



THE WILDERNESS SOCIETY

Four Corners States Regional Office

July 10, 2006

Delivered via electronic mail and overnight mail

Office of Electricity Delivery and Energy Reliability
Room 8H-033
U.S. Department of Energy
1000 Independence Avenue, S.W.
Washington, DC 20585

Re: Comments on Preliminary Map of Potential Energy Corridors - Programmatic Environmental Impact Statement (PEIS)

To Whom It May Concern:

Please accept and fully consider these comments, which are submitted on behalf of The Wilderness Society and other organizations. The Wilderness Society, founded in 1935, strives to deliver to future generations an unspoiled legacy of wild places. Our 250,000 members nationwide care deeply about the management of our public lands. We appreciate the opportunity to submit these comments to the Department of Energy, the Bureau of Land Management, the U.S. Forest Service and their cooperating agencies. We are submitting these comments today via electronic mail and also by mail.

I. The preliminary map does not provide sufficient information for meaningful comment and analysis.

In our scoping comments (submitted November 23, 2005 and incorporated herein by reference), we emphasized the importance of the agencies collecting and utilizing GIS data layers to identify the relationship of proposed corridors to designated and sensitive areas. The areas for which the agencies should collect and use GIS data are:

1. Designated Wilderness Areas (Available from USFS, BLM, NPS, NWR);
2. Wilderness Study Areas (WSAs) (Available from BLM and USFS);
3. National Parks, National Recreation Areas, National Historic Sites, National Historic parks, and National Preserves (Available from NPS);
4. National Wildlife Refuges (Available from US Fish and Wildlife Service);
5. National Monuments (Available from NPS, BLM and USFS);

6. National Conservation Areas (Available from BLM);
7. Other lands within BLM's NLCS (Available from BLM);
8. National Historic and National Scenic Trails (Available from BLM, USFS, NPS);
9. National Wild, Scenic, and Recreational Rivers, study rivers and segments, and eligible rivers and segments (Available from BLM, USFS, NPS);
10. Areas of Critical Environmental Concern (ACECs - Available from BLM);
11. Forest Service Roadless Areas (Available from USFS);
12. Threatened, endangered and sensitive species habitat (available from USFWS, state wildlife agencies and from NatureServe);
13. Critical cores and linkages for wildlife habitat (available from USFWS and state wildlife agencies, (available from USFWS and state wildlife agencies, including the State Comprehensive Wildlife Conservation Strategies required by Congress through the State Wildlife Grants Program); and
14. Citizen-Proposed Wilderness Areas: Submitted under separate cover with data and contact information for each state affected by the PEIS.

Unfortunately, despite the statement in the press release that the preliminary map was "developed using comments received during a public scoping period," the preliminary map does not even display boundaries for any of the above areas except for National Parks and National Wildlife Refuges. BLM and Forest Service lands appear as undifferentiated blocks, without any depiction of important legal designations such as Wilderness, WSAs, National Monuments, and ACECs. Forest Service Roadless Areas and Citizen-Proposed Wilderness are also not shown on these lands. Further, no information on wildlife habitat is displayed.

Other key information not provided but important for public comment is data reflecting:

1. the location of the centerline for each proposed corridor, which will provide key information as to the exact location of the entire proposed corridor;
2. whether the location is an existing right-of-way, which will permit consideration of current uses; and
3. other approved or proposed energy corridors, which will permit consideration of the real need for the proposed corridor and of workable alternatives.

A revised corridor map should show the different status and protected areas on BLM and Forest Service Lands, with the names of all designated areas, including National Park Service units, accessible (an on-line map could certainly present this information when a mouse is held over it, so it would not require that all data be displayed at once). This would facilitate true public comment.

Recommendation: The map of proposed corridors and accompanying EIS should display and/or otherwise include all of the data identified above at an appropriate scale so that the general public can adequately assess the data.

II. Energy corridors should not be sited in designated conservation areas or in other areas with sensitive natural values.

As discussed in our scoping comments, certain areas should be presumptively avoided in placing transmission corridors under this process. These places have been formally designated or otherwise identified because of their special natural values, which could be damaged or destroyed by the surface disturbance, alteration of viewsheds and features, impact to air and water quality, erosion, and increased human access likely to occur in connection with the construction and use of energy corridors. Accordingly, energy corridors should not be sited in the following areas:

1. Wilderness Areas;
2. Wilderness Study Areas (WSAs);
3. National Parks;
4. National Wildlife Refuges;
5. National Monuments;
6. National Conservation Areas;
7. Other lands within BLM's National Landscape Conservation System (NLCS), such as Outstanding Natural Areas and Cooperative Management Areas, or areas that have been proposed for designation by pending legislation¹;
8. National Historic and National Scenic Trails;
9. National Wild, Scenic, and Recreational Rivers, study rivers and segments, and eligible rivers and segments;
10. Areas of Critical Environmental Concern (ACECs);
11. Forest Service Roadless Areas;
12. Threatened, endangered and sensitive species habitat;
13. Other critical cores and linkages for wildlife habitat, such as that identified by state wildlife agencies through State Wildlife Conservation Strategies²;

¹ Such as:

- S.3599, sponsored by Senator Jeff Bingaman [NM] to establish the Prehistoric Trackways National Monument;
- H.R.233, sponsored by Representative Mike Thompson [CA-1] to designate Wilderness areas and a Wild and Scenic River segment;
- H.R.5159, sponsored by Representative Howard (Buck) McKeon [CA-25] to designate Wilderness and designate certain rivers as Wild and Scenic Rivers in California;
- H.R.2514, sponsored by Representative Michael Simpson [ID-2] to designate Wilderness areas and otherwise promote economic development and recreational use of public lands in central Idaho; and
- H.R.3534, sponsored by Representative Lois Capps [CA-23] to designate the Piedras Blancas Light Station and surrounding public land as an Outstanding Natural Area;

² For example, the Arizona Game and Fish Department has identified the Kaibab-Paunsaugunt wildlife corridor as a critical linkage for migrating mule deer between southern Utah and northern Arizona's Kaibab Plateau. See: Carrel, William K., Richard A. Ockenfels, and Raymond E. Schweinsburg. 1999. An Evaluation of Annual Migration Patterns of the Paunsaugunt Mule Deer Herd Between Utah and Arizona. Arizona Game and Fish Department Technical Report 29. Phoenix. 44 pages

14. Citizen Proposed Wilderness Areas (which have been proposed for wilderness protection because they are otherwise undisturbed or restorable. Siting a major energy corridor in these areas would irreparable damage otherwise pristine wildlands); and
15. Other lands with wilderness characteristics as identified by the land management agencies or the public.

While it is difficult to determine whether many of these areas are impacted because of the inadequacies in the map described above, some corridors do appear to be located in designated conservation areas and not along highways, such as the corridor in Oregon crossing through the Cascade-Siskiyou National Monument. We have prepared a preliminary list of areas that appear to be impacted, attached as Appendix A to these comments. Please provide the following information for each area in the Draft PEIS or in any other interim version of this map that is released:

1. whether the corridor will be within the boundaries of the area;
2. the exact placement of the centerline in relation to the boundaries of the area;
3. whether the proposed corridor is located along an existing right-of-way and the current scope of use of such right-of-way;
4. whether the proposed corridor is located along a highway, road or other transportation feature and the condition and use of the feature.

Recommendations: Based on their important natural values and potential for damage from the construction, use and maintenance of the corridors, the PEIS should include a commitment not to permit siting of energy corridors in the types of areas identified above through this process. The agencies should also provide specific responses and requested data regarding the areas identified in Appendix A, and to other areas identified as sensitive, such as key wildlife migration areas, in the Draft PEIS or in any other interim disclosures of information.

III. NEPA requires consideration of less environmentally damaging alternatives and inclusion of mandatory management practices.

As discussed in our scoping comments, the National Environmental Policy Act (NEPA) requires the agencies to “rigorously explore and objectively evaluate” a range of alternatives to proposed federal actions. *See* 40 C.F.R. §§ 1502.14(a) and 1508.25(c). Importantly, this evaluation extends to considering more environmentally protective alternatives and mitigation measures.³ The purpose of NEPA’s alternatives requirement is to ensure agencies do not undertake projects “without intense consideration of other more ecologically sound courses of action, including shelving the entire project, or of accomplishing the same result by entirely different means.”⁴

³ *See, e.g., Kootenai Tribe of Idaho v. Veneman*, 313 F.3d 1094, 1122-1123 (9th Cir. 2002) (and cases cited therein).

⁴ *Env’t Defense Fund., Inc. v. U.S. Army Corps. of Eng’rs*, 492 F.2d 1123, 1135 (5th Cir. 1974); *see also, City of New York v. Dept. of Transp.*, 715 F.2d 732, 743 (2nd Cir. 1983) (NEPA’s requirement for consideration of a range of alternatives is intended to prevent the EIS from becoming “a foreordained formality.”); *Utahns for Better Transportation v. U.S. Dept. of Transp.*, 305 F.3d 1152 (10th Cir. 2002), modified in part on other grounds, 319 F.3d 1207 (2003); *Or. Env’tl. Council v. Kunzman*, 614 F.Supp. 657, 659-660 (D. Or. 1985) (stating that the

Whether an alternative is “reasonable” or not turns on whether it will accomplish the stated purpose for the project.⁵ For this PEIS, the stated purpose is to designate corridors on federal land in the eleven contiguous Western states for oil, gas and hydrogen pipelines and electricity transmission and distribution facilities. In order to fulfill this purpose, the PEIS should evaluate a range of alternatives, including those more likely to protect the many values of the public lands that are likely to be impacted by the designation of corridors, such as the places discussed above.

From our review of the preliminary map, it appears that many corridors are sited along highways or roads, and the information provided also indicates that efforts have been made to site corridors along existing rights-of-way. This is consistent with our recommendations and we appreciate this approach. However, this is not the end of the inquiry and less environmentally damaging alternatives may still be available and preferable.

Since most rights-of-ways and roads are not 3,500 feet (approximately 2/3 mile) in width (the standard width identified on the preliminary map) and not all are suitable for use as energy corridors with pipelines carrying oil and gas or for above-ground transmission lines, they are not necessarily suitable for designation in this PEIS. For instance, the road along which a corridor appears to be proposed in Grand Staircase-Escalante National Monument in Utah is actually a narrow dirt road, while the corridor in Cascade-Siskiyou National Monument in Oregon is along a narrow utility right-of-way. The corridor in Sonoran Desert National Monument is along the primary route through the Monument and is a priority viewshed for visitor enjoyment of the Monument. Also, the effects of a corridor will be different depending on where the centerline for the proposed right-of-way will be. For instance, there is a proposed corridor along the border of Mojave National Preserve in California that might, depending on the location of the centerline, extend into the Preserve and/or adjacent BLM wilderness.

Other energy corridors already approved or in the process of approval in the vicinity of a proposed corridor identified on the preliminary map could well provide a workable alternative. For this reason, identifying other energy corridors, as requested above, will supply valuable information for developing and assessing alternatives.

Additional protective measures can be implemented as mandatory management practices, which would govern the design, construction and use of energy corridors. For instance, where a sensitive visual resource is involved, only buried use of corridors may be acceptable. However, where a vulnerable (in terms of geology and hydrogeology) watershed would be impacted, buried oil and gas pipelines is likely an inappropriate use. Where critical wildlife habitat is impacted, or streams or other waterbodies could be encompassed by the corridor’s

alternatives that must be considered under NEPA are those that would “avoid or minimize” adverse environmental effects).

⁵ Simmons v. U.S. Army Corps of Engineers, 120 F.3d 664, 669-670 (7th Cir. 1997) (range of alternatives is not limited to the means by which a particular applicant can achieve his goals; failure to examine a viable alternative will render an EIS inadequate); City of Carmel-By-The-Sea v. U. S. Dep’t of Transp., 123 F.3d 1142, 1155 (9th Cir. 1997) (“[t]he stated goal of a project necessarily dictates the range of ‘reasonable’ alternatives”).

width, only narrower corridors may be appropriate and immediate restoration may be necessary.

The best way to ensure uniform standards and maximum protective effects is to design and mandate these conditions in this PEIS. Otherwise, the effect of piecemeal analysis, inconsistent implementation and application of categorical exclusions (such as those set out in Section 390 of the Energy Policy Act) are likely to undermine protective conditions. Management practices should include mandatory limiting of uses in more sensitive areas and mitigating impacts to high quality scenery by requiring use of buried facilities (where appropriate) and restoring the surface. A similar approach was implemented in the June 2005 PEIS for Wind Energy Development on BLM Lands, which included a broad analysis of environmental consequences and mandatory mitigation measures, as well as a directed approach for completing project-specific analysis. The Wind Energy PEIS excluded all Wilderness, BLM NLCS lands and ACECs from consideration for development of wind energy (including transmission lines) and explicitly outlined Best Management Practices (BMPs), which were mandatory for all projects, then required development of additional site-specific mitigation measures in connection with the analysis and approval of individual projects. As discussed in further detail in our scoping comments, this approach would enable the agencies to best fulfill their obligations to assess more environmentally protective alternatives and mitigate potential environmental impacts.

Recommendations: Consider opportunities for more environmentally protective alternatives, including alternative locations for corridors and limiting uses based on resources in the area of potential corridors. Include a full dataset that describes the existing network of energy and utility corridors and includes information as to their current capacity, use, and size. Also include information on other proposed corridors, such as the Devers-Palo Verde No. 2 Transmission Line project through the Southwest. Identify mandatory best management practices in the PEIS and the circumstances in which such BMPs are required to apply to the design, construction and use of transmission facilities in corridors in specified circumstances in a manner analogous to BLM's PEIS for Wind Energy Development. (For example, the PEIS should identify BMPs that would apply to electric transmission facilities that might traverse an existing ROW in proximity to a national wildlife refuge. BMPs for such an area would be designed to eliminate impacts to wildlife populations and/or identified viewshed parameters.)

IV. Not all corridors are appropriate for designation through this PEIS and this process should further be coordinated with the designation of national interest electric transmission corridors to identify where corridors are truly needed.

This PEIS is being conducted pursuant to Section 368 of the Energy Policy Act of 2005. The process described in Section 368 is expedited, requiring the agencies to complete any environmental reviews and incorporate the corridors into existing land use plans as part of the designation process by August 2007 for the 11 Western States. Section 368 also requires that the agencies establish procedures to ensure that additional corridors are designated promptly and to expedite applications for construction of pipelines and facilities within the designated corridors. Accordingly, designation of an energy corridor in this PEIS should be limited to those locations where there is a pressing need to transport energy and where other corridors are not available. Where other corridors are available, all uses should be limited to a single

corridor – such that the existing corridor is used or a new corridor is designated and existing corridors are eradicated. These considerations should be especially important where sensitive areas are impacted. Where there is not a pressing need for a new corridor or sensitive natural values may be impacted, designating a corridor for more limited uses or through a less accelerated process would be preferable.

Further, valuable information regarding the real need for energy corridors can be gained by coordinating with the concurrent process being conducted under Section 1221 of the Energy Policy Act. Section 1221 requires the Department of Energy to conduct a study of electric transmission congestion and designate as “national interest electric transmission corridors” any geographic area experiencing electric energy transmission capacity constraints or congestion that adversely affects consumers. The first step of this process is a report, to be issued in August 2006, to identify areas experiencing or expected to experience constraints or congestion. The results of this study may permit the agencies to identify areas that are not in need of accelerated designation of wide, high occupancy and use energy corridors.

Recommendations: Consider where corridors are truly needed for accelerated designation of the width and intensity of use envisioned under Section 368, and where they might be deferred to more traditional considerations. Coordinate with the study of congestion and constraints being conducted under Section 1221 and make use of the results of the study to prioritize corridors for designation.

V. The agencies should develop an informative map, with the underlying data made available, and provide an additional public comment on proposed locations prior to publication of the Draft PEIS.

NEPA requires the agencies to “insure that environmental information is available to public officials and citizens before decisions are made and action are taken” and to provide the interested public with accurate, “high quality” information, so that they can carry out the “public scrutiny” that is considered “essential to implementing NEPA.” 40 C.F.R. § 1500.1(b). The Data Quality Act further obligates the agencies to use information that is of high quality and that is objective, useful, and verifiable by others.⁶ In carrying out these Data Quality Act requirements, the agencies must make data and methods available to the public in order to permit independent reanalysis by qualified members of the public.⁷

The inappropriate scale and information missing from the preliminary map, some of which is as basic as identifying the boundaries of Wilderness and National Monuments, prevents a clear understanding of the proposed location of corridors and the potential impacts to natural values. Additionally, without the GIS shapefiles used to create the map, the public will have a more difficult time verifying the agencies’ analysis of potential impacts and identifying potentially

⁶ Treasury and General Government Appropriations Act for Fiscal Year 2001, Pub.L.No. 106-554, § 515. *See also*, Office of Management and Budget “Guidelines for Ensuring and Maximizing the Quality, Objectivity, Utility, and Integrity of Information Disseminated by Federal Agencies,” applicable to all agencies, 67 Federal Register 8452 (Feb. 22, 2002).

⁷ Office of Management and Budget “Guidelines for Ensuring and Maximizing the Quality, Objectivity, Utility, and Integrity of Information Disseminated by Federal Agencies,” 67 Federal Register 8452 (Feb. 22, 2002).

preferable alternatives.⁸ These data do not meet the agencies' obligations under NEPA or the Data Quality Act and the current preliminary map makes meaningful public comment extremely difficult.

We appreciate the agencies' effort to make information available to the public. However, prior to publishing a Draft PEIS with a limited range of alternatives for the public to choose from and comment on, the agencies should give the public a true opportunity to comment on the preliminary proposed locations.

Recommendations: The agencies should prepare a map at an appropriate scale that provides all the information detailed above, including boundaries and locations of affected areas and natural values, placement of centerlines for proposed energy corridors, other corridors available or under consideration, and data on energy needs from the report being prepared under Section 1221. The agencies should also provide, on the PEIS website, downloadable versions of the shapefiles used to create the maps. A further public comment period on the preliminary energy corridors should then be provided prior to issuing the Draft PEIS. Based on these comments, in addition to those received earlier, the agencies should then proceed to generate a reasonable range of alternatives and prepare a Draft PEIS.

Designating appropriate locations to move energy and to focus development can have significant benefits for transporting needed energy while protecting the many values of our public lands. We look forward to continuing to receive information on proposed energy corridor locations and uses, and providing constructive comments as the designation process continues. Please feel free to contact us if you have any questions or need additional information. We would also welcome the opportunity to meet with you to present and discuss these comments in person.

Sincerely,



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⁸ In this context, we would note that the BLM has already implemented this type of approach. Along with its release of the Draft RMP, the BLM's Arizona Strip Field Office provided zipped GIS files for all data layers needed to create the maps contained in the Draft RMP (and can be viewed on-line at <http://www.blm.gov/az/GIS/files.htm#strip>). At a minimum, the agencies should provide the public with the shapefile depicting the proposed energy corridors. The server space required for this operation is minimal and without this information, effective public participation in this process is severely hampered.

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**APPENDIX A to TWS Comments on Preliminary Corridor Map
July 10, 2006**

The following list includes lands we believe are or may be impacted by the proposed energy corridors. This list is organized by state and then by land type within each state. Because our request to the lead agencies for the GIS shapefile of the energy corridors was not granted and we felt that it was vital to try to determine the actual locations of the proposed corridors, we created and used a GIS shapefile of the potential energy corridors by georeferencing a copy of the map provided by the agencies on the federal website in ArcView, connecting the corridors across private, tribal, and Department of Defense lands so that the full scope and impact of the proposed corridors could be analyzed. Further, we were not provided with GIS shapefiles or any other means of identifying existing corridors, so it is difficult to determine whether or not a proposed energy corridor is an expansion of an existing corridor or a new proposal.

Specifically, we analyzed the placement of the proposed corridors in relation to the following types of lands for each state: BLM National Monuments, BLM National Conservation Areas, National Park Service Lands, USFWS Lands, Wilderness Areas, Wilderness Study Areas (WSAs), Proposed Wilderness, USFS Inventoried Roadless Areas, Wild and Scenic Rivers, and National Historic and Scenic Trails. For the purposes of this analysis WSAs and USFS Inventoried Roadless Areas were not included in the "Proposed Wilderness" category, because, while they may well be suitable for Wilderness designations, these areas have other designations formally recognized by the agencies. The Proposed Wilderness category reflects areas found suitable and proposed by citizens for Wilderness designations.

Areas for which we did not have the necessary GIS data such as Areas of Critical Environmental Concern (ACEC) and critical habitat were not analyzed West-wide; however, for areas where this information was available this analysis is included. Not all states contain the land types analyzed. An omission of a particular land type under the state heading means that either this land type is not present in the state (e.g. no BLM NCAs in Wyoming) or no unit within this land type appears to be impacted by the proposed corridors.

To reiterate, for each of the areas identified below, we request that the agencies respond to the following inquiries, in the Draft PEIS and in any subsequent data provided prior to the formal release of the Draft PEIS:

1. What is the location of the centerline of the proposed corridor in relation to the unit identified?
2. What is the width of the proposed corridor at its intersection and/or bordering of the unit identified?
3. Is the proposed corridor an existing right-of-way, corridor, transmission line, or US or State Highway? If so, does the 3,500 foot width of the corridor extend into the unit identified?
4. Are there other lands within these categories that are impacted but not included on this list?

1. Arizona

BLM National Monuments

#	Unit	Land Management Agency	Corridor Issue
1	Sonoran Desert National Monument	BLM	A corridor runs directly through the middle of the National Monument along Interstate 8
2	Ironwood Forest National Monument	BLM	A corridor appears to run to the east of the National Monument along Interstate 10
3	Agua Fria National Monument	BLM	A corridor appears to run directly to the west of the National Monument along Interstate 17
4	Vermillion Cliffs NM and Paria-Canyon Vermillion Cliffs Wilderness	BLM	A corridor runs along the N and W boundaries of the NM and Wilderness possibly along US HWY 89

BLM National Conservation Areas

#	Unit	Land Management Agency	Corridor Issue
1	Las Cienegas National Conservation Area	BLM	A corridor appears to run to the north of the NCA along Interstate 10
2	San Pedro Riparian National Conservation Area	BLM	A corridor appears to run to the north of the NCA along Interstate 10

National Park Service Lands

#	Unit	Land Management Agency	Corridor Issue
1	Lake Mead National Recreation Area	NPS	A corridor runs through the middle of the NRA and it does not appear to be along a road
2	Glenn Canyon National Recreation Area	NPS	A corridor cuts through the NRA adjacent to US HWY 89
3	Fort Bowie National Historic Site	NPS	A corridor appears to run through this unit
4	Hohokam Pima National Monument	NPS	A corridor appears to run through this unit
5	Saguero National Park and Wilderness Area	NPS	A corridor appears to run along the NE corner of the National Park and Wilderness Areas along Interstate 10

USFWS Lands

#	Unit	Land Management Agency	Corridor Issue
1	Havasu National Wildlife Refuge and Wilderness	USFWS	A corridor appears to run through the middle of the NWR, along US HWY 66

Wilderness Areas

#	Unit	Land Management Agency	Corridor Issue
1	Strawberry Crater Wilderness	USFS	A corridor appears to run along the western edge of the Wilderness but may run along US HWY 89
2	West Clear Creek/Fossile Springs/Mazatal Wilderness	USFS	A corridor appears to run through all 3 Wilderness Areas not along a road
3	Pine Mountain/Cedar Bench Wilderness	USFS	A corridor appears to run just to the east of these 2 areas
4	Castle Creek Wilderness Area	USFS	A corridor appears to run to the east of the Wilderness along Interstate 17
5	Hell's Gate Wilderness Area	USFS	A corridor appears to run through the Wilderness, but it may be north along State HWY 260
6	Chiricahua National Monument and Wilderness	NPS	A corridor appears to run to the North of the Monument/Wilderness not along a road
7	Table Top Wilderness	BLM	A corridor appears to run through the Wilderness area but may be north of the Wilderness along Interstate 8
8	South Maricopa Mountain Wilderness	BLM	A corridor appears to run along the southern border of the Wilderness along Interstate 8
9	Eagle Tail Mountains Wilderness	BLM	A corridor appears to run through the Wilderness Area but may be north of the Wilderness along Interstate 10
10	New Water Mountains Wilderness	BLM	A corridor appears to run through the northern portion of the Wilderness but may be north of the Wilderness Area along Interstate 10
11	Humming Bird Springs/Harquahala Wilderness	BLM	A corridor appears to run through these Wilderness Areas not near a road
12	Swansea Wilderness	BLM	A corridor appears to run through the NE corner of the Wilderness Area not along a road
13	Mount Nut Wilderness	BLM	A corridor appears to run through the northern part of the Wilderness but may north along State HWY 68

Proposed Wilderness Areas

#	Unit	Land Management Agency	Corridor Issue
1	Mojave Wash Proposed Wilderness	BLM	A corridor appears to run through this proposed wilderness area not along a road
2	Crossman Peak Proposed Wilderness	BLM	A corridor appears to run along the eastern boundary of the proposed wilderness not along a road
3	Swansea/Buckskin Mountain Proposed Wilderness	BLM	A corridor appears to run through these 2 units not along a road
4	Harquahala/Hummingbird Proposed Wilderness	BLM	A corridor appears to run along the NE boundary of the proposed Wilderness
5	Belmont Mountains Proposed Wilderness	BLM	A corridor appears to run directly through the proposed Wilderness but may be north of the unit along Interstate 10
6	Talon Tank Mountains Proposed Wilderness	BLM	A corridor appears to run through the NE corner of the proposed Wilderness but probably north of the unit along Interstate 10
7	Harcuvar Mountains Proposed Wilderness	BLM	A corridor appears to run along the western edge of the Unit along Cunningham Pass Road
8	Saddle Mountain Proposed Wilderness	BLM	A corridor appears to run through the unit but may be north of the unit along Interstate 10
9	Sand Tank Mountains Proposed Wilderness	BLM	A corridor appears to run through the units but may be north of the units along Interstate 8
10	Area 51 Proposed Wilderness	BLM	A corridor appears to run along the southern boundary of the unit but may be north of the unit along Interstate 8
11	Black Canyon/Perry Mesa Proposed Wilderness	BLM	A corridor appears to run between these units (3,500' issue) may be along Interstate 17

USFS Inventoried Roadless Areas

#	Unit	Land Management Agency	Corridor Issue
1	Santa Rita/Whetstone/Middle Dragoon/Chiricahua USFS Roadless	USFS	A corridor appears to pass through these units but may be north of the units along Interstate 10
2	Padre Canyon USFS Roadless	USFS	A corridor appears to run just to the west of this unit not along a road
3	Lime Creek USFS Roadless	USFS	A corridor appears to run through this unit not along a road

4	Hell's Gate/Boulder USFS Roadless	USFS	A corridor appears to run through these units not along a road
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National Historic and Scenic Trails

#	Unit	Land Management Agency	Corridor Issue
1	Juan Batista de Anza Trail	BLM/USFS	A corridor cuts across and runs along the trail near Interstate 19 (W/SW Arizona)

Critical Habitat

#	Unit	Land Management Agency	Corridor Issue
1	Tumacocori Highlands Proposed Wilderness and Jaguar Habitat	USFS	A corridor cuts through this proposed Wilderness and critical habitat

2. California

BLM National Monuments

#	Unit	Land Management Agency	Corridor Issue
1	Santa Rosa/San Jacinto Mountains National Monument	BLM	A corridor appears to come directly to the eastern border of the National Monument, but does not continue through

BLM National Conservation Areas

#	Unit	Land Management Agency	Corridor Issue
1	California Desert National Conservation Area	BLM	A total of 6 corridor segments run through the NCA, along the following roads (State HYW 14, US HWY 395, Interstate 40, Interstate 15)
2	Headwaters Forest Preserve	BLM	A corridor appears to run along the southern edge of the Preserve along State Route 36

National Park Service Lands

#	Unit	Land Management Agency	Corridor Issue
1	Joshua Tree National Park	NPS	A corridor appears to run along the northern boundary of the Park along Interstate 10
2	Lassen Volcano National Park	NPS	A corridor appears to run through this unit
3	Mojave National Preserve	NPS	A corridor runs along the southern boundary adjacent to Interstate 15 and along the northern boundary adjacent to Interstate 40

Wilderness Areas

#	Unit	Land Management Agency	Corridor Issue
1	Jacumba Wilderness	BLM	A corridor appears to run north of the Wilderness along Interstate 8
2	Chuckwalla Mountains Wilderness	BLM	A corridor appears to run north of the Wilderness along Interstate 10
3	Orocopia Mountains Wilderness	BLM	A corridor appears to run north of the Wilderness along Interstate 10
4	Mecca Hills Wilderness	BLM	A corridor appears to run north of the Wilderness along Interstate 10
5	Newberry Mountains Wilderness	BLM	A corridor appears to run north of the Wilderness along Interstate 40
6	Rodman Mountains Wilderness	BLM	A corridor appears to run north of the Wilderness along Interstate 40
7	Bristol Mountains Wilderness	BLM	A corridor appears to run south of the Wilderness along Interstate 40
8	Trilobite Wilderness	BLM	A corridor appears to run north of the Wilderness along Interstate 40
9	Clipper Mountains Wilderness	BLM	A corridor appears to run north of the Wilderness along Interstate 40
10	Piute Mountains Wilderness	BLM	A corridor appears to run north of the Wilderness along Interstate 40
11	Bigelow Cholla Garden Wilderness	BLM	A corridor appears to run north of the Wilderness along Interstate 40
12	Dead Mountain Wilderness	BLM	A corridor appears to run south of the Wilderness along Interstate 40
13	Hollow Hills Wilderness	BLM	A corridor appears to run south of the Wilderness along Interstate 15
14	El Paso Mountains Wilderness	BLM	A corridor appears to run west of the Wilderness along State HWY 14
15	Owens Peak Wilderness	BLM	A corridor appears to run east of the Wilderness along State HWY 14

16	Sacatar Trail Wilderness	BLM	A corridor appears to run east of the Wilderness along State HWY 395
17	South Sierra Wilderness	USFS	A corridor appears to run east of the Wilderness along State HWY 395
18	Golden Trout Wilderness	USFS	A corridor appears to run east of the Wilderness along State HWY 395
19	Chancelulla Wilderness	USFS	A corridor appears to run south of the Wilderness along State HWY 395
20	Castle Craigs Wilderness	USFS	A corridor appears to run east of the Wilderness along Interstate 5

Wilderness Study Areas (WSA ID # is taken from the WSACALIF-ID field in the attribute table)

#	Unit	Land Management Agency	Corridor Issue
1	Soda Mountains WSA	BLM	A corridor appears to run to the south of the WSA along Interstate 15
2	Cady Mountains WSA	BLM	A corridor appears to run to the south of the WSA along Interstate 15
3	WSAs 116 and 123	BLM	A corridor appears to run to the east of the WSA along Route 395
4	Crater Mountain WSA and ACEC	BLM	A corridor appears to run through this WSA near Route 395
5	Benton Range/Glass Mtn./WSAs 102,103	BLM	A corridor appears to run to the east of the WSAs (possibly through WSA 103 near State HWY 6) along Route 395
6	WSAs 99-101	BLM	A corridor appears to run to the east of the WSAs not along a road
7	Tule Mountain WSA	BLM	A corridor appears to run to the south of the WSA not along a road
8	WSA 108	BLM	A corridor appears to run through this WSA near State HWY 6
9	Buffalo Smoke WSA	BLM	A corridor appears to run to the east of the WSA not along a road

Proposed Wilderness Areas

#	Unit	Land Management Agency	Corridor Issue
1	Volcanic Tableland Proposed Wilderness	BLM	A corridor appears to run through the eastern part of the unit near State HWY 6
2	Chidago Canyon Proposed Wilderness	BLM	A corridor appears to run through the eastern part of the unit
3	Horse Mountain	USFS	A corridor appears to run to the west of the unit along Interstate 5

4	Soda Mountain Proposed Wilderness	BLM	A corridor appears to run through the eastern part of the unit
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USFS Inventoried Roadless Areas

#	Unit	Land Management Agency	Corridor Issue
1	South Sierra USFS Roadless	USFS	A corridor appears to run to the east of the unit along State HWY 395
2	Wonoga Peak and John Muir #12 USFS Roadless	USFS	A corridor appears to run east of the unit along State HWY 395
3	Paiute and Inyo Mountains USFS Roadless	USFS	A corridor appears to run through the unit near State HWY 395
4	Coyote Southeast and John Muir #9 USFS Roadless	USFS	A corridor appears to run east of the unit along State HWY 395
5	Deep Wells USFS Roadless	USFS	A corridor appears to run west of the unit along State HWY 395
6	Excelsior USFS Roadless	USFS	A corridor appears to run to the west of the unit along State HWY 395
7	Grouse Lakes USFS Roadless	USFS	A corridor appears to run to the south of the unit along Interstate 80
8	Castle Peak USFS Roadless	USFS	A corridor appears to run to the south of the unit along Interstate 80
9	Adams Peak USFS Roadless	USFS	A corridor appears to run to the east of the unit along State HWY 395
10	Salt Gulch/Chanchelulla USFS Roadless	USFS	A corridor appears to run south of the unit along State HWY 36
11	Beegum/West Beegum USFS Roadless	USFS	A corridor appears to run to the north of the unit along State HWY 6
12	South Fork and South Fork Trinity USFS Roadless	USFS	A corridor appears to run south of the unit along State HWY 36
13	Chinquapin USFS Roadless	USFS	A corridor appears to run to the north of the unit along State HWY 6
14	Mt. Lassic USFS Roadless	USFS	A corridor appears to run to the north of the unit along State HWY 6
15	Dog Creek and Backbone USFS Roadless	USFS	A corridor appears to run to the east of the unit along Interstate 5
16	Slate Creek USFS Roadless	USFS	A corridor appears to run to the east of the unit along Interstate 5
17	Mayfield USFS Roadless	USFS	A corridor appears to run to the west of the unit along State HWYs 44/299/89
18	Burnt Lava Flow and Medicine Lake USFS Roadless	USFS	A corridor appears to run to the east of the unit along State HWYs 44/299/89

19	Dobie Flat/Lavas and Captain Jack USFS Roadless	USFS	A corridor appears to run to the east of the unit along State HWYs 44/299/89
20	Damon Butte USFS Roadless	USFS	A corridor appears to run to the east of the unit along State HWY 139

Wild and Scenic Rivers

#	Unit	Land Management Agency	Corridor Issue
1	Klamath W&S River	BLM/USFS	A corridor crosses this section of River in NW California
2	Eel W&S River	BLM/USFS	A corridor appears to run along this river for several miles near the coast in N California

National Historic and Scenic Trails

#	Unit	Land Management Agency	Corridor Issue
1	Pacific Crest Trail	BLM/USFS	Two Corridors cut across the trail in N California along State HWY 89 (N California)
2	California Trail	BLM/USFS	A corridor cuts across and runs along the trail near Old Alturas HWY (NE California)
3	California Loop Trail	BLM/USFS	A corridor cuts across and runs along the trail near Interstate 80 (NE California)
4	Pacific Crest Trail	BLM/USFS	A corridor cuts across this trail near Elizabeth Lake RD (S California)
5	Old Spanish Trail	BLM/USFS	A corridor cuts across this trail near State HWY18 (S California)
6	Juan Batista de Anza Trail	BLM/USFS	A corridor runs along this trail near State HWY 98 (S California)

Areas of Critical Environmental Concern (ACEC)

#	Unit	Land Management Agency	Corridor Issue
1	East Mesa ACEC	BLM	A corridor appears to either run through the southern part of the unit or is adjacent to the southern boundary along Interstate 8
2	Lake Cahuilla C and D ACEC	BLM	A corridor appears to either run through the southern part of the unit or is adjacent to the southern boundary along Interstate 8
3	Yuha Basin ACEC	BLM	A corridor appears to run along the northern boundary of the unit along Interstate 8

4	Chuckwalla Valley/Chuckwalla Mountains ACEC	BLM	A corridor appears to run along the northern boundary of the unit along Interstate 10
5	Calico Early Man Site ACEC	BLM	A corridor appears to run along the southern boundary of the unit along Interstate 15
6	Manix ACEC	BLM	A corridor appears to run along the northern boundary of the unit along Interstate 15
7	Afton Canyon ACEC	BLM	A corridor appears to run along the northern boundary of the unit along Interstate 15
8	Cronese Basin ACEC	BLM	A corridor appears to run along the southern boundary of the unit along Interstate 15
9	Halloran Wash ACEC	BLM	A corridor appears to run along the southern boundary of the unit along Interstate 15
10	Jawbone/Butterbredd ACECs	BLM	A corridor appears to run along the eastern boundary of the unit along State HWY 14
11	Last Chance Canyon ACEC	BLM	A corridor appears to run along the western boundary of the unit along State HWY 14
12	Fossil Falls ACEC	BLM	A corridor appears to either run through the western part of the unit or is adjacent to the western boundary along State HWY 395
13	Rose Spring ACEC	BLM	A corridor appears to either run through the western part of the unit or is adjacent to the western boundary along State HWY 395
14	Fish Slough ACEC	BLM	A corridor appears to run along the eastern boundary of the unit near State HWY 6
15	Butte Creek ACEC	BLM	A corridor appears to either run through the northern part of the unit or is adjacent to the northern boundary along State HWY 36
16	Sacramento River Bend ACEC	BLM	A corridor appears to run along the western boundary of the unit along Interstate 5
17	Hawes Corner ACEC	BLM	A corridor appears to run along the eastern boundary of the unit along Interstate 5
18	Sacramento River Island ACEC	BLM	A corridor appears to either run through the eastern part of the unit or is adjacent to the eastern boundary along Interstate 5
19	Jenny Creek ACEC	BLM	A corridor appears to either run through the western part of the unit or is adjacent to the western boundary along Interstate 5

Critical Habitat

#	Unit	Land Management Agency	Corridor Issue
1	Desert Tortoise Habitat	BLM	A corridor appears to run through this known critical habitat along Interstate 10
2	Desert Tortoise Habitat	BLM	A corridor appears to run through this known critical habitat along Interstate 40

3	Desert Tortoise Habitat	BLM	A corridor appears to run through this known critical habitat along Interstate 15
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3. Colorado

BLM National Conservation Areas

#	Unit	Land Management Agency	Corridor Issue
1	Gunnison Gorge National Conservation Area	BLM	A corridor appears to run to the south of the NCA along US HWY 50

National Park Service Lands

#	Unit	Land Management Agency	Corridor Issue
1	Curecanti National Recreation Area	NPS	A corridor runs through the NRA along US HWY 50

Wilderness Areas

#	Unit	Land Management Agency	Corridor Issue
1	Vasquez Peak and Byers Peak Wilderness	USFS	A corridor appears to run through both Wilderness Areas not along a road
2	Sarvis Creek Wilderness	USFS	A corridor appears to run along the S/SE boundary of the Wilderness Area possibly along State HWYs 131 and 134

Wilderness Study Areas (and Proposed Additions)

#	Unit	Land Management Agency	Corridor Issue
1	Skull Creek/Red Cloud Peak/ Willow Creek/Bull Canyon WSAs and Proposed Additions	BLM	A corridor appears to run along the southern boundary of the WSAs along US HWY 40

2	Cross Mountain WSA and proposed additions	BLM	A corridor appears to run along the southern boundary of the WSA along US HWY 40
3	Weber - Menefee Mountain WSA and proposed additions	BLM	A corridor appears to run along the eastern boundary of the WSA not along a road

Proposed Wilderness

#	Unit	Land Management Agency	Corridor Issue
1	West Elk Addition Proposed Wilderness	BLM	A corridor appears to run through the southern portion of the unit but may be along US HWY 50
2	Pinyon Ridge Proposed Wilderness	BLM	A corridor appears to run along the eastern edge of the unit not along a road
3	South Shale Ridge/Cow Ridge/Little Bookcliffs Proposed Wilderness	BLM	A corridor appears to run through the eastern portion of the units not along a road

USFS Inventoried Roadless Areas

#	Unit	Land Management Agency	Corridor Issue
1	Bushy Creek/Morrison Creek USFS Roadless	USFS	A corridor appears to run through these units but may south of the units along State HWY 134
2	Kelly Creek/Byers Peak/James Peak USFS Roadless	USFS	A corridor appears to run through these areas not along a road
3	Canyon Creek/263 Rare 2 USFS Roadless	USFS	A corridor appears to run through these units possibly along US HWY 50
4	Storm Peak USFS Roadless	USFS	A corridor appears to pass along the western edge of the unit not along a road

National Scenic and Historic Trails

#	Unit	Land Management Agency	Corridor Issue
1	Continental Divide Trail	BLM/USFS	A corridor cuts across the trail near US HWY 40 (N Colorado)
2	Continental Divide Trail	BLM/USFS	A corridor cuts across the trail near US HWY 285 (central Colorado)
3	Old Spanish Trail	BLM/USFS	A corridor cuts across and runs along the trail near US HWY 50 (central/W Colorado)
4	Old Spanish Trail	BLM/USFS	A corridor cuts across and runs along the trail near US HWY 666 (SW Colorado)

4. Idaho

BLM National Monuments - None

#	Unit	Land Management Agency	Corridor Issue
1	Craters of the Moon National Monument	BLM/NPS	A corridor appears to run through the southern border of the Monument and through the middle of the Great Rift WSA

BLM National Conservation Areas

#	Unit	Land Management Agency	Corridor Issue
1	Snake River Birds of Prey National Conservation Area	BLM	A corridor appears to run along and within the southern boundary of the NCA along State HWY 78

National Park Service Lands

#	Unit	Land Management Agency	Corridor Issue
1	Hagerman Fossil Bends National Monument	NPS	A corridor appears to run through this unit
2	Minidoka Internment National Monument	NPS	A corridor appears to run through this unit

Wilderness Study Areas

#	Unit	Land Management Agency	Corridor Issue
1	Shoshone/Lava WSAs	BLM	A corridor appears to run along the southern boundary of the WSAs along US HWYs 24 and 26
2	King Hill Creek WSA	BLM	A corridor appears to run to the SW of the WSA along Bennett Road
3	Black Canyon WSA	BLM	A corridor appears to run through the WSA, but is probably east of the WSA along State HWY 22

USFS Inventoried Roadless Areas

#	Unit	Land Management Agency	Corridor Issue
1	Mead Peak/Dry Ridge/Huckleberry USFS Roadless	USFS	A corridor appears to run along or through these units but may be east of the units along US HWY 30
2	Garfield Mountain USFS Roadless	USFS	A corridor appears to run along the eastern edge of the unit along Interstate 15
3	Italian Peaks/McKenzie Canyon/Sourdough Mountain/Four Eyes Canyon/Garfield Mountain USFS Roadless	USFS	A corridor appears to run along or through these units but may be east of the units along Interstate 15

National Historic and Scenic Trails

#	Unit	Land Management Agency	Corridor Issue
1	Oregon Trail (E and W Branch)	BLM/USFS	Corridor appear to run along both trail segments in SW Idaho (W branch near State HWY 78, E Branch along Interstate 84)
2	Oregon Trail	BLM/USFS	A corridor crosses the trail near US HWY 30 (S Idaho)
3	Oregon Trail	BLM/USFS	A corridor crosses the trail near Interstate 86 (S Idaho)
4	California Trail	BLM/USFS	A corridor crosses the trail near Interstate 84 (S Idaho)
5	California Trail/Oregon Trail Junction	BLM/USFS	A corridor crosses near the junction of the trails near the junction of State HWY 30/Old HWY 30/State WHY 34 (S Idaho)
6	Continental Divide Trail	BLM/USFS	Two corridors cut this trail along the MT and ID border, one along Interstate 5, the other does not appear to be along a road
7	California Trail	BLM/USFS	A corridor runs along the trail from S Idaho into N Utah along State HWY 34
8	Oregon Trail	BLM/USFS	A corridor runs along the trail from S Idaho into W Wyoming along State HWY 30

5. Montana

National Park Service Lands

#	Unit	Land Management Agency	Corridor Issue
1	Grant-Kohrs Ranch National Historic Site	NPS	A corridor appears to run through this unit

Wilderness Study Areas

#	Unit	Land Management Agency	Corridor Issue
1	Wales Creek and Hoodoo Mountain WSAs	BLM	A corridor appears to run to the south of the WSAs along US HWY 12
2	Sleeping Giant/Sheep Creek WSAs	BLM	A corridor appears to run through the middle of the two units (3,500' issue)
3	Humbug Spires WSA	BLM	A corridor appears to run to the west of the WSA along Interstate 15
4	Henneberry Ridge, Bell/Limkilns Canyon, Hidden Pasture Creek WSAs	BLM	2 corridors straddle these WSAs
5	Black Sage WSA	BLM	A corridor appears to go through the northern boundary of the WSA, not along a road

USFS Inventoried Roadless Areas

#	Unit	Land Management Agency	Corridor Issue
1	Skitwish Ridge/Graham Coal/Evans Gulch/Mt. Bushnell/Cherry Peak/Patricks Knob-North Cutoff/South Siegle-South Cutoff USFS Roadless	USFS	A corridor appears to run through these units but may be south of the units along Interstate 90
2	Beaverhead-Deerlodge USFS Roadless	USFS	A corridor appears to run along the eastern edge of the unit but may run east of the unit along Interstate 15

3	Lazyman Gulch/Electric Peak/Whitetail/Haystack USFS Roadless	USFS	A corridor appears to run through these units but may run along Interstate 15 and Interstate 90
4	Bridger/Crazy Mountain USFS Roadless	USFS	A corridor appears to run through these units but may be south of the units along US HWY 191

National Historic and Scenic Trails

#	Unit	Land Management Agency	Corridor Issue
1	Lewis and Clark Trail	BLM/USFS	Two corridors cut this trail along in three sections in SW Montana once next to State HWY41, once next to HWY 324, once next to HWY 278
2	East and West Branch of the Continental Divide Trail	BLM/USFS	Two corridors cut this trail along six sections in SW Montana, once along State HWY 43, the other five times it does not appear to be along a road
3	Lewis and Clark Trail	BLM/USFS	A corridor cuts the trail near US HWY 12 (W Montana)
4	Lewis and Clark Trail	BLM/USFS	A corridor appears to run along Interstate 15 (W Montana)
5	Lewis and Clark Loop Trail	BLM/USFS	A corridor cuts across the loop in the N and S along Interstate 15 (W Montana)
6	Lewis and Clark Trail	BLM/USFS	A corridor cuts across both the N and S routes along US HWY 87 (W Montana)
7	Lewis and Clark Trail	BLM/USFS	A corridor cuts through two sections of this trail in central Montana near Interstate 94

6. Nevada

BLM National Conservation Areas

#	Unit	Land Management Agency	Corridor Issue
1	Red Rock Canyon National Conservation Area	BLM	A corridor appears to run along the NE corner of the NCA along US HWY 95
2	Sloan Canyon National Conservation Area	BLM	A corridor appears to run along the E side of the NCA along US HWY 5
3	Black Rock Desert - High Rock Canyon Emigrant Trails National Conservation Area and Wilderness Area	BLM	A corridor appears to run directly through the southern boundary of the NCA/Wilderness along an unnamed highway

USFWS Lands

#	Unit	Land Management Agency	Corridor Issue
1	Desert National Wildlife Refuge	USFWS	A corridor runs along the east and South boundaries of the NWR along US HWYs 93 and 95

Wilderness Study Areas

#	Unit	Land Management Agency	Corridor Issue
1	Mount Limbo/Fox Range/Poodle Mountain WSAs	BLM	A corridor appears to run through these WSAs, but could be on the outside along State HWY 447 and Jungo Road
2	Gabbs Valley Range WSA	BLM	A corridor appears to run to the west of the WSA along US HWY 95
3	Blue Eagle/Riordan's Well WSAs	BLM	A corridor appears to run along the eastern boundary of the WSA not along a road
4	South Pequop WSA	BLM	A corridor appears to run through the eastern portion of the WSA
5	Goshute Canyon WSA	BLM	A corridor appears to run through the eastern portion of the WSA

Proposed Wilderness Areas (Because some of these units were left unnamed in the GIS files we provided during scoping, we have included the GIS Feature Identification (FID) number as well as the names of the units when available)

#	Unit	Land Management Agency	Corridor Issue
1	North and South McCullough Wilderness Additions (FID 49/FID 54) Proposed Wilderness	BLM	A corridor appears to run between these units (3,500' issue) not along a road
2	Nellis Wash/Newberry Mountains/Grapevine Canyon (FID 73) Proposed Wilderness	BLM	A corridor appears to run through the unit not along a road
3	Suntrix Mountains/Muddy Mountains/Bufington Pockets (FID 45/FID 57/FID 81) Proposed Wilderness	BLM	A corridor appears to run between and adjacent to these units but may be north of the units along State HWY 6

4	Sheep Range/Gass Peak/Fossil Elbow/Desert Hills-Pahranagat (FID 51/FID 72/FID 88/FID 78) Proposed Wilderness	BLM	A corridor appears to run between the units along State HWY 93
5	Last Chance "FID 65" Proposed Wilderness	BLM	A corridor appears to run through the unit not along a road
6	Mount Sterling "FID 46" Proposed Wilderness	BLM	A corridor appears to run through the unit but may be north of the unit along US HWY 95
7	Terry Benches/Sand Hollow Wash (FID 87/FID 86) Proposed Wilderness	BLM	A corridor appears to run between the units along not along a road
8	Tule Desert (FID 74) Proposed Wilderness	BLM	A corridor appears to run along the SE corner of the unit not along a road
9	FID 11/FID 9	BLM	A corridor appears to run along the western edge of the units along US HWY 95
10	Dutch John Mountains Proposed Wilderness	BLM	A corridor appears to run along the northern boundary of the unit not along a road
11	Red Mountain Proposed Wilderness	BLM	A corridor appears to run along the eastern boundary of the unit possibly along US HWY 6
12	FID 39	BLM	A corridor appears to run along the southern boundary of the unit along US HWY 95
13	North and South McCullough Wilderness Additions (FID 49/FID 54) Proposed Wilderness	BLM	A corridor appears to run to the east of the units along US HWY 6
14	Humbolt-Toiyabe USFS Roadless	USFS	A corridor appears to run through this unit not along a road

National Scenic and Historic Trails

#	Unit	Land Management Agency	Corridor Issue
1	California Trail	BLM/USFS	Three corridors cut through three sections of the trail throughout N Nevada along State HWY 447, Jungo Road, US HWY 93 (N Nevada)
2	Pony Express	BLM/USFS	Two corridors cut through the trail in E and W Nevada, E Nevada near US HWY 93, W Nevada near US HWY 95
3	Old Spanish Trail	BLM/USFS	Corridors cut across several sections of the trail in S Nevada near Interstate 15, State HWY 147, US HWY 95, State HWY 53 (S Nevada)

7. New Mexico

USFWS Lands

#	Unit	Land Management Agency	Corridor Issue
1	Seville National Wildlife Refuge	USFWS	A corridor runs through the middle of the NWR along Interstate 25
2	Bitter Lake National Wildlife Refuge	USFWS	A corridor runs through the middle of the NWR, not along a road

Wilderness Areas

#	Unit	Land Management Agency	Corridor Issue
1	Ojito Wilderness	BLM	A corridor appears to run through the northern end of the Wilderness, possibly along State HWY 44
2	Bisti/De-Na-Zin Wilderness	BLM	A corridor appears to run along the NE part of the Wilderness, but may run along State HWY 44
3	Sandia Mountain Wilderness	USFS	A corridor appears to run along the NE part of the Wilderness, but may run along State HWY 165
4	Salt Creek Wilderness	USFWS	Two Corridor appear to straddle the Wilderness Area not along roads
5	Bosque del Apache Wilderness	USFWS	A corridor appears to run along the western edge of the Wilderness, not along a road

Wilderness Study Areas (and Proposed Additions)

#	Unit	Land Management Agency	Corridor Issue
1	Cabazon/La Lena WSAs	BLM	A corridor appears to run to the east of the WSAs not along a road
2	Veranito WSA and Proposed Additions	BLM	A corridor appears to run through the NW corner of the WSA but could be along US HWY 60
3	Aden Lava Flow/West Potrillo Mountains WSAs	BLM	A corridor appears to run through the northern portion of both WSAs but could be along US HWY 70
4	Florida Mountains WSA and Proposed Additions	BLM	A corridor appears to run through the northern portion of both WSA but could be along US HWY 70

Proposed Wilderness Areas

#	Unit	Land Management Agency	Corridor Issue
1	San Luis Proposed Wilderness	BLM	A corridor appears to run along the eastern boundary of the unit not along a road
2	Chupadera Proposed Wilderness Addition	BLM	A corridor appears to run through the unit near Interstate 25
3	Penasco Canyon Proposed Wilderness	BLM	A corridor appears to run along the eastern boundary of the unit along Interstate 25
4	Pena Blanca Proposed Wilderness	BLM	A corridor appears to run along the western edge of the unit along Interstate 10
5	Greater Potrillos Proposed Wilderness Additions	BLM	A corridor appears to run through these units but may north of the units along Interstate 10
6	Pyramid Mountains/Gore Canyon/Granite Peak/Lordsburg Playa Proposed Wilderness	BLM	A corridor appears to run through these units but could be along Interstate 10

National Historic and Scenic Trails

#	Unit	Land Management Agency	Corridor Issue
1	Continental Divide Trail	BLM/USFS	A corridor cuts across this trail near State HWY 197 (SW Utah)
2	El Camino Real de Tierra Adentro	BLM/USFS	A corridor cuts across and runs along the trail near Interstate 25 (central New Mexico)
3	Continental Divide Trail	BLM/USFS	A corridor cuts across the trail near State HYW 146 (W New Mexico)

8. Oregon

BLM National Monuments

#	Unit	Land Management Agency	Corridor Issue
1	Cascade-Siskiyou National Monument	BLM	A corridor runs directly through the middle of the National Monument (not along an existing road)

BLM National Conservation Areas

#	Unit	Land Management Agency	Corridor Issue
1	Steens Mountain National Conservation Area and Steens Mountain Wilderness	BLM	A corridor appears to run through the southern border of the NCA and Wilderness possibly along State HWY 205

USFWS Lands

#	Unit	Land Management Agency	Corridor Issue
1	Umatilla National Wildlife Refuge	USFWS	A corridor appears to run along the northern edge of the NWR along State HWY 14

Wilderness Areas

#	Unit	Land Management Agency	Corridor Issue
1	Mark O. Hatfield Wilderness	USFS	A corridor appears to run through the Wilderness, but it may be south of though not along a road

Wilderness Study Areas

#	Unit	Land Management Agency	Corridor Issue
1	Camp Creek WSA	BLM	A corridor appears to run through the middle of the WSA but may be north of the complex along the Central Oregon HWY
2	Clarks Butte/Lower Owyhee Canyon WSAs	BLM	A corridor appears to run through the southern portions of the WSAs but may be south of the WSAs along US HWY 95
3	Alvord Desert/Bowden Hills WSA	BLM	A corridor appears to split the WSAs (3,500' issue)
4	Oregon Canyon	BLM	A corridor appears to run along the eastern boundary of the WSA along US HWY 95
5	Basque Hills/Rincon WSAs	BLM	A corridor appears to run to the north of the WSAs not along a road
6	Guano Creek WSA	BLM	A corridor appears to run through the north of the WSA, may be north of WSA but there is no road

7	Fish Creek Rim WSA	BLM	A corridor appears to run to the south of the WSA along State HWY 140
8	Cougar Well/Hampton Butte WSAs	BLM	A corridor appears to run through the WSAs but may be south of the WSAs along E HWY 20
9	Badlands WSA	BLM	A corridor appears to run through the WSA but may be east of the WSA along Crooked River HWY
10	Devil Garden Lavabed WSA	BLM	A corridor appears to run directly through the WSA not along a highway

Proposed Wilderness

#	Unit	Land Management Agency	Corridor Issue
1	Big Bend Mountain/Jones Creek Proposed Wilderness	USFS	A corridor appears to run along the boundary of units not along a road
2	Mamaloose Lake/South Fork Clackamus/Mistletoe-Clackamus River/Big Bottom/Pinhead Butte Complex Proposed Wilderness	USFS	A corridor appears to run through these units not along a road
3	Dry Mountain/Sundown Ridge/Upper Mill Creek/Coffeepot Creek/Cow Creek Proposed Wilderness	USFS	A corridor appears to run through these units but may be along US HWY 20
4	Forks of the Walla Walla/Lookingglass Creek/Little Phillips Canyon/Moonshine Canyon-North Mount Emily/Mount Emily/Hellhole Proposed Wilderness and USFS Roadless	USFS	A corridor appears to run through these units not along a road
5	Pine Mountain/North Pot Holes/Scattered Lava/Nameless Lava/Lower Ground Butte/West of Sand Spring/Firestone Butte Proposed Wilderness	USFS	A corridor appears to run through these units not along a road
6	Hager Mountain/Benny Creek/Lower Sycan Butte/Whiskey Creek/Bryant Mountains Proposed Wilderness	USFS	A corridor appears to run through these units not along a road

7	Buckhorn Mountain/Maple Gulch/Soda Mountain Proposed Wilderness	USFS	A corridor appears to run through these units not along a road
8	Horse Camp Rim/Adobe Flat/Horse Shoe Meadows/Crane Mountain Proposed Wilderness	USFS	A corridor appears to run through these units not along a road

USFS Inventoried Roadless Areas

#	Unit	Land Management Agency	Corridor Issue
1	Crane Mountain USFS Roadless	USFS	A corridor appears to run through the north part of the unit but may be north of the unit along State HWY 140

Wild and Scenic Rivers

#	Unit	Land Management Agency	Corridor Issue
1	Clackamus W&S River	BLM/USFS	A corridor runs across and along the river in N Oregon
2	White W&S River	BLM/USFS	A corridor runs across this river in N Oregon
3	Lower Deschutttes W&S River	BLM/USFS	A corridor crosses two sections of the river and runs along the river in N Oregon
4	Owyee W&S River	BLM/USFS	A corridor may cross this section in SE Oregon

National Historic and Scenic Trails

#	Unit	Land Management Agency	Corridor Issue
1	Oregon Trail	BLM/USFS	A corridor crosses the trail next to US HWY 197 (NW Oregon)
2	Pacific Crest Trail	BLM/USFS	A corridor crosses the trail near NFD 46 Road (NW Oregon)
3	Pacific Crest Trail	BLM/USFS	A corridor appears to cross the trail west of the Dee HWY (NW Oregon)
4	East Branch of the California Trail	BLM/USFS	A corridor crosses the trail near Interstate 5 (NW Oregon)
5	West Branch of the California Trail and the California Trail	BLM/USFS	A corridor appears to run along the these trail segments for several hundred miles (W Oregon)
6	Oregon Trail	BLM/USFS	A corridor appears to run along this trail for several hundred miles along Interstate 84

7	Oregon Trail (E and W Branch)	BLM/USFS	A corridor appears to cross both branches of the trail on the ID/OR border (W branch near State HWY 19, E Branch not along a road)
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9. Utah

BLM National Monuments

#	Unit	Land Management Agency	Corridor Issue
1	Grand Staircase-Escalante National Monument	BLM	A corridor runs through the SW sides of the National Monument (along Johnson Canyon Road and US HWY 89)

National Park Service Lands

#	Unit	Land Management Agency	Corridor Issue
1	Arches National Park	NPS	A corridor appears to run along the SW part of the park along US HWY 191

Wilderness Areas

#	Unit	Land Management Agency	Corridor Issue
1	Welsville Mountain Wilderness	USFS	A corridor appears to run through the NW corner of the Wilderness but could be along State HWY 69
2	Lone Peak/Mount Timpanagos Wilderness	USFS	A corridor appears to run along the western edge of the Wilderness Areas but may be along State HWY 89
3	Mount Nebo Wilderness	USFS	A corridor appears to run along the western edge but may be along Mona Road
4	Cedar Mountains Wilderness	BLM	A corridor appears to run along the northern boundary of the Wilderness along Interstate 80

Wilderness Study Areas (and Proposed Additions)

#	Unit	Land Management Agency	Corridor Issue
1	Behind the Rocks/Mill Creek Canyon WSAs	BLM	A corridor appears to split the WSAs (3,500' issue,

2	Desolation Canyon WSA and Proposed Additions	BLM	A corridor appears to run to the west of the WSA along US HWY 6
3	Rockwell WSA and Little Sahara Proposed Wilderness	BLM	A corridor appears to run through the middle of the WSA but may be east of the WSA along US HWY 6

Proposed Wilderness

#	Unit	Land Management Agency	Corridor Issue
1	Grassy Mountains S Proposed Wilderness	BLM	A corridor appears to run through this proposed wilderness possibly along Interstate 80
2	Stansbury Island Proposed Wilderness	BLM	A corridor appears to run along the southern boundary of this unit along Interstate 80
3	Sand Ridge Proposed Wilderness	BLM	A corridor appears to run through this unit but may be west of the unit along State HWY 257
4	Antelope Range Proposed Wilderness	BLM	A corridor appears to run along the western edge of this unit not along a road
5	Square Top Mountain/Scarecrow Peak/Beaver Dam Mountains N and South/Beaver Dam Wash Proposed Wilderness	BLM	A corridor appears to run through this area (some adjacent, some through units) not along a road
6	Upper Kanab Creek/Vermillion Cliffs/Glass Eye Canyon/Timber Mountain Proposed Wilderness	BLM	A corridor runs through these areas along Johnson Canyon Road (3,500' issue)
7	Price River/Lost Spring Wash Proposed Wilderness	BLM	A corridor runs through these areas along US HWY 6 (3,500' issue)
8	Arches Proposed Wilderness Complex	BLM	A corridor appears to run through these areas possibly along US HWY 191
9	Bourdette Draw/Bull Canyon Proposed Wilderness	BLM	A corridor appears to run along the southern boundary of the unit along US HWY 40
10	Mountain Home Range/Jackson Wash/The Toad/South Wah-Wah Proposed Wilderness	BLM	A corridor appears to run through these units not along a road

USFS Inventoried Roadless Areas

#	Unit	Land Management Agency	Corridor Issue
1	Public Grove/Willard/Upper South Fork USFS Roadless	USFS	A corridor appears to run through these units not along a road

2	418,000 units in Uinta/Ashley Forests USFS Roadless	USFS	A corridor runs through several units in this area not along a road
3	Beehive Creek/City Creek USFS Roadless	USFS	A corridor appears to run between these units not along a road
4	Cove Mountain/Atchinson/Mogotsu/Gum Hill USFS Roadless	USFS	A corridor appears to run between these units possibly along State HWY 18

National Historic and Scenic Trails

#	Unit	Land Management Agency	Corridor Issue
1	California Trail	BLM/USFS	A corridor cuts across and runs along the trail near US HWY 89 (NE Utah)
2	California Trail	BLM/USFS	A corridor cuts across and runs along the trail near State HWY 86 and along State HWY 73 (central Utah)
3	Old Spanish Trail	BLM/USFS	A corridor cuts across and runs along the trail near US HWY 191 and near State HWY 46 (SE Utah)
4	Old Spanish Trail	BLM/USFS	Two corridors run through and along two sections of the trail near State HWY 20 and near Antelope Road (SW Utah)
5	Old Spanish Trail	BLM/USFS	A corridor cuts across this trail near US HWY 89 (S Utah/N Arizona)

10. Washington

National Park Service Lands

#	Unit	Land Management Agency	Corridor Issue
1	Lake Roosevelt National Recreation Area	NPS	A corridor appears to run either through the NRA or just to the south, possibly along US HWY 2

USFWS Lands

#	Unit	Land Management Agency	Corridor Issue
1	McNary National Wildlife Refuge	USFWS	A corridor runs through the middle of the NWR, not along a road

Wilderness Areas

#	Unit	Land Management Agency	Corridor Issue
1	Juniper Dunes Wilderness	BLM	A corridor appears to run through the middle of the Wilderness but may be along Pasco Kaholtus Road

Wilderness Study Areas

#	Unit	Land Management Agency	Corridor Issue
1	Chopaka Mountain WSA	BLM	A corridor appears to run though the WSA but may be east of the WSA along Loomis Oroville Road

USFS Inventoried Roadless

#	Unit	Land Management Agency	Corridor Issue
1	Nason Ridge/Entiat Proposed Wilderness and USFS Roadless	USFS	A corridor appears to run through these (not fully through Nason Ridge) units not along a road
2	Black Canyon Proposed Wilderness and USFS Roadless	USFS	A corridor appears to run to the south of the unit not along a road
3	Granite Mountain/Tiffany Proposed Wilderness and USFS Roadless	USFS	A corridor appears to run to the east of the units possibly along Sinlahekin Road

National Historic and Scenic Trails

#	Unit	Land Management Agency	Corridor Issue
1	Lewis and Clark Trail	BLM/USFS	A corridor crosses the trail near either next to State HWY 124 or next to Pasco Kahlotus Road (SE part of the state)
2	Lewis and Clark Trail	BLM/USFS	A corridor appears to cross the trail twice near the US HWY 12/State HWY 124 intersection (SE part of the state)
3	Oregon Trail	BLM/USFS	A corridor crosses the trail next to State HWY 4 (SW Washington/NW Oregon)
4	Oregon Trail	BLM/USFS	A corridor crosses the trail along Interstate 84 (S Washington/N Oregon)

11. Wyoming

National Park Service Lands

#	Unit	Land Management Agency	Corridor Issue
1	Bighorn Canyon National Recreation Area	NPS	A corridor appears to run along the SW side of the NRA along US HWY 310

USFWS Lands

#	Unit	Land Management Agency	Corridor Issue
1	Seedskadee National Wildlife Refuge	USFWS	A corridor appears to run through the middle of the NWR, not along a road
2	Bear Valley Wetlands Study Area	USFWS	A corridor appears to run through the northern end of the study area, possibly along US HWY 30

Wilderness Study Areas (and Proposed Additions)

#	Unit	Land Management Agency	Corridor Issue
1	Raymond Mountain WSA	BLM	A corridor appears to run through the southern portion of the WSA not along a road
2	Adobe Town WSA and Proposed Wilderness Additions	BLM	A corridor appears to run along the eastern edge of the unit not along a road

Proposed Wilderness Areas

#	Unit	Land Management Agency	Corridor Issue
1	Lysite Mountain Proposed Wilderness	BLM	A corridor appears to run along the western boundary of the unit not along a road

National Historic and Scenic Trails

#	Unit	Land Management Agency	Corridor Issue
1	California Trail	BLM/USFS	A corridor cuts through the trail near Interstate 25 (E Wyoming)
2	Oregon Trail Spur	BLM/USFS	A corridor cuts through a spur of the trail near Ridge Road (E Wyoming)
3	Pony Express Trail	BLM/USFS	A corridor cuts through the trail near US HWY 26 (E Wyoming)
4	Pony Express/California Trails	BLM/USFS	A corridor cuts through these two trails near Interstate 25 (central Wyoming)
5	Continental Divide Trail	BLM/USFS	A corridor cuts through the trail along US HWY 287 (S Wyoming)
6	California Trail	BLM/USFS	A corridor cuts through the trail along State HWY 412 (SW Wyoming)
7	California Trail	BLM/USFS	A corridor cuts through and runs along sections of the trail in SW Wyoming not along a road

Critical Habitat

#	Unit	Land Management Agency	Corridor Issue
1	Shirley Basin Black-Footed Ferret Habitat	BLM	A corridor runs through this known critical habitat
2	Thunder Basin National Grassland	USFS	A corridor runs through this known critical habitat

