
<u>Columbia RV</u> Rea, CJJ Johnson, S Emmons - Journal of Fish and Wildlife
Management, 2014

... Based on these data, the mitigation of collision hotspots should include decommissioning roadside mineral licks where they occur and cutting roadside brush to improve driver visibility and reduce browse resprouting and attractiveness. Where new road construction or road realignments are being contemplated, we recommend considering routes with more lake area, more rivers, fewer swamps, and fewer black spruce forest/sphagnum bog habitats to help reduce collisions ...

Context-dependent effects on spatial variation in deer-vehicle collisions AP Clevenger,

M Barrueto, KE Gunson, FM Caryl... - Ecosphere, 2015

... Distance to water was an important predictor of WVCs in three of the five study areas, while other variables had modest importance in only two of the five study areas. Thus, lack of generality in factors predicting WVCs may have less to do with

methodological or taxonomic differences among study areas than the large-scale, biophysical context within which the data were collected ...

<u>Deer collisions mystify</u> December 2, 2011 Canada, Ontrio, London Free Press ...spike in vehicle-deer collisions in November has police wondering what's responsible ... A higher white-tail deer population may not be to blame. ...

"Most of south-central and southwestern Ontario continues to enjoy relatively stable populations, but the numbers have declined in some areas from 2007-2009," said Colin Higgins, a MNR wildlife biologist ...only one of the crashes resulted in someone being injured.

<u>Deer deaths bewilder Herb Gray Parkway construction officials</u> June 29, 2015 Ontario, dailycommercialnews.com

... The deaths have occurred as the deer apparently have run off at least one unfinished overpass, Matchette Rd., where so-called exclusion fences weren't yet completed. But there have been similar incidents ... once the expressway is completed it will have a unique 120-hectare interlocking natural park and trail system atop the 11 extended tunnels...

Deer falling to their death on parkway overpass June 1, 2015 Ontario, Windsor Star ... deer unfamiliar with the new landscape have run to their death off an overpass of the new \$1.4-billion Herb Gray Parkway... Ontario transportation ministry officials acknowledged Monday the change in terrain and their growing numbers has caused an issue with deer falling off an overpass of the parkway...

<u>Deer fence tender awarded</u> August 9, 2011 Canada, Fort Frances Times

..we're getting a nice fence out of this to keep the deer off the runway, for safety reasons," Coun. Ryan noted. As previously reported, the local airport has experienced problems with deer on the runway for the past ...The tender was awarded to Wilco Contractors Superior Inc. at an estimated cost of \$381,743.38

<u>Deer on the move</u> November 2, 2013 Ontario, St. Catharines Standard ... The Ministry of Transportation said there were 13,185 vehicle-wildlife collisions across the province in 2010. This is a peak time for collisions with deer. White-tailed deer search for mates during the November and December "rut" season and also move from summer feeding areas to winter homes...

### <u>Deer sensors tested on BC highways</u> April 20, 2016 British Columbia, 24 Hours Vancouver

... sensors are capable of detecting large animals from as far as 1,200 metres away ... Using radar and thermal cameras, the system covers the highway and shoulder on both sides of the roadway, and a warning to drivers will activate within three seconds of an animal entering a detection zone...

<u>Deer tiny factor in car crashes</u> December 29, 2011 Canada, Victoria Times Colonist, By Dale Lovell

... In 2010, there were nearly 20,000 accidents in the CRD; less than one per cent involved collisions with deer. None of the accidents involving deer were fatal, except, of course, to the deer. If we are serious about improving safety on our roads, we will have to focus on the real problem - too many vehicles and too many careless drivers. Culling the deer will do nothing, in the long term, to make our roads safer.

### <u>Deer whistles work to prevent collisions with wildlife?</u> May 1, 2012 Canada, Globe and Mail

... Rob Found, a PhD candidate and wildlife researcher associated with the University of Alberta, agrees that whistles are marketed on flawed evidence. "The bottom line is they don't work. ... They've done a number of tests on these whistles, and a lot of them are actually outside the range of the hearing of deer or other ungulates that would be on the roads. Another problem is they tend to be a low frequency, and the volume really blends into the noise of the vehicles ...

### <u>Delta's newest highway a deer killer</u>February 12, 2014 British Columbia, Abbotsford News

... The newly opened South Fraser Perimeter Road cuts a direct path through Delta's pastoral landscapes and alongside pristine peat forest, but the deer living along the corridor aren't adjusting as well as their lead-footed neighbours. According to the province's accident reporting system at least 10 deer have been struck and killed by cars since the highway opened ...

#### <u>Dodge the Deer: Wildlife-Detection System Means Safer Roads</u> April 4, 2012 Ontario, Today's

#### **Trucking News**

The Ontario Ministry of Transportation ... has received positive feedback ... an infrared signal is interrupted by the presence of an animal, activating a warning device for motorists. Another pilot study on Highway 11 uses thermal sensor technology with an integrated camera, which detects heat sources and triggers a warning device to caution motorists while capturing a photo of the animal.

## Edmonton biologist urges cities to cull roadkill July 1, 2011 Canada Transportation CBC.ca

University of Alberta biologist Mark Boyce says the city can reduce vehicle collisions with deer by better sightlines and lower speed limits... he found that the most dangerous roadways share three features; bushes that run to the roadside, pass through a landscape of farms and forest and higher speed limits. "The worst places are where the vegetation comes right up to the road and the deer are in front of you before you know what happened," he said. The city needs to reduce speed limits and trim back vegetation along roadways and intersections frequented by deer, he said.

#### <u>Fence keeping deer off runway</u> December 1, 2011 Canada, Fort Frances Times

The new deer fence at the Fort Frances Airport has been doing its job.... since it's been up, no deer have been inside it.... The fence, about five km in length, is a 2.4-metre high, fixed-knot game fence complete with two-strand high-tensile wire. Funding for the fencing ... \$589,900,

Fort Frances: Wildlife fence being installed September 16, 2011 Canada, Fort Frances Times

Work is underway at the Fort Frances Airport to install the five-kilometre long fence around the property so deer don't get onto the runway....The fence will be a 2.4-metre high, fixed-knot game fence complete with two-strand high-tensile wire....Funding for the fencing to the tune of \$589,900 was announced June 29 through Transport Canada's Airports Capital Assistance Program (ACAP).

### <u>Highway 26 alignment in Ontario looks out for deer</u> February 21, 2013 Canada, Daily Commercial News

... Controlling the movement of deer was a major design and planning issue in the soon-to-be-completed construction ... The crossings are two 8.5-metre-wide,

3.25-metre-high culverts. To make deer feel safe and allow them to see to the other side and also to spot predators, the median of the highway was left open at the culverts to allow natural light into the passage. "This (the open median) is more inviting for deer to move from one side of the highway to the other." ...

<u>Is it now Deer Valley Parkway? [few deer collisions in Toronto]</u> January 13, 2012, Town Crier Newspapers

... Despite its large number of parks and vehicles Toronto had the fourth fewest number of reported wildlife/motor vehicle collisions in 2008, the latest year for which Ontario's Ministry of Transportation can provide such data... "They compile the data and then will assess if there's enough collisions that it warrants putting up cautionary signs," he said

<u>Kootenay taking steps to protect Hwy 93 wildlife</u> May 14, 2015 British Columbia, rmoutlook.com

... On a typical summer day, more than 5,000 vehicles travel Highway 93 South, and in recent years, an average of 50 large animals have been killed on the highway every year. Roads are also barriers to wildlife searching for food, shelter and mates. The most commonly killed animals are white-tailed deer ...

Manitoba: Rising deer population: to cull or let crash? January 14, 2012 Canada, Winnipeg Free Press

... For every person who thinks greater wildlife control is required to reduce the number of accidents, someone else thinks nature should simply be left alone.... a City of Winnipeg report released this week show the number of deer collisions has steadily risen in Manitoba in recent years -- from 6,330 in 2005 to 7,475 in 2010... it would cost \$700,000 to build a 10-kilometre perimeter. ... it's difficult to tell whether the deer population has increased or decreased since the province has not done a recent wildlife survey in the area or in Winnipeg..

Parkway construction gives wildlife the boot January 4, 2012 Canada, Windsor Star

... several natural areas have disappeared during construction of the \$1.4-billion Windsor-Essex Parkway ... Wings Wildlife Rehabilitation took in 24 orphan deer ... "The deer are getting confused (with the presence of heavy equipment) and we are finding more babies not with their mothers," ... Following fence installation in the parkway construction corridor, it's become common to find mother deer ending up on one side and babies on the other ...

Road kill takes a terrible toll on wildlife September 17, 2016 British Columbia, Pentiction Western News

... B.C. Ministry of Transportation statistics show that almost 10,000 large animals are reported killed on provincial roads each year but they believe the actual number is perhaps three to four times larger with many injured animals wandering off the road to die ... About 80 per cent of the animals killed are deer while moose, elk and bear make up most of the remaining 20 per cent ...

Roadside Deer Detectors May Make Canada's Streets Safer For All November 7, 2013 petslady.com

... The radar's software scans the highway for objects, and then checks the size and speed of each one. When the system picks up a lumbering elk or moose, warning lights blink above a classic yellow, diamond shaped "Watch out for deer" icon sign with the words "INCREASED RISK WHEN FLASHING" underneath. The system is currently being tested on the well-traveled Highway 138, which leads from Ottawa to Montreal...

South Fraser Perimeter Road a dead end for deer January 21, 2014 British Columbia,
The Vancouver Sun

... when it opened just one month ago, the South Fraser Perimeter Road has become a highway of death for black-tailed deer ... evidence that grasses used to firm up the ground are also an attractant... Raccoons, birds and a beaver have also been killed ... concrete highway dividers may be "great for keeping vehicles from colliding with one another," they also serve as a deterrent to safe crossings by wildlife, he added.

Strategic deer warning signs reduce accidents October 12, 2011 Canada, CBC.ca ... Canadian researchers say the number of collisions could be reduced by putting more thought into where warning signs are placed. ... The team identified 28 hotspots within the city limits before placing warning signs in 14 of these locations ... The team used a standard-sized diamond-shaped sign, enhanced with a "1.6 km" tag below....The researchers found that 77 per cent of U.S. and Canadian transport agencies rarely, if ever, employ prevention strategies for new projects, and when warning signs were put up, they were often placed arbitrarily...

<u>Technology versus deer: Early warning radar could save drivers' lives</u> December 30, 2013 Canada, Ottawa Citizen

... among the worst spots in Eastern Ontario for car-deer collisions. Since radar detection systems were installed along that zone and at another trouble spot on Hwy.

416 near Kemptville, however, safety officials have watched drivers slow by an average 15 per cent when roadside warning lights flash...

Thunder Bay: Deer and cars: A dilemma July 25, 2011, Canada,

The Chronicle Journal

Neebing ... seeks a report that "identifies the changes in the city deer population, the number of deer-related motor vehicle accidents and other issues ..." ... A growing urban deer herd in Kenora has twice prompted consideration of an extension of hunting season... But the Ministry of

Natural Resources there has said the only justification for controls is conservation, such as deer eating rare plants. Residential gardens don't count...."To my knowledge there's never been a cull in association with urban concerns," Kenora MNR biologist Bruce Ranta said recently.

Toronto vet tranquilizes wayward deerMay 25, 2012, Canada, CBC.ca

... the deer was essentially trapped between the lake and one of the city's busiest highways ... the Toronto Zoo's chief vet ... able to shoot the deer in its hindquarters with a tranquilizer dart... the deer then fled, crashing into a guardrail and a chain-link fence before the dart took effect, causing him to collapse on the grass...

<u>U of A study could reduce cars hitting deer</u> June 29, 2011 Canada, Transportation, Edmonton Journal

By Ryan Cormier

A study painstakingly counted the number of deer hit by cars in the Edmonton area between 2003 and 2007. EDMONTON - A University of Alberta researcher has determined where Edmonton ...The collision sites formed "fairly striking patterns," Boyce said. The most dangerous roads often led through rural stretches, had high speed limits and high vegetation right up to the roadside that allowed deer to surprise drivers. The solutions are simple: Allow better sight lines along the roads and put more warning signs in those areas, Boyce said.

<u>Updated deer-vehicle collision maps on MPI website</u> December 12, 2012 Manitoba, MyStienbach.com

In efforts to raise awareness about deer collisions, Manitoba's public auto insurer has posted two, 'hot zones' maps on its website atmpi.mb.ca. On average, there are about 6,800 vehicle-deer collisions each year in Manitoba ... "The maps capture four years

(2007-11) of collected data," said MaryAnn Kempe, vice-president, Community and Corporate Relations ...

Warning signs can prevent deer-vehicle collisions, Canadian study shows October 12, 2011 Canada

Watch out for the wildlife! July 3, 2011 Canada, Transportation, British Columbia The Province In 2007 nearly 6000 wild animals were killed by vehicles, the majority deer ... "Deer take traditional trails that they have followed over generations to get to particular food sources. Unfortunately, when roads intersect these trails the outcome can be tragic." ... Some people attribute the high number of accidents involving deer to a population increase but Dubois says there is no clear data to indicate there has been a population explosion.

What to do if you hit a deer November 4, 2012 British Columgia, Victoria Times Colonist B.C. SPCA's Wild Animal Rehabilitation Centre cannot take adult deer - although they take orphaned fawns - so adults either have to hobble away on their own or be put down, manager Kari Marks said. "We can't take adult deer. They can't handle captivity."

Woodstock: No spke in deer collisions December 7, 2011 Woodstock Sentinel Review ... Ben Hindmarsh of the Alymer District Ministry of Natural Resources ... said there is nothing to indicate greater populations of deer this year... in neighbouring Perth County, a spike in vehicle-deer collisions in November has been noted. Perth County OPP reported a total of 68 vehicle-deer collisions in November, believed to be the most ever in a single month in the

county. That was a 74% increase over the 39 collisions reported in November 2010...Oxford OPP say the number of deer versus vehicle collisions is roughly about the same as last year.