



## REGIONAL TRANSPORTATION COMMISSION

*Metropolitan Planning • Public Transportation & Operations • Engineering & Construction*

Metropolitan Planning Organization of Washoe County, Nevada

# 2017 ANNUAL REPORT



# TABLE OF CONTENTS

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4	Your RTC Board of Commissioners
5	Your RTC Director Team
6	RTC Awards & Recognitions
8	2040 Regional Transportation Plan
10	Pyramid McCarran Intersection Improvement Project
12	SouthEast Connector Project
14	4 <sup>th</sup> Street/Prater Way Bus RAPID Transit Project
16	Virginia Street Bus RAPID Transit Extension Project
18	Traffic Signals Optimization
19	Safety & Mobility Improvements
20	Communication
21	Community Engagement & Outreach
21	Special Events
22	Safe Routes to School
22	Travel Study
23	Planning Studies
24	Sustainability Plan
26	Public Transportation & Operations
28	Villanova Bus Facilities Upgrades
30	RTC Smart Trips
32	Quality Customer Service
32	The Road Ahead with RTC
33	Internal Process Improvement
34	Current Performance Measures

## RTC GUIDING PRINCIPLES

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- Safe and Healthy Communities
- Economic Development Diversification
- Sustainability
- Increased Travel Choices





# RTC BOARD

The Regional Transportation Commission of Washoe County is a cooperative regional board comprised of five representatives appointed from three government jurisdictions:

- Two Reno City Council Members
- One Sparks City Council Member
- Two Washoe County Commissioners



**RON SMITH**  
RTC CHAIR  
City of Sparks Mayor Pro Tempore  
Serving Since January 2009



**BOB LUCEY**  
RTC VICE CHAIR  
Washoe County Commissioner  
Serving Since January 2015



**NEOMA JARDON**  
Vice Mayor  
City of Reno Vice Mayor  
Serving Since December 2013



**PAUL MCKENZIE**  
Councilman  
City of Reno Council member  
Serving Since August 2015



**VAUGHN HARTUNG**  
Washoe County Commissioner  
Serving since December 2017  
Previously served January 2015 - December 2015



**RUBY MALFABON, Ex-officio**  
Director  
Nevada Department of Transportation  
Serving since September 2012



**MARSHA BERKBIGLER**  
Washoe County Commissioner  
Served from January 2015 - December 2017





# RTC DIRECTORS



RTC Washoe is comprised of six departments that meet the on-going challenges of our transportation network.

**LEE G. GIBSON, AICP**  
Executive Director



**STEPHANIE HADDOCK**  
Director of Finance  
Chief Financial Officer



**DAVID JICKING**  
Director of Public Transportation  
and Operations



**BRIAN STEWART, P.E.**  
Director of Engineering



**AMY MCABEE CUMMINGS, AICP/LEED AP**  
Director of Planning

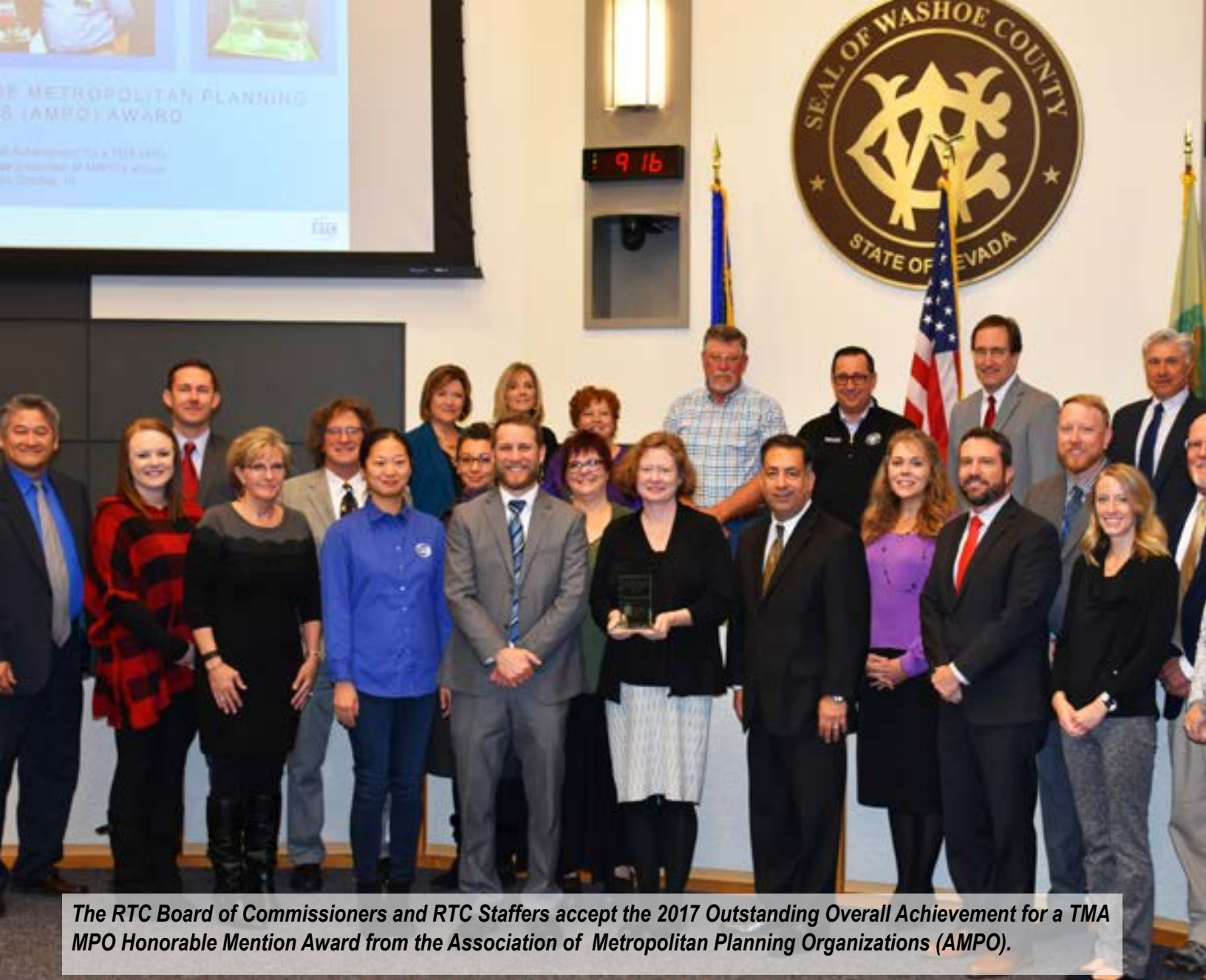


**ADAM SPEAR**  
Director of Legal Services



**ANGELA REICH**  
Director of Administrative Services





*The RTC Board of Commissioners and RTC Staffers accept the 2017 Outstanding Overall Achievement for a TMA MPO Honorable Mention Award from the Association of Metropolitan Planning Organizations (AMPO).*



*Representing the RTC, Michael Moreno, RTC Public Affairs Manager, receives the EDawn Community Partner Award from RTC Commissioners Ron Smith and Neoma Jardon.*





*The RTC Board of Commissioners and RTC Staffers accept GREENevada's 2017 Golden Pinecone Sustainability Award.*

# AWARDS AND RECOGNITIONS

.....  
**Center for Urban Transportation Research,  
University of South Florida**

Best Workplaces for Commuters Designation - National  
Standard of Excellence  
February 2017

**Immunize Nevada**

Silver Syringe Award - Outstanding Influenza  
Immunization Program  
RTC Free Flu Vaccine Community Clinic  
April 2017

**American Public Transportation Association**

Silver Recognition Sustainability Award RTC Sustainability Plan  
August 2017

**Association of Metropolitan Planning Organizations**

2017 Outstanding Overall Achievement for a Transportation  
Management Association  
Metropolitan Planning Organization Honorable Mention Award  
October 2017

**American Planning Association, Nevada Chapter**

DeBoer Award 2017 Outstanding Implementation Plan -  
RTC Sustainability Plan  
October 2017

**Economic Development Authority of Western Nevada  
(EDAWN)**

2017 Community Partner Award  
October 2017

**GREENevada**

2017 Golden Pinecone Sustainability Award  
November 2017

**Government Finance Officers Association**

2017 Certificate of Achievement  
November 2017

# 2040 REGIONAL TRANSPORTATION PLAN

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The RTC Board adopted the region's long-range transportation plan, called the 2040 Regional Transportation Plan (RTP) in May of 2017. The overarching vision contained in the RTP focuses on transportation as a catalyst for developing economic opportunities that sustain our valued quality of life.

The plan defines the long-range policies and priorities for the community's future transportation system and serves as the blueprint to maintain our public transit network and improve our roadways, improving accessibility to all regardless of age or ability. It is a key component to improving our region's quality of life and air quality.

Because of community support, RTC was able to inspire, innovate and implement an integrated and efficient regional transportation system.

To see the long-range plan, visit [rtcwashoe.com/rtp](http://rtcwashoe.com/rtp).











Turning Sparks' Busiest into Sparks' Best!

# PYRAMID/MCCARRAN INTERSECTION IMPROVEMENT PROJECT



The 60,000 cars that pass through the Pyramid/McCarran intersection now spend less time waiting in traffic as a result of the improvements implemented by the RTC's Pyramid/McCarran Intersection Improvement Project, including adding one new lane in each direction to Pyramid Way and installing dedicated turning lanes to both Pyramid and McCarran. Less time in traffic means reduced emissions and cleaner air for our community.

Cyclists now have dedicated bike lanes and residents are using the new multi-use pathway to walk to and from nearby shops and restaurants, making the neighborhood safer, more vibrant, and more connected than ever before. Newly planted trees line the multi-use pathway and community-designed privacy screens were installed along the roadway. The RTC also moved overhead utilities underground, eliminating visual clutter and opening up panoramic mountain vistas.

In December of 2017, the RTC marked the completion with a grand opening celebration, having transformed Sparks' busiest intersection into Sparks' best intersection months ahead of schedule. The project represents a \$73-million investment in the community made possible with federal dollars and RTC-5 fuel tax funding.

Planning for the Pyramid/McCarran Intersection Improvement Project began in 2005. The RTC held numerous public meetings and open houses to seek community input about improvements that were needed for the design of a new intersection. That community input resulted in the design and the scope of the intersection improvements that drivers, bicyclists and pedestrians see today.



Connecting Communities. Restoring the Environment. Creating Prosperity.

# SOUTHEAST CONNECTOR



Drivers traveling back and forth from east Sparks to south Reno will soon save travel time by using the nearly completed SouthEast Connector roadway, which will be dedicated as Veterans Parkway when it opens to the public in summer of 2018.

More than 50 years in the making, the SouthEast Connector is a 5.5-mile, six-lane regional roadway with a separated multi-use recreational pathway.

In addition to providing an alternate route to the heavily traveled US 395/I-580 freeway and southeast McCarran Boulevard, Longley Lane and Double R Boulevard, the roadway has a number of community benefits.



Some of those community benefits include:

- Improving connectivity for north/south travel in our region
- Relieving current and future traffic congestion
- Accommodating current and future employment centers and commercial housing developments
- Providing additional options for other modes of transportation in this corridor, including biking and walking along the multi-use path
- Enhancing safety for motorized and non-motorized travel
- Providing for additional emergency access during flood events
- Enhancing environmental resources, including a restored and re-vegetated wetlands area
- Improving water quality within the project area
- Economic benefits, including job creation and increased economic output

To learn more about the project, including our planned grand opening celebration, visit [SouthEastConnector.com](http://SouthEastConnector.com).

Connecting Our Past to Our Future...

# 4TH STREET/ PRATER WAY BUS RAPID TRANSIT PROJECT

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When it is complete, the 4th Street/Prater Way Bus RAPID Transit Project will better connect Downtown Reno to Downtown Sparks and provide access to jobs and educational opportunities. This complete streets project will provide for better mobility for everyone by widening sidewalks, adding bike lanes, adding new landscaping, and moving utilities underground.

The RTC started construction on the 4th Street/Prater Way Bus RAPID Transit Project in January of 2017 and, over the past year, crews have made substantial progress on the project. Completion of construction is anticipated in fall of 2018. The project represents a \$58-million investment in our community.

The final component of the project will be a new 3.1-mile, fully electric, zero-emissions bus RAPID transit line called the LINCOLN LINE that will debut in late 2018. The new line celebrates the famous Lincoln Highway, which is currently 4th Street/Prater Way.

For more information, visit [4thPrater.com](http://4thPrater.com), or text 4PRATER to 797979.





# VIRGINIA STREET BUS RAPID TRANSIT EXTENSION PROJECT

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The Virginia Street Bus RAPID Transit Extension Project is the first of multiple projects stemming from the Virginia Street Corridor Investment Plan. The project will create connectivity between UNR, Downtown Reno, and Midtown and will encourage economic development, enhance safety, and improve livability in the corridor.

The project represents an \$80-million investment in our community and addresses critical transportation needs including improving transit connectivity, efficiency, and timeliness by connecting RAPID to UNR, improving safety for everyone, correcting ADA sidewalk deficiencies, and improving traffic operations.

In 2015-2017, the RTC hosted open houses, planned community working group meetings and created an online survey to gather public input on the proposed design concepts for the project. The Reno City Council approved the community-selected design concepts in September, 2015.

The final project design expected in summer 2018, followed by utility relocation in fall 2018 in anticipation of starting construction in spring 2019. RAPID service on North Virginia Street to UNR is expected to begin in fall 2020.

To learn more, visit [VirginiaStreetRAPIDExtension.com](http://VirginiaStreetRAPIDExtension.com).









# TRAFFIC SIGNAL OPTIMAZATION

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The RTC is keeping our community moving by updating traffic signal timing throughout the region. In 2017, the RTC began studying the timing of 391 regional traffic signals and working with our regional partners to better optimize and synchronize these signals to keep traffic flowing and reduce travel time. The project is a 3-year, \$1-million commitment to improving traffic flow throughout the region. 85 traffic signals were re-timed in 2017.

Although the RTC does not own any traffic signals, we support local jurisdictions in the maintenance and operation of the signals. The RTC is able to receive real-time data from signals and assess how well they are performing. The RTC also works on various projects to upgrade methods of detecting vehicles at intersections, which also helps to optimize timing at signalized intersections.

As part of the re-timing process, RTC engineers used information from the National Cooperative Highway Research Program (NCHRP) to bring the traffic signals up to current standards and improve safety. The re-timing process also allowed engineers to remeasure crosswalks and recalculate pedestrian crossing times.

## LOCATIONS OF UPDATED AND RE-TIMED SIGNALS:

1. Wells Avenue – (Ryland Street to E. 9th Street)
2. Vista Boulevard – (Eastbound I-80 Off/On Ramps to S. Los Altos Parkway)
3. Sparks Boulevard – (Eastbound I-80 Off/On Ramps to Los Altos Parkway)
4. N. McCarran Boulevard/Clear Acre Lane – (Sutro Street to Sullivan/N. McCarran Boulevard to Scottsdale)
5. Pyramid Highway (Disc Drive to Lazy 5)
6. Kietzke Lane/Mill Street – (Peckham Lane to Glendale Avenue/Kietzke Lane to Terminal Way)
7. W. McCarran Boulevard/Mae Anne – (Plumb Lane to W. 7th Street/W. McCarran to Sierra Highlands)
8. S. McCarran/Kietzke Lane/Virginia Street
  - a. On McCarran Boulevard - Greensboro Drive to Mill Street
  - b. On Virginia Street – Kietzke Lane to S. McCarran Boulevard
  - c. On Kietzke Lane – S. Virginia Street to Sierra Rose Drive
  - d. On Longley Lane – Peckham Lane to S. McCarran Boulevard

# SAFETY & MOBILITY IMPROVEMENTS

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Safety is the RTC's top priority. During 2017, the RTC accomplished numerous projects to further our guiding principle of creating a safe and healthy community. Among the safety improvements that took place include:

- 90 new pedestrian ramps
- Approximately 3.9 miles of new sidewalks
- New crosswalk lighting
- 7 new crosswalk warning devices
- 14 new crosswalks
- 22 crosswalks replaced
- 3.9 miles of bike lanes added





# COMMUNITY ENGAGEMENT & OUTREACH

.....

The RTC continued its tradition of excellence in community engagement and public outreach in 2017, conducting 178 public meetings, presentations and events throughout the year. The RTC also participated in 103 media interviews on a range of topics related to public transportation, planning and construction.

Public outreach included 4th Street/Prater Way Project stakeholders meetings, transit outreach SouthEast Connector project tours, community presentations, Safe Routes to School events, Virginia Street RAPID Extension Project meetings, RIDE transit free days, among other activities.

# SPECIAL EVENTS

.....

The RTC provided transportation and support for numerous community events that contribute to the region's quality of life and economic development:

- The Chamber's Alliance 2017
- St. Patrick's Day FREE Safe RIDE
- Earth Day FREE Transit
- Stuff A Bus for Seniors
- Bike Week
- Dump the Pump
- Star Spangled Sparks
- Hot August Nights Parade
- The Best in the West Nugget Rib Cook-Off
- Great Reno Balloon Race
- Senior Fest
- International Walk to School Day
- Election Day Free Transit
- Veterans Day Free Transit
- Food for Fare
- RTC New Year's Eve FREE Safe RIDE

# OUR COMMUNICATION TOOLS

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## Public Events/Meetings

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RTC staff hosted and participated in 178 meetings in 2017.



## Press Releases

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Issued regularly to address important topics as it relates to activity initiated by RTC. The RTC issued 67 press releases and participated in 103 media interviews in 2017.



## Social Media

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Facebook, Twitter, YouTube are regularly used to provide new information to local residents. Reached thousands of people and expanded social media channels to include Instagram in December 2017.



## eNews

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Twelve monthly electronic news letters to community stakeholders to provide information about RTC projects, programs and services.



## Question/Comments

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63 responded to via [rtcwashoe.com](http://rtcwashoe.com)



## Hot Topics

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Subscribers can receive information about specific topics of interest on meetings, agendas, transit updates at [rtcwashoe.com](http://rtcwashoe.com).

# SAFE ROUTES TO SCHOOL

.....

The RTC funds the full-time coordinator of the Safe Routes to Schools Program (SRTS) with the Washoe County School District (WCSD). The overarching goal of SRTS is to reduce the number of vehicles within the vicinity of K-8 schools, and through education and encouragement of students, and parents increase the number of students commuting to and from school by walking or bicycling. Additionally, studies show that active students arrive to school ready to learn and SRTS promotes physical activity and reducing vehicle emissions as well as healthy lifestyles.



# TRAVEL STUDY

.....

The Regional Travel Characteristics Study is a collaborative effort designed to conduct a series of travel surveys in the Reno-Sparks area of Washoe County from 2015 to 2016 to obtain statistically significant, high-quality travel characteristics data for a typical weekday in the Washoe County Metropolitan Planning Area.

The RTC will use the data collected by the travel survey to update, calibrate, and validate the RTC's existing activity-based Travel Demand Model for 2015. The Travel Demand Model is a computer-based, transportation-forecasting tool used to estimate travel behavior and travel demand for a specific future time frame.

The Regional Travel Characteristics Study consists of three distinct surveys dealing with:

- 1) Travel characteristics of households
- 2) Travel characteristics related to transit ridership
- 3) Visitor travel patterns

For details, and to read the full results of the study, visit [rtcwashoe.com/metropolitan-planning](http://rtcwashoe.com/metropolitan-planning).



# PLANNING STUDIES

- **RTC Public Participation Plan** – This plan was updated to reflect current best practices in agency collaboration and public engagement.
- **2018-2022 Regional Transportation Improvement Program** – This 5-year planning document, which programs federal transportation funds for the region, was developed to implement the priorities of the 2040 Regional Transportation Plan.
- **RTC Sustainability Plan** – This plan identifies the existing transportation and operational sustainability measures undertaken by the RTC and establishes goals to continue to reduce fuel consumption, improve air quality, and further minimize the carbon footprint of RTC operational activities.
- **Bike Share Feasibility Study** – RTC updated this study to reflect current technology and operating frameworks for bikeshare. RTC is supporting the local jurisdictions in their implementation of a regional dockless bikeshare pilot program.
- **Washoe County Regional Travel Characteristics Study** – RTC completed the transit, household, and visitor surveys that are being used to update the regional travel demand model.
- **RTC Bicycle & Pedestrian Master Plan** – This plan supports the Regional Transportation Plan (RTP) and addresses the development of bicycle and pedestrian facilities for transportation purposes in the Truckee Meadows. The plan includes a prioritized list of more than 100 miles of bicycle improvements and 330 miles of pedestrian improvements.
- **Transit Asset Management Plan** – RTC is developing this plan to strategically assess the condition of transit capital assets and maintain facilities and equipment in good repair.
- **Bicycle, Pedestrian and Wheelchair Count Annual Report** – RTC completed the fourth full year of the annual count program and published a report that tracks performance targets for alternative mode share and utilization of regional facilities.



# SUSTAINABILITY PLAN

.....

The RTC is committed to improving sustainability across the agency and throughout our community to support our planet for generations to come. Since 2010, the RTC has already reduced our total facility energy use by 25%, reduced the criteria air pollutants per passenger trip by 13.1%, and increased our recycling rate to approximately 33%.

The RTC's commitment to sustainability grew in July 2017 when the RTC Board formally adopted the RTC Sustainability Plan as the guiding document on the future of sustainability for the agency. This ambitious plan established 24 short-term and 11 long-term goals for continuing to improve sustainability over the next six years.





These goals involve all departments in the agency, from finance to facilities, and range from installing solar-powered lights at bus stops to implementing a composting program for RTC employees. In order to ensure the full implementation of the ambitious plan, the RTC formed the RTC Green Team, comprised of members from all agency departments. The team meets monthly to continue to implement agency-wide sustainability practices.

In August 2017 the Sustainability Plan helped the RTC receive a Silver-Level of recognition from the American Public Transportation Association (APTA) and a Golden Pinecone Award from GREENevada for excellence in sustainability. The RTC Sustainability Plan was also recognized in 2017 by the Nevada Chapter of the American Planning Association for an Outstanding Implementation Plan.

# PUBLIC TRANSPORTATION & OPERATIONS

.....  
The RTC is the public transit authority in the metropolitan Reno-Sparks area, offering residents and visitors with a safe and reliable bus service. We are committed to making your trip a pleasant one with our clean, modern bus fleet and our professional and courteous coach operators.



**7.4 Million rides on RTC RIDE**



**1.8 Million rides on RTC RAPID**



**225,195 trips on RTC ACCESS**



**91.1% On-Time Performance**



**68 Buses in RTC RIDE Fleet**



**45 Vans in RTC ACCESS Fleet**



**26 Routes**



**Mobility Center at RTC CENTENNIAL PLAZA**  
Opened April 2017





# RTC SMART TRIPS

RTC's SMART TRIPS is a service provided to the community by the RTC to encourage people to use alternative modes of transportation. The goal of the program is to reduce the number of single-occupant trips, thereby reducing pollution and traffic congestion.

RTC SMART TRIPS works by providing a vanpool service, a matching service for people who carpool, bike or walk, a bus pass-subsidy program and doing community outreach and education. The RTC VANPOOL program has been successful this year, growing from 97 VANPOOLS in 2016 to 117 VANPOOLS in 2017. This is the fastest-growing segment of our SMART TRIPS program, helping to meet the workforce transportation needs in our expanding economy.

Not only does RTC's SMART TRIPS program provide would-be drivers with an alternative way to get where they are going, the program also eliminates the stress and high cost of driving.

Employers in our area who are using the RTC VANPOOL service include Tesla, the Army National Guard, ebay, PPG Industries, Scougal Rubber Corp., Battery Systems and more.

## 220 Commuters



Joined in 2017 for a total of 1,892

## 1,300 People



Per day use SMART TRIPS

## 29 VANPOOLS



Added in 2017 YTD 117

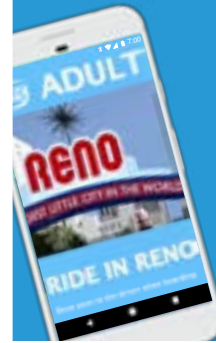
## 12.6 Million Pounds



Amount of CO<sub>2</sub> emissions reduced by SMART TRIPS

# Buy RTC Pass Anytime, Any

RTC Passes On Your Phone



sses  
ywhere

ne  Token Transit™

Text "TOKEN" to 41411  
for a download link



# TOKEN TRANSIT

The RTC's transit system celebrated one year with Token Transit. This paperless pass creates greater efficiency during boarding and saves on printing costs. Buy your next bus pass at [tokentransit.com](http://tokentransit.com)



**41,542**  
Tickets Sold



**\$364,000**  
In sales



**1,572**  
Unique  
Customers



**423,000**  
Estimated  
trips taken



# NEXTBUS

The RTC further enhanced its public transportation system by creating greater awareness of the NextBus app, which provides smart phone users with real-time bus arrival information. The same information may be received through several other methods as well:

- Text the bus stop number to 41411
- Call in the bus stop number to (775) 473-1065
- Go to the [rtcwashoe.com](http://rtcwashoe.com)

Throughout the year the RTC worked to label stops with numbers and educate the public about this service.

# VILLANOVA BUS FACILITIES UPGRADES

.....

Electric and diesel bus maintenance is now faster and easier thanks to a \$15 million renovation at RTC's bus maintenance facility.

The Villanova Facilities Project to upgrade bus maintenance facilities at 2050 Villanova Drive is complete with the addition and renovation of the new maintenance bays, raised bus storage doors, building extensions and new bus storage building. The new maintenance shop now has the capability of lifting 60-foot buses on either lift, improved lighting and will make the repair and maintenance of the buses more efficient.

The bus barn alterations now allow electric buses, which are taller than diesel buses due to roof-top equipment, to fit in every bay and shop without having to worry about overhead clearance issues. Additional work including the area around the diesel fuel pumps, chassis inspection, the landscaping and regrading of the exit, has been completed easing the access to and security of the property.

This project makes the entire facility more efficient and overall enhances the appearance of this property located just outside the main entrance to the Reno-Tahoe International Airport.





# Quality Customer Service to Riders



**74,469**  
Riders assisted  
by phone



**52,355**

Riders assisted in person by  
the Customer Service Staff at  
RTC 4TH STREET STATION

**\$1,372,544**



Pass Vending  
Machines Sales

## THE ROAD AHEAD

.....

The Road Ahead with RTC is an award-winning weekly news segment that airs on KOLO 8 News Now (ABC affiliate). The two-minute segment addresses RTC programs, public transportation, planning and engineering projects and community involvement.

During 2017, there were 52 segments on The Road Ahead with RTC. The segments aired during regularly scheduled news programming: Tuesdays on Good Morning Reno, Wednesdays at 5:30 p.m. and Thursdays at 11:30 a.m.





# PROCESS IMPROVEMENT

.....

The RTC created the Process Improvement Team to identify opportunities to streamline processes, improve efficiency, reduce operating costs, and eliminate waste. Employee suggestions are reviewed by the staff- led PIT Crew. The crew assists staff in implementing their ideas using LEAN process improvement techniques. The following process improvement projects were completed in 2017:

- **RTC's Procurement Process** – Reviewed and clarified responsibilities for various procurement steps, developed new procurement templates for Personal Service Agreements for consultant services, and created contract checklists.
- **RTC Plans and Programs Mapping** – Developed a flowchart identifying the inter-relationships between the various plans and programs within RTC.
- **Employee Performance Evaluations** – Updated the employee performance evaluation form & process.
- **New Employee On-Boarding** – Developed a new employee orientation process and handbook to assist new employees understanding the various functions of RTC by Department.
- **Emergency Evacuation Maps** – Updated evacuation maps with evacuation routes, locations of fire extinguishers, AEDs, and first aid supplies.
- **Administration Standardization** – Ongoing documentation of administrative procedures, core functions, and standardization to reduce redundancy and allow coverage when staff is out of the office.



# CURRENT PERFORMANCE MEASURES

The RTC's aspirational vision is that zero fatalities on our region's roadways is the only acceptable goal and RTC recognizes that reaching that goal will require time and significant effort by all stakeholders. The annual safety performance targets identified in this report represent an important step in working toward the ultimate goal of eliminating traffic-related deaths and serious injuries. The safety performance targets are considered interim-performance levels that make progress toward the long-term goal of zero fatalities. This approach is consistent with guidance from the U.S. Department of Transportation as well as states and metropolitan planning organizations (MPOs) across the nation, including the Nevada Department of Transportation (NDOT).

## Safety

<b>RTP Goal:</b> Improve Safety	<b>Performance Measures:</b> Preventable transit crashes per 100,000 miles of service	<b>Performance Target:</b> 0	<b>2017 Performance Measure Status:</b> RTC RIDE 1.36 per 100,000 miles RTC ACCESS 0.66 per 100,000 miles	<b>2017 Performance Target Status:</b> Working towards goal
<b>RTP Goal:</b> Improve Safety	<b>Performance Measures:</b> Number of fatal crashes (5-year average)	<b>Performance Target:</b> 8% annual reduction from previous year trend line (37 for year 2017)	<b>2017 Performance Measure Status:</b> 37	<b>2017 Performance Target Status:</b> Met 2017 goal and working towards aspirational goal of Zero Fatalities
<b>RTP Goal:</b> Improve Safety	<b>Performance Measures:</b> Number of fatal crashes per 100 million VMT (5-year average)	<b>Performance Target:</b> 1.01 for year 2017 based on fatal crashes target	<b>2017 Performance Measure Status:</b> 1.00	<b>2017 Performance Target Status:</b> Met 2017 goal and working towards aspirational goal of Zero Fatalities
<b>RTP Goal:</b> Improve Safety	<b>Performance Measures:</b> Number of serious injury crashes (5-year average)	<b>Performance Target:</b> Maintain existing decreasing trend (172 for year 2017)	<b>2017 Performance Measure Status:</b> 179 (2016) 2017 Data Pending	<b>2017 Performance Target Status:</b> Data Pending
<b>RTP Goal:</b> Improve Safety	<b>Performance Measures:</b> Number of serious injury crashes per 100 million VMT (5-year average)	<b>Performance Target:</b> 4.80 base on serious injury crashes target based on serious injury crashes target	<b>2017 Performance Measure Status:</b> 5.07 (2016) 2017 Data Pending	<b>2017 Performance Target Status:</b> Data Pending

## Safety

<b>RTP Goal:</b> Improve Safety	<b>Performance Measures:</b> Number of non-motorized fatalities (5-year average)	<b>Performance Target:</b> 8% annual reduction from previous year trend line - (13 for year 2017)	<b>2017 Performance Measure Status:</b> 13	<b>2017 Performance Target Status:</b> Met 2017 goal and working towards aspirational goal of Zero Fatalities
<b>RTP Goal:</b> Improve Safety	<b>Performance Measures:</b> Number of non-motorized serious injuries (5-year average)	<b>Performance Target:</b> Maintain existing decreasing trend (33 in 2017)	<b>2017 Performance Measure Status:</b> 36 (2016) 2017 Data Pending	<b>2017 Performance Target Status:</b> Data Pending
<b>RTP Goal:</b> Improve Safety	<b>Performance Measures:</b> Miles of bicycle lanes added & percent of Bicycle Pedestrian Master Plan completed	<b>Performance Target:</b> 3-7% of plan implemented per year	<b>2017 Performance Measure Status:</b> 3.88 miles of bike lanes added	<b>2017 Performance Target Status:</b> Working towards goal
<b>RTP Goal:</b> Improve Safety	<b>Performance Measures:</b> Miles of sidewalks added of enhanced & percent of ADA Transition Plan completed	<b>Performance Target:</b> 3-7% of plan implemented per year	<b>2017 Performance Measure Status:</b> <ul style="list-style-type: none"> <li>• 3.7 miles of sidewalks added</li> <li>• 22 crosswalks replaced</li> <li>• 14 new crosswalks installed</li> <li>• 7 crosswalk warning devices installed</li> <li>• Crosswalk lighting installed at one location</li> <li>• 90 pedestrian ramps installed</li> </ul>	<b>2017 Performance Target Status:</b> Working towards goal  Construction is underway for more than seven miles of sidewalk/paths for 4th/Prater and SouthEast Connector. Will report in FY 2018.

# CURRENT PERFORMANCE MEASURES

## Infrastructure Condition/ Transit State of Good Repair

<b>RTP Goal:</b> Manage Existing Systems Efficiently	<b>Performance Measures:</b> Pavement condition index for Regional Roads	<b>Performance Target:</b> 80	<b>2017 Performance Measure Status:</b> 83.3	<b>2017 Performance Target Status:</b> Exceeded goal
<b>RTP Goal:</b> Manage Existing Systems Efficiently	<b>Performance Measures:</b> Preventive maintenance of transit rolling stock and facilities	<b>Performance Target:</b> 100% of transit preventive maintenance performed on time	<b>2017 Performance Measure Status:</b> 100% of preventive maintenance performed on time for RTC RIDE and RTC ACCESS	<b>2017 Performance Target Status:</b> Met goal
<b>RTP Goal:</b> Manage Existing Systems Efficiently	<b>Performance Measures:</b> Maintain industry standard vehicle life cycle	<b>Performance Target:</b> Varies per vehicle	<b>2017 Performance Measure Status:</b> Vehicle life cycle: Access paratransit vehicles = seven years RIDE fixed route vehicles = 12 years.	<b>2017 Performance Target Status:</b> Met goal

The U.S. Department of Transportation performance-based planning requirements include monitoring the Level of Travel Time Reliability (LOTTR) and Truck Travel Time Reliability (TTTR).

The Truck Travel Time Reliability (TTTR) ratio is determined by dividing the 95th percentile time by the normal time (50th percentile) for each segment. Then, the TTTR Index is generated by multiplying each segment's largest ratio from defined-time periods by its length, then dividing the sum of all length-weighted segments by the total length of Interstate.

Level of Travel Time Reliability (LOTTR) is defined as the ratio of the longer travel times (80th percentile) of a reporting segment to a "normal" travel time (50th percentile), using data from FHWA's National Performance Management Research Data Set (NPMRDS). Data are collected in 15-minute segments during all time periods between 6 a.m. and 8 p.m. The measures are the percent of person-miles traveled on the relevant National Highway System (NHS) areas that are reliable. Person-miles take into account the users of the NHS. Data to reflect the users can include bus, auto, and truck occupancy levels.

## Congestion Reduction

<b>RTP Goal:</b> Manage Existing Systems Efficiently	<b>Performance Measures:</b> Percentage of person-miles traveled that are reliable on the Interstate System	<b>Performance Target:</b> Targets to be determined	<b>2017 Performance Measure Status:</b> 92.4% of the system has a Level of Travel Time Reliability (LOTTR) less than 1.50	<b>2017 Performance Target Status:</b> Establishing Baseline Data
<b>RTP Goal:</b> Manage Existing Systems Efficiently	<b>Performance Measures:</b> Percentage of person-miles traveled that are reliable on the Non-Interstate National Highway System (NHS)	<b>Performance Target:</b> Targets to be determined	<b>2017 Performance Measure Status:</b> 71.8% of the system has a Level of Travel Time Reliability (LOTTR) less than 1.50	<b>2017 Performance Target Status:</b> Establishing Baseline Data
<b>RTP Goal:</b> Manage Existing Systems Efficiently	<b>Performance Measures:</b> Truck Travel Time Reliability (TTTR) Index	<b>Performance Target:</b> Targets to be determined	<b>2017 Performance Measure Status:</b> TTTR Index = 1.42	<b>2017 Performance Target Status:</b> Establishing Baseline Data
<b>RTP Goal:</b> Manage Existing Systems Efficiently	<b>Performance Measures:</b> Transit passengers per service hour	<b>Performance Target:</b> 30 (ongoing)	<b>2017 Performance Measure Status:</b> 29.4	<b>2017 Performance Target Status:</b> Working towards goal
<b>RTP Goal:</b> Manage Existing Systems Efficiently	<b>Performance Measures:</b> Vehicle Miles Traveled (VMT) per person	<b>Performance Target:</b> Max of 27 VMT per person, per day	<b>2017 Performance Measure Status:</b> 22.96	<b>2017 Performance Target Status:</b> Met goal

# CURRENT PERFORMANCE MEASURES

## Freight Movement & Economic Vitality

<b>RTP Goal:</b> Improve Freight & Goods Movement	<b>Performance Measures:</b> I-80 level of service	<b>Performance Target:</b> LOS D	<b>2017 Performance Measure Status:</b> LOS D	<b>2017 Performance Target Status:</b> Met goal
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## System Reliability

<b>RTP Goal:</b> Manage Existing Systems Efficiently	<b>Performance Measures:</b> Transit on-time performance	<b>Performance Target:</b> 90% transit on-time performance	<b>2017 Performance Measure Status:</b> 91.1%	<b>2017 Performance Target Status:</b> Exceeded goal
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## Environmental Sustainability

<b>RTP Goal:</b> Promote Healthy Communities & Sustainability	<b>Performance Measures:</b> Alternative mode share by corridor	<b>Performance Target:</b> 40% on E 4th Street/Prater Way, 40% on Virginia Street by 2040	<b>2017 Performance Measure Status:</b> 35% alternative mode share on 4th Street/Prater Way 26.2% mode share on Virginia St	<b>2017 Performance Target Status:</b> Working towards goal
<b>RTP Goal:</b> Integrate Land Use & Economic Development	<b>Performance Measures:</b> Alternative mode share in the transit service area	<b>Performance Target:</b> 15% by 2040	<b>2017 Performance Measure Status:</b> 12.21%	<b>2017 Performance Target Status:</b> Working goal

<p><b>RTP Goal:</b> Integrate all types of Transportation</p>	<p><b>Performance Measures:</b> Fleet mix - alternative fueling technologies</p>	<p><b>Performance Target:</b> 100% electric or CNG fleet by 2040</p>	<p><b>2017 Performance Measure Status:</b> The RTC ACCESS fleet mix is 100% CNG The RTC fleet mix breaks down as follows: Diesel - 49 Electric Diesel Hybrid- 16 Electric - 4</p>	<p><b>2017 Performance Target Status:</b> Working towards goal  17 electric buses to begin service in 2018</p>
<p><b>RTP Goal:</b> Integrate all types of Transportation</p>	<p><b>Performance Measures:</b> Auto emissions</p>	<p><b>Performance Target:</b> The current status of the various pollutants in Washoe County is listed below: CO (8-hr): Attainment/Maintenance for Hydrographic Area #87. Attainment/Unclassifiable for the rest of Washoe County M10 (24-hr)*: attainment/maintenance for Hydrographic Area #87. Attainment/Unclassifiable for the rest of Washoe County Regional emissions analyses were performed for each pollutant to document conformity with the CAAA as part of the RTP. The Regional Transportation Commission, in collaboration with the local agencies, has also been implementing programs that reduce motor vehicle emissions in the region.</p>	<p><b>2017 Performance Measure Status:</b> CO: 65,697 lbs. /day in Hydrographic Area #87.  PM10: 4,201lbs. /day in Hydrographic Area #87.</p>	<p><b>2017 Performance Target Status:</b> Met Goal</p>



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**RTC 4TH STREET STATION**

4th and Lake Streets  
Reno, Nevada  
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**RTC CENTENNIAL PLAZA**

Victorian Ave. and 15th Street  
Sparks, Nevada  
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