

## Future Roadway Element

The Connecting Nevada effort consulted various sources for projects to consider for the future roadway network; the two primary sources are discussed below.

### Planning Studies

The Connecting Nevada team reviewed numerous studies or plans relating to the state's transportation system. Projects that are included in NDOT's 5-year capital improvement program, or are included in the regional transportation plans for any of the state's MPOs, were not included in Connecting Nevada (these projects are already programmed for construction).

Table 1, starting on page 28, represents the projects identified through the Connecting Nevada process, either through stakeholder outreach, as identified through a review of separate studies or plans, or through direct consultation with planning entities (as identified).

*This list is not intended to be comprehensive or to replace the development of the Regional Transportation Plan (RTP) and other MPO processes already in place; it is simply meant to provide a base of where to work from.*

### Projects Identified Through Stakeholder Outreach

A number of projects and ideas were identified through the outreach conducted with stakeholders (Figures 3 and 4 on pages 35 and 36). These suggestions addressed interests and needs covering a broad spectrum of transportation issues: from increased roadway capacity and new roadway facilities to increased capacity for multimodal infrastructure addressing the desire for expanded rail, truck, and airport facilities. Some ideas supported ongoing efforts for improvements (development of a north-to-south interstate highway linking Phoenix and Las Vegas), others introduced new concepts (passenger rail between Reno and Las Vegas) or needs supporting emerging technologies and systems (such as a network of alternative fueling and battery

#### Studies consulted

- *Statewide Transportation Plan – Moving Nevada through 2028*
- *Apex to Mesquite and Moapa Valley Corridor Study*
- *CAMPO 2030 Regional Transportation Plan*
- *I-15 Corridor System Master Plan*
- *I-15 Resort Corridor Study*
- *I-80 Corridor Study*
- *NDOT Statewide Integrated Transportation Reliability Program*
- *NDOT Transportation System Projects (TSP) document*
- *RTC West Valley North–South Critical Facilities Study*
- *RTCSN Regional Transportation Plan 2009–2030*
- *Southern Nevada HOV Plan*
- *Southern Nevada Transportation Study*
- *Nevada Statewide Intermodal Goods Movement Study*
- *Lake Tahoe Regional Transportation Plan – Mobility 2030*
- *US 50 East Corridor Study*
- *Washoe County Freeway Corridor Study*
- *US 395 Southern Sierra Corridor Study*
- *Nevada Vehicle Miles Traveled Fee Study*
- *Washoe County*
- *RTC Regional Transportation Plan*
- *Western High Speed Rail (HSR) Alliance*
- *Western Nevada Transportation Study*
- *USA Parkway, Storey County – A Place Of Opportunity*
- *Yucca Mountain EIS*

charging stations to facilitate expanded use and range of electric and hybrid vehicles). Many ideas linked the need for transportation system improvements that support the state's economic development and the desire for greater economic diversification.

Connecting Nevada is a separate process from NDOT's Transportation System Projects (TSP), this process is briefly described below. The process by which Connecting Nevada projects may be included in the TSP is addressed in Connecting Nevada, Section 3: Implementation.

### **Transportation System Projects (TSP)**

In compliance with Title 23 of the Federal-Aid Highway Act and the Nevada Revised Statutes (NRS 408.203), the Nevada Department of Transportation (NDOT) produces the Transportation System Projects (TSP) document. This is done in cooperation with federal, state, and local governments, RTCs and MPOs so funding can be made available for needed transportation improvements in Nevada. The TSP includes the Statewide Transportation Improvement Program (STIP) and the Work Program, consisting of three elements:

1. Annual Work Program (listing the current fiscal year projects),
2. Short Range Element (lists projects state and local entities would like to initiate within the next 2 to 3 years), and
3. Long Range Element (lists projects in the planning stage or extensions of current projects to be completed in 4 to 10 years).

The Statewide Transportation Improvement Program (STIP) lists all capital and non-capital transportation projects proposed for funding under Title 23 of the Federal-Aid Highway Act or the Federal Transit Act. Capital transportation projects improve the capacity of state highways by increasing the number of lanes and building new roads and/or road extensions. Also covered are improvements to public and federal lands highways, transit projects, pedestrian walkways, and bicycle facilities.

NDOT has developed a Project Submittal Program that includes a statewide project selection process for transportation improvement projects. The process starts with the submission of a Project Submittal Application. Applications are accepted from Federal and State agencies, County, City and local governments, local public agencies, and Indian Tribal governments, but not from private-for-profit entities.

Additional information on the TSP process, and the entities involved may be found on the [www.nevadadot.com](http://www.nevadadot.com) website under 'Statewide Transportation Improvement Program (STIP)'.

Table 1, starting on the next page, represents the projects identified through the Connecting Nevada process, either through stakeholder outreach, as identified through a review of separate studies or plans, or through direct consultation with planning entities (as identified). This list is not intended to be comprehensive or to replace the development of the Regional Transportation Plan (RTP) and other MPO processes already in place; it is simply meant to provide a base of where to work from.

**Table 1. DRAFT Connecting Nevada List of Projects**

The list is organized first by mode (road, rail, and nonmotorized) and then alphabetically by project name.

Name	Description	Type	Responsibility
<b>Roadway Projects</b>			
CANAMEX High Priority Corridor <sup>1</sup>	The corridor will follow I-19, I-10, US 93, and I-15. This high-priority trade corridor includes transportation, commerce, and communications components. The transportation component calls for the development of a continuous four-lane roadway from Mexico through the US CANAMEX states, into Canada.	Improve and widen	Federal, State, tri-national
Carson Valley east side bypass <sup>2</sup>	New road: Build 20 miles of new 4-lane loop road (East side bypass), south of Pinenut Road to the Carson City Freeway connecting Jacks Valley Road	New road	Douglas County
Clark County roadway accessibility improvements <sup>3</sup>	Improve roadway accessibility along Christmas Tree Pass Road, Nelson Back Road, Golden Road, Crescent Road at various segments; a total of 50 miles.	New road	Clark County
Cold Creek Road improvements in Clark County <sup>3</sup>	Pave/improve accessibility along Corn Creek Road (7.2 miles) and Cold Creek Road (29 miles), east and west of US 95 within Clark County	New road	Clark County
Columbia Pass Road improvement <sup>3</sup>	Columbia Pass Road (inadequate information)	New road	Clark County
East Truckee Canyon/Spanish Springs new route <sup>4</sup>	A 6-lane freeway connecting the east end of Sparks with east I-80 at about the Patrick Interchange	New road	Washoe County RTC
East-West new route <sup>5</sup>	New corridor from Winnemucca to Nevada/California state line. Construct one lane each direction (Humboldt, Pershing, Washoe, BLM).	New Road	See description
Elko to Las Vegas connectivity <sup>5</sup>	Widen US 93, SR 318, US 6, US 93. Add 1 lane in each direction.	Widen	NDOT
Gold Butte connection to Bunkerville <sup>3</sup>	Gold Butte connection to Bunkerville (inadequate information)	New road	Clark County
I-11 new interstate corridor <sup>6</sup>	Connecting Phoenix, Las Vegas, and travel further north beyond Oregon/Washington	New road	Federal, State

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Notes:

Refer to the end of the table (page 34) for all notes.

Name	Description	Type	Responsibility
I-15 and CC-215 new traffic interchange <sup>7</sup>	Construct new interchange at I-15 and CC-215, including a connector from CC-215 to Tropical Avenue. This project will convey traffic between I-15 and I-95 and will become even more important as soon as CC-215 is converted to freeway standards in the next few years.	New traffic interchange	State
I-15 at CA/NV state line <sup>8</sup>	I-15: Widen from CA state line to the Southern Beltway, from 4 lanes to 6 lanes.	Widen	NDOT
I-15 South <sup>9</sup>	I-15: Widen from Blue Diamond (SR 160) to Tropicana Avenue then extend to Sloan Road. Construct one lane in each direction in the median area.	Widen	NDOT
I-15 South <sup>9</sup>	Las Vegas Boulevard (parallel to I-15): Widen from St. Rose Parkway (SR 146) to Sunset Road. Widen from 4 lanes to 6 lanes..	Widen	NDOT
I-15 to CC-215 connector <sup>10</sup>	New: Connect I-15 to CC-215 near Town Center Drive Interchange on the west side of Las Vegas.	New road	NDOT
I-15 widening <sup>11</sup>	Widen I-15 from Craig Road (SR 573) to Apex Interchange (Exit 58) as 4 lanes to 6 lanes.	Widen	NDOT
I-215 HOV Lane <sup>12</sup>	From I-515 to Summerlin Parkway: Add one lane each direction.	Improve and widen	NDOT
I-515 Freeway improvement <sup>9</sup>	Freeway Improvements from I-15 to Horizon Drive. Improve operational efficiency, capacity, and safety. New interchanges, realign Bonanza Road overcrossing of Las Vegas Boulevard.	Improve and widen	NDOT
I-80 improvement from Winnemucca to Reno <sup>5</sup>	Add one lane in each direction on I-80 between Winnemucca and Reno.	Widen	NDOT
I-80 widening within Washoe limit <sup>9</sup>	Projects consist of widening I-80 within Reno, Sparks, Truckee limit. Ultimate number of lanes vary from 6 lanes to 10 lanes, incorporating multiple traffic interchange improvements.	Widen	Washoe County RTC and NDOT
Ivanpah Airport proposed accessibility <sup>3</sup>	Improve regional connectivity between Rainbow to Sloan (New Ivanpah Airport).	New road	Clark County

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Notes:

Refer to the end of the table (page 34) for all notes.

Name	Description	Type	Responsibility
Las Vegas Valley Eastern Beltway <sup>7</sup>	Las Vegas Valley Eastern Beltway from the I-15/CC-215 northern interchange to I-95 as a southern truck bypass route from UT to AZ.	New road	Clark County, City of North Las Vegas
Lazy 5 Parkway new route <sup>4</sup>	Construct Lazy Parkway from Sun Valley Boulevard to Wingfield Hills Road as a 4-lane road.	New road	Washoe County
McCarran Boulevard improvement <sup>4</sup>	Widen the entire stretch of McCarran Boulevard in the Reno area from 6 lanes to 8 lanes.	Widen	Washoe County RTC
North 5th Street Super Arterial Project <sup>7</sup>	Complete North 5th Street Super Arterial Project between Cheyenne Avenue and CC-215. This project will provide an alternative to I-15 traffic and was recommended as part of the I-15 Northeast Corridor Study. It will serve as a connector between the developing northern employment center surrounding the proposed University of Las Vegas north campus and new Veterans Hospital and the major employment centers in the Las Vegas area. Project will include a new transit link.	New road	Clark County, City of North Las Vegas
Pahrump and Sandy Valley connectivity <sup>3</sup>	Improve connectivity between Pahrump and Sandy Valley. Project entails constructing/improving 96 miles of roadway.	New road	Clark County
Project Neon <sup>11</sup>	I-15 Desert Inn Road - HOV Direct Connector from US 95 to I-15. I-15 widening improvements from Spaghetti Bowl to south of Sahara. Add/drop lanes at Oakey/Wyoming. New access to Alta.	Improve and widen	NDOT
Sheep Mountain Parkway <sup>7</sup>	Construct Sheep Mountain Parkway as an outer loop between I-15 and I-95. As the Las Vegas Valley continues to grow, this connector will be needed as a truck bypass and will serve the northern valley, including the future University of Las Vegas north campus and proposed new residential and business developments north of CC-215.	New road	Clark County, City of North Las Vegas
Southeast Connector new route <sup>4</sup>	A 6-lane, high-access-control major arterial from Greg Sparks Boulevard. to South Meadows Parkway; in Double Diamond.	New road	Washoe County RTC

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Refer to the end of the table (page 34) for all notes.

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Name	Description	Type	Responsibility
SR 160 (Blue Diamond Road) recreational access improvement <sup>11</sup>	SR 160 widen from SR 159 to Mountain Springs summit, from 2 lanes to 4 lanes.	Widen	NDOT
SR 160 improvement <sup>13</sup>	Widen SR 160 from Calvada Boulevard to the NY/CL county line, from 2 lanes to 5 lanes.	Widen	NDOT and Nye County
SR 225 improvement <sup>5</sup>	SR 225 widening from I-80 to Nevada/Idaho state line. Add one lane in each direction.	Widen	NDOT
SR 227 Bypass (Elko to Spring Creek) <sup>5</sup>	Extension of Errecart Boulevard from Bullion Road to SR 227 allowing through traffic from Spring Creek to the mines.	New road	City of Elko, Elko County, NDOT
SR 427 construction and realignment <sup>14</sup>	New road from junction of SR 427 (Old US 40) for approximately 3 miles. Realign roadway (Wadsworth limit).	New road	Washoe County RTC
SR 445 Pyramid Highway road improvements <sup>6</sup>	From Calle De La Plata south to Disc Drive, convert the arterial to a 6-lane freeway with frontage roads as needed. Build a new 6-lane freeway from the Disc area west to US 395, tie in with a system interchange. Extend Disc Drive east from Pyramid to Vista as a 6-lane arterial.	Improve and widen	Washoe County RTC and NDOT
U.S. 95/CC-215 Northern Beltway system traffic interchange improvement <sup>7</sup>	Prevailing traffic condition triggers this project to be constructed sooner than planned in Statewide Transportation Improvement Program.	New system traffic interchange	State
US 395 Carson City Freeway (Phase 2B) <sup>16</sup>	Construct three miles of 4-lane access-controlled freeway; complete Snyder Bridge; construct interchanges at Fairview Drive and south Carson Street. Improve drainage.	New road	NDOT
US 395 improvement within Washoe County <sup>14</sup>	US 395 widening within Washoe limit. Ultimate number of lanes varies from 6 lanes to 10 lanes.	Improve and widen	Washoe County RTC
US 395 improvements <sup>15</sup>	Improve US 395 from Jacks Valley Road to Douglas/Carson City county line. Frontage road, bike lanes, sidewalks, grade separation, interchange.	Improve and widen	CAMPO and Douglas County

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Notes:

Refer to the end of the table (page 34) for all notes.

Name	Description	Type	Responsibility
US 395 improvements <sup>2</sup>	Build 4-lane freeway from Muller Lane to Plymouth Drive, 6-lane arterial from SR 88, Woodfords Road to Muller Lane. Truck climbing lane from Mica Drive to N. Sunridge Drive with frontage road, bike lanes, sidewalks, grade separations, and interchanges.	Improve and widen	NDOT, CAMPO, and Douglas County
US 395 widening within Washoe limit <sup>17</sup>	Widen US 395 from McCarran Boulevard to Stead Boulevard. Interchange improvements, bridge widening, signage, and drainage improvements.	Widen	NDOT
US 93/US 95 Boulder City Bypass <sup>9</sup>	US 93/US 95 Boulder City Bypass: New 4-lane, limited-access divided highway as a bypass to the south of Boulder City for US 93 traffic (Phase 2)	New road	NDOT
US 93 widening <sup>18</sup>	Add one lane in each direction from I-15 to Lincoln County line making US 93 as a 4-lane divided highway.	Widen	
US 95 improvement <sup>5</sup>	US 95 widening from north of I-80 to Nevada/Oregon state line. Add one lane in each direction.	Widen	NDOT
US 95 widening <sup>9, 19</sup>	Widen US 95 from Ann Road to Kyle Canyon Road (Phase 2). Three general purpose and one HOV lane. US 95/CC-215 Northern Beltway system interchange (Phase 3). Construct service interchange at Kyle Canyon (Phase 5).	Widen	NDOT
USA Parkway new route <sup>5</sup>	Construct USA Parkway from Comstock Valley to Ramsey Valley (I-80 to US 50).	New road	Washoe, Storey, and Lyon Counties
White Rock Road accessibility improvements <sup>3</sup>	Pave/improve accessibility along White Rock Road from Bunkerville to NV/AZ state line.	New road	Clark County
Williams Street/US 50 widening from Carson City to Fallon <sup>5, 20</sup>	Add one lane in each direction from Saliman Road west of US 395 to Alt US 50 (Veterans Memorial Highway).	Widen	NDOT and CAMPO
Winnemucca Ranch Road new route <sup>4</sup>	New Winnemucca Ranch Road from California state Line to Spring Mountain Town Center. Construct 2-lane road.	New road	Washoe County RTC
<b>Rail Projects</b>			
California-Nevada Interstate Maglev Project <sup>21</sup>	A high-speed maglev system between Las Vegas and Anaheim, California.	New Railroad	Public, private partnership

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Refer to the end of the table (page 34) for all notes.

Name	Description	Type	Responsibility
Elko, Reno, and Las Vegas rail connections <sup>5</sup>	Elko to Reno to Las Vegas Corridor—connect the triangle.	New Railroad	Public, private partnership
Ely and Caliente rail connection <sup>5</sup>	Ely to Caliente rail connection.	New Railroad	Public, private partnership
Falcon rail facility relocation <sup>22, 23</sup>	Fallon transload facility relocation.	New Railroad	Public, private partnership
Las Vegas rail passenger terminal <sup>22, 23</sup>	Las Vegas and other cities—high-speed rail passenger terminals.	New Railroad	Public, private partnership
Los Angeles and Las Vegas passenger rail service <sup>5</sup>	Los Angeles and Las Vegas—X-Train conventional passenger rail service	New Railroad	Public, private partnership
Los Angeles and Reno freight corridor <sup>5</sup>	Los Angeles to Reno—improve freight corridor.	New Railroad	Public, private partnership
Nevada inland port projects <sup>22</sup>	Northern and southern Nevada inland port projects.	New Railroad	Public, private partnership
Northwest NV commuter rail corridor <sup>5</sup>	Reno, Fernley, Carson commuter rail corridor .	New Railroad	Public, private partnership
Northwest NV light rail corridor <sup>5</sup>	Gardnerville/Minden to Reno light rail corridor .	New Railroad	Public, private partnership
NV, AZ, UT, CA, and CO high-speed rail connection <sup>22, 23</sup>	High-speed rail corridor between Reno, Salt Lake City, Denver, Las Vegas, Phoenix, and Los Angeles.	New Railroad	Public, private partnership
Pahrump and Jean rail connection <sup>5</sup>	Pahrump to Jean Rail connection.	New Railroad	Public, private partnership
Reno to Salt Lake City passenger rail <sup>5</sup>	Improved passenger rail from Reno to Salt Lake City.	Improved railroad	Public, private partnership
Reno to Wendover UPRR improvements <sup>22</sup>	Union Pacific Railroad Phase 2 projects, including sub siding projects in Nevada (construct Oreanna; construct Valery; and extend Massie); Elko CTC improvements; Donner Pass improvements in California (which could enhance Nevada freight movements)	New Railroad	Public, private partnership
Reno-Tahoe-San Francisco-passenger rail service <sup>22</sup>	Reno-Tahoe-San Francisco-passenger rail service to support the proposed 2022 Reno-Tahoe Olympics bid.	New Railroad	Public, private partnership
San Francisco and Reno light rail corridor <sup>5</sup>	Reno to San Francisco light rail corridor	New Railroad	Public, private partnership
Statewide rail-highway grade-crossing improvements <sup>22</sup>	Statewide—NDOT rail-highway grade-crossing improvements	Improved railroad crossing	Public, private partnership

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Refer to the end of the table (page 34) for all notes.



Name	Description	Type	Responsibility
UPRR sub siding improvement <sup>22</sup>	Reno to Fernley-Patrick and Rose Creek-Union Pacific Railroad Phase 1 sub siding improvements.	Improved railroad	Public, private partnership
Victorville to Las Vegas high-speed passenger rail <sup>22</sup>	High-speed interstate passenger railroad from Victorville, CA, to Las Vegas, NV.	New Railroad	Private and Railroad Rehabilitation and Improvement Financing (RRIF) partnership
Virginia and Truckee historical railroad corridor <sup>22</sup>	Virginia and Truckee railroad, Nevada northern railway historical railroad corridor.		Public, private partnership
Weso crossover improvement <sup>22</sup>	Union Pacific Railroad track enhancement project to upgrade the Weso crossover.	Improved railroad	Public, private partnership
White Pine shortline improvements <sup>22</sup>	White Pine (Northern Nevada Railroad) shortline improvements	New Railroad	Public, private partnership
<b>Nonmotorized Projects</b>			
America's Most Beautiful Bikeway <sup>24</sup>	Proposed bike trail along US 50 and SR 28, eastern shore of Lake Tahoe between Stateline and Incline Village.	New/improve bikeway	Tahoe Transportation District (TTD)
Tahoe Pyramid Bikeway <sup>25</sup>	Scenic bikeway from Verdi to Sparks, Mustang to USA Parkway, and Wadsworth to Pyramid Lake	New/improve bikeway	NDOT, public private partnership
Vegas Valley Rim Trail <sup>26</sup>	A regional trail in the Las Vegas Valley that will serve as a beltway encircling the Valley providing an alternative transportation route to and central artery of a regional trail system.	Nonmotorized	Southern Nevada Regional Planning Coalition

**Notes:**

- 1 <http://canamex.org/CanaMexUSA.asp>
- 2 Annual Work Program, Douglas, 2012-21
- 3 Clark County Public Works
- 4 Washoe RTP, May 2011
- 5 Connecting Nevada Phase II Stakeholder Workshops Summary, Feb 2012
- 6 Maricopa Association of Governments (MAG) I-11 Corridor Workshop, May 2011
- 7 Department of Public Works, North Las Vegas
- 8 Annual Work Program, Clark, 2015-21
- 9 Quarterly Report for Major Projects for Quarter Ending March 31, 2012
- 10 RTC West Valley North-South Critical Facilities Study
- 11 NV STIP 2012-2015
- 12 Southern Nevada HOV Plan, June 2007
- 13 Annual Work Program, Nye, 2012-21
- 14 Annual Work Program, Washoe, 2012
- 15 Annual work program, CAMPO, 2012-21
- 16 Quarterly Report for Major Projects for Quarter Ending March 31, 2015
- 17 Quarterly Report for Major Projects for Quarter Ending March 31, 2014
- 18 APEX to Mesquite and Moapa Valley Corridor Study, Jan 2011
- 19 US 95 Northwest Corridor Improvement Project, NDOT, 2011
- 20 Carson Area Metropolitan Planning Organization 2035 RTP, June 2012; US 50 East Corridor Study, November 2007
- 21 California- Nevada Interstate Maglev Project
- 22 Nevada State Rail Plan, 2012
23. Western High Speed Rail Alliance Vision
- 24 Tahoe Transportation District, <http://tahoetransportation.org/projects-and-planning/projects-map>
- 25 Tahoe-Pyramid Bikeway, <http://www.tbikeway.org/index.php>
- 26 Southern Nevada Regional Planning Coalition

Figure 3. Roadway Improvement Projects

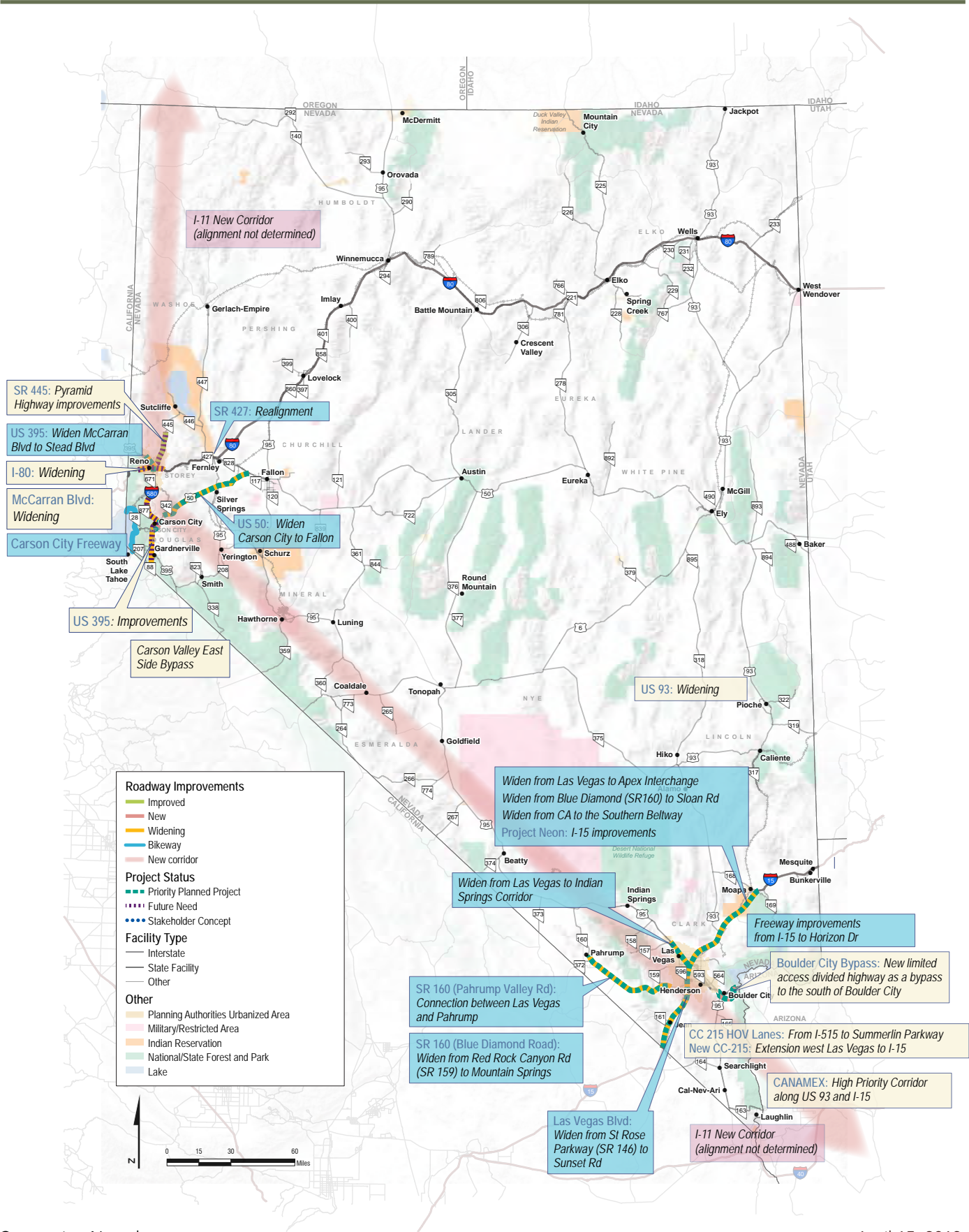


Figure 4. Transit Improvement Projects

