



PROJECT INFORMATION

Project Title: Royal John Bridge Repair

Project Type: TRANSPORTATION, ROADS AND BRIDGES, ROADS AND BRIDGES-MAINTENANCE/MINOR RETROFIT

Latitude/Longitude (DMS): 32.731874 / -107.866530

County(s): GRANT

Project Description: This is a rescope because my original inquiry was over inflated as a major bridge replacement and it is actually just a localized stream channel maintenance and minor bridge repair. The NMDOT inspection report is attached. Updated project description: Grant County proposes maintenance at the existing Royal John Mine Road bridge (Structure No. 7479) over the Mimbres River near San Lorenzo, Grant County. The work would remove accumulated sediment, rock, and woody debris from around the bridge piers, beneath the bridge, and from three nearby channel work areas totaling approximately 0.74 acre. Removal would extend about 91 feet upstream and 44 feet downstream of the bridge and would be limited to the material necessary to restore the waterway toward its original dimensions. Vegetation established within the accumulation may be removed as needed; live riparian trees rooted outside it would be retained where practicable. Temporary access and staging would occupy approximately 1.4 acres of adjacent upland, for an overall project disturbance area of approximately 2.2 acres. Removed material would be placed at an upland location outside wetlands and other waters. If isolation or dewatering is needed, the construction plan would maintain downstream flow and address aquatic life. Disturbed areas would be stabilized and restored. The project does not include bridge replacement, structural repair, new bank stabilization, channel realignment, or expansion beyond the original waterway dimensions. Grant County intends to seek authorization under Nationwide Permit 3, Maintenance.

REQUESTOR INFORMATION

Project Organization:

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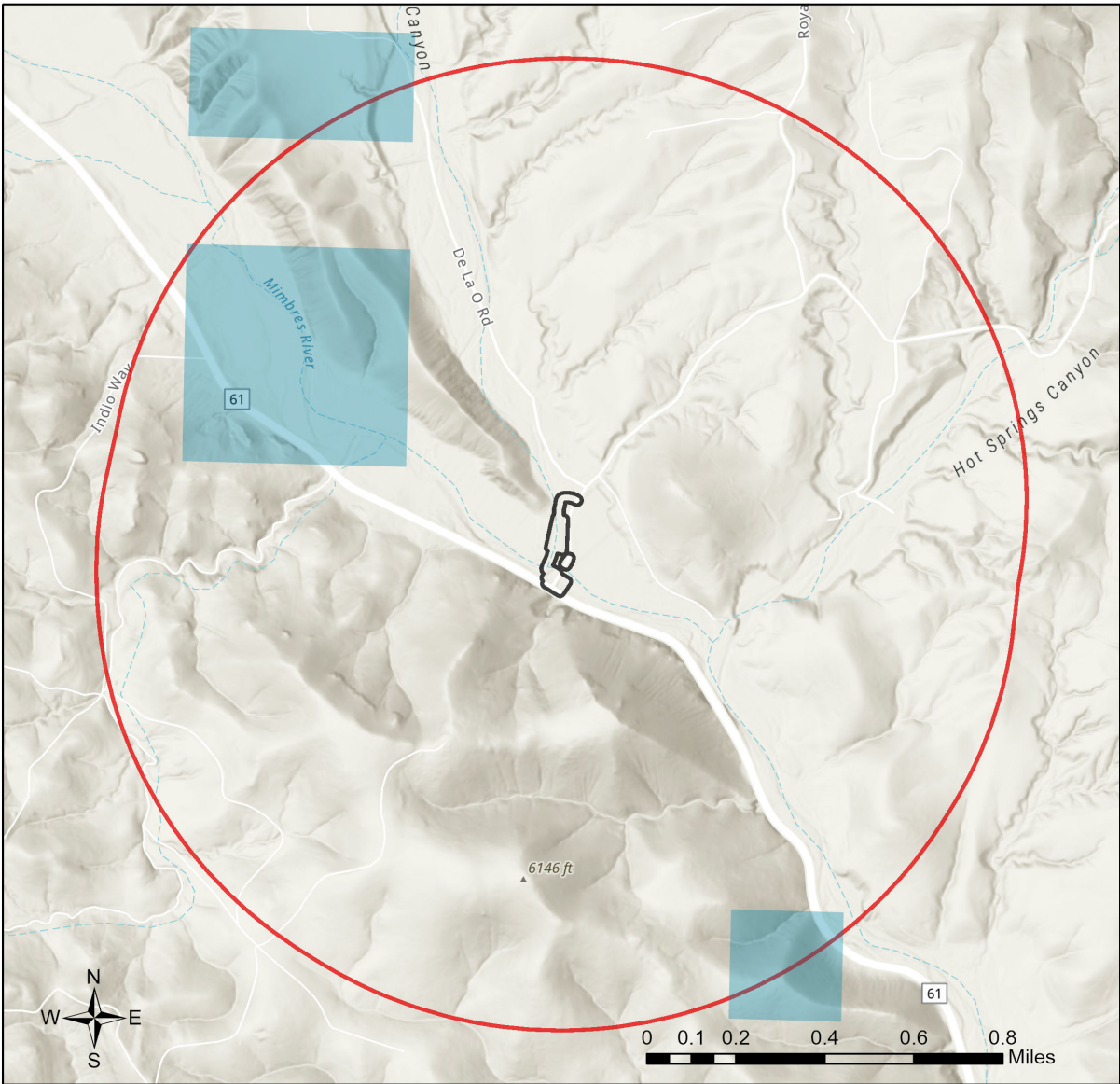
OVERALL STATUS

The information contained within this report comprises the recommendations of the New Mexico Department of Wildlife (Department) for management and mitigation of proposed project impacts to wildlife and habitat resources; see the Project Recommendations section below for further details. No further consultation with the Department is required based on the project's location and, with implementation of mitigation measures described in the Project Recommendations section below, no adverse effects to wildlife or important habitats are anticipated. However, a Department biologist may be in touch within 30 days if they determine that further review is required.

About this report:

- This environmental review is based on the project description and location that was entered. The report must be updated if the project type, area, or operational components are modified.
- This is a preliminary environmental screening assessment and report. It is not a substitute for the potential wildlife knowledge gained by having a biologist conduct a field survey of the project area. Federal status and plant data are provided as a courtesy to users. The review is also not intended to replace consultation required under the federal Endangered Species Act (ESA), including impact analyses for federal resources from the U.S. Fish and Wildlife Service (USFWS) using their [Information for Planning and Consultation tool](#).
- This report contains information on wildlife species protected under the ESA and the [Wildlife Conservation Act \(WCA\)](#), [Species of Greatest Conservation Need \(SGCN\)](#) (page 18, table 5), and Species of Economic and Recreational Importance (SERI). Species listed under the ESA are protected from take at the federal level and under the WCA are protected from take at the state level. SGCN are identified in the [State Wildlife Action Plan \(SWAP\) for New Mexico](#); all of these species are considered to be of conservation concern but not all of them are protected from take at the state or federal level. The harvest of all SERI is regulated at the state level. The Department has no authority to designate critical habitat for species listed under the WCA; only the USFWS can designate critical habitat for species listed under the ESA.
- The New Mexico Environmental Review Tool (ERT) utilizes species observation locations and species habitat suitability models, both of which are subject to ongoing change and refinement. Inclusion or omission of a species within a report cannot guarantee species presence or absence within your project area. To determine occurrence of any species listed in this report, or other wildlife that may be present within your project area, onsite surveys conducted by a qualified biologist during appropriate, species-specific survey timelines may be necessary. Any surveys including handling or capturing wildlife may require a scientific collection permit; contact the Department's Wildlife Permits Manager at dgf.permits@dgf.nm.gov for more information.
- The Department encourages use of the ERT to modify proposed projects for avoidance, minimization, or mitigation of wildlife impacts. However, the ERT is not intended to be used in a repeatedly iterative fashion to adjust project attributes until a previously determined recommendation is generated. The ERT serves to assess impacts once project details are developed. The [New Mexico Crucial Habitat Assessment Tool](#), the data layers from which are included in the ERT, is the appropriate system for advising early-stage project planning and design to avoid areas of anticipated wildlife concerns and associated regulatory requirements.

Royal John Bridge Repair



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|---------------------------|------------------------------|---|
| Buffered Project Boundary | NM Department of Game & Fish | U.S. Army Corps of Engineers |
| Project_Boundary | NM State Forestry Division | U.S. Bureau of Reclamation |
| Bureau of Land Management | NM State Parks | U.S. Department of Agriculture |
| City Land | Other Federal Agency | U.S. Fish and Wildlife Service |
| County Land | Other Federal Agency | U.S. Forest Service |
| Department of Defense | State Land Office | U.S. Natural Resources Conservation Service |
| Department of Energy | State of New Mexico | |
| National Park Service | Tribal Land | |

NHNM, USGS, USFS, US Census Bureau, NMDGF
Esri, NASA, NGA, USGS, FEMA
Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA, USFWS

Special Status Animal Species Potentially within 1 Miles of Project Area

Common Name	Scientific Name	USFWS (ESA)	NMDOW (WCA)	NMDOW SGCN/SERI	USFS	USFS SCC	BLM
Arizona Toad	Anaxyrus microscaphus			SGCN 2025		USFS R3 SCC	BLM SENSITIVE
Boreal Chorus Frog	Pseudacris maculata			SGCN			
Plains Leopard Frog	Lithobates blairi			SGCN			BLM WATCH
Chiricahua Leopard Frog	Lithobates chiricahuensis	LT		SGCN	Sensitive Species		
Aplomado Falcon	Falco femoralis		E	SGCN			
Peregrine Falcon	Falco peregrinus		T	SGCN			BLM WATCH
Elf Owl	Micrathene whitneyi			SGCN			BLM WATCH
Western Burrowing Owl	Athene cunicularia hypugaea			SGCN	Sensitive Species	USFS R3 SCC	BLM SENSITIVE
Mexican Spotted Owl	Strix occidentalis lucida	LT		SGCN			
Common Nighthawk	Chordeiles minor			SGCN			
Lewis's Woodpecker	Melanerpes lewis			SGCN		USFS R3 SCC	BLM WATCH
Gila Woodpecker	Melanerpes uropygialis		T	SGCN	Sensitive Species	USFS R3 SCC	
Williamson's Sapsucker	Sphyrapicus thyroideus			SGCN			
Bank Swallow	Riparia riparia			SGCN			
Pinyon Jay	Gymnorhinus cyanocephalus			SGCN		USFS R3 SCC	BLM SENSITIVE
Juniper Titmouse	Baeolophus ridgwayi			SGCN		USFS R3 SCC	BLM WATCH
Pygmy Nuthatch	Sitta pygmaea			SGCN			
Western Bluebird	Sialia mexicana			SGCN			
Mountain Bluebird	Sialia currucoides			SGCN			
Bendire's Thrasher	Toxostoma bendirei			SGCN		USFS R3 SCC	BLM SENSITIVE
Sprague's Pipit	Anthus spragueii			SGCN			BLM SENSITIVE
Loggerhead Shrike	Lanius ludovicianus			SGCN		USFS R3 SCC	BLM WATCH

Special Status Animal Species Potentially within 1 Miles of Project Area

Common Name	Scientific Name	USFWS (ESA)	NMDOW (WCA)	NMDOW SGCN/SERI	USFS	USFS SCC	BLM
Gray Vireo	Vireo vicinior		T	SGCN	Sensitive Species	USFS R3 SCC	BLM WATCH
Virginia's Warbler	Leiothlypis virginiae			SGCN			BLM SENSITIVE
Lucy's Warbler	Leiothlypis luciae			SGCN			BLM WATCH
Black-Throated Gray Warbler	Setophaga nigrescens			SGCN			BLM WATCH
Red-Faced Warbler	Cardellina rubrifrons			SGCN		USFS R3 SCC	
Black-Chinned Sparrow	Spizella atrogularis			SGCN			BLM WATCH
Vesper Sparrow	Poocetes gramineus			SGCN			
Thick-billed Longspur	Rhynchophanes mccownii			SGCN			BLM SENSITIVE
Chestnut-Collared Longspur	Calcarius ornatus			SGCN			BLM SENSITIVE
Cassin's Finch	Haemorhous cassinii			SGCN			BLM WATCH
Evening Grosbeak	Coccothraustes vespertinus			SGCN			
Chihuahua Chub	Gila nigrescens	LT	E	SGCN			
Rio Grande Sucker	Catostomus plebeius			SGCN	Sensitive Species		BLM SENSITIVE
Rio Grande Sucker	Pantosteus plebeius			SGCN 2025	Sensitive Species	USFS R3 SCC	BLM SENSITIVE
Spotted Bat	Euderma maculatum		T	SGCN	Sensitive Species	USFS R3 SCC	BLM SENSITIVE
Jaguar	Panthera onca	LE		SGCN			
Mountain Lion	Puma concolor			SERI			
Elk	Cervus canadensis			SERI			
Mule Deer	Odocoileus hemionus			SERI			
Sonoran Mud Turtle	Kinosternon sonoriense			SGCN			
Gila Monster	Heloderma suspectum		E	SGCN			BLM SENSITIVE
Narrowhead Garter Snake	Thamnophis rufipunctatus	LT	T	SGCN	Sensitive Species		BLM SENSITIVE

Special Status Animal Species Potentially within 1 Miles of Project Area

Common Name	Scientific Name	USFWS (ESA)	NMDOW (WCA)	NMDOW SGCN/SERI	USFS	USFS SCC	BLM
Rock Rattlesnake	Crotalus lepidus			SGCN			

Common Name hyperlink takes you to species account in [bison-m.org](#); Scientific Name hyperlink takes you to information in [NatureServe Explorer](#); ESA = Endangered Species Act, C = Candidate, LE = Listed Endangered, LT = Listed Threatened, XN = Non-essential Experimental Population, for other ESA codes see this [website](#); WCA = Wildlife Conservation Act, E = Endangered, T = Threatened; SERI = Species of Economic and Recreational Importance; SGCN = Species of Greatest Conservation Need; USFS = U.S. Forest Service, Sensitive Species = A species likely to occur on USFS lands that is of concern for a potential reduction in population viability; SCC = Species of Conservation Concern; BLM = Bureau of Land Management, BLM SENSITIVE = A species that occurs on BLM lands and whose viability is at risk, BLM WATCH = Species that may be added to the sensitive species list in future pending new information regarding species status.

Special Status Plant Species Potentially within 1 Miles of Project Area

Common Name	Scientific Name	USFWS (ESA)	NMAC	NMRPCS	USFS	USFS SCC	BLM
Standley's Whitlow-Grass	Draba standleyi						
Arizona Alum-Root	Heuchera glomerulata					Sensitive Species	

NMAC = New Mexico Administrative Code, E = Endangered; NMRPCS = [New Mexico Rare Plant Conservation Strategy](#), SS = NM Rare Plant Conservation Strategy Species; USFS = U.S. Forest Service, Sensitive Species = A species likely to occur on USFS lands that is of concern for a potential reduction in population viability; SCC = Species of Conservation Concern; BLM = Bureau of Land Management, BLM SENSITIVE = A species that occurs on BLM lands and whose viability is at risk, BLM WATCH = Species that may be added to the sensitive species list in future pending new information regarding species status.

Project Recommendations

Since the proposed highway project includes bridge and/or culvert construction activities, the Department recommends implementation of its [Bridge and Culvert Construction Guidelines for Stream, Riparian, and Wetland Habitats](#) for any rivers, streams, washes, springs, seeps, or riparian areas that are fall within the impact footprint of this project. These guidelines should assist in minimizing impacts to the local rivers or wetlands and should be incorporated into the standard best management practices for these types of construction activities.

The Department also recommends that pre-construction bat surveys be conducted during summer months to determine if bats occur in existing culverts or bridges to be impacted by the project. Spotlighting of state-listed bats or use of mist nets for any bat species may require a scientific collection permit; contact the Department's Wildlife Permits Manager at dgf.permits@dgf.nm.gov for more information. If bats are determined to occur at bridge or culvert sites, work should be scheduled to avoid impacting bats that may roost there (i.e., conduct work in winter months).

Burrowing owl (*Athene cunicularia*) may occur within your project area. Burrowing owls are protected from take by the Migratory Bird Treaty Act and under New Mexico state statute. Before any ground disturbing activities occur, the Department recommends that a preliminary burrowing owl survey be conducted by a qualified biologist using the Department's [Burrowing Owl Survey Protocol](#). Surveys including audio calls may require a scientific collection permit; contact the Department's Wildlife Permits Manager at dgf.permits@dgf.nm.gov for more information. Should burrowing owls be documented in the project area, please contact the Department or USFWS for further recommendations and information on any permitting requirements regarding relocation or avoidance of impacts. The Wild Take Unit at the USFWS, which issues take and relocation permits for migratory birds, can be reached at MBPermits_take@fws.gov.

Your project area intersects a Conservation Opportunity Area (COA) as identified in the [SWAP](#) for New Mexico. These areas contain high numbers of SGCN as identified in the SWAP and therefore represent areas where implementing conservation actions, including restoration projects intended to benefit wildlife, has higher potential to benefit a diversity of species. Within COAs, the Department encourages project proponents to consider (during project planning and design) and mitigate (during project implementation) potential adverse effects to non-federally listed SGCN and their habitats. State-listed and federally-listed species are protected from take by the New Mexico WCA and ESA, respectively, and migratory birds are protected from take by the Migratory Bird Treaty Act.

The proposed project occurs within or near a riparian area. Because riparian areas are important wildlife habitats, the project footprint should avoid removing any riparian vegetation or creating ground disturbance either directly within or affecting the riparian area, unless the project is intended to restore riparian habitat through non-native plant removal and replanting with native species. If your project involves removal of non-native riparian trees or planting of native riparian vegetation, please refer to the Department's habitat handbook guideline for [Restoration and Management of Native and Non-native Trees in Southwestern Riparian Ecosystems](#). In addition to these guidelines, consider planting a diversity of flowering native plants, including shrubs, and plants that provide bee nesting sites including pithy or hollow-stemmed species. The [New Mexico Riparian Habitat Map \(NMRipMap\)](#) may also provide useful information on local riparian habitat composition and structure.

The current project area appears to contain one or more wetland types as classified by the New Mexico Environment Department's [Wetland Map](#). Information on wetlands in your project area can also be viewed on the ERT's [Create Project/Map](#) page. This [key](#) can assist in interpreting Landscape Position, landform, water flow path, and waterbody type (LLWW) codes in the ERT's wetland data. Wetlands provide important habitat for numerous species of wildlife and pollinators and provide ecosystem services, such as water filtration and storage, to downstream users. The Department recommends avoiding disturbance of wetlands whenever possible, avoiding actions or infrastructure installment that may disrupt natural wetland hydrological processes, and reseeding or replanting areas where disturbance cannot be avoided with native wetland plant species appropriate to the local wetland type. For a list of native seed providers, please see the Department's habitat handbook guideline for [Restoration and Management of Native and Non-native Trees in Southwestern Riparian Ecosystems](#). For projects involving filling wetlands under federal jurisdiction, please contact the [Army Corps of Engineers](#) for more information on permits required under the Clean Water Act.

Disclaimers regarding recommendations:

- The Department provides technical guidance to support the persistence of all protected species of native fish and wildlife, including game and nongame wildlife species. Species listed within this report include those that have been documented to occur within the project area, and others that may not have been documented but are projected to occur within the project vicinity.
- Recommendations are provided by the Department under the authority of § 17-1-5.1 New Mexico Statutes Annotated 1978, to provide "communication and consultation with federal and other state agencies, local governments and communities, private organizations and affected interests responsible for habitat, wilderness, recreation, water quality and environmental protection to ensure comprehensive conservation services for hunters, anglers and nonconsumptive wildlife users".
- The Department has no authority for management of plants or Important Plant Areas. The [New Mexico Endangered Plant Program](#), under the Energy, Minerals, and Natural Resources Department's Forestry Division, identifies and develops conservation measures necessary to ensure the survival of plant species within New Mexico. Plant status information is provided within this report as a courtesy to users. Recommendations provided within the ERT may not be sufficient to preclude impacts to rare or sensitive plants, unless conservation measures are identified in coordination with the Endangered Plant Program.
- Additional coordination and/or consultation may also be necessary under the federal ESA or National Environmental Policy Act (NEPA). Further site-specific mitigation recommendations may be proposed during ESA consultation and/or NEPA analyses or through coordination with affected federal agencies.
- Unless a project is marked as confidential in the title or description by the project proponent and if a ERT-generated report is the only response that the project proponent receives from the Department, then the report will be made publicly accessible via the [Public Comment Letters](#) page on the ERT website.