Moose Vehicle Collision Mitigation:
The Expanded Toolbox
Alaska averages 700 MVCs a year
Alaska MVCs and Traffic

6 people died from moose collisions in 2007
The Moose Vehicle Collision Toolbox

- Fencing
- ElectroMATs
- Jumpouts
- Crossings
- Roadside Measures
WILDLIFE FENCING
Fencing is essential
ELECTROBRAID MOOSE FENCE

- 25 year warranty
- Continuously monitored
- Quickly repaired by one man with hand tools
- Requires a standby serviceman for a few hours a year

Certified Safe for a 2 year old child (by UL)
ElectroBraid Moose Fence
ElectroBraid Moose Fence in winter
ElectroBraid Moose Fence in rough terrain
ElectroBraid for Elk and Deer
ELECTROBRAID can be installed in the rockiest terrain

where steel fence would cost $50 a foot, or more
IT WILL STAND UP TO ALMOST ANY WEATHER

Buried under a fallen tree, the fence still shocks
After a big storm, when the ice melts, the fence springs back
After a flood, clear the debris and the fence can be as good as new
ElectroBraid is almost invisible along a scenic highway.
Snow and ice trials with Washington DOT

A combination of 4’ of woven wire fence with 4’ of ElectroBraid is resilient and easily repaired
ElectroBraid Fence Effectiveness

BELLEDUNE HWY 11 ANNUAL SIGHTING REPORTS

NUMBER OF MOOSE SIGHTED

IN THE CONTROL ZONES
622 MOOSE SIGHTINGS
INSIDE THE ELECTROBRAID FENCE
13 MOOSE SIGHTINGS
ElectroMAT
ElectroMAT across a dirt road
ELECTROMAT at WASILLA AIRPORT

- No moose inside the fence since 2005
- No problems with snow or ice
- No maintenance or repair
ELECTROMAT: I-40, New Mexico
Installed on a 12” Concrete Bed
Escape Ramps
Arizona Jumpout - $30,000
ElectroBraid Jumpout - $8,000
ElectroBraid Jumpout - $8,000
ElectroBraid Jumpout
Wildlife Crossings
Banff Overpass
Arizona Underpasses
Alaska Underpass used by moose
A Banff underpass, 16’ high by 40’ wide, is rarely used by moose.
AN AT GRADE CROSSWALK

Located where animals naturally cross the road
The camera identifies moose in the Detection Zone
AN ADVANCE WARNING SIGN

flashes when an elk is in the Crosswalk
ELK CROSSWALK, AZ
ELK CROSSWALK
SR 260, Payson, Arizona

Results to date

Zero Elk Vehicle collisions in 20 months
(22 collisions in the previous 20 months)
A prospective
Alaska Application
for ElectroBraid

Minnesota Drive
Anchorage, Alaska

MVC Mitigation
Minnesota Drive Crosswalk

- Moose Crossing 1000 FEET
- CAUTION MOOSE DETECTED
- MOOSE W/ FLASHING LIGHTS
Minnesota Drive Crosswalk
Roadside Measures
Roadside vegetation should be cleared in known collision areas
Moose live (and die) on roads when the snow’s too deep to travel
In Alaska, man made trails for moose keep them off roads and railroad tracks.
200 miles of moose trails were cleared in 2007
Moose Force One is operated by the Alaska Moose Federation
ALASKA IS A LEADER

1. The Glenn Highway was the first highway fenced for moose (and possibly any animal) in the USA.

2. Alaska set the stage for Banff and Arizona

3. Wasilla had the first ElectroMAT installation

4. Alaska will likely be the first jurisdiction:
   - with comprehensive MVC mitigation
   - directed by the Governor of the State
   - with cooperating agencies and an NGO
Thank you very much

Please visit www.electrobraid.com
to watch additional wildlife videos
and for additional information