



2035 Statewide Transportation Plan

Environmental

TECHNICAL REPORT

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Environmental Discussion

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Introduction

The environmental discussion has been developed to assist internal and external users who want an overview of the transportation decision-making process and a better understanding of the environmental considerations contained in that process. Mitigation is generally defined as first avoiding, then minimizing impacts to resources; compensation for unavoidable impacts is the final step in the mitigation process. However, generally people think of mitigation and compensation as interchangeable. Throughout this document, it should be understood that the first and most effective means of mitigating for impacts is to avoid and minimize negative impacts, and to provide compensation only after all avoidance and minimization efforts have been attempted.

SAFETEA-LU 6001 Requirements and the Colorado Long-Range Plan

The Transportation Reauthorization Act of 2005, or the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU) included new requirements for identifying environmental resources potentially affected by the State of Colorado's long range transportation plan, as well as develop mitigation activities for natural and historical resources:

6001§135(f)(2)(D)

(D) CONSULTATION, COMPARISON, AND CONSIDERATION.—

(i) IN GENERAL.—The long-range transportation plan shall be developed, as appropriate, in consultation with State, Tribal, and local agencies responsible for land use management, natural resources, environmental protection, conservation, and historic preservation.

(ii) COMPARISON AND CONSIDERATION.—Consultation under clause (i) shall involve comparison of transportation plans to State and Tribal conservation plans or maps, if available, and comparison of transportation plans to inventories of natural or historic resources, if available.

6001§135(f)(4)

(4) MITIGATION ACTIVITIES.—

(A) IN GENERAL.—A long-range transportation plan shall include a discussion of potential environmental mitigation activities and potential areas to carry out these activities, including activities that may have the greatest potential to restore and maintain the environmental functions affected by the plan.

(B) CONSULTATION.—The discussion shall be developed in consultation with Federal, State, and Tribal wildlife, land management, and regulatory agencies.

The 2035 Statewide Transportation Plan does not identify specific projects, project locations, design, or footprints. Instead, it is a strategic document intended to identify specific goals and strategies for meeting transportation needs within defined transportation corridors. These corridors, although represented through the state highway

system, are not intended to represent linear features, or be constrained to any single transportation facility or transportation mode. Furthermore, the long range plan covers every area of the state, but the majority of these areas are not likely to have projects funded or overseen by the Colorado Department of Transportation (CDOT) before 2035.

Within each corridor, CDOT compared the existing and proposed transportation facilities (generally the state highway system) against known inventories of natural and historic resources. Appropriate inventories were identified and developed in consultation with various state and federal agencies responsible for resource management, resource regulation, and land management. For each corridor, a general list of the known resources potentially present within the corridor was developed and can be found within the corridor visions. These lists should not be taken as all inclusive or absolutely accurate. Better, more defined information is necessary to determine what resources are present and must be considered during project development.

The long-range transportation plan does not identify specific projects. Therefore, the degree of impact on environmental resources cannot yet be determined, making mitigation details difficult to establish. As discussed below, proactive mitigation programs may result from further evaluation of transportation corridor needs, and site specific mitigation is developed as part of the project environmental review process conducted under the National Environmental Policy Act (NEPA).

This discussion contains environmental resource considerations that describe the resource, identify mitigation strategies applicable to the resource, and to the degree practicable, identify the locations that have the most potential to enhance and/or restore the environmental resource.

Tribal Sovereignty and Consultation

Consultation with the Native American Tribes recognizes the government-to-government relationship between the United States Government and sovereign Tribal groups. The United States Government and the State of Colorado have unique relationships with American Indian governments as set forth in the Constitution of the United States, treaties, statutes, court decisions, and executive orders and memoranda. These form the basis of cooperative relationships between CDOT and our Tribal partners.

On April 29, 1994, a Presidential Memorandum was issued reaffirming the federal government's commitment to operate within a government-to-government relationship with federally recognized American Indian and Alaska Native tribes, and to advance self-governance for such tribes. The Presidential Memorandum directs each executive department and agency, to the greatest extent practicable and to the extent permitted by law, to consult with tribal governments prior to taking actions that have substantial direct effects on federally recognized tribal governments. In order to ensure that the rights of sovereign tribal governments are fully respected, all such consultations are to be open and candid so that tribal governments may evaluate for themselves the potential impact of relevant proposals.

On May 14, 1998, the President issued Executive Order 13084, "Consultation and Coordination with Indian Tribal Governments," which was revoked and superseded on November 6, 2000, by the identically titled Executive Order 13175, which sets forth guidelines for all federal agencies to (1) establish regular and meaningful consultation and collaboration with Indian tribal officials in the development of federal policies that have tribal implications; (2) strengthen the United States government-to-government relationships with Indian tribes; and (3) reduce the imposition of unfunded mandates upon Indian tribes.

CDOT takes the responsibility for implementing and meeting these requirements seriously and recognizes the need for direct and interactive (i.e., collaborative) involvement of tribes in the development of regulatory policies, transportation plans, and transportation projects that have tribal implications. Recognition of the independent sovereignty of the tribal governments includes the role of the tribes in regulating impacts to resources on sovereign property. Mitigation for impacts to resources under the jurisdiction of the tribal governments must be developed in coordination with the tribal governments as an equal party to federal and state agencies.

Environmental Ethic

Colorado's transportation system is governed by a number of environmental laws and regulations at the federal, state, Tribal, and local level. These laws regulate everything from wildlife to water quality, and archaeology to hazardous materials. CDOT, however, recognizes the value of the environment beyond the requirements of environmental laws and statutes. As such, CDOT adopted the following environmental ethics statement to guide its work and accomplish its mission:

"CDOT will support and enhance efforts to protect the environment and quality of life for all of its citizens in the pursuit of providing the best transportation systems and services possible."

Four principles support and guide CDOT's environmental ethic statement:

- CDOT goes beyond environmental compliance and strives for environmental excellence.
- CDOT promotes a sense of environmental responsibility for all employees in the course of all CDOT activities.
- CDOT ensures that measures are taken to avoid or minimize the environmental impacts of construction and maintenance of the transportation system and that mitigation commitments are implemented and maintained.
- CDOT designs, constructs, maintains, and operates the statewide transportation system in a manner that helps preserve and sustain Colorado's historic and scenic heritage and fits harmoniously into communities and the natural environment.

The Environmental Stewardship Guide describes CDOT's environmental ethic. It describes the process by which social, economic, environmental and engineering considerations are integrated in all aspects of transportation decision-making. The existing version of the Environmental Stewardship Guide demonstrates how CDOT's environmental ethic and policies are applicable to project planning and construction and to maintenance of the statewide transportation system.

Environmental Policies

Two sections of Statewide Transportation Policy Directive 13 address CDOT's commitment to the environment and support CDOT's environmental ethics statement and principles:

ENVIRONMENT

“CDOT will support and enhance efforts to protect the environment and quality of life for all its citizens in the pursuit of providing the best transportation systems and services possible. CDOT will:

- Promote a transportation system that is environmentally responsible and encourages preservation of the natural environment and enhancement of the created environment for current and future generations;
- Incorporate social, economic and environmental concerns into the planning, design, construction, maintenance, and operations of the state's existing and future transportation system;
- Will, through the active participation of the general public, federal, state, tribal and local agencies, objectively consider all reasonable alternatives to avoid or minimize adverse impacts;
- Will ensure that measures are taken to avoid and minimize the environmental impacts of construction and maintenance of the transportation system, all activities are in compliance with all environmental statutes and regulations, and that mitigation commitments are implemented and maintained;
- Will plan, design, construct, maintain and operate the transportation system in a manner which helps preserve Colorado's historic and natural heritage and fits harmoniously into the community, local culture and the natural environment.”

BALANCE QUALITY OF LIFE FACTORS

“CDOT recognizes the complex inter-relationship of the environment, economic vitality and mobility, and is committed to balancing these factors in the development and implementation of the statewide transportation plan. By working with local, regional and state interests, CDOT will advocate the development of a coordinated decision-making

process that balances the long-range transportation, land use and quality of life needs in Colorado. It is not the intent of the Colorado Transportation Commission or CDOT to prohibit or interfere with local land use decisions.”

National Environmental Policy Act

Title I of the NEPA contains a Declaration of National Environmental Policy that requires the federal government to use all practicable means to create and maintain conditions under which man and nature can exist in productive harmony. Section 102 requires federal agencies to incorporate environmental considerations in their planning and decision-making through a systematic interdisciplinary approach. Specifically, all federal agencies are to prepare detailed statements assessing the environmental impact of and alternatives to major federal actions significantly affecting the environment. Since CDOT receives federal funding for many transportation projects, it is required to follow the requirements of NEPA. In order to ensure flexibility in how federal dollars are spent, CDOT requires all projects, regardless of funding source, to follow NEPA requirements.

The use of context sensitive solutions as part of the project development process is intended to improve project delivery and improve the value of the transportation system to communities. Context sensitive solutions require a collaborative, interdisciplinary approach that involves all stakeholders to develop a transportation facility that fits its physical setting and preserves scenic, aesthetic, historic and environmental resources, while maintaining safety and mobility. Alternatives to address the transportation needs are developed that attempt to address stakeholder concerns. The result is a streamlining of the NEPA process that avoids unnecessary delay resulting from re-evaluations of alternatives necessitated by late identification of concerns and constraint.

Most environmental mitigation is developed during the environmental review process at the project level, when the types and degree of unavoidable impacts can be identified. CDOT’s NEPA Guidance Manual provides information on the various methods for evaluating the types and severity of environmental impacts at the project level.

Proactive Environmental Mitigation

In areas where there is the potential for a number of projects to impact a particular resource, it may be appropriate to consider developing proactive mitigation programs. These programs are intended to identify and compensate for future impacts to a resource before project impacts occur. CDOT has been involved in the development of several different proactive mitigation programs, including the state’s first habitat conservation bank (the East Plum Creek Preble’s Meadow Jumping Mouse Bank), the development of watershed level mitigation programs for wetlands and the Shortgrass Prairie Initiative, recognized nationally by multiple agencies for its proactive approach to species conservation.

When evaluating and developing proactive mitigation programs for natural resources, an ecosystem approach should be used. The ecosystem approach is characterized as a method for sustaining or restoring natural systems and their functions and values. It is

goal driven, and is based on a collaboratively developed vision of desired future conditions that integrates ecological, economic, and social factors. It is applied within a geographic framework defined primarily by ecological boundaries. An example of such an ecosystem might be watersheds, the San Luis Valley, the Colorado Central Shortgrass Prairie, or South Park, where geographic boundaries can be drawn around an interacting area of concern. Under the ecosystem approach, the frame of reference and management objectives are much broader than those developed for site specific mitigation.

Local Land Use Regulations and Environmental Requirements

This document focuses on the environmental resources and regulations that apply at the State and Federal level. During project scoping and project development, it is important to contact the local land use and other local regulatory agencies to determine what specific environmental or other requirements are applicable to the project.

Comparison and Consideration

The 2035 Statewide Transportation Plan corridor visions were compared with inventories of natural and historic resources and conservation plans. CDOT has developed a GIS database, compiling data from numerous sources with the cooperation of various resource and regulatory agencies in the state. To meet the SAFETEA-LU consultation requirements, CDOT requested that the resource and regulatory agencies review the datasets that CDOT has collected and indicate whether or not these datasets were appropriate for the comparison, whether there were other datasets that should be used, or if there were other resources that should be included. The resource and regulatory agencies were asked to review the list of conservation plans that CDOT had identified and notify CDOT of any additional conservation plans that should be included in the environmental review of the 2035 Statewide Transportation Plan.

Four environmental resources: water quality, wetlands, migratory birds, and historic resources, did not have reliable or complete inventories that are suitable for comparison against the long-range plan. As a result, CDOT has made the assumption that these resources are present in every corridor.

To demonstrate the comparison against the inventories of natural and historic resources and conservation plans, CDOT amended each of the regional corridor visions in the 2035 plan. By accessing the corridor visions CD, and reviewing the corridor visions for each regional corridor, a reader will now find a list of the various environmental resources and conservation plans identified by the inventories to be present within the corridor.

Hyperlinks within the environmental resources list direct the reader to sections of this mitigation discussion as appropriate. Hyperlinks for conservation plans available on the internet have also been provided to allow the reader to easily access these conservation plans.

Natural Resources

Natural resources can be impacted by direct loss of resources, habitat fragmentation, and indirect or cumulative effects that erode the overall quality of natural resources. As the transportation system is developed, maintained and operated, environmental impacts must be continually evaluated and means to minimize or mitigate impacts to natural resources identified and implemented.

Threatened and Endangered Species and State Species of Concern

Resource Description:

In Colorado, there are currently 31 species of fish, birds, mammals and plants on the federal list of threatened and endangered species. The U.S. Fish and Wildlife Service identified another 10 as candidate species. In addition to the federally listed species, there are 16 species listed by the state as threatened or endangered and another 44 listed as state species of concern (Colorado Division of Wildlife, May 2004). Impacts can result from destruction of habitat, animal mortality (including from vehicle-wildlife collisions or construction activity), fragmentation of habitat, or changes in species behavior such as altering foraging or denning patterns.

To comply with the federal Endangered Species Act, CDOT evaluates all possible adverse impacts and takes all necessary measures to avoid harming proposed, candidate and listed species before, during and after construction and maintenance activities. Impacts that are studied and determined to be unavoidable are minimized through highway design and construction techniques. Appropriate compensation is utilized after all reasonable avoidance and minimization techniques have been exhausted.

Senate Bill 40 (SB40) (33-5-101-107, CRS 1973 as amended) was created primarily for the protection of fishing waters, but it does acknowledge the need to protect and preserve fish and wildlife resources associated with streams, banks and riparian areas in Colorado. This is accomplished through erosion control, water contaminate control, discharge conditions, construction procedures, vegetation manipulation and noxious weed control. These measures, when properly used, can ensure that Colorado waters remain conducive to healthy and stable fish and wildlife populations which depend on the rivers and streams of Colorado.

Please go to the following link for specific information on SB40 jurisdiction, certification requests, general and special conditions.

<http://www.dot.state.co.us/environmental/Wildlife/sb40gdlns.pdf>

Mitigation Strategies:

Species specific mitigation is generally developed during project development. Mitigation should be developed that protects, enhances, or restores ecosystem functions that benefit as many species as possible.

In an effort to pro-actively address conflicts between transportation and wildlife, in 2003, CDOT teamed with the Nature Conservancy, U.S. Fish and Wildlife Service and other federal agencies to provide funding to protect up to 50,000 acres of endangered shortgrass prairie ecosystem on the Eastern Plains. The initiative received the 2003 Environmental Excellence Award from the FHWA and helps protect habitat for the bald eagle as well as the mountain plover, burrowing owl, black-tailed prairie dog, swift fox and others.

Below is a list of federal & state species of concern. The three species detailed in the following sections (Canada lynx, Preble’s meadow jumping mouse, and Southwestern Willow Flycatcher) are the species most likely to be impacted by CDOT activities because the species are widely distributed, or located near high growth areas. However, potential impacts to every species on the list must be considered.

List of Federal and State Species of Concern

Designation	Common Name	Scientific Name	Status
Federal	Arkansas Darter	<i>Etheostoma cragini</i>	FC
Federal	Bald Eagle	<i>Haliaeetus leucocephalus</i>	BGEPA
Federal	Black-footed Ferret	<i>Mustela nigripes</i>	FE
Federal	Bonytail Chub	<i>Gila elegans</i>	FE
Federal	Canada Lynx	<i>Lynx canadensis</i>	FT
Federal	Clay-loving Wild-buckwheat	<i>Eriogonum pelinophilum</i>	FE
Federal	Colorado Butterfly Plant	<i>Gaura neomexicana</i> var. <i>coloradensis</i>	FT
Federal	Colorado Pikeminnow (squawfish)	<i>Ptychocheilus lucius</i>	FE
Federal	De Beque Phacelia	<i>Phacelia submutica</i>	FC
Federal	Dudley Bluffs Bladderpod	<i>Lesquerella congesta</i>	FT
Federal	Dudley Bluffs Twinpod	<i>Physaria obcordata</i>	FT
Federal	Graham Beardtongue	<i>Penstemon grahamii</i>	FC
Federal	Gray Wolf (SW Distinct Population Segment)	<i>Canis lupus</i>	FE
Federal	Gray Wolf (Western Distinct Population Segment)	<i>Canis lupus</i>	FT
Federal	Greenback Cutthroat Trout	<i>Oncorhynchus clarki stomias</i>	FT
Federal	Humpback Chub	<i>Gila cypha</i>	FE
Federal	Knowlton Cactus	<i>Pediocactus knowltonii</i>	FE
Federal	Least Tern (interior pop.)	<i>Sterna antillarum</i>	FE
Federal	Lesser Prairie-chicken	<i>Tympanuchus pallidicinctus</i>	FC
Federal	Mancos Milk-vetch	<i>Astragalus humillimus</i>	FE
Federal	Mesa Verde Cactus	<i>Sclerocactus mesae-verdae</i>	FT
Federal	Mexican Spotted Owl	<i>Strix occidentalis lucida</i>	FT
Federal	North Park Phacelia	<i>Phacelia formosula</i>	FE
Federal	Osterhout Milk-vetch	<i>Astragalus osterhoutii</i>	FE
Federal	Pagosa Skyrocket	<i>Ipomopsis polyantha</i>	FC
Federal	Pallid Sturgeon	<i>Scaphirhynchus albus</i>	FE
Federal	Parachute Beardtongue	<i>Penstemon penlandii</i>	FC

Federal	Pawnee Montane Skipper	<i>Hesperia leonardus montana</i>	FT
Federal	Penland Alpine Fen Mustard	<i>Eutrema penlandii</i>	FT
Federal	Penland Beardtongue	<i>Penstemon penlandii</i>	FE
Federal	Piping Plover	<i>Charadrius melodus</i>	FT
Federal	Preble's Meadow Jumping Mouse	<i>Zapus hudsonius preblei</i>	FT
Federal	Razorback Sucker	<i>Xyrauchen texanus</i>	FE
Federal	Sleeping Ute Milk Vetch	<i>Astragalus tortipes</i>	FC
Federal	Slender Moonwort	<i>Botrychium lineare</i>	FC
Federal	Southwestern Willow Flycatcher	<i>Empidonax traillii extimus</i>	FE
Federal	Uinta Basin hookless Cactus	<i>Sclerocactus glaucus</i>	FT
Federal	Uncompahgre Fritillary Butterfly	<i>Boloria acrocne</i>	FE
Federal	Ute Ladies'-tresses	<i>Spiranthes diluvialis</i>	FT
Federal	White River Beardtongue	<i>Penstemon scariosus var. albifluvis</i>	FC
Federal	Whooping Crane	<i>Grus americana</i>	FE
Federal	Yellow Billed Cuckoo	<i>Coccyzus americanus</i>	FC
State	American White Pelican	<i>Pelecanus erythrorhynchos</i>	SC
State	Arkansas Darter	<i>Etheostoma cragini</i>	ST
State	Bald Eagle	<i>Haliaeetus leucocephalus</i>	ST
State	Barrow's Goldeneye	<i>Bucephala islandica</i>	SC
State	Black-footed Ferret	<i>Mustela nigripes</i>	SE
State	Bonytail Chub	<i>Gila elegans</i>	SE
State	Boreal Toad (Southern Rocky Mountain Population)	<i>Bufo boreas pop. 1</i>	SE
State	Boreal Toad (Southern Rocky Mountain Population)	<i>Bufo boreas pop. 1</i>	SE
State	Burrowing Owl	<i>Athene cunicularia</i>	ST
State	Canada Lynx	<i>Lynx canadensis</i>	SE
State	Canyon Treefrog	<i>Hyla arenicolor</i>	SC
State	Colorado Pikeminnow	<i>Ptychocheilus lucius</i>	ST
State	Colorado River Cutthroat Trout	<i>Oncorhynchus clarki pleuriticus</i>	SC
State	Common Kingsnake	<i>Lampropeltis getula</i>	SC
State	Couch's Spadefoot	<i>Scaphiopus couchii</i>	SC
State	Desert Spiny Lizard	<i>Sceloporus magister</i>	SC
State	Ferruginous Hawk	<i>Buteo regalis</i>	SC
State	Flannelmouth Sucker	<i>Catostomus latipinnis</i>	SC
State	Great Basin Spadefoot	<i>Spea intermontana</i>	SC
State	Great Plains Narrowmouth Toad	<i>Gastrophryne olivacea</i>	SC
State	Greater Sandhill Crane	<i>Grus canadensis tabida</i>	SC
State	Greenback Cutthroat Trout	<i>Oncorhynchus clarki stomias</i>	ST
State	Gunnison Sage Grouse	<i>Centrocercus minimus</i>	SC

State	Gunnison Sage Grouse	<i>Centrocercus minimus</i>	SC
State	Humpback Chub	<i>Gila cypha</i>	ST
State	Kit Fox	<i>Vulpes macrotis</i>	SE
State	Least Tern	<i>Sterna antillarum</i>	SE
State	Lesser Prairie-chicken	<i>Tympanuchus pallidicinctus</i>	ST
State	Long-billed Curlew	<i>Numenius americanus</i>	SC
State	Longnose Leopard Lizard	<i>Gambelia wislizenii</i>	SC
State	Massasauga	<i>Sistrurus catenatus</i>	SC
State	Mexican Spotted Owl	<i>Strix occidentalis lucida</i>	ST
State	Midget Faded Rattlesnake	<i>Crotalus viridis concolor</i>	SC
State	Mountain Plover	<i>Charadrius montanus</i>	SC
State	Northern Cricket Frog	<i>Acris crepitans</i>	SC
State	Northern Leopard Frog	<i>Rana pipiens</i>	SC
State	Northern Redbelly Dace	<i>Phoxinus eos</i>	SE
State	Peregrine Falcon	<i>Falco peregrinus</i>	SC
State	Piping Plover	<i>Charadrius melodus</i>	ST
State	Plains Leopard Frog	<i>Rana blairi</i>	SC
State	Plains Sharp-tailed Grouse	<i>Tympanuchus phasianellus jamesi</i>	SE
State	Preble's Meadow Jumping Mouse Subsp	<i>Zapus hudsonius preblei</i>	ST
State	Rio Grande Chub	<i>Gila pandora</i>	SC
State	Rio Grande Cutthroat Trout	<i>Oncorhynchus clarki virginalis</i>	SC
State	Rio Grande Sucker	<i>Catostomus plebeius</i>	SE
State	Rocky Mountain Capshell	<i>Acroloxus coloradensis</i>	SC
State	Roundtail Chub	<i>Gila robusta</i>	SC
State	Sage Grouse	<i>Centrocercus urophasianus</i>	SC
State	Southern Redbelly Dace	<i>Phoxinus erythrogaster</i>	SE
State	Southwestern Willow Flycatcher	<i>Empidonax traillii extimus</i>	SE
State	Swift Fox	<i>Vulpes velox</i>	SC
State	Texas Blind Snake	<i>Leptotyphlops dulcis</i>	SC
State	Texas Horned Lizard	<i>Phrynosoma cornutum</i>	SC
State	Western Snowy Plover	<i>Charadrius alexandrinus nivosus</i>	SC
State	Whooping Crane	<i>Grus americana</i>	SE
State	Wolverine	<i>Gulo gulo</i>	SE
State	Yellow Mud Turtle	<i>Kinosternon flavescens</i>	SC

FC = Federal Candidate for listing

FE = Federally Endangered

FT = Federally Threatened

SE = State Endangered

ST = State Threatened

SC = State Special Concern (not a statutory category)

BGEPA = In June 2007, bald eagles were removed from the federal list of threatened and endangered species, but are still protected by the Bald and Golden Eagle Protection Act of 1940.

Mitigation Location:

Mitigation location is dependent on the type of species and ecosystem functions trying to be protected, enhanced, or restored. Mitigation should take place in areas that can best compensate for impacted resources.

Canada Lynx

Resource Description:

On March 24, 2000, the lynx was listed as threatened under the Endangered Species Act. Full protection became effective on April 23, 2000.

The lynx is a medium-sized cat with long legs, large, well-furred paws, long tufts on the ears, and a short, black-tipped tail. The winter pelage of the lynx is dense and has a grizzled appearance with grayish-brown mixed with buff or pale brown fur on the back, and grayish-white or buff-white fur on the belly, legs, and feet. Summer pelage of the lynx is more reddish to gray-brown. Adult males average 10 kilograms (22 pounds) in weight and 85 centimeters (33.5 inches) in length (head to tail), and females average 8.5 kilograms (19 pounds) and 82 centimeters (32 inches). The lynx's long legs and large feet make it highly adapted for hunting in deep snow.

Lynx distribution and abundance appear to be closely associated with that of the snowshoe hare (*Lepus americanus*), the primary prey of lynx comprising 35-97 percent of the diet throughout the range of the lynx. Other prey species include red squirrel (*Tamiasciurus hudsonicus*), Grouse (*Bonasa umbellus*, *Dendragopus spp.*, *Lagopus spp.*), flying squirrel (*Glaucomys sabrinus*), ground squirrel (*Spermophilus parryii*, *S. Richardsonii*), porcupine (*Erethizon dorsatum*), beaver (*Castor canadensis*), mice (*Peromyscus spp.*), voles (*Microtus spp.*), shrews (*Sorex spp.*), fish and ungulates as carrion or occasionally as prey.

Like most highly mobile carnivores, lynx select habitat by food availability, but suitability for denning and secure travel are also important habitat elements for lynx. Lynx are believed to benefit most from a landscape mosaic of young, mature, and old-growth forest. An optimal landscape is assumed to include an abundance of young, vigorously regenerating high-density lodgepole pine or spruce-fir forest foraging habitat interspersed with old-growth coniferous forest that provides denning and security habitat, as well as foraging opportunity for snowshoe hare and red squirrel. An effective habitat complex will be interconnected by a network of suitable travel corridors.

During the cycle when hares become scarce, the proportion and importance of other prey species, especially red squirrel, increases in the diet. However, a diet of red squirrels alone might not be adequate to ensure lynx reproduction and survival of kittens.

Most research has focused on the winter diet. Summer diets are poorly understood throughout the range of lynx. It has been discussed in the literature that summer diets have less snowshoe hare and more alternate prey species, possibly because of a greater availability of other species.

Southern populations of lynx may prey on a wider diversity of species than northern populations because of lower than average hare densities and differences in small mammal communities. In areas characterized by patchy distribution of lynx habitat, lynx

may prey opportunistically on other species that occur in adjacent habitat, potentially including white-tailed jackrabbit (*Lepus townsendii*), black-tailed jackrabbit (*Lepus californicus*), sage grouse (*Centrocercus urophasianus*), and Columbian sharp-tailed grouse (*Tympanichus phasianellus*).

Canada lynx may compete with canids, other felids, mustelids, and raptors for snowshoe hares and other small mammals. Bobcat home ranges often exhibit elevational separation from those of Canada lynx, which are better adapted to deep snow. Bobcats are thought to displace Canada lynx where both felids inhabit the same geographic areas.

Mitigation Strategies:

When avoidance of lynx habitat is not an option, mitigation strategies will often include:

- 1) Limiting the work to daytime hours when lynx are less active.
- 2) Limiting the work to the months when lynx are not dispersing.
- 3) Increasing the size, type and/or number of available roadway crossings.
- 4) When practicable, installing cable rail instead of w-beam guardrail to minimize barriers.
- 5) Concentrating work within lynx habitat as much as possible to minimize the distance of disturbance at one time.
- 6) Allowing traffic to pass through the construction site as few times as possible to allow for a relative quiet, dark crossing opportunity on either side of the construction area.
- 7) Installing lynx-proof fencing to funnel the animals to a safe highway crossing.
- 8) Maintain, enhance, or create forested corridors adjacent or within ROW to the extent that they do not pose a safety hazard.

Mitigation Location:

Mitigation areas typically are located in subalpine and upper montane forest zones, 8,000-12,000 feet in elevation and will generally be associated with projects in these geographic areas. Uneven aged stands, relatively open canopies and well-developed understories provide favorable habitat for snowshoe hares, and are ideal for lynx foraging. The common components of denning habitat appears to include large woody debris, either downed logs or root wads within the subalpine or montane forests and adjacent to foraging habitat. Natal den sites may be located within older regenerating stands (>20 years since disturbance) or in mature conifer or mixed conifer-deciduous (typically spruce/fir or spruce/birch) forests. Stand structure appears to be of more importance than forest cover type.

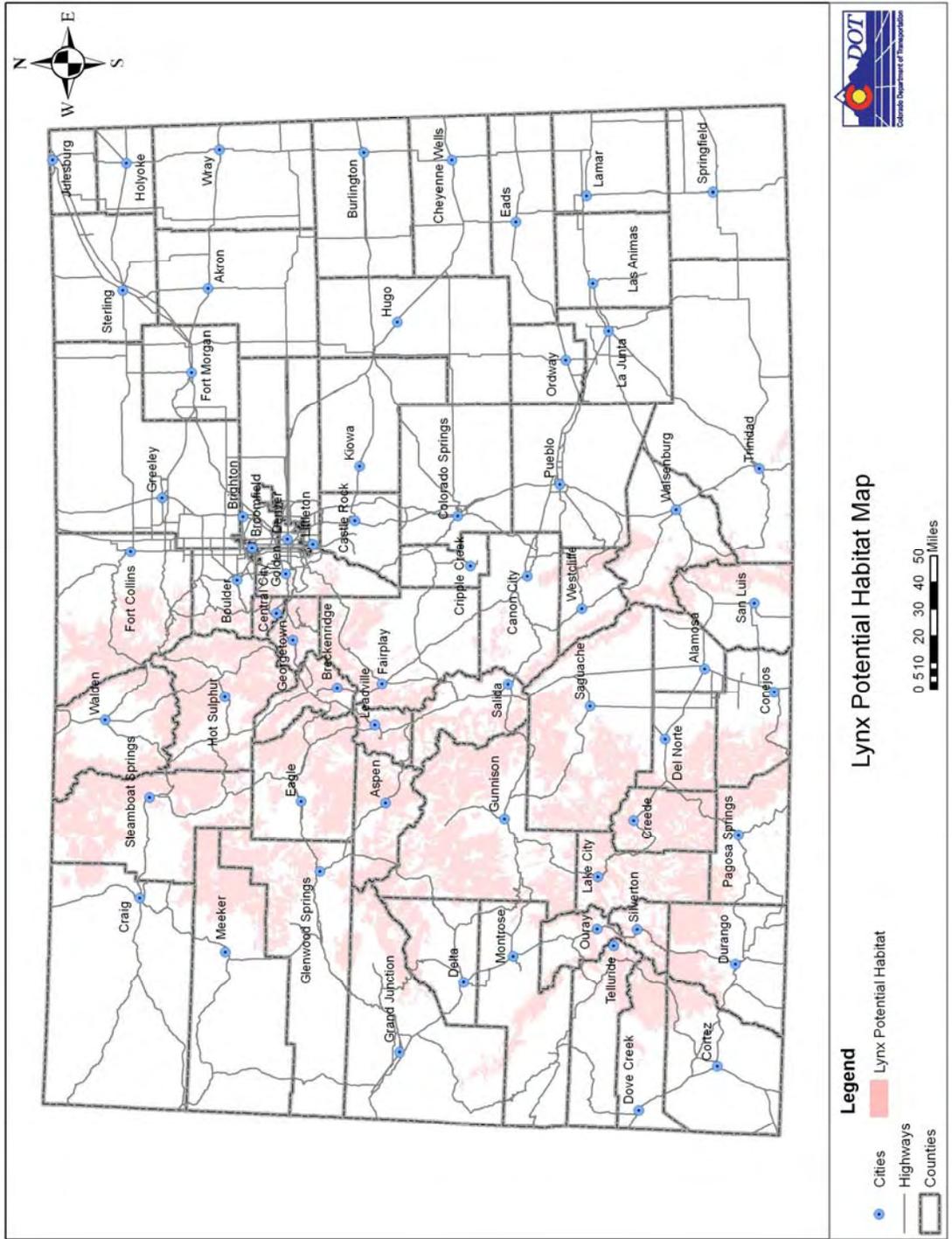


Figure 1: Potential Lynx Habitat in Colorado

Preble's Meadow Jumping Mouse

Resource Description:

On May 13, 1998, the U.S. Fish and Wildlife Service designated the mouse as threatened in its entire range.

On June 23, 2003, designated critical habitat was designated for Preble's.

On May 20, 2004, a permanent a final section 4(d) special rule for the Preble's that provides exemptions from section 9 take prohibitions for certain rodent control activities, ongoing agricultural activities, maintenance and replacement of existing landscaping, existing uses of water, certain noxious weed control and ditch maintenance activities.

On February 2, 2005, a 12-Month Finding was issued on a petition to delist the Preble's and proposed to remove the mouse from the Federal list of threatened and endangered species .

On February 17, 2006, the Service extended the rule-making process an additional six-months due to substantial disagreement regarding the sufficiency or accuracy of the available data.

On November 1, 2007, the Service announced a revised proposal to remove the Preble's populations in Wyoming from the List of Threatened and Endangered Species; and proposing to amend the listing for Preble's to indicate the subspecies remains threatened in the Colorado portion of its range. Additionally, the best commercial and scientific information available demonstrates that the Preble's is a valid subspecies and should not be removed from the List of Threatened and Endangered Species based upon taxonomic revision.

The Preble's meadow jumping mouse (Preble's or PMJM) is a small rodent in the family Zapodidae and is 1 of 12 recognized subspecies of the species *Z. hudsonius*, the meadow jumping mouse. Preble's is native only to the Rocky Mountains-Great Plains interface of eastern Colorado and southeastern Wyoming. This shy, largely nocturnal mouse lives in moist lowlands with dense vegetation. It is 8 to 9 inches long (its tail accounts for 60 percent of its length) with hind feet adapted for jumping. Preble's hibernates underground from September to May.

The U.S. Fish and Wildlife Service (Service) added the Preble's meadow jumping mouse to the List of Endangered and Threatened Wildlife as a threatened species on May 13, 1998. The Service designated critical habitat for Preble's on June 23, 2003.

Typical habitat for Preble's meadow jumping mouse is comprised of well-developed plains riparian vegetation with adjacent, relatively undisturbed grassland communities and a nearby water source. Well-developed plains riparian vegetation typically includes a dense combination of grasses, forbs, and shrubs; a taller shrub and tree canopy may be present. When present, the shrub canopy is often willow (*Salix* spp.), although other shrub species, including snowberry (*Symphoricarpos* spp.), chokecherry (*Prunus*

virginiana), hawthorn (*Crataegus* spp.), Gambel's oak (*Quercus gambelii*), alder (*Alnus incana*), river birch (*Betula fontinalis*), skunkbrush (*Rhus trilobata*), wild plum (*Prunus americana*), lead plant (*Amorpha fruticosa*), dogwood (*Cornus sericea*) and others may also occur.

Preble's is a true hibernator, usually entering hibernation in September or October and emerging the following May, after a potential hibernation period of seven or eight months. Adults are the first age group to enter hibernation because they accumulate the necessary fat stores earlier than young of the year. Apparent hibernacula of Preble's have been located both within and outside of the 100-year floodplain of streams. Those hibernating outside of the 100-year floodplain would likely be less vulnerable to flood-related mortality. Hibernacula have been located under willow, chokecherry, snowberry, skunkbrush, sumac (*Rhus* spp.), clematis (*Clematis* spp.), cottonwoods (*Populus* spp.), Gambel's oak, thistle (*Cirsium* spp.), and alyssum (*Alyssum* spp.). Preble's also constructs day nests composed of grasses, forbs, sedges, rushes, and other available plant material.

Preble's annual survival rate is low. Preble's survival rates appear to be lower over the summer than over the winter. Over-summer survival rates ranged from 22 to 78 percent and over-winter survival rates ranged from 56 to 97 percent.

Transportation and utility corridors frequently bisect Preble's habitat and may adversely affect populations. As new roads are built and old roads are maintained, habitat can be destroyed or fragmented. Roads and bridges also may act as barriers to dispersal. Train and truck accidents within riparian areas may release spills of chemicals, fuels and other substances that may impact the mouse or its habitat. Sewer, water, communications, gas, and electric lines cross Preble's habitat. Their right-of-ways can contribute to habitat disturbance and fragmentation through new construction and periodic maintenance. However, construction-related impacts are often short term when adequate rehabilitation and reclamation actions are implemented.

Mitigation Strategies:

Mitigation strategies include:

- 1) Developing large areas of Preble's habitat that can be used as a "bank"
- 2) Creating and/or connecting habitat through plantings and water manipulation.
- 3) Protecting current habitat from future disturbance.
- 4) Enhancing current, low quality habitat thorough weed control, water manipulation, and plantings to increase the productivity and value of the area for Preble's
- 5) Installing shelves within culverts to reconnect habitat that has been fragmented by a highway.
- 6) Avoiding work during the active season (May 1 – October 31)
- 7) Maintain or improve water quality within Preble's habitat

Mitigation Location:

Mitigation may be required in Front Range counties such as Adams, Arapahoe, Boulder, Denver, Douglas, El Paso, Elbert, Jefferson, Larimer, or Weld counties where riparian vegetation is well-developed with relatively undisturbed grassland and a water source in close proximity or one with a dense herbaceous vegetation consisting of a variety of grasses, forbs and thick shrubs. Because Preble's are known to use upland shrubs for hibernacula and day roosts to a distance of 300' from the 100 year floodplain, these areas are also considered Preble's habitat and can be restored, where practical, to compensate for impacts.

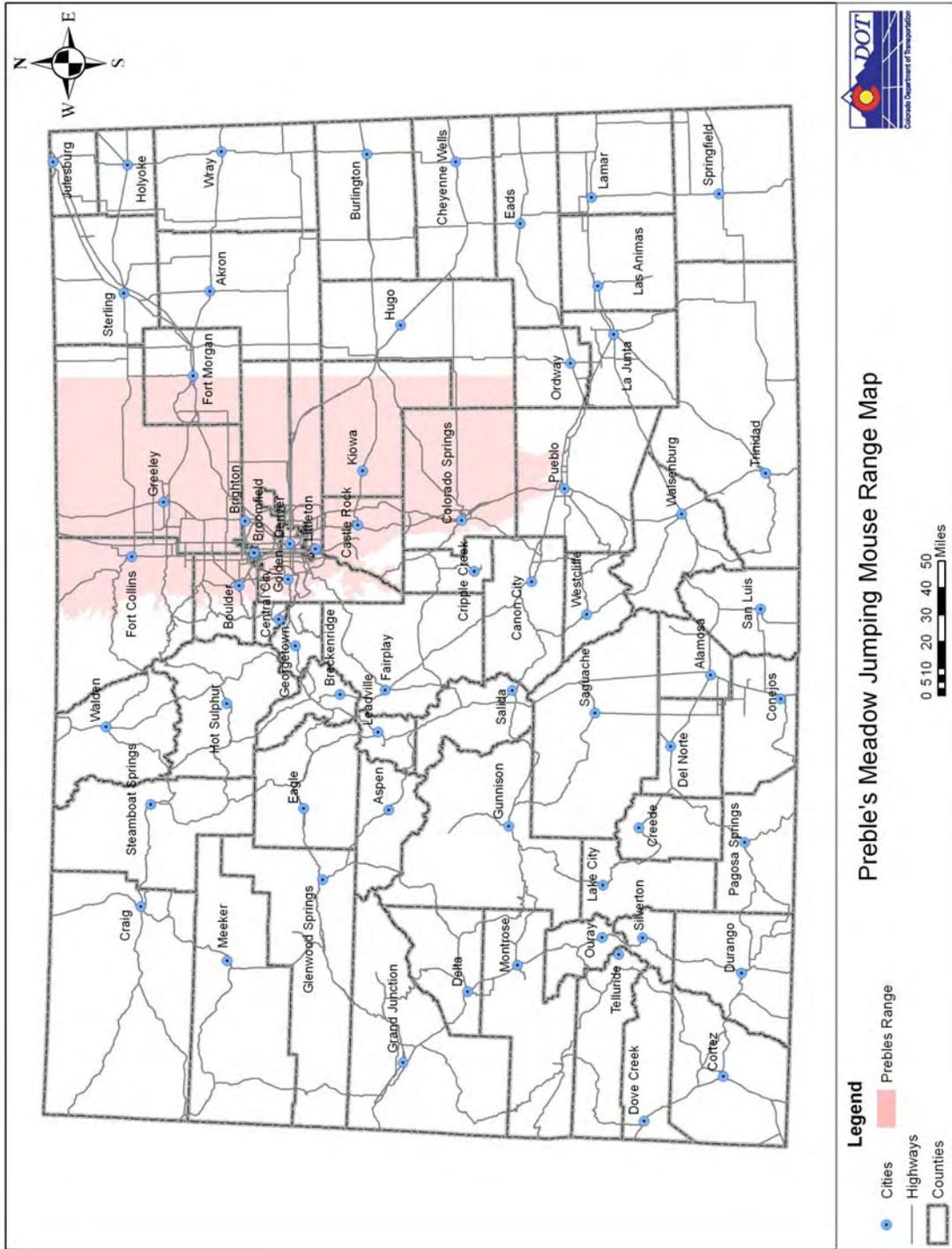


Figure 2: Preble’s Meadow Jumping Mouse Range in Colorado

Southwestern Willow Flycatcher

Resource Description:

On February 27, 1995 the Southwestern willow flycatcher was listed as endangered throughout its range.

The southwestern willow flycatcher (*Empidonax traillii extimus*) was listed as federally endangered in 1995 and is one of four subspecies of the willow flycatcher. It is a small bird, approximately 6 inches long, with a green-gray back and wings, white throat, light olive breast, pale yellow belly, and two white wing bars. It has a light eye ring and a long wide bill. The upper mandible is dark brown to black, and the lower mandible is pale orange. The southwestern willow flycatcher can be differentiated from other subspecies by its distinctive “fitz-bew” song.

Southwestern willow flycatchers inhabit riparian habitats, nesting only in dense willow shrub near surface water or saturated soil. The presence of water around the willows increases the forage basis by producing an abundance of insects. Southwestern willow flycatchers are gleaning and sallying insectivores; their diets consisting of wasps, bees, beetles, butterflies, and caterpillars.

Open-cupped nests are built in a fork of a branch, 4 to 25 feet above ground, and are made from leaves, grass, feathers, and animal hair. Clutch size is typically three eggs that are buff colored with occasional spotting on the blunt end. Southwestern willow flycatchers arrive in breeding territories as early as April but typically between mid-May and June; a bird observed from mid-June to July 20 can be assumed to occupy breeding territory. Juveniles fledge in late June to mid-August, while adults leave breeding territories in mid-August to mid-September.

Mitigation Strategies:

Mitigation Strategies include:

- 1) Excluding cattle to increase amount of available habitat for nesting
- 2) Possibly limiting cowbird parasitism by excluding cattle
- 3) Controlling exotic and/or weedy species
- 4) Restoring/Creating habitat
- 5) Avoiding work during the nesting season (April 15 – August 15).

Mitigation Location:

One-quarter acre is the smallest habitat patch found containing a SWWF breeding territory. The minimum patch size requiring a survey is 30'x30'x6', or if a smaller patch is part of a complex of closely associated complexes totaling at least 0.25 acre, surveys are required. Consultation with the USFWS is required. SWWF is found in southwest Colorado in the following counties (Figure 3):

- La Plata
- San Juan
- Hinsdale south of Continental Divide
- Extreme western Dolores

- Extreme southwestern San Miguel
- Mineral
- Saguache South of Continental Divide
- Rio Grande
- Alamosa
- Costilla
- Conejos
- Archuleta
- Montezuma

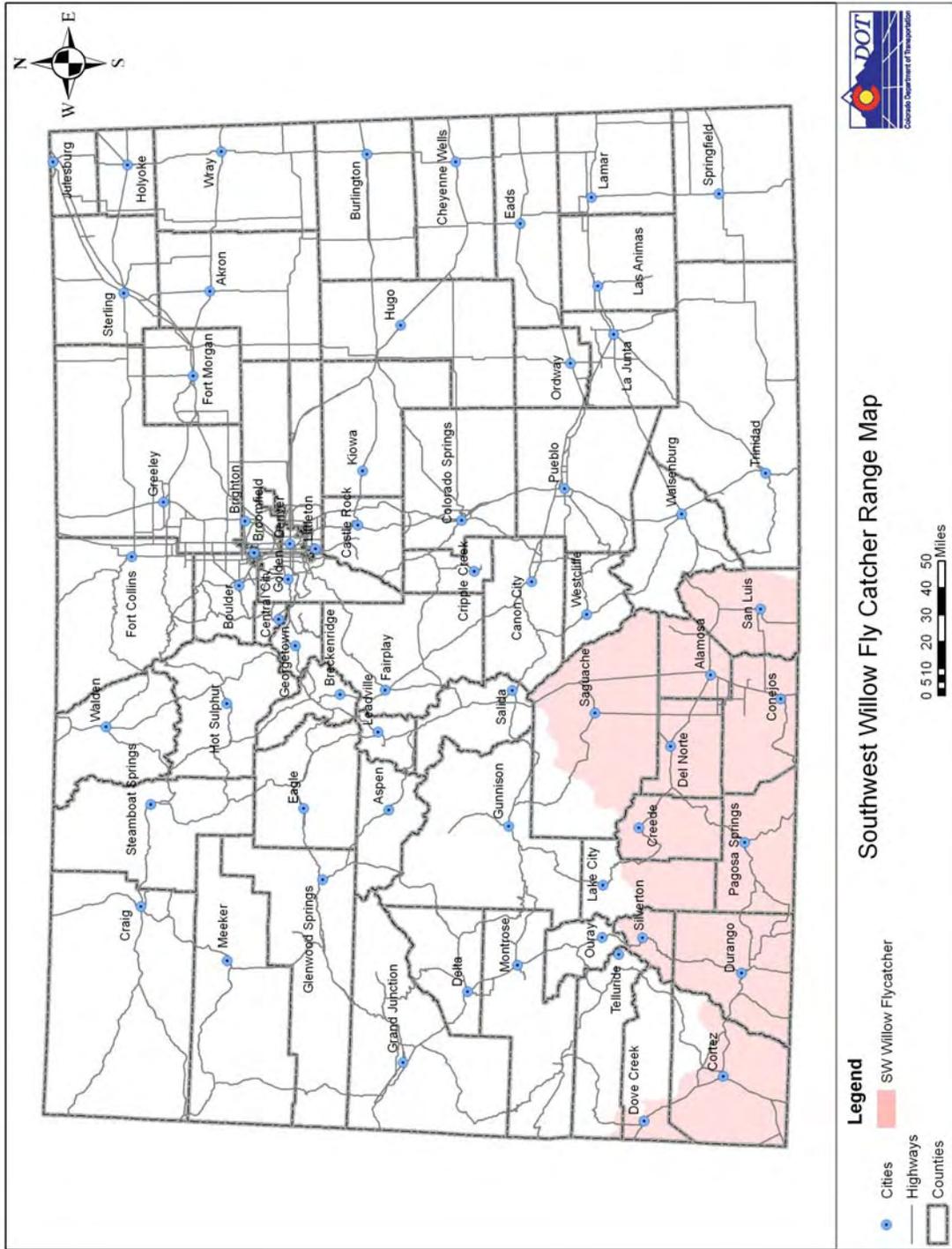


Figure 3: Southwest Willow Flycatcher Range Map for Colorado

Wildlife Crossings

Resource Description:

Wildlife crossings are natural or man made features that provide routes for wildlife that allow or give wildlife an opportunity to more easily cross a road or highway either above or below grade. This is applicable to terrestrial or aquatic wildlife of any size. For many large mammal species, movement barriers caused by right-of-way (ROW) fencing can cause greater long-term population impacts than acute mortality (road kills) associated with unfenced ROWs.

Mitigation Strategies:

- 1) Using existing data to determine most advantageous locations for crossing placement.
- 2) Funding phased projects in such a manner that future crossings can be installed if identified in that corridor
- 3) Providing permeability of highways through increasing culvert (CBC) size, installing bridges/spans in lieu of culverts, or constructing other wildlife crossing structures, such as land bridges
- 4) Encouraging or discouraging wildlife usage through fences along the ROW or strategic plantings. ROW fencing will be considered as a wildlife mitigation strategy when used in conjunction with adequate crossing structures for those species impacted by the fencing.
- 5) Using natural bottoms in culverts where practicable
- 6) Continuing and implementing cooperative research studies to identify opportunities to improve wildlife crossings

Mitigation Location:

Wildlife crossings are most effective when used in areas where wildlife are naturally attempting to cross the transportation system rather than trying to direct wildlife to crossing structures. Specific locations should be developed with an understanding of the project's impact, location and existing wildlife movement patterns within the area

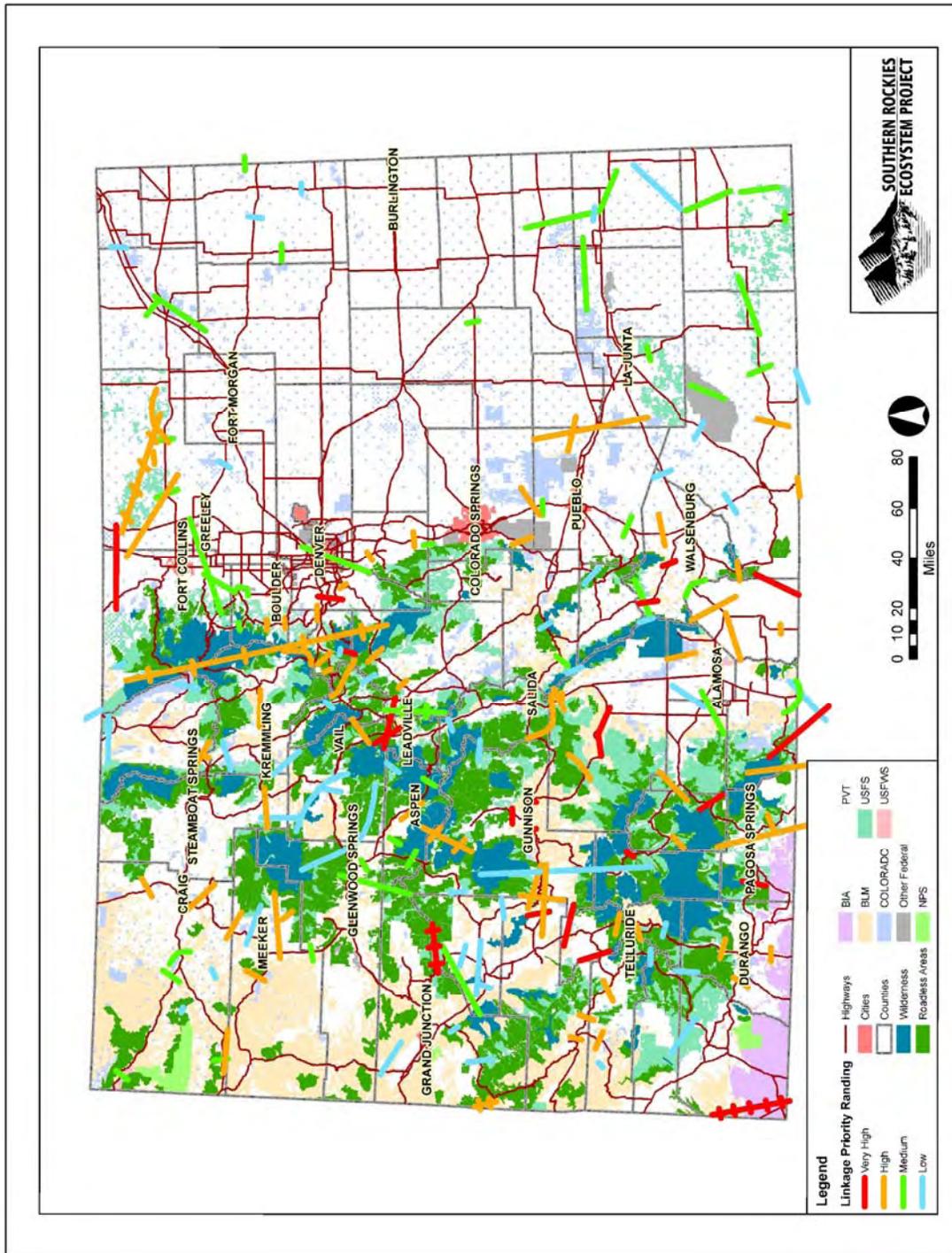


Figure 4: High Priority Wildlife Crossings in Colorado

Migratory Birds

Resource Description:

All birds are protected by the Migratory Bird Treaty Act of 1918 (MBTA). In Colorado this includes all birds except rock doves (feral pigeon), European starlings, and English sparrows. The U.S. Fish and Wildlife Service administers the MBTA which prohibits the take of any active nest. Construction activities in grassland, wetland, stream, and woodland habitats, and those that occur on bridges that would otherwise result in the take of migratory birds, eggs, young, and/or active nests should be avoided. Permits to remove an active nest are issued only under extraordinary circumstances when human health and safety are in jeopardy.

Mitigation Strategies:

- 1) Seasonally restricting activities during the breeding season
- 2) Incorporating preventative measures to keep birds from nesting in known work sites
- 3) Presence/absence surveying prior to ground disturbing activities
- 4) Creating nesting habitat where appropriate

Mitigation Location:

Statewide: Migratory birds protected under the MBTA occur statewide where structures or existing vegetation are being used by migratory birds for nesting. Mitigation is generally on-site.

Invasive Species

Resource Description:

Invasive species are county, State, or federally listed weed species that successfully invade and become widespread in a natural community. Invasive species often compete with native species, resulting in ecosystem degradation and, if not sufficiently controlled, eventually to the extinction of native plants and animals. Invasive plants can also have profound negative effects on agricultural operations. CDOT's response to invasive species has been to eliminate and control the spread of noxious weeds as required by Colorado Executive Order D 006 99.

Mitigation Strategies:

Environmental consideration in the form of survey and agency coordination facilitates the ability to protect existing sensitive environments and identify non-desirable vegetation in the landscape. CDOT also is committed to following the criteria outlined in the noxious weed management plan. The NWMP defines survey techniques, best management practices and goals of project development and weed management.

CDOT controls the spread of invasive plants by:

- Limiting soil disturbance
- Seeding disturbed areas with native plants as soon as practicable during the construction process
- Identifying and eliminating populations of noxious weeds from the right-of-way as part of maintaining the highway system
- Onsite controls such as washing equipment to remove seeds, etc., should be used before transferring to another site during construction.
- Spreading native plant seeds in disturbed areas should be used to contain invasive species.

Mitigation Location:

Controlling invasive species is important in all parts of the right-of-way. However, special care should be taken in newly disturbed areas, especially those close to existing intact ecosystems to help reduce the spread of invasive species into healthy ecosystems.

Air Quality

Resource Description:

All air pollutants are toxic at sufficient levels of exposure. “Criteria pollutants’ are in a legal category for which there are national ambient air quality standards, hence ‘criteria,’ set by the EPA. The criteria pollutants are:

- Carbon monoxide
- Lead and lead compounds (EPA has placed Lead (Pb) in both the toxic and criteria categories)
- Nitrogen dioxide
- Ozone
- PM₁₀
- PM_{2.5}
- Sulfur dioxide

In a separate legal category are 188 listed “air toxics,” for which there are no federal ambient standards. Among these are 21 mobile source air toxics listed by EPA. In the future, additional air toxics may be recognized by EPA as being emitted primarily from mobile sources. Air toxics are discussed further below.

Criteria pollutants and air toxics are emitted by a variety of sources—large and small stationary sources as well as mobile sources, both on-road vehicles and off-road (e.g. aircraft, locomotives, and excavation and construction equipment). There are also “non-point” sources of air pollution, including livestock feedlots and fertilizers from agriculture and domestic application. Here the discussion is largely confined to pollutants from on-road mobile sources.

Mobile Source Pollutants – Criteria and Toxics

It is generally recognized that on-road mobile sources and fuels contribute the greater amount of ambient (outdoor) air pollutants, depending on the number of stationary source emitters in an area. Automobiles cause 50-80 percent of all combustion-related pollution, and contribute a significant amount of evaporative emissions of VOC’s, many of which are toxic.¹

Mobile sources were responsible for 44 percent of outdoor toxic emissions, almost 50 percent of the cancer risk, and 74 percent of the non-cancer disease risk, according to EPA’s National Air Toxics Assessment for 1999. In addition, 70 percent of benzene emissions were attributed to mobile sources for that year. Benzene is a known carcinogen. In a mobile source air toxics (MSAT) rule finalized in March 2000, EPA listed the following 21 MSAT of greatest concern:

EPA’s Listed Mobile Source Air Toxics

¹ Various EPA and APCD fact sheets; regulatory background documents

Acetaldehyde* Diesel Exhaust MTBE
Acrolein* Ethylbenzene Naphthalene
Arsenic cpds* Formaldehyde* Nickel cpds*
Benzene* N-Hexane POM (Sum of 7 PAH)*
1,3-Butadiene* Lead cpds* Styrene
Chromium cpds* Manganese cpds* Toluene
Dioxin/Furans* Mercury cpds* Xylene

Those MSAT designated with an asterisk are also on EPA's list of 33 Priority air toxics as denoted in its Integrated Air Toxics Strategy, formerly known as the Urban Air Toxics Strategy. Monitoring nationwide since 1999 indicates that air toxics levels in many 'rural' areas are similar to those found in urban areas, due to mobile sources. This is because substantial vehicular traffic in urban, suburban and even many rural areas creates a large amount of pollution. It is recognized that people living in suburban and ex-urban areas often drive longer distances than city dwellers. They can cause traffic congestion comparable to that in cities at "rural" intersections and parking lots in the smaller towns where they go to shop and socialize. For this reason, EPA's Air Toxics Strategy has evolved to address the "integrated" issues of urban, suburban and rural air toxics. The Strategy is a fluid one, and may evolve further. For Example, because of Colorado and other states' monitoring findings, the toxic compound Crotonaldehyde is one that may be added to EPA's MSAT list.

Ozone

Under the 8-hour ozone standard, EPA has deferred a nonattainment designation for an area that includes the Denver Metropolitan area, portions of Weld and Larimer counties, and an eastern portion of Rocky Mountain National Park. In spite of increasing controls on VOC's from the oil and gas industry, ozone levels the past two years have been high enough that the area may be found in violation of the 8-hour standard, depending on levels recorded during the 2007 ozone season. At the time this document was published, the CDPHE Air Pollution Control Division (APCD), in conjunction with several other agencies, was developing a new Statewide Implementation Plan (SIP) to correspond with the anticipated violation. The new SIP will develop a new ozone budget for the DRCOG, North Front Range MPO, and the Upper Front Range Transportation Planning Region. Additionally, this new SIP will detail specific measures these areas will need to take in order to meet attainment status under the EPA's current guidelines for ozone.

The 8-hour national ambient air quality standard is currently set at 80 ppb, which is twice presumed natural background levels of 30-40 ppb, per EPA. Background levels of ozone are derived from VOC's produced by plants, and NOx from natural combustion sources, such as volcanoes and wildfires.

Lichens and many plant species, including crops, trees and are extremely sensitive to ozone exposure.

Ozone enters leaves through stomata during normal gas exchange. A strong oxidant, ozone *at ambient levels* causes several symptoms, including chlorosis and necrosis (leaf

discoloration from damage, and death), as repeated field studies have shown. Crop yield loss is especially pronounced in dicot species, such as soybean, cotton and peanuts.² Fruit trees, willows, Aspen, Ponderosa Pine are among the 106 trees and other plants shown to be especially sensitive to ozone. Another 81 varieties are suspected of being sensitive to ozone.³

Summertime ozone levels are elevated at Rocky Mountain National Park, and two exceedances of the 8-hour ozone standard were recorded in the past ozone season (2006), according to National Park Service data.

Nitrogen Deposition at Rocky Mountain National Park

Nitrogen Deposition (derived from Oxides of Nitrogen, or “NOx,” and Ammonia) at Rocky Mountain National Park is well studied. Several studies indicate that soils, waters, aquatic life, and plant species in the Park show evidence of changes due to nitrogen deposition.⁴ Current deposition levels have increased at a rate of 2% per year for the past 20 years, and are now 40 times 1950 levels. The nitrogen over-fertilizes some plant species and causes toxic effects in others. Among the observations are:

- Increased microbial activity in soil and talus
- Grasses and sedges out-competing native flowering plants, which could reduce habitat for some animals, and may be favoring the larger-than-desired elk population
- Lake and stream fertilization and acidification leading to altered species of diatoms (oxygen-producing algae)
- Old-growth Engelmann spruce on the east side of the Continental Divide (which has more traffic and other anthropogenic activity) show significantly altered chemistry due to nitrogen deposition relative to those west of the Divide.

Future ecosystem effects may include fish die-offs,⁵ and subsequent changes in their predator species.

While their contribution is projected to decrease in the future, motor vehicles on the Front Range are now and will remain a significant source of NOx in the Park. About one-third of the NOx inventory (2002) is attributed to on-road mobile sources. Ammonia from autos and other sources, including agricultural, also contribute to the elevated Nitrogen levels. Nitrate particulate deposition in the Park is dominated by in-State sources, including traffic from I-25.⁶ However, not all sources of Nitrate particulate deposition and other air pollutants in the Park are from in-State sources. Significant levels come from pollution generated in other states, as far away as Southern California.

² *Effects of Ozone Air Pollution on Plants*, US Department of Agriculture website, 12/5/06.

³ *Ozone Sensitive Plant Species on National Park Service and U.S. Fish and Wildlife Service Lands*, NPS Air Resources Division and USF&WS Air Quality Branch, 2003.

⁴ *Nitrogen Deposition: Issues and Effects in Rocky Mountain National Park: Technical Background Document*, RMNP Initiative, March 2004.

⁵ *Ibid*, Executive Summary.

⁶ Taipale, Curtis, 2007 Presentation of WRAP data and back trajectory analyses.

Aesthetics and View Sheds

Regional Haze is a problem in many areas of the state. Increased particulate levels and other pollutants have a detrimental effect on the visibility in national parks, wilderness areas, along scenic by-ways, and in urbanized areas like the front-range. The Clear Air Act defines a particular class of areas (Class 1 areas) where viewsheds are protected. However, even outside of these areas, viewsheds and aesthetic concerns are important features.

Pollutant Trends

Predicted trends for many pollutants, including NO_x, are downward. Tier II standards for vehicles and low-sulfur standards for gasoline and diesel fuels are the main controls. These will address levels of air toxics to some degree, as well as the targeted criteria pollutants. (Regional emissions of Ammonia, a component of Nitrogen deposition, are expected to increase slightly, mainly from agricultural sources. Vehicles will also continue to contribute some ammonia emissions.)

Projections are for significant decreases in emissions and modeled ambient levels of several pollutants of concern. For example, in 2002 mobiles sources contributed 43% of NO_x on the Front Range. Projections for 2018 indicate mobile source contribution will decrease to 20%, with NO_x emissions decreasing overall by about 31 percent.

Tribal Air Quality Requirements

Per the Tribal Authority Rule (§309) of the Clean Air Act, tribes have the ability to regulate all air emission activity within their respective Reservation boundaries. Therefore, with respect to compliance with air quality regulations or mitigation strategies for air pollution abatement from air pollution emission activities on tribal reservations, CDOT will consult with the appropriate tribal government office regarding their specific environmental and air quality regulations and requirements.

Specifically for the Southern Ute Indian Tribe in SW Colorado, the Tribe is developing a Reservation Air Code that will have Southern Ute Indian Reservation specific air quality regulations applicable to all air emission activities within the Reservation boundaries. All activities within the Southern Ute Reservation boundaries must comply with these specific regulations.

Mitigation Strategies:

- Encourage development of an effective multi-modal system that reduces reliance on single occupancy vehicles
- Identify traffic improvements that reduce automobile standing and/or idling
- Implement use of alternative fuels for CDOT fleet where feasible.
- Develop and implement programmatic strategies for addressing Air quality concerns at the broader level instead of as part of individual projects.

Mitigation Location:

Typically, any mitigation that will be provided in conjunction for a project and its construction activities will usually be within the project limits of that project. Construction air quality BMP's have the potential to improve air quality in and around the project area and will potentially provide a limited benefit on a regional basis as well.

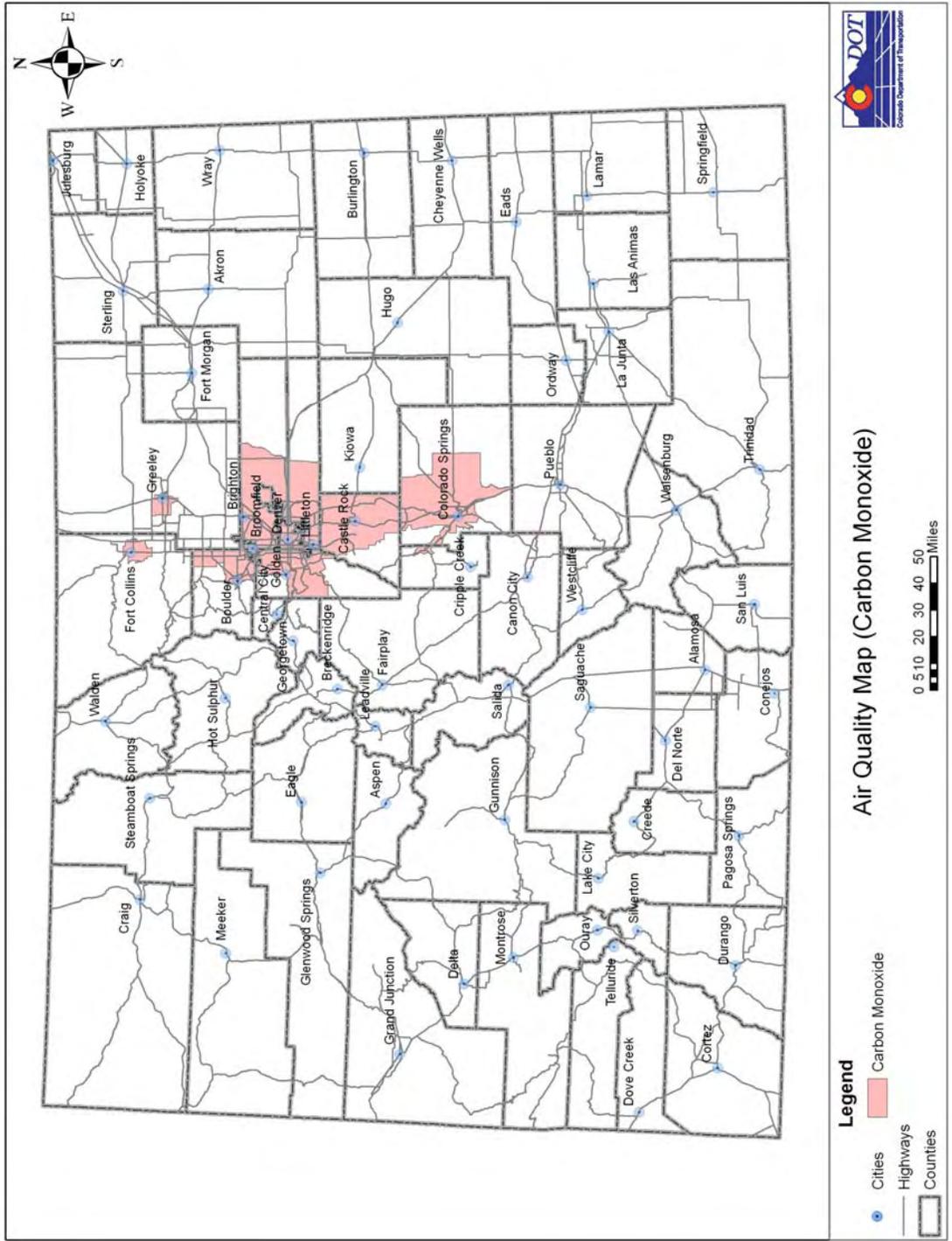


Figure 5: Areas of Air Quality Concern for Carbon Monoxide

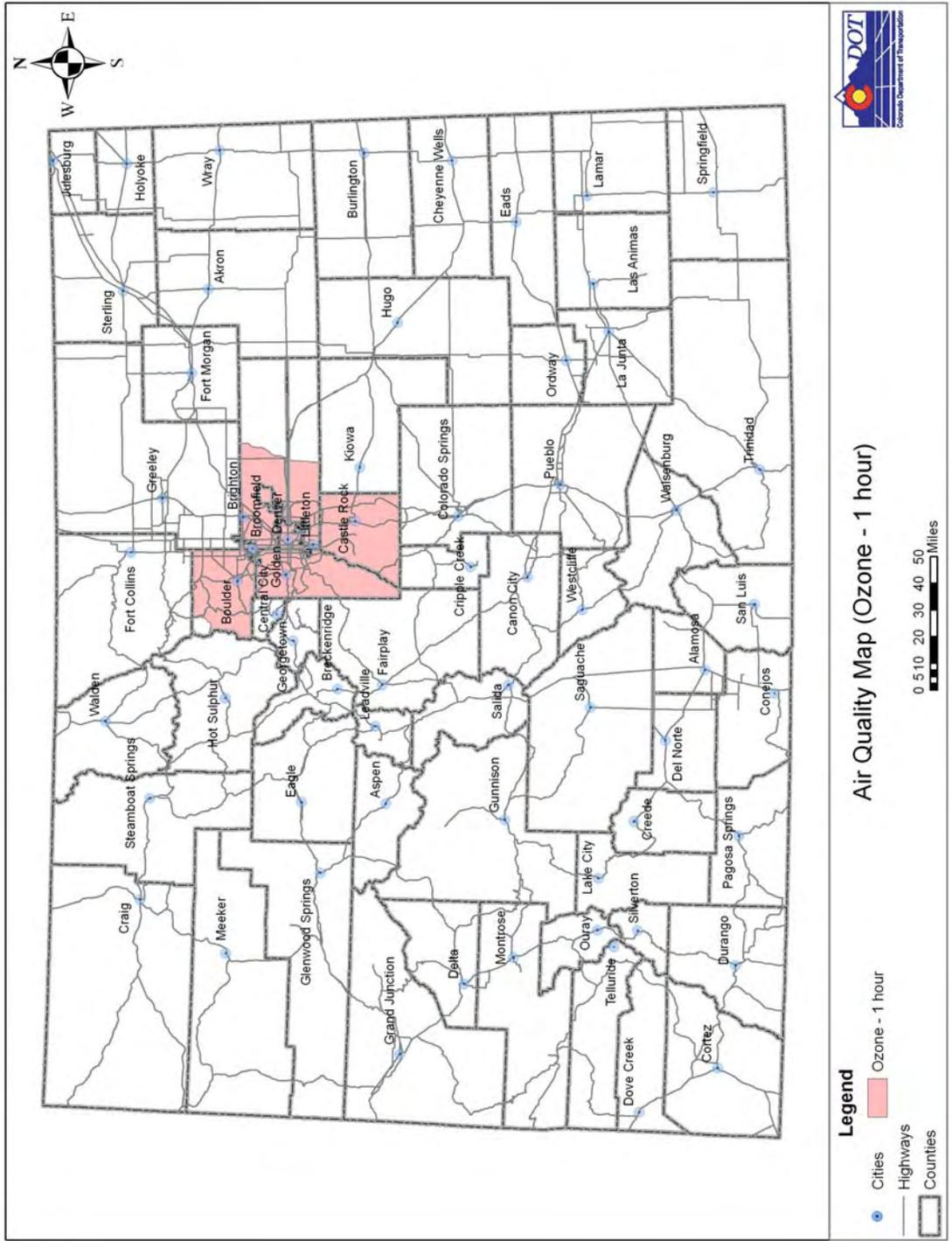


Figure 6: Areas of Air Quality Concern for the 1-hour Ozone Standard

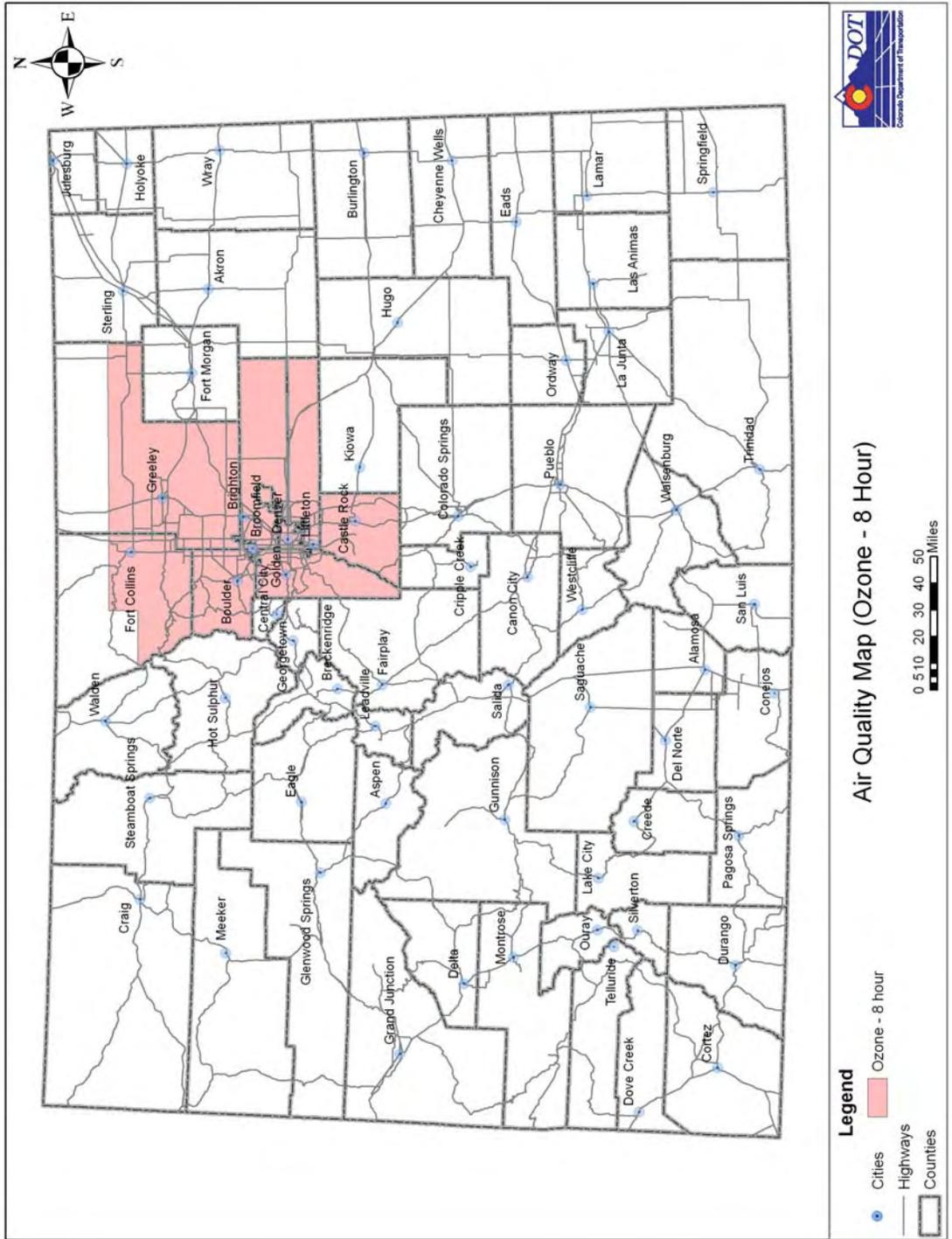


Figure 7: Areas of Air Quality Concern for the 8-hour Ozone Standard

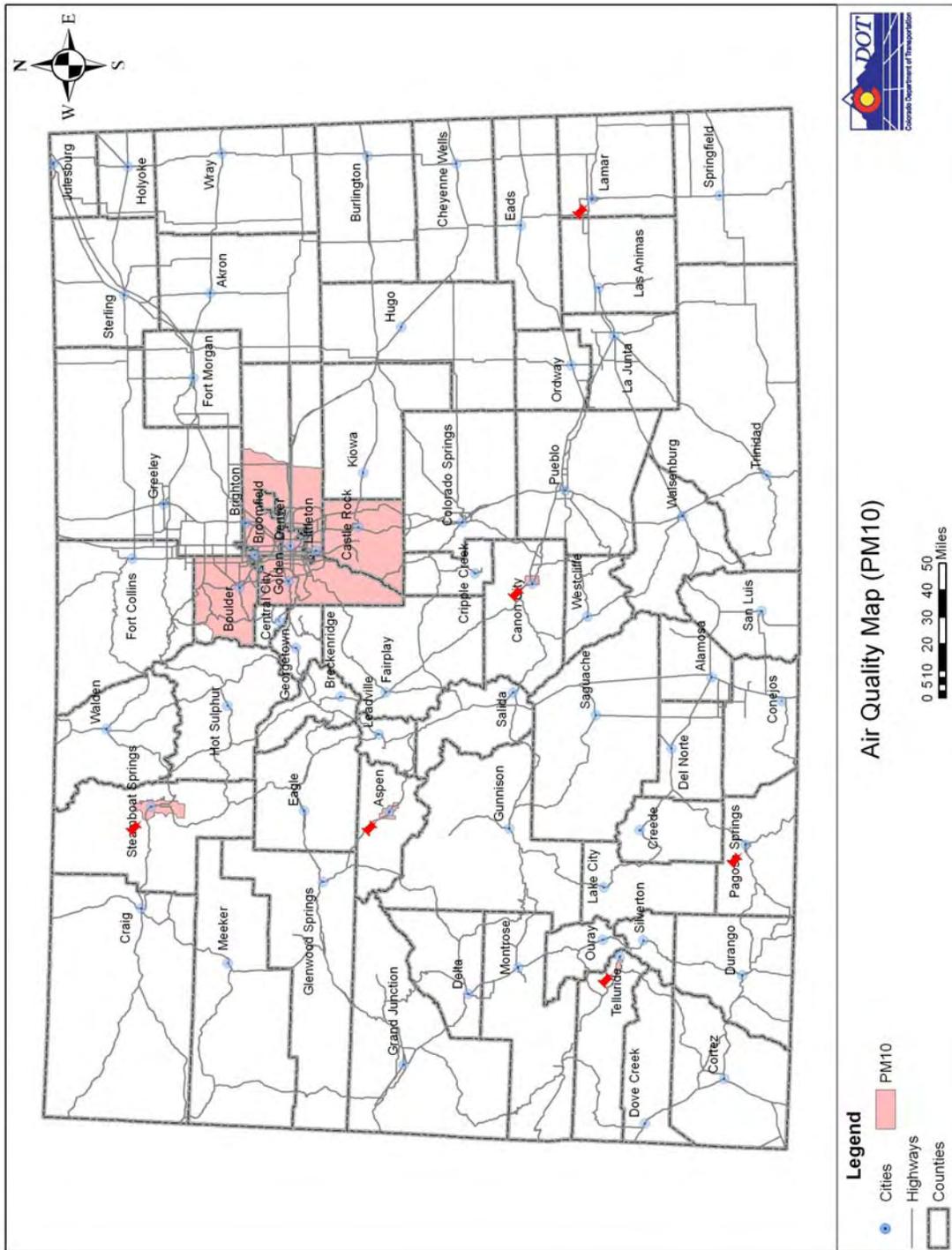


Figure 8: Areas of Air Quality Concern for the PM 10 Standard

Water Resources

Resource Description:

CDOT's activities have the potential to impact groundwater and surface water resources. Changes to hydrology caused by armored and impervious surfaces and the transport of pollutants in stormwater discharges are two of the primary mechanisms for such impacts. Stormwater discharges are generated by runoff from land and impervious areas such as paved streets, parking lots and building rooftops during rain and snow storms. These discharges often contain pollutants in quantities that could adversely affect water quality. CDOT minimizes impacts to water resources by complying with all applicable federal, state, and local laws, regulations, policies, and plans.

Most CDOT activities require some type of water quality permit, e.g., a Section 404 permit for in-water work; a CDPS Stormwater Construction Permit for construction activities; a CDPS MS4 Permit for discharges from CDOT's storm sewer system in Phase I and II areas. On sovereign tribal properties and on federal land, applicable permits must be received from EPA under the National Pollution Discharge Elimination System (NPDES).

SB40 was created primarily for the protection of fishing waters, but does acknowledge the need to protect and preserve fish and wildlife resources associated with streams, banks and riparian areas in Colorado. This is accomplished through erosion control, water contaminate control, discharge conditions, construction procedures, vegetation manipulation and noxious weed control. The measures included in SB40 are intended to be in conformance with guidelines specified in the *Erosion Control and Stormwater quality Guide*; *Standard specifications for Road and Bridge Construction*; Municipal Separate Storm Sewer System (MS4) permit; and *Drainage Design Manual*. Please go to the following link for specific information on SB40 jurisdiction, certification requests, general and special conditions:

<http://www.dot.state.co.us/environmental/Wildlife/sb40gdlns.pdf>

Mitigation Strategies:

Best management practices and other pollution prevention measures are used to reduce the amount of pollutants in stormwater discharges. Mitigation measures to restore or replace water resources typically involve the installation of features intended to treat roadway runoff before it enters surface waters. Innovative technologies, stormwater retrofit activities, and off-site mitigation or restoration options/plans may also be considered during strategy development.

Mitigation Location:

The locations of water quality mitigation efforts are project-specific and require an evaluation of localized opportunities to reduce impacts to water resources resulting from transportation construction, maintenance, and operations activities. Such localized evaluations also consider potential cumulative impacts associated with watershed-scale activities.

Wetlands

Resource Description:

Wetlands are areas that are inundated or saturated by surface or ground water at a frequency or duration sufficient to support a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs and similar areas. In Colorado, wetlands are often found along streams, in areas where the water table is close to the surface and areas where precipitation collects. Wetlands provide many important ecological functions, including water quality improvement, stream bank stabilization, fish and wildlife habitat, and aquatic food chain support. Wetlands also provide several functions important to communities, including flood attenuation and storm water detention, groundwater recharge and discharge, and recreational opportunities.

SB40 was created primarily for the protection of fishing waters, but it does acknowledge the need to protect and preserve fish and wildlife resources associated with streams, banks and riparian areas in Colorado. This is accomplished through erosion control, water contaminant control, discharge conditions, construction procedures, vegetation manipulation and noxious weed control. These measures, when properly used, can ensure that Colorado waters remain conducive to healthy functional wetlands throughout Colorado.

Please go to the following link for specific information on SB40 jurisdiction, certification requests, general and special conditions.

<http://www.dot.state.co.us/environmental/Wildlife/sb40gdlns.pdf>

Mitigation Strategies:

CDOT projects are required by federal law to first avoid and minimize impacts to wetlands. Where impacts are unavoidable, they must be mitigated. Preference must be given to the use of wetland banks where the project impacts occur within the Service Area of an approved wetland bank. A wetland bank is an organization (public or private) with an agreement with the U.S. Army Corps of Engineers to establish, restore, or otherwise improve wetlands such that others can purchase wetland credits to offset impacts to wetlands. Use of wetland banks is not appropriate where locally important ecological functions should be replaced on-site. Outside of an approved wetland bank's Service Area, mitigation should be on-site or within the same watershed as the impacts.

As Colorado communities continue to grow, mitigating for wetland impacts is becoming increasingly difficult and expensive. Anticipating and planning for future projects and operations in order to avoid and minimize impacts as much as possible is increasingly important, as is proactive identification of methods to mitigate unavoidable impacts.

CDOT is currently involved in the identification and development of proactive mitigation programs for wetlands. Current programs include the development of new wetland banks and cooperative partnerships with state, local, and federal agencies for the development of wetland enhancement and restoration programs.

Mitigation Location:

Wetland impacts are best mitigated within the same watershed. Keeping mitigation within the same watershed increases the potential to enhance and restore those wetland functions that may be impaired by unavoidable project impacts.

Ground Water and Springs

Resource Description:

Groundwater is derived from two sources: precipitation such as rain and snow melt and from magmatic origins (i.e. mineral springs). Groundwater is located in two specific zones with a water table located between the two zones. The “zone of aeration” occupies pore spaces, bedding planes, and joints of rocks and is found nearest the surface. The zone below the water table is the “zone of saturation” where interstitial space is filled with water. As the amount of available water increases or decreases, the water table will react accordingly, rising or falling. When the entire area below the ground is saturated, flooding will occur as a result as all subsequent precipitation is forced to remain on the surface and as available water raises the water table. Groundwater may return to the surface by seepage or through springs and may also be artificially withdrawn through the use of wells for domestic consumptive purposes.

Ground water and springs are primary sources of water for many communities in Colorado and are used for drinking water and for agricultural uses. In many areas groundwater is not treated before use. Contamination of ground water resources is difficult and expensive to remove. Road construction, the creation of impermeable surfaces and maintenance activities can negatively impact groundwater sources through contamination and through changes in hydraulic flows. Precautions should be taken to protect the resource from potential contamination from these activities.

Mitigation Strategies:

.Best Management Practices i.e. coir logs, straw bales, or bladder bags should be utilized as necessary.

Consultation with appropriate Tribal Water Quality Programs, local water management districts, EPA, and/or the CDPHE should be conducted for all projects. Consultations must take place prior to any land disturbances. Strict adherence to federal, state and tribal regulations and ordinances will be enforced.

Mitigation Location:

To the extent possible project BMPs adjacent to groundwater and springs should be installed in impervious locations to prevent the infiltration of contamination into groundwater and springs.

Highly contaminated liquids must be disposed of in a manner consistent with all federal, state and tribal laws and ordinances that will assure appropriate treatment and will not allow the substance to penetrate groundwater sources. Consultation with EPA and Colorado State Patrol will need to be conducted prior to project startup.

Social and Cultural Resources

The protection of social and cultural resources, consisting of features that comprise our shared cultural heritage and social resources is a key element of CDOT's environmental ethic.

Historic and Archaeological Resources

Resource Description:

Section 106 of the National Historic Preservation Act (NHPA) sets forth the process that federal agencies and their designated representatives must follow when planning undertakings that have the potential to affect significant historic and prehistoric properties. Typical historic resources include buildings, residential neighborhoods, commercial districts, agricultural complexes, bridges, canals, ditches, reservoirs and railroad lines. Less obvious resources can include structure foundations, trails, sidewalks and landscapes. Archaeological sites include surface scatters of chipped stone, ground stone or ceramic artifacts, architectural and non-architectural features such as pit houses and fire hearth remains, respectively, and any area exhibiting evidence of intact subsurface materials.

More than 40 Native American tribes have a historic interest in various parts of Colorado, including two resident tribes in portions of Archuleta, La Plata and Montezuma Counties (the Southern Ute Indian Tribe and Ute Mountain Ute Tribe). The NHPA mandates that FHWA and CDOT consult with Native American tribes during the planning of federal-aid transportation projects both on and off Indian reservations. Consultation with a Native American Tribe recognizes the government-to-government relationship between the United States Government and sovereign Tribal groups. In that context agencies must acknowledge that historic properties of religious and cultural significance to one or more tribes may be located on ancestral, aboriginal or ceded lands within and beyond modern reservation boundaries.

In addition to NHPA, a host of laws protect historic properties on public lands and Indian reservations or when federal funding is involved, two of which specific to archaeological remains are paramount: the Archaeological Resources Protection Act (ARPA) and the Native American Graves Protection and Repatriation Act (NAGPRA). ARPA instituted a permit system for the excavation of archaeological remains from federal lands and imposed civil penalties for the unauthorized removal of artifacts. NAGPRA in part defined the protocols to be followed when human remains and other items of cultural patrimony are discovered on federal lands or Indian reservations during federal aid projects. A Colorado law, the Historical, Prehistorical and Archaeological Resources Act of 1973 (as amended), outlines a similar administrative process when human remains are encountered on lands owned by the state of Colorado. Non-Tribal groups and individuals with an interest in historic preservation are also regularly invited to participate in the transportation project development process.

Mitigation Strategies:

For construction projects and many maintenance activities, CDOT conducts on-the-ground surveys to identify, record and evaluate cultural resources for eligibility to the National Register of Historic Places. When significant sites are identified within a proposed project area, an interdisciplinary team determines how best to avoid the localities or minimize adverse effects during construction.

Mitigation Location:

Historic and archaeological resources are fragile and individually unique, and mitigation strategies must therefore be developed independently for each property that will or may be impacted by a project. It is necessary to work with appropriate oversight agencies and interested public stakeholders to identify mitigation opportunities that will avoid, enhance and/or restore important cultural resources.

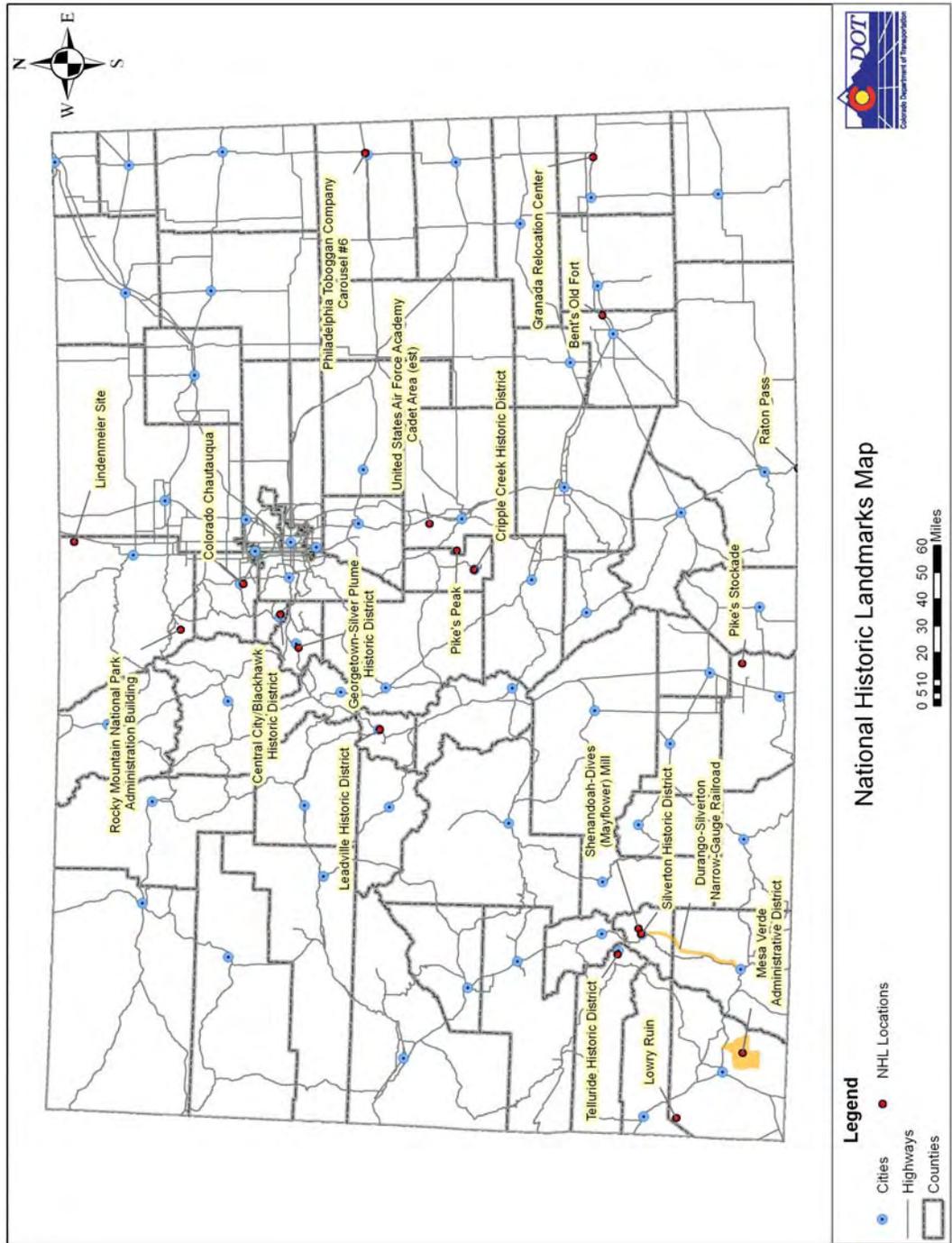


Figure 9: National Historic Landmarks in Colorado

Paleontology

Resource Description:

Paleontological resources are the physical remains of ancient life (fossils) and associated geologic data that, once lost, can never be recovered. Major ground-breaking and earth movement constantly threaten damage to and destruction of scientifically important resources. Conversely, construction excavation often permits the exposure of previously buried paleontological resources that would otherwise not be made available for scientific study and public education.

Mitigation Strategies:

Where construction impacts cannot be feasibly and cost-effectively avoided, mitigation of those construction impacts must be provided by collection of a scientifically representative sample of the resource known or believed to be present in the ground. The future of CDOT paleontological resource protection and impact mitigation relies on increasingly close cooperative efforts with ongoing paleontological resource research programs at Colorado universities and natural history museums.

Mitigation Location:

Any known scientifically significant fossil localities or known scientifically important fossil-bearing bedrock unit outcrops facing construction impacts. These could include existing or proposed road cut excavation, proposed roadway grade separation, proposed retaining wall, and proposed utilities trench sites.

Noise

Resource Description:

Sound can be defined as mechanical energy generated by movement or vibration from a source that can be sensed by the ear. Noise, generally, is defined simply as unwanted sound, and is the description usually given to sound that emanates from highway traffic. Each sound (noise) can be expressed in terms of three characteristics: magnitude, frequency, and time element.

The magnitude of a sound event can be measured in terms of its acoustic pressure. Since the range of absolute pressure values can vary over several orders of magnitude, the unit typically used to describe sound levels is the decibel (dB), which is a relation of the sound pressure level to a standard reference pressure. This ratio is then converted to a more compact logarithmic scale.

In general, noise increases from transportation projects are due to capacity increases or alignment changes. In all cases in which a project is identified as Type I (see CDOT guidance for description), a noise analysis study is required if noise sensitive receivers are present within the project study zone. This study zone is defined as a 500-foot distance in all directions from the proposed edge of traveled way throughout the extents of the project. This 500-foot “halo” defines the extents for the noise analysis and shall include receivers on all sides of the highway.

A traffic noise impact is considered to occur when any noise sensitive receiver is subjected to either 1) existing or future noise levels that approach or exceed the noise abatement criteria (NAC), or 2) future noise levels that substantially exceed the existing noise levels. Both of the above must be analyzed to adequately assess the noise impact of a proposed project.

Mitigation Strategies:

Noise analyses on highway projects are mandatory under FHWA regulations when a Federal-aid project is proposed that consists of the construction of a new highway in a new location or the physical alteration of an existing highway that significantly changes the horizontal or vertical alignment of a highway or increases the number of through traffic lanes. Any impacts that are identified must be mitigated if it is found to be both feasible and reasonable to do so in accordance with CDOT Noise Analysis and Abatement Guidelines. The primary consideration in determining if noise mitigation is to be provided is if a perceivable noise reduction can be achieved through reasonable efforts.

Mitigation Location:

Noise mitigation that meets the applicable criteria will be provided with the project for the areas that are identified in the project noise analysis. Traditional noise mitigation measures, such as noise barriers, are normally provided to benefit the first two to three

rows of homes or other noise sensitive receptors directly adjacent to the project within the general project area, with the first row receiving the highest consideration.

Hazardous Waste

Resource Description:

Hazardous wastes and solid wastes are discarded materials as defined in the Resource Conservation and Recovery Act (RCRA) and other federal statutes. In addition, these terms are defined in various state statutes. This material represents a very real threat to the health and well being of the general public as well as the environment when it is mismanaged. Improperly disposed of wastes can contaminate the air, soil and drinking water and direct exposure to waste chemicals can have both chronic and acute effects on people and environmental receptors. CDOT uses materials in its day-to-day operations that, when discarded, are classified as hazardous or solid waste and must be disposed of properly. In addition, CDOT acquires properties that may contain regulated wastes on-site. These wastes require proper identification, management (storage and treatment) and disposal.

Hazardous and solid wastes are also associated with historic mine sites and other locations where heavy metals or radioactive elements are used or processed.

Mitigation Strategies:

Where possible and practicable it is best to stabilize and contain hazardous waste that is discovered during project development and construction in the location it is found. Disturbing and transportation of hazardous wastes for disposal off-site runs the risk of spreading contamination and/or creating additional health risks. These risks must be balanced against potential long-term liability and responsibility issues.

For CDOT generated hazardous waste or where discovered hazardous waste issues cannot be addressed in-situ, it is best to send the waste materials to an appropriate disposal or treatment facility and remove the possibility of releases and exposure. If the waste materials have already been released into the environment, then remediation and verification should be evaluated. Long term onsite storage and/or disposal of hazardous waste would necessitate obtaining a hazardous waste permit. Similarly, storage, treatment and final disposal of solid waste on site would require obtaining an approved Design and Operations Plan. More information can be found on the EPA's RCRA website: <http://www.epa.gov/epaoswer/osw/laws-reg.htm>

On tribal lands, additional permitting requirements apply for the transportation of hazardous material and additional coordination is necessary.

Mitigation Location:

New techniques and tools are being developed that can render some hazardous materials inert and disposable at landfills. However, in many cases if a hazardous waste must be disposed of off-site, there are limited locations where these materials can be sent for disposal.

Some hazardous wastes can be treated at the point of generation and rendered non-hazardous. However, this should be left to experts. For solid wastes, the local landfill should be contacted to ensure they are capable of and willing to accept the waste materials. For hazardous wastes, there are facilities that can take the wastes, but they may not be in Colorado. Contact hazardous waste transporters to find an appropriate treatment or disposal facilities.

Parks and Recreational Resources

Resource Description:

Parks and recreational resources are an important part of many communities in Colorado. They provide opportunities for physical and mental relaxation and can also provide focus points for community activities and events. Recreational resources include bike and pedestrian paths as well as publicly owned recreation features. It includes parks and recreational features that may be attached to public schools or other publicly owned buildings. Parks and recreational resources include those operated by local municipalities, State and Federal agencies, and the Tribal governments.

Mitigation Strategies:

Where projects are located within the vicinity of parks and recreational resources, CDOT works closely with the public agency or official with primary responsibility for the park or recreational resource (official with jurisdiction). Working with these agencies, CDOT strives to identify mitigation that will at least replace any features or attributes of the park or recreational resource that are impacted by the project. In many instances CDOT and the official with jurisdiction can identify opportunities to enhance the park or recreational resource features and attributes. Additionally, during construction, to the extent practical access to parks and recreational resources should be maintained, detours for bike and pedestrian paths should also be provided.

Mitigation Location:

To the extent possible, mitigation should take place within the park or recreational resource that is being impacted by the project. If bike and pedestrian paths will have to be re-routed, the new routes should be near the original alignment. However, as specific mitigation is developed with the official with jurisdiction, if it is determined that there are other alternatives for mitigation that would result in increased benefits to the resource and the community, then these should be explored.

Existing Proactive Programs

The Transportation Environmental Resource Council

In furtherance of CDOT's goal to coordinate with the various resource agencies, CDOT has created the Transportation Environmental Resource Council (TERC). The TERC members represent CDOT, the Bureau of Land Management (BLM), U.S. Army Corps of Engineers (Corps), U.S. Environmental Protection Agency (EPA), U.S. Federal Highway Administration (FHWA), FHWA Colorado Federal Lands Highway Division, U.S. Fish and Wildlife Service (FWS), U.S. Forest Service (FS), Colorado Department of Natural Resources (DNR), Colorado Department of Public Health and the Environment (CDPHE), and the Colorado Division of Wildlife (DOW). This Council is designed to provide continuing oversight of CDOT programs and projects to ensure that cooperation is maintained and that internal CDOT policies are consistent with the needs of the various resource agencies. The TERC oversaw the creation of the Environmental Stewardship Guide, and will be taking a leadership role in coordinating the development of future CDOT environmental policies and procedures. The TERC also ensures that early consultation with all interested agencies takes place, that projects are not developed without the necessary and proper input of the resource agencies, and that conflicts are identified and addressed at the earliest possible stage of project development.

Highways to the Skies

"Highways to the Skies: a Context and History of Colorado's Highway System" is the culmination of several years of cooperative effort between CDOT and the Colorado Historical Society to document the historic highways of Colorado and to identify the important historical features of Colorado's highway system. This study help ensure that the significant historical attributes of the highway system are not lost to future generations.

East Plum Creek Conservation Bank

Preble's Meadow Jumping Mouse (PMJM) is a federally listed threatened species found only in riparian habitat along the Front Range of Colorado and Wyoming. The continued existence of the species is in doubt due to pressures from development and the loss of suitable riparian habitat. Individual populations are often isolated which means that as suitable habitat disappears, these populations will be lost. In an effort to not only mitigate for the impacts of highway projects, but also to proactively work towards the recovery of the PMJM, CDOT has undertaken innovative habitat restoration programs in Douglas County, Colorado.

In East Plum Creek, the result of surrounding development has been the increase in significant run off events. Due to the sandy soils, this has caused the creek to become deeply incised. As a result, water tables were dropping and riparian habitat was disappearing. As part of its mitigation plan for projects near East Plum Creek, CDOT has installed a number of check dams designed to halt further incision of the stream channel, increase groundwater elevations, and restore the riparian habitats surrounding the creek.

Mitigation credit was tied to benchmarks representing progress made towards establishing these goals. To date, the groundwater table has risen, riparian habitats are showing significant signs of improvement, and sand bars are forming within the check dam complex. Willows, important PMJM habitat flora, have rebounded in the area and other wildlife, including beaver, is returning to the area. After only a year, the East Plum Creek Conservation Bank is exceeding everyone's expectations.

Because of the need to complete construction activities during the PMJM hibernation cycle, the East Plum Creek Conservation Bank was formalized only after construction had begun. Commitments on the behalf of CDOT, FHWA and FWS were agreed to on a handshake agreement. This project would not have been possible if it were not for the close working relationship between CDOT and FWS, and a commitment to proactive environmental stewardship.

EL Paso County Programmatic Preble's Agreement

In recognition of the importance of linkage corridors to the recovery of PMJM, CDOT proposed to the FWS that as mitigation for impacts resulting from future projects in El Paso County, CDOT would protect and restore habitat linkage between several isolated populations. Unless these linkages are protected and restored, PMJM recovery in El Paso County will be impossible. In recognition of this fact, and based upon the relationship and trust between FWS, and CDOT, a programmatic agreement has recently been reached that will incorporate the protection and restoration of PMJM habitat linkages as a major component of a programmatic mitigation plan. It is hoped that as a result, the PMJM will not only be preserved, but will be taking the first steps towards recovery in Colorado.

CDOT MS4 Permit and Program

One of the most important resources in the State of Colorado is water. To ensure that high standards for water quality are not impaired by CDOT activities, CDOT has entered into a Municipal Separate Stormwater System Discharge Permit (MS4 Permit) with the Colorado Department of Public Health and the Environment. As part of the permit, CDOT has dedicated itself to maintaining stormwater control devices, implementing a series of Best Management Practices, preventing illicit discharges, and implementing a training program that educates both CDOT staff and the public about water quality concerns. Phase I of the permit included only a few communities along the Rocky Mountain Front Range. Phase II, which began in 2003, covers nearly 50 communities across all of Colorado.

CDOT's Winter Conference, the training aspect of the MS4 Permit, just completed its third annual session. Nearly 300 people attended this year; in addition to CDOT environmental, project development, and maintenance staff were representatives from various state and federal agencies, as well as CDOT private sector consultants and contractors. As part of the conference, participants also had the opportunity to complete an 8 – hour certification for "Stormwater Management and Erosion Control During Construction. The Winter Conference was designed to educate participants about different aspects of the water quality program from erosion control to water quality

concerns, but extended even beyond this mandate to include sessions on other environmental programs as they relate to maintenance issues including everything from Paleontology and Archaeology, to Wetlands and Endangered Species.

Linking Colorado's Landscapes

The Linking Colorado Landscapes program was a CDOT/FHWA funded project with the Southern Rockies Ecosystem Project (SREP). Using expert panels involving wildlife professionals around the state, 173 wildlife linkage areas were identified around the state for a wide range of species.

The 173 wildlife linkages identified were areas deemed of primary importance for the movement of wildlife through existing habitats. Transportation facilities in these linkage areas create barriers to wildlife movement which may present safety concerns for motorists.

12 of the most important of these linkages were identified for the second phase of the project. For these 12 linkages, teams including wildlife professionals as well as transportation engineers evaluated the linkage areas for opportunities to reduce the barrier effect of the roadway and identify potential wildlife crossing structure opportunities including underpasses and wildlife overpasses. An evaluation of wildlife crossing options was created for each of the 12 corridors intended to provide information for any future projects within the linkage area.

The Shortgrass Prairie Initiative

The shortgrass prairie ecosystem is one of the most imperiled in the United States and makes up approximately the eastern one third of Colorado. Home for more than forty threatened, endangered, or declining species including the Black-tailed Prairie Dog, the Black-footed Ferret, the Loggerhead Shrike, and the Lark Bunting (Colorado's State Bird), any impacts to this ecosystem must be carefully considered.

In an effort to protect listed threatened and endangered species, as well as proactively attempt to preserve declining species, CDOT entered into an MOA with FHWA, FWS, DOW, and the Nature Conservancy to create the SGPI. The SGPI will result in the creation of a shortgrass prairie preserve designed to protect and manage habitat for over twenty species that are likely to be impacted by highway maintenance and improvement projects over the next twenty years. As impacts from projects within the shortgrass prairie ecosystem occur, credits will be taken from the shortgrass prairie reserve as a way of accounting for mitigated. On-site avoidance and minimization will still be required, as will mitigation for those species which studies showed would not benefit as readily from off-site mitigation as on-site mitigation efforts.

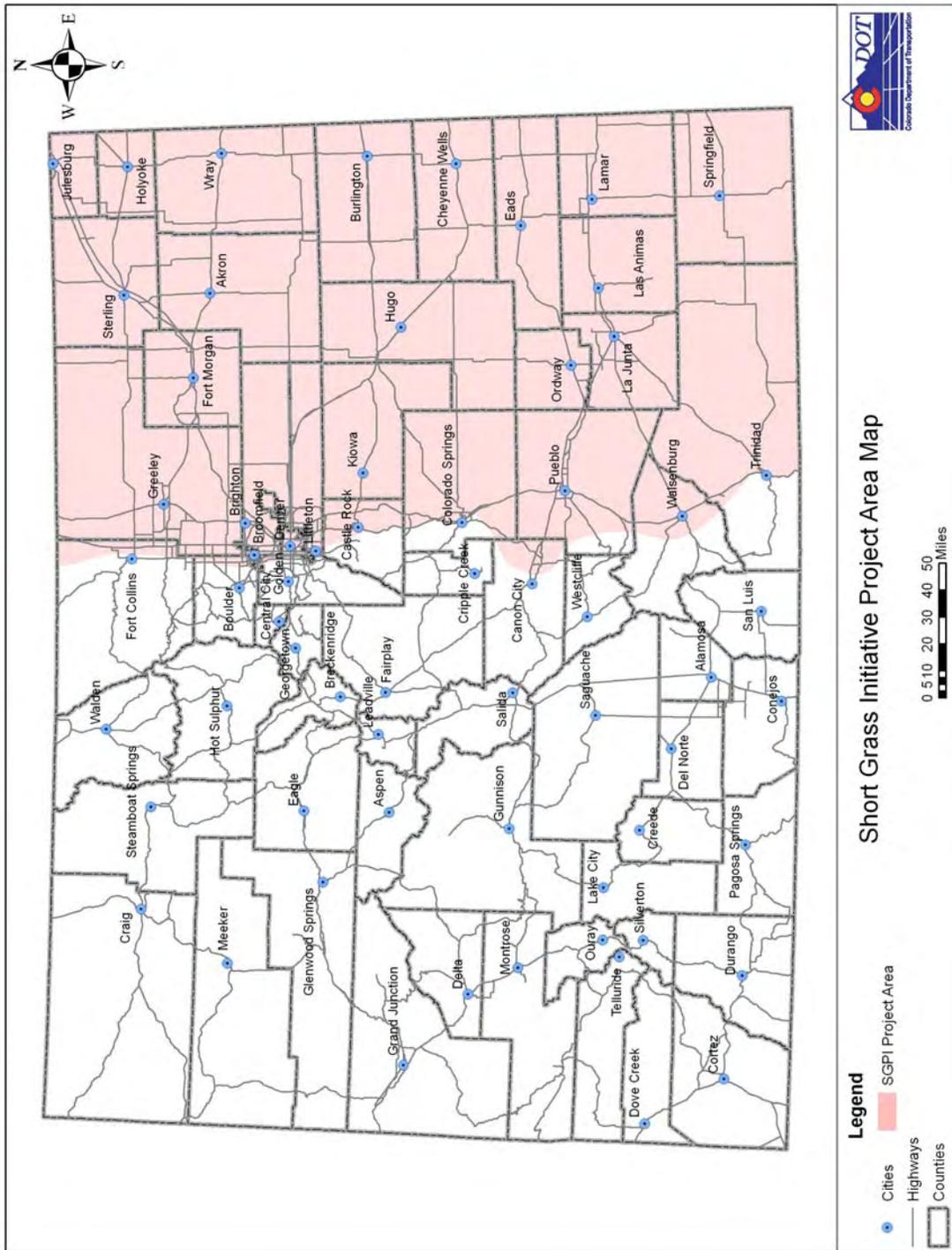


Figure 5: Area of Applicability for the Shortgrass Prairie Initiative

Consultation and Coordination

The SAFETEA-LU requirements related to consultation and coordination with resource and regulatory agencies in the long-range transportation planning process created a mandate for the transportation agencies to consult with resource and regulatory agencies. It did not provide funds or create a reciprocal obligation for non-DOT agencies. In recognition of the fact that CDOT is asking for more work from already overworked and understaffed government offices, CDOT developed a consultation program intended to meet and exceed the requirements of SAFETEA-LU, while simultaneously keeping the time and fiscal resource impacts of consultation on other agencies to a minimum.

To do this, CDOT explained the new requirements to the various resource and regulatory agencies and made a promise that CDOT would do as much work up front, and deliver products for consultation that were as complete as possible and would require as little resource commitment as possible from resource and regulatory agencies.

The intent is to develop a program that effectively and appropriately involves resource and regulatory agencies early in the transportation planning process so that resource and regulatory agency need and requirements can be identified as early as possible, and appropriately incorporated into the transportation plans. Additionally, this provides opportunities for identification of areas where proactive mitigation and partnerships can be developed to reduce and compensate for impacts, well in advance of projects.

CDOT has several on-going consultation activities with resource and regulatory agencies, including:

The Transportation Environmental Resource Council (TERC):

The TERC is composed of executive management officials from state and federal resource and regulatory agencies as well as CDOT and the Metropolitan Planning Organizations. The TERC provides a venue to increase executive level understanding of the various roles and responsibilities of the various agencies as well as addressing systemic problems and identifying additional cooperative programs.

Quarterly Meetings:

CDOT has one-on-one quarterly meetings with several different resource and regulatory agencies including the Army Corps of Engineers, the Environmental Protection Agency, and the State Historic Preservation Office. These consultation meetings provide the opportunity to address issues and concerns outside of specific projects. Additionally, these quarterly meetings provide staff the opportunity to identify opportunities to improve consultation processes and develop partnerships.

Agency Liaisons:

CDOT has funded liaison positions with several different agencies. Currently the only liaison is with the U.S. Fish and Wildlife Service, but past liaison positions have included the Colorado Department for Public Health and the Environment, and the U.S. Forest Service. CDOT continues to evaluate potential liaison positions for their potential to improve relationships and streamline consultation needs.

For the 2035 long-range plan, CDOT has engaged in a number of specific consultation and coordination activities.

August 2006: CDOT/FHWA Conservation Planning Workshop

The Conservation Planning Workshop provided an opportunity for resource and regulatory agencies to learn more about the requirements of SAFETEA-LU as well as CDOT's plan for meeting these regulatory requirements. The workshop also included information on conservation planning tools and techniques as well as public participation visualization tools. Final commitments from CDOT to the resource and regulatory agencies regarding consultation for the 2035 plan were developed and committed to at this workshop.

September 2006 – November 2006: Resource Agency Review of Inventories and Conservation Plans

CDOT developed a list of available resource inventories and conservation plans available in the State of Colorado. The draft list of inventories and conservation plans were submitted to the resource and regulatory agencies, as well as the Metropolitan Planning Organizations for review and comment. The U.S. Fish and Wildlife Service asked that some method of identifying migratory birds be identified. Colorado Division of Wildlife developed new resource inventories to replace those that CDOT had available. The new inventory was incorporated into the CDOT datasets. No additional comments were received. These inventories were used to develop an environmental context for each of the corridors in the long range plan. While specific impacts and locations are not identified in the long range plan, this information will provide transportation planners and project managers with early insight into the types of environmental resources that are known to exist in each corridor.

January 2007: Internal and MPO Draft Mitigation Discussion Review

The Draft Environmental Mitigation Discussion was distributed for internal and MPO review and comment. Several comments were received and incorporated into the discussion. The internal review was completed to assure that the information and commitments made in the mitigation discussion are accurate reflection of CDOT knowledge and practices. The mitigation strategies include

those that are in practice or are required by laws and regulations. While several suggestions for strategies not currently practiced were considered, these were not include where CDOT could not make an affirmative commitment that such strategies would be implemented in a reasonable time frame.

February 2007 – May 2007: Resource and Regulatory Agency Review and Comment

The Draft mitigation discussion was distributed to resource agencies for review and comment. CDOT incorporated agency advice and recommendations to the maximum extent possible for the level of information available at the long-range planning stage. Where there were conflicts between agency requests and what CDOT can realistically commit to, or between different agency comments, CDOT cooperatively addressed the conflicts to develop a mitigation discussion acceptable to all parties. Significant changes were made to the wildlife discussion, Lynx and Preble's discussions, and Air Quality discussion.

March 2007: Environmental Forum

The March Environmental Forum was a first time event to improve relations and develop understanding at the planning level of resource/regulatory agency responsibilities and concerns. It provided an opportunity for one-on-one conversations between resource and regulatory agencies and local transportation planning officials. It fostered an atmosphere of cooperation and provided an opportunity for cooperative identification of potential conflicts and opportunities at the regional level and provided the opportunity for resource and regulatory agency needs and concerns to be identified at the earliest planning stages. This event did not seek to address specific project concerns or to develop specific resource information.

June – November 2007: Tribal Review and Comment

The Draft mitigation discussion was distributed to Southern Ute and Ute Mountain Ute tribes for review and comment. Comments and suggestions related to discussion of Tribal sovereignty as well as recommendations and changes to resource discussions and overall document format were made. To the extent possible, these changes were incorporated before the public draft was released.

APPENDIX A: ENVIRONMENTAL FORUM NOTES

Colorado Department of Transportation 2035 Statewide Environmental Forum

March 9, 2007

8:30 am - 2:15 pm

Holiday Inn Select - Cherry Creek

455 S. Colorado Blvd

Denver, Colorado

**Colorado Department of Transportation
2035 Statewide Environmental Forum**

March 9, 2007 8:30am to 2:15pm
Holiday Inn Select – Cherry Creek – Main Conference Room (The Colorado)
Agenda

Forum facilitators: George Gerstle and Brad Beckham

Welcome by Jennifer Finch, Director of the Division of Transportation Development	8:30 am – 8:45 am
How the Environmental Forum will work by Yates Oppermann	8:45 am – 9:00 am

Environmental World Cafe

1 st Rotation	9:00 am - 9:15 am
2 nd Rotation	9:15 am - 9:30 am
3 rd Rotation	9:30 am - 9:45 am
4 th Rotation	9:45 am - 10:00 am
5 th Rotation	10:00 am - 10:15 am

Break – 15 minutes

6 th Rotation	10:30 am – 10:45 am
7 th Rotation	10:45 am – 11:00 am
8 th Rotation	11:00 am – 11:15 am
9 th Rotation	11:15 am – 11:30 am
10 th Rotation	11:30 am – 11:45 am

Lunch – 11:45 am – 12:45 pm

11 th Rotation	12:45 pm – 1:00 pm
12 th Rotation	1:00 pm – 1:15 pm
13 th Rotation	1:15 pm – 1:30 pm
14 th Rotation	1:30 pm – 1:45 pm
15 th Rotation	1:45 pm – 2:00 pm
Wrap up and Conclusions	2:00 pm - 2:15 pm

Break – 15 Minutes

STAC Discussion on FY 07 Federal Discretionary Funding Request	2:30 pm – 3:30 pm
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Introduction

How can the State of Colorado effectively balance statewide and regional transportation needs while preserving valuable environmental resources? What are the most effective ways to find opportunities for collaborative partnerships linking transportation and the environment? To begin a statewide dialog on these issues, the Colorado Department of Transportation (CDOT) and its planning partners are excited to facilitate today's Environmental Forum. For the first time, today's event will bring together representatives from Environmental Resource and Regulatory agencies, Metropolitan Planning Organizations (MPOs) and Transportation Planning Regions (TPRs) to discuss transportation trends and gain an understanding on a myriad of environmental resources.

Using a 'World Café' public involvement technique MPOs and TPRs will engage in short one-on-one discussion for the purposes of gaining a better understanding of our collective responsibility as stewards of the environment.

Today's Environmental World Café has the following goals to support:

1. MPO and TPR overviews of environmental resource and regulatory agency concerns and priorities for their area.
2. CDOT approach toward satisfying consultation requirements for Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU).
3. MPO and TPR discussions with resource and regulatory agencies on emerging trends and issues and the roles and responsibilities of participating resource and regulatory agencies.
4. Environmental resource and regulatory agencies understanding of the transportation goals and priorities in each TPR and MPO.

Today's world café discussions will be documented and emerging issues will be further explored throughout the 2035 Statewide and Regional Transportation Planning Process. Below is a schedule for the development of the 2035 Statewide and Regional Transportation Plans.

2035 Statewide and Regional Plan Development Tasks	Dates
Transportation Commission takes action on Long-Range Revenue Projections and Resource Allocation	Dec 2006
Statewide Transportation Workshop	Feb 14, 2007
Environmental Forum	March 9, 2007
Draft Regional Non-Metropolitan Planning Organizations (MPOs) Plans	July 2007
Draft MPOs and Statewide Plans	Sept - Oct 2007
Public Involvement on the Draft Statewide and Regional Plans	Sept - Nov 2007
Final Regional Plans Due	Jan 2008
Transportation Commission Adopts the 2035 Statewide Transportation Plan	Feb 2008

The following are the mission statements and primary area of responsibility for today's participating Resource and Regulatory agencies:

US Fish and Wildlife Service (USFWS)

Mission: The U.S. Fish and Wildlife Service's mission is, working with others, to conserve, protect and enhance fish, wildlife, plants and their habitats for the continuing benefit of the American people.

Primary Resources: Threatened and Endangered Species and Migratory Birds

Army Corps of Engineers (USACOE)

Mission: The U.S. Army Corps of Engineers has a very active environmental program under both its Military and Civil Programs. The Civil Works Program has an environmental mission that ensures all Corps projects, facilities and associated lands meet environmental standards. The program has four functions: compliance, restoration, prevention, and conservation. The Corps also regulates all work in wetlands and waters of the United States.

The Military Environmental Program serves the nation through superior management, design and execution of a full range of cleanup and protection activities:

- cleans up sites contaminated with hazardous waste, radioactive waste, or ordnance
- complies with federal, state, and local environmental laws and regulations
- strives to minimize our use of hazardous materials
- conserves our natural and cultural resources

Primary Resources: Wetlands

State Historic Preservation Office (SHPO)

Mission: The Office of Archaeology and Historic Preservation creatively engages Coloradans and their guests in partnerships to discover, preserve, and take pride in our architectural, archaeological, and other historic places by providing statewide leadership and support to our partners in archaeology and historic preservation.

Primary Resources: Historic Resources

Division of Wildlife (DOW)

Mission: To perpetuate the wildlife resources of the state and provide people the opportunity to enjoy them. The Division of Wildlife manages the state's 960 wildlife species. It regulates hunting and fishing activities by issuing licenses and enforcing regulations. The division also manages more than 230 wildlife areas for public recreation, conducts research to improve wildlife management activities, provides technical assistance to private and other public landowners concerning wildlife and habitat management, and develops programs to protect and recover threatened and endangered species. Wildlife regulations are established by the eight-member Wildlife Commission.

Primary Resources: Wildlife and Riparian Areas

Colorado Dept. of Public Health and Environment - Air, Water, Waste (CDPHE)

Mission: The CDPH&E is committed to protecting and preserving the health and environment of the people of Colorado.

Primary Resources: Water Quality, Air Quality and Waste

Environmental Protection Agency (EPA)

Mission: The mission of the Environmental Protection Agency is to protect human health and the environment. Since 1970, EPA has been working for a cleaner, healthier environment for the American people.

Primary Resources: NEPA Review, Wetlands, and Smart Growth

U.S. Forest Service (USFS)

Mission: The mission of the US Forest Service is to achieve quality land management under the sustainable multiple-use management concept to meet the diverse needs of people.

Primary Resources: Federal Land Management

Bureau of Land Management (BLM)

Mission: The Bureau of Land Management administers public lands within a framework of numerous laws. The most comprehensive of these is the Federal Land Policy and Management Act of 1976 (FLPMA). All Bureau policies, procedures, and management actions must be consistent with FLPMA and the other laws that govern use of the public lands. It is the mission of the Bureau of Land Management to sustain the health, diversity and productivity of the public lands for the use and enjoyment of present and future generations.

Primary Resources: Federal Land Management

National Park Service (NPS)

Mission: The mission of the National Park Service is to promote and regulate the use of the national parks which purpose is to conserve the scenery and the natural and historic objects and the wildlife therein, and to provide for the enjoyment of the same in such manner and by such means as will leave them unimpaired for the enjoyment of future generations.

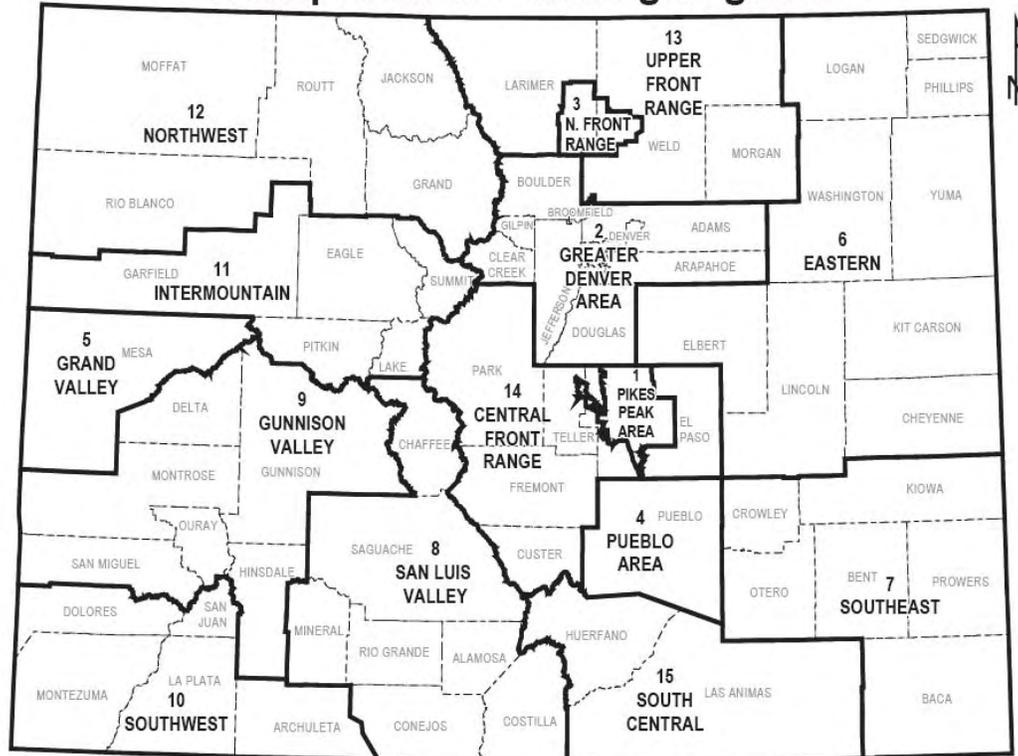
Primary Resources: Federal Land Management

Colorado State Parks (CSP)

Mission: The mission of the Colorado State Parks is to be leaders in providing outdoor recreation through the stewardship of Colorado's national resources for the enjoyment, education, and inspiration of present and future generations.

Primary Resources: State Park Management

Transportation Planning Regions



Data Source: CDOT 2005

Published: May 2006

Transportation Planning Regions and Metropolitan Planning Organizations

The following section includes one page summaries for all Transportation Planning Regions (TPRs) and Metropolitan Planning Organizations (MPOs). These one page summaries outline each TPR and MPO organizational structure, regional population, and emerging trends and issues. The information for these summaries was gathered from 2030 Long Range Transportation Plans and 2035 Regional Technical Reports.

Pikes Peak Area Council of Governments MPO (PPACG)

1. MPO Structure and Responsibility

Pikes Peak Area Council of Governments is the federally designated MPO for the Colorado Springs metropolitan area. PPACG's Board of Directors is composed of 19 members from participating local and county governments in the Pikes Peak region (comprised of El Paso, Park and Teller Counties). PPACG is responsible for air quality, water quality, and demographic and economic forecasting in this three county area. As the MPO for the Colorado Springs Metropolitan Area (comprised of the western two thirds of El Paso County, Ute Pass and Woodland Park) PPACG is responsible for developing the fiscally constrained 20+year Regional Transportation Plan that addresses all transportation modes (road, transit, bike and pedestrian facilities, air, and rail), the short-term (six-year) Transportation Improvement Program (TIP) which is a list of funded transportation projects, a set of Congestion Management Procedures to address traffic congestion, and certification that the region will meet Air Quality Conformity.

2. MPO Population and Description

In 2003, the Colorado Springs Metropolitan Area was home to an estimated 530,000 people. The current population forecast for the area is over 970,000 people by year 2035. In 2005, the Department of Defense (DOD) announced a new round of Base Realignment and Closure (BRAC). These increases will nearly double the number of military (to ~ 40,000) in the Colorado Springs area by year 2010. Due to this substantial influx of new people, PPACG has received a grant from the DOD Office of Economic Adjustment (OEA) funding the Regional Growth Coordination Plan to coordinate development for the base's future expansion. PPACG is partnering with Pueblo on both this and an FHWA Planning and Environmental Linkage project for this long range plan. PPACG is classified as a Maintenance area for carbon monoxide, and ozone levels are approaching attainment limits.

3. Key Regional Trends and Issues

Colorado Springs has been the most congested city of its size for several years. It also has the lowest ratio of expressway and freeway lane miles to population in its class. To improve this situation there are four environmental studies for transportation projects at or nearing completion. Other relevant planning activities in the region include:

- Pikes Peak Sustainability Indicators Project is a broad partnership to document trends in sustainability policies for regional decision-making efforts.
- The Fountain Creek Watershed Crown Jewel Project to develop a Watershed Vision and Master Plan for restoration, protection, and sustainable use through institutional development, training and technology. Also, the Army Corps of Engineers is awaiting funding for phase three of the watershed study.
- The Peak to Prairie Project, a conservation initiative to preserve and protect key resources by knitting together and protecting public and private lands.
- The 2003 "Sustaining Nature and Community in the Pikes Peak Region," is a cumulative impacts analysis for transportation in the Pikes Peak region. CDOT and PPACG desire to update this analysis.
- The region will host a USFWS Green Infrastructure workshop specific to the Pikes Peak region (proposed May 2007).

Denver Regional Council of Governments MPO (DRCOG)

1. MPO Structure and Responsibility

The Denver Regional Council of Governments (DRCOG) is the Metropolitan Planning Organization (MPO) for transportation planning in the region (including Adams, Arapahoe, Boulder, Douglas, and Jefferson counties, the City and County of Denver, and the City and County of Broomfield.) DRCOG works with the Colorado Department of Transportation, the Regional Transportation District and others to prepare transportation plans and programs. DRCOG also serves as the Transportation Planning Region in developing plans for the Mountains (Clear Creek and Gilpin counties) and Plains Areas. In addition, DRCOG provides services such as traffic signal coordination, travel forecasting, carpool and vanpool matching, teleworking assistance, and alternative transportation promotion. The MPO has the following responsibilities, among others:

- Programming of federal and state transportation funds for the region.
- Development of a fiscally constrained 20-year Regional Transportation Plan that addresses all transportation modes (road, transit, bike and pedestrian facilities, air, and rail).
- Development of a short-term (six-year) Transportation Improvement Program (TIP) that moves projects into funding. This plan is incorporated into the State Transportation Improvement Program, called a STIP.
- Congestion Management System to address traffic congestion.
- Conformity determinations.

2. MPO Population and Description

The Denver-Boulder Region, which includes Adams, Arapahoe, Boulder, Broomfield, Denver, Douglas and Jefferson counties has a current population of about 2.7 million, anticipated to increase 56 percent to approximately 4.2 million by 2035. By 2030, the number of employees in the DRCOG area is expected to increase by 60 percent from 1.6 million to 2.5 million.

3. Key Regional Trends and Issues

Transportation - People living in, working in, and visiting the region in 2030 will make over 16 million total trips (12 million vehicle trips) and drive more than 100 million miles each and every weekday. Population and employment growth outside the current DRCOG planning area in Elbert County, El Paso County, Larimer County, and Weld County will also affect the Denver region. Congestion on major interregional highways such as I-25, US-85, and US-287 will be impacted by the increase in commuter and visitor trips to and from the region. Vehicle miles traveled (VMT) increased 4.7 percent annually between 1990 and 2000, a greater rate of increase than the preceding two decades, and greater than the rate of increase in population or employment. The VMT in the Denver region is expected to steadily increase through 2030.

Environmental - Emissions from automobiles are a major contributor of air pollutants. The Denver area did not violate the federal standard for carbon monoxide, particulate matter (PM10 or PM2.5) or 1-hour ozone through 2006, the most recent year measured. The most recent violation was for 8-hour Ozone, in 2003. Even with continued technological improvements, expected VMT growth may jeopardize air quality. Water pollution is caused by many factors related to regional development, including the construction and operation of the transportation infrastructure. Growth in traffic can cause increased runoff of pollutants created by brakes and tires. And, as the physical transportation network expands, the amount of impervious surface increases, resulting in greater runoff.

North Front Range MPO (NFRMPO)

1. MPO Structure and Responsibility

North Front Range MPO was established in 1988 under a federal law that requires formation of urban transportation planning entities for urbanized populations of more than 50,000 people. In 1993, the governor designated North Front Range as the lead air quality planning organization for the region. The purpose of the MPO, therefore, is to improve air quality (specifically, to address carbon monoxide issues) and mobility among the northern Colorado communities. The MPO is governed by a Planning Council made up of elected officials from Weld and Larimer counties and the communities of Berthoud, Evans, Fort Collins, Garden City, Greeley, Johnstown, LaSalle, Loveland, Milliken, Timnath, and Windsor. It also receives technical advice from a Transportation Advisory Committee and a Transit Advisory Group. The MPO has the following responsibilities, among others:

- Programming of federal and state transportation funds for the region.
- Development of a fiscally constrained 20-year Regional Transportation Plan that addresses all transportation modes (road, transit, bike and pedestrian facilities, air, and rail).
- Development of a short-term (six-year) Transportation Improvement Program (TIP) that moves projects into funding. This plan is incorporated into the State Transportation Improvement Program, called a STIP.
- Development of a State Implementation Plan to improve air quality.
- Congestion Management System to address traffic congestion.
- Conformity determinations.

2. MPO Population and Description

The MPO modeling area (somewhat larger than the planning boundary) has a current population of about 440,000, anticipated to increase 66 percent to 730,000 by 2035. By 2035, the number of employees in the NFR area is expected to increase by 83 percent from 226,000 to 414,000. The population, over time, will have a larger percentage of residents over the age of 65.

	Households	Employment	People/Households	Population
2005	166,694	226,202	2.64	439,776
2015	206,843	291,955	2.59	535,296
2025	252,307	357,210	2.54	640,342
2035	289,324	413,784	2.52	729,890

3. Key Regional Trends and Issues

Travel patterns to work, school, shopping, and recreation are east and west across the MPO, rather than only south to Denver. The numbers of daily trips will more than double over the next 25 years, resulting in travel times increasing by 50 percent. Congestion is spreading throughout the region as the cities and towns converge to create a single large regional city. A growing issue is the impacts on vehicle traffic of freight train service in an increasing urban area.

In addition, Fort Collins and Greeley are in maintenance status for carbon monoxide. The emerging air quality issue is the inclusion of portions of Weld and Larimer counties in the ozone non attainment area. This area is currently under an Early Action Compact and is working at



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deferring the non attainment status. Emissions from the increasing number of oil and gas wells in Larimer and Weld counties contribute to the ozone problem.

Pueblo Area Council of Governments MPO (PACOG)

1. MPO Structure and Responsibility

The Pueblo area Transportation Planning Region (TPR) is comprised solely of Pueblo County with an inset area of the City of Pueblo and its suburbs as a federally-designated Metropolitan Planning Organization (MPO). Planning for both is done by the Pueblo Area Council of Governments (PACOG). The MPO was established by memorandum of agreement to include representatives from the county, the City of Pueblo, and several special districts (i.e. school, metro...) within the TPR. The PACOG MPO/TPR has the following responsibilities:

- Programming of federal and state transportation funds for the PACOG region.
- Development of a fiscally constrained minimum 20-year Transportation Plan that addresses all transportation modes (road, transit, bike and pedestrian facilities, air, and rail). This plan is incorporated in the long-range Statewide Plan.
- Development of a short-term (three-to-six-year) Transportation Improvement Program (TIP) that moves projects into funding. This plan is incorporated into the State Transportation Improvement Program (STIP).
- Providing input on transportation issues to the Statewide Transportation Advisory Commission (STAC).
- Providing on-going dialogue between the TPR, CDOT, and citizens of the planning region.
- Providing input and advice on the non-MPO component of the 2035 Statewide Transportation Plan.

1. MPO Population and Description

In 2000, the population of Pueblo County was 141,472 people, with over 70 percent of those living within the City of Pueblo. Growth in the region has fluctuated as a major shift in employment took place over the 1980s and early nineties. Since 1990, population in Pueblo County has steadily risen, growing 15 percent in the past decade, consistent with increases in population throughout the state of Colorado. By 2030, the County population is projected to increase to nearly 200,000 people with 62 percent living within the City. Trends show the median income for Pueblo is increasing, but wage levels remain low compared to other metropolitan areas. The average annual wage in Pueblo in 2001 was \$27,098 compared to the US average of \$37,897.

2. Key Regional Trends and Issues

Trends show potential environmental issues in several of the corridors within PACOG including:

- Hazardous waste, Environmental Justice issues, and water quality issues in several corridors throughout the region. There are also historic districts adjacent to I-25 between SH 45 and Purcell Blvd. (Exit 108), Prime farm/ranch land, wetlands, and short grass prairie exist between Purcell Blvd. and future S. Powers Blvd. in El Paso County.
- The US 50 corridor contains farm/ranch land, short grass prairie, attendant species, and prime irrigated farmland between Canon City and McCulloch Blvd. This corridor is also home to short grass prairie between McCulloch Blvd and I-25 and US 50B.

Grand Valley MPO (GVMPO)

1. MPO Structure and Responsibility

The Grand Valley area is comprised solely of Mesa County as the Transportation Planning Region (TPR) with an inset area of Grand Junction and its suburbs as a federally-designated Metropolitan Planning Area, for which planning is done by the Grand Valley Metropolitan Planning Organization (GV MPO). The MPO and its Regional Transportation Committee (RTC) was established by memorandum of agreement to include a representative from the county and each incorporated municipality within the TPR. Grand Valley MPO has the following responsibilities:

- Programming of federal and state transportation funds for the region.
- Development of a fiscally constrained 20-year Transportation Plan that addresses all transportation modes (road, transit, bike and pedestrian facilities, air, and rail).
- Development of a short-term (six-year) Transportation Improvement Program (TIP) that moves projects into funding. This plan is incorporated into the State Transportation Improvement Program (STIP).
- Providing input on transportation issues to the Statewide Transportation Advisory Commission (STAC).
- Providing on-going dialogue between the TPR, CDOT and citizens of the planning region.
- Adoption of a fiscally constrained 20-year Regional Transportation Plan that addresses all transportation modes (road, transit, bike and pedestrian facilities, air, and rail).
- Providing input and advice on the 2035 Statewide Transportation Plan.

2. MPO Population and Description

Grand Junction is the largest city in the county with a population of about 46,000. Other incorporated areas include about 9,900 residents. Unincorporated areas of the county are home to nearly 67,000 people. The county as a whole has grown significantly between 1990 and 2000, with a county wide total growth of 24.8 percent. The growth rate between 2000 and 2005 is estimated at 3 percent per year.

3. Key Regional Trends and Issues

- The entire county, including the urban area, outlying towns, and rural areas are experiencing dramatic growth due to economic development. Energy exploration is a major factor in this growth.
- The county has historically been a regional center for energy development. A wide variety of resources are available locally, including uranium, oil shale, coalbed methane gas, and coal. The area is struggling to find a balance between natural resource protection and natural resource production.
- Energy development impacts to the transportation system are universal across the regional highway system and the local system. The recently completed Whitewater Community Plan anticipates that Whitewater will have a population of 20,000 residents by 2030. Whitewater is located at and near the intersection of U.S. 50 and the south junction of S.H. 141

Eastern Transportation Planning Region

1. TPR Structure and Responsibility

Eastern TPR has representatives from the northeastern part of the state. The TPR is governed by a Regional Planning Council (RPC) which is made up of nine counties (Logan, Sedgwick, Phillips, Washington, Yuma, Elbert, Lincoln, Kit Carson, and Cheyenne) and 31 municipalities. The area contains two councils of government, East Central Council of Local Governments and the Northeast Colorado Association of Local Governments, that jointly run the TPR. The TPR is responsible for:

- Providing input on a sundry of transportation issues to the Statewide Transportation Advisory Commission (STAC).
- Providing for an on-going dialogue between the TPR, CDOT, and the citizens of the planning region.
- Adoption of a fiscally constrained 20-year Regional Transportation Plan that addresses all transportation modes (road, transit, bike and pedestrian facilities, air, and rail).
- Providing input and advice on the 2035 Statewide Transportation Plan.

2. TPR Population and Description

Eastern TPR has a population of about 80,000 people. Elbert and Logan counties had the largest populations (20,189 and 20,869 respectively) in 2000. By 2035, Elbert County is expected to have the fastest growth rate, followed by Logan County, while the population of the entire region will nearly double to 144,556. Elbert County also is expected to have the highest employment growth through 2035. In 2000, only 28 percent of the workers in Elbert County lived in the county. This trend of the county importing workers is expected to continue.

3. Key Regional Trends and Issues

The heaviest traveled corridors will continue to be I-70/SH 86, SH 71, US 34, and I-76. Western Elbert County will experience the highest percentage growth in population and, consequently, in traffic. In fact, traffic on SH 86 in western Elbert County is expected to more than double by 2035 to congestion levels. Truck traffic on the Ports to Plains corridor (US 40 and US 287) and along US 385 is projected to increase as trade increases due to the North American Free Trade Agreement and money is appropriated to make improvements to those roads that will help direct such truck traffic off the already heavily traveled corridor of I-25 to the west. In transit, the need for coordination of funding sources, more operational dollars, and qualified drivers will continue to be issues.

Finally, the Short Grass Prairie Initiative and potential Preble's Meadows Jumping Mouse Habitat are present environmental resource in the Eastern TPR.

Southeast Transportation Planning Region

1. TPR Structure and Responsibility

The Southeast region includes Baca, Bent, Crowley, Kiowa, Otero, and Prowers counties as well as the large cities of La Junta, Las Animas, and Lamer. Established to facilitate regional transportation planning, the RPC is comprised of elected officials from the six counties and 16 municipalities. The RPC is responsible for:

- Providing input on a sundry of transportation issues to the Statewide Transportation Advisory Commission (STAC).
- Providing for an on-going dialogue between the TPR, CDOT, and the citizens of the planning region.
- Adoption of a fiscally constrained 20-year Regional Transportation Plan that addresses all transportation modes (road, transit, bike and pedestrian facilities, air, and rail).
- Providing input and advice on the 2035 Statewide Transportation Plan.

2. TPR Population and Description

The Southeast region had a 2000 population of about 52,300, a population that is expected to increase to 59,302 in 2035.

In 2000, 85 percent of workers lived and worked in the same county, compared to 67 percent for the state as a whole. However, over 3,137 workers did travel to a different county for their job, presumably commuting on the region's highways.

3. Key Regional Trends and Issues

Truck traffic and its positive and negative impacts on the region is one of the most evident trends. The miles of highway being heavily used by trucks is projected to rise over 66 percent from 2005 to 2035. The large number of trucks on Main Street in Lamar impact the city's quality of life, safety, congestion and air quality; the planned Lamar Bypass should be implemented to address this situation.

Completion of improvements on the US 287 Ports to Plains Corridor are encouraged and welcomed. The route does provide a speedier connection to Denver and to points south – Texas and Mexico. However, the local and regional benefits are probably minimal, with the exception of services for pass through truck traffic.

The potential expansion of the US Army's Pinon Canyon Maneuver Site in southeastern Colorado is strongly opposed by many, if not most, residents. Any potential economic gains are believed to be outweighed by the loss of tax base from agricultural lands and a further erosion of the historic agricultural lifestyle.

The availability of municipal and agricultural water is a major regional issue with impacts not only in the environmental area, but to the ability of the region to develop economically. Large quantities of water have been sold to developing cities outside the region, which has dried up much of the historic agricultural economic base.

Also present within the Southeast TPR is the Short Grass Prairie Initiative.

San Luis Valley Transportation Planning Region

1. TPR Structure and Responsibility

San Luis Valley TPR has representatives from throughout the valley. The TPR is made up of seven counties (Alamosa, Rio Grande, Chaffee, Mineral, Conejos, Saguache, and Costilla), ten municipalities (Town of Poncha Springs, City of Alamosa, Town of San Luis, Town of Hopper, Town of Manassa, Town of Moffat, Town of Del Norte, Town of South Fork, Town of Crestone, Town of Salida). The San Luis Valley Development Resources Group staffs the TPR. The TPR is responsible for:

- Providing input on a sundry of transportation issues to the Statewide Transportation Advisory Commission (STAC).
- Providing for an on-going dialogue between the TPR, CDOT, and the citizens of the planning region.
- Adoption of a fiscally constrained 20-year Regional Transportation Plan that addresses all transportation modes (road, transit, bike and pedestrian facilities, air, and rail).
- Providing input and advice on the 2035 Statewide Transportation Plan.

2. TPR Population and Description

San Luis Valley TPR has a population of about 48,500 people. Alamosa and Rio Grande counties had the largest populations (approximately 16,000 and 13,000 respectively) in 2005. By 2035, Chaffee County is expected to have the fastest growth rate, followed by Alamosa County, while the population of the entire region will grow by more than 40 percent to 93,000. Mineral County is also expected to have the highest employment growth through 2035, 152 percent (from 700 to 1,700). In terms of volume Chaffee will see growth of nearly 7,000 jobs.

3. Key Regional Trends and Issues

Highway and Transit - As indicated in the 2035 forecasts for the region, the traffic congestion level will continue to increase over the next 28 years. The corridors of major interest are US 24, US 50, US 160, and US 285. The transportation system will experience increasing deficiencies over the 28 to 30 years due to increased usage of the transportation system. This increase in vehicle and truck traffic will cause increases in the number of lane miles of surface deficiencies.

The level of demand for intermodal transportation will continue to increase over the next 28 years. However, a greater demand will be placed on the existing level of service as the population and commuting distances continue to increase. Based on the demand model, the public transportation providers will only carry about 10 percent of the possible demand.

The SLV TPR has a substantial amount of land dedicated to farming. Major crops in the SLV TPR include potatoes, wheat and alfalfa. The transport of crops has contributed to a seasonal increase in heavy truck traffic.

Tourism industry - The tourism industry has continued to grow in the region not only due to the winter ski season, but also due to the increase in summer activities, such as biking, hiking, and rafting. The service jobs that support tourism traditionally pay less than other employment sectors, many of the tourism industry workers cannot afford the housing costs located near their places of work. Various issues have therefore developed including a lack of affordable

housing, lack of affordable transportation, an increase in traffic congestion, and an increase in vehicle emissions (air pollution).

Environment - The environment will be impacted by the increase in population, congestion, and pollution. The region is environmentally sensitive, and any increase in human activity will have a negative effect on the existing conditions of water, soil, air, historical sites and wildlife within the region. At this time, the level of pollution in the water and air is within current acceptable standards. Environmental issues could become a greater concern if mitigation methods are not used during transportation infrastructure and service development.

Also present in the San Luis Valley TPR are the Southwest Willow Fly Catcher and Lynx potential habitat.

Gunnison Valley Transportation Planning Region

1. TPR Structure and Responsibility

The GVTPR consists of Delta, Gunnison, Hinsdale, Montrose, Ouray, and San Miguel Counties. The Gunnison Valley Regional Planning Commission (RPC) includes a representative from each county and each incorporated municipality within the GVTPR. The RPC is responsible for:

- Providing input on a sundry of transportation issues to the Statewide Transportation Advisory Commission (STAC).
- Providing for an on-going dialogue between the TPR, CDOT, and the citizens of the planning region.
- Adoption of a fiscally constrained 20-year Regional Transportation Plan that addresses all transportation modes (road, transit, bike and pedestrian facilities, air, and rail).
- Providing input and advice on the 2035 Statewide Transportation Plan.

2. TPR Population and Description

Population in the GVTPR is anticipated to grow from 94,823 in 2005 to 180,596 in 2035 reflecting a 90 percent growth rate. Over the same period, statewide population is expected to grow by 65.1 percent. The fastest growing counties in descending order are Delta (102 percent), Montrose (99 percent), San Miguel (96 percent), Hinsdale (68 percent), Ouray (65 percent), and Gunnison (49 percent).

3. Key Regional Trends and Issues

Transportation - Congestion level will continue to increase over the next 28 years. The transportation system will experience increasing deficiencies over the planning period due to the increases in population, tourism and natural resource exploration. This growth in vehicle and truck traffic will also cause increases in the number of lane miles of surface deficiencies. Greater demand will be placed on the existing level of service as the population and commuting distances continue to increase.

Natural Resources - Uranium and other mineral exploration and energy development have increased in the GVTPR. The anticipated increase in natural resource extraction may cause an increase in heavy truck traffic and the local population.

Tourism Industry - Tourism continues to grow in the region not only due to the winter ski season, but also due to the increase in summer activities, such as biking, hiking, rafting, camping, mountain climbing, and extreme sports. This increase in tourism has created a greater need for service employment throughout the region. Since service jobs traditionally pay less than other employment sectors, many of the tourism industry workers cannot afford the housing costs located near their places of work.

Real Estate - Increasing population is creating greater demand for housing and second homes in the region, and a corresponding increase in housing costs. This has caused the low-income population to be pushed out of the region or further away from employment areas, forcing them to travel greater distances to their places of employment. Various issues have therefore developed, including lack of affordable housing, lack of affordable transportation, increased traffic congestion, and increased vehicle emissions.

Environmental – This region is environmentally sensitive, and impacts from the issues described above, plus any further increase in human activity will have a negative effect on the existing conditions of water, soil, air, historical sites, and wildlife within the region. Impacts will be more severe if mitigation methods are not used during transportation infrastructure and service development.

Finally, environmental issues and resources present within the Gunnison Valley TPR include, Gunnison Sage Grass, wildlife crossings, Lynx potential habitat, and PM₁₀ designation for the Town of Telluride.

Southwest Transportation Planning Region

1. TPR Structure and Responsibility

Southwest TPR has representatives from the southwestern corner of the state. The TPR is made up of five counties (Montezuma, Dolores, Archuleta, La Plata, and San Juan), eight municipalities (City of Cortez, City of Durango, Town of Ignacio, Town of Mancos, Town of Pagosa Springs, Town of Bayfield, Town of Dolores, and Town of Dove Creek) and two American Indian Tribes (Southern Ute and Ute Mountain Ute). The Region 9 Economic Development Office staffs the TPR. The TPR is responsible for:

- Providing input on a sundry of transportation issues to the Statewide Transportation Advisory Commission (STAC).
- Providing for an on-going dialogue between the TPR, CDOT, and the citizens of the planning region.
- Adoption of a fiscally constrained 20-year Regional Transportation Plan that addresses all transportation modes (road, transit, bike and pedestrian facilities, air, and rail).
- Providing input and advice on the 2035 Statewide Transportation Plan.

2. TPR Population and Description

Southwest TPR has a population of about 87,000 people. La Plata and Montezuma counties had the largest populations (approximate 48,000 and 25,000 respectively) in 2005. By 2035, Archuleta County is expected to have the fastest growth rate, followed by La Plata County, while the population of the entire region will nearly double to 163,000. Archuleta County is also expected to have the highest employment growth through 2035. In 2000, 90 percent of the workers in Archuleta County lived in the county. This trend of the county is expected to continue.

3. Key Regional Trends and Issues

Highway - To address the congestion that is anticipated improvements are needed on US 160, especially from Durango to Bayfield and west of Pagosa Springs. On other segments of the highway, minor improvements like auxiliary lanes, shoulders and intersections should be considered to improve traffic flow and safety. US 160 is Main Street in Pagosa Springs with the accompanying heavy volume of large trucks, noise, vibration, and pedestrian conflicts. Heavy truck traffic presents a problem throughout the region, especially with impacts to roadway surfaces.

Transit - The performance of local public transportation receives high marks where it is operational, while regional and interregional transit is lacking, especially in the Cortez to Pagosa Springs corridor. Development of modal options is seen as a contribution to funding and roadway limits. Southwestern Colorado is in a position to advance transit/public transportation options to help reduce congestion.

Economy - The rapid regional population increases over the last several years, plus projected increases, nearly doubling in size from 2000 – 2035, present difficult challenges for the transportation system. In part, residents, and visitors, are traveling longer and longer distances for work and recreation. The growth of the 2nd home market has contributed to a great degree to the lack of affordable housing – 60 percent of homes in Archuleta County are second homes and the median home price was up 22 percent in 2005 in La Plata County – further extending drive times as workers live further from employment centers.

The expansion of Coal Bed Methane production throughout large areas is creating severe impacts to the transportation system in terms of congestion, deteriorating road surfaces, bridges, and safety both on- and off-system.

Environment- Vehicle wildlife crashes present one of the most dangerous challenges to drivers and are of significant concern throughout the region. In fact, the US 160 corridor has the largest number of animal collisions of any corridor in the state. Air quality in the confined cities of Pagosa Springs and Durango, while not critical at this time, remains a concern for the future. The growing numbers of vehicles with CO and especially PM₁₀ emissions puts the area at risk for air quality problems. Noise impacts in traffic laden downtown corridors and residential areas also is a concern for this environmentally conscious region. Finally, residents are beginning to question the role of the transportation system in global warming scenarios.

Additionally, environmental issues and resources present within the Southwest TPR include Lynx potential habitat and the Southwest Willow Fly Catcher.

Intermountain Transportation Planning Region

1. TPR Structure and Responsibility

The RPC for Intermountain is composed of elected representatives from five counties—Eagle, Garfield, Lake, Pitkin, and Summit—and 22 communities. The RPC has the following responsibilities:

- Providing input on a sundry of transportation issues to the Statewide Transportation Advisory Commission (STAC).
- Providing for an on-going dialogue between the TPR, CDOT, and the citizens of the planning region.
- Adoption of a fiscally constrained 20-year Regional Transportation Plan that addresses all transportation modes (road, transit, bike and pedestrian facilities, air, and rail).
- Providing input and advice on the 2035 Statewide Transportation Plan.

2. TPR Population and Description

The population within the TPR increased from 79,243 in 1990 to 131,682 in 2000, a growth of 66 percent. By 2035, the population is expected to reach 348,123, an increase of 164 percent from 2000.

The area contains several major ski resorts. Arapahoe Basin, Keystone, Breckenridge, and Copper Mountain are in Summit County and Vail and Beaver Creek are in Eagle County, while Pitkin County has Aspen and Snowmass. Smaller ski areas include Ski Cooper in Lake County and Sunlight Resort in Garfield County. Those who work in resorts often commute long distances to work because they cannot afford to live where they work. About 73 percent of the workers living within Intermountain drove alone in 2000, with 13 percent carpooling, 1 percent taking a bus, 1 percent traveling by motorcycle, 4 percent bicycling, 5 percent working from home, and 1 percent using other means of transportation.

3. Key Regional Trends and Issues

Economic trends in the region revolve around natural resources, such as oil and gas drilling in the western part of the region; tourism based on skiing and outdoor summer recreation in the central and eastern portions of the region; and real estate, such as that sparked for the demand for vacation housing near the ski areas.

Oil and gas drilling has caused an increase in both heavy truck traffic and the local population. The increase in tourism has created a demand for service employment throughout the region, yet because such employment often has low wages, many of the tourism workers cannot afford to live where they work. The real estate demand combined with tourism has caused an increase in housing costs, pushing the low-income population further away from places of employment. All of these factors combined have led to a lack of affordable housing and transportation and an increase in congestion and vehicle pollution. The limited ability to widen the region's major corridors has created demand for an interest in high-capacity transit. The increase in population, congestion, and pollution will require mitigation methods during development of additional transportation options and services.

Environmental issues and resources present within the Intermountain TPR include a PM₁₀ designation for the Town of Aspen, wildlife crossings, Lynx potential habitat and Roaring Fork water quality issues.

Northwest Transportation Planning Region

1. TPR Structure and Responsibility

The Northwest Transportation Planning Region (TPR) is one of 15 TPRs comprising the entire State of Colorado. The Northwest TPR consists of Grand, Jackson, Moffat, Rio Blanco, and Routt Counties and is located in CDOT Region 3. The Northwest Regional Planning Commission (RPC) was established by memorandum of agreement to include a representative from each county and each incorporated municipality within the TPR. The RPC is responsible for:

- Providing input on a sundry of transportation issues to the Statewide Transportation Advisory Commission (STAC).
- Providing for an on-going dialogue between the TPR, CDOT, and the citizens of the planning region.
- Adoption of a fiscally constrained 20-year Regional Transportation Plan that addresses all transportation modes (road, transit, bike and pedestrian facilities, air, and rail).
- Providing input and advice on the 2035 Statewide Transportation Plan.

2. TPR Population and Description

Population in the region is anticipated to grow from 53,743 in 2000 to over 92,000 in 2030, with the percent change in any ten-year period ranging from a low 17.7 percent between 2020 and 2030, and a high of 30.5 percent between years 1990 and 2000. Routt County has the highest population and Jackson County has the lowest.

3. Key Regional Trends and Issues

Highway and Transit - Demand for intermodal transportation will continue to increase, as population and commuting distances continue to increase. The region's airports will also experience continued growth in the number of commercial passengers.

Growth in energy development has caused an increase in heavy truck traffic and population. Heavy truck traffic has increased due to the need to extract and haul dead lumber from forested areas due to recent beetle infestations that have occurred in the region.

Economy - The tourism industry has continued to grow in the region not only due to the winter ski season, but also due to the increase in summer activities, such as biking, hiking, rafting, camping, mountain climbing, and extreme sports, creating a greater need for service employment and enhanced transportation system quality to accommodate tourists throughout the region. Since service jobs traditionally pay less than other employment sectors, many tourism industry workers cannot afford the housing costs located near their places of work.

Growing population is creating greater demand for housing (including second homes), and a corresponding increase in housing costs, pushing low-income persons further away from employment areas, thereby forcing them to travel greater distances to work, resulting in a lack of affordable housing, alternative transportation, increased traffic congestion, and increased vehicle emissions.

Environment - The environment will be impacted by the increase in population, congestion, and pollution. This could become a greater concern if mitigation methods are not used during transportation infrastructure and service development. Environmental issues and resources



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present within the Northwest TPR include Lynx potential habitat, wildlife crossings, and a PM10 designation for the City of Steamboat Springs.



Upper Front Range Transportation Planning Region

1. TPR Structure and Responsibility

The Upper Front Range region includes the predominately rural areas of Larimer and Weld counties and all of Morgan County; included in that area are numerous municipalities. Established to facilitate regional transportation planning, the RPC is comprised of elected officials from the three counties and 28 municipalities. The RPC is responsible for:

- Providing input on a sundry of transportation issues to the Statewide Transportation Advisory Commission (STAC).
- Providing for an on-going dialogue between the TPR, CDOT, and the citizens of the planning region.
- Adoption of a fiscally constrained 20-year Regional Transportation Plan that addresses all transportation modes (road, transit, bike and pedestrian facilities, air, and rail).
- Providing input and advice on the 2035 Statewide Transportation Plan.

2. TPR Population and Description

The Upper Front Range region had a 2000 population of about 114,600, a population that is expected to more than double by 2035 to 344,200.

About 78 percent percent of the working-age residents of the three counties work in the counties where they live. Driving alone is the preferred mode of transportation to work for 77.8 percent of the workers. (The figures here include the entire populations of all three counties, including those who live within the boundaries of the neighboring North Front Range Metropolitan Planning Organization.)

3. Key Regional Trends and Issues

The highest traffic growth is projected to occur in the I-25, I-76, and US 85 corridors and in southwest Weld County. By 2035, traffic volumes on I-25 through the southern section of the region are expected to increase 65 percent. Significant traffic volumes are also projected on US 34 in Weld and Larimer counties, US 36 in Larimer County, SH 66, US 287, and SH 52. US 34 from Greeley east to the Fort Morgan area is expected to have the largest increase in commercial truck traffic.

Finally, environmental resources and issues present in the Upper Front Range TPR include air quality (Ozone) issues, Short Grass Prairie Initiative, and possible Preble's Meadows Jumping Mouse habitat.

Central Front Range Transportation Planning Region

1. TPR Structure and Responsibility

The Central Front Range TPR consists of Custer, Park, and Fremont Counties, as well as the rural parts of Teller and El Paso Counties. The parts of Teller and El Paso Counties that include the City of Woodland Park and the Colorado Springs metropolitan area form the Pikes Peak Metropolitan Planning Area, a separate planning region. The TPR is responsible for:

- Providing input on a sundry of transportation issues to the Statewide Transportation Advisory Commission (STAC).
- Providing for an on-going dialogue between the TPR, CDOT, and the citizens of the planning region.
- Adoption of a fiscally constrained 20-year Regional Transportation Plan that addresses all transportation modes (road, transit, bike and pedestrian facilities, air, and rail).
- Providing input and advice on the 2035 Statewide Transportation Plan.

2. TPR Population and Description

Population in the region is anticipated to grow about 89,000 in 2000 to over 233,000 in 2035 reflecting 161.8 percent total growth. The fastest growing counties in descending order are Park (603.4 percent), Custer (154.5 percent), El Paso (79.5 percent), Teller (79.2 percent), and Fremont (65.7 percent).

Only the rural parts of El Paso and Teller Counties are located within the Central Front Range TPR. All figures have been adjusted to reflect the population split with the Pikes Peak Area MPO.

3. Key Regional Trends and Issues

System Quality - Significant traffic volume growth throughout the region has accelerated wear and tear on facilities.

Growth Trends - The TPR continues to grow a rapid rate with the region as a whole seeing an average annual growth rate of 2.8 percent; however, Park County is anticipated to grow 5.7 percent annually contributing to the already heavy stream of commuters on US 285 working in the Denver urban area.

Transportation Trends - Congestion – Current Volume to Capacity Ratios indicate little congestion beyond the 0.85 threshold. However, significant congestion is projected by 2035 creeping out from the urban areas, particularly along US 285 in Park County, the US 24 corridor west of Colorado Springs and the US 50 / SH 115 corridors around Canon City.

Trucking – The US 24 corridor east of Colorado Springs, along with the US 50 and SH 115 corridors will continue to see significant growth as the region's population and commercial development expand.

Safety – High crash rates on SH 67 route between Divide and Cripple Creek and US 50 west of Canon City through Bighorn Canyon. Both highways tend to be shaded throughout much of their winding course, leading to a high crash potential resulting from ice buildup and limited site distance on corners.

Public Transportation - Gaps in public transportation leave many people underserved – especially the elderly, physically challenged, or low income persons with limited access to private vehicles.

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Finally, environmental resources and issues present in the Central Front Range TPR include Lynx and Preble's Meadow Jumping Mouse potential habitat, wildlife crossings, Short Grass Prairie Initiative and a PM₁₀ designation for the City of Canon City.

South Central Transportation Planning Region

1. TPR Structure and Responsibility

South Central TPR has representatives from Las Animas and Huerfano Counties as well as the cities of Trinidad and Walsenburg and the South Central Council of Governments. The TPR is responsible for:

- Providing input on a sundry of transportation issues to the Statewide Transportation Advisory Commission (STAC).
- Providing for an on-going dialogue between the TPR, CDOT, and the citizens of the planning region.
- Adoption of a fiscally constrained 20-year Regional Transportation Plan that addresses all transportation modes (road, transit, bike and pedestrian facilities, air, and rail).
- Providing input and advice on the 2035 Statewide Transportation Plan.

2. TPR Population and Description

South Central TPR has a population of about 24,700 people. Las Animas and Huerfano counties have populations of approximately 16,500 and 8,000 respectively in 2005. By 2035, both counties are expected to have grown by nearly two percent annual, with a total region population of nearly 40,000. Job growth in each county is anticipated to slightly outpace population growth.

3. Key Regional Trends and Issues

Highway - The absence of adequate funding for roadway repairs and resurfacing continues to be a major issue for the region, as does the need for minor improvements like shoulder widening on rural sections of highways like US 160 and SH 350. While very little congestion exceeding the 0.85 percent traffic volume divided by roadway capacity (V/C) ratio is projected, regional Average Annual Daily Traffic (AADT) is expected to increase at a rate that will put 400 percent more state highway miles over the 10,000 vehicle per day mark. In addition, approximately 45 percent of the system is currently rated a Poor surface condition. The observed and projected growth in truck traffic is anticipated to have a continuing impact on the region's road surfaces.

Transit - Transit for senior and other human services works well for those served, but expansion of services is needed. Gaps in regional public transportation, especially in intercity bus options and in remote rural areas are evident. Only 4 percent of the regional transit trips are currently served. Carpooling is more popular in the region than the state as a whole, leaving open for development the concept of more organized TDM measures. The loss of air passenger service at the Trinidad airport is a concern. While Amtrak currently maintains a minimal station in Trinidad, upgrading the station platform would make the service more attractive.

Economy - Regional population is expected to grow steadily, but not explosively. Most of the growth will be centered in the Trinidad area. Much of the employment growth, projected to outpace basic population growth, is expected to center on the SH 12 corridor. Also, tourism has become more central to the local economy, based on the downtown Trinidad historic district. The regional poverty rate exceeds the statewide rate by about 40 percent, indicating a higher demand level for public transportation services. The new prison at Beshoar Junction is generally seen as good for the local economy and does not present an overwhelming traffic problem. There is, however, strong opposition to the Army's proposed Pinon Canyon Maneuver Site

expansion in Las Animas County. Economic growth from the expansion is not really anticipated since the previous expansion failed to deliver the promised economic benefits.

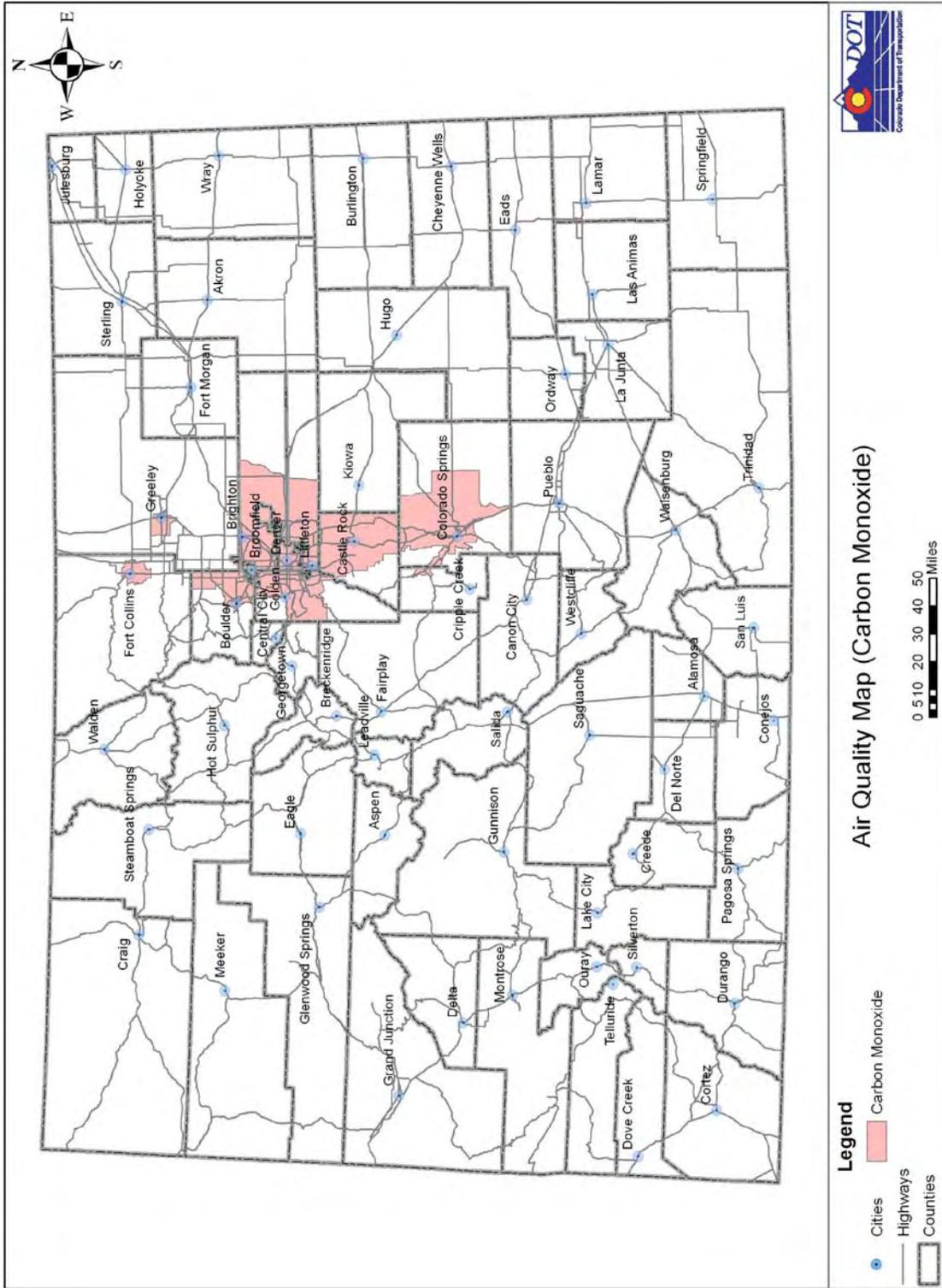
Environment- The principal environmental issues for the region revolve around the SH 12 corridor, with its Coal Bed Methane gas production, dust, noise, air quality concerns, and secondly, potential environmental impacts from habitat and agricultural losses associated with the potential Pinon Canyon expansion.

Finally, environmental resources and issues present in the South Central TPR include Lynx potential habitat and the Short Grass Prairie Initiative.

Environmental Data Maps

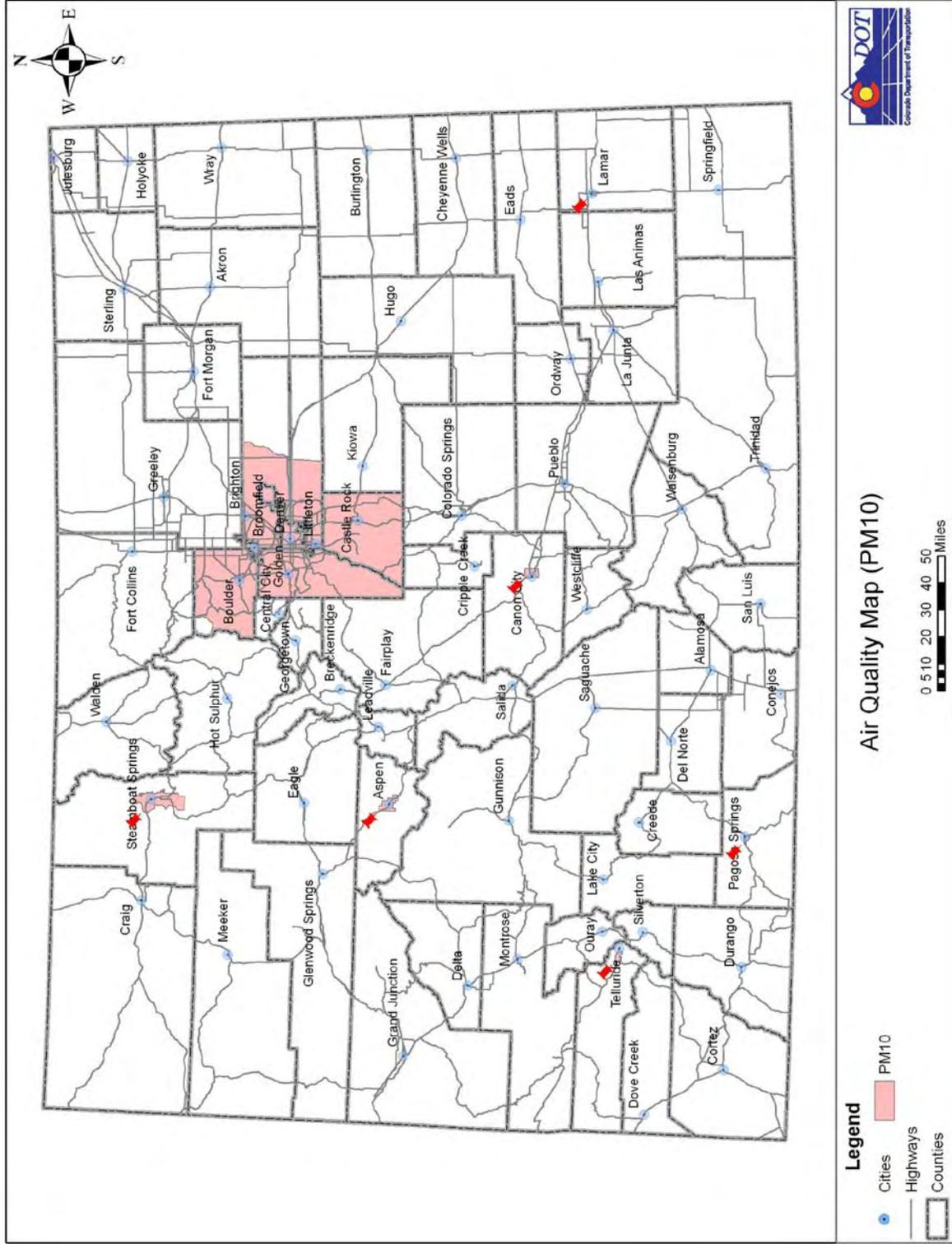
The following maps give an overview of several statewide and regional environmental resources. These maps include:

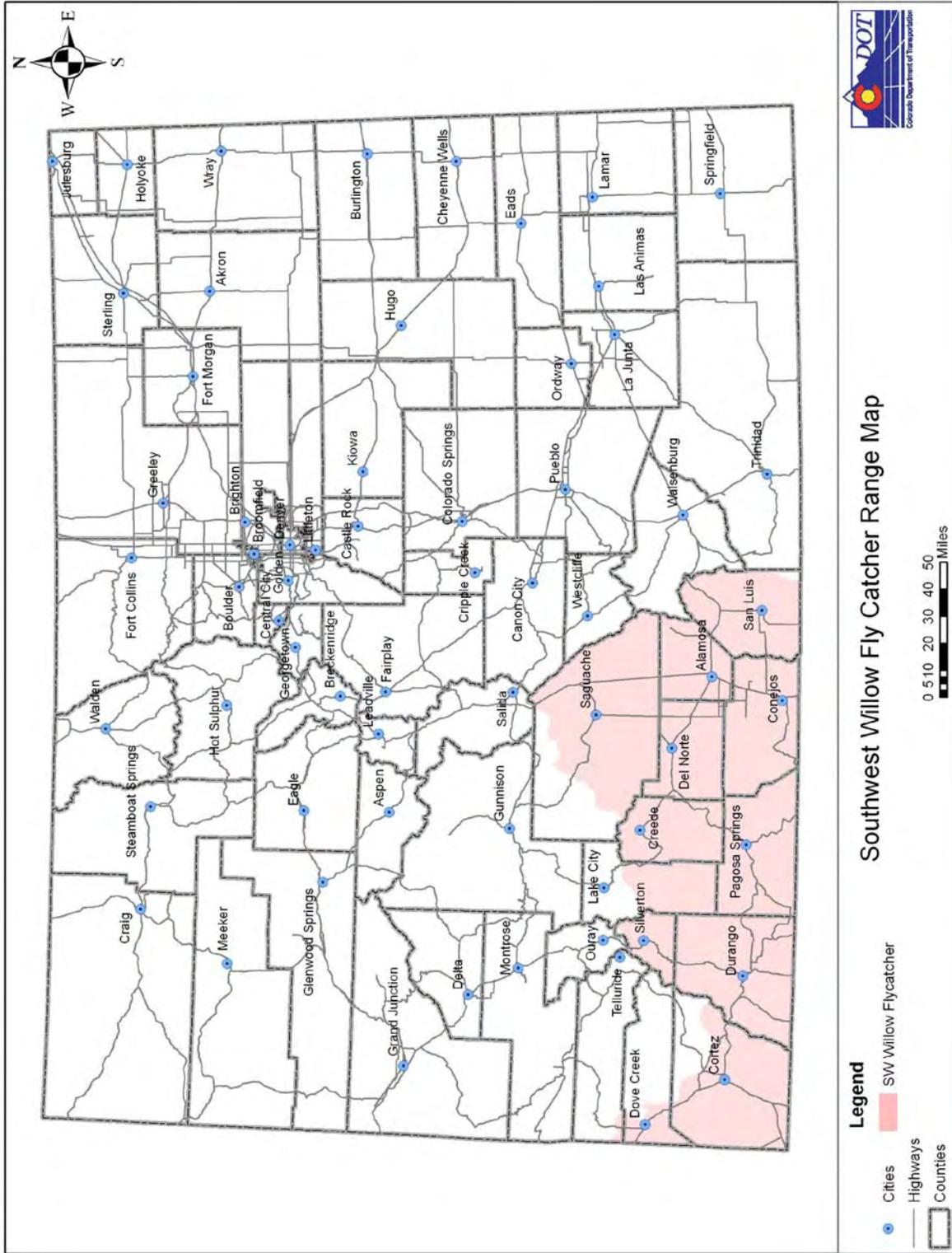
1. Air Quality - Carbon Monoxide
2. Air Quality - PM₁₀
3. Air Quality - Ozone (8-hour)
4. Southwest Willow Fly Catcher
5. Lynx Potential Habitat
6. National Historic Landmarks
7. Preble's Meadows Jumping Mouse
8. Short Grass Initiative Project Area



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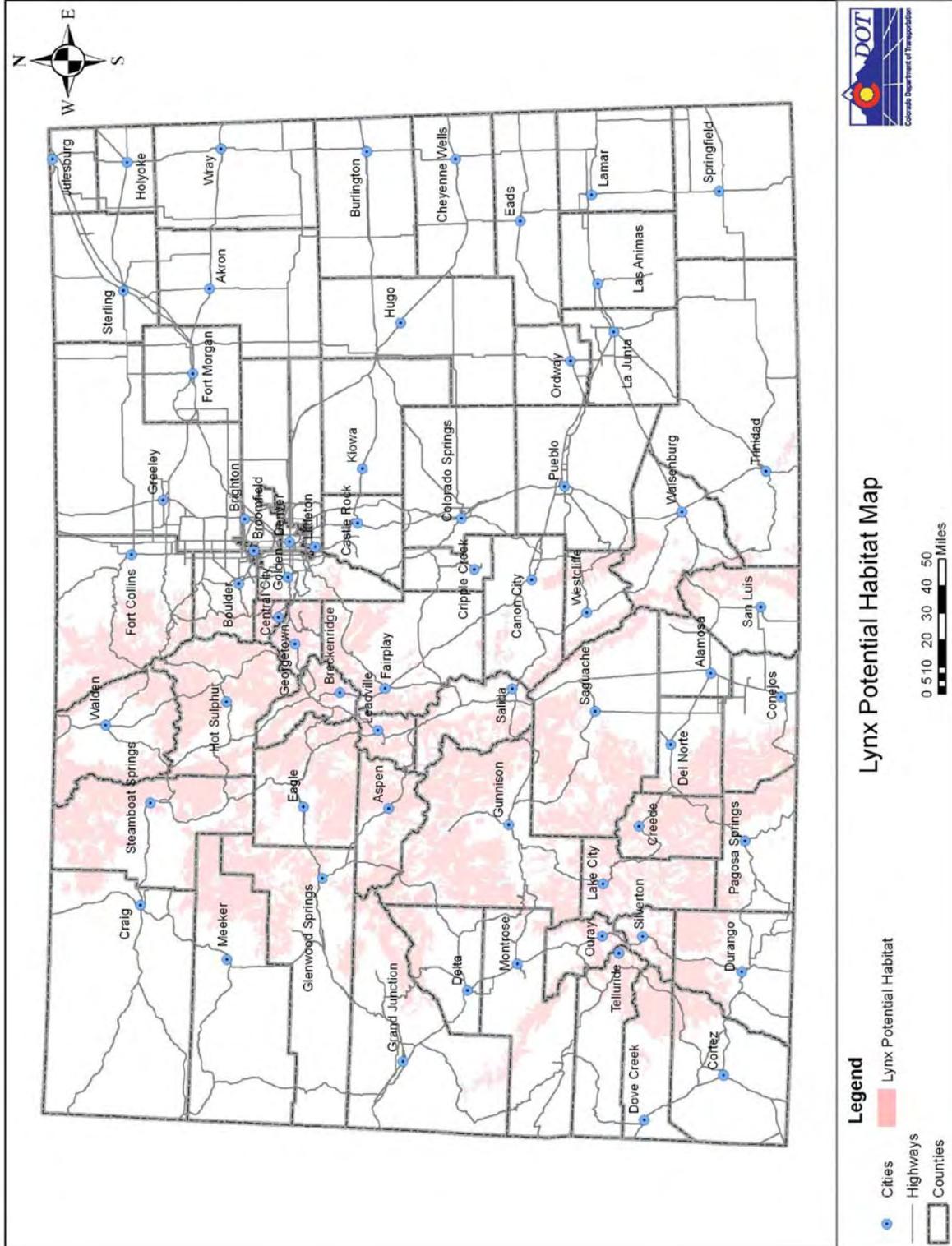
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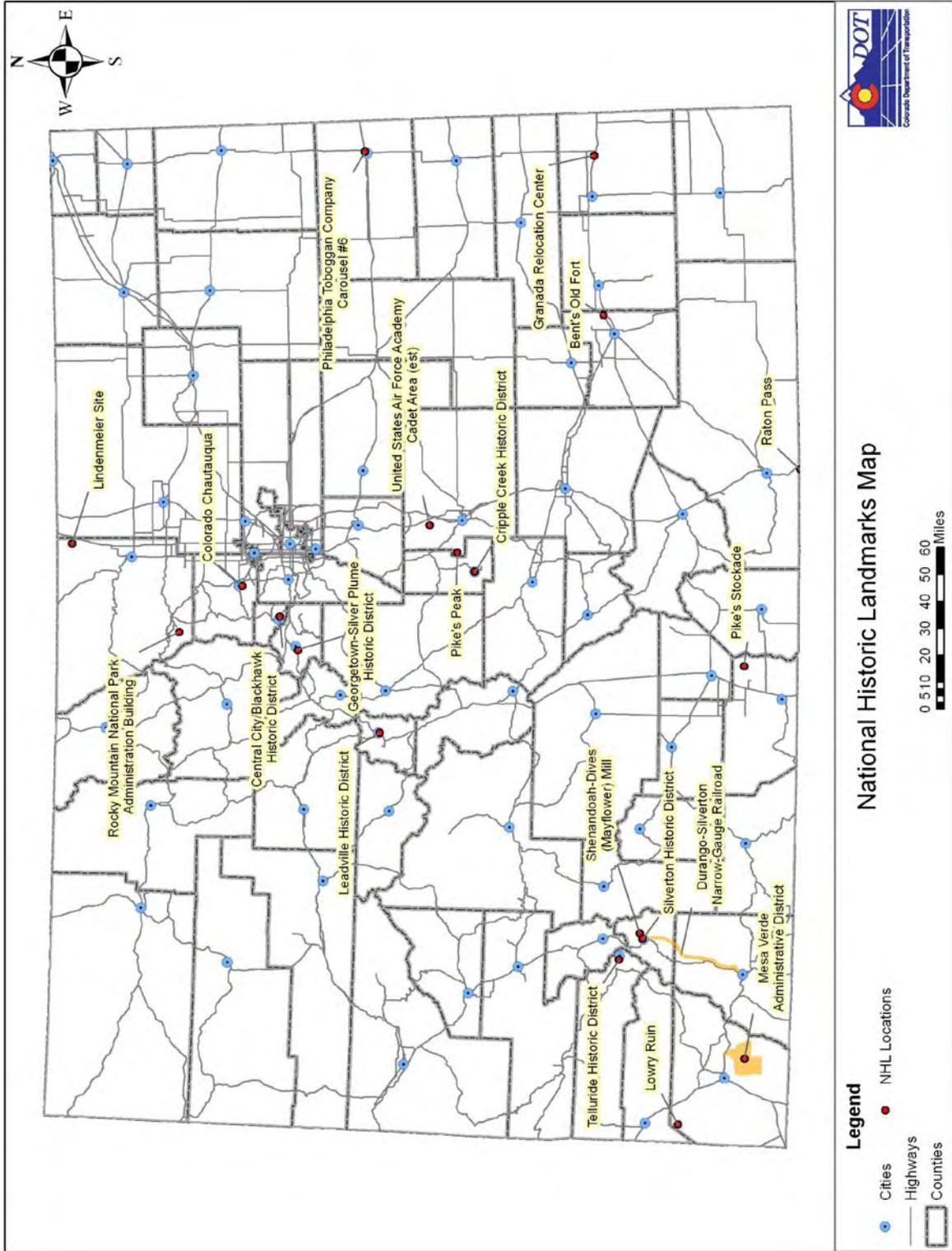




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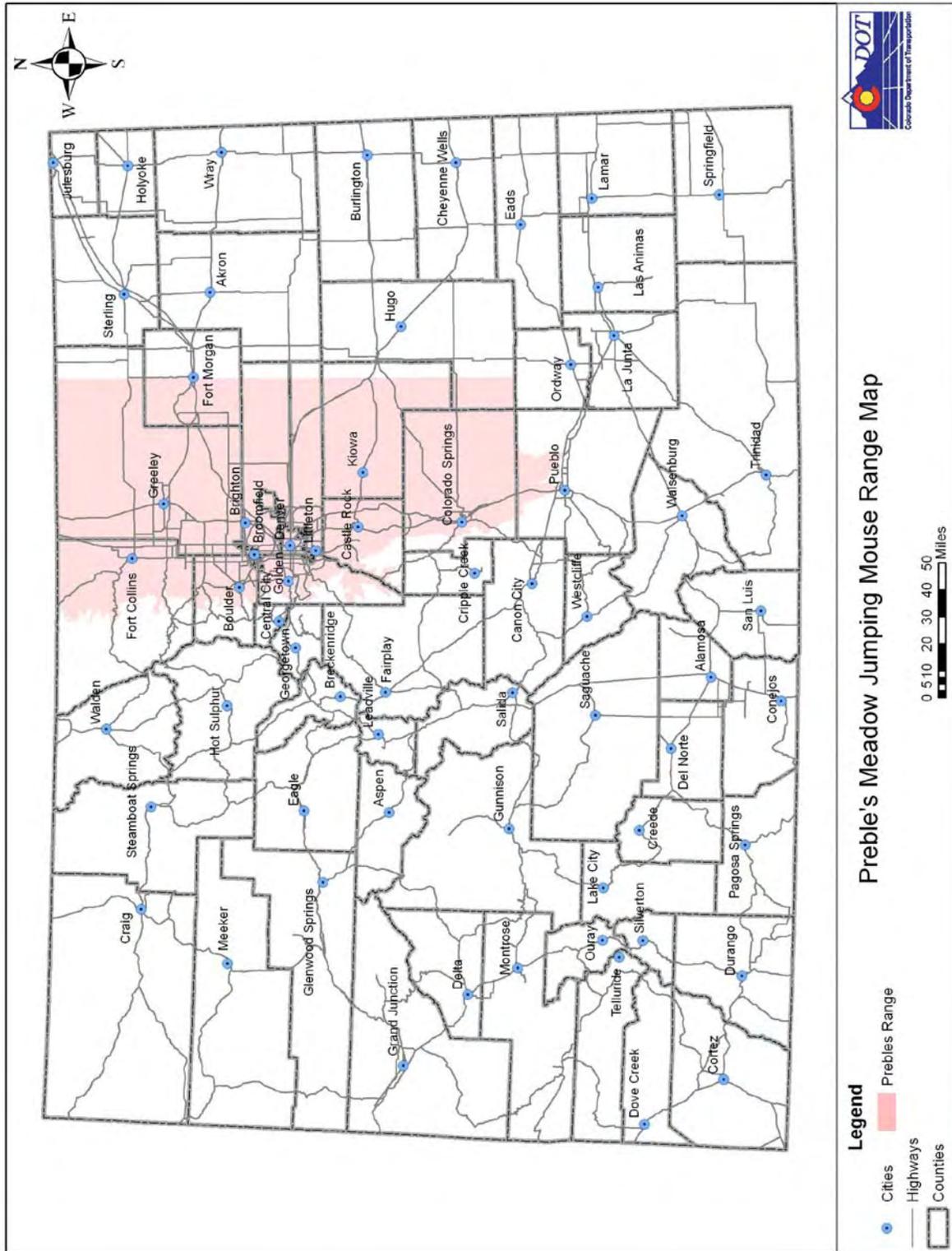
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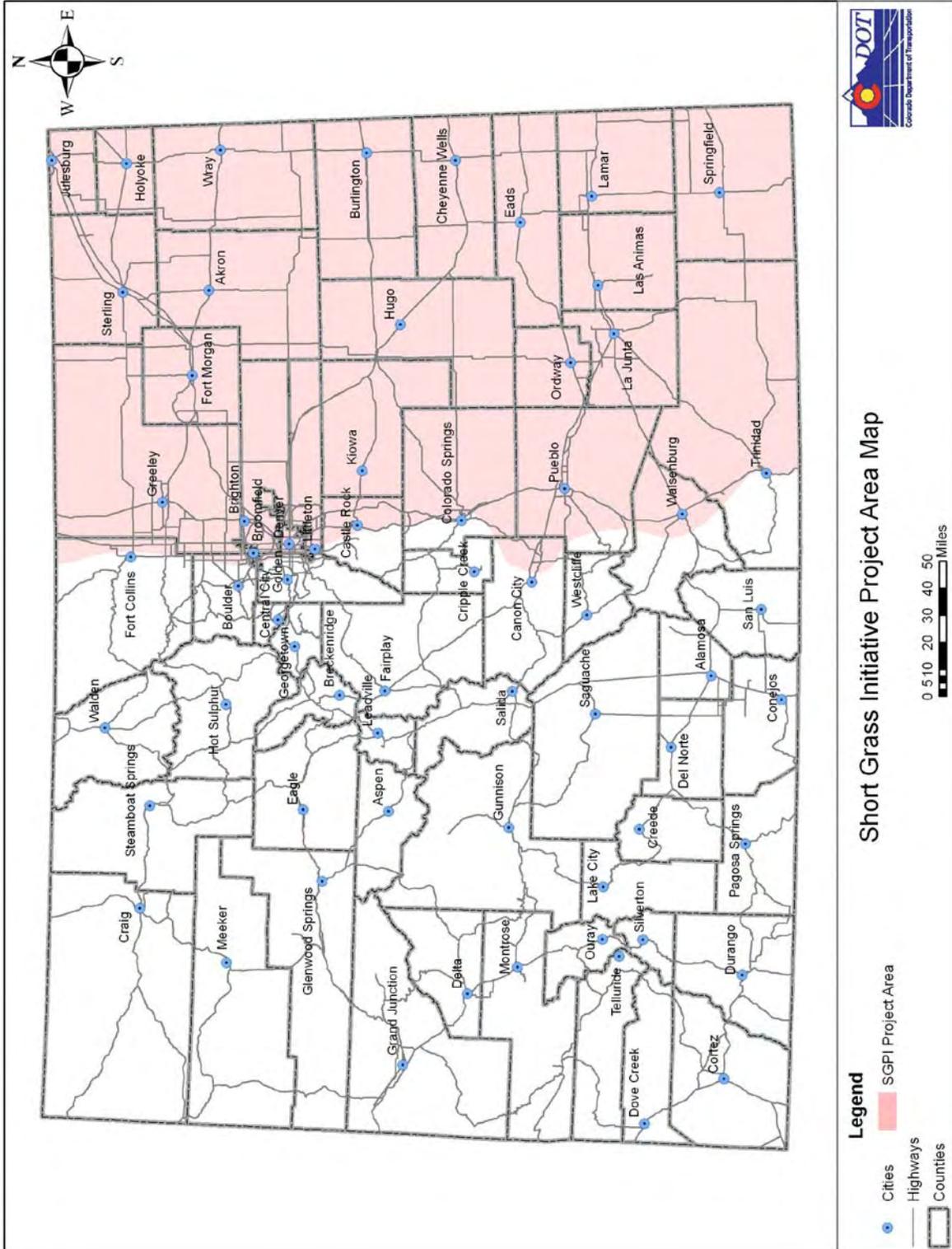
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Environmental Forum Summary

The Environmental World Café captured concepts and issues critical for environmental and transportation integration. Through the use of maps and focused conversations resource and regulatory agency staff along with TPR/MPO Representatives identified key issues and obtained an understanding of regional resources. To that end, the following summarizes the discussions from the March 9th forum, and includes the following sections:

- Information, issues, and concerns for each TPR and MPO
- MPO and TPR table maps with identified environmental issues
- Summary of forum evaluation forms
- Acronym List

Statewide Environmental Forum March 9, 2007 Pikes Peak MPO (PPACG)	
Resource/Regulatory Agency	Information/Issues/Concerns
EPA	<ul style="list-style-type: none"> The regions ozone standard maybe exceeded in future. Follow-up: Ft. Carson asked if there was any money or Smart Growth assistance program available for their zero impact transportation plans.
CDOT (MS4) Discharge Permit Program	<ul style="list-style-type: none"> Follow-up: Pikes Peak will consider regional coordination with other MS4 permit holders.
CDPHE - Solid Waste	<ul style="list-style-type: none"> Follow-up: PPACG requested a shape file for leaking underground storage tanks. There is potential asbestos soil contamination in the region.
CDPHE - Water Quality	<ul style="list-style-type: none"> No significant issues discussed.
CDPHE - Air Quality	<ul style="list-style-type: none"> There is a potential Ozone issue for this area in future years.
DOW	<ul style="list-style-type: none"> DOW has a big interest in riparian zones and wetland conservation. The Arkansas Darter, Box Turtles and Prebles Meadow Jumping Mouse may be an issue in Fountain Creek. Follow-Up: The MPO can provide a copy of mapped wetlands.
SHPO	<ul style="list-style-type: none"> No significant issues discussed.
USACOE	<ul style="list-style-type: none"> USACOE's jurisdiction and responsibilities may be changing in the future due to legislation and court action. Follow-up: PPACG needs to know the USACOE new jurisdiction once decided.
CDOT Wildlife Program	<ul style="list-style-type: none"> PPACG transportation projects could get short grass prairie mitigation credit.
CDOT Environmental Programs Branch	<ul style="list-style-type: none"> CDOT will consider participating in a Ft. Carson Environmental Assessment (EA) pilot program to evaluate green house gasses.
CSP	<ul style="list-style-type: none"> A new state Park at Cheyenne Mountain is being developed. A ring trail around the Peak Trail is also being developed.
FHWA	<ul style="list-style-type: none"> FHWA will consider providing technical assistance to Ft. Carson on their plan.

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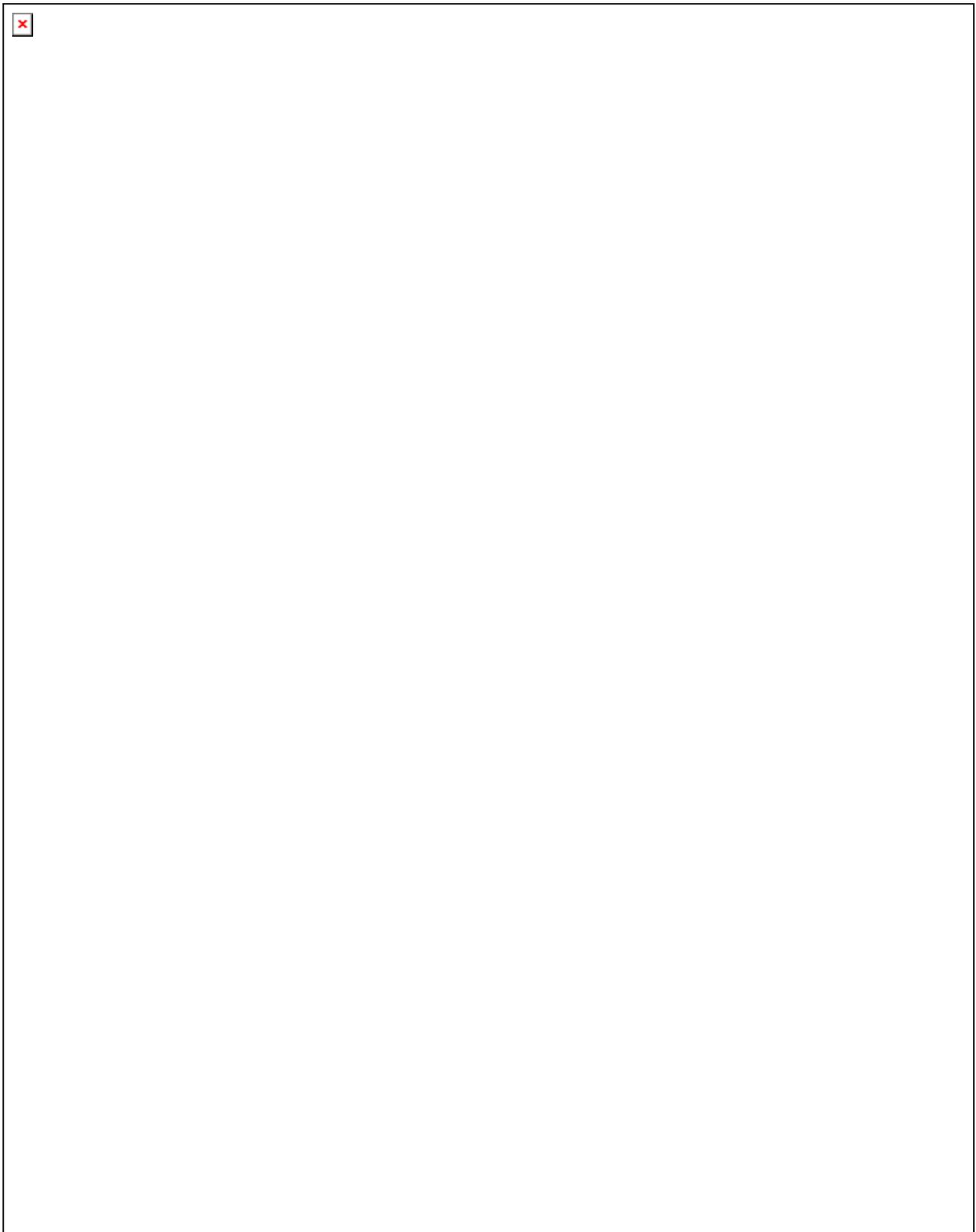
Statewide Environmental Forum March 9, 2007 Denver Regional Council of Governments (DRCOG)	
Resource/Regulatory Agency	Information/Issues/Concerns
CDPHE - Air Quality	<ul style="list-style-type: none"> • Potential to exceed the 8 hour ozone standard after the summer season due to more stringent standards expected from EPA this June. • DRCOG region is at 70 ppb, which is down from 80 ppb for ozone. • MM2.5 had a high level in February. • Potential for lowering the 8-hour ozone standard by EPA could violate the Early Action Compact. • If PM10 became a problem, CDPHE would consider NOx trading, or changing the PM10 budget. • Increasing congestion leads to increased PM10.
DOW	<ul style="list-style-type: none"> • Eastern Plain communities are concerned with keeping fish streams connected. • Eastern Plains areas have populations of important native fish. • Front Range riparian area is trying to keep Prebles Meadow Jumping Mouse habitat in tact. • Identification of wildlife movement corridor is helpful to determine wildlife crossing areas. • Some pockets of black-tail prairie dogs are present in the DRCOG region.
CDPHE - Solid Waste	<ul style="list-style-type: none"> • Sheridan Ridment (Sheridan Mixed Use Redevelopment) is pulling old fill out of the site and hauling it to Denver/Arapahoe disposal site at Yale & Gunbarrell Road. • Sheridan Ridment contractors are burying waste on site rather than hauling it off. • Redevelopment project waste can cause traffic problems with contractors illegally disposing of excess waste on site. • CDPHE needs to identify the different types materials pulled from landfills for disposal e.g. asbestos needs a different disposal process. • Contingency plans must be in place for cutting into old landfill and for stopping asbestos at old landfills.
CDPHE - Water Quality	<ul style="list-style-type: none"> • CDPHE is concerned about permanent water quality impacts and water quality feature that may have to be reconstructed. Ex. Water quality in Cherry Creek Reservoir where the typical design criteria is 100-years • In Cherry Creek Reservoir area, there are stricter incentives to control pollution created during construction—e.g. settling and dissolved systems.
CSP	<ul style="list-style-type: none"> • Front Range Trail from Wyoming to Denver area is largely complete with just a few missing links; Chatfield to Castle Rock, Castle Rock South to Colorado Springs and SH 93 • DRCOG Bike/Pedestrian plan update has identified key connections. • DRCOG encouraged state parks to submit projects for money in the July TIP process.

Statewide Environmental Forum March 9, 2007 Denver Regional Council of Governments (DRCOG)	
Resource/Regulatory Agency	Information/Issues/Concerns
	<ul style="list-style-type: none"> The Barr Lake state park wants to cross I-76 across US85 and include bike improvements as part of roadway widening project.
CFL	<ul style="list-style-type: none"> New grant programs (Alternative Transportation for Parks and Public Land -ATPPL) from Federal Transit Administration can help fund transit improvement in the Rocky Mountain Arsenal. Colorado Trout Unlimited restored Clear Creek at a cost of \$200,000. Trout Unlimited is spending \$200,000 on a study to increase habitat value in W. Denver, Bear Creek, Blue River, and Dillon.
FHWA	<ul style="list-style-type: none"> DRCOG is thinking about how to address energy conservation in their 2035 Plan update. RTD is also working on FasTracks to address goals for energy conservation.
SHPO	<ul style="list-style-type: none"> DRCOG should map individual properties not just historic districts. CDOT can help DRCOG staff with data to look at the date of conservation by projecting out for 2030 what properties would be potentially historic. Using parcel information DRCOG should look at date of construction to see what properties might be considered hot spots in 2030. Include corridor historic context as part of 2035 Plan. SHPO Suggests mapping individual properties, which are considered same as districts under Section 106. Often WWII houses are built near freeways; CDOT just completed a study on WWII neighborhoods. EIS for I-70 East examined the historical context for the Globeville neighborhood using parcel information.
USFWS	<ul style="list-style-type: none"> USFWS partnered with several agencies to map conservation areas. A green infrastructure workshop is being scheduled to help with the development of tools for land use planning and linking green infrastructure with industrialized areas.
CDOT (MS4) Discharge Permit Program	<ul style="list-style-type: none"> Both CDOT and Denver have municipal separate storm sewer system (MS4) permits. Storm water management plans need to be in place for all projects. Monthly meetings are held with urban drainage groups in DRCOG region.
USACOE	<ul style="list-style-type: none"> Early involvement of Sierra Club and other Non-Governmental Organizations (NGOs) would help during the project development phase. Fill in waterways of the U.S. is a primary concern. Certain projects (e.g. some culverts) are exempt from permit requirements. Sometimes contractors like to dispose of excess cut material and fill in a wetland.
CDOT Wildlife	<ul style="list-style-type: none"> All maintenance projects east of I-25 have already been mitigated.

Statewide Environmental Forum March 9, 2007 Denver Regional Council of Governments (DRCOG)	
Resource/Regulatory Agency	Information/Issues/Concerns
Program	<ul style="list-style-type: none">• Concerns are South Platte drainage issues and the removal of water will impact neighboring Nebraska.• Deer crossings are an issue south & west of Denver.
CDOT Environmental Programs Branch	<ul style="list-style-type: none">• CDOT wants public outreach on the new NEPA manual for all planning partners.
USFS	<ul style="list-style-type: none">• Oil & gas traffic impacts are present in Weld County.• Pine Beetle infestation has an impact on transportation due to increased logging traffic.
EPA	<ul style="list-style-type: none">• Air quality issues are a biggest concern in the Denver region.• More alternatives in NEPA document are needed.• EPA is concerned by pollution (PM10) at Union Station because of a massing of transportation all in one area.

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Statewide Environmental Forum March 9, 2007 North Front Range MPO (NFR)	
Resource/Regulatory Agency	Information/Issues/Concern
CDOT (MS4) Discharge Permit Program	<ul style="list-style-type: none"> • Discharge permitting issues are present in the I-25 EIS. • CDOT is working on ROW requirements for storm water runoff into streams. • Municipal separate storm sewer system (MS4) Permits are in place for municipal runoff for the cities of Ft. Collins, Loveland, Greeley and Berthoud. • There is a potential for the NFR to facilitate regional discussions on storm water issues.
SHPO	<ul style="list-style-type: none"> • As areas urbanize new emphasis is placed on historic irrigation facilities. • Some farm sites have historic significance. • NFR needs to look for money to do historical surveys. • NFR will consider structures more than 40 years old as the threshold for surveys. • NFR needs to look at historical railroads and a regional survey to set historical context.
USFWS	<ul style="list-style-type: none"> • Upcoming green infrastructure workshop will be hosted. • High priority areas for short grass habitats are contained in the CDOT 2035 planning environmental dataset.
USACOE	<ul style="list-style-type: none"> • No significant issues discussed.
CDOT Wildlife Program	<ul style="list-style-type: none"> • Some MPO regional lakes have eagles present. • Prebbles Meadows Jumping Mouse habitat is present within the region.
CDOT Environmental Programs Branch	<ul style="list-style-type: none"> • No significant issues discussed.

Statewide Environmental Forum March 9, 2007 Pueblo Area Council of Governments (MPO)	
Resource/Regulatory Agency	Information/Issues/Concerns
DOW	<ul style="list-style-type: none"> • Wildlife tends to congregate by the streams in Pueblo County. • The eastern parts of the Arkansas River and Chico basin have a small population of fish species. • Elk and Mule Deer migrate up SH 79 and Fountain Creek. • Often roadways create culverts that keep fish from swimming downstream.
SHPO	<ul style="list-style-type: none"> • Follow-up: SHPO can provide shape files of surveyed areas to the Pueblo MPO. • Open irrigation systems are present in this area. • Army will be surveying approx 14,000 acres in the Pueblo area. • Pueblo needs to do a regional context to get a better understanding of historic resources in the area.
USFWS	<ul style="list-style-type: none"> • Fountain Creek and Chico Basin are areas that have a potential for prebbles meadow jumping mouse. • Pueblo has high integrity areas of short grass prairie in Southern portion and most of the grasslands are intact. • Follow-up: USFWS has a DVD with data layers.
USACOE	<ul style="list-style-type: none"> • There is regional discharge from fill material in the MPO area. • USACOE regulates the Arkansas River and Fountain Creek, in Huerfano County which has relatively permanent waters • USACOE may lose jurisdiction on Chico and some waters located in the eastern part of county.
CDOT (MS4) Discharge Permit Program	<ul style="list-style-type: none"> • Storm water runs downstream from Colorado Springs out of Fountain. • There were approximately 30 studies that have been done in Fountain Creek.
CDOT Wildlife Program	<ul style="list-style-type: none"> • Local ranches are being bought (22,000 acres in eastern Pueblo; south of Kit Carson) near Red Top for wildlife areas. • CDOT tries to avoid Prairie Dogs if possible and also traps them and donates them to the black footed program. • The Spotted Owl has been found near Ft Carson and surrounding area. • Prebbles meadows jumping mouse is the prey for spotted owls.
CDOT Environmental Programs Branch	<ul style="list-style-type: none"> • There is a new Environmental Assessment (EA) from Pueblo to Pueblo West. • Three potential 1601 (interchange approval process) studies all on I-25 are proposed
CSP	<ul style="list-style-type: none"> • Proposed Colorado Front Range Trail will link Fountain to Pueblo. • Front Range Trail will go down Fountain Creek and connect to a trail in the City of Pueblo. • Additional ROW is necessary from CDOT to move the trail from the highway ROW.

Statewide Environmental Forum March 9, 2007 Pueblo Area Council of Governments (MPO)	
	<ul style="list-style-type: none"> • CSP is seeking outside funding (local, federal, other) for the project. • Eastern counties want recreation trails to link to the Santa Fe Trail following the ROW to Trinidad. • Bike trails are present along US 50.
CFL	<ul style="list-style-type: none"> • Projected growth is coming from the north due to the expanding military base north of the county line. • Resource Management Plan for regional forests may impact the SW portion of Pueblo.
FHWA	<ul style="list-style-type: none"> • FREX (regional commuter bus service from Pueblo to Denver) extension received approximately \$400,000 to \$800,000 per year. • FREX ridership from Pueblo to Fountain is minimal.
USFS	<ul style="list-style-type: none"> • San Isabel Service Plan shows motor/non-motorized access points. • Forest is divided into geographic areas based on emphasis areas.
CDPHE - Solid Waste	<ul style="list-style-type: none"> • MPO is interested in the Loveland self-sustaining waste recycling model. • MPO is also interested in the Alamosa power plan brownfield redevelopment. • <u>Contact:</u> http://www.coloradoswana.org/presentations/index.htm for more information on the Alamosa project.
CDPHE - Water Quality	<ul style="list-style-type: none"> • Pueblo area includes Fountain Creek which has an E. coli issue. • Sediment concerns are present in the Arkansas River.
CDPHE - Air Quality	<ul style="list-style-type: none"> • Air toxic monitoring is present in Pueblo at the Chemical Depot Area and Steel Mill. • If mitigation is needed, the Department of Health will deal directly with the plant or mill. • For dust complaints Pueblo can request PM10 monitoring. • Area between Fountain and the county line is becoming a huge energy hub. • Coal dust may become a problem in the future, but for now, breezes from the west blow the dust out.

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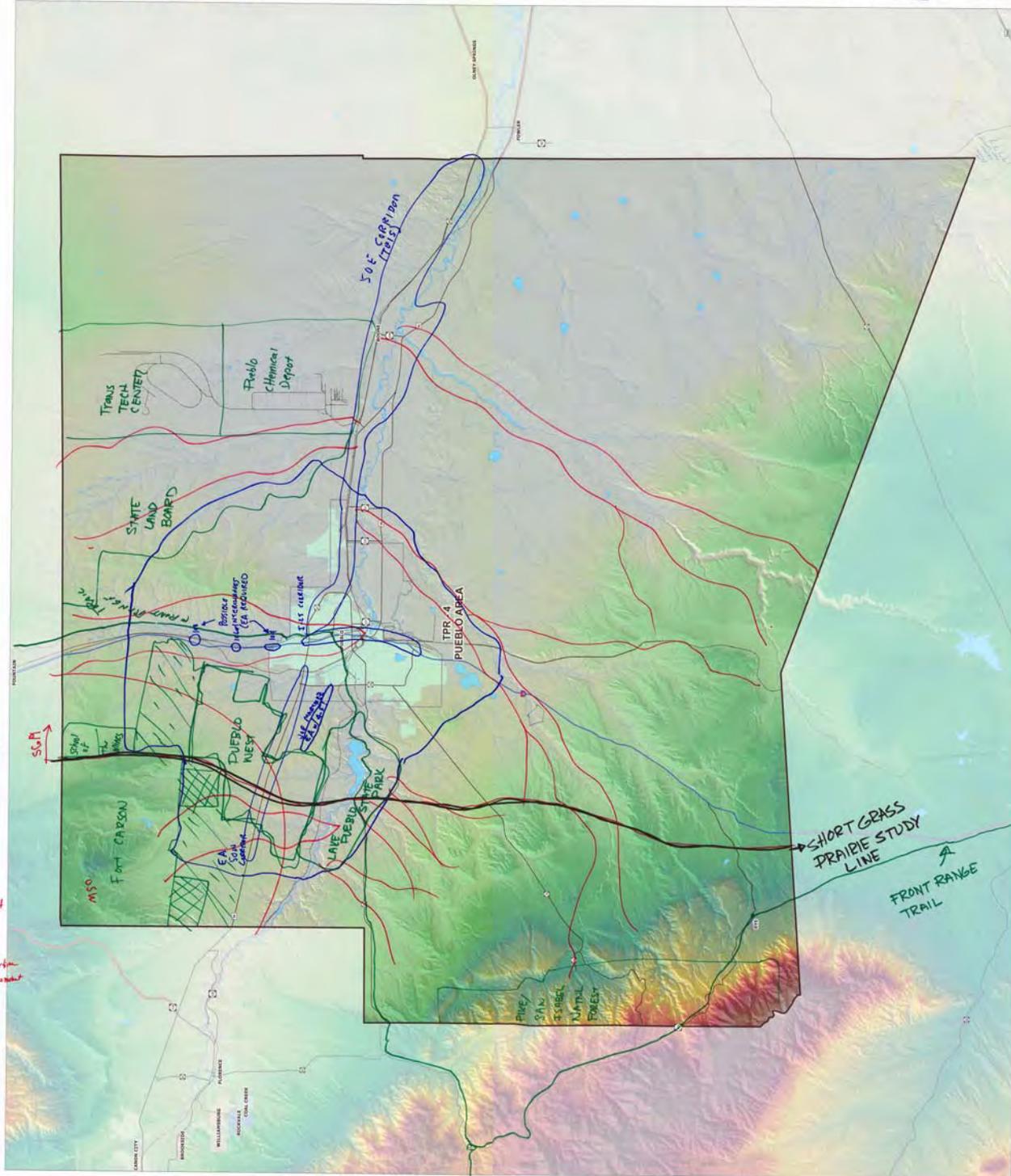


2035 Environmental Forum
March 2007

- Transportation Planning Region (TPR)
- 2035 Priority Corridor
- Interstate
- U.S. Highway
- State Highway
- Roadway
- Metropolitan Planning Organization (MPO)
- County
- City

Elevation
Value
High - 14,000 feet
Low - 3,200 feet

US Army Corps of Engineers
1947 Flood Air Photo (with banks)
(best scenario)



zone source
50/50

MSO

Front Range Trail
EAS centerline
Pueblo NEIGHBORHOOD
LAKE FRONT STATE PARK

SHORT GRASS PRAIRIE STUDY LINE
FRONT RANGE TRAIL

Statewide Environmental Forum March 9, 2007 Pikes Peak MPO (PPACG)	
Resource/Regulatory Agency	Information/Issues/Concerns
EPA	<ul style="list-style-type: none"> • The regions ozone standard maybe exceeded in future. • Follow-up: Ft. Carson asked if there was any money or Smart Growth assistance program available for their zero impact transportation plans.
CDOT (MS4) Discharge Permit Program	<ul style="list-style-type: none"> • Follow-up: Pikes Peak will consider regional coordination with other MS4 permit holders.
CDPHE - Solid Waste	<ul style="list-style-type: none"> • Follow-up: PPACG requested a shape file for leaking underground storage tanks. • There is potential asbestos soil contamination in the region.
CDPHE - Water Quality	<ul style="list-style-type: none"> • No significant issues discussed.
CDPHE - Air Quality	<ul style="list-style-type: none"> • There is a potential Ozone issue for this area in future years.
DOW	<ul style="list-style-type: none"> • DOW has a big interest in riparian zones and wetland conservation. • The Arkansas Darter, Box Turtles and Prebles Meadow Jumping Mouse may be an issue in Fountain Creek. • Follow-Up: The MPO can provide a copy of mapped wetlands.
SHPO	<ul style="list-style-type: none"> • No significant issues discussed.
USACOE	<ul style="list-style-type: none"> • USACOE's jurisdiction and responsibilities may be changing in the future due to legislation and court action. • Follow-up: PPACG needs to know the USACOE new jurisdiction once decided.
CDOT Wildlife Program	<ul style="list-style-type: none"> • PPACG transportation projects could get short grass prairie mitigation credit.
CDOT Environmental Programs Branch	<ul style="list-style-type: none"> • CDOT will consider participating in a Ft. Carson Environmental Assessment (EA) pilot program to evaluate green house gasses.
CSP	<ul style="list-style-type: none"> • A new state Park at Cheyenne Mountain is being developed. • A ring trail around the Peak Trail is also being developed.
FHWA	<ul style="list-style-type: none"> • FHWA will consider providing technical assistance to Ft. Carson on their plan.

Statewide Environmental Forum March 9, 2007 Grand Valley MPO (GVMPO)	
Resource/Regulatory Agency	Information/Issues/Concerns
CDPHE - Air Quality	<ul style="list-style-type: none"> • Currently, GVMPO has not been designated as an air quality non-attainment or maintenance area. • Due to vehicle emissions air toxics measured extremely high in 2001– 2002. • Air quality monitors are located top of the Mesa County Health Dept. and top of city parking ramp.
DOW	<ul style="list-style-type: none"> • Sallow flycatchers are present along the Colorado River. • Tamarisk (a plant that grows near water) removal creates habitat dilemma. • Aquatic passage concerns are caused by pond runoff. • Highland Acres are impacted from gravel extraction. • Federal endangered fish habitat and otters would benefit from fencing wildlife. • Follow-up discussion needs to take place to minimize impact to fish passages and flooded bottom lands of river to keep river connected to its floodplain. • Placing moose in Grand Mesa increases wildlife conflicts. • Energy development industry is causing serious impacts.
CDPHE - Solid Waste	<ul style="list-style-type: none"> • For controversial landfills the MPO can't stop applications • Local governments can make landfill applicants pay for roadway maintenance. • Mesa County is using Black Mountain as an example to determine Oil & Gas truck trip generation; and bridge repair requirements • The "S" Landfill facility would create more road traffic.
CDPHE - Water Quality	<ul style="list-style-type: none"> • CDPHE is investigating impacts of Oil & Gas industry on ground water. • MPO should consider partnering with other agencies or developers on how to facilitate the municipal separate storm sewer system water (MS4) permits process. • Runoff from I-70 may require ponds or water treatment. • CDOT could use their wetland banking program to address the runoff problem.
CSP	<ul style="list-style-type: none"> • Mesa County Trails Group Coalition would like to connect Fruita to Grand Junction with an off-grade trail system. • Upon completion of the trail from Glenwood to Rifle, 90% of an east-west regional trail will be in place. • Trail connections could result in more recreational traffic on SH 141. • SH 141 needs site distance improvements for bikeways. • Whitewater Plan was just approved by the County. • TPR is interested in the build-out of the Spanish Trail. • To accommodate trail system CDOT needs to work with State parks. • Urban Trails Plan for Grand Junction calls of municipal area options for non-motorized travel. • Bureau Land Management would like to get old bridge in Palisade updated and connected to Fruita.
CFL and Colorado Trout Unlimited	<ul style="list-style-type: none"> • Highways located in the bottom of valleys affect the shape and location of streams. • Runoff causes increased stream velocity causing streams to straighten out, moving sand, which covers spawning beds.

**Statewide Environmental Forum
March 9, 2007
Grand Valley MPO (GVMPO)**

	<ul style="list-style-type: none"> • Chemical de-icers affect vegetation adjacent to streams and stunts vegetation. • Reduced shade from vegetation impacts the fish population. • Support for Statewide Environmental Enhancement Program (SWEET) is recommended. • Examine the feasibility of restoring streams which have an economic impact on trout fishing.
FHWA	<ul style="list-style-type: none"> • Growth in the Oil & Gas industry creates housing shortages. • Developers need to help pay for any Oil & Gas impacts. • The region should consider more satellite commercial development to reduce the need on US 50. • Town of Fruita is trying to increase commercial development. • Commuting from Loma will increase due to growth. • Region needs improved transit frequency. • City is considering an increase in office density and further congestion options.
SHPO	<ul style="list-style-type: none"> • Regions historic resources include; the Santa Fe Trail, water ditches, and railroads. • There is a desire for a connection of historic trails between Spanish Peaks and the Santa Fe Trail along US 50. • Environmental Assessment for the I-70 Business Loop will be looking at a very old grocery store of potential historic significance. • SH 141 is impacted by uranium in the Gateway and is eligible for historic designation under the Manhattan project.
USFWS	<ul style="list-style-type: none"> • The Region should consider lynx crossings in southeast Mesa County along Muddy Pass. • Migratory bird nests are located in oil & gas production areas. • BLM set buffers and guidelines for nesting season.
CDOT (MS4) Discharge Permit Program	<ul style="list-style-type: none"> • Discharge problems exist with the Colorado River and the City of Grand Junction is responsible for any discharge from city projects being dumped into rivers. • The Environmental Assessment (EA) for I-70B is looking at water quality issues and may recommend water management mitigation.
USACOE	<ul style="list-style-type: none"> • Mesa County issues conditional use permits, and makes sure local U.S. Army Corps of Engineers (USACOE) office is contacted. • There is a need for partnership between Mesa County and USACE to make sure individuals are applying for permits.
CDOT Wildlife Program	<ul style="list-style-type: none"> • Sage Grouse, a candidate threatened species, is located in uranium extraction areas. • Gunnison Sage Grouse is present in the southwestern region area. • Several endangered plants are present including the Uintah Hookless Cactus and Penstemmons Cactus south of Grand Junction; both require consultation with Fish & Wildlife for mitigation requirements. • The Colorado River is critical habitat for four different fish species.
CDOT Environmental	<ul style="list-style-type: none"> • An Environmental Assessment (EA) is in process on I-70B. • City wants an interchange at 29 Road, but the MPO model shows little benefit. • CDOT suggests looking at CDOT's Purpose and Need Policy Guidance, available on the website to further explore the need for the project.

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Programs Branch	
USFS	<ul style="list-style-type: none">• Oil & gas development is present in Grand Mesa National Forest.• MPO is proposing collaboration between County and Resource Agencies on oil & gas permits.• A uranium project has an EA in Uncompahgre.• MPO is concerned about impacts to SH 65 and SH 33 due to oil & gas development.• Bridge in DeBeque cannot sustain loads from oil & gas rigs.• Mesa County is having difficulty measuring impacts of oil & gas production on collisions, disruption of herds, and migratory birds.• Forest Service doing a Programmatic Lynx Environmental Impact Statements (EIS), and has developed guidelines for mitigations regarding highway development and lynx habitat.• Mesa County videotaping roadways to look for wildlife movement.• Heavy truck traffic related to oil & gas productions is moving on SH 65 across Grand Mesa.
CDOT Environmental Policy	<ul style="list-style-type: none">• Oil & gas exploration adds employees, changes commuting patterns and impacts aging transportation infrastructure.• Region needs more public transportation alternatives.

Statewide Environmental Forum March 9, 2007 Eastern TPR	
Resource/Regulatory Agency	Information/Issues/Concerns
CDPHE - Air Quality	<ul style="list-style-type: none"> • Multi-county Health Department has contracts with Colorado Department of Health and Environment (CDPHE). • Ethanol & biodiesel plants are permitted for emissions. • CDPHE is concerned about PM10 issues. • Commercial feed lots are monitored by CDPHE.
DOW	<ul style="list-style-type: none"> • South Platte River is a recovery area for endangered fish. • Streams need to be traversable and have spring-fed pool. • Culverts create permanent barriers for small fish.
CDPHE – Solid Waste	<ul style="list-style-type: none"> • CDPHE is looking into agriculture partners to turn solid wastes into compost fertilizer. • Some agriculture waste is regulated by US Department of Agriculture. • Better communication is necessary between CDOT and power line developers to avoid potential ROW conflicts during highway expansion.
CDPHE - Water Quality	<ul style="list-style-type: none"> • There are no Municipal Separate Storm sewer system (MS4) drainage permits in Eastern TPR, but CDOT follows requirements when disturbance is less than 1 acre.
CFL and FHWA	<ul style="list-style-type: none"> • Ethanol plant development creates truck traffic. • Increase in rail traffic will impact highway system at rail crossings at points along US 6 into Sterling from Nebraska. • Signals in Sterling at the new Walgreen's intersection do not stay "green" long enough for large trucks.
SHPO	<ul style="list-style-type: none"> • No significant issues were discussed.
USFWS	<ul style="list-style-type: none"> • Under the short grass prairie initiative initiation program - short grass prairie initiative-nature conservancy bought large parcels.
CDOT MS4 Discharge Permit Program	<ul style="list-style-type: none"> • No significant issues were discussed.
CDOT Wildlife Program	<ul style="list-style-type: none"> • Prairie dogs are present in the region and serve as a source of food for bald eagles.
CDOT Environmental Programs Branch	<ul style="list-style-type: none"> • No significant issues were discussed.
USFS	<ul style="list-style-type: none"> • Water rights on South Platte may be of concern.
USACOE	<ul style="list-style-type: none"> • A Supreme Court decisions on wetlands connected to "navigable waters" may effect the regulatory powers of USACE.

Statewide Environmental Forum March 9, 2007 Southeast TPR	
Resource/Regulatory Agency	Information/Issues/Concerns
CDOT (MS4) Discharge Permit Program	<ul style="list-style-type: none"> No significant issues discussed
CDPHE - Solid Waste	<ul style="list-style-type: none"> The owner operator is held liable for any landfill violations. Illegal dumping of roadway materials from construction projects is a concern of CDPHE. CDPHE does not monitor construction sites. County and Local officials are responsible for any illegal dumping. Often illegal dumping located close to bridges containing hazardous waste, if identified; TPR reps and local governments are encouraged to notify CDPHE.
CDPHE - Water Quality	<ul style="list-style-type: none"> CDOT follows mandated water quality regulations. The Arkansas River is impaired for selenium due to crop run off. A maximum daily load is the total amount of a pollutant which regulates discharge to irrigation ditches. There is a possibility that endangered minnows exist in the Arkansas River. CDOT region staff need to follow-up with local rep of the Dept. of Wildlife for further details on endangered minnows.
CDPHE - Air Quality	<ul style="list-style-type: none"> The Town of Lamar is designated for PM10. Lamar's PM10 problem is caused by natural events due to the large amount of cattle feed lots. Lamar and CDPHE have developed a natural events related PM10 plan. The PM10 problem could be exacerbated by a proposed coal burning power plant looking to locate in the TPR. Discussions between County Commissioners and the proposed power plant should consider paving dirt roads to help mitigate the PM10 problem. CDPHE can help the region develop an air quality plan.
DOW	<ul style="list-style-type: none"> The Arkansas River Flood plain area is a recovery site for state endangered species; the Arkansas Darter Fish. The Lesser Prairie Chicken and Black Tail Prairie Dogs both have habitat within the Southeast TPR. Currently a lawsuit by a coalition of non-profit environmental groups is pending to get the Black Tail prairie dog listed as an endangered species. With the construction of the Lamar bypass the DOW is not concerned with temporary projects that impact the Arkansas River and flood plain.

Statewide Environmental Forum March 9, 2007 Southeast TPR	
SHPO	<ul style="list-style-type: none"> • SHPO identified the following historic resources in the SE TPR including a Japanese Internment Camp located in Granada (the Granada Relocation Center) and the Sand Creek Massacre site which has Congressional Historic Site Designation. • Several schools, culverts and other buildings were constructed during the 'New Deal' era and have historic significance. • There are concerns with Pinon canyon expansion due to the historic wagon ruts that are located in and around the area.
USFWS	<ul style="list-style-type: none"> • If projects are proposed in the SE TPR then Fish and Wildlife representatives need to be contacted to provide a list of endangered species. • Follow-up: USFW will send a CD to the TPR with additional information on areas of high integrity/low integrity regarding the wildlife interaction program; CDOT can distribute statewide.
USACOE	<ul style="list-style-type: none"> • Bridges over the Arkansas River by Bent's Fort is a concern. • Currently SE does not have the money to do any construction along the Arkansas River. • Jurisdictions could be changing in the next month due to changes under the Dept of Defense.
CFL	<ul style="list-style-type: none"> • No significant issues discussed
CDOT Wildlife Program	<ul style="list-style-type: none"> • There is a big push from the tourism industry for bird watching. • Magnesium chloride has no effect on fish. • Sanding of roads has more harmful effects on fish and streams.
CDOT Environmental Programs Branch	<ul style="list-style-type: none"> • No significant issues discussed
CSP	<ul style="list-style-type: none"> • In the SE TPR there is a state birding trail comprised of public and private lands and 35-60 bird viewing sites. • Town of Lamar would like to build a bike/pedestrian trail to Las Animans and La Junta; local governments have applied to CSP for a planning grant. • The proposed Santa Fe Trail runs along SH 350 and includes SH 183. • Adding shoulders could be a part of a potential realignment project.
FHWA	<ul style="list-style-type: none"> • Transit access for small communities serving elderly and disabled residents is an issue for the TPR. • There is a growing need for medical transport to La Junta and Lamar. • A wind farm in the region is currently under construct. • The U.S. Dept of Energy is constructing a cosmic receptor farm to capture cosmic energy partials from space.
USFS	<ul style="list-style-type: none"> • The completed Comanche Management Plan is currently out for public comment: http://www.fs.fed.us/r2/psicc/projects/forest_revision/plan_documents.shtml

Statewide Environmental Forum March 9, 2007 San Luis Valley TPR	
Resource/Regulatory Agency	Information/Issues/Concerns
EPA	<ul style="list-style-type: none"> The EPA has no major issues in the San Luis Valley.
CDPHE - Solid Waste	<ul style="list-style-type: none"> Contractors violate regulations by burning project materials on-site. CDOT should make sure contractors obtain a solid waste permit to bury on-site or take the materials to a landfill. Project engineers should look for abandoned landfills when conducting excavation.
CDPHE - Water Quality	<ul style="list-style-type: none"> Construction on Wolf Creek Pass impacts sensitive waterways due to sediment from the construction site. A determination has to be made if the levels of pollutants impact other streams in the TPR. CDPHE has started assessing the sediment load for bodies of water in the TPR. Follow-up with Paul Hagman at 303-692-3555.
CDPHE - Air Quality	<ul style="list-style-type: none"> Follow-up: CDPHE staff will check sources of funding to help Alamosa deal with dust.
DOW	<ul style="list-style-type: none"> CDOT Region 5 has been mitigating and preserving habitat for two endangered species; the lynx and southwestern willow flycatcher.
SHPO	<ul style="list-style-type: none"> Listing of potential historic properties and districts for San Luis Valley can be obtained from CDOT Headquarters.
USFWS	<ul style="list-style-type: none"> Tamarisk has become an important shrub for the endangered southwestern willow flycatcher. Efforts are under way across the state to remove tamarisks because of their aggressive ability to crowd out native shrubbery. Habitat fragmentation from gas development in the area is likely to impact wildlife.
USACOE	<ul style="list-style-type: none"> No water flow out San Luis Valley basin north of US 160. USACOE has little jurisdiction over the wetlands in that portion of the valley. Due to a pending court decision, jurisdiction over the San Luis Lake may change.
CDOT (MS4) Discharge	<ul style="list-style-type: none"> No significant issues were discussed.
CDOT Wildlife Program	<ul style="list-style-type: none"> Transportation projects in neighboring Southwest TPR could impact lynx, southwestern willow flycatcher, deer and elk. Vehicle collisions with deer and elk are an issue in the TPR. Measures need to be taken to ensure safe wildlife crossings of state highways.
CDOT Environmental	<ul style="list-style-type: none"> No significant issues were discussed.

Statewide Environmental Forum March 9, 2007 San Luis Valley TPR	
Programs Branch	
CSP	<ul style="list-style-type: none">• Colorado State Parks has a rails-to-trails project (conversion of abandoned rail lines into trails) between South Fork and Creede in the San Luis Valley.• The San Luis State Park and the Arkansas Headwaters Recreation Area have trails.• The agency also has a statewide comprehensive outdoor recreation plan and other resources for those interested in trails: http://parks.state.co.us/Trails/Publications/.
CFL and Colorado Trout Unlimited	<ul style="list-style-type: none">• CDOT needs to be aware of the impact on streams and fish from highway runoff of sand and de-icing chemical. This is particularly important for the headwaters of the Arkansas, Rio Grande and Conejos rivers.• Trout Unlimited can help raise funding to restore streams.• Follow-up: Place Trout Unlimited on the stakeholders' list for transportation planning.
FHWA	<ul style="list-style-type: none">• No significant issues were discussed.
USFS	<ul style="list-style-type: none">• The US160 Wolf Creek Pass EA and FONSI specifies USFS requirements for mitigation measures instead of including general statements that could be misinterpreted.

Statewide Environmental Forum March 9, 2007 Gunnison Valley TPR	
Resource/Regulatory Agency	Information/Issues/Concerns
CDOT Wildlife Program	<ul style="list-style-type: none"> • TPR will be focusing on preventing accidents involving deer and elk. • Various mitigating efforts include special reflectors along US 40, reduced speed along SH 13, and wildlife fencing and escape ramps along I-70 and US 550. • Other mitigation efforts include adequate shoulders for safety on highways leading into public lands. • CDOT has received a grant to do a study on wildlife and vehicle accidents. • Paving of Dave Wood Road would connect SH 90 from Montrose to Naturita and help reduce wildlife conflicts.
CDPHE - Solid Waste	<ul style="list-style-type: none"> • CDPHE is concerned by the insufficient public waste stations to receive waste products from oil and gas development sites.
USACOE	<ul style="list-style-type: none"> • USACOE requested more training for CDOT maintenance staff in handling wetlands.
CSP	<ul style="list-style-type: none"> • Colorado State Parks discussed a gap in the Ridgeway trail that needs to be filled. • A proposed trail from Carbondale to Crested Butte is being planned.
USFS	<ul style="list-style-type: none"> • USFS as well as other federal agencies expressed concern regarding the increasing number of oil and gas permit requests.

Statewide Environmental Forum March 9, 2007 Southwest TPR	
Resource/Regulatory Agency	Information/Issues/Concerns
EPA	<ul style="list-style-type: none"> Smart Growth technical assistance is available and in the past EPA has provided grants. For more information see http://www.epa.gov/smartgrowth/sg_implementation.htm.
CDOT (MS4) Discharge Permit Program	<ul style="list-style-type: none"> The storm water regulations have the greatest impact on the City of Durango; however Durango's standards are more stringent than the rest of the state.
CDPHE - Solid Waste	<ul style="list-style-type: none"> Beginning July 1, 2007, landfills can no longer accept whole tires, industrial oils or automotive batteries. Most oil and batteries are already recycled or sold on secondary markets. To address the tire issue, shredding is a popular approach. A tire shredding co-op run out of Alamosa makes the tire fragments available for leech layers for landfills, consolidated roads, or for sale to recycling outfits.
CDPHE - Water Quality	<ul style="list-style-type: none"> There are no major issues in the Southwest TPR at present. Durango, as an urbanized area, is required to maintain an MS4 permit for storm water discharge; however, the city currently maintains higher discharge standards than are required under state law.
CDPHE - Air Quality	<ul style="list-style-type: none"> PM 10 is the primary issue for the Southwest. Pagosa Springs is currently in non-attainment/maintenance and Durango is monitored for compliance. Those who have concerns about air quality should try to document with photographs and write a letter to request monitoring. Rural areas in non-attainment/maintenance currently receive \$200K in Federal Congestion Mitigation Air Quality funds annually for paving dirt roads and other dust reduction efforts.
DOW	<ul style="list-style-type: none"> DOW is monitoring the impacts of oil, gas, and mining development on wildlife in Southwest TPR. DOW is working with CDOT on the wildlife highway crossing initiative.
SHPO	<ul style="list-style-type: none"> Approximately \$15 million is available annually through the State Historic Fund to support local projects that preserve the historic nature of a community. More information is available at http://www.coloradohistory-oahp.org/programareas/shf/shfindex.htm.
USFWS	<ul style="list-style-type: none"> Migratory birds present the most significant issues for the Southwest TPR. Nests cannot be disturbed after eggs have been laid, so good planning of construction projects is required.

Statewide Environmental Forum March 9, 2007 Southwest TPR	
USACOE	<ul style="list-style-type: none"> • Jurisdiction may be expanded in coming years to include ephemeral and intermittent water sources that serve as tributaries to navigable waters which could affect streams throughout the Southwest TPR. • USACOE is increasing its work with oil, gas and mining companies to ensure compliance with federal wetland protection laws.
CFL and Colorado Trout Unlimited	<ul style="list-style-type: none"> • River restoration efforts are organized by local chapters and include road construction mitigation and spillage response. • The Five Rivers chapter serves the Southwest region and can be found online at http://www.fiveriverstu.org/.
CDOT Wildlife Program	<ul style="list-style-type: none"> • Significant mitigation activity is occurring in the Southwest TPR on both US. 160 and US. 550. • The reconstruction of US 160 will include four large animal crossings and U.S. 550 will include up to 10.
CSP	<ul style="list-style-type: none"> • The Durango area has among the best trail systems in the state. • Completing the Bayfield to Durango trail is the next effort the CSP. • The Pagosa Snowmobile Club recently received a grant to support the purchase of a trail groomer. • More information is available from http://parks.state.co.us/Trails/Grants/.
USFS	<ul style="list-style-type: none"> • The U.S. Forest Service is willing to turn over Forest Service roads to counties. • Change in road ownership is negotiated on an annual basis and include agreements about the maintenance and operation of the roads.

MOVING COLORADO

Vision for the Future
2035 Statewide Transportation Plan



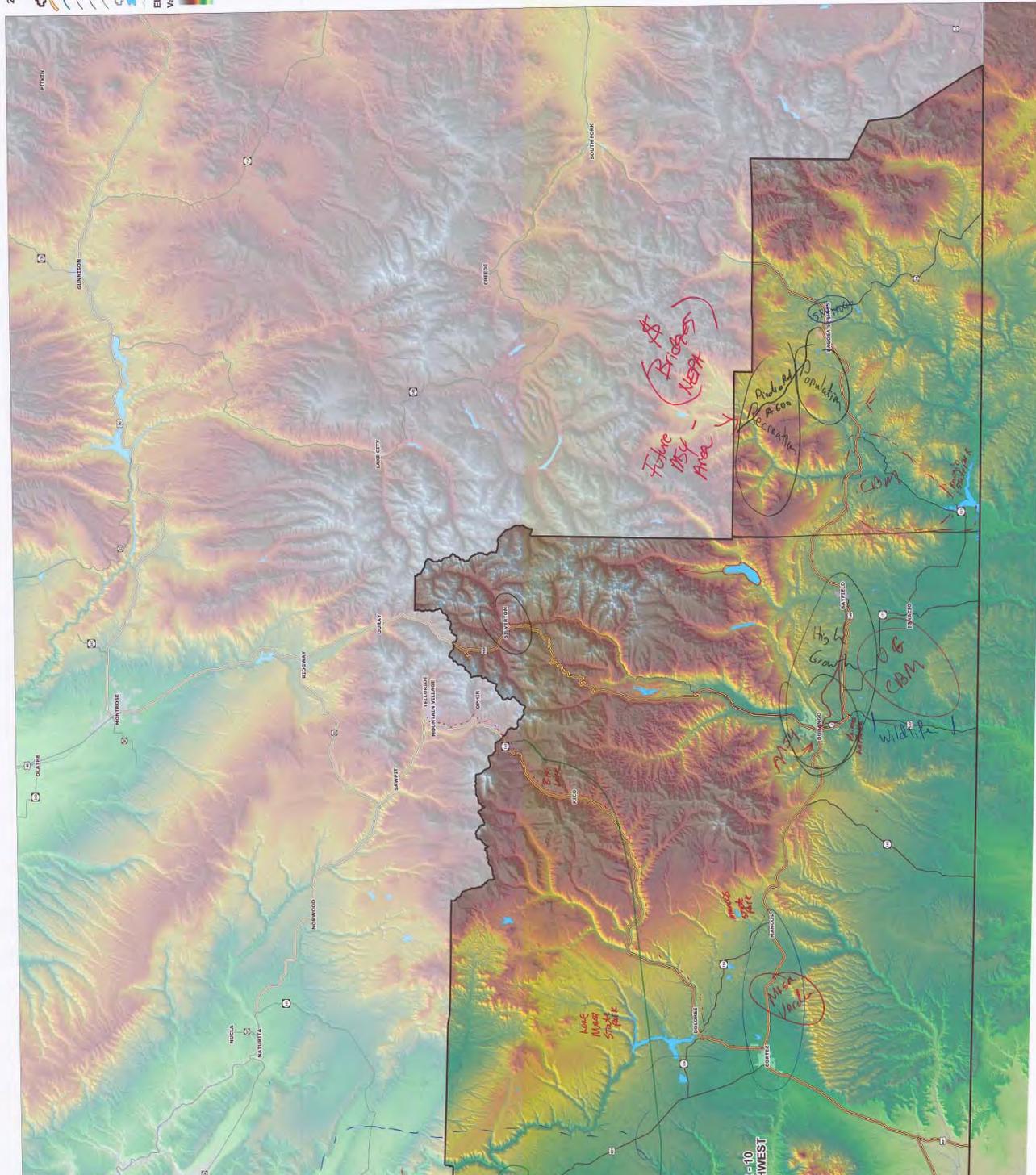
2035 Environmental Forum
March 2007

- Transportation Planning Region (TPR)
- 2035 Fiscally Constrained Corridor-Projects
- Interstate
- U.S. Highway
- State Highway
- Railroads
- Metropolitan Planning Organization (MPO)
- Lakes
- Streams

Elevation Value
High - 14,500 feet
Low - 3,200 feet



Colorado Department of Transportation
2035 Environmental Forum
File Name: 2007-03-07-TPR.mxd
File Date: 03/07/2007

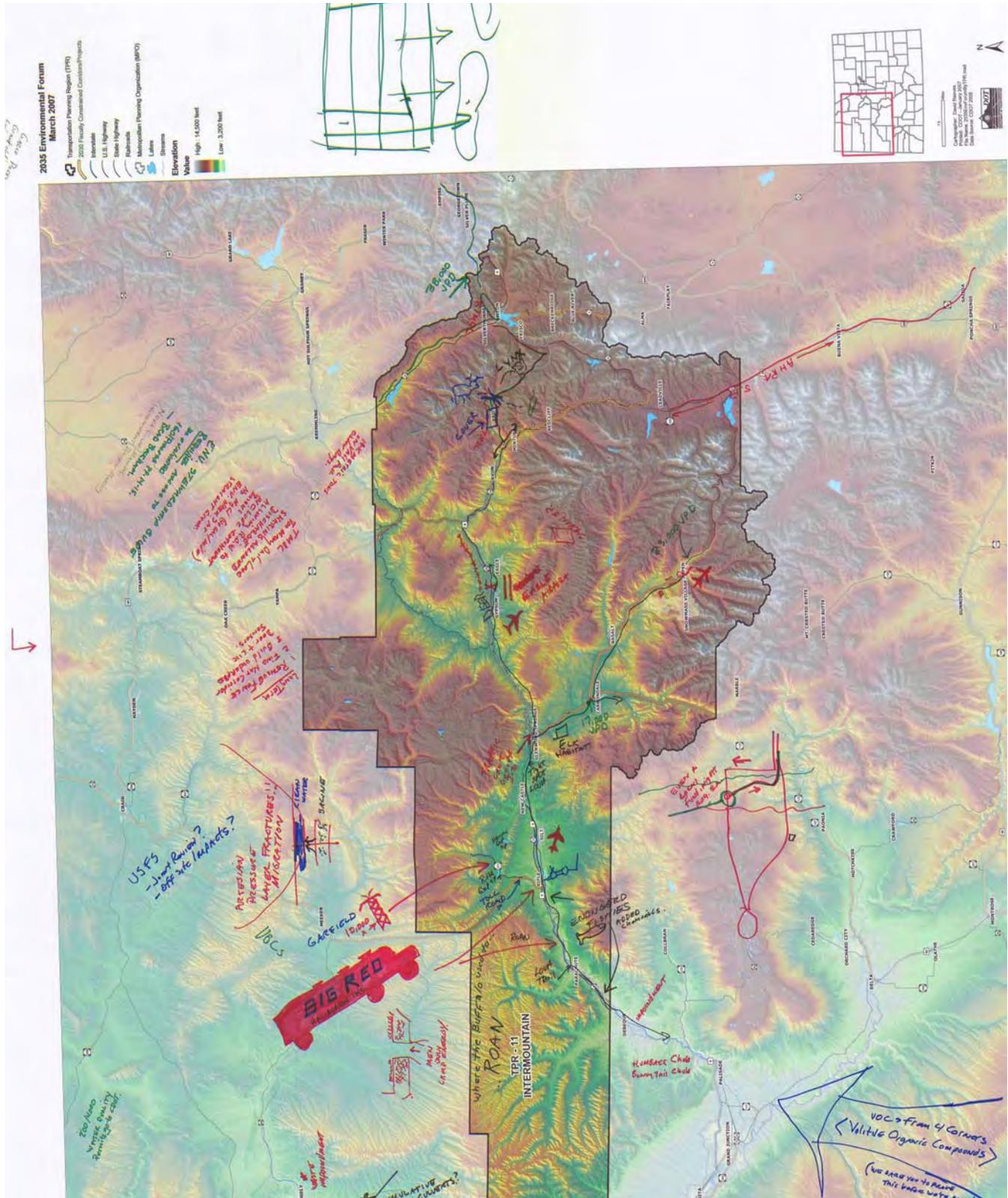


3-10
HWEST

Statewide Environmental Forum March 9, 2007 Intermountain TPR (IMTPR)	
Resource/Regulatory Agency	Information/Issues/Concerns
EPA	<ul style="list-style-type: none"> EPA is heavily involved in the four Bureau of Land Management Oil and Gas Environmental Impact Statements (EISs), as well as the I-70 Programmatic EIS.
CDOT (MS4) Discharge Permit Program	<ul style="list-style-type: none"> No specific storm water issues are present for the IMTPR.
CDPHE - Solid Waste	<ul style="list-style-type: none"> Air quality issues resulting from oil slate development is a concern in the TPR.
CDPHE - Water Quality	<ul style="list-style-type: none"> No outstanding water quality issues were discussed.
CDPHE - Air Quality	<ul style="list-style-type: none"> IMTPR will explore the air quality impacts of retrofitting buses and hybrid bus improvements.
DOW	<ul style="list-style-type: none"> Several threatened and endangered species are present between Rifle and Parachute.
SHPO	<ul style="list-style-type: none"> Historic design elements will affect future projects in the I-70 corridor.
USFWS	<ul style="list-style-type: none"> No outstanding issues were discussed.
USACOE	<ul style="list-style-type: none"> Improved communication between the USACOE, CDOT, the IMTPR and respective local governments is needed.
CFL and Colorado Trout Unlimited	<ul style="list-style-type: none"> Trout Unlimited is concerned about inputs to waterways from the highways. Trout Unlimited is supportive of fixed-guideway transit in the I-70 corridor.
CDOT Wildlife Program	<ul style="list-style-type: none"> No outstanding issues were discussed.
CDOT Environmental Programs Branch	<ul style="list-style-type: none"> Intermountain is interested in the possible "re-opening" a Record of Decision for the I-70 Programmatic EIS
CSP	<ul style="list-style-type: none"> No outstanding issues were discussed.

MOVING COLORADO

Vision for the Future
2035 Statewide Transportation Plan



Statewide Environmental Forum March 9, 2007 Northwest TPR	
Resource/Regulatory Agency	Information/Issues/Concerns
EPA	<ul style="list-style-type: none"> • EPA is involved in oil and gas development along the western slope and within the TPR. • EPA is concerned with protecting water quality and considering sustainability in regional planning.
CDOT (MS4) Discharge Permit Program	<ul style="list-style-type: none"> • Steamboat Springs is the only designated municipal separate storm water sewer system (MS4) area within the TPR. • MS4 staff recommends considering planning for additional ROW and costs for permanent best management practices (BMP's) for any construction project in Steamboat Springs. • CDOT needs to identify ROW needs for protection of streams and mitigation. • Impaired streams should be identified early on in the planning process.
CDPHE - Solid Waste	<ul style="list-style-type: none"> • Several dump sites that get waste from oil & gas production are located in the western portion of the TPR. • Clean up of beetle killed trees is a huge issue, CDPHE is working on identifying compost facilities to help with beetle kill tree clean up. • CDPHE sees significant increases in the number of reported spills on CDOT highways. • Landfill site in Milner can no longer take profile liquids or contaminated soils so there will be more on-site treatments for spills on State highways. • CDOT should be involved in the incident management issues due to wildfires.
CDPHE - Water Quality	<ul style="list-style-type: none"> • High quality streams are located in TPR including the Fraser, Blue, Colorado, Yampa and White rivers. • CDOT needs to consider water quality impacts and appropriate mitigation measures in their planning process. • There are cumulative effects of oil and gas development on water quality. • Steamboat Spring has a (MS4) Phase II permit and CDOT will need to also plan for permanent BMP's.
CDPHE - Air Quality	<ul style="list-style-type: none"> • Steamboat Springs is in non-attainment/maintenance status. • CDPHE is conducting an inventory of sources of air toxins. • Cumulative impacts of oil and gas development on air quality is a regional concern. • Notify CDPHE for any air quality concerns and they will monitor that area. • CDOT needs to control dust on their construction projects to help reduce impacts to air quality.
DOW	<ul style="list-style-type: none"> • SH 13 north of Craig is a key Sage Grouse critical habitat area .

Statewide Environmental Forum March 9, 2007 Northwest TPR	
	<ul style="list-style-type: none"> • DOW is working with the State Land Board on creating and/or protecting this habitat. • CDOT should consider partnering on efforts to create and/or protect critical habitat. • CDOT should also consider incorporating wildlife crossings into the planning process. • Data sharing between DOW and CDOT should include wildlife crossings, identified wildlife corridors and key habitats. • Several high quality fisheries within the Northwest TPR include the Colorado, Blue, Yampa and White rivers. • CDOT should incorporate protection of fisheries and improved habitat into the planning process.
SHPO	<ul style="list-style-type: none"> • SH 13 was identified for potential listing on the National Register of Historic Places. • Any SH 13 improvements need to go through Section 106 consultation. • Steamboat Springs area has an active historic group that needs consultation on projects. • CDOT should consider a regional survey of context for the northwest area for use in planning and 106 consultations. • Cumulative impacts of oil and gas development could impact historic resources. • The only control that CDOT has on oil and gas development impacts to historic resources is through the CDOT ROW access permitting process.
USFWS	<ul style="list-style-type: none"> • Present sensitive species include Lynx, Black Footed Ferret, Boreal Toad, migratory birds and certain fish species. • CDOT needs to use wildlife linkage information in their planning process to identify key conflict points. • CDOT should plan for mitigation costs associated with impacts to wildlife in the planning process to obtain better overall project costing. • Early coordination with the USFWS saves consultation time. • The USFWS is concerned with the cumulative impacts of oil and gas development on sensitive species.
USACOE	<ul style="list-style-type: none"> • New process requirements include the ephemeral and intermittent drainage jurisdiction which must now go through EPA. New requirements could add several days or months to the permitting process. • New wetland mitigation banks have been approved for specific areas. • CDOT should consider ROW acquisition and cost to construct wetlands mitigation early in the process.
CFL and Colorado Trout Unlimited	<ul style="list-style-type: none"> • Key Trout resources in the area that were identified were the Blue, Colorado and the Yampa.

Statewide Environmental Forum March 9, 2007 Northwest TPR	
	<ul style="list-style-type: none"> • Loss of curvature of waterways due to construction from highway construction has impacted habitat. • Sanding and the use of deicers impact water quality. • Highway accident spills go into waterways creating an impact to habitat. • Trout Unlimited would like CDOT to plan for the protection of waterways when developing their projects and consider the impacts of maintenance and operations on sensitive waters and provide mitigation measures. • CDOT should consider stream restoration as part of projects where possible and pursue potential partnerships with other groups.
CDOT Wildlife Program	<ul style="list-style-type: none"> • Animal/vehicle collisions are a major concern. • Deer seems to be the most predominant species in conflict with vehicles. • CDOT should identify key wildlife crossing areas and incorporate mitigation measures into their planning process. • Impacts to the Sage Grouse habitat is another issue of concern. • CDOT should consider identifying opportunities for mitigation partnering with other agencies. • CDOT should also consider mechanisms to change driver behavior (i.e. use of electromagnetic cables) on those highways with high animal/vehicle collisions.
CSP	<ul style="list-style-type: none"> • Need to consider conflicts between motorized vs. non-motorized uses when planning projects. • Consider and plan for use of ROW in development of a statewide trails plan. • Allow for room with CDOT ROW for trail purposes. • CSP prefers a detached trail facility for safety and quality of experience. • Trails all across the state are being impacted by the growth of the oil and gas development. • There are safety issues associated with the use of transportation facilities by bicyclists due to the large increase in the number of oil and gas vehicles.
USFS	<ul style="list-style-type: none"> • Arapahoe, Routt and White River National Forests are found in the Northwest TPR. • There are separate lynx management plans for the different forests. • Critical habitat and linkage zones for lynx should be identified and mitigation measures considered in the planning process and project development. • Beetle kill is a huge issue in this area. • Consider the Forest Management Plans in transportation planning.

Statewide Environmental Forum

March 9, 2007

Northwest TPR

- CDOT needs to participate in the task force for incident command and emergency evacuation due to wildfires resulting from the significant beetle kill.
- CDOT should also coordinate with the local forest manager on upcoming transportation projects per the MOU between CDOT and Public Lands.

Statewide Environmental Forum March 9, 2007 Upper Front Range TPR	
Resource/Regulatory Agency	Information/Issues/Concerns
EPA	<ul style="list-style-type: none"> • Weld County is a significant contributor of new precursors of ozone into the Denver basin. • Rocky Mountain National Park is showing evidence of nitrogen deposition from cars and volatile organic compounds from oil and gas operations. • Land use patterns that make it possible for people to reduce their vehicle miles traveled is one possibility to address both issues. • The EPA has some “smart-growth” planning money available that could help local entities deal with growth. • A regional transportation authority could generate revenues that could be used for transit. • Weld County and the rest of the UFR create thinly scattered populations that are difficult to serve with transit.
CDOT (MS4) Discharge Permit Program	<ul style="list-style-type: none"> • In constructing roads along streams, sponsoring agencies must be careful about maintaining a buffer zone to keep road spills from getting into the water. • If the tri-towns (Dacono, Frederick, and Firestone) become part of DRCOG, they will need to obtain an MS4 permit to allow discharges.
CDPHE - Solid Waste	<ul style="list-style-type: none"> • The permits outline certain routes for the trucks and the destinations of the solid waste. • CDPHE has been working on a plan to have beetle-kill pines shredded. • If the plan is implemented, more trucks could be traveling through and leaving loads in the counties in UFR.
CDPHE - Water Quality	<ul style="list-style-type: none"> • The Big Dry Creek Coalition is trying to work together with many different entities to address the E-coli problem in the creek. • Use of magnesium chloride as a substitute for sand can cause nutrient deposition in rivers and reservoirs. • Additives that get in the magnesium chloride create a problem. • CDOT is able to test the quality of its magnesium chloride before application. • Counties probably need to test the magnesium chloride themselves or contract to have it done to avoid contaminating bodies of water with road runoff.
CDPHE - Air Quality	<ul style="list-style-type: none"> • More stringent ozone standards are likely to be in place by June 2007. • The stricter standards could ensure that the Denver basin, and Weld and Larimer counties will be a non-attainment area for ozone by the end of the summer.

Statewide Environmental Forum March 9, 2007 Upper Front Range TPR	
	<ul style="list-style-type: none"> • Stricter oil and gas controls are likely coming that will affect the oil and gas industry in Weld County particularly.
DOW	<ul style="list-style-type: none"> • Wind energy farms are a concern because of their effect on migrating birds and have to be sited in such a way that birds that rely on updrafts along ridges will not be killed by the blades. • South Platte River Recovery Corridor is part of an interstate agreement to deliver 16,000 acre-feet of water to Nebraska annually from the river, this agreement is an attempt to protect three bird species and one fish species. • Another issue is to help the recovery of a state-listed fish species. • There is concern about habitat for the plain sharp tail grouse. • Black-tailed prairie dogs are also tracked, largely because the prairie dog colonies provide homes for burrowing owls and piping plover.
SHPO	<ul style="list-style-type: none"> • CDOT has a program to have outside entities “adopt” historic bridges. • US Highway 34 crosses some historic irrigation ditches that may need to be mitigated during road projects. • The Bureau of Reclamation has a preservation plan for certain identified irrigation ditches that should be consulted before work begins on US 34 road improvements. • Several miles of US 287 north of Fort Collins might need to be realigned if the Northern Colorado Water Conservancy District builds a reservoir in the vicinity.
USFWS	<ul style="list-style-type: none"> • Road construction through the short grass prairies needs to be done without disturbing ground-dwelling birds, such as burrowing owls. • Federal law prohibits knocking down nests during nesting season of all migratory birds except sparrows, starlings, and pigeons; abiding by this law requires transportation projects to have carefully planned phases to avoid nesting season.
USACOE	<ul style="list-style-type: none"> • Due to a lawsuit, the Army Corps of Engineers and EPA both determine jurisdiction over dry drainages. • U.S. Army Corps of Engineers would be willing to meet with representatives of ditch companies to discuss other ways to protect ditch structures other than dredging the sandbars away. • Follow-up: USACOE with follow up with the TPR on discussions about non-structural solutions for ditch companies.
CDOT Wildlife Program	<ul style="list-style-type: none"> • In the short grass prairie bank in northern Weld County, there are 40 plant and animal species that road-building could impact. • Transportation projects near bodies of water along the Front Range are assumed to have some impact on Preble’s jumping

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mouse.

- Transportation projects near streams also are assumed to affect bald eagle habitat.
- Mitigation strategies for bald eagles that are apt to be disturbed by nearby transportation projects include moving or rebuilding eagle nests at a more distant location.
- Great blue heron rookeries are also present near certain reservoirs; transportation projects can scare the great blue herons away.
- Follow-up: CDOT will discuss the possibility of building a bald eagle nest to lure bald eagles away from a future road construction site within the region.

Statewide Environmental Forum March 9, 2007 Central Front Range	
Resource/Regulatory Agency	Information/Issues/Concerns
EPA	<ul style="list-style-type: none"> • NEPA documents are too long; and the process could be streamlined. • NEPA documents must be “bullet proof” to avoid potential litigation which is now rampant. • Potential lawsuits could be on I-70 Mountain Corridor PEIS, I-70 East Corridor (Both within Region 1).
CDOT (MS4) Discharge Permit Program	<ul style="list-style-type: none"> • Best Management Practices outside of the Municipal Separate Storm Sewer System (MS4) program areas are usually part of the NEPA process. • Colorado Springs is in an MS4 Area (>20K persons per sq. mi.) as determined by the EPA. • Some communities are creating storm water utilities (e.g., Denver, Colorado Springs, Arapahoe County).
CDPHE - Solid Waste	<ul style="list-style-type: none"> • Midway landfill facility includes onsite composting/waste diversion, agricultural manure processing, water treatment plant sludge processing and other organics • Laying asphalt and the cleaning of spray nozzles on trucks may contaminate soil .
CDPHE - Water Quality	<ul style="list-style-type: none"> • MS4 only covers U.S. Census designated urbanized areas. • CDOT voluntarily implements MS4 statewide • MS4 process covers permanent water quality installation and continued function of features or practices (e.g., Cañon City). • “Total Maximum Daily Load” program is where CDPHE manages sediment from various projects.
CDPHE - Air Quality	<ul style="list-style-type: none"> • Cañon City has a maintenance plan in place for Particulate Matter (PM10). • Cripple Creek has an Memorandum of Agreement in place for PM10. • Park County rapid population growth is a concern for them falling into non-attainment. • The Ozone (O3) issue is caused by vehicular emissions but oil and gas development is also a contributing factor.
DOW	<ul style="list-style-type: none"> • Dead animals by the road are a public hazard and aesthetic issue. • Wildlife crossings must be site specific and underpasses (box culverts) tend to be more cost efficient than overpasses as well as useful for ranchers. • DOW requests avoidance of native cutthroat trout habitat, brown trout habitat in the Arkansas River, and prairie dog colonies. • SH 96 from Westcliffe to Wetmore in Custer County has heavy deer crossings.

Statewide Environmental Forum March 9, 2007 Central Front Range	
Resource/Regulatory Agency	Information/Issues/Concerns
	<ul style="list-style-type: none"> • CDOT should take the lead role in contacting DOW before starting highway projects to mitigate wildlife conflicts.
SHPO	<ul style="list-style-type: none"> • Manitou Springs and Cripple Creek are National Historical Landmarks. • Cañon City's main street is on the National Register District. • Park County is looking at a National Heritage Tourism Designation. • Sec. 106 states that cultural resources must be eligible for, or formally listed on, the National Register of Historic Resources. • Examples of historic resources include objects, structures, sites, buildings, historic districts and traditional cultural properties.
USFWS	<ul style="list-style-type: none"> • Species present in the TPR include: Mexican Spotted Owl in Pine National Forest, Bald Eagle, Lynx, and Greenback Cutthroat Trout. • In Park County the South Platte River Basin serves as the habitat for the Pawnee Mountain Skipper Butterfly (40% of whose habitat was destroyed by the Hayman fire). • Migratory birds are often a factor in bridge replacement projects. • Threatened & Endangered issues should be handled early in the NEPA process to avoid delays in the process.
USACOE	<ul style="list-style-type: none"> • Fens (wetlands) in Cripple Creek near SH 67 may need to be moved due to ongoing mining activities. • Fens could be affected by widening US 285 in Park County which would automatically trigger a 404 permit. • TPR should work with partners to consider all possible "green" options, prior to requesting a permit.
CFL and Colorado Trout Unlimited	<ul style="list-style-type: none"> • Highway projects disturb the natural curvature of river basins. • Auto accident drivers should be held liable for waterway impacts. • US 50 follows the Arkansas River basin. • Fishing in Colorado is a billion dollar industry.
The Nature Conservancy	<ul style="list-style-type: none"> • "National Tourism Heritage" has designated 22,000 acres of conservation area for prairie dog habitat throughout the Eastern Plains (S.E. Colorado). • The Nature Conservancy promotes Eco-Regional Assessments (e.g., South Park); to conserve representative biodiversity within the Southern Rocky Mountains • Follow-up: the Nature Conservancy can provide DVDs to CDOT to show migration areas.
CDOT Wildlife Program	<ul style="list-style-type: none"> • CDOT's Shortgrass Prairie Initiative has 24,400 acres of land to mitigate statewide • Mitigation impacts will last for 20 years or until they reach

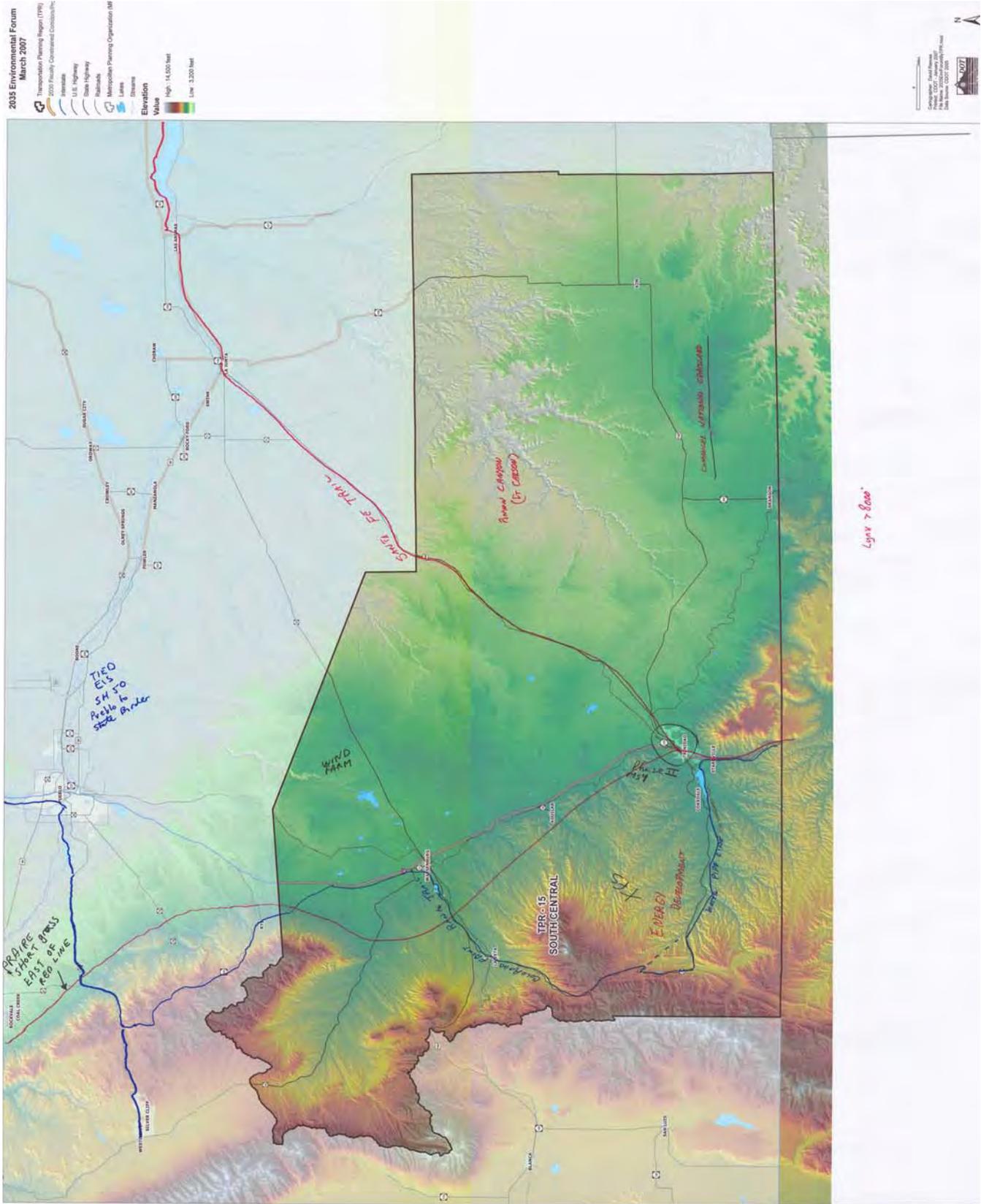
Statewide Environmental Forum March 9, 2007 Central Front Range	
Resource/Regulatory Agency	Information/Issues/Concerns
	58,000 acres of impact. <ul style="list-style-type: none"> • Only 250 Lynx left in the entire state and generally stay above 8,000 feet. • CDOT recommends constructing over/underpass only on major roadway/highway construction projects and using guardrails to mitigate wildlife accidents.
CDOT Environmental Programs Branch	<ul style="list-style-type: none"> • No significant issues discussed
CSP	<ul style="list-style-type: none"> • Current Projects include the Ring the Park Trail which is in progress. • Colorado Front Range Trail along Fountain Creek may impact I-25. • Colorado Front Range Trail Master Plan and Implementation Plan outlines the proposed trail from south of Pueblo to Trinidad. and supports non-motorized vehicles in the right-of-way along highways and the accommodation of bike lanes wherever possible. • CSP wants CDOT to become an active partner in creating recreational trails and non-motorized uses in highway ROW, and accommodate bike lanes wherever feasible.
FHWA	<ul style="list-style-type: none"> • Looking at a broader scope of environmental issues and not just NEPA-related criteria help address flaws between planning and NEPA. • Need to encourage locals to consider land use issues and their transportation impacts up front in the NEPA process. • Colorado is designated as a focus state for the new "Planning and Environmental Linkages" program to fund projects that join together the planning process and the environment. • Pueblo and Pikes Peak Area COG/MPO in coordination with the USACOE have received FHWA funds for the Fountain Creek Watershed study. • Outcome from the Fountain Creek Watershed study will be incorporated into their 2035 plans.
USFS	<ul style="list-style-type: none"> • New federal travel regulations designate roads, trails and areas for motorized use in USFS lands. • The regulations prohibit off-road (cross country) motorized use outside of designated areas in Forest Service lands. • Follow-up: USFS would like access to CFR's 2035 Plan Technical reports.

Statewide Environmental Forum March 9, 2007 South Central TPR	
Resource/Regulatory Agency	Information/Issues/Concerns
EPA	<ul style="list-style-type: none"> No significant issues were discussed.
CDOT (MS4) Discharge Permit Program	<ul style="list-style-type: none"> No significant issues were discussed.
CDPHE - Solid Waste	<ul style="list-style-type: none"> Potential new landfill to be located west of Aguilar.
CDPHE - Water Quality	<ul style="list-style-type: none"> With energy development along SH 12 there may be some erosion and other associated water quality issues. Proposed Ft. Carson expansion may deplete water and impact soils.
CDPHE - Air Quality	<ul style="list-style-type: none"> PM-10 issues exist on SH 12 as a result of energy development and dust from trucks also there is a lack of funding to pave secondary dirt roads. CDPHE can offer technical assistance with grant writing for Best Management Practices (BMPs). If the region has particular concerns they should document the issue, take photos and send a letter to CDPHE HQ.
DOW	<ul style="list-style-type: none"> Big game crossing at I-25 and SH 160 To monitor big game road kills, DOW suggests that CDOT maintenance crews begin to identify vehicle/animal incident locations by noting the mile marker posts. CDOT can begin to develop an inventory of specific locations and number of incidents. DOW has money for crossing mitigation measures.
SHPO	<ul style="list-style-type: none"> Expansion of Ft. Carson (potential 403,000 Acre expansion) could impact archeological sensitive areas. There are known archeological resources and much of the area has not even been surveyed. The army would have to go through the Section 106 and 110 processes. CDOT could request to be a "consulting party" and sit as a stakeholder.
USFWS	<ul style="list-style-type: none"> Wind farm development (see location on TPR map) will impact ground nesting birds as they perceive the towers as potential habitat for predatory birds. Towers may also confuse migratory bird flight paths.
USACOE	<ul style="list-style-type: none"> No significant issues discussed.
The Nature Conservancy	<ul style="list-style-type: none"> Highway expansion is often destructive to trout habitat. Ft. Carson expansion is a concern of the Nature Conservancy whose goal is to have large tracts of habitat preserved. The Nature Conservancy considers Tamarisk species eradication.
CDOT Wildlife Program	<ul style="list-style-type: none"> Variable Message Signs (VMS) can be used to alert drivers of

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	animal activity during different times of the year. <ul style="list-style-type: none"> • Antelope migrate across I-25. • Short grass prairie grass is located east of I-25. • Lynx populations are present in the TPR over 8,000 ft.
CSP	<ul style="list-style-type: none"> • The proposed route for the Colorado Front Range Trail from Pueblo south follows I-25. • The east side and west side of I-25 alignments are to be determined. • Santa Fe Trail is in planning stage.
FHWA	<ul style="list-style-type: none"> • There is a bridge replacement project northbound on I-25 in the vicinity of Trinidad. • Congestion from Walsenburg south to Trinidad gateway to four corners region via SH 160 is a concern for the region. • Congestion is due in large part to military vehicles that move slowly in right hand lane and reduce I-25 capacity. • CDOT would have to notify FHWA regarding the military causing congestion. • FHWA suggests that Colorado Springs look for ways to address the issue
USFS	<ul style="list-style-type: none"> • There are some campgrounds areas off SH 12 west of I-25 that are in need of repair; but lack funding. • Master Forest Plan for the Comanche National Grasslands (as of March 2007) is out for public review/comment available on Forest Service (FS) website. • Beetle damage to FS land may impact public access to areas.

MOVING COLORADO

Vision for the Future
2035 Statewide Transportation Plan



Summary of Evaluation Forms

Question 1: Was this an effective tool for sharing information between agencies about programs and activities?

Evaluation Form Response: 87% of evaluations said yes, 50% of total attendees

Question 2: Was there sufficient time for conversations?

Evaluation Form Response: 30% of evaluations said yes, 17% of total attendees. A majority of evaluations requested between 5 and 15 minutes more for each conversation

Question 3: Did you feel you were able to effectively communicate with other parties?

Evaluation Form Response: 91% of evaluations said yes, 52% of total attendees

Question 4: Should CDOT host similar events in the future as transportation plans are developed?

Evaluation Form Response: 89% of evaluations said yes, 51% of total attendees

Evaluation return rate: 57%



Acronyms

4P - Project Priority Programming Process
7th Pot - Strategic Investment Program
AADT- Annual Average Daily Traffic
ACHP – Advisory Council on Historic Preservation
ADA - Americans with Disabilities Act
ADT - Average Daily Traffic
AVC - Automatic Vehicle Classification
AVR - Automatic Vehicle Recorder
CAA – Clean Air Act
CAAA – Clean Air Act Amendments
CASTA - Colorado Association of Transit Agencies
CDOT - Colorado Department of Transportation
CDPHE - Colorado Department of Public Health and Environment
CE – Categorical Exclusion
CFR - Code of Federal Regulations
CFR TPR - Central Front Range Transportation Planning Region
CEQ – Council on Environmental Quality
CMAQ - Congestion Mitigation and Air Quality
CO - Carbon Monoxide
COG - Council of Governments
CRS - Colorado Revised Statutes
CWA – Clean Water Act
CZMA – Coastal Zone Management Act
DOI – Department of Interior
DRCOG - Denver Regional Council of Governments
DTD - Division of Transportation Development (CDOT)
DUI - Driving Under the Influence
DUT - Denver Union Terminal
EA - Environmental Assessment
EA TPR - Eastern Transportation Planning Region
EIA - Environmental Impact Assessment
EIS - Environmental Impact Statement
EJ - Environmental Justice
EMT - Executive Management Team (CDOT)
EO – Executive Order
EPA – Environmental Protection Agency

ESA – Endangered Species Act
FAA - Federal Aviation Administration
FHWA - Federal Highway Administration
FONSI – Finding of No Significant Impact
FRA - Federal Rail Administration
FTA - Federal Transit Administration
GIS - Geographic Information System
GJ TPR - Grand Junction Transportation Planning Region
GPS - Global Positioning System
GV MPO – Grand Valley Metropolitan Planning Organization
GV TPR - Gunnison Valley Transportation Planning Region
HOV - High Occupancy Vehicle
HPMS - Highway Performance Monitoring System
HUTF - Highway User’s Tax Fund
IGA - Intergovernmental Agreement
IM TPR - Intermountain Transportation Planning Region
ISTEA - Intermodal Surface Transportation Efficiency Act of 1991
ITS - Intelligent Transportation System
JBC - Joint Budget Committee
LOS - Level of Service
M & O - Maintenance and Operations
MIS - Major Investment Study
MPO - Metropolitan Planning Organization
NAFTA - North American Free Trade Agreement
NEPA - National Environmental Policy Act
NFRT&AQPC - North Front Range Transportation & Air Quality Planning Council
NHS - National Highway System
NMFS – National Marine Fisheries Service
NOI – Notice of Intent
NPS – National Park Service
NW TPR - Northwest Transportation Planning Region
O & D - Origin and Destination Study
OFMB - Office of Financial Management and Budget
OSPB - Office of State Planning and Budget

PACOG - Pueblo Area Council of Governments
PEIS - Programmatic Environmental Impact Statement
PM₁₀ - Particulate Matter of Less than Ten Microns in Diameter
PPACG - Pikes Peak Area Council of Governments
RFP - Request for Proposals
ROD - Record of Decision
ROW - Right of Way
RPC - Regional Planning Commission
RTA - Regional Transportation Authority
RTD - Regional Transit District
RTP - Regional Transportation Plan
SC TPR - South Central Transportation Planning Region
SE TPR - Southeast Transportation Planning Region
SHPO - State Historic Preservation Officer
SIP - State Implementation Plan (Aviation)
SLV TPR - San Luis Valley Transportation Planning Region
SOV - Single Occupancy Vehicle
SSC - State Significant Corridors
STAC - Statewide Transportation Advisory Committee
STIP - Statewide Transportation Improvement Program
STP - Surface Transportation Program
SW TPR - Southwest Transportation Planning Region
TAC - Technical Advisory Committee
TC - Transportation Commission (CDOT)
TDM - Travel Demand Management
TDP - Transit Development Plan
TE - Transit Element of the Regional Transportation Plan
TEA 21 - Transportation Efficiency Act for the 21st Century
TIMS - Transportation Information Management System
TIP - Transportation Improvement Program (MPO)
TMA - Transportation Management Area (MPO)
TOC - Traffic Operations Center
TPR - Transportation Planning Region
TSM - Transportation System Management
UFR TPR - Upper Front Range Transportation Planning Region
USC - United States Code
USDOT - United States Department of Transportation
USFWS - United States Fish and Wildlife Service
VMS - Variable Message Sign
VMT - Vehicle Miles of Travel
VO - Vehicle Occupancy

APPENDIX B: RESOURCES BY CORRIDOR/TPR

Resources: Central Front Range

The following information demonstrates specific resources found in the corresponding corridors for the Central Front Range Transportation Planning Region.

CF-01; 009A (MP 0 – 46.98): Park/Fremont

Reptiles:

Triploid Checkered Whiptail, Midget Faded Rattlesnake

Mammals:

Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Southern Red Belly Dace, Plains Minnow, Flathead Chub, Common Shiner, Brassy Minnow, Arkansas Darter

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

CF-02; 009B (MP 47.58– 63.73): Park

Mammals:

Lynx, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Snowy Plover, Mountain Plover

Amphibians:

Boreal Toad

CF-02; 009C (MP 64.67 – 76.4): Park

Mammals:

Lynx, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Snowy Plover, Mountain Plover

Amphibians:

Boreal Toad

Wildlife Crossings: 1

HAZMAT:

RCRA Conditionally Exempt Small Quantity Generator, LUST

CF-03; 024A (MP 225.57 – 265.33): Park

Mammals:

Lynx, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Snowy Plover, Mountain Plover

Amphibians:

Boreal Toad

HAZMAT:

LUST

Designated HAZMAT Route

CF-04; 024A (MP 265.33 – 282): Park/Teller

Reptiles:

Midget Faded Rattlesnake

Mammals:

Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher

Fish:

Plains Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Snowy Plover, Mountain Plover

Amphibians:

Boreal Toad

HAZMAT:

LUST

Designated HAZMAT Route

CF-05; 024G (MP 335.39– 350.58): El Paso

Reptiles:

Midget Faded Rattlesnake

Mammals:

Preble's Meadow Jumping Mouse, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Southern Red Belly Dace, Flathead Chub, Arkansas Darter,

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

HAZMAT:

RCRA Conditionally Exempt Small Quantity Generator, LUST

CF-06; 050A (MP 225.58 – 278.7): Fremont

Reptiles:

Triploid Checkered Whiptail, Midget Faded Rattlesnake

Mammals:

Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Southern Red Belly Dace, Plains Minnow, Flathead Chub, Common Shiner, Brassy Minnow, Arkansas Darter

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Mountain Plover, Burrowing Owl

Wildlife Crossings: 2

HAZMAT:

CERCLA Site, RCRA Conditionally Exempt Small Quantity Generator, LUST Designated HAZMAT Route

CF-07; 050A (MP 278.7– 296.14): Fremont

Reptiles:

Triploid Checkered Whiptail, Midget Faded Rattlesnake

Mammals:

Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Southern Red Belly Dace, Plains Minnow, Flathead Chub, Common Shiner, Brassy Minnow, Arkansas Darter

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Conditionally Exempt Small Quantity Generator, RCRA Small Generator, LUST Designated HAZMAT Route

CF-08; 067A (MP 0 – 15): Fremont/Custer

Reptiles:

Triploid Checkered Whiptail, Midget Faded Rattlesnake

Mammals:

Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Southern Red Belly Dace, Plains Minnow, Flathead Chub, Common Shiner, Brassy Minnow, Arkansas Darter

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Mountain Plover, Burrowing Owl

CF-08; 067B (MP 11.56– 15): Fremont

Reptiles:

Triploid Checkered Whiptail, Midget Faded Rattlesnake

Mammals:

Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Southern Red Belly Dace, Plains Minnow, Flathead Chub, Common Shiner, Brassy Minnow, Arkansas Darter

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Mountain Plover, Burrowing Owl

HAZMAT:

Corrective Action Site, RCRA Small Generator, LUST

CF-09; 067C (MP 45.56 – 70): Teller

Reptiles:

Midget Faded Rattlesnake

Mammals:

Gunnison Prairie Dog, Townsend Big Eared Bat, Northern Pocket Gopher

Fish:

Plains Minnow

Birds:

Mexican Spotted Owl

HAZMAT:

RCRA Conditionally Exempt Small Quantity Generator, RCRA Large Generator, LUST

CF-10; 067D (MP 82.46 – 87.14): Teller

Reptiles:

Midget Faded Rattlesnake

Mammals:

Gunnison Prairie Dog, Townsend Big Eared Bat, Northern Pocket Gopher

Fish:

Plains Minnow

Birds:

Mexican Spotted Owl

CF-11; 069A (MP 42.16 – 82.88): Fremont/Custer

Reptiles:

Triploid Checkered Whiptail, Midget Faded Rattlesnake

Mammals:

Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Southern Red Belly Dace, Plains Minnow, Flathead Chub, Common Shiner, Brassy Minnow, Arkansas Darter

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Mountain Plover, Burrowing Owl

CF-12; 094A (MP 17.1 – 35.01): El Paso

Reptiles:

Midget Faded Rattlesnake

Mammals:

Preble's Meadow Jumping Mouse, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Southern Red Belly Dace, Flathead Chub, Arkansas Darter,

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

CF-13; 096A (MP 0 – 29.2): Custer

Reptiles:

Midget Faded Rattlesnake

Mammals:

Lynx, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher

Birds:

Mexican Spotted Owl, Ferruginous Hawk

Wildlife Crossings: 1

HAZMAT:

LUST

CF-14; 115A (MP 0 – 13.96): Fremont

Reptiles:

Triploid Checkered Whiptail, Midget Faded Rattlesnake

Mammals:

Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Southern Red Belly Dace, Plains Minnow, Flathead Chub, Common Shiner, Brassy Minnow, Arkansas Darter

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Conditionally Exempt Small Quantity Generator, RCRA Small Generator, LUST,
NPL Area
Designated HAZMAT Route

CF-15; 115A (MP 13.96 – 38.67): Fremont/El Paso

Reptiles:

Triploid Checkered Whiptail, Midget Faded Rattlesnake

Mammals:

Preble's Meadow Jumping Mouse, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Southern Red Belly Dace, Plains Minnow, Flathead Chub, Common Shiner, Brassy Minnow, Arkansas Darter,

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

Wildlife Crossings: 1

HAZMAT:

RCRA Conditionally Exempt Small Quantity Generator, LUST
Designated HAZMAT Route

CF-16; 120A (MP 0 – 7): Fremont

Reptiles:

Triploid Checkered Whiptail, Midget Faded Rattlesnake

Mammals:

Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Southern Red Belly Dace, Plains Minnow, Flathead Chub, Common Shiner, Brassy Minnow, Arkansas Darter

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Small Generator, LUST

CF-17; 165A (MP 0 – 18.76): Custer

Reptiles:

Midget Faded Rattlesnake

Mammals:

Lynx, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher

Birds:

Mexican Spotted Owl, Ferruginous Hawk

CF-18; 285D (MP 162 – 181.97): Park

Mammals:

Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Snowy Plover, Mountain Plover

Amphibians:

Boreal Toad

HAZMAT:

RCRA Conditionally Exempt Small Quantity Generator, LUST Designated HAZMAT Route

CF-19; 285D (MP 221.93 – 228.84): Park

Mammals:

Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Snowy Plover, Mountain Plover

Amphibians:

Boreal Toad

HAZMAT:

LUST Designated HAZMAT Route

CF-20; 285D (MP 181.97 – 221.93): Park

Mammals:

Lynx, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Snowy Plover, Mountain Plover

Amphibians:

Boreal Toad

Wildlife Crossings: 3

HAZMAT:

LUST Designated HAZMAT Route

Resource Management Plans

The following table shows the resource management plans found within the Central Front Range Transportation Planning Region.

Resource Management Plans	Link
Link to SIP, Canon City, Particulate Matter (PM-10) Attainment/Maintenance Plan	https://yosemite.epa.gov/R8/R8Sips.nsf/Colorado?OpenView
Northeast Resource Management Plan (+ Northeast Amendments)	http://www.blm.gov/co/st/en.html
Royal Gorge Resource Management Plan (+ Royal Gorge Amendments)	http://www.blm.gov/co/st/en.html
Land & Resource Management Plan for Pike National Forest, San Isabel National Forest, Cimarron and Comanche National Grasslands.	http://www.fs.fed.us/r2/psicc/projects/forest_plan/forest_plan.shtml#forest_plan
Colorado Preservation 2010. An Update of Colorado Preservation 2005 the Statewide Historic Preservation Plan	http://www.coloradohistory-oahp.org/publications/pubs/1508.pdf
Annual Report 2005	http://www.water.state.co.us/pubs/annualreport/annlrpt_2005.PDF
Conservation Plan for Grassland Species	http://wildlife.state.co.us/WildlifeSpecies/GrasslandSpecies/grasslandsplan.htm
Link to list of various species/multi-species recovery & conservation plans	http://wildlife.state.co.us/WildlifeSpecies/
Colorado's Comprehensive Wildlife Conservation Strategy including References to Wildlife Action Plans	http://wildlife.state.co.us/WildlifeSpecies/
Link to map showing locations of state parks	http://parks.state.co.us/ParksSearch/ParksSearch.htm
Colorado State Parks Five-Year Strategic Plan 2005-2009	http://parks.state.co.us/About/StrategicPlan/
Park search database	http://nps.gov/applications/parksearch/state.cfm
Database of mining operations	http://www.cdphe.state.co.us/hm/sf_sites.htm
List of the six wildlife refuge areas in Colorado and their websites	http://www.fws.gov/refuges/profiles/ByState.cfm?state=CO
List of active solid waste facilities in state, sorted by county (70 municipal, 250 industrial)	http://www.cdphe.state.co.us/hm/flist.pdf
Federal Superfund Sites in Colorado (19 NPL sites - 17 finalized, 2 proposed)	http://www.cdphe.state.co.us/hm/sf_sites.htm
Link to Uranium Mill Tailings Remedial Action (UMTRA) Sites in Colorado. Map & fact sheet for each site.	http://www.cdphe.state.co.us/hm/umsites.htm
Searchable database of hazardous waste handlers (generators, transporters, etc.) (9 commercial, 24 non-commercial TSD facilities)	http://www.epa.gov/enviro/html/rcris/rcris_query_java.html
Linking Colorado's Landscapes	http://restoretherockies.org/linkages.htm

Report to the Public 2004-05

<http://www.cdphe.state.co.us>

Resources: Eastern

The following information demonstrates specific resources found in the corresponding corridors for the Eastern Transportation Planning Region.

EA-01; 086A (MP 23.34 – 59): Elbert

Mammals:

Preble's Meadow Jumping Mouse, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Iowa Darter, Arkansas Darter

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Condition Exempt Small Generator, LUST

EA-02; 086A (MP 12.261 – 23.34): Elbert

Mammals:

Preble's Meadow Jumping Mouse, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Iowa Darter, Arkansas Darter

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Condition Exempt Small Generator, LUST

EA-03; 071C (MP 48.65 – 100.99): Lincoln

Reptiles:

Midget Faded Rattle Snake, Common Garter Snake

Mammals:

Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Arkansas Darter

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Condition Exempt Small Generator, LUST

Designated HAZMAT Route

EA-04; 063A (MP 0 – 56.41): Washington/Logan

Reptiles:

Yellow Mud Turtle, Midget Faded Rattle Snake, Common Garter Snake

Mammals:

River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Plains Minnow, Iowa Darter, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Southwest Willow Flycatcher, Mountain Plover, Burrowing Owl

Wildlife Crossings: 1

HAZMAT:

RCRA Condition Exempt Small Generator, LUST

EA-05; 061A (MP 0 – 40.99): Washington/Logan

Reptiles:

Yellow Mud Turtle, Midget Faded Rattle Snake, Common Garter Snake

Mammals:

River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Plains Minnow, Iowa Darter, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Southwest Willow Flycatcher, Mountain Plover, Burrowing Owl

Wildlife Crossings: 1

HAZMAT:

RCRA Condition Exempt Small Generator, LUST

EA-06; 006J (MP 381 – 467.28): Washington/Logan/Phillips

Reptiles:

Yellow Mud Turtle, Midget Faded Rattle Snake, Common Garter Snake

Mammals:

River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Plains Minnow, Iowa Darter, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Southwest Willow Flycatcher, Mountain Plover, Burrowing Owl

Wildlife Crossings: 1

HAZMAT:

Corrective Action Site, RCRA Condition Exempt Small Generator, RCRA Small Generator, LUST

Designated HAZMAT Route

EA-07; 059A (MP 0 – 67): Washington/Kit Carson/Cheyenne

Reptiles:

Yellow Mud Turtle, Midget Faded Rattle Snake, Common Garter Snake

Mammals:

River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Plains Orange Throated Darter, Plains Minnow, Iowa Darter, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Southwest Willow Flycatcher, Mountain Plover, Burrowing Owl

HAZMAT:

LUST

EA-07; 059B (MP 74.47 – 173.31): Yuma/Phillips/Sedgwick

Reptiles:

Yellow Mud Turtle, Midget Faded Rattle Snake, Common Garter Snake

Mollusks:

Cylindrical Paptershell

Mammals:

River Otter, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Plains Orange Throated Darter, Plains Minnow, Common Shiner, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Southwestern Willow Fly Catcher, Mountain Plover, Burrowing Owl

Wildlife Crossings: 1

HAZMAT:

LUST

EA-08; 040H (MP 446.05 – 486.87): Cheyenne

Reptiles:

Yellow Mud Turtle, Midget Faded Rattle Snake

Mammals:

Black Tail Prairie Dog

Birds:

Long-billed Curlew, Ferruginous Hawk, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Condition Exempt Small Generator, LUST

Designated HAZMAT Route

EA-09; 385B (MP 135 – 149.7): Cheyenne

Reptiles:

Yellow Mud Turtle, Midget Faded Rattle Snake

Mammals:

Black Tail Prairie Dog

Birds:

Long-billed Curlew, Ferruginous Hawk, Mountain Plover, Burrowing Owl

EA-09; 385C (MP 150.31 – 216.86): Yuma/Kit Carson/Cheyenne

Reptiles:

Yellow Mud Turtle, Midget Faded Rattle Snake, Common Garter Snake

Mammals:

Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Plains Orange Throated Darter, Plains Minnow, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Condition Exempt Small Generator, RCRA Small Generator, LUST Designated HAZMAT Route

EA-09; 385D (MP 219.37 – 311): Yuma/Phillips/Sedgwick

Reptiles:

Yellow Mud Turtle, Midget Faded Rattle Snake, Common Garter Snake

Mollusks:

Cylindrical Paptershell

Mammals:

River Otter, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Plains Orange Throated Darter, Plains Minnow, Common Shiner, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Southwestern Willow Fly Catcher, Mountain Plover, Burrowing Owl

Wildlife Crossings: 1

HAZMAT:

Corrective Action Site, RCRA Condition Exempt Small Generator, LUST Designated HAZMAT Route

EA-09; 385E (MP 313.69 – 317.63): Cheyenne

Reptiles:

Yellow Mud Turtle, Midget Faded Rattle Snake, Common Garter Snake

Mollusks:

Cylindrical Papershell

Mammals:

Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Plains Minnow, Common Shiner, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Southwest Willow Fly Catcher, Mountain Plover, Burrowing Owl

HAZMAT:

LUST

EA-10; 287B (MP 122.775 – 133): Cheyenne

Reptiles:

Yellow Mud Turtle, Midget Faded Rattle Snake, Common Garter Snake

Mollusks:

Cylindrical Paptershell

Mammals:

Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Plains Minnow, Common Shiner, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover,
Southwest Willow Fly Catcher, Mountain Plover, Burrowing Owl

HAZMAT:

LUST

EA-10; 040H (MP 386 – 446): Lincoln/Cheyenne

Reptiles:

Midget Faded Rattle Snake, Common Garter Snake

Mammals:

Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Arkansas Darter

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Whooping Crane,
Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Condition Exempt Small Generator, LUST
Designated HAZMAT Route

EA-11; 024G (MP 350.58 – 380.46): Elbert, Lincoln

Reptiles:

Midget Faded Rattle Snake, Common Garter Snake

Mammals:

Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Iowa Darter, Arkansas Darter

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Whooping Crane,
Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Condition Exempt Small Generator, LUST
Designated HAZMAT Route

EA-12; 024B (MP 419.32 – 437): Kit Carson

Reptiles:

Yellow Mud Turtle, Midget Faded Rattle Snake

Mammals:

Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Plains Orange Throated Darter

Birds:

Long-billed Curlew, Ferruginous Hawk, Mountain Plover, Burrowing Owl

HAZMAT:

CERCLA Site, RCRA Condition Exempt Small Generator, LUST

EA-12; 024C (MP 437.55 – 454.87): Kit Carson

Reptiles:

Yellow Mud Turtle, Midget Faded Rattle Snake

Mammals:

Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Plains Orange Throated Darter

Birds:

Long-billed Curlew, Ferruginous Hawk, Mountain Plover, Burrowing Owl

HAZMAT:

LUST

EA-12; 024D (MP 456 – 457.29): Kit Carson

Reptiles:

Yellow Mud Turtle, Midget Faded Rattle Snake

Mammals:

Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Plains Orange Throated Darter

Birds:

Long-billed Curlew, Ferruginous Hawk, Mountain Plover, Burrowing Owl

HAZMAT:

LUST

EA-13; 076A (MP 99.125 – 183.99): Washington/Logan/Sedgwick

Reptiles:

Yellow Mud Turtle, Midget Faded Rattle Snake, Common Garter Snake

Mollusks:

Cylindrical Paptershell

Mammals:

River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Plains Minnow, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Southwest Willow Flycatcher, Mountain Plover, Burrowing Owl

Wildlife Crossings: 2

HAZMAT:

Designated HAZMAT Route

EA-14; 094A (MP 35 – 86): Lincoln/Cheyenne

Reptiles:

Midget Faded Rattle Snake, Common Garter Snake

Mammals:

Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Arkansas Darter

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Whooping Crane, Mountain Plover, Burrowing Owl

Wildlife Crossings: 1

EA-15; 071D (MP 102.03 – 156.076): Lincoln, Washington

Reptiles:

Yellow Mud Turtle, Midget Faded Rattle Snake, Common Garter Snake

Mammals:

Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Arkansas Darter, Plains Minnow, Iowa Darter, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Southwestern Willow Fly Catcher, Mountain Plover, Burrowing Owl

HAZMAT:

LUST

Designated HAZMAT Route

EA-16; 113A (MP 0 – 18.83): Logan

Reptiles:

Yellow Mud Turtle, Midget Faded Rattle Snake

Mammals:

River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Plains Minnow, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Southwest Willow Flycatcher, Mountain Plover, Burrowing Owl

HAZMAT:

Designated HAZMAT Route

EA-17; 138A (MP 0 – 59.82): Logan/Sedgwick

Reptiles:

Yellow Mud Turtle, Midget Faded Rattle Snake, Common Garter Snake

Mollusks:

Cylindrical Paptershell

Mammals:

River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Plains Minnow, Common Shiner, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Southwest Willow Flycatcher, Mountain Plover, Burrowing Owl

Wildlife Crossings: 2

HAZMAT:

RCRA Condition Exempt Small Generator, RCRA Small Generator, LUST
Designated HAZMAT Route

EA-18; 014C (MP 216.84 – 236.92): Logan

Reptiles:

Yellow Mud Turtle, Midget Faded Rattle Snake

Mammals:

River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Plains Minnow, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Southwest Willow Flycatcher, Mountain Plover, Burrowing Owl

HAZMAT:

Corrective Action Site, RCRA Condition Exempt Small Generator, RCRA Small Generator, LUST
Designated HAZMAT Route

EA-19; 023A (MP 0 – 17.84): Phillips/Sedgwick

Reptiles:

Yellow Mud Turtle, Midget Faded Rattle Snake, Common Garter Snake

Mollusks:

Cylindrical Paptershell

Mammals:

River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Plains Minnow, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Southwest Willow Flycatcher, Mountain Plover, Burrowing Owl

EA-20; 070A (MP 332.024 – 449.51): Elbert/Lincoln/Kit Carson

Reptiles:

Yellow Mud Turtle, Midget Faded Rattle Snake, Common Garter Snake

Mammals:

Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Iowa Darter, Plains Orange Throated Darter, Arkansas Darter

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Condition Exempt Small Generator, LUST
Designated HAZMAT Route

EA-21; 034B (MP 180.58 – 259.51): Washington/Yuma

Reptiles:

Yellow Mud Turtle, Midget Faded Rattle Snake, Common Garter Snake

Mammals:

River Otter, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Plains Orange Throated Darter, Plains Minnow, Iowa Darter, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Southwest Willow Fly Catcher, Mountain Plover, Burrowing Owl

Wildlife Crossings: 1

HAZMAT:

RCRA Condition Exempt Small Generator, RCRA Small Generator, LUST
Designated HAZMAT Route

EA-22; 036D (MP 129.571 – 224.72): Washington/Yuma

Reptiles:

Yellow Mud Turtle, Midget Faded Rattle Snake, Common Garter Snake

Mammals:

River Otter, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Plains Orange Throated Darter, Plains Minnow, Iowa Darter, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Southwest Willow Fly Catcher, Mountain Plover, Burrowing Owl

HAZMAT:

Corrective Action Site, RCRA Condition Exempt Small Generator, LUST
Designated HAZMAT Route

Resource Management Plans

The following table shows the resource management plans found within the Eastern Transportation Planning Region.

Resource Management Plans	Link
Northeast Resource Management Plan (+ Northeast Amendments)	http://www.blm.gov/co/st/en.html
Colorado Preservation 2010. An Update of Colorado Preservation 2005 the Statewide Historic Preservation Plan	http://www.coloradohistory-oahp.org/publications/pubs/1508.pdf
Annual Report 2005	http://www.water.state.co.us/pubs/annualreport/annlrpt_2005.PDF
Conservation Plan for Grassland Species	http://wildlife.state.co.us/WildlifeSpecies/GrasslandSpecies/grasslandsplan.htm
Link to list of various species/multi-species recovery & conservation plans	http://wildlife.state.co.us/WildlifeSpecies/
Colorado's Comprehensive Wildlife Conservation Strategy including References to Wildlife Action Plans	http://wildlife.state.co.us/WildlifeSpecies/
Link to map showing locations of state parks	http://parks.state.co.us/ParksSearch/ParksSearch.htm
Colorado State Parks Five-Year Strategic Plan 2005-2009	http://parks.state.co.us/About/StrategicPlan/
Park search database	http://nps.gov/applications/parksearch/state.cfm
Database of mining operations	http://www.cdphe.state.co.us/hm/sf_sites.htm
List of the six wildlife refuge areas in Colorado and their websites	http://www.fws.gov/refuges/profiles/ByState.cfm?state=CO
List of active solid waste facilities in state, sorted by county (70 municipal, 250 industrial)	http://www.cdphe.state.co.us/hm/lflist.pdf
Federal Superfund Sites in Colorado (19 NPL sites - 17 finalized, 2 proposed)	http://www.cdphe.state.co.us/hm/sf_sites.htm
Link to Uranium Mill Tailings Remedial Action (UMTRA) Sites in Colorado. Map & fact sheet for each site.	http://www.cdphe.state.co.us/hm/umsites.htm
Searchable database of hazardous waste handlers (generators, transporters, etc.) (9 commercial, 24 non-commercial TSD facilities)	http://www.epa.gov/enviro/html/rcris/rcris_query_java.html

Linking Colorado's Landscapes	http://restoretherockies.org/linkages.htm
Report to the Public 2004-05	http://www.cdphe.state.co.us

Resources: Grand Valley

The following information demonstrates specific resources found in the corresponding corridors for the Grand Valley Transportation Planning Region.

GJ -01 006A; (MP 11.21 – 20.24): Mesa

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

White Tail Prairie Dog, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Razorback Sucker, Mountain Sucker, Humpback Chub, Flathead Chub, Colorado Pike Minnow, Colorado Round Tail Chub, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover

Amphibians:

Boreal Toad

HAZMAT:

Corrective Action Site, RCRA Condition Exempt Small Generator, Small Generator, LUST

GJ -02 006A; (MP 20.24 – 26): Mesa

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

White Tail Prairie Dog, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Razorback Sucker, Mountain Sucker, Humpback Chub, Flathead Chub, Colorado Pike Minnow, Colorado Round Tail Chub, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover

Amphibians:

Boreal Toad

HAZMAT:

Corrective Action Site, RCRA Condition Exempt Small Generator, Small Generator, LUST

GJ -03 006C; (MP 37.5 – 45.82): Mesa

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

White Tail Prairie Dog, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Razorback Sucker, Mountain Sucker, Humpback Chub, Flathead Chub, Colorado Pike Minnow, Colorado Round Tail Chub, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover

Amphibians:

Boreal Toad

HAZMAT:

Corrective Action Site, RCRA Condition Exempt Small Generator, Small Generator, LUST

GJ -04 006B; (MP 30.27 – 34.38): Mesa

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

White Tail Prairie Dog, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Razorback Sucker, Mountain Sucker, Humpback Chub, Flathead Chub, Colorado Pike Minnow, Colorado Round Tail Chub, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover

Amphibians:

Boreal Toad

HAZMAT:

Corrective Action Site, RCRA Condition Exempt Small Generator, Small Generator, LUST

GJ-05 006M; (MP 65.41 – 66.26): Mesa

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

White Tail Prairie Dog, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Razorback Sucker, Mountain Sucker, Humpback Chub, Flathead Chub, Colorado Pike Minnow, Colorado Round Tail Chub, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover

Amphibians:

Boreal Toad

GJ -06 050A; (MP 32 – 38.74): Mesa

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

White Tail Prairie Dog, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Razorback Sucker, Mountain Sucker, Humpback Chub, Flathead Chub, Colorado Pike Minnow, Colorado Round Tail Chub, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover

Amphibians:

Boreal Toad

HAZMAT:

Corrective Action Site, RCRA Condition Exempt Small Generator, Small Generator, LUST

Designated HAZMAT Route

GJ -07 050A; (MP 38.74 – 70.51): Mesa

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

White Tail Prairie Dog, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Razorback Sucker, Mountain Sucker, Humpback Chub, Flathead Chub, Colorado Pike Minnow, Colorado Round Tail Chub, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover

Amphibians:

Boreal Toad

HAZMAT:

Corrective Action Site, RCRA Condition Exempt Small Generator, Small Generator, LUST

Designated HAZMAT Route

GJ -08 065A; (MP 0 – 61.39): Mesa

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

Lynx, White Tail Prairie Dog, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Razorback Sucker, Mountain Sucker, Humpback Chub, Flathead Chub, Colorado Pike Minnow, Colorado Round Tail Chub, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover

Amphibians:

Boreal Toad

Wildlife Crossings: 1

GJ-09 070A; (MP 0 – 15.08): Mesa

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

White Tail Prairie Dog, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Razorback Sucker, Mountain Sucker, Humpback Chub, Flathead Chub, Colorado Pike Minnow, Colorado Round Tail Chub, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover

Amphibians:

Boreal Toad

HAZMAT:

Designated HAZMAT Route

GJ -10 070A; (MP 15.08 – 43.91): Mesa

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

White Tail Prairie Dog, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Razorback Sucker, Mountain Sucker, Humpback Chub, Flathead Chub, Colorado Pike Minnow, Colorado Round Tail Chub, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover

Amphibians:

Boreal Toad

HAZMAT:

Corrective Action Site, RCRA Condition Exempt Small Generator, Small Generator, LUST

Designated HAZMAT Route

GJ -11 070A; (MP 43.91 – 74): Mesa

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

White Tail Prairie Dog, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Razorback Sucker, Mountain Sucker, Humpback Chub, Flathead Chub, Colorado Pike Minnow, Colorado Round Tail Chub, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover

Amphibians:

Boreal Toad

HAZMAT:

Corrective Action Site, RCRA Condition Exempt Small Generator, Small Generator, LUST

Designated HAZMAT Route

GJ -12 070B; (MP 0 – 5.75): Mesa

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

White Tail Prairie Dog, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Razorback Sucker, Mountain Sucker, Humpback Chub, Flathead Chub, Colorado Pike Minnow, Colorado Round Tail Chub, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover

Amphibians:

Boreal Toad

HAZMAT:

Corrective Action Site, Small Generator, LUST

Designated HAZMAT Route

GJ -13 070B; (MP 5.75 – 13.36): Mesa

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

White Tail Prairie Dog, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Razorback Sucker, Mountain Sucker, Humpback Chub, Flathead Chub, Colorado Pike Minnow, Colorado Round Tail Chub, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover

Amphibians:

Boreal Toad

HAZMAT:

Corrective Action Site, RCRA Condition Exempt Small Generator, Small Generator, LUST

Designated HAZMAT Route

GJ -14 070Z; (MP 0 – 1.27): Mesa

Reptiles:

Midgert Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

White Tail Prairie Dog, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Razorback Sucker, Mountain Sucker, Humpback Chub, Flathead Chub, Colorado Pike Minnow, Colorado Round Tail Chub, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover

Amphibians:

Boreal Toad

HAZMAT:

Corrective Action Site, RCRA Condition Exempt Small Generator, Small Generator, LUST

GJ -15 139A; (MP 0 – 72.7): Mesa

Reptiles:

Midgert Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

Lynx, White Tail Prairie Dog, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Razorback Sucker, Mountain Sucker, Humpback Chub, Flathead Chub, Colorado Pike Minnow, Colorado Round Tail Chub, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover

Amphibians:

Boreal Toad

Wildlife Crossings: 1

HAZMAT:

LUST

Designated HAZMAT Route

GJ -16 141A; (MP 0 – 61.39): Mesa

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

Lynx, White Tail Prairie Dog, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Razorback Sucker, Mountain Sucker, Humpback Chub, Flathead Chub, Colorado Pike Minnow, Colorado Round Tail Chub, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover

Amphibians:

Boreal Toad

Wildlife Crossings: 2

HAZMAT:

Designated HAZMAT Route

GJ -17 141B; (MP 156.75 – 159.44): Mesa

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

White Tail Prairie Dog, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Razorback Sucker, Mountain Sucker, Humpback Chub, Flathead Chub, Colorado Pike Minnow, Colorado Round Tail Chub, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover

Amphibians:

Boreal Toad

HAZMAT:

Corrective Action Site, RCRA Condition Exempt Small Generator, Small Generator, LUST

Designated HAZMAT Route

GJ -18 141B; (MP 159.44 – 162): Mesa

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

White Tail Prairie Dog, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Razorback Sucker, Mountain Sucker, Humpback Chub, Flathead Chub, Colorado Pike Minnow, Colorado Round Tail Chub, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover

Amphibians:

Boreal Toad

HAZMAT:

Corrective Action Site, RCRA Condition Exempt Small Generator
Designated HAZMAT Route

GJ-19 330A; (MP 0 – 11.4): Mesa

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

White Tail Prairie Dog, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat,
Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Razorback Sucker, Mountain Sucker, Humpback Chub, Flathead Chub, Colorado Pike
Minnow, Colorado Round Tail Chub, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover

Amphibians:

Boreal Toad

GJ -20 340A; (MP 0 – 6.92): Mesa

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

White Tail Prairie Dog, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat,
Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Razorback Sucker, Mountain Sucker, Humpback Chub, Flathead Chub, Colorado Pike
Minnow, Colorado Round Tail Chub, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover

Amphibians:

Boreal Toad

HAZMAT:

Corrective Action Site

GJ -21 340A; (MP 6.92 – 13.34): Mesa

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

White Tail Prairie Dog, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat,
Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Razorback Sucker, Mountain Sucker, Humpback Chub, Flathead Chub, Colorado Pike
Minnow, Colorado Round Tail Chub, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain
Plover

Amphibians:

Boreal Toad

HAZMAT:

Corrective Action Site, RCRA Condition Exempt Small Generator, LUST

Resource Management Plans

The following table shows the resource management plans found within the Grand Valley Transportation Planning Region.

Resource Management Plans	Link
Grand Junction Resource Management Plan	http://www.blm.gov/co/st/en.html
North Fruita Desert Management Plan	http://www.blm.gov/co/st/en.html
Colorado Canyons National Conservation Area Resource Management Plan	http://www.blm.gov/co/st/en.html
Glenwood Springs Resource Mgmt Plan (+ Glenwood Springs Amendments)	http://www.blm.gov/co/st/en.html
San Juan/San Miguel Resource Management Plan (+ Amendments)	http://www.blm.gov/co/st/en.html
Uncompahgre Basin Resource Management Plan (+ Amendments)	http://www.blm.gov/co/st/en.html
Forest Plan for Grand Mesa, Uncompahgre & Gunnison National Forests	http://www.fs.fed.us/r2/gmug/policy/plan_rev/draft/index.shtml
Colorado Preservation 2010. An Update of Colorado Preservation 2005 the Statewide Historic Preservation Plan	http://www.coloradohistory-oahp.org/publications/pubs/1508.pdf
Annual Report 2005	http://www.water.state.co.us/pubs/annualreport/annlrpt_2005.PDF
Conservation Plan for Grassland Species	http://wildlife.state.co.us/WildlifeSpecies/GrasslandSpecies/grasslandsplan.htm
Link to list of various species/multi-species recovery & conservation plans	http://wildlife.state.co.us/WildlifeSpecies/
Colorado's Comprehensive Wildlife Conservation Strategy including References to Wildlife Action Plans	http://wildlife.state.co.us/WildlifeSpecies/
Link to map showing locations of state parks	http://parks.state.co.us/ParksSearch/ParksSearch.htm
Colorado State Parks Five-Year Strategic Plan 2005-2009	http://parks.state.co.us/About/StrategicPlan/
Park search database	http://nps.gov/applications/parksearch/state.cfm
Database of mining operations	http://www.cdphe.state.co.us/hm/sf_sites.htm
List of the six wildlife refuge areas in Colorado and their websites	http://www.fws.gov/refuges/profiles/ByState.cfm?state=CO
List of active solid waste facilities in state, sorted by county (70 municipal, 250 industrial)	http://www.cdphe.state.co.us/hm/flist.pdf
Federal Superfund Sites in Colorado (19 NPL sites - 17 finalized, 2 proposed)	http://www.cdphe.state.co.us/hm/sf_sites.htm
Link to Uranium Mill Tailings Remedial Action (UMTRA) Sites in Colorado. Map & fact sheet for each site.	http://www.cdphe.state.co.us/hm/umsites.htm

Searchable database of hazardous waste handlers (generators, transporters, etc.) (9 commercial, 24 non-commercial TSD facilities)	http://www.epa.gov/enviro/html/rcris/rcris_query_java.html
Linking Colorado's Landscapes	http://restoretherockies.org/linkages.htm
Report to the Public 2004-05	http://www.cdphe.state.co.us

Resources: Greater Denver Area

The following information demonstrates specific resources found in the corresponding corridors for the Greater Denver Area Transportation Planning Region.

DR-01; 287C (MP 314.53 – 315.34): Boulder

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell, Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

HAZMAT:

RCRA Conditionally Exempt Small Generator, RCRA Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-01; 157A (MP 0 – 4.53): Boulder

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell, Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

HAZMAT:

Corrective Action Site, RCRA Conditionally Exempt Small Generator, RCRA Small Generator, LUST

Designated HAZMAT Route

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-01; 119B (MP 45.77 – 56): Boulder

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell, Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

HAZMAT:

RCRA Conditionally Exempt Small Generator, RCRA Small Generator, LUST
Designated HAZMAT Route

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-01; 119C (MP 59.089 – 59.475): Boulder

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell, Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

HAZMAT:

RCRA Conditionally Exempt Small Generator

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-01; 042A (MP 0 – 4.876): Boulder

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell, Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

HAZMAT:

RCRA Conditionally Exempt Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-03; 287C (MP 298.119 – 322.499): Boulder/Broomfield

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell, Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

HAZMAT:

Corrective Action Site, RCRA Conditionally Exempt Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-04; 121B (MP 0 – 4.413): Jefferson

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Northern Red Belly Dace, Iowa Darter, Flathead Chub, Common Shiner, Colorado Roundtail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Burrowing Owl

Wildlife Crossings: 1

HAZMAT:

CERCLA SITE, Corrective Action Site, RCRA Conditionally Exempt Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-04; 095A (MP 0 – 14.325): Jefferson/Adams/Denver

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Northern Red Belly Dace, Iowa Darter, Flathead Chub, Common Shiner, Brassy Minnow, Colorado Roundtail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

CERCLA SITE, RCRA Conditionally Exempt Small Generator, RCRA Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-04; 121A (MP 0 – 26.3): Jefferson/Denver/Broomfield

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Northern Red Belly Dace, Iowa Darter, Flathead Chub, Common Shiner, Colorado Roundtail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Conditionally Exempt Small Generator, RCRA Small Generator, State Cleanup List Site, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-04; 391A (MP 0 – 9.51): Jefferson

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Northern Red Belly Dace, Iowa Darter, Flathead Chub, Common Shiner, Colorado Roundtail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Burrowing Owl

HAZMAT:

RCRA Conditionally Exempt Small Generator, RCRA Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-05; 075B (MP 4.343 – 8.524): Jefferson

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Northern Red Belly Dace, Iowa Darter, Flathead Chub, Common Shiner, Colorado Roundtail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Conditionally Exempt Small Generator, RCRA Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-05; 085B (MP 184.684 – 211.123): Denver/Arapahoe/Douglas

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Gunnison Prairie Dog, Wolverine, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Northern Red Belly Dace, Iowa Darter, Flathead Chub, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Wildlife Crossings: 1

HAZMAT:

CERCLA SITE, Corrective Action Site, RCRA Conditionally Exempt Small Generator, RCRA Small Generator, State Cleanup List Site, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-06; 177A (MP 0 – 5.999): Arapahoe/Douglas

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Gunnison Prairie Dog, Wolverine, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Northern Red Belly Dace, Iowa Darter, Flathead Chub, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Conditionally Exempt Small Generator, RCRA Small Generator, State Cleanup List Site, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-07; 265A (MP 0 – 3.621): Adams/Denver

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Black Tail Prairie Dog

Fish:

Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Wildlife Crossings: 1

HAZMAT:

Corrective Action Site, RCRA Conditionally Exempt Small Generator, RCRA Small Generator, LUST, National Priority List Area

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-07; 006H (MP 291.075 – 295.999): Adams/Denver

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Black Tail Prairie Dog

Fish:

Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

Corrective Action Site, RCRA Conditionally Exempt Small Generator, RCRA Small Generator, LUST, National Priority List Area

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-07; 002A (MP 0 – 9.842): Adams/Denver

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Black Tail Prairie Dog

Fish:

Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

Corrective Action Site, RCRA Conditionally Exempt Small Generator, RCRA Small Generator, LUST, National Priority List Area

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-10; 085C (MP 227 – 236.03): Adams

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Black Tail Prairie Dog

Fish:

Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Conditionally Exempt Small Generator, RCRA Small Generator, LUST Designated HAZMAT Route

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-10; 002D (MP 0 – 5): Adams

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Black Tail Prairie Dog

Fish:

Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

Corrective Action Site, RCRA Conditionally Exempt Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-10; 022A (MP 0 – 2.48): Adams

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Black Tail Prairie Dog

Fish:

Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Conditionally Exempt Small Generator, RCRA Large Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-10; 044A (MP 0 – 4.96): Adams

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Black Tail Prairie Dog

Fish:

Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Conditionally Exempt Small Generator, RCRA Small Generator, LUST, National Priority List Area

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-11; 083A (MP 50.77 – 72): Arapahoe/Douglas

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Gunnison Prairie Dog, Wolverine, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Northern Red Belly Dace, Iowa Darter, Flathead Chub, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Conditionally Exempt Small Generator, RCRA Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-13; 287C (MP 294.77 – 298.12): Broomfield/Adams

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

Corrective Action Site, RCRA Conditionally Exempt Small Generator, RCRA Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-13; 040C (MP 296.77 – 311.97): Adams/Denver/Arapahoe

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Wildlife Crossings: 1

HAZMAT:

CERCLA SITE, Corrective Action Site, RCRA Conditionally Exempt Small Generator, RCRA Small Generator, State Cleanup List Site, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-14; 030A (MP 7.84 – 13.36): Denver/Arapahoe

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Iowa Darter, Common Shiner

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

CERCLA Site, RCRA Conditionally Exempt Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-15; 006G (MP 271.6 – 275.65): Jefferson

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Lynx, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Northern Red Belly Dace, Iowa Darter, Flathead Chub, Common Shiner, Colorado Roundtail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Burrowing Owl

HAZMAT:

RCRA Conditionally Exempt Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-16; 285D (MP 257.69 – 263.87): Denver/Arapahoe

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Iowa Darter, Common Shiner

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Wildlife Crossings: 1

HAZMAT:

RCRA Conditionally Exempt Small Generator, RCRA Small Generator, State Cleanup List Site, LUST

Designated HAZMAT Route

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-16; 030A (MP 0 – 3.82): Denver

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Black Tail Prairie Dog

Fish:

Common Shiner

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane

HAZMAT:

RCRA Conditionally Exempt Small Generator, RCRA Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-17; 285D (MP 228.84 – 248.37): Arapahoe

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Iowa Darter, Common Shiner

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Wildlife Crossings: 1

HAZMAT:

RCRA Conditionally Exempt Small Generator, RCRA Small Generator, LUST
Designated HAZMAT Route

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-18; 088B (MP 17 – 21.73): Arapahoe

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Iowa Darter, Common Shiner

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Conditionally Exempt Small Generator, RCRA Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-19; 025A (MP 213.63 – 232.09): Adams

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Black Tail Prairie Dog

Fish:

Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

CERCLA Site, Corrective Action Site, RCRA Conditionally Exempt Small Generator, State Cleanup List Site, LUST, National Priority List Area
Designated HAZMAT Route

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-19; 053A (MP 0 – 1.66): Adams

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Black Tail Prairie Dog

Fish:

Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

Corrective Action Site, RCRA Conditionally Exempt Small Generator, RCRA Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-20; 025A (MP 206.95 – 213.63): Denver

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Black Tail Prairie Dog

Fish:

Common Shiner

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane

Wildlife Crossings: 1

HAZMAT:

RCRA Conditionally Exempt Small Generator, RCRA Small Generator, State Cleanup List Site, LUST, National Priority List Area
Designated HAZMAT Route

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-21; 025A (MP 194.31 – 206.95): Denver/Arapahoe

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Iowa Darter, Common Shiner

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

CERCLA Site, RCRA Conditionally Exempt Small Generator, RCRA Small Generator, LUST

Designated HAZMAT Route

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-22; 025A (MP 163.32 – 194.31): Douglas

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Gunnison Prairie Dog, Wolverine, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Northern Red Belly Dace, Iowa Darter, Flathead Chub, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Wildlife Crossings: 1

HAZMAT:

RCRA Conditionally Exempt Small Generator, RCRA Small Generator, LUST

Designated HAZMAT Route

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-23; 070A (MP 259.76 – 274.06): Jefferson/Denver

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Northern Red Belly Dace, Iowa Darter, Flathead Chub, Common Shiner, Colorado Roundtail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

Corrective Action Site, RCRA Conditionally Exempt Small Generator, RCRA Small Generator, State Cleanup List Site, LUST, National Priority List Area

Designated HAZMAT Route

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-24; 070A (MP 274.06 – 289.18): Adams/Denver

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Black Tail Prairie Dog

Fish:

Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Wildlife Crossings: 1

HAZMAT:

Corrective Action Site, RCRA Conditionally Exempt Small Generator, RCRA Large Generator, RCRA Small Generator, National Priority List Site, State Cleanup List Site, LUST, National Priority List Area

Designated HAZMAT Route

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-25; 002B (MP 11 – 13.35): Adams

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Black Tail Prairie Dog

Fish:

Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Conditionally Exempt Small Generator, RCRA Small Generator, LUST, National Priority List Area

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-25; 002C (MP 12.9 – 19): Adams

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Black Tail Prairie Dog

Fish:

Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Small Generator, LUST, National Priority List Area

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-25; 076A (MP 0 – 25.15): Adams

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Black Tail Prairie Dog

Fish:

Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Conditionally Exempt Small Generator, RCRA Small Generator, LUST, National Priority List Area

Designated HAZMAT Route

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-25; 224A (MP 0 – 3.63): Adams

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Black Tail Prairie Dog

Fish:

Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Whooping Crane, Mountain Plover, Burrowing Owl

Wildlife Crossings: 1

HAZMAT:

RCRA Conditionally Exempt Small Generator, RCRA Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-26; 026B (MP 11.17– 14): Denver

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Black Tail Prairie Dog

Fish:

Common Shiner

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane

HAZMAT:

RCRA Conditionally Exempt Small Generator, RCRA Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-26; 040C (MP 287.89 – 296.77): Jefferson/Denver

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Northern Red Belly Dace, Iowa Darter, Flathead Chub, Common Shiner, Colorado Roundtail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

CERCLA SITE, Corrective Action Site, RCRA Conditionally Exempt Small Generator, RCRA Small Generator, State Cleanup List Site, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-26; 006G (MP 275.65 – 284.48): Jefferson/Denver

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Northern Red Belly Dace, Iowa Darter, Flathead Chub, Common Shiner, Colorado Roundtail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

CERCLA Site, Corrective Action Site, RCRA Conditionally Exempt Small Generator, RCRA Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-27; 036B (MP 37.6– 57): Boulder/Broomfield/Adams/Jefferson

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell, Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Lake Chub, Iowa Darter, Flathead Chub, Common Shiner, Brassy Minnow, Colorado Round Tail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

HAZMAT:

RCRA Conditionally Exempt Small Generator, RCRA Small Generator, LUST Designated HAZMAT Route

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-28; 058A (MP 0 – 5.44): Jefferson

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Northern Red Belly Dace, Iowa Darter, Flathead Chub, Common Shiner, Colorado Roundtail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Burrowing Owl

HAZMAT:

CERCLA SITE, Corrective Action Site, RCRA Conditionally Exempt Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-29; 225A (MP 0 – 12): Adams/Denver/Arapahoe

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Conditionally Exempt Small Generator, RCRA Small Generator, LUST
Designated HAZMAT Route

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-30; 035A (MP 8.55 – 9.57): Denver

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Black Tail Prairie Dog

Fish:

Common Shiner

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane

HAZMAT:

RCRA Conditionally Exempt Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-30; 270A (MP 0 – 5.35): Adams/Denver

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Black Tail Prairie Dog

Fish:

Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Wildlife Crossings: 1

HAZMAT:

RCRA Conditionally Exempt Small Generator, LUST, National Priority List Area Designated HAZMAT Route

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-30; 270B (MP 0 – 1.1): Adams

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Black Tail Prairie Dog

Fish:

Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Conditionally Exempt Small Generator

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-31; 285D (MP 248.37 – 257.69): Jefferson/Denver

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Northern Red Belly Dace, Iowa Darter, Flathead Chub, Common Shiner, Colorado Roundtail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Small Generator, LUST

Designated HAZMAT Route

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-32; 470A (MP 0 – 26): Arapahoe/Douglas/Jefferson

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Northern Red Belly Dace, Iowa Darter, Flathead Chub, Common Shiner, Colorado Roundtail Chub, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Wildlife Crossings: 1

HAZMAT:

Corrective Action Site, RCRA Conditionally Exempt Small Generator, RCRA Small Generator, LUST

Designated HAZMAT Route

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-32; 470W (MP 0 – 1.21): Jefferson

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Northern Red Belly Dace, Iowa Darter, Flathead Chub, Common Shiner, Colorado Roundtail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Burrowing Owl

HAZMAT:

RCRA Conditionally Exempt Small Generator

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-34; 040B (MP 269.44 – 276.75): Jefferson/Clear Creek

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Lynx, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Northern Red Belly Dace, Lake Chub, Iowa Darter, Flathead Chub, Common Shiner, Colorado Roundtail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Burrowing Owl

Amphibians:

Boreal Toad

HAZMAT:

RCRA Small Generator

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-34; 070A (MP 214.01 – 259.76): Jefferson/Clear Creek

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Lynx, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Northern Red Belly Dace, Lake Chub, Iowa Darter, Flathead Chub, Common Shiner, Colorado Roundtail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Burrowing Owl

Amphibians:

Boreal Toad

Wildlife Crossings: 2

HAZMAT:

RCRA Conditionally Exempt Small Generator, LUST

Designated HAZMAT Route

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-34; 040C (MP 279.16 – 284.69): Jefferson

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Northern Red Belly Dace, Iowa Darter, Flathead Chub, Common Shiner, Colorado Roundtail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Burrowing Owl

HAZMAT:

RCRA Conditionally Exempt Small Generator

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-35; 070A (MP 289.18 – 332.02): Arapahoe/Adams

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

LUST

Designated HAZMAT Route

Air Quality:

8 Hour Ozone, Attainment-Maintenance (CO)

DR-35; 036D (MP 89.13 – 129.57): Arapahoe/Adams

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

Corrective Action Site, RCRA Conditionally Exempt Small Generator, LUST Designated HAZMAT Route

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-35; 036C (MP 76.44 – 88.83): Arapahoe/Adams

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-36; 030A (MP 13.36 – 20.41): Arapahoe

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Iowa Darter, Common Shiner

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

National Priority List Site

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-36; 470B (MP 0 – 46.4): Adams/Denver/Arapahoe/Douglas

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Gunnison Prairie Dog, Wolverine, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Northern Red Belly Dace, Iowa Darter, Flathead Chub, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

Corrective Action Site, RCRA Conditionally Exempt Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-37; 470N (MP 46.4 – 54.45): Boulder/Broomfield

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell, Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-39; 103A (MP 0 – 22.48): Clear Creek

Reptiles:

Midget Faded Rattlesnake

Mammals:

Lynx, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher

Fish:

Lake Chub

Birds:

Mexican Spotted Owl, Whooping Crane,

Amphibians:

Boreal Toad

Wildlife Crossings: 3

HAZMAT:

RCRA Conditionally Exempt Small Generator, LUST

DR-39; 036B (MP 13.23 – 20.36): Boulder

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell, Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

HAZMAT:

Corrective Action Site, RCRA Conditionally Exempt Small Generator, LUST

Designated HAZMAT Route

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-39; 119A (MP 0 – 25.75): Boulder/Gilpin

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell, Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Lynx, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

Wildlife Crossings: 2

HAZMAT:

RCRA Conditionally Exempt Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-39; 119A (MP 25.75 – 40.58): Boulder/Gilpin

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell, Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Lynx, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

HAZMAT:

RCRA Conditionally Exempt Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-39; 006F (MP 225.04 – 229.33): Clear Creek

Reptiles:

Midget Faded Rattlesnake

Mammals:

Lynx, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher

Fish:

Lake Chub

Birds:

Mexican Spotted Owl, Whooping Crane,

Amphibians:

Boreal Toad

HAZMAT:

Designated HAZMAT Route

DR-39; 007A (MP 9.74 – 33): Boulder

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell, Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Lynx, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

Wildlife Crossings: 1

HAZMAT:

LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-39; 046A (MP 0 – 6.6): Gilpin

Reptiles:

Midget Faded Rattlesnake

Mammals:

Lynx, Townsend Big Eared Bat, Northern Pocket Gopher

Birds:

Mexican Spotted Owl, Whooping Crane,

Amphibians:

Boreal Toad

HAZMAT:

LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-39; 072A (MP 10.67 – 29.37): Boulder/Gilpin/Jefferson

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell, Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Lynx, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Lake Chub, Iowa Darter, Flathead Chub, Common Shiner, Colorado Roundtail Chub, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

HAZMAT:

LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-39; 074A (MP 8.65 – 17.99): Jefferson

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Lynx, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Northern Red Belly Dace, Iowa Darter, Flathead Chub, Common Shiner, Colorado Roundtail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Burrowing Owl

HAZMAT:

RCRA Conditionally Exempt Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-39; 040A (MP 242.5 – 257.66): Clear Creek

Reptiles:

Midget Faded Rattlesnake

Mammals:

Lynx, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher

Fish:

Lake Chub

Birds:

Mexican Spotted Owl, Whooping Crane,

Amphibians:

Boreal Toad

HAZMAT:

RCRA Conditionally Exempt Small Generator, LUST
Designated HAZMAT Route

DR-39; 005A (MP 0 – 14.89): Clear Creek

Reptiles:

Midget Faded Rattlesnake

Mammals:

Lynx, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher

Fish:

Lake Chub

Birds:

Mexican Spotted Owl, Whooping Crane,

Amphibians:

Boreal Toad

Wildlife Crossings: 1

DR-39; 006G (MP 257.34 – 271.58): Jefferson/Clear Creek

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Lynx, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Northern Red Belly Dace, Lake Chub, Iowa Darter, Flathead Chub, Common Shiner, Colorado Roundtail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Burrowing Owl

Amphibians:

Boreal Toad

Wildlife Crossings: 1

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-39; 072B (MP 32.33 – 54): Boulder

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell, Cylindrical Papershell

Mammals:

Lynx, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

Wildlife Crossings: 1

HAZMAT:

RCRA Conditionally Exempt Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-40; 086A (MP 3.39 – 12.26): Douglas

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Gunnison Prairie Dog, Wolverine, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Northern Red Belly Dace, Iowa Darter, Flathead Chub, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Conditionally Exempt Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-40; 170A (MP 0 – 5.62): Boulder

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell, Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-40; 105B (MP 28.18 – 32.5): Douglas

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Gunnison Prairie Dog, Wolverine, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Northern Red Belly Dace, Iowa Darter, Flathead Chub, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-40; 083A (MP 30.23 – 50.75): Douglas

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Gunnison Prairie Dog, Wolverine, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Northern Red Belly Dace, Iowa Darter, Flathead Chub, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-40; 093A (MP 7.57 – 13.61): Jefferson/Boulder

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell, Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Lake Chub, Iowa Darter, Flathead Chub, Common Shiner, Brassy Minnow, Colorado Roundtail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Reptiles:

Boreal Toad

HAZMAT:

Corrective Action Site, RCRA Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-40; 067E (MP 117.4 – 127.45): Douglas

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Gunnison Prairie Dog, Wolverine, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Northern Red Belly Dace, Iowa Darter, Flathead Chub, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-40; 066B (MP 28.8 – 32.58): Boulder

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell, Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

Wildlife Crossings: 1

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-40; 036B (MP 21.78 – 32.18): Boulder

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell, Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

Wildlife Crossings: 1

HAZMAT:

Corrective Action Site, RCRA Small Generator, LUST Designated HAZMAT Route

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-40; 079A (MP 0 – 1.277): Adams

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Black Tail Prairie Dog

Fish:

Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

Designated HAZMAT Route

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-40; 052A (MP 0 – 7.2): Boulder

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell, Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

HAZMAT:

RCRA Conditionally Exempt Small Generator, RCRA Small Generator
Designated HAZMAT Route

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-41; 093A (MP 13.62 – 18.85): Boulder

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell, Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

HAZMAT:

RCRA Conditionally Exempt Small Generator, RCRA Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-41; 128B (MP 12.2 – 14): Adams

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Black Tail Prairie Dog

Fish:

Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

CERCLA SITE, Corrective Action Site, RCRA Conditionally Exempt Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-41; 036E (MP 0 – 0.28): Boulder

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell, Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

HAZMAT:

RCRA Conditionally Exempt Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-41; 119B (MP 44.24 – 45.76): Boulder

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell, Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

HAZMAT:

RCRA Conditionally Exempt Small Generator, RCRA Small Generator, LUST Designated HAZMAT Route

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-41; 007B (MP 49.51 – 50.64): Boulder

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell, Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

HAZMAT:

RCRA Conditionally Exempt Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-41; 119A (MP 40.59 – 41.89): Boulder

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell, Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

HAZMAT:

Corrective Action Site, RCRA Conditionally Exempt Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-41; 007C (MP 52.49 – 54.27): Boulder

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell, Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

HAZMAT:

RCRA Conditionally Exempt Small Generator, RCRA Large Generator, RCRA Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-41; 007D (MP 76.99 – 78.67): Adams

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Black Tail Prairie Dog

Fish:

Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

Corrective Action Site, RCRA Conditionally Exempt Small Generator, RCRA Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-41; 008A (MP 6.91 – 8.68): Jefferson

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Northern Red Belly Dace, Iowa Darter, Flathead Chub, Common Shiner, Colorado Roundtail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Burrowing Owl

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-41; 088A (MP 0 – 14.74): Denver/Arapahoe

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Iowa Darter, Common Shiner

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Wildlife Crossings: 1

HAZMAT:

RCRA Conditionally Exempt Small Generator, RCRA Small Generator, State Cleanup List Site, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-41; 083A (MP 72.13 – 77.27): Denver/Arapahoe

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Iowa Darter, Common Shiner

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Conditionally Exempt Small Generator, RCRA Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-41; 287C (MP 0 – 3.62): Adams/Denver

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Black Tail Prairie Dog

Fish:

Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-41; 074A (MP 0 – 8.65): Jefferson

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Northern Red Belly Dace, Iowa Darter, Flathead Chub, Common Shiner, Colorado Roundtail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Burrowing Owl

Wildlife Crossings: 1

HAZMAT:

RCRA Conditionally Exempt Small Generator, RCRA Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-41; 072A (MP 0 – 3.61): Jefferson

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Northern Red Belly Dace, Iowa Darter, Flathead Chub, Common Shiner, Colorado Roundtail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Burrowing Owl

HAZMAT:

Corrective Action Site, RCRA Conditionally Exempt Small Generator, RCRA Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-41; 036B (MP 32.16 – 37.6): Boulder

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell, Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

HAZMAT:

RCRA Conditionally Exempt Small Generator, RCRA Small Generator, State Cleanup List Site, LUST

Designated HAZMAT Route

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-41; 036Z (MP 0 – 0.3): Boulder

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell, Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

HAZMAT:

LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-41; 036B (MP 20.36 – 21.75): Boulder

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell, Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

HAZMAT:

Corrective Action Site, LUST

Designated HAZMAT Route

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-41; 170A (MP 5.62 – 6.74): Boulder

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell, Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

HAZMAT:

RCRA Conditionally Exempt Small Generator, RCRA Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-41; 030A (MP 3.83 – 7.84): Arapahoe

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Iowa Darter, Common Shiner

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

CERCLA Site, Corrective Action Site, RCRA Conditionally Exempt Small Generator, RCRA Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-41; 007D (MP 61.88 – 63.09): Boulder

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell, Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

HAZMAT:

RCRA Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-42; 066B (MP 32.59 – 38.92): Boulder

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell, Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

HAZMAT:

RCRA Conditionally Exempt Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-42; 007C (MP 54.27 – 60.68): Boulder

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell, Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

HAZMAT:

RCRA Conditionally Exempt Small Generator, RCRA Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-42; 008A (MP 0 – 6.91): Jefferson

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Northern Red Belly Dace, Iowa Darter, Flathead Chub, Common Shiner, Colorado Roundtail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Burrowing Owl

HAZMAT:

Corrective Action Site, RCRA Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-42; 072A (MP 3.61 – 10.66): Jefferson

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Northern Red Belly Dace, Iowa Darter, Flathead Chub, Common Shiner, Colorado Roundtail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Burrowing Owl

HAZMAT:

Corrective Action Site, RCRA Conditionally Exempt Small Generator, RCRA Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-42; 086A (MP 0.56 – 3.39): Douglas

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Gunnison Prairie Dog, Wolverine, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Northern Red Belly Dace, Iowa Darter, Flathead Chub, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-42; 007D (MP 78.67 – 81.64): Adams

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Black Tail Prairie Dog

Fish:

Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Conditionally Exempt Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-42; 040C (MP 284.69 – 286.7): Jefferson

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Northern Red Belly Dace, Iowa Darter, Flathead Chub, Common Shiner, Colorado Roundtail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Burrowing Owl

HAZMAT:

RCRA Conditionally Exempt Small Generator, RCRA Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-42; 007D (MP 63.02 – 76.98): Boulder/Broomfield/Adams

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell, Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

HAZMAT:

RCRA Small Generator, LUST

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-45; 128A (MP 0 – 8.39): Boulder/Broomfield/Jefferson

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell, Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Lake Chub, Iowa Darter, Flathead Chub, Common Shiner, Colorado Roundtail Chub, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

HAZMAT:

RCRA Conditionally Exempt Small Generator, LUST, National Priority List Area

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

DR-45; 093A (MP 0 – 7.57): Jefferson

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mammals:

Preble's Meadow Jumping Mouse, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Northern Red Belly Dace, Iowa Darter, Flathead Chub, Common Shiner, Colorado Roundtail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Burrowing Owl

Air Quality:

1 Hour Ozone, 8 Hour Ozone, Attainment-Maintenance (CO), Attainment-Maintenance (O3), Attainment-Maintenance (PM10)

Resource Management Plans

The following table shows the resource management plans found within the Greater Denver Area Transportation Planning Region.

Resource Management Plans	Link
Link to Denver-Boulder Carbon Monoxide Attainment/Maintenance Plan	https://yosemite.epa.gov/R8/R8Sips.nsf/Colorado?OpenView
Northeast Resource Management Plan (+ Northeast Amendments)	http://www.blm.gov/co/st/en.html
Land & Resource Management Plan for Arapaho National Forest, Roosevelt National Forest, and Pawnee National Grasslands.	http://www.fs.fed.us/r2/arnf/projects/forest-planning/management-plan/index.shtml
Colorado Preservation 2010. An Update of Colorado Preservation 2005 the Statewide Historic Preservation Plan	http://www.coloradohistory-oahp.org/publications/pubs/1508.pdf
Annual Report 2005	http://www.water.state.co.us/pubs/annualreport/annlrpt_2005.PDF
Conservation Plan for Grassland Species	http://wildlife.state.co.us/WildlifeSpecies/GrasslandSpecies/grasslandsplan.htm
Link to list of various species/multi-species recovery & conservation plans	http://wildlife.state.co.us/WildlifeSpecies/
Colorado's Comprehensive Wildlife Conservation Strategy including References to Wildlife Action Plans	http://wildlife.state.co.us/WildlifeSpecies/
Link to map showing locations of state parks	http://parks.state.co.us/ParksSearch/ParksSearch.htm
Colorado State Parks Five-Year Strategic Plan 2005-2009	http://parks.state.co.us/About/StrategicPlan/
Park search database	http://nps.gov/applications/parksearch/state.cfm
Database of mining operations	http://www.cdphe.state.co.us/hm/sf_sites.htm
List of the six wildlife refuge areas in Colorado and their websites	http://www.fws.gov/refuges/profiles/ByState.cfm?state=CO
List of active solid waste facilities in state, sorted by county (70 municipal, 250 industrial)	http://www.cdphe.state.co.us/hm/lflist.pdf
Federal Superfund Sites in Colorado (19 NPL sites - 17 finalized, 2 proposed)	http://www.cdphe.state.co.us/hm/sf_sites.htm

Link to Uranium Mill Tailings Remedial Action (UMTRA) Sites in Colorado. Map & fact sheet for each site.	http://www.cdphe.state.co.us/hm/umsites.htm
Searchable database of hazardous waste handlers (generators, transporters, etc.) (9 commercial, 24 non-commercial TSD facilities)	http://www.epa.gov/enviro/html/rcris/rcris_query_java.html
Linking Colorado's Landscapes	http://restoretherockies.org/linkages.htm
Report to the Public 2004-05	http://www.cdphe.state.co.us

Resources: Gunnison Valley

The following information demonstrates specific resources found in the corresponding corridors for the Gunnison Valley Transportation Planning Region

GV-01; 050A (MP 52.95 – 92.8): Delta/Montrose

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

White Tail Prairie Dog, Lynx, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher

Fish:

Razorback Sucker, Colorado Pike Minnow, Colorado Round Tail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover

Amphibians:

Boreal Toad

Wildlife Crossings: 2

HAZMAT:

Corrective Action Site, RCRA Condition Exempt Small Generator, RCRA Large Generator, RCRA Small Generator, LUST
Designated HAZMAT Route

GV-02; 050A (MP 92.8 – 199.285): Montrose/Gunnison

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

Lynx, White Tail Prairie Dog, Lynx, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher

Fish:

Colorado Round Tail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover

Amphibians:

Boreal Toad

Wildlife Crossings: 6

HAZMAT:

RCRA Condition Exempt Small Generator, RCRA Small Generator, LUST
Designated HAZMAT Route

GV-03; 062A (MP 0 – 23.41): San Miguel/Ouray

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

Lynx, White Tail Prairie Dog, Lynx, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher

Fish:

Colorado Round Tail Chub

Birds:

Mexican Spotted Owl, Ferruginous Hawk, Yellow Billed Cuckoo, Southwest Willow Fly Catcher,

Amphibians:

Boreal Toad

Wildlife Crossings: 1

GV-04; 065A (MP 0 – 29.96): Delta

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

Lynx, White Tail Prairie Dog, Lynx, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher

Fish:

Razorback Sucker, Colorado Pike Minnow, Colorado Round Tail Chub

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover

Amphibians:

Boreal Toad

Wildlife Crossings: 5

HAZMAT:

LUST

GV-05; 090A (MP 0 – 33.87): Montrose

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

White Tail Prairie Dog, Lynx, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher

Fish:

Colorado Round Tail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover

Amphibians:

Boreal Toad

HAZMAT:

RCRA Condition Exempt Small Generator, LUST

GV-05; 090B (MP 82 – 89.86): Montrose

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

White Tail Prairie Dog, Lynx, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher

Fish:

Colorado Round Tail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover

Amphibians:

Boreal Toad

HAZMAT:

LUST

GV-06; 092A (MP 0 – 21): Delta

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

White Tail Prairie Dog, Lynx, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher

Fish:

Razorback Sucker, Colorado Pike Minnow, Colorado Round Tail Chub

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover

Amphibians:

Boreal Toad

Wildlife Crossings: 1

HAZMAT:

RCRA Condition Exempt Small Generator, RCRA Small Generator, LUST

GV-07; 092A (MP 21 – 73.3): Delta/Montrose/Gunnison

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

Lynx, White Tail Prairie Dog, Lynx, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher

Fish:

Razorback Sucker, Colorado Pike Minnow, Colorado Round Tail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Mountain Plover

Amphibians:

Boreal Toad

Wildlife Crossings: 3

HAZMAT:

LUST

GV-08; 097A (MP 0 – 4.58): Montrose

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

White Tail Prairie Dog, Lynx, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher

Fish:

Colorado Round Tail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover

Amphibians:

Boreal Toad

HAZMAT:

RCRA Condition Exempt Small Generator, RCRA Small Generator, LUST

GV-09; 114A (MP 0 – 61.7): Gunnison

Mammals:

Lynx, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover

Amphibians:

Boreal Toad

GV-10; 133A (MP 0 – 46.456): Delta/Gunnison

Reptiles:

Long Nosed Leopard Lizard

Mammals:

Lynx, White Tail Prairie Dog, Lynx, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher

Fish:

Razorback Sucker, Colorado Pike Minnow, Colorado Roundtail Chub

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover

Amphibians:

Boreal Toad

Wildlife Crossings: 1

HAZMAT:

LUST

GV-11; 135A (MP 0 – 27.48): Gunnison

Mammals:

Lynx, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover

Reptiles:

Boreal Toad

Wildlife Crossings: 1

HAZMAT:

RCRA Condition Exempt Small Generator, LUST

GV-12; 141A (MP 7.349 – 95.8): San Miguel/Montrose

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

White Tail Prairie Dog, Lynx, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher

Fish:

Colorado Round Tail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover

Amphibians:

Boreal Toad

Wildlife Crossings: 2

HAZMAT:

RCRA Condition Exempt Small Generator, LUST, NPL – Uravan Uranium Project Designated HAZMAT Route

GV-13; 145A (MP 59.451 – 116.88): San Miguel/Montrose

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

Lynx, White Tail Prairie Dog, Lynx, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher

Fish:

Colorado Round Tail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover

Amphibians:

Boreal Toad

Wildlife Crossings: 3

HAZMAT:

RCRA Condition Exempt Small Generator, LUST

GV-14; 149A (MP 42.17 – 117.52): Hinsdale/Gunnison

Mammals:

Lynx, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover,
Southwest Willow Fly Catcher

Amphibians:

Boreal Toad

Wildlife Crossings: 3

HAZMAT:

LUST

GV-15; 187A (MP 0 – 0.69): Delta

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

White Tail Prairie Dog, Lynx, Wolverine, Townsend Big Eared Bat, River Otter,
Northern Pocket Gopher

Fish:

Razorback Sucker, Colorado Pike Minnow, Colorado Round Tail Chub

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain
Plover

Amphibians:

Boreal Toad

HAZMAT:

LUST

GV-16; 347A (MP 0 – 4.99): Montrose

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

White Tail Prairie Dog, Lynx, Gunnison Prairie Dog, Wolverine, Townsend Big Eared
Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher

Fish:

Colorado Round Tail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo,
Snowy Plover

Amphibians:

Boreal Toad

GV-17; 348A (MP 0 – 17): Delta/Montrose

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

White Tail Prairie Dog, Lynx, Gunnison Prairie Dog, Wolverine, Townsend Big Eared
Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher

Fish:

Razorback Sucker, Colorado Pike Minnow, Colorado Round Tail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover

Amphibians:

Boreal Toad

HAZMAT:

LUST

GV-18; 550B (MP 80.179 – 129.26): Ouray/Montrose

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

Lynx, White Tail Prairie Dog, Lynx, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher

Fish:

Colorado Round Tail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover

Amphibians:

Boreal Toad

Wildlife Crossings: 2

HAZMAT:

RCRA Condition Exempt Small Generator, LUST

Resource Management Plans

The following table shows the resource management plans found within the Gunnison Valley Transportation Planning Region.

Resource Management Plans	Link
Proposed Gunnison Resource Management Plan (+ Gunnison Amendments)	http://www.blm.gov/co/st/en.html
Sagegrouse Conservation Plan	http://www.blm.gov/co/st/en.html
San Juan/San Miguel Resource Management Plan (+ Amendments)	http://www.blm.gov/co/st/en.html
Uncompahgre Basin Resource Management Plan (+ Amendments)	http://www.blm.gov/co/st/en.html
Forest Plan for Grand Mesa, Uncompahgre & Gunnison National Forests	http://www.fs.fed.us/r2/gmug/policy/plan_rev/draft/index.shtml
Colorado Preservation 2010. An Update of Colorado Preservation 2005 the Statewide Historic Preservation Plan	http://www.coloradohistory-oahp.org/publications/pubs/1508.pdf
Annual Report 2005	http://www.water.state.co.us/pubs/annualreport/annlrpt_2005.PDF
Conservation Plan for Grassland Species	http://wildlife.state.co.us/WildlifeSpecies/GrasslandSpecies/grasslandsplan.htm
Link to list of various species/multi-species recovery & conservation plans	http://wildlife.state.co.us/WildlifeSpecies/
Colorado's Comprehensive Wildlife Conservation Strategy including References to Wildlife Action Plans	http://wildlife.state.co.us/WildlifeSpecies/
Link to map showing locations of state parks	http://parks.state.co.us/ParksSearch/ParksSearch.htm
Colorado State Parks Five-Year Strategic Plan 2005-2009	http://parks.state.co.us/About/StrategicPlan/
Park search database	http://nps.gov/applications/parksearch/state.cfm
Database of mining operations	http://www.cdphe.state.co.us/hm/sf_sites.htm
List of the six wildlife refuge areas in Colorado and their websites	http://www.fws.gov/refuges/profiles/ByState.cfm?state=CO
List of active solid waste facilities in state, sorted by county (70 municipal, 250 industrial)	http://www.cdphe.state.co.us/hm/flist.pdf
Federal Superfund Sites in Colorado (19 NPL sites - 17 finalized, 2 proposed)	http://www.cdphe.state.co.us/hm/sf_sites.htm
Link to Uranium Mill Tailings Remedial Action (UMTRA) Sites in Colorado. Map & fact sheet for each site.	http://www.cdphe.state.co.us/hm/umsites.htm
Searchable database of hazardous waste handlers (generators, transporters, etc.) (9 commercial, 24 non-commercial TSD facilities)	http://www.epa.gov/enviro/html/rcris/rcris_query_java.html
Linking Colorado's Landscapes	http://restoretherockies.org/linkages.htm
Report to the Public 2004-05	http://www.cdphe.state.co.us

Resources: Intermountain

The following information demonstrates specific resources found in the corresponding corridors for the Intermountain Transportation Planning Region

IM-01; 070A (MP 116 – 214): Summit/Eagle/Garfield

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

Lynx, White Tail Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher

Fish:

Mountain Sucker, Colorado Round Tail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo

Reptiles:

Boreal Toad

Wildlife Crossings: 4

HAZMAT:

RCRA Condition Exempt Small Generator, RCRA Small Generator, LUST Designated HAZMAT Route

IM-01; 006E (MP 142.001 – 174.541): Eagle

Reptiles:

Midget Faded Rattle Snake

Mammals:

White Tail Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher

Fish:

Colorado Roundtail Chub

Birds:

Ferruginous Hawk

Reptiles:

Boreal Toad

Wildlife Crossings: 2

HAZMAT:

RCRA Condition Exempt Small Generator, RCRA Small Generator, LUST

IM-01; 006F (MP 208.659 – 229.328): Summit

Mammals:

Lynx, Wolverine, River Otter, Northern Pocket Gopher

Birds:

Mexican Spotted Owl

Reptiles:

Boreal Toad

Wildlife Crossings: 1

HAZMAT:

RCRA Condition Exempt Small Generator, State Cleanup List Site, LUST
Designated HAZMAT Route

IM-02; 070A (MP 65.428 – 116): Garfield

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

White Tail Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern
Pocket Gopher

Fish:

Mountain Sucker, Colorado Round Tail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo

Reptiles:

Boreal Toad

Wildlife Crossings: 1

HAZMAT:

CERCLA Site, Corrective Action Site, RCRA Condition Exempt Small Generator, LUST
Designated HAZMAT Route

IM-02; 006M (MP 65.411 – 75.393): Garfield

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

White Tail Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern
Pocket Gopher

Fish:

Mountain Sucker, Colorado Round Tail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo

Reptiles:

Boreal Toad

HAZMAT:

LUST

IM-02; 006L (MP 88.609 – 90.999): Garfield

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

White Tail Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern
Pocket Gopher

Fish:

Mountain Sucker, Colorado Round Tail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo

Reptiles:

Boreal Toad

IM-02; 006D (MP 92.001 – 110.799): Garfield

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

White Tail Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher

Fish:

Mountain Sucker, Colorado Round Tail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo

Reptiles:

Boreal Toad

HAZMAT:

Conditionally Exempt Small Generator, RCRA Small Generator, LUST

IM-03; 009C (MP 76.396 – 86): Summit

Mammals:

Lynx, Wolverine, River Otter, Northern Pocket Gopher

Birds:

Mexican Spotted Owl

Reptiles:

Boreal Toad

HAZMAT:

LUST

IM-04; 009C (MP 86 – 97): Summit

Mammals:

Lynx, Wolverine, River Otter, Northern Pocket Gopher

Birds:

Mexican Spotted Owl

Reptiles:

Boreal Toad

HAZMAT:

RCRA Condition Exempt Small Generator, RCRA Small Generator, LUST

IM-05; 009D (MP 101.56 – 127.43): Summit

Mammals:

Lynx, Wolverine, River Otter, Northern Pocket Gopher

Birds:

Mexican Spotted Owl

Reptiles:

Boreal Toad

Wildlife Crossings: 1

HAZMAT:

RCRA Condition Exempt Small Generator, LUST
Designated HAZMAT Route

IM-06; 013A (MP 0 – 16.909): Garfield

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

White Tail Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern
Pocket Gopher

Fish:

Mountain Sucker, Colorado Round Tail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo

Reptiles:

Boreal Toad

HAZMAT:

RCRA Condition Exempt Small Generator, RCRA Small Generator, LUST
Designated HAZMAT Route

IM-07; 024A (MP 143.4 – 177): Lake/Eagle

Reptiles:

Midget Faded Rattle Snake

Mammals:

Lynx, White Tail Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter,
Northern Pocket Gopher

Fish:

Colorado Round Tail Chub

Birds:

Ferruginous Hawk

Reptiles:

Boreal Toad

Wildlife Crossings: 3

HAZMAT:

CERCLA Site, RCRA Condition Exempt Small Generator, RCRA Small Generator,
LUST, National Priority List Area – California Gulch
Designated HAZMAT Route

IM-08; 024A (MP 177 – 192.735): Lake

Reptiles:

Midget Faded Rattle Snake

Mammals:

Lynx, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher

Birds:

Ferruginous Hawk

Reptiles:

Boreal Toad

HAZMAT:

LUST, National Priority List Area – California Gulch
Designated HAZMAT Route

IM-09; 082A (MP 0 – 40): Garfield/Eagle/Pitkin

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

White Tail Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern
Pocket Gopher

Fish:

Mountain Sucker, Colorado Round Tail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo

Reptiles:

Boreal Toad

Wildlife Crossings: 1

Air Quality:

Non-Attainment (PM10)

HAZMAT:

CERCLA Site, RCRA Condition Exempt Small Generator, RCRA Small Generator,
LUST

IM-10; 082A (MP 40 – 85.29): Pitkin/Lake

Reptiles:

Midget Faded Rattle Snake

Mammals:

Lynx, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher

Birds:

Mexican Spotted Owl, Long Billed Curlew, Ferruginous Hawk

Reptiles:

Boreal Toad

Wildlife Crossings: 1

Air Quality:

Non-Attainment (PM10)

HAZMAT:

RCRA Condition Exempt Small Generator, RCRA Small Generator, State Cleanup List
Site, LUST

IM-11; 091A (MP 0 – 22.58): Summit/Lake

Reptiles:

Midget Faded Rattle Snake

Mammals:

Lynx, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher

Birds:

Mexican Spotted Owl, Ferruginous Hawk

Reptiles:

Boreal Toad

Wildlife Crossings: 1

HAZMAT:

CERCLA Site, RCRA Large Generator, LUST, National Priority List Area – California Gulch

Designated HAZMAT Route

IM-12; 131A (MP 0 – 0.29): Eagle

Reptiles:

Midget Faded Rattle Snake

Mammals:

White Tail Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher

Fish:

Colorado Roundtail Chub

Birds:

Ferruginous Hawk

Reptiles:

Boreal Toad

HAZMAT:

LUST

IM-12; 131B (MP 0.05 – 21.411): Eagle

Reptiles:

Midget Faded Rattle Snake

Mammals:

White Tail Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher

Fish:

Colorado Roundtail Chub

Birds:

Ferruginous Hawk

Reptiles:

Boreal Toad

HAZMAT:

RCRA Condition Exempt Small Generator, LUST

IM-13; 133A (MP 46.456 – 68.82): Pitkin/Garfield

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

Lynx, White Tail Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher

Fish:

Mountain Sucker, Colorado Round Tail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo

Reptiles:

Boreal Toad

Wildlife Crossings: 1

HAZMAT:

CERCLA Site, Corrective Action Site, RCRA Condition Exempt Small Generator, RCRA Small Generator, LUST

IM-14; 139A (MP 13.597 – 39.301): Garfield

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

White Tail Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher

Fish:

Mountain Sucker, Colorado Round Tail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo

Reptiles:

Boreal Toad

HAZMAT:

Designated HAZMAT Route

IM-15; 300A (MP 0 – 3.36): Lake

Reptiles:

Midget Faded Rattle Snake

Mammals:

Lynx, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher

Birds:

Ferruginous Hawk

Reptiles:

Boreal Toad

HAZMAT:

LUST, National Priority List Area – California Gulch

IM-16; 325A (): Garfield

Reptiles:

Midget Faded Rattle Snake, Longnose Leopard Lizard

Mammals:

White Tail Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher

Fish:

Mountain Sucker, Colorado Round Tail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo

Reptiles:

Boreal Toad

IM-XX; 006F (MP 208.659 – 229.328): Summit

Mammals:

Lynx, Wolverine, River Otter, Northern Pocket Gopher

Birds:

Mexican Spotted Owl

Reptiles:

Boreal Toad

HAZMAT:

State Cleanup List Site, LUST

Designated HAZMAT Route

Resource Management Plans

The following table shows the resource management plans found within the Intermountain Transportation Planning Region.

Resource Management Plans	Link
Link to State Implementation Plan (SIP), Aspen, Particulate Matter (PM-10) Attainment/Maintenance Plan	https://yosemite.epa.gov/R8/R8Sips.nsf/Colorado?OpenView
White River Resource Management Plan (+ Amendments)	http://www.blm.gov/co/st/en.html
Glenwood Springs Resource Mgmt Plan (+ Glenwood Springs Amendments)	http://www.blm.gov/co/st/en.html
Travel Mgmt Plan	http://www.blm.gov/co/st/en.html
Forest Plan and Amendments for White River National Forest	http://www.fs.fed.us/r2/whiteriver/projects/forest_plan/index.shtml
Colorado Preservation 2010. An Update of Colorado Preservation 2005 the Statewide Historic Preservation Plan	http://www.coloradohistory-oahp.org/publications/pubs/1508.pdf
Annual Report 2005	http://www.water.state.co.us/pubs/annualreport/annlrpt_2005.PDF
Conservation Plan for Grassland Species	http://wildlife.state.co.us/WildlifeSpecies/GrasslandSpecies/grasslandsplan.htm
Link to list of various species/multi-species recovery & conservation plans	http://wildlife.state.co.us/WildlifeSpecies/
Colorado's Comprehensive Wildlife Conservation Strategy including References to Wildlife Action Plans	http://wildlife.state.co.us/WildlifeSpecies/
Link to map showing locations of state parks	http://parks.state.co.us/ParksSearch/ParksSearch.htm
Colorado State Parks Five-Year Strategic Plan 2005-2009	http://parks.state.co.us/About/StrategicPlan/
Park search database	http://nps.gov/applications/parksearch/state.cfm
Database of mining operations	http://www.cdphe.state.co.us/hm/sf_sites.htm
List of the six wildlife refuge areas in Colorado and their websites	http://www.fws.gov/refuges/profiles/ByState.cfm?state=CO
List of active solid waste facilities in state, sorted by county (70 municipal, 250 industrial)	http://www.cdphe.state.co.us/hm/lflist.pdf
Federal Superfund Sites in Colorado (19 NPL sites - 17 finalized, 2 proposed)	http://www.cdphe.state.co.us/hm/sf_sites.htm
Link to Uranium Mill Tailings Remedial Action (UMTRA) Sites in Colorado. Map & fact sheet for each site.	http://www.cdphe.state.co.us/hm/umsites.htm
Searchable database of hazardous waste handlers (generators, transporters, etc.) (9 commercial, 24 non-commercial TSD facilities)	http://www.epa.gov/enviro/html/rcris/rcris_query_java.html
Linking Colorado's Landscapes	http://restoretherockies.org/linkages.htm
Report to the Public 2004-05	http://www.cdphe.state.co.us

Resources: North Front Range

The following information demonstrates specific resources found in the corresponding corridors for the North Front Range Transportation Planning Region.

NF-01; 287C (MP 326.96 – 355.85): Larimer

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell

Mammals:

Preble's Meadow Jumping Mouse, White Tail Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Plains Minnow, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

Wildlife Crossings: 1

HAZMAT:

CERCLA Site, Corrective Action Site, RCRA Conditionally Exempt Small Generator, RCRA Small Generator, State Cleanup List Site, LUST

Air Quality:

8 Hour Ozone, Attainment-Maintenance (CO), Non-Attainment (CO)

NF-01; 287C (MP 322.5 – 325.56): Larimer

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell

Mammals:

Preble's Meadow Jumping Mouse, White Tail Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Plains Minnow, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

Air Quality:

8 Hour Ozone, Attainment-Maintenance (CO)

NF-02; 001A (MP 0 – 9.96): Larimer

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell

Mammals:

Preble's Meadow Jumping Mouse, White Tail Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Plains Minnow, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

Air Quality:

8 Hour Ozone, Attainment-Maintenance (CO), Non-Attainment (CO)

NF-03; 025A (MP 247.215 – 269.37): Larimer/Weld

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell, Cylindrical Paptershell

Mammals:

Preble's Meadow Jumping Mouse, White Tail Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Plains Minnow, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

Wildlife Crossings: 1

HAZMAT:

LUST

Designated HAZMAT Route

Air Quality:

8 Hour Ozone, Attainment-Maintenance (CO), Non-Attainment (CO)

NF-04; 025A (MP 269.37 – 274.543): Larimer

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell

Mammals:

Preble's Meadow Jumping Mouse, White Tail Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Plains Minnow, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

Wildlife Crossings: 1

HAZMAT:

RCRA Conditionally Exempt Small Quantity Generator, RCRA Small Generator, LUST Designated HAZMAT Route

Air Quality:

8 Hour Ozone, Attainment-Maintenance (CO), Non-Attainment (CO)

NF-05; 257A (MP 11.58 – 18.49): Weld

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Paptershell

Mammals:

Preble's Meadow Jumping Mouse, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Conditionally Exempt Small Generator, LUST

Air Quality:

8 Hour Ozone

NF-05; 257A (MP 0 – 10.58): Weld

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Paptershell

Mammals:

Preble's Meadow Jumping Mouse, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

Wildlife Crossings: 1

Air Quality:

8 Hour Ozone

NF-06; 060B (MP 14.87 – 20): Weld

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Paptershell

Mammals:

Preble's Meadow Jumping Mouse, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Conditionally Exempt Small Generator

Air Quality:

8 Hour Ozone

NF-07; 085G (MP 0 – 1.63): Weld

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Paptershell

Mammals:

Preble's Meadow Jumping Mouse, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Conditionally Exempt Small Generator, LUST

Air Quality:

8 Hour Ozone, Attainment-Maintenance (CO)

NF-07; 085C (MP 227 – 279.84): Weld

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Paptershell

Mammals:

Preble's Meadow Jumping Mouse, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Conditionally Exempt Small Generator, LUST
Designated HAZMAT Route

Air Quality:

8 Hour Ozone, Attainment-Maintenance (CO)

NF-07; 085H (MP 0 – 1.99): Weld

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Paptershell

Mammals:

Preble's Meadow Jumping Mouse, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Small Generator, LUST

Air Quality:

8 Hour Ozone, Attainment-Maintenance (CO)

NF-07; 034D (MP 10.19 – 11.06): Weld

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Paptershell

Mammals:

Preble's Meadow Jumping Mouse, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

Corrective Action Site, RCRA Conditionally Exempt Small Generator, RCRA Small Generator

Air Quality:

8 Hour Ozone, Attainment-Maintenance (CO)

NF-07; 256A (MP 0 – 3): Weld

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Paptershell

Mammals:

Preble's Meadow Jumping Mouse, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

Air Quality:

8 Hour Ozone

NF-08; 014C (MP 134.73 – 139.03): Larimer

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell

Mammals:

Preble's Meadow Jumping Mouse, White Tail Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Plains Minnow, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

HAZMAT:

RCRA Conditionally Exempt Small Quantity Generator, RCRA Small Generator, LUST Designated HAZMAT Route

Air Quality:

8 Hour Ozone, Attainment-Maintenance (CO), Non-Attainment (CO)

NF-09; 014C (MP 139.03 – 141.193): Larimer/Weld

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell, Cylindrical Paptershell

Mammals:

Preble's Meadow Jumping Mouse, White Tail Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Plains Minnow, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

HAZMAT:

LUST

Designated HAZMAT Route

Air Quality:

8 Hour Ozone, Attainment-Maintenance (CO), Non-Attainment (CO)

NF-11; 392A (MP 0 – 4.46): Larimer/Weld

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell, Cylindrical Paptershell

Mammals:

Preble's Meadow Jumping Mouse, White Tail Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Plains Minnow, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

HAZMAT:

RCRA Conditionally Exempt Small Generator, LUST

Air Quality:

8 Hour Ozone

NF-11; 257A (MP 10.58 – 11.58): Weld

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Paptershell

Mammals:

Preble's Meadow Jumping Mouse, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

Air Quality:

8 Hour Ozone

NF-11; 392B (MP 5.413 – 15.44): Larimer/Weld

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell, Cylindrical Paptershell

Mammals:

Preble's Meadow Jumping Mouse, White Tail Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Plains Minnow, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

Wildlife Crossings: 1

HAZMAT:

Corrective Action Site, LUST

Air Quality:

8 Hour Ozone

NF-12; 034A (MP 57.85 – 88): Larimer

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell

Mammals:

Preble's Meadow Jumping Mouse, White Tail Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Plains Minnow, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

Wildlife Crossings: 2

HAZMAT:

Designated HAZMAT Route

Air Quality:

8 Hour Ozone

NF-13; 034D (MP 0 – 10.19): Weld

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Paptershell

Mammals:

Preble's Meadow Jumping Mouse, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Conditionally Exempt Small Generator, LUST

Air Quality:

8 Hour Ozone, Attainment-Maintenance (CO)

NF-13; 263A (MP 0 – 1.7): Weld

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Paptershell

Mammals:

Preble's Meadow Jumping Mouse, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Conditionally Exempt Small Generator, LUST

Air Quality:

8 Hour Ozone, Attainment-Maintenance (CO)

NF-13; 034A (MP 88 – 113.08): Larimer/Weld

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell, Cylindrical Paptershell

Mammals:

Preble's Meadow Jumping Mouse, White Tail Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Plains Minnow, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

HAZMAT:

Corrective Action Site, RCRA Conditionally Exempt Small Generator, RCRA Small Generator, LUST

Designated HAZMAT Route

Air Quality:

8 Hour Ozone, Attainment-Maintenance (CO)

NF-13; 402A (MP 0 – 4): Larimer

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell

Mammals:

Preble's Meadow Jumping Mouse, White Tail Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Plains Minnow, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

HAZMAT:

RCRA Conditionally Exempt Small Generator, LUST

Air Quality:

8 Hour Ozone

NF-14; 034A (MP 113.08 – 149.63): Weld

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

Designated HAZMAT Route

Air Quality:

8 Hour Ozone

NF-15; 060B (MP 6 – 14.87): Weld

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

CERCLA Site, Corrective Action Site, LUST

Air Quality:

8 Hour Ozone

NF-15; 056A (MP 0.56 – 3): Larimer

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell

Mammals:

Preble's Meadow Jumping Mouse, White Tail Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Plains Minnow, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

Air Quality:

8 Hour Ozone

NF-15; 056B (MP 4.49 – 9.47): Larimer/Weld

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell, Cylindrical Papershell

Mammals:

Preble's Meadow Jumping Mouse, White Tail Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Plains Minnow, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

HAZMAT:

RCRA Conditionally Exempt Small Generator, LUST

Air Quality:

8 Hour Ozone

NF-15; 287C (MP 325.56 – 326.96): Larimer

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell

Mammals:

Preble's Meadow Jumping Mouse, White Tail Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Plains Minnow, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

Air Quality:

8 Hour Ozone, Attainment-Maintenance (CO)

NF-15; 060A (MP 0 – 4.96): Larimer

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell

Mammals:

Preble's Meadow Jumping Mouse, White Tail Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Plains Minnow, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

Air Quality:

8 Hour Ozone

Resource Management Plans

The following table shows the resource management plans found within the North Front Range Transportation Planning Region.

Resource Management Plans	Link
Northeast Resource Management Plan (+ Northeast Amendments)	http://www.blm.gov/co/st/en.html
Colorado Preservation 2010. An Update of Colorado Preservation 2005 the Statewide Historic Preservation Plan	http://www.coloradohistory-oahp.org/publications/pubs/1508.pdf
Annual Report 2005	http://www.water.state.co.us/pubs/annualreport/annlrpt_2005.PDF
Conservation Plan for Grassland Species	http://wildlife.state.co.us/WildlifeSpecies/GrasslandSpecies/grasslandsplan.htm
Link to list of various species/multi-species recovery & conservation plans	http://wildlife.state.co.us/WildlifeSpecies/
Colorado's Comprehensive Wildlife Conservation Strategy including References to Wildlife Action Plans	http://wildlife.state.co.us/WildlifeSpecies/
Link to map showing locations of state parks	http://parks.state.co.us/ParksSearch/ParksSearch.htm
Colorado State Parks Five-Year Strategic Plan 2005-2009	http://parks.state.co.us/About/StrategicPlan/
Park search database	http://nps.gov/applications/parksearch/state.cfm
Database of mining operations	http://www.cdphe.state.co.us/hm/sf_sites.htm
List of the six wildlife refuge areas in Colorado and their websites	http://www.fws.gov/refuges/profiles/ByState.cfm?state=CO
List of active solid waste facilities in state, sorted by county (70 municipal, 250 industrial)	http://www.cdphe.state.co.us/hm/lflist.pdf
Federal Superfund Sites in Colorado (19 NPL sites - 17 finalized, 2 proposed)	http://www.cdphe.state.co.us/hm/sf_sites.htm
Link to Uranium Mill Tailings Remedial Action (UMTRA) Sites in Colorado. Map & fact sheet for each site.	http://www.cdphe.state.co.us/hm/umsites.htm
Searchable database of hazardous waste handlers (generators, transporters, etc.) (9 commercial, 24 non-commercial TSD facilities)	http://www.epa.gov/enviro/html/rcris/rcris_query_java.html
Linking Colorado's Landscapes	http://restoretherockies.org/linkages.htm

Report to the Public 2004-05

<http://www.cdphe.state.co.us>

Resources: Northwest

The following information demonstrates specific resources found in the corresponding corridors for the Northwest Transportation Planning Region.

NW-01; 009D (MP 127.43 – 138.92): Grand

Mammals:

Wolverine, River Otter, Northern Pocket Gopher

Fish:

Mountain Sucker, Colorado Roundtail Chub, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo

Amphibians:

Boreal Toad

HAZMAT:

LUST

Designated HAZMAT Route

NW-02; 013A (MP 17 – 89): Rio Blanco/Moffat

Reptiles:

Midget Faded Rattle Snake

Mammals:

White Tail Prairie Dog, Black Footed Ferret, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher

Fish:

Razorback Sucker, Mountain Sucker, Iowa Darter, Colorado Pike Minnow, Colorado Roundtail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Mountain Plover

Amphibians:

Boreal Toad

Wildlife Crossings: 5

HAZMAT:

RCRA Condition Exempt Small Generator, LUST

Designated HAZMAT Route

NW-02; 013B (MP 90 – 128): Moffat

Reptiles:

Midget Faded Rattle Snake

Mammals:

White Tail Prairie Dog, Black Footed Ferret, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher

Fish:

Razorback Sucker, Mountain Sucker, Iowa Darter, Colorado Pike Minnow, Colorado Roundtail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Mountain Plover

Amphibians:

Boreal Toad

Wildlife Crossings: 1

HAZMAT:

RCRA Condition Exempt Small Generator, LUST
Designated HAZMAT Route

NW-03; 014A (MP 0 – 32.33): Jackson

Mollusks:

Rocky Mountain Capshell

Mammals:

Lynx, White Tail Prairie Dog, Wolverine, River Otter, Northern Pocket Gopher

Fish:

Mountain Sucker, Iowa Darter

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Whooping Crane, Mountain Plover

Amphibians:

Boreal Toad

Wildlife Crossings: 2

HAZMAT:

Designated HAZMAT Route

NW-03; 014B (MP 34.09 – 64.82): Jackson

Mollusks:

Rocky Mountain Capshell

Mammals:

Lynx, White Tail Prairie Dog, Wolverine, River Otter, Northern Pocket Gopher

Fish:

Mountain Sucker, Iowa Darter

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Whooping Crane, Mountain Plover

Amphibians:

Boreal Toad

Wildlife Crossings: 1

HAZMAT:

LUST

NW-04; 034A (MP 0 – 32.328): Grand

Mammals:

Lynx, Wolverine, River Otter, Northern Pocket Gopher

Fish:

Mountain Sucker, Colorado Roundtail Chub, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo

Amphibians:

Boreal Toad

HAZMAT:

RCRA Condition Exempt Small Generator, LUST

NW-05; 040A (MP 89.04 – 243): Moffat/Routt/Grand

Reptiles:

Midget Faded Rattle Snake

Mammals:

Lynx, White Tail Prairie Dog, Black Footed Ferret, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher

Fish:

Razorback Sucker, Mountain Sucker, Lake Chub, Iowa Darter, Colorado Pike Minnow, Colorado Roundtail Chub, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Mountain Plover

Amphibians:

Boreal Toad

Wildlife Crossings: 3

HAZMAT:

RCRA Condition Exempt Small Generator, RCRA Small Generator, LUST

Designated HAZMAT Route

Air Quality:

Non-Attainment (PM10)

NW-06; 040A (MP 0 – 89.04): Moffat

Reptiles:

Midget Faded Rattle Snake

Mammals:

White Tail Prairie Dog, Black Footed Ferret, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher

Fish:

Razorback Sucker, Mountain Sucker, Iowa Darter, Colorado Pike Minnow, Colorado Roundtail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Mountain Plover

Amphibians:

Boreal Toad

Wildlife Crossings: 3

HAZMAT:

RCRA Condition Exempt Small Generator, RCRA Small Generator, LUST
Designated HAZMAT Route

NW-07; 064A (MP 0 – 73.7): Rio Blanco/Moffat

Reptiles:

Midget Faded Rattle Snake

Mammals:

White Tail Prairie Dog, Black Footed Ferret, Wolverine, Townsend Big Eared Bat, River
Otter, Northern Pocket Gopher

Fish:

Razorback Sucker, Mountain Sucker, Iowa Darter, Colorado Pike Minnow, Colorado
Roundtail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo,
Mountain Plover

Amphibians:

Boreal Toad

Wildlife Crossings: 1

HAZMAT:

RCRA Condition Exempt Small Generator, LUST
Designated HAZMAT Route

NW-08; 125A (MP 0 – 75.41): Jackson/Grand

Mollusks:

Rocky Mountain Capshell

Mammals:

Lynx, White Tail Prairie Dog, Wolverine, River Otter, Northern Pocket Gopher

Fish:

Mountain Sucker, Iowa Darter, Colorado Roundtail Chub, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Whooping Crane,
Mountain Plover

Amphibians:

Boreal Toad

Wildlife Crossings: 1

HAZMAT:

LUST
Designated HAZMAT Route

NW-09; 127A (MP 0 – 9): Jackson

Mollusks:

Rocky Mountain Capshell

Mammals:

Lynx, White Tail Prairie Dog, Wolverine, River Otter, Northern Pocket Gopher

Fish:

Mountain Sucker, Iowa Darter

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Whooping Crane, Mountain Plover

Amphibians:

Boreal Toad

Wildlife Crossings: 1

HAZMAT:

Designated HAZMAT Route

NW-10; 131B (MP 0.05 – 68.72): Routt

Reptiles:

Midget Faded Rattlesnake

Mammals:

Lynx, Wolverine, River Otter, Northern Pocket Gopher

Fish:

Mountain Sucker, Lake Chub, Iowa Darter, Colorado Round Tail Chub

Birds:

Ferruginous Hawk, Yellow Billed Cuckoo

Amphibians:

Boreal Toad

Wildlife Crossings: 1

HAZMAT:

RCRA Condition Exempt Small Generator, LUST

Air Quality:

Non-Attainment (PM10)

NW-11; 134A (MP 0 – 27): Routt/Grand

Reptiles:

Midget Faded Rattle Snake

Mammals:

Lynx, Wolverine, River Otter, Northern Pocket Gopher

Fish:

Mountain Sucker, Lake Chub, Iowa Darter, Colorado Roundtail Chub, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo

Amphibians:

Boreal Toad

NW-12; 139A (MP 39.3 – 72.07): Rio Blanco

Reptiles:

Midget Faded Rattle Snake

Mammals:

White Tail Prairie Dog, Black Footed Ferret, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher

Fish:

Razorback Sucker, Colorado Pike Minnow, Colorado Roundtail Chub

Birds:

Long-billed Curlew, Ferruginous Hawk, Mountain Plover

Amphibians:

Boreal Toad

HAZMAT:

RCRA Condition Exempt Small Generator, LUST
Designated HAZMAT Route

NW-13; 317A (MP 0 – 12): Moffat/Routt

Reptiles:

Midget Faded Rattle Snake

Mammals:

White Tail Prairie Dog, Black Footed Ferret, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher

Fish:

Razorback Sucker, Mountain Sucker, Lake Chub, Iowa Darter, Colorado Pike Minnow, Colorado Roundtail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Mountain Plover

Amphibians:

Boreal Toad

Wildlife Crossings: 1

NW-14; 318A (MP 0 – 60.7): Moffat

Reptiles:

Midget Faded Rattle Snake

Mammals:

White Tail Prairie Dog, Black Footed Ferret, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher

Fish:

Razorback Sucker, Mountain Sucker, Iowa Darter, Colorado Pike Minnow, Colorado Roundtail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Mountain Plover

Amphibians:

Boreal Toad

Wildlife Crossings: 2

HAZMAT:

LUST

NW-15; 394A (MP 0 – 9.38): Moffat

Reptiles:

Midget Faded Rattle Snake

Mammals:

White Tail Prairie Dog, Black Footed Ferret, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher

Fish:

Razorback Sucker, Mountain Sucker, Iowa Darter, Colorado Pike Minnow, Colorado Roundtail Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Mountain Plover

Amphibians:

Boreal Toad

HAZMAT:

RCRA Condition Exempt Small Generator, LUST

Resource Management Plans

The following table shows the resource management plans found within the Northwest Transportation Planning Region.

Resource Management Plans	Link
White River Resource Management Plan (+ Amendments)	http://www.blm.gov/co/st/en.html
Little Snake River Resource Management Plan	http://www.blm.gov/co/st/en.html
Glenwood Springs Resource Mgmt Plan (+ Glenwood Springs Amendments)	http://www.blm.gov/co/st/en.html
Kremmling Resource Management Plan (+ Kremmling Amendments)	http://www.blm.gov/co/st/en.html
Travel Mgmt Plan	http://www.blm.gov/co/st/en.html
Land & Resource Management Plan for Arapaho National Forest, Roosevelt National Forest, and Pawnee National Grasslands.	http://www.fs.fed.us/r2/arnf/projects/forest-planning/management-plan/index.shtml
Forest Plan for Routt National Forest	http://www.fs.fed.us/r2/mbr/projects/forestplans/routt/index.shtml
Colorado Preservation 2010. An Update of Colorado Preservation 2005 the Statewide Historic Preservation Plan	http://www.coloradohistory-oahp.org/publications/pubs/1508.pdf
Annual Report 2005	http://www.water.state.co.us/pubs/annualreport/annlrpt_2005.PDF
Conservation Plan for Grassland Species	http://wildlife.state.co.us/WildlifeSpecies/GrasslandSpecies/grasslandsplan.htm
Link to list of various species/multi-species recovery & conservation plans	http://wildlife.state.co.us/WildlifeSpecies/
Colorado's Comprehensive Wildlife Conservation Strategy including References to Wildlife Action Plans	http://wildlife.state.co.us/WildlifeSpecies/
Link to map showing locations of state parks	http://parks.state.co.us/ParksSearch/ParksSearch.htm
Colorado State Parks Five-Year Strategic Plan 2005-2009	http://parks.state.co.us/About/StrategicPlan/
Park search database	http://nps.gov/applications/parksearch/state.cfm
Database of mining operations	http://www.cdphe.state.co.us/hm/sf_sites.htm
List of the six wildlife refuge areas in Colorado and their websites	http://www.fws.gov/refuges/profiles/ByState.cfm?state=CO
List of active solid waste facilities in state, sorted by county (70 municipal, 250 industrial)	http://www.cdphe.state.co.us/hm/lflist.pdf
Federal Superfund Sites in Colorado (19 NPL sites - 17 finalized, 2 proposed)	http://www.cdphe.state.co.us/hm/sf_sites.htm

Link to Uranium Mill Tailings Remedial Action (UMTRA) Sites in Colorado. Map & fact sheet for each site.	http://www.cdphe.state.co.us/hm/umsites.htm
Searchable database of hazardous waste handlers (generators, transporters, etc.) (9 commercial, 24 non-commercial TSD facilities)	http://www.epa.gov/enviro/html/rcris/rcris_query_java.html
Linking Colorado's Landscapes	http://restoretherockies.org/linkages.htm
Report to the Public 2004-05	http://www.cdphe.state.co.us

Resources: Pikes Peak Region

The following information demonstrates specific resources found in the corresponding corridors for the Pikes Peak Transportation Planning Region.

PP-01; 016A (MP 0 – 1.32): El Paso

Reptiles:

Midget Faded Rattle Snake

Mammals:

Preble's Meadow Jumping Mouse, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog,

Fish:

Southern Red Belly Dace, Flathead Chub, Arkansas Darter

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

Air Quality:

Attainment-Maintenance (CO)

PP-02; 024A (MP 282 – 303.82): El Paso/Teller

Reptiles:

Midget Faded Rattle Snake

Mammals:

Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog,

Fish:

Southern Red Belly Dace, Plains Minnow, Flathead Chub, Arkansas Darter

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Cond. Exempt Small Generator, State Cleanup List Site, LUST Designated HAZMAT Route

Air Quality:

Attainment-Maintenance (CO)

PP-03; 024G (MP 304.04 – 311): El Paso

Reptiles:

Midget Faded Rattle Snake

Mammals:

Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog,

Fish:

Southern Red Belly Dace, Flathead Chub, Arkansas Darter

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Cond. Exempt Small Generator, LUST
Designated HAZMAT Route

Air Quality:

Attainment-Maintenance (CO)

PP-04; 024G (MP 311 – 330): El Paso

Reptiles:

Midget Faded Rattle Snake

Mammals:

Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog,

Fish:

Southern Red Belly Dace, Flathead Chub, Arkansas Darter

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Cond. Exempt Small Generator, LUST
Designated HAZMAT Route

Air Quality:

Attainment-Maintenance (CO)

PP-05; 024E (MP 0 – 4): El Paso

Reptiles:

Midget Faded Rattle Snake

Mammals:

Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog,

Fish:

Southern Red Belly Dace, Flathead Chub, Arkansas Darter

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Cond. Exempt Small Generator, State Cleanup List Site, LUST

Air Quality:

Attainment-Maintenance (CO)

PP-06; 025A (MP 108 – 123): El Paso

Reptiles:

Midget Faded Rattle Snake

Mammals:

Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog,

Fish:

Southern Red Belly Dace, Flathead Chub, Arkansas Darter

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Small Generator

Designated HAZMAT Route

Air Quality:

Attainment-Maintenance (CO)

PP-07; 025A (MP 123 – 163.32): El Paso

Reptiles:

Midget Faded Rattle Snake

Mammals:

Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog,

Fish:

Southern Red Belly Dace, Flathead Chub, Arkansas Darter

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

Corrective Action Site, RCRA Cond. Exempt Small Generator, RCRA Small Generator, LUST

Designated HAZMAT Route

Air Quality:

Attainment-Maintenance (CO)

PP-08; 067D (MP 77 – 100): Teller

Reptiles:

Midget Faded Rattle Snake

Mammals:

Gunnison Prairie Dog, Townsend Big Eared Bat, Northern Pocket Gopher

Fish:

Plains Minnow

Birds:

Mexican Spotted Owl

HAZMAT:

RCRA Cond. Exempt Small Generator, LUST

Air Quality:

Attainment-Maintenance (CO)

PP-09; 083A (MP 0 – 21): El Paso

Reptiles:

Midget Faded Rattle Snake

Mammals:

Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog,

Fish:

Southern Red Belly Dace, Flathead Chub, Arkansas Darter

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

Corrective Action Site, RCRA Cond. Exempt Small Generator, RCRA Large Generator, RCRA Small Generator, State Cleanup List Site, LUST
Designated HAZMAT Route

Air Quality:

Attainment-Maintenance (CO)

PP-10; 083A (MP 21 – 51): El Paso

Reptiles:

Midget Faded Rattle Snake

Mammals:

Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog,

Fish:

Southern Red Belly Dace, Flathead Chub, Arkansas Darter

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

Designated HAZMAT Route

Air Quality:

Attainment-Maintenance (CO)

PP-13; 085A (MP 128 – 140.8): El Paso

Reptiles:

Midget Faded Rattle Snake

Mammals:

Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog,

Fish:

Southern Red Belly Dace, Flathead Chub, Arkansas Darter

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Cond. Exempt Small Generator, RCRA Small Generator, LUST

Air Quality:

Attainment-Maintenance (CO)

PP-14; 094A (MP 0 – 17.1): El Paso

Reptiles:

Midget Faded Rattle Snake

Mammals:

Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog,

Fish:

Southern Red Belly Dace, Flathead Chub, Arkansas Darter

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Cond. Exempt Small Generator

Air Quality:

Attainment-Maintenance (CO)

PP-15; 105A (MP 0 – 6): El Paso

Reptiles:

Midget Faded Rattle Snake

Mammals:

Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog,

Fish:

Southern Red Belly Dace, Flathead Chub, Arkansas Darter

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Cond. Exempt Small Generator, RCRA Small Generator, LUST

Air Quality:

Attainment-Maintenance (CO)

PP-16; 105A (MP 6 – 9): El Paso

Reptiles:

Midget Faded Rattle Snake

Mammals:

Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog,

Fish:

Southern Red Belly Dace, Flathead Chub, Arkansas Darter

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:
RCRA Small Generator, LUST
Air Quality:
Attainment-Maintenance (CO)

PP-17; 115A (MP 14 – 40): El Paso

Reptiles:
Midget Faded Rattle Snake
Mammals:
Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher,
Bottas Pocket Gopher, Black Tail Prairie Dog,
Fish:
Southern Red Belly Dace, Flathead Chub, Arkansas Darter
Birds:
Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo,
Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:
Designated HAZMAT Route
Air Quality:
Attainment-Maintenance (CO)

PP-18; 115A (MP 40 – 46): El Paso

Reptiles:
Midget Faded Rattle Snake
Mammals:
Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, Northern Pocket Gopher,
Bottas Pocket Gopher, Black Tail Prairie Dog,
Fish:
Southern Red Belly Dace, Flathead Chub, Arkansas Darter
Birds:
Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo,
Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:
RCRA Cond. Exempt Small Generator, LUST
Designated HAZMAT Route
Air Quality:
Attainment-Maintenance (CO)

Resource Management Plans

The following table shows the resource management plans found within the Pikes Peak Transportation Planning Region.

Resource Management Plans	Link
Link to SIP, Colorado Springs, Carbon Monoxide Maintenance Plan	https://yosemite.epa.gov/R8/R8Sips.nsf/Colorado?OpenView
Northeast Resource Management Plan (+ Northeast Amendments)	http://www.blm.gov/co/st/en.html
Royal Gorge Resource Management Plan (+ Royal Gorge Amendments)	http://www.blm.gov/co/st/en.html
Colorado Preservation 2010. An Update of Colorado Preservation 2005 the Statewide Historic Preservation Plan	http://www.coloradohistory-oahp.org/publications/pubs/1508.pdf
Annual Report 2005	http://www.water.state.co.us/pubs/annualreport/annlrpt_2005.PDF
Conservation Plan for Grassland Species	http://wildlife.state.co.us/WildlifeSpecies/GrasslandSpecies/grasslandsplan.htm
Link to list of various species/multi-species recovery & conservation plans	http://wildlife.state.co.us/WildlifeSpecies/
Colorado's Comprehensive Wildlife Conservation Strategy including References to Wildlife Action Plans	http://wildlife.state.co.us/WildlifeSpecies/
Link to map showing locations of state parks	http://parks.state.co.us/ParksSearch/ParksSearch.htm
Colorado State Parks Five-Year Strategic Plan 2005-2009	http://parks.state.co.us/About/StrategicPlan/
Park search database	http://nps.gov/applications/parksearch/state.cfm
Database of mining operations	http://www.cdphe.state.co.us/hm/sf_sites.htm
List of the six wildlife refuge areas in Colorado and their websites	http://www.fws.gov/refuges/profiles/ByState.cfm?state=CO
List of active solid waste facilities in state, sorted by county (70 municipal, 250 industrial)	http://www.cdphe.state.co.us/hm/lflist.pdf

Federal Superfund Sites in Colorado (19 NPL sites - 17 finalized, 2 proposed)	http://www.cdphe.state.co.us/hm/sf_sites.htm
Link to Uranium Mill Tailings Remedial Action (UMTRA) Sites in Colorado. Map & fact sheet for each site.	http://www.cdphe.state.co.us/hm/umsites.htm
Searchable database of hazardous waste handlers (generators, transporters, etc.) (9 commercial, 24 non-commercial TSD facilities)	http://www.epa.gov/enviro/html/rcris/rcris_query_java.html
Linking Colorado's Landscapes	http://restoretherockies.org/linkages.htm
Report to the Public 2004-05	http://www.cdphe.state.co.us

Resources: Pueblo Area

The following information demonstrates specific resources found in the corresponding corridors for the Pueblo Area Transportation Planning Region.

PB-01; 025A (MP 108 – 123): Pueblo

Reptiles:

Triploid Checkered Whiptail, Midget Faded Rattle Snake

Mammals:

Lynx, Preble's Meadow Jumping Mouse, Black Footed Ferret, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Southern Red Belly Dace, Plains Minnow, Flathead Chub, Arkansas Darter

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

Wildlife Crossings: 2

PB-02; 025A (MP 68.851 - 91): Pueblo

Reptiles:

Triploid Checkered Whiptail, Midget Faded Rattle Snake

Mammals:

Black Footed Ferret, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Southern Red Belly Dace, Plains Minnow, Flathead Chub, Arkansas Darter

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

CERCLA Site, RCRA Cond. Exempt Small Generator, LUST

PB-03; 025A (MP 91 – 108): Pueblo

Reptiles:

Triploid Checkered Whiptail, Midget Faded Rattle Snake

Mammals:

Lynx, Preble's Meadow Jumping Mouse, Black Footed Ferret, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Southern Red Belly Dace, Plains Minnow, Flathead Chub, Arkansas Darter

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

Wildlife Crossings: 1

HAZMAT:

CERCLA Site, RCRA Cond. Exempt Small Generator, RCRA Small Generator, LUST

PB-05; 045A (MP 0 - 20): Pueblo

Reptiles:

Triploid Checkered Whiptail, Midget Faded Rattle Snake

Mammals:

Black Footed Ferret, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Southern Red Belly Dace, Plains Minnow, Flathead Chub, Arkansas Darter

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Cond. Exempt Small Generator, LUST

PB-06; 047A (MP 0 – 4.64): Pueblo

Reptiles:

Triploid Checkered Whiptail, Midget Faded Rattle Snake

Mammals:

Lynx, Preble's Meadow Jumping Mouse, Black Footed Ferret, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Southern Red Belly Dace, Plains Minnow, Flathead Chub, Arkansas Darter

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Cond. Exempt Small Generator, RCRA Small Generator, LUST

PB-07; 078A (MP 14 – 33.27): Pueblo

Reptiles:

Triploid Checkered Whiptail, Midget Faded Rattle Snake

Mammals:

Black Footed Ferret, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Southern Red Belly Dace, Plains Minnow, Flathead Chub, Arkansas Darter

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Cond. Exempt Small Generator, LUST

PB-08; 078A (MP 0 - 14): Pueblo

Reptiles:

Triploid Checkered Whiptail, Midget Faded Rattle Snake

Mammals:

Black Footed Ferret, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Southern Red Belly Dace, Plains Minnow, Flathead Chub, Arkansas Darter

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

PB-09; 096A (MP 57 – 70.02): Pueblo

Reptiles:

Triploid Checkered Whiptail, Midget Faded Rattle Snake

Mammals:

Lynx, Preble's Meadow Jumping Mouse, Black Footed Ferret, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Southern Red Belly Dace, Plains Minnow, Flathead Chub, Arkansas Darter

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

Corrective Action Site, RCRA Cond. Exempt Small Generator

PB-10; 096A (MP 50 – 57): Pueblo

Reptiles:

Triploid Checkered Whiptail, Midget Faded Rattle Snake

Mammals:

Lynx, Preble's Meadow Jumping Mouse, Black Footed Ferret, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Southern Red Belly Dace, Plains Minnow, Flathead Chub, Arkansas Darter

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Cond. Exempt Small Generator

PB-11; 096A (MP 25 - 50): Pueblo

Reptiles:

Triploid Checkered Whiptail, Midget Faded Rattle Snake

Mammals:

Black Footed Ferret, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Southern Red Belly Dace, Plains Minnow, Flathead Chub, Arkansas Darter

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

PB-12; 165A (MP 0 – 36.84): Pueblo

Reptiles:

Triploid Checkered Whiptail, Midget Faded Rattle Snake

Mammals:

Lynx, Black Footed Ferret, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Southern Red Belly Dace, Plains Minnow, Flathead Chub, Arkansas Darter

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

LUST

PB-13; 209A (MP 0 – 1.53): Pueblo

Reptiles:

Triploid Checkered Whiptail, Midget Faded Rattle Snake

Mammals:

Black Footed Ferret, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Southern Red Belly Dace, Plains Minnow, Flathead Chub, Arkansas Darter

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

PB-14; 227A (MP 0 – 1.85): Pueblo

Reptiles:

Triploid Checkered Whiptail, Midget Faded Rattle Snake

Mammals:

Lynx, Preble's Meadow Jumping Mouse, Black Footed Ferret, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Southern Red Belly Dace, Plains Minnow, Flathead Chub, Arkansas Darter

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Cond. Exempt Small Generator, LUST

PB-15; 231A (MP 0 - 2): Pueblo

Reptiles:

Triploid Checkered Whiptail, Midget Faded Rattle Snake

Mammals:

Black Footed Ferret, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Southern Red Belly Dace, Plains Minnow, Flathead Chub, Arkansas Darter

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

PB-16; 233A (MP 0 - 2): Pueblo

Reptiles:

Triploid Checkered Whiptail, Midget Faded Rattle Snake

Mammals:

Black Footed Ferret, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Southern Red Belly Dace, Plains Minnow, Flathead Chub, Arkansas Darter

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

LUST

PB-17; 050A (MP 278.71 – 305.81): Pueblo

Reptiles:

Triploid Checkered Whiptail, Midget Faded Rattle Snake

Mammals:

Black Footed Ferret, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Southern Red Belly Dace, Plains Minnow, Flathead Chub, Arkansas Darter

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

PB-18; 050A (MP 305.81 – 314.52): Pueblo

Reptiles:

Triploid Checkered Whiptail, Midget Faded Rattle Snake

Mammals:

Lynx, Preble's Meadow Jumping Mouse, Black Footed Ferret, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail

Prairie Dog

Fish:

Southern Red Belly Dace, Plains Minnow, Flathead Chub, Arkansas Darter

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Cond. Exempt Small Generator, RCRA Small Generator, LUST

PB-19; 050B (MP 315 – 370): Pueblo

Reptiles:

Triploid Checkered Whiptail, Midget Faded Rattle Snake

Mammals:

Lynx, Preble's Meadow Jumping Mouse, Black Footed Ferret, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail

Prairie Dog

Fish:

Southern Red Belly Dace, Plains Minnow, Flathead Chub, Arkansas Darter

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

Corrective Action Site, RCRA Cond. Exempt Small Generator, RCRA Small Generator

PB-20; 050C (MP 0 – 16.95): Pueblo

Reptiles:

Triploid Checkered Whiptail, Midget Faded Rattle Snake

Mammals:

Black Footed Ferret, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Southern Red Belly Dace, Plains Minnow, Flathead Chub, Arkansas Darter

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

CERCLA Site, RCRA Cond. Exempt Small Generator, LUST

PB-24; 010A (MP 0 – 71.97): Pueblo

Reptiles:

Triploid Checkered Whiptail, Midget Faded Rattle Snake

Mammals:

Black Footed Ferret, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Southern Red Belly Dace, Plains Minnow, Flathead Chub, Arkansas Darter

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

Resource Management Plans

The following table shows the resource management plans found within the Pueblo Area Transportation Planning Region.

Resource Management Plans	Link
Royal Gorge Resource Management Plan (+ Royal Gorge Amendments)	http://www.blm.gov/co/st/en.html
Colorado Preservation 2010. An Update of Colorado Preservation 2005 the Statewide Historic Preservation Plan	http://www.coloradohistory-oahp.org/publications/pubs/1508.pdf
Annual Report 2005	http://www.water.state.co.us/pubs/annualreport/annlrpt_2005.PDF
Conservation Plan for Grassland Species	http://wildlife.state.co.us/WildlifeSpecies/GrasslandSpecies/grasslandsplan.htm
Link to list of various species/multi-species recovery & conservation plans	http://wildlife.state.co.us/WildlifeSpecies/
Colorado's Comprehensive Wildlife Conservation Strategy including References to Wildlife Action Plans	http://wildlife.state.co.us/WildlifeSpecies/
Link to map showing locations of state parks	http://parks.state.co.us/ParksSearch/ParksSearch.htm
Colorado State Parks Five-Year Strategic Plan 2005-2009	http://parks.state.co.us/About/StrategicPlan/
Park search database	http://nps.gov/applications/parksearch/state.cfm
Database of mining operations	http://www.cdphe.state.co.us/hm/sf_sites.htm
List of the six wildlife refuge areas in Colorado and their websites	http://www.fws.gov/refuges/profiles/ByState.cfm?state=CO
List of active solid waste facilities in state, sorted by county (70 municipal, 250 industrial)	http://www.cdphe.state.co.us/hm/flist.pdf
Federal Superfund Sites in Colorado (19 NPL sites - 17 finalized, 2 proposed)	http://www.cdphe.state.co.us/hm/sf_sites.htm
Link to Uranium Mill Tailings Remedial Action (UMTRA) Sites in Colorado. Map & fact sheet for each site.	http://www.cdphe.state.co.us/hm/umsites.htm

Searchable database of hazardous waste handlers (generators, transporters, etc.) (9 commercial, 24 non-commercial TSD facilities)	http://www.epa.gov/enviro/html/rcris/rcris_query_java.html
Linking Colorado's Landscapes	http://restoretherockies.org/linkages.htm
Report to the Public 2004-05	http://www.cdphe.state.co.us

Resources: San Luis Valley

The following information demonstrates specific resources found in the corresponding corridors for the San Luis Valley Transportation Planning Region

SL-01; 015A (MP 0 – 12.37): Rio Grande

Reptiles:

Midget Faded Rattlesnake, Long-nosed Leopard Lizard

Mammals:

Gunnison Prairie Dog, Townsend Big Eared Bat, N Pocket Gopher, Bottas Pocket Gopher

Birds:

Mexican Spotted Owl, Long Billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Southwest Willow Fly Catcher, Mountain Plover

Amphibians:

Boreal Toad

Wildlife Crossings: 1

HAZMAT:

LUST

SL-02; 015B: (MP 20.4 – 30.92): Conejos

Reptiles:

Midget Faded Rattlesnake

Mammals:

Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, N Pocket Gopher, Bottas Pocket Gopher

Fish:

Rio Grande Sucker, Rio Grande Chub

Birds:

Mexican Spotted Owl, Ferruginous Hawk, Southwest Willow Fly Catcher, Mountain Plover

Amphibians:

Boreal Toad

HAZMAT:

LUST

SL-03; 017A (MP 0 – 38.98): Conejos

Reptiles:

Midget Faded Rattlesnake

Mammals:

Lynx, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, N Pocket Gopher, Bottas Pocket Gopher

Fish:

Rio Grande Sucker, Rio Grande Chub

Birds:

Mexican Spotted Owl, Ferruginous Hawk, Southwest Willow Fly Catcher, Mountain Plover

Amphibians:

Boreal Toad

Wildlife Crossings: 2

SL-04; 017B (MP 69.11 – 118.79): Alamosa/Saguache

Reptiles:

Midget Faded Rattlesnake

Mammals:

Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, N Pocket Gopher, Bottas Pocket Gopher

Fish:

Rio Grande Sucker, Rio Grande Chub

Birds:

Mexican Spotted Owl, Long Billed Curlew, Ferruginous Hawk, Southwest Willow Fly Catcher, Mountain Plover

Amphibians:

Boreal Toad

HAZMAT:

LUST

Designated HAZMAT Route

SL-05; 024A (MP 192.74 – 212.9): Chaffee

Reptiles:

Midget Faded Rattlesnake

Mammals:

Lynx, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, N Pocket Gopher

Fish:

Flathead Chub

Birds:

Mexican Spotted Owl, Long Billed Curlew

Amphibians:

Boreal Toad

Wildlife Crossings: 1

HAZMAT:

LUST

Designated HAZMAT Route

SL-06; 024A (MP 212.9 – 225.57): Chaffee

Reptiles:

Midget Faded Rattlesnake

Mammals:

Lynx, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, N Pocket Gopher

Fish:

Flathead Chub

Birds:

Mexican Spotted Owl, Long Billed Curlew

Amphibians:

Boreal Toad

HAZMAT:

LUST

Designated HAZMAT Route

SL-07; 050A (MP 165 – 216.7): Chaffee

Reptiles:

Midget Faded Rattlesnake

Mammals:

Lynx, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, N Pocket Gopher

Fish:

Flathead Chub, Rio Grande Sucker, Rio Grande Chub

Birds:

Mexican Spotted Owl, Long-Billed Curlew, Ferruginous Hawk, Mountain Plover

Amphibians:

Boreal Toad

Wildlife Crossings: 1

HAZMAT:

Designated HAZMAT Route

SL-08; 050A (MP 216.7 – 222.46): Chaffee

Reptiles:

Midget Faded Rattlesnake

Mammals:

Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, N Pocket Gopher

Fish:

Flathead Chub

Birds:

Mexican Spotted Owl, Long-Billed Curlew

Amphibians:

Boreal Toad

HAZMAT:

RCRA Condition Exempt Small Generator, LUST

SL-09; 050A (MP 222.46 – 241.3): Chaffee

Reptiles:

Midget Faded Rattlesnake

Mammals:

Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, N Pocket Gopher

Fish:

Flathead Chub

Birds:

Mexican Spotted Owl, Long-Billed Curlew

Amphibians:

Boreal Toad

HAZMAT:

RCRA Condition Exempt Small Generator

SL-10; 112A (MP 0 – 13.14): Rio Grande/Saguache

Reptiles:

Midget Faded Rattlesnake, Long-nosed Leopard Lizard

Mammals:

Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, N Pocket Gopher, Bottas Pocket Gopher

Fish:

Rio Grand Sucker, Rio Grande Chub

Birds:

Mexican Spotted Owl, Long-Billed Curlew, Ferruginous Hawk, Yellow-billed Cuckoo, Southwest Willow Fly Catcher, Mountain Plover

Amphibians:

Boreal Toad

HAZMAT:

LUST

Designated HAZMAT Route

SL-11; 112A (MP 13.14 – 27.8): Alamosa/Rio Grande/Saguache

Reptiles:

Midget Faded Rattlesnake

Mammals:

Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, N Pocket Gopher, Bottas Pocket Gopher

Fish:

Rio Grande Sucker, Rio Grande Chub

Birds:

Mexican Spotted Owl, Long-Billed Curlew, Ferruginous Hawk, Southwest Willow Fly Catcher, Mountain Plover

Amphibians:

Boreal Toad

HAZMAT:

LUST

Designated HAZMAT Route

SL-12; 114A (MP 0 – 61.7): Saguache

Reptiles:

Midget Faded Rattlesnake

Mammals:

Lynx, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, N Pocket Gopher

Fish:

Rio Grande Sucker, Rio Grande Chub

Birds:

Mexican Spotted Owl, Ferruginous Hawk, Southwest Willow Fly Catcher, Mountain Plover

Wildlife Crossings: 2

HAZMAT:

RCRA Condition Exempt Small Generator

SL-13; 136A (MP 0 – 4.47): Conejos

Reptiles:

Midget Faded Rattlesnake

Mammals:

Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, N Pocket Gopher, Bottas
Pocket Gopher

Fish:

Rio Grande Sucker, Rio Grande Chub

Birds:

Mexican Spotted Owl, Ferruginous Hawk, Southwest Willow Fly Catcher, Mountain
Plover

Amphibians:

Boral Toad

HAZMAT:

LUST

SL-14; 142A (MP 0 – 33.84): Conejos/Costilla

Reptiles:

Midget Faded Rattlesnake

Mammals:

Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, N Pocket Gopher, Bottas
Pocket Gopher

Fish:

Rio Grande Sucker, Rio Grande Chub

Birds:

Mexican Spotted Owl, Ferruginous Hawk, Southwest Willow Fly Catcher, Mountain
Plover

Amphibians:

Boral Toad

HAZMAT:

RCRA Condition Exempt Small Generator, LUST

SL-15; 149A (MP 0 – 42.17): Mineral/Rio Grande

Mammals:

Lynx, Gunnison Prairie Dog, Wolverine, N Pocket Gopher

Birds:

Southwest Willow Fly Catcher

Amphibians:

Boral Toad

Wildlife Crossings: 1

HAZMAT:

LUST

SL-16; 150A (MP 0 – 16): Alamosa

Reptiles:

Midget Faded Rattlesnake

Mammals:

Gunnison Prairie Dog, Townsend Big Eared Bat, N Pocket Gopher, Bottas Pocket Gopher

Fish:

Rio Grande Sucker, Rio Grande Chub

Birds:

Mexican Spotted Owl, Long-Billed Curlew, Ferruginous Hawk, Southwest Willow Fly Catcher, Mountain Plover

Amphibians:

Boral Toad

HAZMAT:

LUST

SL-17; 159A (MP 0 – 33.66): Costilla

Reptiles:

Midget Faded Rattlesnake

Mammals:

Gunnison Prairie Dog, N Pocket Gopher

Birds:

Mexican Spotted Owl, Ferruginous Hawk, Southwest Willow Fly Catcher, Mountain Plover

Wildlife Crossings: 2

HAZMAT:

LUST

SL-18; 160A (MP 155.09 – 184): Rio Grande/Mineral

Reptiles:

Midget Faded Rattlesnake, Longnose Leopard Lizard

Mammals:

Lynx, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, N Pocket Gopher, Bottas Pocket Gopher

Birds:

Mexican Spotted Owl, Long-Billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Southwest Willow Fly Catcher, Mountain Plover

Amphibians:

Boral Toad

Wildlife Crossings: 1

HAZMAT:

LUST

Designated HAZMAT Route

SL-19; 160A (MP 184.2 - 214): Rio Grande

Reptiles:

Midget Faded Rattlesnake, Longnose Leopard Lizard

Mammals:

Gunnison Prairie Dog, Townsend Big Eared Bat, N Pocket Gopher, Bottas Pocket Gopher

Birds:

Mexican Spotted Owl, Long Billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Southwest Willow Fly Catcher, Mountain Plover

Amphibians:

Boral Toad

HAZMAT:

LUST

Designated HAZMAT Route

SL-20; 160A (MP 214 - 235): Rio Grande/Alamosa

Reptiles:

Midget Faded Rattlesnake, Longnose Leopard Lizard

Mammals:

Gunnison Prairie Dog, Townsend Big Eared Bat, N Pocket Gopher, Bottas Pocket Gopher

Fish:

Rio Grande Sucker, Rio Grande Chub

Birds:

Mexican Spotted Owl, Long Billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Southwest Willow Fly Catcher, Mountain Plover

Amphibians:

Boral Toad

Wildlife Crossings: 2

HAZMAT:

RCRA Condition Exempt Small Generator, RCRA Small Generator, LUST
Designated HAZMAT Route

SL-21; 160A (MP 235 – 247.93): Alamosa

Reptiles:

Midget Faded Rattlesnake

Mammals:

Gunnison Prairie Dog, Townsend Big Eared Bat, N Pocket Gopher, Bottas Pocket Gopher

Fish:

Rio Grande Sucker, Rio Grande Chub

Birds:

Mexican Spotted Owl, Long Billed Curlew, Ferruginous Hawk, Southwest Willow Fly Catcher, Mountain Plover

Amphibians:

Boral Toad

HAZMAT:

LUST

Designated HAZMAT Route

SL-22; 160A (MP 247.93 – 282.17): Costilla

Reptiles:

Midget Faded Rattlesnake

Mammals:

Lynx, Gunnison Prairie Dog, N Pocket Gopher

Birds:

Mexican Spotted Owl, Ferruginous Hawk, Southwest Willow Fly Catcher, Mountain Plover

Wildlife Crossings: 2

HAZMAT:

RCRA Condition Exempt Small Generator, LUST
Designated HAZMAT Route

SL-23; 285A (MP 0 – 32): Conejos/Alamosa

Reptiles:

Midget Faded Rattlesnake

Mammals:

Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, N Pocket Gopher, Bottas Pocket Gopher

Fish:

Rio Grande Sucker, Rio Grande Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Southwest Willow Fly Catcher, Mountain Plover

Amphibians:

Boral Toad

HAZMAT:

RCRA Condition Exempt Small Generator, RCRA Small Generator, LUST
Designated HAZMAT Route

SL-24; 285A (MP 32 – 34): Alamosa

Reptiles:

Midget Faded Rattlesnake

Mammals:

Gunnison Prairie Dog, Townsend Big Eared Bat, N Pocket Gopher, Bottas Pocket Gopher

Fish:

Rio Grande Sucker, Rio Grande Chub

Birds:

Mexican Spotted Owl, Long Billed Curlew, Ferruginous Hawk, Southwest Willow Fly Catcher, Mountain Plover

Amphibians:

Boral Toad

HAZMAT:

Designated HAZMAT Route

SL-25; 285B (MP 51.21 – 126.48): Rio Grande/Saguache/Chaffee

Reptiles:

Midget Faded Rattlesnake, Longnose Leopard Lizard

Mammals:

Lynx, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, N Pocket Gopher, Bottas Pocket Gopher

Fish:

Rio Grande Sucker, Rio Grande Chub, Flathead Chub

Birds:

Mexican Spotted Owl, Long Billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Southwest Willow Fly Catcher, Mountain Plover

Amphibians:

Boral Toad

Wildlife Crossings: 4

HAZMAT:

LUST

Designated HAZMAT Route

SL-25; 285C (MP 127 – 148): Chaffee

Reptiles:

Midget Faded Rattlesnake

Mammals:

Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, N Pocket Gopher

Fish:

Flathead Chub

Birds:

Mexican Spotted Owl, Long Billed Curlew

Amphibians:

Boral Toad

HAZMAT:

LUST

Designated HAZMAT Route

SL-26; 291A (MP 0 – 9): Chaffee

Reptiles:

Midget Faded Rattlesnake

Mammals:

Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, N Pocket Gopher

Fish:

Flathead Chub

Birds:

Mexican Spotted Owl, Long Billed Curlew

Amphibians:

Boral Toad

HAZMAT:

RCRA Condition Exempt Small Generator, LUST

SL-27; 368A (MP 0 – 12.33): Alamosa/Conejos/Rio Grande

Reptiles:

Midget Faded Rattlesnake, Longnose Leopard Lizard

Mammals:

Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, N Pocket Gopher, Bottas Pocket, Gopher

Fish:

Rio Grande Sucker, Rio Grande Chub

Birds:

Mexican Spotted Owl, Long Billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Southwest Willow Fly Catcher, Mountain Plover

Amphibians:

Boral Toad

SL-28; 370A (MP 0 – 14): Alamosa/Rio Grande

Reptiles:

Midget Faded Rattlesnake, Longnose Leopard Lizard

Mammals:

Gunnison Prairie Dog, Townsend Big Eared Bat, N Pocket Gopher, Bottas Pocket, Gopher

Fish:

Rio Grande Sucker, Rio Grande Chub

Birds:

Mexican Spotted Owl, Long Billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Southwest Willow Fly Catcher, Mountain Plover

Amphibians:

Boral Toad

SL-29; 371A (MP 0 – 6): Conejos

Reptiles:

Midget Faded Rattlesnake

Mammals:

Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, N Pocket Gopher, Bottas Pocket Gopher

Fish:

Rio Grande Sucker, Rio Grande Chub

Birds:

Mexican Spotted Owl, Ferruginous Hawk, Southwest Willow Fly Catcher, Mountain Plover

Amphibians:

Boral Toad

Resource Management Plans

The following table shows the resource management plans found within the San Luis Valley Transportation Planning Region.

Resource Management Plans	Link
San Luis Resource Management Plan (+ Amendments)	http://www.blm.gov/co/st/en.html
Forest Plan for Grand Mesa, Uncompahgre & Gunnison National Forests	http://www.fs.fed.us/r2/gmug/policy/plan_rev/draft/index.shtml
Forest Plan for Rio Grande National Forest Resource Management Plan	http://www.fs.fed.us/r2/riogrande/projects/plan/
Colorado Preservation 2010. An Update of Colorado Preservation 2005 the Statewide Historic Preservation Plan	http://www.coloradohistory-oahp.org/publications/pubs/1508.pdf
Annual Report 2005	http://www.water.state.co.us/pubs/annualreport/annlrpt_2005.PDF
Conservation Plan for Grassland Species	http://wildlife.state.co.us/WildlifeSpecies/GrasslandSpecies/grasslandsplan.htm
Link to list of various species/multi-species recovery & conservation plans	http://wildlife.state.co.us/WildlifeSpecies/
Colorado's Comprehensive Wildlife Conservation Strategy including References to Wildlife Action Plans	http://wildlife.state.co.us/WildlifeSpecies/
Link to map showing locations of state parks	http://parks.state.co.us/ParksSearch/ParksSearch.htm
Colorado State Parks Five-Year Strategic Plan 2005-2009	http://parks.state.co.us/About/StrategicPlan/
Park search database	http://nps.gov/applications/parksearch/state.cfm
Database of mining operations	http://www.cdphe.state.co.us/hm/sf_sites.htm
List of the six wildlife refuge areas in Colorado and their websites	http://www.fws.gov/refuges/profiles/ByState.cfm?state=CO
List of active solid waste facilities in state, sorted by county (70 municipal, 250 industrial)	http://www.cdphe.state.co.us/hm/lflist.pdf
Federal Superfund Sites in Colorado (19 NPL sites - 17 finalized, 2 proposed)	http://www.cdphe.state.co.us/hm/sf_sites.htm

Link to Uranium Mill Tailings Remedial Action (UMTRA) Sites in Colorado. Map & fact sheet for each site.	http://www.cdphe.state.co.us/hm/umsites.htm
Searchable database of hazardous waste handlers (generators, transporters, etc.) (9 commercial, 24 non-commercial TSD facilities)	http://www.epa.gov/enviro/html/rcris/rcris_query_java.html
Linking Colorado's Landscapes	http://restoretherockies.org/linkages.htm
Report to the Public 2004-05	http://www.cdphe.state.co.us

Resources: South Central

The following information demonstrates specific resources found in the corresponding corridors for the South Central Transportation Planning Region.

SC-01; 010A (MP 0 – 28.59): Huerfano/Las Animas

Reptiles:

Yellow Mud Turtle, Texas Blind Snake, Triploid Checkered Whiptail, Midget Faded Rattlesnake, Common King Snake

Mammals:

Wolverine, Townsend Big Eared Bat, River Otter, N Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Flathead Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Mountain Plover, Burrowing Owl

Wildlife Crossings: 1

HAZMAT:

LUST

Designated HAZMAT Route

SC-02; 012A (MP 0 – 70.39): Huerfano/Las Animas

Reptiles:

Yellow Mud Turtle, Texas Blind Snake, Triploid Checkered Whiptail, Midget Faded Rattlesnake, Common King Snake

Mammals:

Lynx, Wolverine, Townsend Big Eared Bat, River Otter, N Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Flathead Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Mountain Plover, Burrowing Owl

Wildlife Crossings: 1

HAZMAT:

RCRA Small Generator, LUST

SC-03; 025A (MP 0 – 68.85): Huerfano/Las Animas

Reptiles:

Yellow Mud Turtle, Texas Blind Snake, Triploid Checkered Whiptail, Midget Faded Rattlesnake, Common King Snake

Mammals:

Wolverine, Townsend Big Eared Bat, River Otter, N Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Flathead Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Mountain Plover, Burrowing Owl

Wildlife Crossings: 3

HAZMAT:

RCRA Condition Exempt Small Generator, RCRA Small Generator, LUST
Designated HAZMAT Route

SC-04; 025B (MP 0 – 1.95): Las Animas

Reptiles:

Yellow Mud Turtle, Texas Blind Snake, Triploid Checkered Whiptail, Midget Faded Rattlesnake, Common King Snake

Mammals:

Wolverine, Townsend Big Eared Bat, River Otter, N Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Flathead Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Mountain Plover, Burrowing Owl

HAZMAT:

LUST

SC-05; 025C (MP 0 – 3.95): Huerfano

Reptiles:

Midget Faded Rattlesnake

Mammals:

Wolverine, Townsend Big Eared Bat, River Otter, N Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Flathead Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Condition Exempt Small Generator, LUST
Designated HAZMAT Route

SC-06; 069A (MP 0 – 42.16): Huerfano

Reptiles:

Midget Faded Rattlesnake

Mammals:

Lynx, Wolverine, Townsend Big Eared Bat, River Otter, N Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Flathead Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Mountain Plover, Burrowing Owl

Wildlife Crossings: 1

HAZMAT:

LUST

SC-07; 109A (MP 0 – 27.53): Las Animas

Reptiles:

Yellow Mud Turtle, Texas Blind Snake, Triploid Checkered Whiptail, Midget Faded Rattlesnake, Common King Snake

Mammals:

Wolverine, Townsend Big Eared Bat, River Otter, N Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Flathead Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Mountain Plover, Burrowing Owl

SC-08; 160A (MP 278.63 – 303.45): Huerfano

Reptiles:

Midget Faded Rattlesnake

Mammals:

Wolverine, Townsend Big Eared Bat, River Otter, N Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Flathead Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Condition Exempt Small Generator, LUST

Designated HAZMAT Route

SC-09; 160A (MP 303.45 – 305.38): Huerfano

Reptiles:

Midget Faded Rattlesnake

Mammals:

Lynx, Wolverine, Townsend Big Eared Bat, River Otter, N Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Flathead Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Mountain Plover,
Burrowing Owl

HAZMAT:

Designated HAZMAT Route

SC-09; 160B (MP 305.53 – 306.35): Huerfano

Reptiles:

Midget Faded Rattlesnake

Mammals:

Wolverine, Townsend Big Eared Bat, River Otter, N Pocket Gopher, Bottas Pocket
Gopher, Black Tail Prairie Dog

Fish:

Flathead Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Mountain Plover,
Burrowing Owl

HAZMAT:

LUST

SC-10; 160C (MP 344.61 – 431.69): Las Animas

Reptiles:

Yellow Mud Turtle, Texas Blind Snake, Triploid Checkered Whiptail, Midget Faded
Rattlesnake, Common King Snake

Mammals:

Wolverine, Townsend Big Eared Bat, River Otter, N Pocket Gopher, Bottas Pocket
Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Flathead Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo,
Mountain Plover, Burrowing Owl

Wildlife Crossings: 3

SC-11; 239A (MP 0 – 3.35): Las Animas

Reptiles:

Yellow Mud Turtle, Texas Blind Snake, Triploid Checkered Whiptail, Midget Faded
Rattlesnake, Common King Snake

Mammals:

Wolverine, Townsend Big Eared Bat, River Otter, N Pocket Gopher, Bottas Pocket
Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Flathead Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo,
Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Condition Exempt Small Generator, LUST

SC-12; 350A (MP 0 – 37.36): Las Animas

Reptiles:

Yellow Mud Turtle, Texas Blind Snake, Triploid Checkered Whiptail, Midget Faded Rattlesnake, Common King Snake

Mammals:

Wolverine, Townsend Big Eared Bat, River Otter, N Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Flathead Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Mountain Plover, Burrowing Owl

Wildlife Crossings: 1

SC-13; 389A (MP 0 – 12.8): Las Animas

Reptiles:

Yellow Mud Turtle, Texas Blind Snake, Triploid Checkered Whiptail, Midget Faded Rattlesnake, Common King Snake

Mammals:

Wolverine, Townsend Big Eared Bat, River Otter, N Pocket Gopher, Bottas Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Flathead Chub

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Mountain Plover, Burrowing Owl

HAZMAT:

LUST

Resource Management Plans

The following table shows the resource management plans found within the South Central Transportation Planning Region.

Resource Management Plans	Link
Royal Gorge Resource Management Plan (+ Royal Gorge Amendments)	http://www.blm.gov/co/st/en.html
Land & Resource Management Plan for Pike National Forest, San Isabel National Forest, Cimarron and Comanche National Grasslands.	http://www.fs.fed.us/r2/psicc/projects/forest_plan/forest_plan.shtml#forest_plan
Colorado Preservation 2010. An Update of Colorado Preservation 2005 the Statewide Historic Preservation Plan	http://www.coloradohistory-oahp.org/publications/pubs/1508.pdf
Annual Report 2005	http://www.water.state.co.us/pubs/annualreport/annlrpt_2005.PDF
Conservation Plan for Grassland Species	http://wildlife.state.co.us/WildlifeSpecies/GrasslandSpecies/grasslandsplan.htm
Link to list of various species/multi-species recovery & conservation plans	http://wildlife.state.co.us/WildlifeSpecies/
Colorado's Comprehensive Wildlife Conservation Strategy including References to Wildlife Action Plans	http://wildlife.state.co.us/WildlifeSpecies/
Link to map showing locations of state parks	http://parks.state.co.us/ParksSearch/ParksSearch.htm
Colorado State Parks Five-Year Strategic Plan 2005-2009	http://parks.state.co.us/About/StrategicPlan/
Park search database	http://nps.gov/applications/parksearch/state.cfm
Database of mining operations	http://www.cdphe.state.co.us/hm/sf_sites.htm
List of the six wildlife refuge areas in Colorado and their websites	http://www.fws.gov/refuges/profiles/ByState.cfm?state=CO
List of active solid waste facilities in state, sorted by county (70 municipal, 250 industrial)	http://www.cdphe.state.co.us/hm/lflist.pdf
Federal Superfund Sites in Colorado (19 NPL sites - 17 finalized, 2 proposed)	http://www.cdphe.state.co.us/hm/sf_sites.htm
Link to Uranium Mill Tailings Remedial Action (UMTRA) Sites in Colorado. Map & fact sheet for each site.	http://www.cdphe.state.co.us/hm/umsites.htm

Searchable database of hazardous waste handlers (generators, transporters, etc.) (9 commercial, 24 non-commercial TSD facilities)	http://www.epa.gov/enviro/html/rcris/rcris_query_java.html
Linking Colorado's Landscapes	http://restoretherockies.org/linkages.htm
Report to the Public 2004-05	http://www.cdphe.state.co.us

Resources: Southeast

The following information demonstrates specific resources found in the corresponding corridors for the Southeast Transportation Planning Region.

SE-01; 287A (MP 0 – 77.64): Baca/Prowers

Reptiles:

Yellow Mud Turtle, Texas Blind Snake, Midget Faded Rattlesnake, Common King Snake

Mammals:

Townsend Big Eared Bat, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Flathead Chub, Arkansas Darter

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

Wildlife Crossings: 1

HAZMAT:

RCRA Condition Exempt Small Generator, LUST
Designated HAZMAT Route

Air Quality:

Non-Attainment (PM10)

SE-01; 287B (MP 85.37 – 122.78): Prowers/Kiowa

Reptiles:

Yellow Mud Turtle, Midget Faded Rattlesnake, Common King Snake

Mammals:

Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Flathead Chub, Arkansas Darter

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

Wildlife Crossings: 1

HAZMAT:

LUST
Designated HAZMAT Route

SE-02; 050B (MP 348.84 – 467.58): Otero/Bent/Prowers

Reptiles:

Yellow Mud Turtle, Texas Blind Snake, Triploid Checkered Whiptail, Roundtail Horned Lizard, Midget Faded Rattlesnake, Common King Snake

Mammals:

Townsend Big Eared Bat, River Otter, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Flathead Chub, Arkansas Darter

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

Wildlife Crossings: 2

HAZMAT:

Corrective Action Site, RCRA Condition Exempt Small Generator, RCRA Small Generator, LUST

Designated HAZMAT Route

Air Quality:

Non-Attainment (PM10)

SE-03; 101A (MP 0 – 21.41): Bent

Reptiles:

Yellow Mud Turtle, Texas Blind Snake, Triploid Checkered Whiptail, Midget Faded Rattlesnake, Common King Snake

Mammals:

River Otter, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Flathead Chub

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

SE-04; 096B (MP 87.89 – 105.83): Crowley

Reptiles:

Midget Faded Rattlesnake, Common King Snake

Mammals:

Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Flathead Chub, Arkansas Darter

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

SE-04; 096C (MP 106.35 – 165.97): Crowley/Kiowa

Reptiles:

Yellow Mud Turtle, Midget Faded Rattlesnake, Common King Snake

Mammals:

Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Flathead Chub, Arkansas Darter

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

Wildlife Crossings: 1

HAZMAT:

RCRA Condition Exempt Small Generator, RCRA Small Generator, LUST

SE-04; 096D (MP 169 – 207.45): Kiowa

Reptiles:

Yellow Mud Turtle, Midget Faded Rattlesnake, Common King Snake

Mammals:

Black Tail Prairie Dog

Fish:

Arkansas Darter

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Mountain Plover,
Burrowing Owl

Wildlife Crossings: 1

SE-05; 109A (MP 27.53 – 65.77): Otero/Bent

Reptiles:

Yellow Mud Turtle, Texas Blind Snake, Triploid Checkered Whiptail, Roundtail Horned
Lizard, Midget Faded Rattlesnake, Common King Snake

Mammals:

Townsend Big Eared Bat, River Otter, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Flathead Chub

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain
Plover, Burrowing Owl

Wildlife Crossings: 1

HAZMAT:

RCRA Condition Exempt Small Generator, LUST

SE-06; 010A (MP 43.05 – 71.97): Otero

Reptiles:

Yellow Mud Turtle, Texas Blind Snake, Triploid Checkered Whiptail, Roundtail Horned
Lizard, Midget Faded Rattlesnake, Common King Snake

Mammals:

Townsend Big Eared Bat, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Flathead Chub

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain
Plover, Burrowing Owl

Wildlife Crossings: 1

HAZMAT:

Designated HAZMAT Route

SE-07; 071A (MP 0 – 9.1): Otero

Reptiles:

Yellow Mud Turtle, Texas Blind Snake, Triploid Checkered Whiptail, Roundtail Horned Lizard, Midget Faded Rattlesnake, Common King Snake

Mammals:

Townsend Big Eared Bat, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Flathead Chub

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

SE-07; 071B (MP 9.6 – 14.54): Otero

Reptiles:

Yellow Mud Turtle, Texas Blind Snake, Triploid Checkered Whiptail, Roundtail Horned Lizard, Midget Faded Rattlesnake, Common King Snake

Mammals:

Townsend Big Eared Bat, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Flathead Chub

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Condition Exempt Small Generator, LUST

SE-07; 071C (MP 16.16 – 48.65): Otero/Crowley

Reptiles:

Yellow Mud Turtle, Texas Blind Snake, Triploid Checkered Whiptail, Roundtail Horned Lizard, Midget Faded Rattlesnake, Common King Snake

Mammals:

Townsend Big Eared Bat, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Flathead Chub, Arkansas Darter

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

LUST

Designated HAZMAT Route

SE-08; 089A (MP 0 – 34.34): Prowers/Baca

Reptiles:

Yellow Mud Turtle, Midget Faded Rattlesnake, Common King Snake

Mammals:

Townsend Big Eared Bat, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Flathead Chub, Arkansas Darter

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

Corrective Action Site, LUST

SE-09; 196A (MP 0 – 35.64): Bent/Prowers

Reptiles:

Yellow Mud Turtle, Texas Blind Snake, Triploid Checkered Whiptail, Midget Faded Rattlesnake, Common King Snake

Mammals:

River Otter, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Flathead Chub, Arkansas Darter

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

Wildlife Crossings: 1

HAZMAT:

LUST

SE-10; 202A (MP 0 – 3): Otero

Reptiles:

Yellow Mud Turtle, Texas Blind Snake, Triploid Checkered Whiptail, Roundtail Horned Lizard, Midget Faded Rattlesnake, Common King Snake

Mammals:

Townsend Big Eared Bat, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Flathead Chub

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Condition Exempt Small Generator, LUST

SE-11; 266A (MP 0 – 11.52): Otero

Reptiles:

Yellow Mud Turtle, Texas Blind Snake, Triploid Checkered Whiptail, Roundtail Horned Lizard, Midget Faded Rattlesnake, Common King Snake

Mammals:

Townsend Big Eared Bat, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Flathead Chub

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:
RCRA Condition Exempt Small Generator, LUST

SE-12; 350A (MP 37.36 – 73): Otero

Reptiles:
Yellow Mud Turtle, Texas Blind Snake, Triploid Checkered Whiptail, Roundtail Horned Lizard, Midget Faded Rattlesnake, Common King Snake

Mammals:
Townsend Big Eared Bat, Black Tail Prairie Dog

Fish:
Sucker Mouth Minnow, Flathead Chub

Birds:
Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:
LUST

SE-13; 385A (MP 95.06 – 122.88): Kiowa/Prowers

Reptiles:
Yellow Mud Turtle, Midget Faded Rattlesnake, Common King Snake

Mammals:
Black Tail Prairie Dog

Fish:
Sucker Mouth Minnow, Flathead Chub, Arkansas Darter

Birds:
Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:
LUST

SE-13; 385B (MP 123.67 – 135.41): Kiowa

Reptiles:
Yellow Mud Turtle, Midget Faded Rattlesnake, Common King Snake

Mammals:
Black Tail Prairie Dog

Fish:
Arkansas Darter

Birds:
Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Mountain Plover, Burrowing Owl

SE-14; 100A (MP 0 – 0.42): Baca

Reptiles:
Yellow Mud Turtle, Texas Blind Snake, Midget Faded Rattlesnake, Common King Snake

Mammals:
Townsend Big Eared Bat, Black Tail Prairie Dog

Fish:

Arkansas Darter

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Mountain Plover,
Burrowing Owl

SE-15; 116A (MP 0 – 32.32): Baca

Reptiles:

Yellow Mud Turtle, Texas Blind Snake, Midget Faded Rattlesnake, Common King Snake

Mammals:

Townsend Big Eared Bat, Black Tail Prairie Dog

Fish:

Arkansas Darter

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Mountain Plover,
Burrowing Owl

Wildlife Crossings: 1

SE-16; 160C (MP 431.69 – 497): Baca

Reptiles:

Yellow Mud Turtle, Texas Blind Snake, Midget Faded Rattlesnake, Common King Snake

Mammals:

Townsend Big Eared Bat, Black Tail Prairie Dog

Fish:

Arkansas Darter

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Mountain Plover,
Burrowing Owl

Wildlife Crossings: 1

HAZMAT:

LUST

SE-17; 167A (MP 0 – 4.86): Crowley/Otero

Reptiles:

Yellow Mud Turtle, Texas Blind Snake, Triploid Checkered Whiptail, Roundtail Horned
Lizard, Midget Faded Rattlesnake, Common King Snake

Mammals:

Townsend Big Eared Bat, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Flathead Chub, Arkansas Darter

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain
Plover, Burrowing Owl

SE-18; 183A (MP 0 – 1): Bent

Reptiles:

Yellow Mud Turtle, Texas Blind Snake, Triploid Checkered Whiptail, Midget Faded Rattlesnake, Common King Snake

Mammals:

Townsend Big Eared Bat, River Otter, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Flathead Chub

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

SE-19; 194A (MP 0 – 20): Bent/Otero

Reptiles:

Yellow Mud Turtle, Texas Blind Snake, Triploid Checkered Whiptail, Roundtail Horned Lizard, Midget Faded Rattlesnake, Common King Snake

Mammals:

Townsend Big Eared Bat, River Otter, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Flathead Chub

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

LUST

SE-20; 207A (MP 0 – 5.94): Crowley/Otero

Reptiles:

Yellow Mud Turtle, Texas Blind Snake, Triploid Checkered Whiptail, Roundtail Horned Lizard, Midget Faded Rattlesnake, Common King Snake

Mammals:

Townsend Big Eared Bat, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Flathead Chub, Arkansas Darter

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

LUST

Resource Management Plans

The following table shows the resource management plans found within the Southeast Transportation Planning Region.

Resource Management Plans	Link
Royal Gorge Resource Management Plan (+ Royal Gorge Amendments)	http://www.blm.gov/co/st/en.html
Land & Resource Management Plan for Pike National Forest, San Isabel National Forest, Cimarron and Comanche National Grasslands.	http://www.fs.fed.us/r2/psicc/projects/forest_plan/forest_plan.shtml#forest_plan
Colorado Preservation 2010. An Update of Colorado Preservation 2005 the Statewide Historic Preservation Plan	http://www.coloradohistory-oahp.org/publications/pubs/1508.pdf
Annual Report 2005	http://www.water.state.co.us/pubs/annualreport/annlrpt_2005.PDF
Conservation Plan for Grassland Species	http://wildlife.state.co.us/WildlifeSpecies/GrasslandSpecies/grasslandsplan.htm
Link to list of various species/multi-species recovery & conservation plans	http://wildlife.state.co.us/WildlifeSpecies/
Colorado's Comprehensive Wildlife Conservation Strategy including References to Wildlife Action Plans	http://wildlife.state.co.us/WildlifeSpecies/
Link to map showing locations of state parks	http://parks.state.co.us/ParksSearch/ParksSearch.htm
Colorado State Parks Five-Year Strategic Plan 2005-2009	http://parks.state.co.us/About/StrategicPlan/
Park search database	http://nps.gov/applications/parksearch/state.cfm
Database of mining operations	http://www.cdphe.state.co.us/hm/sf_sites.htm
List of the six wildlife refuge areas in Colorado and their websites	http://www.fws.gov/refuges/profiles/ByState.cfm?state=CO
List of active solid waste facilities in state, sorted by county (70 municipal, 250 industrial)	http://www.cdphe.state.co.us/hm/lflist.pdf
Federal Superfund Sites in Colorado (19 NPL sites - 17 finalized, 2 proposed)	http://www.cdphe.state.co.us/hm/sf_sites.htm

Link to Uranium Mill Tailings Remedial Action (UMTRA) Sites in Colorado. Map & fact sheet for each site.	http://www.cdphe.state.co.us/hm/umsites.htm
Searchable database of hazardous waste handlers (generators, transporters, etc.) (9 commercial, 24 non-commercial TSD facilities)	http://www.epa.gov/enviro/html/rcris/rcris_query_java.html
Linking Colorado's Landscapes	http://restoretherockies.org/linkages.htm
Report to the Public 2004-05	http://www.cdphe.state.co.us

Resources: Southwest

The following information demonstrates specific resources found in the corresponding corridors for the Southwest Transportation Planning Region.

SW-01; 003A (MP 0 – 1.27): La Plata

Reptiles:

Midget Faded Rattlesnake

Mammals:

River Otter, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, N Pocket Gopher, Bottas Pocket Gopher

Fish:

Iowa Darter, Colorado Round Tail Chub

Birds:

Mexican Spotted Owl, Long Billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Southwest Willow Fly Catcher

Amphibians:

Boreal Toad

HAZMAT:

LUST

SW-02; 041A (MP 0 – 9.5): Montezuma

Reptiles:

Midget Faded Rattlesnake, Longnose Leopard Lizard, Common King Snake

Mammals:

River Otter, Gunnison Prairie Dog, Townsend Big Eared Bat, N Pocket Gopher, Bottas Pocket Gopher

Fish:

Colorado Round Tail Chub

Birds:

Mexican Spotted Owl, Long Billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Southwest Willow Fly Catcher

SW-03; 084A (MP 0 – 27.92): Archuleta

Reptiles:

Midget Faded Rattlesnake

Mammals:

River Otter, Gunnison Prairie Dog, Wolverine, N. Pocket Gopher, Bottas Pocket Gopher

Fish:

Colorado Round Tail Chub

Birds:

Mexican Spotted Owl, Ferruginous Hawk, Southwest Willow Fly Catcher

Amphibians:

Boreal Toad

Wildlife Crossings: 1

HAZMAT:

LUST

SW-04; 110A (MP 0 – 0.14): San Juan

Mammals:

Wolverine, N. Pocket Gopher

Birds:

Southwest Willow Fly Catcher

Amphibians:

Boreal Toad

HAZMAT:

RCRA Condition Exempt Small Generator, LUST

SW-05; 140A (MP 0 – 23.44): La Plata

Reptiles:

Midget Faded Rattlesnake

Mammals:

River Otter, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, N Pocket Gopher, Bottas Pocket Gopher

Fish:

Iowa Darter, Colorado Round Tail Chub

Birds:

Mexican Spotted Owl, Long Billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Southwest Willow Fly Catcher

Amphibians:

Boreal Toad

HAZMAT:

LUST

SW-06; 141A (MP 0 – 7.35): Dolores

Reptiles:

Midget Faded Rattlesnake, Longnose Leopard Lizard, Common King Snake

Mammals:

River Otter, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, N. Pocket Gopher, Bottas Pocket Gopher

Fish:

Colorado Round Tail Chub

Birds:

Mexican Spotted Owl, Ferruginous Hawk, Southwest Willow Fly Catcher

Amphibians:

Boreal Toad

HAZMAT:

LUST

Designated HAZMAT Route

SW-07; 145A (MP 0 – 59.45): Dolores/Montezuma

Reptiles:

Midget Faded Rattlesnake, Longnose Leopard Lizard, Common King Snake

Mammals:

Lynx, River Otter, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, N. Pocket Gopher, Bottas Pocket Gopher

Fish:

Colorado Round Tail Chub

Birds:

Mexican Spotted Owl, Ferruginous Hawk, Yellow Billed Cuckoo, Southwest Willow Fly Catcher

Amphibians:

Boreal Toad

Wildlife Crossings: 1

HAZMAT:

RCRA Condition Exempt Small Generator, LUST

SW-08; 151A (MP 0 – 33.96): La Plata/Archuleta

Reptiles:

Midget Faded Rattlesnake

Mammals:

River Otter, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, N Pocket Gopher, Bottas Pocket Gopher

Fish:

Iowa Darter, Colorado Round Tail Chub

Birds:

Mexican Spotted Owl, Long Billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Southwest Willow Fly Catcher

Amphibians:

Boreal Toad

HAZMAT:

LUST

SW-09; 160A (MP 0 – 155.09): Montezuma/La Plata/Archuleta

Reptiles:

Midget Faded Rattlesnake, Longnose Leopard Lizard, Common King Snake

Mammals:

River Otter, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, N Pocket Gopher, Bottas Pocket Gopher

Fish:

Iowa Darter, Colorado Round Tail Chub

Birds:

Mexican Spotted Owl, Long Billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Southwest Willow Fly Catcher

Amphibians:

Boreal Toad

Wildlife Crossings: 4

HAZMAT:

Corrective Action Site, RCRA Condition Exempt Small Generator, LUST
Designated HAZMAT Route

SW-09; 160E (MP 0 – 0.06): La Plata

Reptiles:

Midget Faded Rattlesnake

Mammals:

River Otter, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, N Pocket
Gopher, Bottas Pocket Gopher

Fish:

Iowa Darter, Colorado Round Tail Chub

Birds:

Mexican Spotted Owl, Long Billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo,
Snowy Plover, Southwest Willow Fly Catcher

Amphibians:

Boreal Toad

HAZMAT:

LUST

SW-10; 172A (MP 0 – 24.5): La Plata

Reptiles:

Midget Faded Rattlesnake

Mammals:

River Otter, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, N Pocket
Gopher, Bottas Pocket Gopher

Fish:

Iowa Darter, Colorado Round Tail Chub

Birds:

Mexican Spotted Owl, Long Billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo,
Snowy Plover, Southwest Willow Fly Catcher

Amphibians:

Boreal Toad

HAZMAT:

LUST

SW-11; 184A (MP 0 - 8): Montezuma

Reptiles:

Midget Faded Rattlesnake, Longnose Leopard Lizard, Common King Snake

Mammals:

River Otter, Gunnison Prairie Dog, Townsend Big Eared Bat, N Pocket Gopher, Bottas
Pocket Gopher

Fish:

Colorado Round Tail Chub

Birds:

Mexican Spotted Owl, Long Billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo,
Southwest Willow Fly Catcher

HAZMAT:
LUST

SW-11; 184B (MP 9 – 26.6): Montezuma

Reptiles:
Midget Faded Rattlesnake, Longnose Leopard Lizard, Common King Snake

Mammals:
River Otter, Gunnison Prairie Dog, Townsend Big Eared Bat, N Pocket Gopher, Bottas Pocket Gopher

Fish:
Colorado Round Tail Chub

Birds:
Mexican Spotted Owl, Long Billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Southwest Willow Fly Catcher

HAZMAT:
LUST

SW-12; 491A (MP 0 – 6.42): Montezuma

Reptiles:
Midget Faded Rattlesnake, Longnose Leopard Lizard, Common King Snake

Mammals:
River Otter, Gunnison Prairie Dog, Townsend Big Eared Bat, N Pocket Gopher, Bottas Pocket Gopher

Fish:
Colorado Round Tail Chub

Birds:
Mexican Spotted Owl, Long Billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Southwest Willow Fly Catcher

HAZMAT:
Designated HAZMAT Route

SW-13; 491B (MP 26.37 – 69.6): Dolores/Montezuma

Reptiles:
Midget Faded Rattlesnake, Longnose Leopard Lizard, Common King Snake

Mammals:
River Otter, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, N Pocket Gopher, Bottas Pocket Gopher

Fish:
Colorado Round Tail Chub

Birds:
Mexican Spotted Owl, Long Billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Southwest Willow Fly Catcher

Amphibians:
Boreal Toad

HAZMAT:
LUST

Designated HAZMAT Route

SW-14; 550A (MP 0 – 16.56): La Plata

Reptiles:

Midget Faded Rattlesnake

Mammals:

River Otter, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, N Pocket Gopher, Bottas Pocket Gopher

Fish:

Iowa Darter, Colorado Round Tail Chub

Birds:

Mexican Spotted Owl, Long Billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Southwest Willow Fly Catcher

Amphibians:

Boreal Toad

Wildlife Crossings: 1

HAZMAT:

Designated HAZMAT Route

SW-14; 550B (MP 21 – 80.18): La Plata/San Juan

Reptiles:

Midget Faded Rattlesnake

Mammals:

Lynx, River Otter, Gunnison Prairie Dog, Wolverine, Townsend Big Eared Bat, N Pocket Gopher, Bottas Pocket Gopher

Fish:

Iowa Darter, Colorado Round Tail Chub

Birds:

Mexican Spotted Owl, Long Billed Curlew, Ferruginous Hawk, Yellow Billed Cuckoo, Snowy Plover, Southwest Willow Fly Catcher

Amphibians:

Boreal Toad

Wildlife Crossings: 3

HAZMAT:

RCRA Condition Exempt Small Generator, LUST

Resource Management Plans

The following table shows the resource management plans found within the Southwest Transportation Planning Region.

Resource Management Plans	Link
San Juan/San Miguel Resource Management Plan (+ Amendments)	http://www.blm.gov/co/st/en.html
San Juan Public Lands Plan for the Future	http://ocs.fortlewis.edu/forestplan/
Colorado Preservation 2010. An Update of Colorado Preservation 2005 the Statewide Historic Preservation Plan	http://www.coloradohistory-oahp.org/publications/pubs/1508.pdf
Annual Report 2005	http://www.water.state.co.us/pubs/annualreport/annlrpt_2005.PDF
Conservation Plan for Grassland Species	http://wildlife.state.co.us/WildlifeSpecies/GrasslandSpecies/grasslandsplan.htm
Link to list of various species/multi-species recovery & conservation plans	http://wildlife.state.co.us/WildlifeSpecies/
Colorado's Comprehensive Wildlife Conservation Strategy including References to Wildlife Action Plans	http://wildlife.state.co.us/WildlifeSpecies/
Link to map showing locations of state parks	http://parks.state.co.us/ParksSearch/ParksSearch.htm
Colorado State Parks Five-Year Strategic Plan 2005-2009	http://parks.state.co.us/About/StrategicPlan/
Park search database	http://nps.gov/applications/parksearch/state.cfm
Database of mining operations	http://www.cdphe.state.co.us/hm/sf_sites.htm
List of the six wildlife refuge areas in Colorado and their websites	http://www.fws.gov/refuges/profiles/ByState.cfm?state=CO
List of active solid waste facilities in state, sorted by county (70 municipal, 250 industrial)	http://www.cdphe.state.co.us/hm/flist.pdf
Federal Superfund Sites in Colorado (19 NPL sites - 17 finalized, 2 proposed)	http://www.cdphe.state.co.us/hm/sf_sites.htm

Link to Uranium Mill Tailings Remedial Action (UMTRA) Sites in Colorado. Map & fact sheet for each site.	http://www.cdphe.state.co.us/hm/umsites.htm
Searchable database of hazardous waste handlers (generators, transporters, etc.) (9 commercial, 24 non-commercial TSD facilities)	http://www.epa.gov/enviro/html/rcris/rcris_query_java.html
Linking Colorado's Landscapes	http://restoretherockies.org/linkages.htm
Report to the Public 2004-05	http://www.cdphe.state.co.us

Resources: Upper Front Range

The following information demonstrates specific resources found in the corresponding corridors for the Upper Front Range Transportation Planning Region.

UF-01; 001A (MP 0 – 9.96): Larimer

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell

Mammals:

Preble's Meadow Jumping Mouse, White Tailed Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Plains Minnow, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

HAZMAT:

LUST

Air Quality:

8 Hour Ozone

UF-02; 007A (MP 0 – 9.741): Larimer

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell

Mammals:

Lynx, White Tailed Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Plains Minnow, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

HAZMAT:

RCRA Condition Exempt SQG, LUST

Air Quality:

8 Hour Ozone

UF-03; 014B (MP 64.82 – 121.69): Larimer

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell

Mammals:

Preble's Meadow Jumping Mouse, Lynx, White Tailed Prairie Dog, Wolverine,
Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Plains Minnow, Lake Chub, Iowa Darter, Common Shiner,
Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo,
Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

Wildlife Crossings: 1

HAZMAT:

RCRA Condition Exempt SQG, LUST

Air Quality:

8 Hour Ozone

UF-04; 392B (MP 16.04 – 23.6): Weld

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Paptershell

Mammals:

Preble's Meadow Jumping Mouse, River Otter, Northern Pocket Gopher, Black Tail
Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Iowa Darter, Common
Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo,
Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

LUST

Air Quality:

8 Hour Ozone

UF-04; 014C (MP 142.18 – 216.84): Weld

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Paptershell

Mammals:

Preble's Meadow Jumping Mouse, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

Wildlife Crossings: 4

HAZMAT:

RCRA Condition Exempt SQG, LUST

Designated HAZMAT Route

Air Quality:

8 Hour Ozone

UF-05; 025A (MP 217.01 – 269.37): Larimer/Weld

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell, Cylindrical Paptershell

Mammals:

Preble's Meadow Jumping Mouse, White Tailed Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Plains Minnow, Northern Red Belly Dace, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

HAZMAT:

LUST

Designated HAZMAT Route

Air Quality:

8 Hour Ozone

UF-06; 025A (MP 269.37 – 298.88): Larimer/Weld

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell, Cylindrical Paptershell

Mammals:

Preble's Meadow Jumping Mouse, White Tailed Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Plains Minnow, Northern Red Belly Dace, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

Wildlife Crossings: 2

HAZMAT:

RCRA Condition Exempt SQG, LUST

Designated HAZMAT Route

Air Quality:

8 Hour Ozone

UF-07; 034A (MP 0 – 57.85): Larimer

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell

Mammals:

Lynx, White Tailed Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Plains Minnow, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

Wildlife Crossings: 1

HAZMAT:

LUST

Designated HAZMAT Route

Air Quality:

8 Hour Ozone

UF-08; 034A (MP 57.85 – 88): Larimer

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell

Mammals:

Preble's Meadow Jumping Mouse, Lynx, White Tailed Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Plains Minnow, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

HAZMAT:

RCRA Condition Exempt SQG, LUST

Air Quality:

8 Hour Ozone

UF-09; 034A (MP 113.07 – 149.63): Weld/Morgan

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Paptershell

Mammals:

Preble's Meadow Jumping Mouse, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Plains Minnow, Northern Red Belly Dace, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Wildlife Crossings: 1

HAZMAT:

LUST

Air Quality:

8 Hour Ozone

UF-10; 034B (MP 173.57– 180.576): Morgan

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Paptershell

Mammals:

River Otter, Black Tail Prairie Dog

Fish:

Plains Minnow, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Condition Exempt SQG, RCRA Small Generator, LUST
Designated HAZMAT Route

UF-10; 034E (MP 0 – 0.45): Morgan

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Paptershell

Mammals:

River Otter, Black Tail Prairie Dog

Fish:

Plains Minnow, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover,
Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

LUST

UF-11; 036A (MP 0 – 6.98): Larimer

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell

Mammals:

Lynx, White Tailed Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter,
Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Plains Minnow, Lake Chub, Iowa Darter, Common Shiner,
Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo,
Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

HAZMAT:

RCRA Condition Exempt SQG, LUST

Air Quality:

8 Hour Ozone

UF-11; 036B (MP 0 – 13.242): Larimer

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell

Mammals:

Preble's Meadow Jumping Mouse, Lynx, White Tailed Prairie Dog, Wolverine,
Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Plains Minnow, Lake Chub, Iowa Darter, Common Shiner,
Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo,
Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

Wildlife Crossings: 1

HAZMAT:

RCRA Condition Exempt SQG, LUST

Air Quality:

8 Hour Ozone

UF-11; 066A (MP 0 – 1.42): Larimer

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell

Mammals:

White Tailed Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Plains Minnow, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

HAZMAT:

LUST

Air Quality:

8 Hour Ozone

UF-12; 052A (MP 7.196 – 29.28): Weld

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Paptershell

Mammals:

River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Small Generator, LUST

Designated HAZMAT Route

Air Quality:

8 Hour Ozone

UF-13; 052A (MP 29.28 – 72.58): Weld/Morgan

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Paptershell

Mammals:

Preble's Meadow Jumping Mouse, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Plains Minnow, Northern Red Belly Dace, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

LUST

Designated HAZMAT Route

Air Quality:

8 Hour Ozone

UF-14; 066B (MP 38.921 – 51.39): Weld

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Paptershell

Mammals:

Preble's Meadow Jumping Mouse, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Condition Exempt SQG, RCRA Small Generator, LUST

Air Quality:

8 Hour Ozone

UF-14; 119C (MP 57 – 63.64): Weld

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Paptershell

Mammals:

Preble's Meadow Jumping Mouse, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Condition Exempt SQG, RCRA Small Generator, LUST

Air Quality:

8 Hour Ozone

UF-15; 071D (MP 156.076 – 174.36): Morgan

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Paptershell

Mammals:

River Otter, Black Tail Prairie Dog

Fish:

Plains Minnow, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

Designated HAZMAT Route

UF-15; 052B (MP 86.77 – 111.54): Weld/Morgan

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Paptershell

Mammals:

River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Plains Minnow, Northern Red Belly Dace, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

LUST

Air Quality:

8 Hour Ozone

UF-15; 071F (MP 205.53 – 232.82): Weld

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Paptershell

Mammals:

River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

Designated HAZMAT Route

Air Quality:

8 Hour Ozone

UF-15; 071E (MP 175.49– 201.64): Weld/Morgan

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Paptershell

Mammals:

River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Plains Minnow, Northern Red Belly Dace, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

LUST

Designated HAZMAT Route

Air Quality:

8 Hour Ozone

UF-16; 076A (MP 12.5 – 184): Weld/Morgan

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Paptershell

Mammals:

Preble's Meadow Jumping Mouse, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Plains Minnow, Northern Red Belly Dace, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Condition Exempt SQG, LUST

Designated HAZMAT Route

Air Quality:

8 Hour Ozone

UF-16; 006J (MP 371.69– 380.6): Morgan

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Paptershell

Mammals:

River Otter, Black Tail Prairie Dog

Fish:

Plains Minnow, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

UF-16; 034B (MP 159 – 173.57): Morgan

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Paptershell

Mammals:

River Otter, Black Tail Prairie Dog

Fish:

Plains Minnow, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Condition Exempt SQG, RCRA Small Generator, LUST
Designated HAZMAT Route

UF-17; 256A (MP 0 – 3): Weld

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Paptershell

Mammals:

River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

LUST

Air Quality:

8 Hour Ozone

UF-17; 085C (MP 236.034 – 279.84): Weld

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Paptershell

Mammals:

Preble's Meadow Jumping Mouse, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

HAZMAT:

RCRA Condition Exempt SQG, LUST

Designated HAZMAT Route

Air Quality:

8 Hour Ozone

UF-18; 085L (MP 279.84 – 309.542): Weld

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Paptershell

Mammals:

Preble's Meadow Jumping Mouse, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Stone Cat, Northern Red Belly Dace, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Mountain Plover, Burrowing Owl

Wildlife Crossings: 3

HAZMAT:

RCRA Condition Exempt SQG, LUST

Air Quality:

8 Hour Ozone

UF-19; 144A (MP 0 – 28.8): Morgan

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Paptershell

Mammals:

Preble's Meadow Jumping Mouse, River Otter, Black Tail Prairie Dog

Fish:

Plains Minnow, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

HAZMAT:

LUST

UF-19; 039A (MP 0 – 6.9): Morgan

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Cylindrical Paptershell

Mammals:

Preble's Meadow Jumping Mouse, River Otter, Black Tail Prairie Dog

Fish:

Plains Minnow, Brassy Minnow

Birds:

Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

UF-20; 287C (MP 355.85 – 384.99): Larimer

Reptiles:

Midget Faded Rattlesnake, Common Garter Snake

Mollusks:

Rocky Mountain Capshell

Mammals:

Preble's Meadow Jumping Mouse, White Tailed Prairie Dog, Wolverine, Townsend Big Eared Bat, River Otter, Northern Pocket Gopher, Black Tail Prairie Dog

Fish:

Sucker Mouth Minnow, Plains Minnow, Lake Chub, Iowa Darter, Common Shiner, Brassy Minnow

Birds:

Mexican Spotted Owl, Long-billed Curlew, Ferruginous Hawk, Yellow-Billed Cuckoo, Snowy Plover, Whooping Crane, Mountain Plover, Burrowing Owl

Amphibians:

Boreal Toad

Wildlife Crossings: 1

HAZMAT:

RCRA Condition Exempt SQG, LUST

Air Quality:

8 Hour Ozone

Resource Management Plans

The following table shows the resource management plans found within the Upper Front Range Transportation Planning Region.

Resource Management Plans	Link
Travel Management Plan	http://www.blm.gov/co/st/en.html
Northeast Resource Management Plan (+ Northeast Amendments)	http://www.blm.gov/co/st/en.html
Land & Resource Management Plan for Arapaho National Forest, Roosevelt National Forest, and Pawnee National Grasslands.	http://www.fs.fed.us/r2/arnf/projects/forest-planning/management-plan/index.shtml
Colorado Preservation 2010. An Update of Colorado Preservation 2005 the Statewide Historic Preservation Plan	http://www.coloradohistory-oahp.org/publications/pubs/1508.pdf
Annual Report 2005	http://www.water.state.co.us/pubs/annualreport/annlrpt_2005.PDF
Conservation Plan for Grassland Species	http://wildlife.state.co.us/WildlifeSpecies/GrasslandSpecies/grasslandsplan.htm
Link to list of various species/multi-species recovery & conservation plans	http://wildlife.state.co.us/WildlifeSpecies/
Colorado's Comprehensive Wildlife Conservation Strategy including References to Wildlife Action Plans	http://wildlife.state.co.us/WildlifeSpecies/
Link to map showing locations of state parks	http://parks.state.co.us/ParksSearch/ParksSearch.htm
Colorado State Parks Five-Year Strategic Plan 2005-2009	http://parks.state.co.us/About/StrategicPlan/
Park search database	http://nps.gov/applications/parksearch/state.cfm
Database of mining operations	http://www.cdphe.state.co.us/hm/sf_sites.htm
List of the six wildlife refuge areas in Colorado and their websites	http://www.fws.gov/refuges/profiles/ByState.cfm?state=CO
List of active solid waste facilities in state, sorted by county (70 municipal, 250 industrial)	http://www.cdphe.state.co.us/hm/lflist.pdf
Federal Superfund Sites in Colorado (19 NPL sites - 17 finalized, 2 proposed)	http://www.cdphe.state.co.us/hm/sf_sites.htm

Link to Uranium Mill Tailings Remedial Action (UMTRA) Sites in Colorado. Map & fact sheet for each site.	http://www.cdphe.state.co.us/hm/umsites.htm
Searchable database of hazardous waste handlers (generators, transporters, etc.) (9 commercial, 24 non-commercial TSD facilities)	http://www.epa.gov/enviro/html/rcris/rcris_query_java.html
Linking Colorado's Landscapes	http://restoretherockies.org/linkages.htm
Report to the Public 2004-05	http://www.cdphe.state.co.us