# PARTNERSHIPS PAVING THE WAY TO IMPLEMENTATION

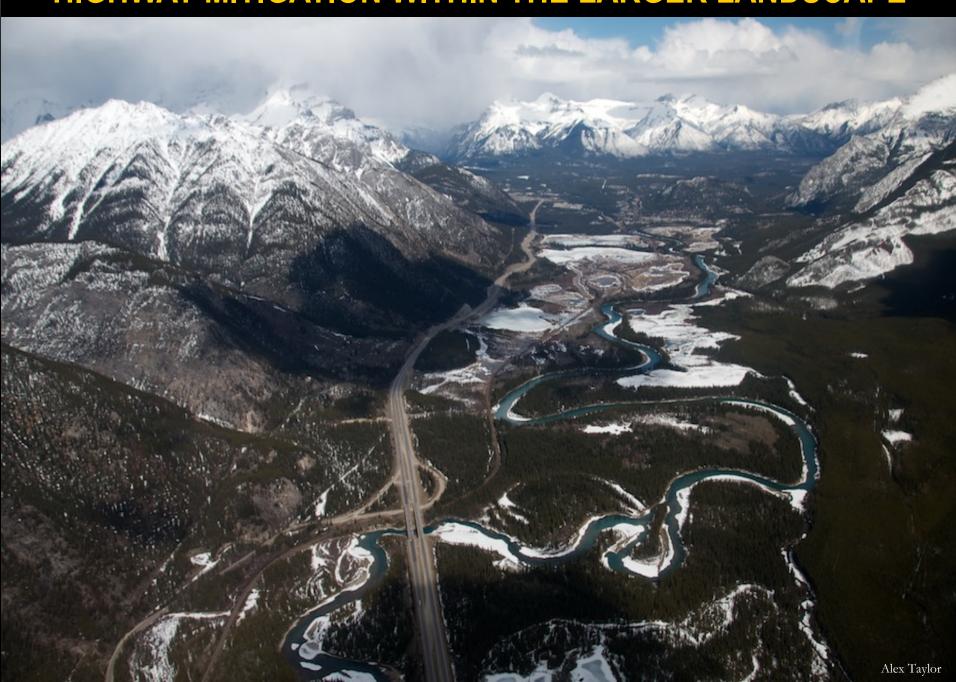
## MONTANA TRANSPORTATION & WILDLIFE SUMMIT HELENA, MT

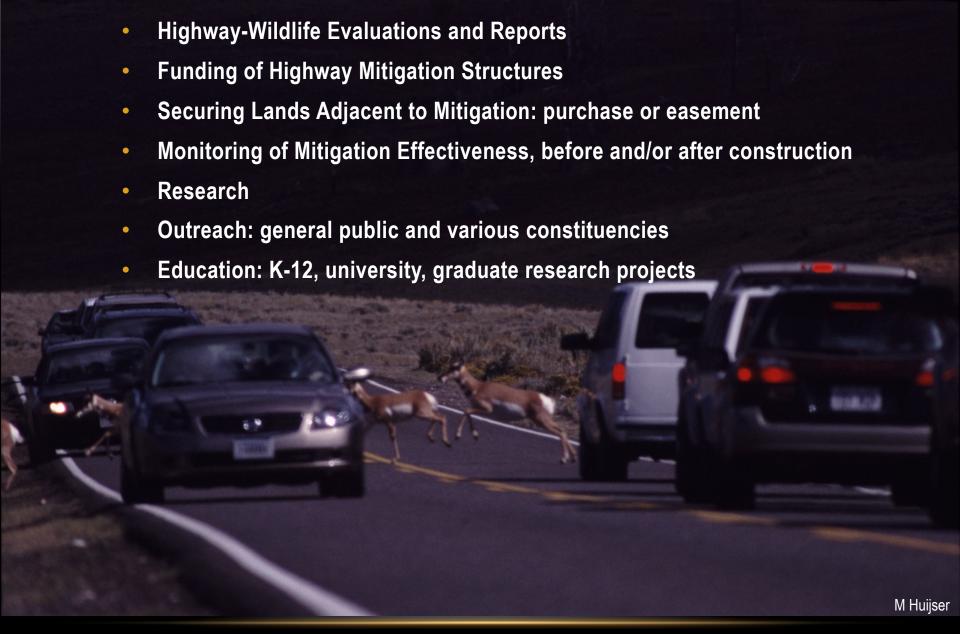
ROB AMENT
ROAD ECOLOGY PROGRAM MANAGER
WESTERN TRANSPORTATION INSTITUTE
MONTANA STATE UNIVERSITY



**DECEMBER 4-5, 2018** 

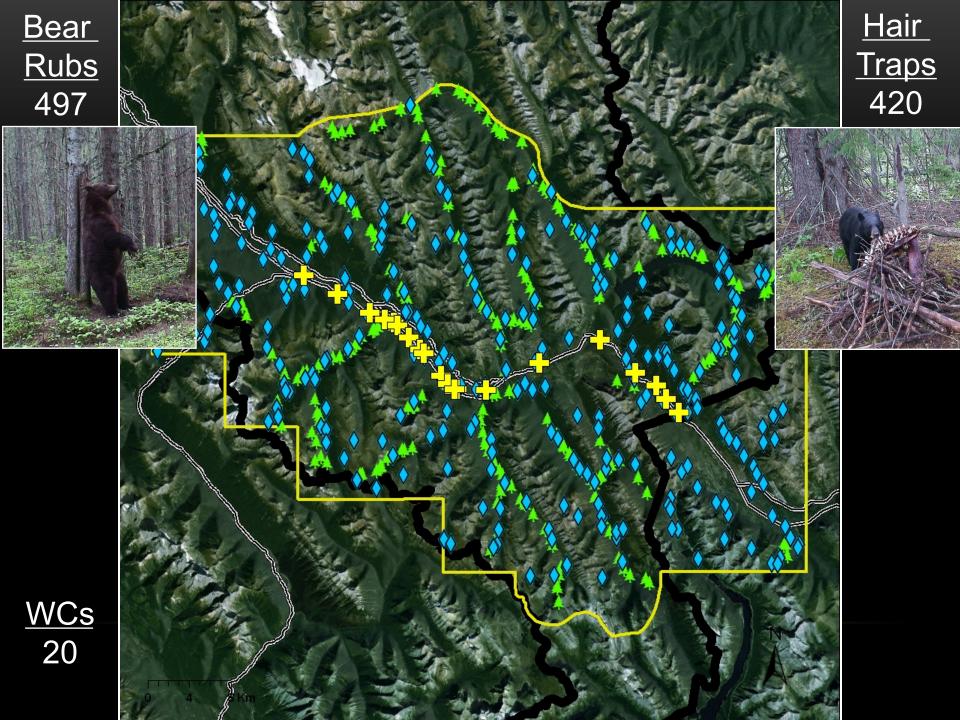
## HIGHWAY MITIGATION WITHIN THE LARGER LANDSCAPE





#### **OBJECTIVES OF PARTNERSHIPS**







- McLean Foundation
- Patagonia
- Alberta Sport Parks Recreation and Wildlife Foundation
- Greygates Foundation
- TD Friends of the Environment Foundation
- Shell Environment Foundation
- Small Change Fund
- National Geographic Society
- Disney Wildlife Conservation Fund
- John and Barbara Poole Family Funds at Edmonton Community Foundation
- Bow Valley Naturalists
- Yellowstone to Yukon Conservation Initiative
- Calgary Foundation
- Mountain Equipment Coop
- Lake O'Hara Lodge
- Alpine Club of Canada
- Wilburforce Foundation
- USDOT University Transportation Center

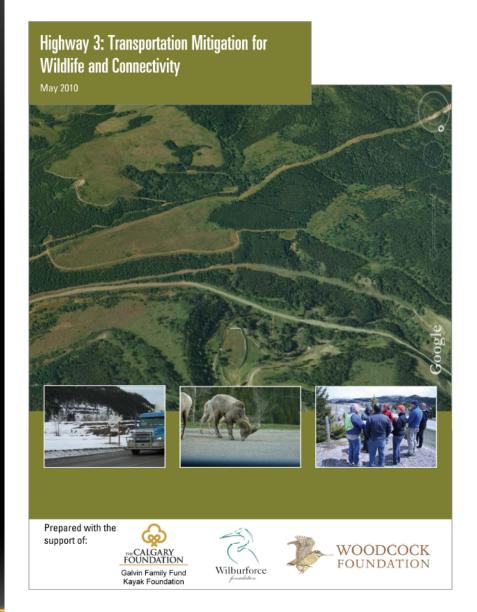
PARTNER FUNDING: \$733,818



## **HIGHWAY WILDING**

# PARTNERS: Miistakis Institute Nature Conservancy Canada Ptarmigan Consulting WTI Wildsight Y2Y

AGENCIES:
BC Ministry of Transportation
Alberta Transportation
Alberta Environment and Parks









#### **FUNDERS**:

**Teck Resources** 

Adaptive Management Initiative (Kresge Foundation)

Patagonia Environmental Grants Fund of Tides Foundation

Vancouver Foundation



Highway 3 /British Columbia and Beyond

#### ARC SOLUTIONS: NEW DIRECTIONS







## ARC INTERNATIONAL DESIGN COMPETITION COLORADO: INTERSTATE 70



















Parks Canada Parcs Canada















Habitat and Highways Campaign



Research and Innovative Technology Administration

RYERSON UNIVERSITY



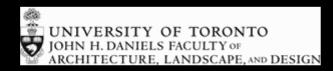






DRIVING THE DIGITAL RAILWAY >>









## I-80 OVERPASSES



**PEQUOPS SUMMIT, NEVADA** 

#### Wildlife Vehicle Collision Reduction and Habitat Connectivity

**Committed:** 

**NEVADA ARIZONA CALIFORNIA IOWA OREGON** 

**Processing: MINNESOTA WASHINGTON** 

TOTAL COMMITTED: \$615,000 and growing





"...built build upon the efforts of the public and private partnerships .....Nevada Department of Transportation, the FHWA, the Western Transportation Institute – Montana State University, and ARC Solutions."



**CO State Highway 9 near Silverthorne** 



## **State Highway 9**



CDOT: Responsible Acceleration of Maintenance and Partnerships 20% local match with 80% fed funds

Citizen group led the fundraising effort

\$4.9 M Blue Valley Ranch

\$3.1 M Grand County

\$250,000 Summit County

\$931,000 Organizations and Individuals

### **State Highway 9 CO**

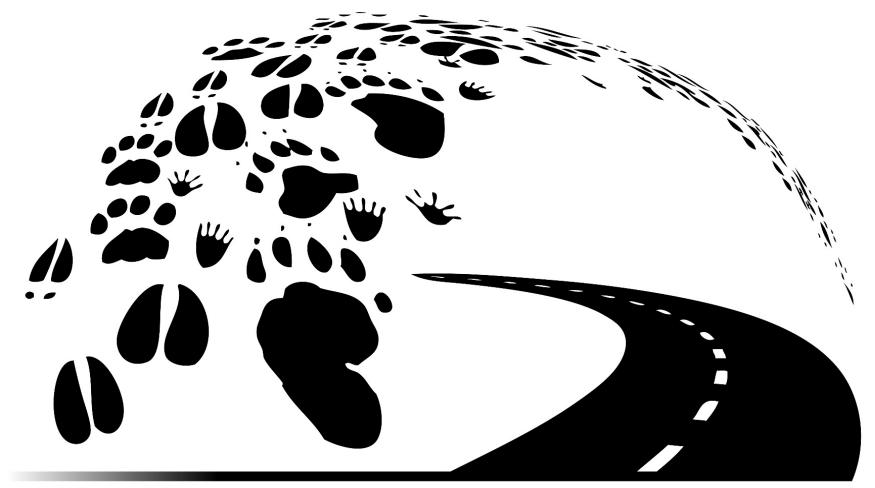
#### 2014 MT TWS Biologist of the Year: Pat Basting



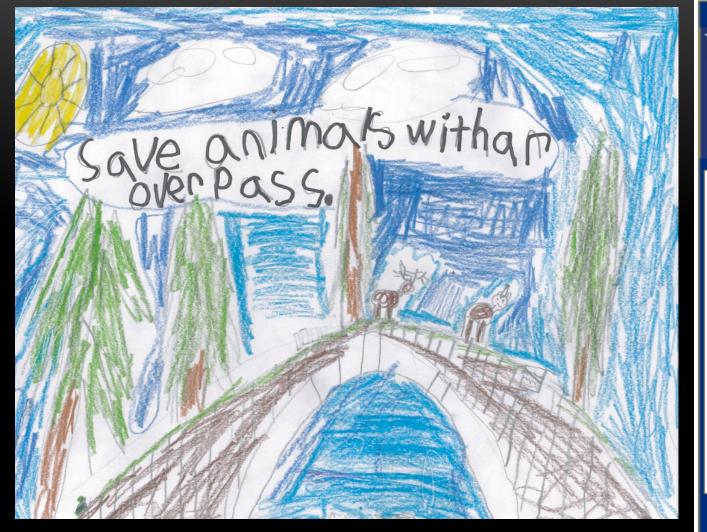
**MONTANA STATE HIGHWAY 206 – Flathead Valley** 



#### **MONTANA STATE HIGHWAY 206**



# PEOPLE'S WAY PARTNERSHIP



PARTNERS: CSKT, WTI, DOW, MDT

#### US HIGHWAY 93 WILDLIFE MITIGATION



Wildlife considerations in highway design reduce animal-vehicle collisions and allow wildlife to cross the highway safely

PEOPLES WAY PARTNERSHIP, MONTANA

FINAL PHASE OF MOTORIST SAFETY PROJECT: \$2.8 M

9 MILES OF FENCING
- BIGHORN SHEEP AND MULE DEER



Wenatchee Sportman's Association: \$10,000

Seattle Sportsmen Conservation Foundation: \$10,000

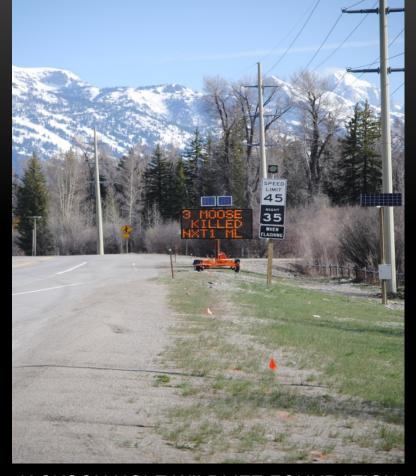
Washington State, Foundation for North American Wild Sheep: \$10,000

State Farm Insurance: \$5,000

Mt. Vernon Mule Deer Foundation: \$2,132

Central Washington Mule Deer Foundation: \$1,036

#### **US HIGHWAY 097A, WASHINGTON**



#### **JACKSON HOLE WILDLIFE FOUNDATION**

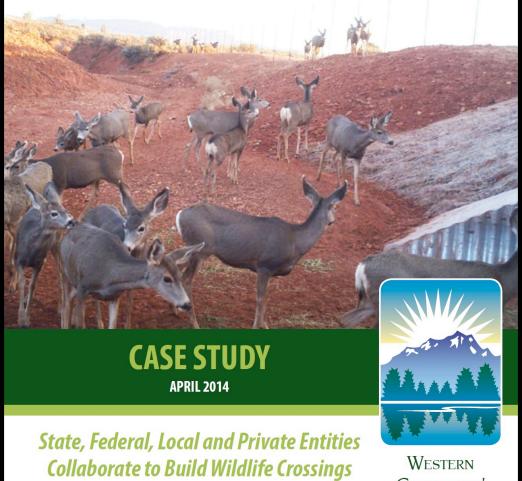
- 6 Dynamic Message Signs for WYDOT
- 2 DMS for Grand Teton National Park
- 2 Fixed Radar Signs

MOU for WYDOT to Deploy Signs

#### **TETON COUNTY, WYOMING**



FEDERAL LANDS PARTNER PROGRAMS



State, Federal, Local and Private Entities Collaborate to Build Wildlife Crossings along a 12-Mile Stretch of Highway 89 in Southern Utah

A significant number of wildlife-vehicle collisions led Utah officials to design highway crossings using a combination of sound state wildlife data, entrenched community knowledge, and productive relationships with federal and local partners.

WESTERN
GOVERNORS'
ASSOCIATION

westgov.org



Arizona Game and Fish Department and Sportsmen	\$130,000
Utah Department of Wildlife Resources and Sportsmen	\$100,000
GSENM: FHWA Public Roads Grant	\$1,525,000
GSENM: Cultural Resources Staff Support	\$10,000
UDOT R-4 Transportation Enhancement	\$625,000
Kane County (estimated)	\$125,000
Mule Deer Fdn-Sportsmen for Wildlife: Signs & Fence Ma	intenance $2,000$
Partnership Total	\$2,517,000

## **US HIGHWAY 89, UT**

#### State Highway 21 near Boise Wildlife Management Area, IDAHO





#### PROPOSED 150 FT OVERPASS

 FENCING TO CONNECT TO EXISTING UNDERPASS
 MAJOR MULE DEER MIGRATION CORRIDOR

MAJOR FUNDING: FLAP

#### SH-21 Wildlife Overpass at Cervidae Peak, MP 19.32

















FEDERAL LANDS HIGHWAY Federal Highway Administration



People, Partners, Projects



QUESTIONS or COMMENTS?