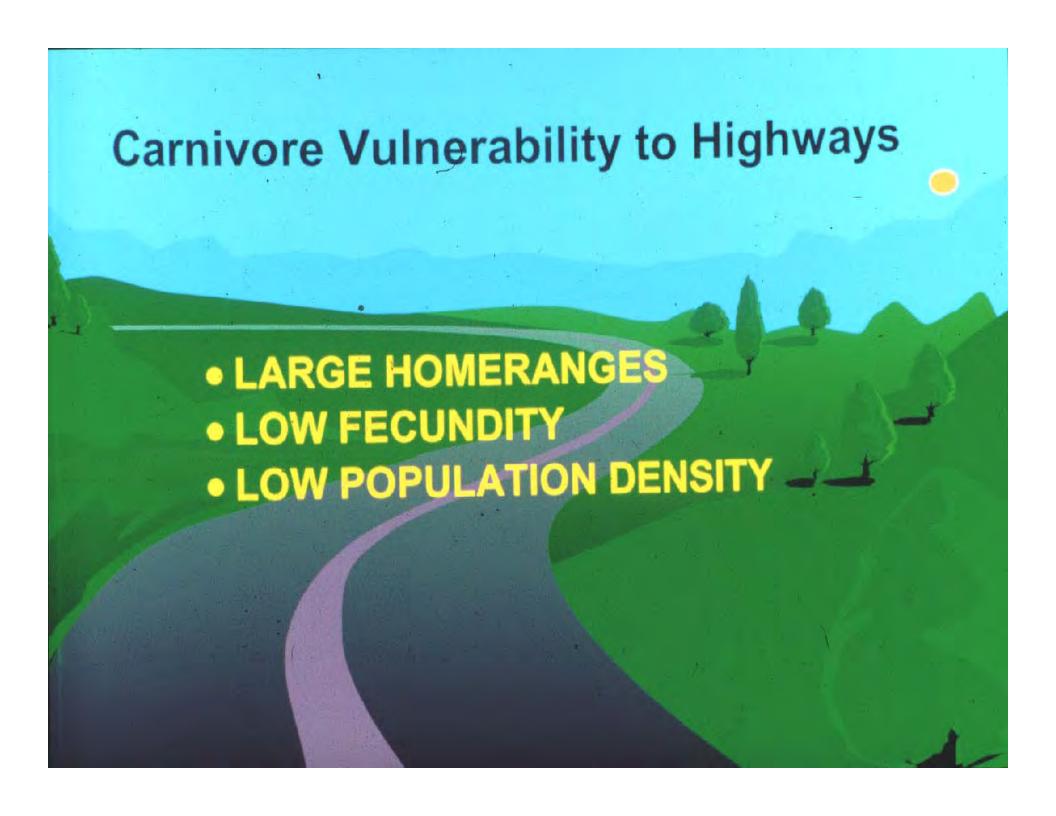


Why Are Carnivores Vulnerable?

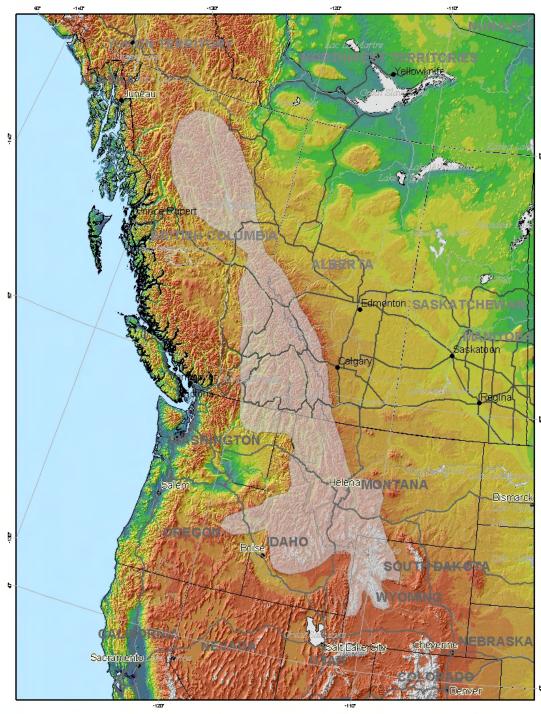


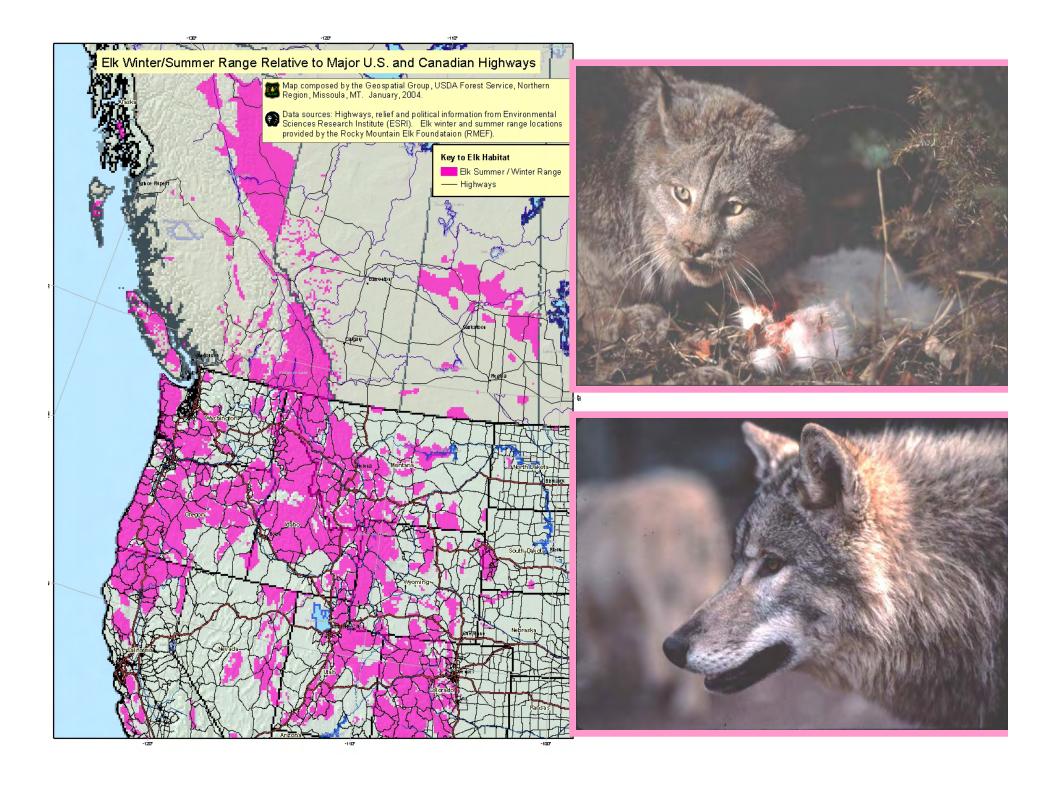


Functional Steel Area for Carnivore Conservation

















How Do Highways Affect Carnivores?

- **→**Habitat Fragmentation
- **→**Wildlife Mortality
- **▶**Loss of Habitat
- **▶**Displacement (Avoidance)
- Associated Human Activities







Habitat Fragmentation: Most Serious Impact Affects Every Species







Mortality

Serious With:

Rare Species
High Mobility Spp.
Low Mobility Spp.





Loss of Habitat

71 Million Acres Habitat 7 Million Acres of NF Largely Unmitigated





Displacement or Avoidance:

Not Understood
Affects Many Species
Noise, Human Activities





Associated Human Activities



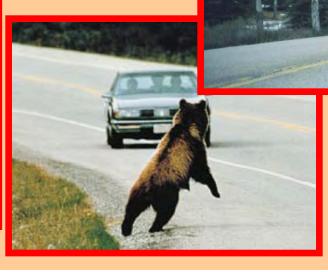




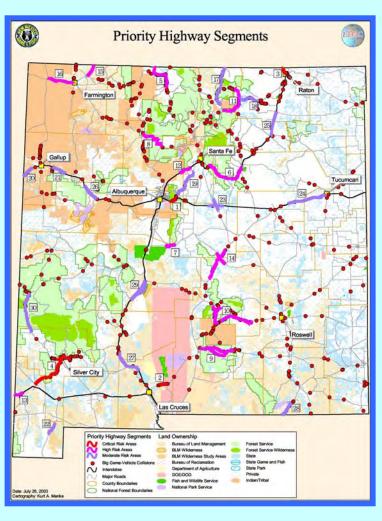
What Needs to be Done?

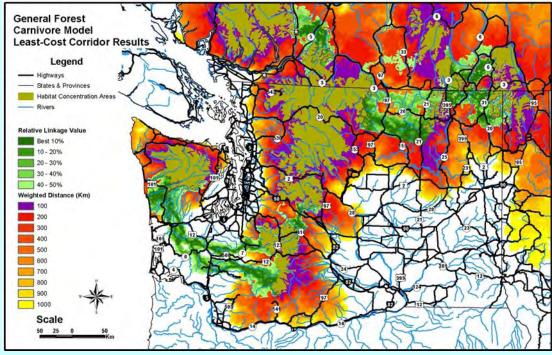






1. Systematic Wildlife and Fish Coordination and Linkage Analysis





2. Highway Environmental Documents Need to Accurately Assess Impacts



3. Need Both Terrestrial and Aquatic Habitat Replacement



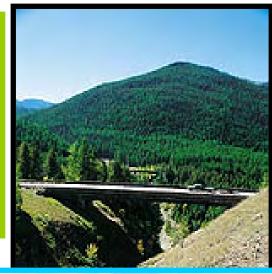




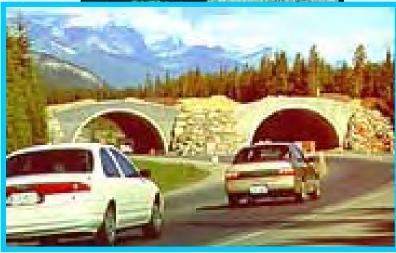


4. Predictable wildlife and fish mitigation (wildlife crossings)





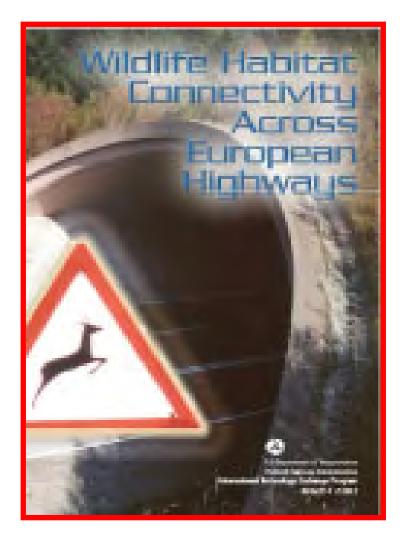




5. Wildlife & Fish Standards and Gudielines for Highway Projects

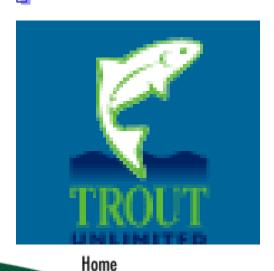






6. More Involvement By Conservation Groups







Mule Deer Foundation

Help

Site Map

Ensuring the conservation of mule deer and blacktail deer and their habitats

Search

About MDF

Join/Renew

Projects

Publications

News Room

Catalog

Events

Contact Us





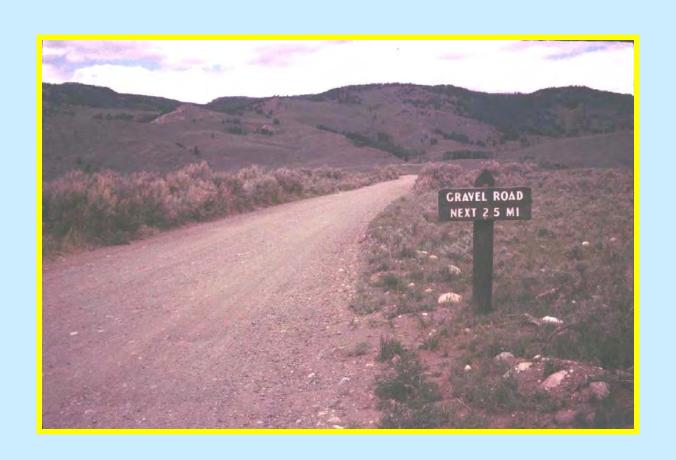
Coordination Dollars For Non-Highway Agency Biologists



Different Types of Transportation Projects



Forest Service Roads



Gravel to Paved Road Issues

Proposed \$200 MM/Yr FS Hwy Program Thousands of Fish Blocks

Aquatic Organsim Passage Issues
Road Obliteration Issues

Issues of Wildlife, Fish, Aquatic Organism Integration



Federal Lands Projects

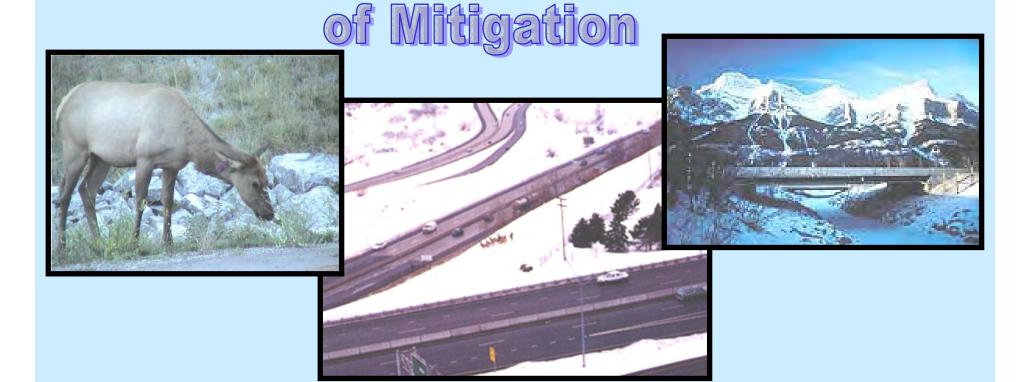




Federal AID Projects



Two Lanes to Four Lanes Wildlife Linkage Analysis Compensation for Biologist Input Adequate Amount and Types



We're facing A Huge Challenge

