



Nevada Department of Transportation
Inventory of Wildlife Connectivity Needs
December 1, 2023; Version 1

Inventory of Wildlife Connectivity Needs

In June 2023 the Nevada State Legislature passed [Assembly Bill No. 112 \(AB112\)](#) with the goal of identifying, facilitating, and funding potential wildlife crossings to improve wildlife connectivity and reduce wildlife-vehicle collisions in the state. Specifically, AB112 established three primary objectives. First, it creates a Wildlife Crossings Account in the State General Fund that can be used for the “design, construction, identification, restoration and protection of wildlife crossings and other related highway features to improve wildlife permeability” in Nevada. Second, it requires a review of the standards and specifications in use by Nevada Department of Transportation (NDOT) to “determine the standards and specifications necessary for incorporating wildlife crossings or other related highway features”. Finally, AB112 requires the publication of an “inventory of connectivity needs” where the “implementation of wildlife crossings and other related highway features will improve permeability for wildlife, reduce wildlife-vehicle collisions or enhance wildlife connectivity”.

The following Inventory of Connectivity Needs meets the requirements of AB112 (Section 3) and includes an inventory of areas where highways impede wildlife connectivity or where wildlife-vehicle collisions are a concern as identified by NDOT, the Nevada Department of Wildlife (NDOW), and other land management and resource agencies in the state. In October 2023, NDOT reached out to over 60 individuals from over 20 entities to solicit input on wildlife connectivity needs relevant to each agency or government. The agency leads, managers, and biologists were asked to identify important locations along NDOT operated roads within their jurisdictions where there are known concerns about wildlife movement or wildlife-vehicle collisions. Responses from the following collaborators were received in time for inclusion in the current version of this inventory:

- Nevada Department of Wildlife (NDOW)
- Nevada Division of Natural Heritage (NDNH)
- Nevada Division of State Parks (NDSP)
- U.S. Fish & Wildlife Service (USFWS) – Desert Tortoise Recovery Office
- USFWS – Desert National Wildlife Refuge (NWR)
- USFWS – Sheldon NWR
- USFWS – Pahrnagat NWR
- USFWS – Ruby Lake NWR
- National Park Service (NPS) – Tule Spring Fossil Beds National Monument
- Bureau of Land Management (BLM)
- U.S. Forest Service – Humboldt-Toiyabe National Forest
- Bureau of Reclamation (Lower Colorado Basin)
- Duckwater Shoshone Tribe
- Walker River Paiute Tribe
- Esmeralda County
- Clark County Desert Conservation Program

- Lander County
- Lincoln County Habitat Conservation Program
- Lyon County
- Mineral County
- Storey County

Tables 1 and 2, below, list the connectivity needs identified by collaborators as of November 15, 2023. Wildlife connectivity needs were identified along 90 segments of NDOT operated highways and roads around the state, plus 12 locations that lacked detailed descriptions (e.g., mileposts or place names). Some highway segments were identified by multiple respondents and therefore some responses were combined. The locations are sorted by county, highway number, and milepost or place name. The primary wildlife species of concern at each geographic location are also included in **Tables 1 and 2**. It is important to note that this inventory is not exhaustive. NDOT will continue to engage with collaborators and other stakeholders in early 2024, and per AB112, NDOT will update this list at least once every two years.

Table 1. Wildlife Connectivity Needs (Organized by County)

County	Highway Number	Milepost	Place Name	Species	Reporting Agency
Carson City / Douglas / Washoe	US 50 SR 28	CC 0 - 5 DO 0 - 1	Portions of highways along east shore of Lake Tahoe; US 50 Spooner Summit	Mule deer, black bear, mountain lion, other.	NDOW, NDOT
Carson City/ Douglas	US 50	DO 0 - 13.9	Hwy 50 west of Carson City; From Hwy 395 south of Carson City to Spooner Summit	Mule deer, black bear	US Forest Service, Carson Ranger District
Carson City/ Washoe	I-580 (US 395) I-580 (US 395) US 395A SR 877	CC 9 - 9.3; WA 0 - 10; WA 1 - 7; WA 1 - 4	Hill out of Carson City into Washoe Valley; Lakeview; Duck Hill Intersection	Black bear, mountain lion, mule deer, elk, coyote	NDNH, NDOW, NDOT
Churchill	US 50	CH 0 - 1; CH 12 - 15; CH 17.5 - 20	US 50 Fallon-Ragtown Intersection, US 50 West of Fallon	Mule deer, coyote	NDOT
Churchill	SR 722	CH 5.4	Eastgate	Bighorn sheep	NDOW
Clark	I-11	CL 4 - 14	Central Clark County south of US-93, Eldorado Valley	Mojave Desert tortoise and other small animals	Clark County Desert Conservation Program, BLM, USFWS Desert Tortoise Recovery Office

County	Highway Number	Milepost	Place Name	Species	Reporting Agency
Clark	I-15	CL 0 - 1; CL 55 - 57; CL 91; CL 111 - 115	Four unfenced segments: Southern Clark County near California border; Central Clark County north of Las Vegas (E of Las Vegas Motor Speedway); Northern Clark County at State Highway 168; Northeastern Clark County north of State Highway 170 (Bunkerville area); North of Las Vegas (Las Vegas to Mesquite)	Mojave Desert tortoise and other small animals	Clark County Desert Conservation Program, BLM
Clark	SP 54 (Valley of Fire Hwy)	CL 12; CL 15; CL 21	Valley of Fire State Park at Dugway, Scenic Loop, and Clark's Wash	Bighorn sheep	NDSP
Clark	SP 55 (White Domes Rd)	CL 1; CL 2; CL 4	Valley of Fire State Park at the Visitor Center, Mouse's Tank, and Dip 5	Bighorn sheep	NDSP
Clark	SR 147 (E Lake Mead Blvd)	CL 8 - 14	Clark County; east of Las Vegas Valley (unfenced)	Mojave Desert tortoise, bighorn sheep	BLM
Clark	SR 156	CL 1 - 6	Lee Canyon Road (unfenced)	Mojave Desert tortoise	BLM
Clark	SR 157	CL 9 -19	Kyle Canyon Road (unfenced)	Mojave Desert tortoise	BLM
Clark	SR 159	CL 1 - 13	Clark County, Red Rock Conservation Area Loop Road (unfenced)	Mojave Desert tortoise	BLM

County	Highway Number	Milepost	Place Name	Species	Reporting Agency
Clark	SR 160	CL 18.2 - 24	Mountain Springs	Mule deer, bighorn sheep, elk, mountain lion, coyote	NDOW, NDOT
Clark	SR 161	All; CL 24 - 37.22	Crystal, Nevada; Between Good Springs and Sandy Valley	Mojave Desert tortoise, bighorn sheep and a wide variety of reptiles	BLM, NDOW, USFWS Desert Tortoise Recovery Office
Clark	SR 163	All; CL 0 - 19	Piute-Eldorado valley (US95 to Newberry Mtns); Southern Clark County; Laughlin through Newberry Mountains; Hiko Springs turn-off to Christmas Tree Pass Road	Mojave Desert tortoise, bighorn sheep, and other small mammals	BLM, Clark County Desert Conservation Program, National Park Service, Bureau of Reclamation
Clark	SR 164	CL 2.5 - 6	Clark County, west of Searchlight in southern end of McCullough Mountains	Bighorn sheep and mule deer	BLM
Clark	SR 164	All	Piute-Eldorado valley (west of Searchlight); Ivanpah (west of Searchlight, near California border); Cottonwood Cover Road (east of Searchlight)	Mojave Desert tortoise and other small animals	BLM, Clark County Desert Conservation Program, USFWS Desert Tortoise Recovery Office
Clark	SR 165	CL 8 - 11	Clark County; unfenced area near Nelson	Mojave Desert tortoise	BLM

County	Highway Number	Milepost	Place Name	Species	Reporting Agency
Clark	SR 167	All	Clark County; Northshore Drive, within Lake Mead National Recreation Area (NPS)	Mojave Desert tortoise	BLM
Clark	SR 168	CL 1 - 18	Clark County; Moapa to Coyote Springs (all or part)	Mojave Desert tortoise	BLM
Clark	SR 169	All	Clark County; south of Logandale (north of Logandale recently fenced)	Mojave Desert tortoise	BLM
Clark	SR 564 (E Lake Mead Pkwy)	----	Eastern Clark County east of Las Vegas north of US-93 near Lake Las Vegas	Mojave Desert tortoise and other small animals	Clark County Desert Conservation Program
Clark	SR 604 (Las Vegas Blvd)	CL 55 - 57	Central Clark County north of Las Vegas. Area east of Las Vegas Motor Speedway.	Mojave Desert tortoise and other small animals	Clark County Desert Conservation Program
Clark	US 93 (alt)	CL 1 - 7; CL 8.5 - 10.5	Two segments in Eastern Clark County east of Las Vegas near Arizona border (Boulder City)	Mojave Desert tortoise and other small animals	Clark County Desert Conservation Program
Clark	SR 170	All	Clark County; Riverside, Bunkerville (Southeast Clark County)	Mojave Desert tortoise	BLM

County	Highway Number	Milepost	Place Name	Species	Reporting Agency
Clark/ Lincoln	US 93	CL 53 - 86; LN 0 - 24; LN 35 - 50	Northern Clark County; Arrow Canyon to Lincoln County border; Apex to Coyote Springs, to Alamo, to Crystal Springs	Mojave Desert tortoise (Critical Habitat) and other small animals	USFWS Desert Tortoise Recovery Office, BLM, Clark County Desert Conservation Program
Clark/ Nye	SR 160	All; NY 0 - 2; CL 8 - 12; CL 18 - 36; CL 32 - 41	Two unfenced segments in western Clark County: (1) near Nye County border (East of Pahrump); (2) West-central Clark County west of Las Vegas (near Blue Diamond); (3) North of Pahrump to US 95; (4) Trout Canyon Area	Mojave Desert tortoise and other small animals	BLM, Clark County Desert Conservation Program
Clark/ Nye	US 95	CL 0 - 54; CL 93 - 132; NY 0 - 59	Piute-Eldorado valleys (Boulder City to SR 163); North of Las Vegas where fence is present; Two segments: Southern Clark County near Searchlight; Southern Clark County; Tule Springs Fossil Beds National Monument; Clark/Nye County, North Las Vegas to Beatty; Amargosa Desert	Mojave Desert tortoise, kit fox, American badger, and other small animals	Clark County Desert Conservation Program, National Park Service, BLM, USFWS Desert Tortoise Recovery Office

County	Highway Number	Milepost	Place Name	Species	Reporting Agency
Clark/ Nye/ Lincoln	All existing tortoise exclusion fence and all potential underpasses throughout southern Nevada	Throughout southern Nevada	Throughout range of the species	Mojave Desert tortoise	USFWS Desert Tortoise Recovery Office
Douglas	US 395	DO 4 – 6; DO 9	Pine Valley Road north of Holbrook Junction; Simee Dimeh Summit	Black bear, mountain lion, mule deer, elk	NDOW
Elko	I-80	EL 14.7 - 17.2 EL 7.5 – 8.1	I-80 Humboldt River; Elko - Carlin Tunnels	Mule deer, pronghorn, coyotes	NDOT, NDOW
Elko	SR 225	From Mountain City NW to Forest boundary	Mountain City to Owyhee Rd	Mule deer	US Forest Service, Mountain City Ranger District
Elko	SR 227	EL 1.9 - 5.9 EL 12.6 - 16.1	SR 227 Elko Hills; SR 227 Spring Creek	Mule deer, pronghorn, coyotes	NDOT, NDOW
Elko/ Lincoln/ White Pine	US 93	EL 19 - 23; EL 31 - 40; EL 123 - 126; LN 120 - 172; WP 0 - 6	Tabletop Mountain; North of Panaca; Palomino Ridge; West of Spruce Mountain Road; Wambolt Springs-Travis Reservoir	Mule deer, elk, pronghorn	NDOW, NDOT
Eureka/ Elko	I-80	EU 257 - 350	Dunphy to Wells, Humboldt River at Dunphy, Beowawe, Bobs Flat East	Mule deer, pronghorn	NDOW
Eureka/ Elko	SR 278	EU 0 - 82; EL 1 - 4	From I-80 to Eureka	Golden eagles	NDOW

County	Highway Number	Milepost	Place Name	Species	Reporting Agency
Eureka/ White Pine	US 50	WP 0 - 1; EU 38 - 47; WP 22 – 28 WP 57 – 61; WP 46.7 - 50.2	Pinto Summit; Conners Pass, west facing side of Conners Pass; Little Antelope Summit; Eagan Range (Robinson Summit)	Elk, mule deer	US Forest Service, Ely Ranger District, NDOW, NDOT, Duckwater Shoshone Tribe
Humboldt	US 95	HU 38.5 - 41.5	US 95 Quinn River Valley	Pronghorn, mule deer	NDOT
Humboldt	SR 140	HU 0 – 110	SR 140-US 95 Junction, Thousand Creek, Thousand Creek Summit, Dufurrena Ponds, Hazeltine Lake, Sage Hen Hills	Pronghorn, mule deer, bighorn sheep	USFWS – Sheldon NWR
Lander	SR 305	LA 45	Austin and Battle Mountain	Pronghorn	Lander County
Lander	US 50 / SR 722; Frontage Road in Austin	--	Austin and Battle Mountain	Pronghorn	Lander County
Lincoln	SR 319	LN 9 - 15	Panaca Summit	Mule deer and elk	NDOW
Lincoln	SR 321	LN 0 - 5.1	US 93 Pioche Intersection	Mule deer	NDOT
Lincoln	US 93	LN 91 - 93; LN 95.8 - 100.9; LN 104.8 - 108; LN 114 - 122.5; LN 168.2 - 173	US 93 Caliente Meadow Valley; US 93 Panaca Intersection; US 93 Wambolt Springs-Travis Reservoir	Mule deer, elk	NDOT

County	Highway Number	Milepost	Place Name	Species	Reporting Agency
Lincoln	US 93	LN 24; LN 32	Pahranagat NWR- Pass Near Maynard Lake; Pahranagat NWR- Black Canyon	Bighorn sheep, mule deer	USFWS
Lyon	SR 338	LY 12 - 17	Corridor between Risue Rd and Garden Canyon	Mule deer	US Forest Service, Bridgeport Ranger District
Lyon	US 95A	LY 34.6 - 37.3	US 95A Stillwater NWR	Mule deer	NDOT
Mineral	US 95	MI 59 - 68	Highway between Schurz and Hawthorne where it passes between Walker Lake and the adjacent cliffs to the west; Wassuk Range, south of Sportsman's Beach	Bighorn sheep	Walker River Paiute Tribe, Mineral County, NDOW
Nye	SR 372	NY 0 - 4	Pahrump to California border	Mojave Desert tortoise	BLM
Nye	SR 373	NY 0 - 16	Amargosa Valley, US 95 to California border.	Mojave Desert tortoise	BLM
Nye	SR 379	NY 0 – 19 (Duckwater), no MP to US 50	From US 6, through Duckwater to US 50	Bighorn Sheep, pronghorn (in the flats) and occasionally elk.	Duckwater Shoshone Tribe
Nye	US 6	NY 126 - 130	Currant Summit; West facing side	Mule deer	US Forest Service, Ely Ranger District
Nye	US 95	NY 9 - 12	Nye County between Mercury and Amargosa Valley, south end of Spector Range	Bighorn sheep	NDOW, BLM

County	Highway Number	Milepost	Place Name	Species	Reporting Agency
Washoe	SR 425	WA 2.8 - 6.8	Verdi	Mule deer	NDOT
Washoe	SR 431	WA 16.9 - 22.4	SR 431 Mount Rose Foothills	Mule deer, bears	NDOT
Washoe	SR 447	----	Squaw Valley Reservoir, northwest of Gerlach	Mule deer, pronghorn	NDOW
Washoe	SR 647	WA 8.5 - 9	West 4th Street in Reno	Mule deer	NDOT
Washoe	US 395	WA 33.5 - 39	Dry Lake Summit; US 395 Granite Peak	Black bear, mountain lion, mule deer, elk, coyote	NDOT, NDOW
White Pine	US 6 US 50 US 50	WP 28.5 – 33; WP 42.5 - 45.5; WP 84 - 85	Western Eagan Range Foothills; Murray Summit; Steptoe Valley Wildlife Management Area; Sacramento Pass	Mule deer, elk, pronghorn, bighorn sheep	US Forest Service, Ely Ranger District, NDOT, NDOW

Table 2. Wildlife Connectivity Needs (Organized by Highway)

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Eureka/ Elko	I-80	EU 257 - 350	Dunphy to Wells, Humboldt River at Dunphy, Beowawe, Bobs Flat East	Mule deer, pronghorn	NDOW
Clark	SP 54 (Valley of Fire Hwy)	CL 12; CL 15; CL 21	Valley of Fire State Park at Scenic Loop and Clark's Wash area	Bighorn sheep	NDSP
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Humboldt	SR 140	HU 0 - 110	SR 140-US 95 Junction, Thousand Creek, Thousand Creek Summit, Dufurrena Ponds, Hazeltine Lake, Sage Hen Hills	Pronghorn, mule deer, bighorn sheep	USFWS - Sheldon NWR
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Churchill	SR 722	CH 5.4	Eastgate	Bighorn sheep	NDOW
White Pine	US 6 US 50 US 50	WP 28.5 - 33 WP 42.5 - 45.5 WP 84 - 85	Western Eagan Range Foothills; Murray Summit; Steptoe Valley Wildlife Management Area; Sacramento Pass	Mule deer, elk, pronghorn, bighorn sheep	US Forest Service, Ely Ranger District, NDOT, NDOW
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Lincoln	US 93	LN 91 - 93; LN 95.8 - 100.9; LN 104.8 - 108; LN 114 - 122.5; LN 168.2 - 173	US 93 Caliente Meadow Valley; US 93 Panaca Intersection; US 93 Wambolt Springs-Travis Reservoir	Mule deer, elk,	NDOT
Lincoln	US 93	LN 24; LN 32	Pahranagat NWR- Pass Near Maynard Lake; Pahranagat NWR- Black Canyon	Bighorn sheep, mule deer	USFWS

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Nye	US 95	NY 9 - 12	Nye County between Mercury and Amargosa Valley, south end of Spector Range	Bighorn sheep	NDOW, BLM

County	Highway Number	Milepost	Place Name	Species	Reporting Agency
Mineral	US 95	MI 59 - 68	Highway between Schurz and Hawthorne where it passes between Walker Lake and the adjacent cliffs to the west; Wassuk Range, south of Sportsman's Beach	Bighorn sheep	Walker River Paiute Tribe, Mineral County, NDOW
Douglas	US 395	DO 4 – 6; DO 9	Pine Valley Road north of Holbrook Junction; Simee Dimeh Summit	Black Bear, Mountain Lion, Mule Deer, Elk	NDOW
Washoe	US 395	WA 33.5 - 39	Dry Lake Summit; US 395 Granite Peak	Black bear, mountain lion, mule deer, elk, coyote	NDOT, NDOW
Carson City/ Washoe	I-580 (US 395) I-580 (US 395) US 395A SR 877	CC 9 – 9.3; WA 0 – 10; WA 1 – 7; WA 1 - 4	Hill out of Carson City into Washoe Valley; Lakeview; Duck Hill Intersection	Black bear, mountain lion, mule deer, elk, coyote,	NDNH, NDOW, NDOT

Inventory of Completed Projects

Since 2010 NDOT has invested more than \$43 million dollars on efforts to reduce wildlife-vehicle collisions and improve wildlife connectivity across the state's highway system. These efforts have included overpasses and underpasses dedicated to wildlife use, culvert and bridge expansions, fencing, and signage (**Table 3**).

Project costs can vary significantly depending on the project, type of structure, costs of raw materials, total quantity, terrain, and size as well as numerous other factors. Costs shown in **Table 3** are estimates and not all wildlife mitigation costs are recorded or calculated. Costs for fencing, gates, cattleguards, culverts, and tortoise guards have varied significantly over the last 20 years, as noted below:

- The cost of 4-foot, 4-strand range fencing has varied between \$5 and \$75 per linear foot, depending on total quantity and terrain.
- The cost of 8-foot wildlife fencing has varied between \$15 and \$50 per linear foot, depending on total quantity and terrain.
- The cost of a gate has varied between \$1,000 and \$5,000 per unit depending on type, height, length, and total quantity.
- The cost of a cattleguard has varied between \$20,000 and \$100,000 per unit, depending on size and total quantity.
- The cost of tortoise fence has varied between \$5 and \$50 per linear foot, depending on total quantity and terrain.
- The cost of a culvert retrofit into a suitable tortoise crossing has varied between \$10,000 and \$50,000 per structure.
- The cost of a tortoise guard has varied between \$20,000 and \$75,000 per unit, depending on size and total quantity.

Table 3. Existing Wildlife Connectivity Projects

Project Name	Highway Number	Structure Type	Description	Target Species	Year Completed	Estimated Costs ^a
Infrastructure built specifically for animal passage or to redirect animal movement						
Boulder City Bypass	I-80	Overpass	Large overpass w/ 8' wildlife fencing	Bighorn sheep	2018	\$1,200,000.00
Mountain Springs	SR 160	Underpass	Large underpass w/ 8' wildlife fencing	Bighorn sheep	2020	\$1,500,000.00
Hoover Dam	US 93	Underpass	Box style	Bighorn sheep		Not Calculated ^b
Boulder City Bypass	I-11	Fence	36" tortoise fencing	Desert tortoise	2012-2018	Not Calculated ^b
I-15 North of Las Vegas	I-15	Fence	36" tortoise fencing	Desert tortoise	2016-2023	Not Calculated ^b
I-15 South of Las Vegas	I-15	Fence	36" tortoise fencing	Desert tortoise	2001-2019	Not Calculated ^b
SR 160	SR 160	Fence	24-36" tortoise fencing	Desert tortoise	2006-2015	Not Calculated ^b
SR 161	SR 161	Fence	24"-36" tortoise fencing	Desert tortoise		Not Calculated ^b
SR 163	SR 163	Fence	36" tortoise fencing	Desert tortoise	2000-2004	Not Calculated ^b
SR 164	SR 164	Fence	36" tortoise fencing	Desert tortoise		Not Calculated ^b
SR 165	SR 165	Fence	36" tortoise fencing	Desert tortoise		Not Calculated ^b
SR 173	SR 173	Fence	36" tortoise fencing	Desert tortoise	2003	Not Calculated ^b

Project Name	Highway Number	Structure Type	Description	Target Species	Year Completed	Estimated Costs^a
US 93 North of Las Vegas	US 93	Fence	36" tortoise fencing	Desert tortoise	2009	Not Calculated ^b
US 93 South of Las Vegas	US 93	Fence	36" tortoise fencing	Desert tortoise		Not Calculated ^b
US 95 South of Las Vegas	US 95	Fence	24"-36" tortoise fencing	Desert tortoise	2002-2008	Not Calculated ^b
US 95 North of Las Vegas	US 95	Fence	24-36" tortoise fencing	Desert tortoise	2014-2017	Not Calculated ^b
Pleasant Valley	ALT 395	Range fence	4' range fence.	Horses	2019	Not Calculated ^b
USA Parkway	SR 439	Underpass	2 large underpasses w/ 4' range fencing	Horses	2016-2017	\$3,000,000.00
Dayton Valley	US 50	Underpass	Large underpass w/ 4' range fencing	Horses	2013	\$1,500,000.00
Dayton Valley	US 50	Range fence	4' range fence added in multiple phases	Horses	2013-2022	Not Calculated ^b
Pequop Summit	I-80	Overpass	Large overpass w/ 8' wildlife fencing	Mule deer	2017 & 2018	\$22,000,000.00
Silver Zone	I-80	Overpass	Large overpass w/ 8' wildlife fencing	Mule deer	2013	\$3,500,000.00
10 Mile Summit	US 93	Overpass	Large overpass w/ 8' wildlife fencing	Mule deer	2010	\$3,000,000.00
10 Mile Summit	US 93	Underpass	2 large underpasses w/ 8' wildlife fencing	Mule deer	2010	\$1,000,000.00
HD Summit	US 93	Overpass	Large overpass w/ 8' wildlife fencing	Mule deer	2011	\$3,200,000.00
HD Summit	US 93	Underpass	2 large underpasses w/ 8' wildlife fencing	Mule deer	2010	\$3,200,000.00

Project Name	Highway Number	Structure Type	Description	Target Species	Year Completed	Estimated Costs ^a
Infrastructure built to serve multiple functions including animal passage (i.e., multi-use structures).						
Boulder City Bypass	I-80	Underpass	4 large open bridge, multi-use structures, w/ 8' wildlife fencing	Bighorn sheep	2018	Not Calculated ^b
I-15 North of Las Vegas	I-15	Underpass	2 reinforced concrete box culverts modified for safe tortoise passage w/ 36" tortoise fencing	Desert tortoise	2023	Not Calculated ^b
US 93 North of Las Vegas	US 93	Underpass	9 corrugated metal pipe culverts modified for safe tortoise passage w/ 36" tortoise fencing	Desert tortoise	2017	Not Calculated ^b
US 95 North of Las Vegas	US 95	Underpass	9 reinforced concrete box culverts modified for safe tortoise passage w/ 36" tortoise fencing	Desert tortoise		Not Calculated ^b
I-580 / Washoe Valley	I-580	Underpass	4 large open bridge, multi-use structures, w/ 8' wildlife fencing	Mule deer	2010	Not Calculated ^b
Existing structures where NDOT added or maintains fencing to redirect animal movement to those structures.						
Hoover Dam	US 93	Underpass	4 large open bridge underpasses where NDOT added 8' wildlife fencing	Bighorn sheep		Not Calculated ^b
Boulder City Bypass	I-11 - MP 10.45	Underpass	7-foot-wide reinforced concrete box culvert where NDOT added 36" tortoise fencing	Desert tortoise	2018	Not Calculated ^b
Boulder City Bypass	I-11 - MP 4.4	Underpass	Reinforced concrete box culvert where NDOT added 36" tortoise fencing and 8' wildlife fencing	Desert tortoise	2018	Not Calculated ^b

Project Name	Highway Number	Structure Type	Description	Target Species	Year Completed	Estimated Costs^a
Boulder City Bypass	I-11 - MP 4.95	Underpass	Concrete pipe culvert where NDOT added 36" tortoise fencing and 8' wildlife fencing	Desert tortoise	2018	Not Calculated ^b
Boulder City Bypass	I-11 - MP 6.11	Underpass	Concrete pipe culvert where NDOT added 36" tortoise fencing	Desert tortoise	2018	Not Calculated ^b
I-580 / Washoe Valley	I-580	Underpass	Low-use vehicle underpass where NDOT added natural path off the road for movement	Mule deer	2014	Not Calculated ^b
Pequop Summit	I-80	Underpass	2 low-use vehicle underpasses where NDOT added 8' wildlife fencing	Mule deer		Not Calculated ^b
Pequop Summit	I-80	Underpass	2 livestock underpasses where NDOT added 8' wildlife fencing	Mule deer		Not Calculated ^b
Verdi	I-80	Underpass	2 river bridges where NDOT added 8' wildlife fencing	Mule deer	2023	Not Calculated ^b
Verdi	I-80	Underpass	Livestock underpass where NDOT added 8' wildlife fencing	Mule deer	2023	Not Calculated ^b

Footnotes

- a Due to fluctuating costs, the range of elements within each project, and low bid processes, all costs are general estimates.
- b The wildlife mitigation components were not calculated for all projects. Refer to the cost estimates listed above for approximate costs.

Over the next few months, NDOT will work with various stakeholders, as well as local and regional research institutions, to collect available data on wildlife connectivity in Nevada. This effort will result in a catalog of available data, such as habitat and migration mapping, hotspot mapping, and collision or carcass data. In early 2024, NDOT will host various stakeholders for a workshop focused on establishing a systematic process for prioritizing connectivity needs and opportunities on the state highway system. The NDOT team will then develop a spatial model that ranks areas based on established criteria and will be complimented by qualitative information provided by stakeholders. In close partnership with NDOW, this collaborative process will identify a short list of top priorities that will be targeted for funds from the Wildlife Crossings Fund and federal grant programs.

For more information, contact NDOT at 775-888-7000 or info@dot.nv.gov.