

6-2013

Nevada Surface Transportation

The Lincy Institute and Brookings Mountain West

Follow this and additional works at: https://digitalscholarship.unlv.edu/brookings_pubs



Part of the [Transportation Commons](#)

Repository Citation

The Lincy Institute and Brookings Mountain West (2013). Nevada Surface Transportation. *Transportation & Infrastructure Fact Sheet No. 1* 1-2.

Available at: https://digitalscholarship.unlv.edu/brookings_pubs/39

This Report is protected by copyright and/or related rights. It has been brought to you by Digital Scholarship@UNLV with permission from the rights-holder(s). You are free to use this Report in any way that is permitted by the copyright and related rights legislation that applies to your use. For other uses you need to obtain permission from the rights-holder(s) directly, unless additional rights are indicated by a Creative Commons license in the record and/or on the work itself.

This Report has been accepted for inclusion in Brookings Mountain West Publications by an authorized administrator of Digital Scholarship@UNLV. For more information, please contact digitalscholarship@unlv.edu.

NEVADA SURFACE TRANSPORTATION

Transportation & Infrastructure Fact Sheet No. 1 | June 2013

Prepared by: The Lincy Institute and Brookings Mountain West

PURPOSE:

This fact sheet examines how Federal funding is allocated between Nevada counties, while also comparing to other Mountain West states. Elements of major bridge, freeway, and bypass projects in northern and southern Nevada are also compared to show the discrepancies between major infrastructure project funding within the state.

FEDERAL FORMULA-BASED AID TO THE STATES¹

Federal Formula-Based Aid per capita in the U.S. in 2010	\$2,085
Federal Formula-Based Aid per capita in Nevada	\$1,371
Rank of Nevada in Formula Aid (ranking includes Puerto Rico, Guam, and the Virgin Islands)	53 of 53
Federal Formula-Based Aid per capita in Washoe County, NV	\$1,664
Federal Formula-Based Aid per capita in Clark County, NV	\$772
Difference between Washoe and Clark	\$892
Amount of additional federal aid that Clark would receive per year if the county were funded at Washoe's federal funding level (based on 2,000,759 Clark population multiplied by \$892)	\$1,748,677,009

FEDERAL SURFACE TRANSPORTATION FORMULA GRANTS TO THE STATES²

Nevada Federal Surface Transportation Grant Funding per capita in 2012	\$257
Amount Nevada would have received had it been funded at average levels of Mountain West states (AZ, CO, NM, UT) and Puerto Rico	\$372
"Federal Transit Capital Investment" grants per capita in Nevada in 2012	\$6.24
Average for Mountain West states (AZ, CO, NM, UT) and Puerto Rico	\$18.92 (Diff = - 203%)
"Federal Transit Formula Grants" per capita for Nevada in 2012	\$7.64
Average for Mountain West states (AZ, CO, NM, UT) and Puerto Rico	\$39.79 (Diff = - 421%)

¹ U.S. Census, <https://www.census.gov/en.html>

² Ibid.

NEVADA MAJOR PROJECT INDEX
(PROJECTS BEGUN IN 2006-2009 AND FINISHED THIS DECADE)³

Total major Nevada major project funding according to NDOT	\$1,355,300,000
Amount for projects in Clark County	\$475,000,000
Clark's share of funding	35%
Clark's share of state population in 2010	72%
Clark's approximate share of Nevada's total Vehicle Miles Traveled according to NDOT	67%

* Note that the figures above exclude "congressional-directed spending" or earmarks

GALENA CREEK BRIDGE (I-580)
VS.
MIKE O'CALLAGHAN-PAT TILLMAN MEMORIAL BRIDGE (US 93)

	Galena Creek Bridge	Mike O'Callaghan-Pat Tillman Memorial Bridge
Total Length	1,725FT	1,900FT
Total Lanes	6	4
River Spanned	Galena Creek	Colorado
Metros Linked	Carson City (metro pop. 54,838) to Reno (metro pop 433,843)	Las Vegas (metro pop. 2,000,759) to Phoenix (metro pop 4,329,534)
Total Cost	\$133,000,000 (including the cost of the initial contract)	\$240,000,000
Funding Source	Mostly federal formula aid money	Mostly federal earmark money for both Arizona and Nevada
Road Maintenance	NDOT	NDOT and ADOT

³ Nevada Department of Transportation, <https://www.nevadadot.com/>

**INTERSTATE 580 (RENO-CARSON CITY FREEWAY)
VS.
INTERSTATE 215 (LAS VEGAS “BRUCE WOODBURY” BELTWAY)**

	Interstate 580 (Reno-Carson City Freeway)	Interstate 215 (Las Vegas Beltway)
Total Length	8.5 miles (Mt. Rose to Washoe Valley)	53 miles
Total Lanes	6	6-8
Total Cost	\$575,000,000	\$1,700,000,000
Cost Per Mile	\$67,648,000	\$32,075,000
Funding Source	Mostly federal formula aid and state funds (no use of local Special Improvement District money)	Mostly federal earmark money for both Arizona and Nevada
Road Maintenance	NDOT	Mostly by Clark County
Status	Complete	Sections of the road between US 95 and I-15 not fully complete

**CARSON CITY FREEWAY (UNDER CONSTRUCTION)
VS.
BOULDER CITY BYPASS (PROPOSED)**

	Carson City Bypass	Boulder City Bypass
Total Length	8 miles	15 miles
Total Lanes	4	4
Total Cost	approx. \$167,500,000 (67.5 mil for phase 1 and 100 mil for phase 2)	approx. \$400,000,000
Funding Source	Mostly federal formula aid and state funds	Uncertain, state money dedicated for phase 1 swept by governor’s budget, phase 2 funding includes a proposed toll
Status	Phase 1 complete. Phase 2A and 2B (4.9 miles under construction)	Mostly federal earmark money for both Arizona and Nevada
Primary Benefit	“Freeway around Carson City—The State Capital.”	Key link in I-11 project (Phoenix to Las Vegas). Also links Las Vegas to its suburb Mohave County, AZ