



# WASHOE COUNTY

"Dedicated To Excellence in Public Service"

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CM/ACM KS

Finance DN

DA N/A

Risk Mgt. N/A

HR N/A

Comptroller N/A

## STAFF REPORT

BOARD MEETING DATE: April 12, 2016

**DATE:** March 11, 2016

**TO:** Board of County Commissioners

**FROM:** Dwayne Smith, P.E., Division Director, Engineering & Capital Projects, Community Services Department, 328-2043, [desmith@washoecounty.us](mailto:desmith@washoecounty.us)

**THROUGH:** Dave Solaro, Arch., P.E., Director  
Community Services Department, 328-3600, [dsolaro@washoecounty.us](mailto:dsolaro@washoecounty.us)

**SUBJECT:** Appearance: Jeff Hale, P.E., Engineering Director, Regional Transportation Commission.  
  
Presentation on Regional Transportation Commission's Street and Highway Program of Projects and the Fiscal Year 2016/2017 Fuel Tax Street and Highway Program of Projects. (All Commission Districts.)

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For the past eight years, the Regional Transportation Commission (RTC) has requested that the subject local agencies enter into an Interlocal Cooperative Agreement for the design, property acquisition (where necessary), construction engineering, and construction of specific projects contained in the RTC's Regional Road Impact Fee Street and Highway Program of Projects and the Fuel Tax Street and Highway Program of Projects.

Washoe County Strategic Objective supported by this item: Safe, Secure and Healthy Communities.

### PREVIOUS ACTION

On October 14, 2014, the Board of County Commissioners (Board) approved the Interlocal Cooperative Agreement for Projects for FY 2015/2016.

On October 8, 2013, the Board acknowledged the presentation and approved the Interlocal Cooperative Agreement for Projects for FY 2014/2015.

On October 23, 2012, the Board approved the Interlocal Cooperative Agreement for Projects for FY 2013/2014.

On November 8, 2011, the Board approved the Interlocal Cooperative Agreement for Projects for FY 2012/2013.

On October 26, 2010, the Board approved the Interlocal Cooperative Agreement for Projects for FY 2011/2012.

On November 10, 2009, the Board approved the Interlocal Cooperative Agreement for Projects for FY 2010/2011.

AGENDA ITEM # 6

On October 28, 2008, the Board approved the Interlocal Cooperative Agreement for Projects for FY 2009/2010.

On November 13, 2007, the Board approved the Interlocal Cooperative Agreement for Projects for FY 2008/2009.

The RTC's Technical Advisory Committee (TAC), which includes planning and public works representatives from Reno, Sparks, and Washoe County, recommends to the RTC Board an annual Street and Highway Program of Projects to be funded using fuel tax funds, sales tax funds and Regional Road Impact Fees. The TAC also recommends amendments to the programs as necessary to meet changing conditions and regional needs. This program identifies specific projects and proposed funding allocations for various activities such as design, construction/right-of-way, construction engineering, etc.

**FISCAL IMPACT**

There is no fiscal impact associated with this item.

**RECOMMENDATION**

It is recommended the Board of County Commissioners acknowledge the presentation on the Regional Transportation Commission's Street and Highway Program of Projects and the Fiscal Year 2016/2017 Fuel Tax Street and Highway Program of Projects.

**POSSIBLE MOTION**

Should the Board agree with staff's recommendations, a possible motion would be: "Move to acknowledge the presentation on the Regional Transportation Commission's Street and Highway Program of Projects and the Fiscal Year 2016/2017 Fuel Tax Street and Highway Program of Projects."



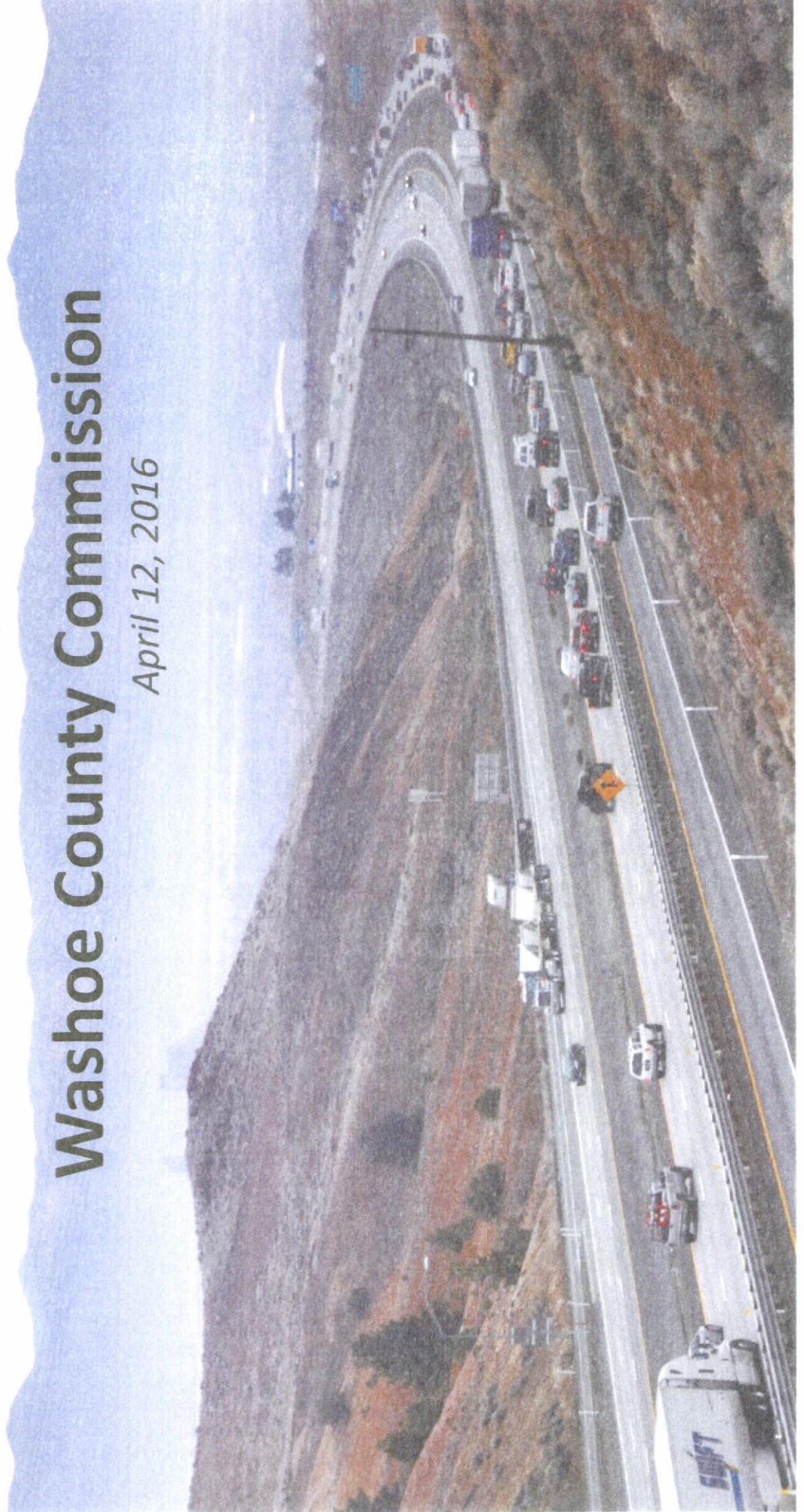


**REGIONAL TRANSPORTATION COMMISSION**

*Metropolitan Planning • Engineering & Construction • Public Transportation & Operations*  
Metropolitan Planning Organization of Washoe County, Nevada

# Washoe County Commission

April 12, 2016





# RTC Responsibilities



- **What RTC Does Do:**

- Build and maintain the regional road network
  - 1500 lane miles
  - Arterials, Major Collectors, Industrial Roads
- Deliver safety and accessibility projects
- Administer the Regional Road Impact Fee program
- Metropolitan Planning Organization Functions
- Operate Fixed Route Transit System
- Operate Paratransit





# RTC Responsibilities

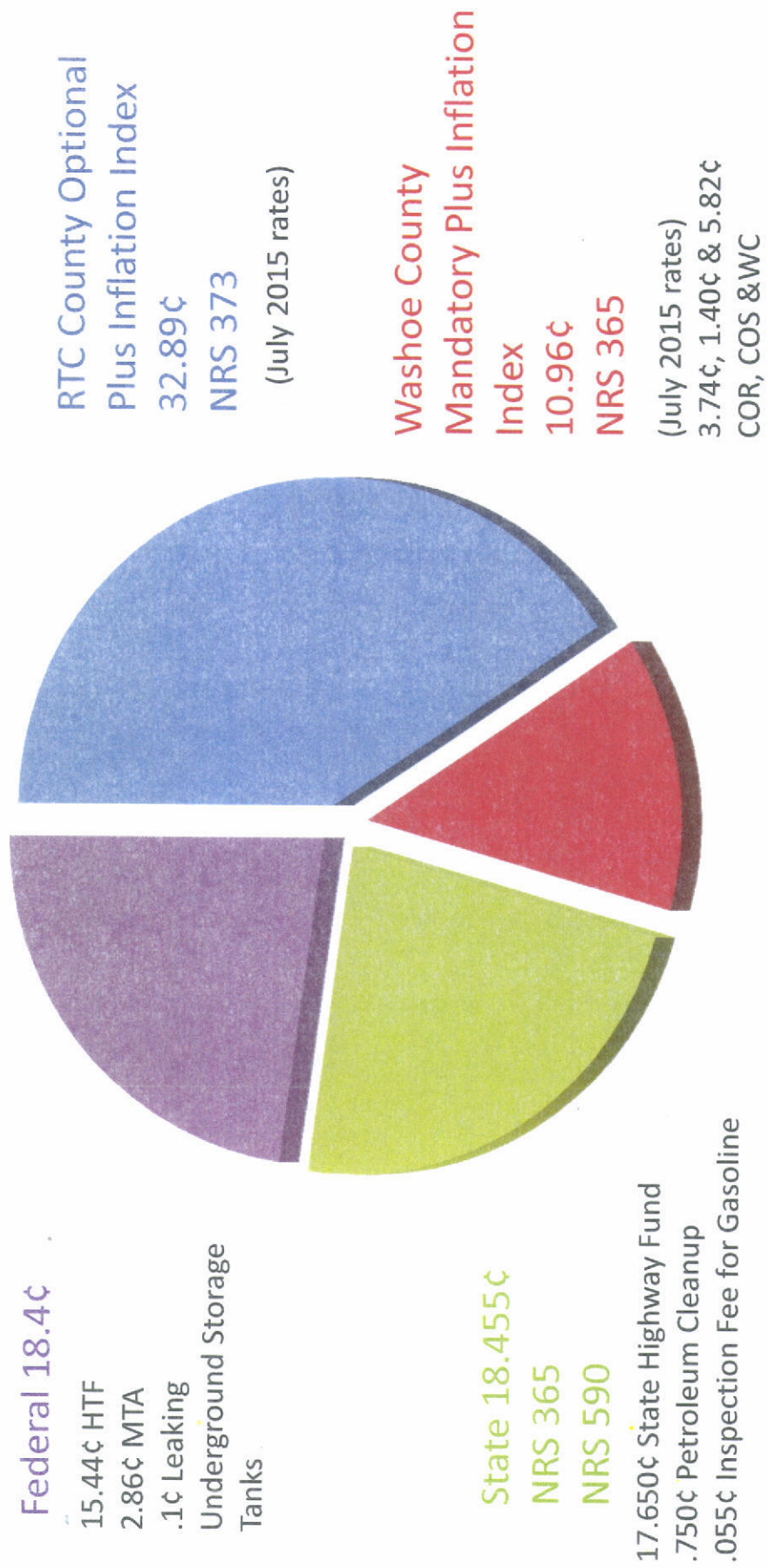


- What RTC Does Not Do:
  - Operate or perform routine road maintenance
    - Sweeping, Pothole Repair, Storm Drain Clean-out, etc.
  - Perform preventive or rehabilitation work on non-regional roads





# Current Fuel Tax Rates in Washoe County

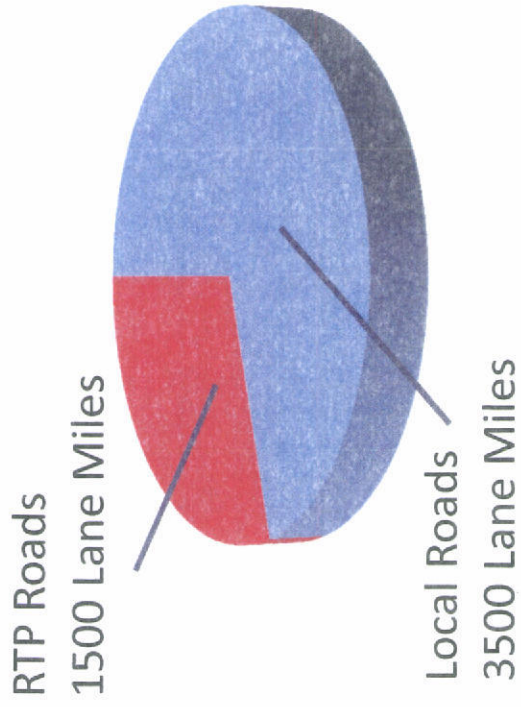


# Local Regional Roads and RTP Roads



Based on NDOT's September 2015  
Highway Performance Monitoring Report

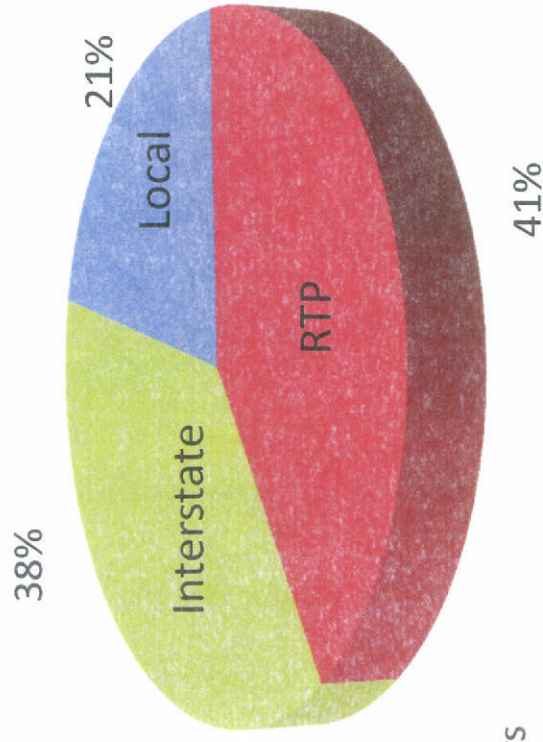
## Local and RTP Roads



**Local Regional Roads:**  
Residential, Minor Collectors

**RTP Roads:**  
Arterials, Major Collectors,  
Industrial

## Vehicle Miles Traveled

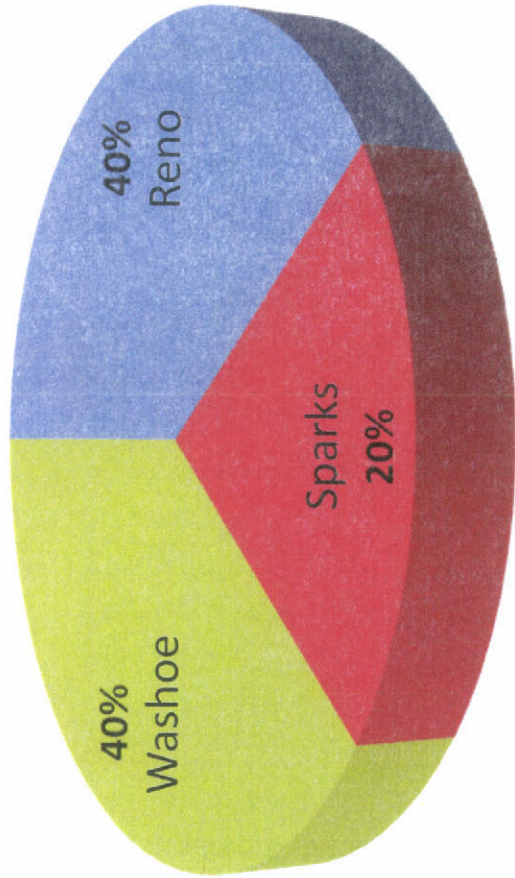




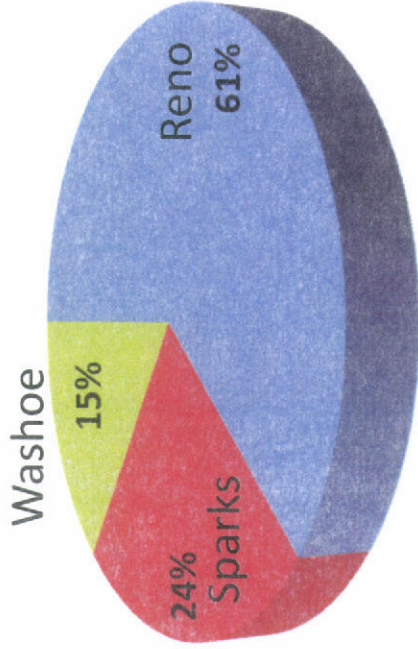
# Road Type Distribution by Agency



### Local Roads



### RTP Roads





# Project Development Process





# Program of Projects



- RTC Board approved appropriations for individual projects
- New appropriations based on projected revenues for upcoming fiscal year available after commitments

## New Projects for FY17

\$3.5 Million in Preventative and Corrective Maintenance

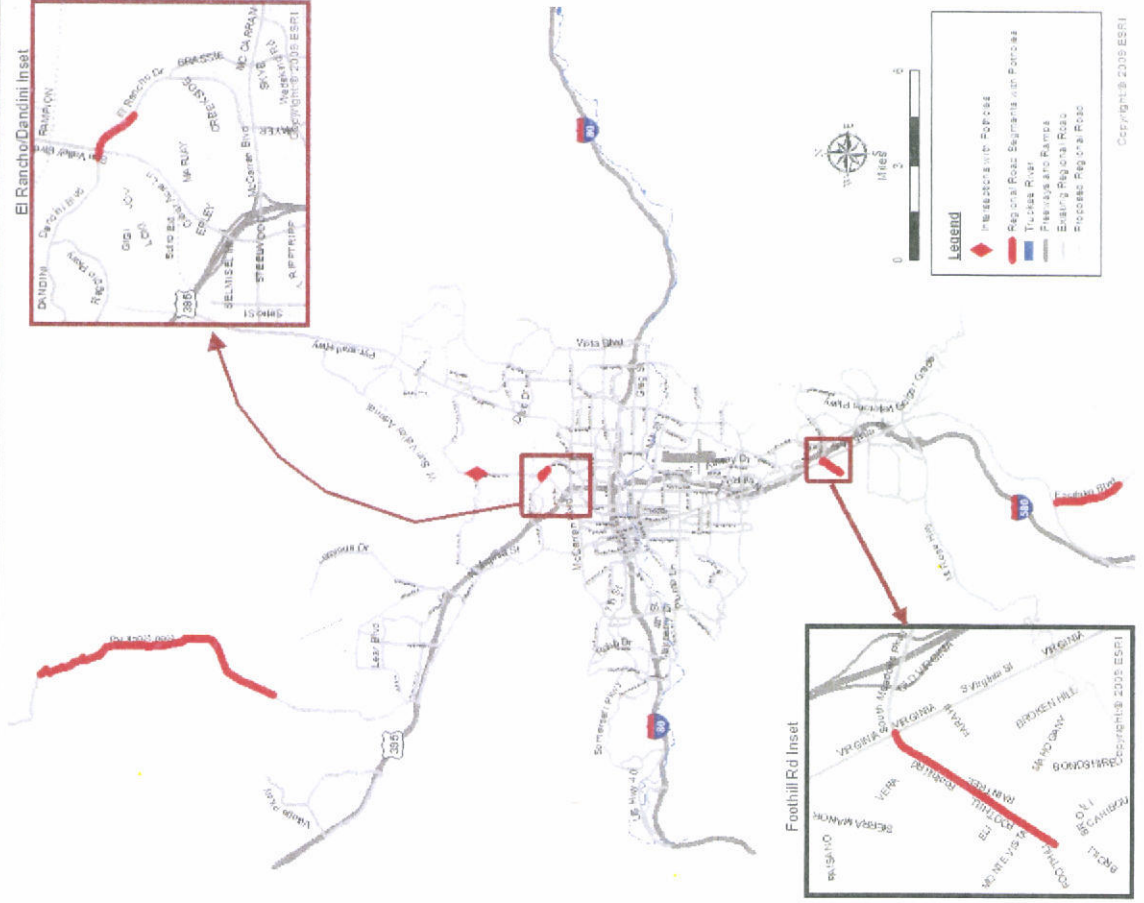
\$5.0 Million for North Valleys Interim Improvements (RRIF)

\$1 Million for Sun Valley Blvd. Bike and Pedestrian Improvements

\$2 Million for ITS Fiber Optics, Equipment and Software



# Regional Pavement Preservation Needs



## Corrective

- Eastlake (Cattleguard to Cottontail)
- El Rancho (Clearacre to Moorpark)
- Sun Valley Blvd (7th Ave intersection)

## Preventative

- Red Rock Road – Adobe to Bird Springs
- Dandini Blvd – Clear Acre to Lienesio Dr
- Foothill Rd – Caribou to So. Virginia

\$8.5 Million available for  
Regional Pavement Maintenance  
In 2016/2017



# Continuing Project Development



- 4<sup>th</sup> and Prater Complete Street and BRT Project
- Virginia Street at Mid-Town and UNR
- Evans Ave. Bike and Pedestrian Improvements
- Regional Signal System Upgrades
- Pyramid McCarran Intersection
- Pyramid / US-395 EIS





# Pyramid McCarran Intersection



- Demolition Complete
- Construction began the week of April 4<sup>th</sup>
- Complete in 4<sup>th</sup> quarter of 2017





# Complete Street Master Plan



- Develop a long-range strategy for implementing Complete Streets treatments.
- Planning and building safe multi-modal transportation systems for the travelling public is the most critical goal of the RTC.
- Safety is involved in all types of transportation:



# Complete Street and Safety



Investments have contributed to reductions in crashes  
Reducing property damage and injuries in 2015

- Traffic fatalities down by 3%
- Pedestrian fatalities down by 27%
- Bicycle fatalities down by 67%



| Location            | % Reduction in Crashes |
|---------------------|------------------------|
| Wells Avenue        | 31%                    |
| California/Mayberry | 42%                    |
| Arlington Avenue    | 46%                    |
| Mill Street         | 43%                    |
| Sutro Street        | 38%                    |
| Plumas Street       | 41%                    |
| Sierra Street       | 31%                    |
| Victorian Avenue    | 35%                    |



# Short Range Transit Plan



The FY 2017 – 2021 SRTP is the operating and capital program to guide transit delivery over the next five (5) years.

- Efficiency and effectiveness of every route evaluated
- Recommend route restructuring where appropriate
- Productivity of service versus geographical coverage of service
- Paratransit / ADA impacts
- Fares & technologies









# Questions



Lee Gibson, AICP  
Executive Director

[lgibson@rtcwashoe.com](mailto:lgibson@rtcwashoe.com)

Amy Cummings  
Director of Planning

[acummings@rtcwashoe.com](mailto:acummings@rtcwashoe.com)

Jeff Hale, P.E.

Director of Engineering

[jhale@rtcwashoe.com](mailto:jhale@rtcwashoe.com)

David Jickling

Director of Public

Transportation/Operations

[djickling@rtcwashoe.com](mailto:djickling@rtcwashoe.com)

Michael Moreno

Public Affairs Administrator

[mmoreno@rtcwashoe.com](mailto:mmoreno@rtcwashoe.com)

## Thank you!

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