

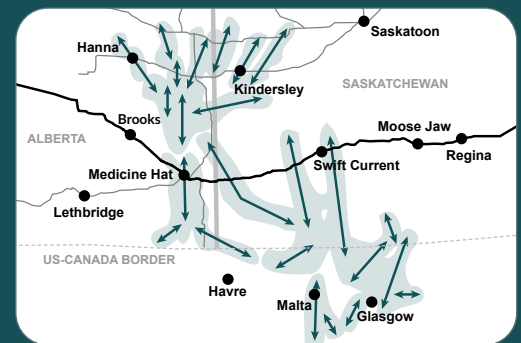


PronghornXing

Crossings for Conservation



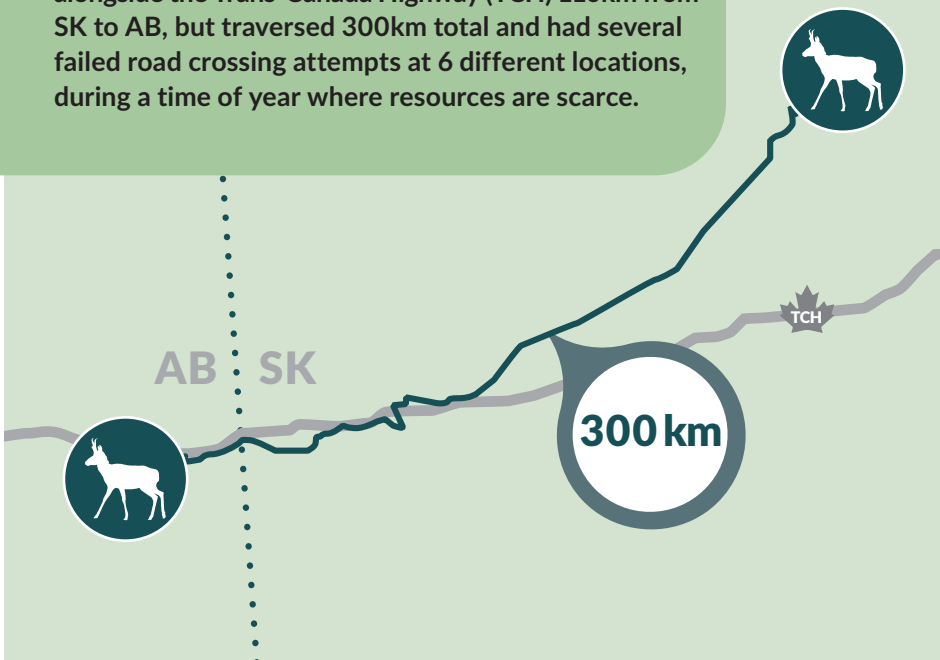
Grasslands are one of Canada's most threatened ecosystems. Many prairie animals need large, unbroken grasslands to survive, with some relying on migration between habitats as part of their life cycle.



PRONGHORN MIGRATION CORRIDORS

THE LONG ROAD HOME

Grassland species face many obstacles. For pronghorn roads pose a major challenge. Collisions with vehicles and the effort spent searching for safe crossing points can be deadly. Here's one collared pronghorn that moved alongside the Trans-Canada Highway (TCH) 110km from SK to AB, but traversed 300km total and had several failed road crossing attempts at 6 different locations, during a time of year where resources are scarce.



PRONGHORN ARE NOT ALONE

Prairie animals need to move, but we get in the way. Deer crossing roads are a risk for motorist safety. Species like badgers and rattlesnakes are put at-risk by habitat fragmentation.

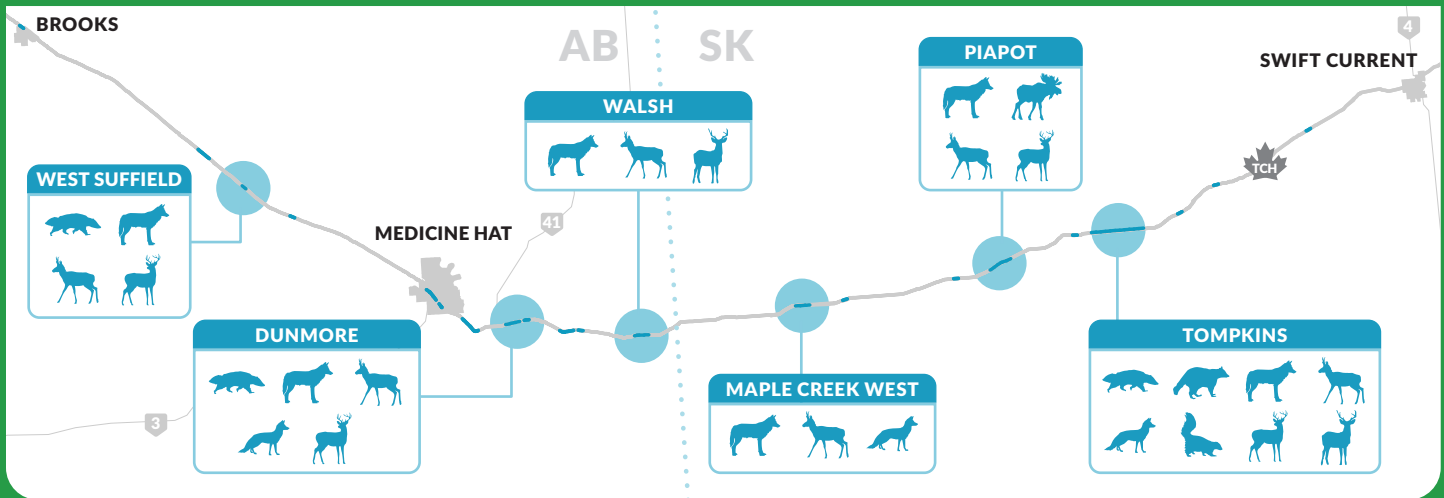


ROAD CROSSINGS ARE A SOLUTION!

Wildlife crossing structures help animals safely cross roads. Along the TCH between Brooks, AB and Swift Current, SK, we identified 21 sites that could form a road mitigation system to address both animal-vehicle collision risk, and multi-species movement. Six of those sites were prioritized to facilitate grassland multi-species movement.

When combined with wildlife-proof fencing along the road, a combination of structures to accommodate a variety of grassland species will result in improved safety for drivers and wildlife.

LEGEND			
	Badger		Raccoon
	Coyote		Red Fox
	Moose		Striped Skunk
	Mule Deer		White-Tailed Deer
	Pronghorn		21 Sites
			Priority Sites



Did you know?

That different species have different preferences and requirements for crossing structures? For example, **pronghorn prefer overpasses while mule deer prefer underpasses.**



AN EXAMPLE OF AN OVERPASS WITH WILDLIFE-EXCLUSION FENCING. PRONGHORN ARE KNOWN TO PREFER USING OVERPASSES.



AN EXAMPLE OF A WILDLIFE UNDERPASS. UNLIKE PRONGHORN, MULE DEER AND OTHER ANIMALS PREFER USING UNDERPASSES.

WHAT IS A ROAD MITIGATION SYSTEM?

A road mitigation system includes overpasses and underpasses to facilitate crossing of wildlife and is connected by wildlife-exclusion fencing to keep traffic flowing freely and increase motorist and wildlife safety.

PARTNERS

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