



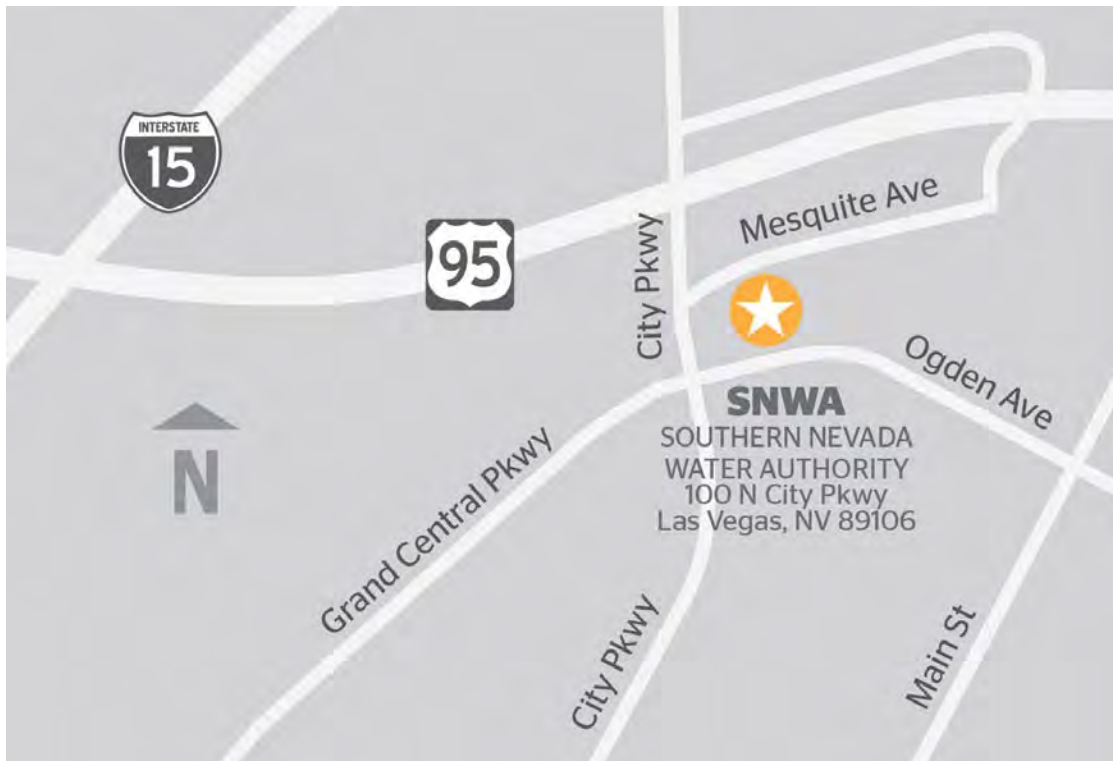
**NOTICE AND AGENDA OF**  
**PUBLIC MEETING**

**TRANSPORTATION RESOURCE  
ADVISORY COMMITTEE AND  
COMMUNITY COLLABORATION**

**2:00 P.M. NOVEMBER 10, 2016**

**Southern Nevada Water Authority  
100 N. City Parkway, Suite 700  
Las Vegas, NV 89106  
(702) 676-1500**

**\*\*\* Note \*\*\*  
Meeting Date and Time Change**



*This agenda with full backup is available at the Regional Transportation Commission Administration Building, 600 S. Grand Central Pkwy, Las Vegas, Nevada; the Regional Transportation Commission's website, <http://www.rtcnv.com>; or by contacting Marin DuBois at (702) 676-1836.*

**THIS MEETING HAS BEEN PROPERLY NOTICED AND POSTED IN THE FOLLOWING LOCATIONS:**

Clark County Government Center  
500 S. Grand Central Pkwy.  
Las Vegas, NV 89155

City of Henderson  
Office of the City Clerk  
240 Water Street  
Henderson, NV 89015

CC Regional Justice Center  
200 Lewis Ave.  
Las Vegas, NV 89155

RTC  
600 S. Grand Central Pkwy.  
Las Vegas, NV 89106

RTC website  
[www.rtcnv.com](http://www.rtcnv.com)

**BY:**

DocuSigned by:  
*Marin DuBois*

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**Item 2 is for possible action. Items 1 and 3 through 12 are discussion items and no action can be taken.** Please be advised that the Transportation Resource Advisory Committee and Community Collaboration has the discretion to take items on the agenda out of order, combine two or more agenda items for consideration, remove an item from the agenda or delay discussion relating to an item on the agenda any time.

1. CONDUCT A COMMENT PERIOD FOR CITIZENS PARTICIPATION
2. APPROVAL OF MINUTES: Meeting of October 6, 2016 (FOR POSSIBLE ACTION)
3. RECEIVE AN OVERVIEW OF THE TRAC AGENDA
4. DISCUSS FUEL REVENUE INDEXING
5. RECEIVE AN UPDATE ON ONLINE TOOL AND GIS-BASED PROJECT MAP
6. RECEIVE AN UPDATE ON MAJOR PROJECTS AND TRANSPORTATION INFRASTRUCTURE
7. RECEIVE AN OVERVIEW OF DISRUPTION AHEAD PRESENTATION
8. RECEIVE A PRESENTATION ON THE VALUE OF TRANSIT
9. DISCUSS TRANSIT FUNDING
10. RECEIVE A PRESENTATION ON UBER
11. DISCUSS THE VALUE OF TRANSIT AND INNOVATIVE TRANSPORTATION SOLUTIONS
12. CONDUCT A COMMENT PERIOD FOR CITIZENS PARTICIPATION

During the initial Citizens Participation, any citizen in the audience may address the Committee on an item featured on the agenda. During the final Citizens Participation, any citizens in the audience may address the Committee on matters within the Committee's jurisdiction, but not necessarily featured on the agenda. No vote can be taken on a matter not listed on the posted agenda; however, the Committee can direct that the matter be placed on a future agenda.

Each citizen must be recognized by the Chair. The citizen is then asked to approach the microphone at the podium, to state his or her name, and to spell the last name for the record. The Chair may limit remarks to three minutes' duration, if such remarks are disruptive to the meeting or not within the Committee's jurisdiction.

The Regional Transportation Commission of Southern Nevada keeps the official record of all proceedings of the meeting. In order to maintain a complete and accurate record, copies of documents used during presentations should be submitted to the Recording Secretary.

The Regional Transportation Commission of Southern Nevada appreciates the time citizens devote to be involved in this important process.

**The Regional Transportation Commission Meeting of Southern Nevada Room and Conference Room are accessible to the disabled. Assistive listening devices are available for the hearing impaired. A sign language interpreter for the deaf will be made available with a forty-eight hour advance request to the Regional Transportation Commission of Southern Nevada offices. Phone: (702) 676-1500 TDD (702) 676-1834**

*Any action taken on these items is advisory to the Regional Transportation Commission.*



# REGIONAL TRANSPORTATION COMMISSION OF SOUTHERN NEVADA



## AGENDA ITEM

Metropolitan Planning Organization <input type="checkbox"/>	Transit <input type="checkbox"/>	Administration and Finance <input checked="" type="checkbox"/>
<b>SUBJECT:</b> CITIZENS PARTICIPATION		
<b>PETITIONER:</b> TINA QUIGLEY, GENERAL MANAGER REGIONAL TRANSPORTATION COMMISSION OF SOUTHERN NEVADA		
<b>RECOMMENDATION BY PETITIONER:</b> THAT THE TRANSPORTATION RESOURCE ADVISORY COMMITTEE AND COMMUNITY COLLABORATION CONDUCT A COMMENT PERIOD FOR CITIZENS PARTICIPATION		
<b>GOAL:</b> ENHANCE PUBLIC AWARENESS AND SUPPORT OF THE REGIONAL TRANSPORTATION SYSTEM		

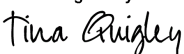
**FISCAL IMPACT:**

None

**BACKGROUND:**

In accordance with State of Nevada Open Meeting Law, the Regional Transportation Commission of Southern Nevada Transportation Resource Advisory Committee and Community Collaboration (Committee) shall invite interested persons to make comments. For the initial Citizens Participation, the public should address items on the current agenda. For the final Citizens Participation, interested persons may make comments on matters within the Committee's jurisdiction, but not necessarily on the current agenda. No action can be taken on any matter discussed under this item, although the Committee can direct that it be placed on a future agenda.

Respectfully submitted,

DocuSigned by:  
  
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 \_\_\_\_\_  
 TINA QUIGLEY  
 General Manager

**TRAC      Item #1**  
**November 10, 2016**  
 Non-Consent



**MINUTES**  
**TRANSPORTATION RESOURCE ADVISORY COMMITTEE**  
**AND COMMUNITY COLLABORATION**  
**REGIONAL TRANSPORTATION COMMISSION OF SOUTHERN NEVADA**  
**OCTOBER 6, 2016**

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*These minutes are prepared in compliance with NRS 241.035. Text is in summarized rather than verbatim format. For complete contents, please refer to meeting recordings on file at the Regional Transportation Commission.*

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**THIS MEETING WAS PROPERLY NOTICED AND POSTED  
IN THE FOLLOWING LOCATIONS ON SEPTEMBER 29, 2016**

Clark County Government Center  
500 S. Grand Central Pkwy.  
Las Vegas, NV 89155

City of Henderson  
Office of the City Clerk  
240 Water Street  
Henderson, NV 89015

CC Regional Justice Center  
200 Lewis Ave.  
Las Vegas, NV 89155

RTC  
600 S. Grand Central Pkwy.  
Las Vegas, NV 89106

RTC Website  
[www.rtcnv.com](http://www.rtcnv.com)

Nevada Public Notice  
<https://notice.nv.gov>

**CALL TO ORDER**

Mr. Don Snyder, Chair, called the meeting to order at 3:07 p.m. in the Colorado River Room of the Southern Nevada Water Authority offices located in the Molasky Corporate Center.

**MEMBERS PRESENT:**

Don Snyder, Chair, Community Advocate  
Mauricia Baca, Outside Las Vegas Foundation  
Yvanna Cancela, Culinary Union 226  
MaryKaye Cashman, Cashman Equipment  
Cindy Creighton, Nevada Taxpayers Association  
James Duddleston, GCW  
Paul Enos, Nevada Trucking Association  
Ken Evans, Urban Chamber of Commerce  
Mike Feldman, Team Las Vegas Cyclery  
Peter Guzman, Latin Chamber of Commerce  
Warren Hardy, Associated Builders and Contractors  
Lynn Hunsinger, Nevadans for the Common Good  
David Jacoby, Las Vegas Metropolitan Police Department  
Alan Jeskey, AJB General Contractor  
Len Jessup, University of Nevada, Las Vegas  
Robert List, Kolesar and Latham  
Jim Long, Sun City Anthem Resident  
Paul Moradkhan, Metro Chamber of Commerce  
Tommy Morley, Laborers Local 872  
Jonas Peterson, Las Vegas Global Economic Alliance  
Jean Peyton, Blindconnect  
Shawna Simmons, Transit Rider  
Judy Stokey, NV Energy  
Danny Thompson, Nevada State AFL-CIO, Acting Chair  
Virginia Valentine, Nevada Resort Association  
Matt Walker, Southern Nevada Homebuilders Association  
Tom Warden, The Howard Hughes Corporation

**MEMBERS ABSENT:**

Fran Almaraz, Nevada Alliance of Retired Americans  
Windom Kimsey, Henderson Development Association  
Keith Lynam, Greater Las Vegas Association of Realtors

Minutes – Transportation Resource Advisory Committee and Community Collaboration  
Meeting of October 6, 2016  
Page 2 of 12

**MEMBERS ABSENT CONTINUED:**

Valarie Segarra, Las Vegas Convention and Visitors Authority  
Mike Saltman, Vista Group  
Alan Schlottmann, University of Nevada, Las Vegas  
Mike Shohet, NAIOP  
Todd Sklamberg, Sunrise Hospital  
Sean Stewart, Nevada Contractors Association

**TECHNICAL ADVISORY COMMITTEE MEMBERS PRESENT:**

Scott Hansen, City of Boulder City  
Travis Anderson, City of Mesquite  
Erin Breen, University of Nevada, Las Vegas  
Joe Yatson, Clark County Public Works

**MEETING FACILITATOR:**

Thom Reilly, The Reilly Group

**RTC STAFF:**

Tina Quigley, General Manager  
M.J. Maynard, Deputy General Manager  
Fred Ohene, Deputy General Manager  
David Swallow, Senior Director of Engineering and Technology  
Angela Castro, Senior Director of Government Affairs and Media Relations  
Raymond Hess, Director of Planning Services  
Mike Hand, Director of Engineering Services  
Marc Traasdahl, Director of Finance  
Tammara Williams, Director of Human Resources and Safety and Security Operations  
Craig Raborn, Manager of Transportation Planning  
Beth Xie, Manager of Transportation Planning  
Sue Christiansen, Manager of Government Affairs and Media Relations and Marketing  
Stephen Gebhard, Manager of Fleet Services  
David Clyde, Government Affairs and Legal Supervisor  
Antonette Braddock, Contracts Supervisor  
Jacob Simmons, Senior Transit Operations Planner  
Marin DuBois, Management Analyst

**CONSULTANT TEAM:**

Guy Hobbs, Hobbs Ong & Associates

**INTERESTED PARTIES:**

Alyssa Rodriguez, City of Henderson  
Brig Lawson, Las Vegas Convention and Visitors Authority  
Anthony Ruiz, Las Vegas Global Economic Alliance  
Sue Baker, Clark County  
Bryan Gant, Wood Rodgers  
Jacob Snow, The JABarrett Company  
Ben Taylor, Jacobs Engineering  
Ingrid Reisman, Las Vegas Monorail Company  
Tom Davy, City of Henderson

**Item:**

1. CONDUCT A COMMENT PERIOD FOR CITIZENS PARTICIPATION

**Comments:**

No comments were made.

**Motion:**

No motion was necessary.

**Vote/Summary:**

No vote was taken.

**Item:**

2. APPROVAL OF MINUTES: Meeting of June 2, 2016 (FOR POSSIBLE ACTION)

**Comments:**

No comments were made.

**Motion:**

Mr. Tommy Morley made a motion to approve the June 2, 2016 meeting minutes.

**Vote/Summary:**

22 Ayes. 0 Nays. The motion carried.

**Item:**

3. RECEIVE A WELCOME FROM THE REGIONAL TRANSPORTATION COMMISSION OF SOUTHERN NEVADA

**Comments:**

**\*\* Mr. Tom Warden arrived at 3:09 p.m.**

Ms. Tina Quigley, General Manager for the Regional Transportation Commission of Southern Nevada (RTC), welcomed the Transportation Resource Advisory Committee and Community Collaboration (TRAC or Committee) back from the break. She thanked the Chair Don Snyder and Mr. Thom Reilly for presenting TRAC's roadway recommendations to each of the jurisdictions. She commented on how progress was made on some of the recommendations and staff would provide an update on those areas.

Next, Ms. Quigley described the upcoming TRAC meetings, noting that the discussions would focus on transit planning, emerging transportation technology and how those will shape conversations in the future.

Ms. Quigley invited Committee members to the *Disruption Ahead – How New Transportation Technologies Will Impact Southern Nevada* summit, featuring insights from Paul Godsmark, a futurist and expert on transportation technology. The event, she said, would be held on October 24, 2016 at 7:00 a.m. at the Innevation Center. She noted that this would be the first in a series of these conversations.

**\*\* Mr. Ken Evans arrived at 3:15 p.m.**

**\*\* Mr. Paul Enos arrived at 3:15 p.m.**

Chair Don Snyder encouraged Committee members to attend and gain a better understanding of some of the dialogue occurring in the transportation industry. He emphasized the importance of hearing from different sides of the issues. Ms. Quigley mentioned that there would be guest speakers at future TRAC meetings to discuss the transit plans in other regions.

Next, Chair Snyder welcomed the Committee back and introduced new members.

**Motion:**

No motion was necessary.



**Vote/Summary:**

No vote was taken.

**Item:**

4. RECEIVE A RECAP ON ROADWAY RECOMMENDATIONS MADE AT THE JULY 14, 2016 MEETING OF THE REGIONAL TRANSPORTATION COMMISSION OF SOUTHERN NEVADA BOARD OF COMMISSIONERS

**Comments:**

Chair Don Snyder recounted the presentation he and Mr. Thom Reilly made to the Regional Transportation Commission of Southern Nevada (RTC) Board of Commissioners (Board). He explained that he and Mr. Reilly presented the Transportation Resource Advisory Committee and Community Collaboration (TRAC or Committee) recommendations to the Board. Chair Snyder explained that he and Mr. Reilly were directed to present the information to the different jurisdictions. They attended various board, council and commission meetings of the jurisdictions.

Thom Reilly related how the jurisdictions appreciated the participation of the Committee, noting it was an important issue to deal with. He said the jurisdictions inquired as to how transportation values and the rankings were determined. Overall, he continued, the jurisdictions were very supportive of the work done by the Committee. He said they were interested in the feedback the Committee will provide regarding transit.

**Motion:**

No motion was necessary.

**Vote/Summary:**

No vote was taken.

**Item:**

5. RECEIVE AN OVERVIEW OF THE TRAC AGENDA

**Comments:**

Mr. Thom Reilly reviewed the Transportation Resource Advisory Committee and Community Collaboration (TRAC) transit goals, which included: 1) Learn about the Regional Transportation Commission of Southern Nevada (RTC) transit system, as well as transit systems of other western regions; 2) Explore new transportation technologies being used in other communities as well as emerging transportation technologies on the horizon; and 3) Provide community feedback and input on the future of transit in Southern Nevada. He then explained that TRAC would receive a legislative update. He announced that Mr. Bruce Woodbury and Mr. Jacob Snow would present on the evolution of transit in Southern Nevada. After, he continued, Ms. Tina Quigley, General Manager for the RTC, would discuss emerging technologies. Finally, he said, Mr. Raymond Hess, Director of Planning for the RTC, would discuss High Capacity Transit Plan.

**Motion:**

No motion was necessary.

**Vote/Summary:**

No vote was taken.

**Item:**

6. RECEIVE A LEGISLATIVE INITIATIVES UPDATE (FOR POSSIBLE ACTION)

**Comments:**

Helen Foley, Faiss Foley Warren, explained that the Nevada Legislature has statutory committees that are ongoing, interim committees that examine different issues when the Legislature is not in session. She noted that there is not a committee on transportation. In response to Nevada's needs, she continued,

Nevada State Senator Mark Hammond is working on developing this interim transportation committee that would be able to convene during the year to discuss transportation infrastructure. This interim transportation committee would be ideal to propose legislation for a roadway user fee for plug-in electric vehicles.

*\*\* Ms. Virginia Valentine arrived at 3:25 p.m.*

Ms. MaryKaye Cashman interjected that the state could tax electric vehicles at quick charge stations if they were installed. Ms. Foley suggested that this was an ideal topic for the proposed interim transportation committee.

Chair Don Snyder recalled discussing the \$100.00 electric vehicle fee at a previous Transportation Resource Advisory Committee (Committee or TRAC) meeting. He asked for a reminder as to how a proposed electric vehicle fee compared to the Fuel Revenue Indexing (FRI). Mr. Marc Traasdahl, Director of Finance for the Regional Transportation Commission of Southern Nevada (RTC), responded that the average driver would contribute approximately \$340.00 per year through FRI. Chair Snyder commented that \$100.00 was a reasonable amount to charge drivers of all electric vehicles.

Moving on, Ms. Foley asked the Committee members to engage in the upcoming 2017 session of the Nevada Legislature through testifying and support of these transportation issues. She then introduced Nevada State Senator Mark Manendo.

Senator Manendo thanked the Committee members for their commitment to transportation, explaining his and Senator Hammond's commitment to transportation. He noted that he worked alongside Senator Hammond to move transportation forward in Nevada. He expressed that he and Senator Hammond were committed to further advance the transportation conversation in the 2017 Nevada Legislature, should both be re-elected. He asked for the Committee members to help with that and to explore all possibilities for transportation. He emphasized that the assistance and support of the Committee was imperative to accomplishing this, inviting the Committee members to visit Carson City during the legislative session.

Chair Don Snyder wondered if there was a possibility for electric vehicles use the High Occupancy Vehicle (HOV) lanes, noting this was allowed in some states. Ms. Quigley remarked that this would be a great topic for the proposed Interim Transportation Committee to discuss.

*\*\* Mr. Peter Guzman stepped away at 3:38 p.m.*

**Motion:**

No motion was necessary.

**Vote/Summary:**

No vote was taken.

**Item:**

7. RECEIVE A PRESENTATION ON THE EVOLUTION OF TRANSIT

**Comments:**

Following a detailed PowerPoint presentation [attached], Mr. Bruce Woodbury, former Chair of the Regional Transportation Commission of Southern Nevada (RTC) Board of Commissioners (Board) and current member of the Las Vegas Monorail Board of Directors, provided a brief history of the public transit in Las Vegas.

To begin, Mr. Woodbury stated that the RTC was created in 1965 by the Nevada State Legislature, noting

it operated as the Regional Streets and Highways Commission with funding from a one-cent gas tax. Then in 1981, he explained, the RTC was designated as Southern Nevada's Metropolitan Planning Organization (MPO), which is a congressional designation for the agency responsible for receiving and distributing federal transportation funding for both roadways and transit. He noted that at this same time, Las Vegas Transit was running the public transit system. He presented a commercial used by Las Vegas Transit.

[Video plays]

Mr. Woodbury said it was a limited system, but at the time was a pretty good system. Chair Don Snyder asked if it was for profit. Mr. Woodbury replied affirmatively.

Then, Mr. Woodbury described the Las Vegas Transit route system. He explained that the routes were on a loop system with a central hub, noting that all roads led to Downtown Las Vegas. He said that riders were routed through Downtown Las Vegas before going anywhere else in the Las Vegas Valley. This was inefficient for riders. He shared the example that if a rider was at Rainbow Boulevard and Flamingo Road, wanting to go to the Craig Road area, the rider would have to go to the Downtown Transportation Center and get a transfer onto the Craig Road route.

In 1983, Mr. Woodbury explained, the RTC was authorized by the Nevada State Legislature to run public transit. In 1984, a transit funding measure for a quarter cent sales tax was put to a vote of the people, but it ultimately did not pass.

In 1985, Mr. Woodbury was appointed to the RTC Board, where he recognized a lack of adequate funding for roadways and transit. He said the Board developed a property tax bond issue in 1986 that focused on roads, raising \$88 million.

Mr. Woodbury recalled that in 1989 he announced an initiative to take a four-step process. He said it began by developing a master transportation plan with Clark County that would include streets and arterials as well as a mass transit element. The second part was to have members of the community involved through a committee. He explained that the committee would be responsible for developing a funding plan. The funding plan included six elements or funding sources, which included motor vehicle fuel tax, room tax, development tax, government services tax, aviation fuel tax and sales tax earmarked for transit. This went to the voters in 1990 as Question 10, where it passed with 64 percent approval. Subsequently, he recounted, the Nevada Legislature passed it in 1991.

Mr. Woodbury highlighted the transition of transit from private to public and the start of the Citizens Area Transit in 1992. He said the public transit system has always been operated by private contractors, beginning with ATC Vancom in 1992. The private contractors have consistently used union drivers and mechanics.

To demonstrate how much has changed over time, Mr. Woodbury presented the difference in the transit guide. He noted that in 1993, the transit guide was a 75-page pamphlet. Today, the transit guide is 234 pages and included route and schedule information, frequently asked questions, rules and information on the RTC website. He reminded the Committee that the RTC would be launching the RideRTC mobile app soon.

Next, Mr. Woodbury detailed the Americans with Disabilities (ADA) Paratransit Service. He said it began on December 5, 1994. He detailed that it is required by ADA to service customers who are

functionally unable to use fixed route transit. The service must run  $\frac{3}{4}$  of a mile outside the fixed route service area. He noted that the Committee would hear more about it at a later meeting. He wanted to point out that while the vehicles and equipment receive federal funding, operations comes from the RTC's budget. He emphasized that while it costs the RTC \$36 per ride, it is a worthy service for those who need it.

Mr. Woodbury then detailed the increase in frequency from 1994 to today. He said it has increased to 87 percent. He commented on the tremendous growth in ridership.

Next, Mr. Woodbury highlighted the expansion of RTC operations with the opening of the RTC's first bus yard, the Integrated Bus Maintenance Facility (IBMF), in 1997. He noted that it was 80 percent federally funded. Then in 1999, the RTC Administration building opened.

Additionally, Mr. Woodbury explained, with the growth of the transit system, the RTC needed to hire a general manager who would be able to develop relationships and partnerships in the business community. Mr. Jacob Snow was hired in 1999 to manage the RTC.

*\*\* Mr. Peter Guzman returned at 3:56 p.m.*

In 2000, the Las Vegas Monorail (Monorail) was developed. Mr. Woodbury discussed the obstacles in the initial phase of the Monorail, noting that over time and after going through Chapter 11 Bankruptcy, the Monorail was able to reorganize its debt. In the end, he said the Monorail moves large numbers of people, reducing the amount of people that might be in vehicles on the roadways. He said that the Monorail is operating with a profit now. Furthermore, he explained that Clark County and the RTC were discussing an extension to the system to Mandalay Bay and adding a station at the Sands Expo center. This would connect all of the major convention facilities.

Mr. Paul Enos asked what the ridership numbers are during peak conventions. Mr. Woodbury said it amounts to over a hundred thousand riders. Last year, the Monorail saw 5 million riders.

*\*\* Mr. Ken Evans stepped away at 4:00 p.m.*

*\*\* Ms. Virginia Valentine left at 4:00 p.m.*

Chair Snyder introduced Mr. Snow to continue the presentation. Mr. Snow explained that when he joined the RTC, it was not doing well financially. There was major growth in the Las Vegas Valley and outpaced the RTC. He briefly reviewed the funding sources as mentioned before. He said the RTC put together a community coalition, similar to TRAC, to help move beyond where it was.

As a result of Question 10, Mr. Snow continued, the RTC took over the operations of the Freeway and Arterial System of Transportation (FAST). This was the beginning of the first real regional traffic signal coordination.

*\*\* Mr. Ken Evans returned at 4:05 p.m.*

Mr. Snow indicated that every transit system faces two pressures: being a social service and handling special requests. He explained that the transit system has to have structure and follow protocols to be fair and efficient. These two pressures can be contradictory and difficult to manage.

*\*\* Mr. Peter Guzman stepped away at 4:07 p.m.*

Mr. Snow described some of the major strides the RTC made in service and locations. He detailed the first Park and Ride located at the South Strip Transfer Terminal, which opened in 2003. On June 30, 2004, the RTC announced the opening of the Metropolitan Area Bus Rapid Transit System (MAX), the first bus rapid transit (BRT) line in Southern Nevada. Later, the RTC introduced the double-decker buses which allowed the expansion of transit services.

*\*\* Mr. Tommy Morley returned at 4:09 p.m.*

Then Mr. Snow discussed the expansion of maintenance facilities with the opening of the Sunset Maintenance Facility in 2009. The RTC also introduced the streetcar, which was referred to as the Ace Gold Line. This vehicle was ideal since the RTC did not have the means to fund light rail. He compared it to light rail as a train on tired.

Mr. Enos asked what the return on investment was for the different vehicles compared to light rail. Mr. Snow said it costs two to three times as much to put in light rail, but the return on the investment was determined by where it would go. Mr. Enos asked if the buses are replaced more frequently than a rail car. Mr. Snow said the buses are replaced approximately every 12 years, whereas there are other costs associated with rail maintenance, including straightening wheels, etc. He said those aspects make the rail line more expensive than the BRT. He added that the BRT was the RTC's opportunity to prove the market if an additional investment would be warranted.

*\*\* Mr. Peter Guzman returned at 4:43 p.m.*

Mr. Snow then detailed the introduction of express routes and BRT routes. He explained that people want to get places fast, with as few stops as possible. Additionally, the RTC opened three transit centers in 2010, two of which have Park and Ride locations. He said the Bonneville Transit Center replaced the old Downtown Transit Center.

Mr. Snow left the RTC and Ms. Tina Quigley was chosen as the general manager of the RTC in 2012.

Next, Mr. Snow compared Southern Nevada and the RTC to the transit system in Salt Lake City, Utah. He said that during the same time, Salt Lake City was able to put in commuter rail which encouraged economic development and increased property values.

Ms. MaryKaye Cashman asked what the population of Salt Lake City is. Mr. Snow responded that the service area is just over two million people. He remarked that Salt Lake City was effective at getting federal funds to cover much of the costs for its transit. He said Salt Lake City's ridership is lower than the RTC's.

Mr. Warren Hardy asked what impact Salt Lake City hosting an Olympics had on receiving federal funds. Mr. Snow said that Salt Lake City would not have gotten started without that added factor, noting it paid 80 percent of the costs.

Ms. Yvanna Cancela asked what percentage of the RTC's \$61 million is local funds. Mr. Snow replied that 80 percent is local. He said that the RTC does not have debt for its transit, only roadways.

*\*\* Ms. Yvanna Cancela stepped away at 4:21 p.m.*

Mr. Snow then discussed the BRT versus light rail and whether the BRT was successful for determining

the potential for light rail. He said based on ridership compared to that of Salt Lake City, Southern Nevada has proved that light rail could be a success. He closed by saying that there is a demand for mobility and high-quality transit.

***Motion:***

No motion was necessary.

***Vote/Summary:***

No vote was taken.

***Item:***

8. RECEIVE A PRESENTATION ON TECHNOLOGY

***Comments:***

Following a detailed PowerPoint presentation [attached], Ms. Tina Quigley, General Manager for the Regional Transportation Commission of Southern Nevada (RTC), remarked on technology in transportation. She said that there are two million residents in Southern Nevada and by 2025, Clark County is projected to have approximately 2.7 million residents. Furthermore, she continued, Southern Nevada hosts more than 42 million visitors each year, with that number expected to grow to 53.1 million visitors by 2025. This growth will have a great impact to the safety, congestion and capacity of transportation in Southern Nevada. Ms. Quigley highlighted that solutions to these issues are being developed throughout the world. She then presented a video from Sweden on this topic, which focused on autonomous and connected vehicles and the impact they could have on transportation and communities.

[Video plays]

Ms. Quigley emphasized that while the ideas for autonomous vehicles and transportation mentioned in the video may be decades away, these ideas are a starting point. She added that the Transportation Resource Advisory Committee and Community Collaboration (TRAC or Committee) had a vital role in suggesting policies Southern Nevada should be considering. She remarked that there are four solutions to combat these issues, which include autonomous vehicles, intelligent infrastructure, connected vehicles and shared mobility. She highlighted that these technologies are currently being developed.

Finally, Ms. Quigley reminded the Committee about the Disruption Ahead summit mentioned earlier in the meeting.

Ms. Mauricia Baca found the video to be interesting. She noticed that there were no bicycles in the video. She wondered how the technology would take bicyclists and pedestrians into account. Chair Don Snyder agreed with that point.

***Motion:***

No motion was necessary.

***Vote/Summary:***

No vote was taken.

***Item:***

9. RECEIVE AN OVERVIEW OF THE HIGH CAPACITY TRANSIT STUDY (FOR POSSIBLE ACTION)

***Comments:***

Following a detailed PowerPoint presentation [attached], Mr. Raymond Hess, Director of Planning for the Regional Transportation Commission of Southern Nevada (RTC), provided an overview of the High Capacity Transit Plan. He referenced a one-page handout that gave a description of the plan scope. Mr. Hess was in search of feedback from the Transportation Resource Advisory Committee and Community

Collaboration (TRAC or Committee). He explained that there has been an evolution of transit over time, but the last system-wide review of the transit system was in 2002. He noted that many aspects of that plan had been implemented, including areas such as park and rides, express routes, etc. He said it was an opportunity to reassess the high capacity transit future needs of the system.

*\*\* Mr. Tommy Morley left at 4:38 p.m.*

*\*\* Ms. Lynn Hunsinger stepped away at 4:39 p.m.*

Mr. Hess posed three requests to the Committee: 1) Additions or removal of areas to the scope; 2) Committee members interested in participating on a steering committee for the High Capacity Transit Plan; and 3) Approval of the scope in order to move the High Capacity Transit Plan forward. He explained that staff would incorporate the Committee's feedback into the scope and move forward with procuring the consultant to assist with the study.

Next, Mr. Hess reviewed the various elements of the scope of the High Capacity Transit Plan. The first area was coordination. He said a high profile study such as this requires a large amount of coordination. This would ensure regular communication with stakeholders and the consultant, keeping all involved on the same page, on task and on budget. Additionally, he continued, a major component would be public outreach. There was an expectation to set a new standard for public outreach and to have thorough analysis and alternatives.

The next area, Mr. Hess stated, was transit needs. He said this would be accomplished through peer reviews. He mentioned a comparison with Orlando, Florida due to the similarity in tourism.

Another area, Mr. Hess continued, would be transit supportive land uses. This would look at where transit could be run throughout the Las Vegas Valley and the adjacent land use and how they could positively impact one another. He said this focus was based on Phoenix, Arizona and how transit was not viewed in isolation. He emphasized that transit and land use planning need to be incorporated from the beginning.

*\*\* Mr. Paul Enos left at 4:44 p.m.*

*\*\* Ms. Yvanna Cancela returned at 4:44 p.m.*

Mr. Hess said the next area was transit travel demand. He said there are a lot of different models for this, but it would look at what travel patterns could support. The next area, he said, was corridor screening, which would examine operating routes and should corridors be elevated to light rail. There was also corridor modeling, which would help determine what would attract the most riders. He elaborated by saying that the modeling would evaluate what it would take to have people choose transit over their personal vehicles.

Next on the list was the High Capacity Transit Scenario Evaluation, Mr. Hess explained. He said this would help determine what drives ridership and what the densities are. This would look at existing revenue streams, determining ridership and investment scenarios. Finally, Mr. Hess said, was a cost analysis. This would outline what it would cost for each scenario.

Chair Don Snyder suggested adding emerging technologies to the High Capacity Transit Plan scope as it needs to be factored in the planning process. He then asked how long the study would take to develop the High Capacity Transit Plan. Mr. Hess replied it would take up to 18 months.

Mr. Danny Thompson nominated Mr. Ken Evans to participate on the steering committee. Mr. Evans accepted that nomination and expressed his excitement for the study.

Ms. Cindy Creighton nominated Mr. James Duddleston to participate on the steering committee. Mr. Duddleston accepted the nomination. Mr. Duddleston suggested that possible funding sources should be identified through the study as part of the scope.

*\*\* Ms. Jean Peyton left at 4:51 p.m.*

Mr. Tom Warden suggested that Mr. Paul Enos participate on the steering committee. He also noted that it would be important to preserve flexibility.

Ms. Judy Stokey commented that technology needed to be a part of the conversation as it will be changing the landscape of funding as it impacts fuel tax revenues.

Ms. Mauricia Baca commented that in terms of modeling corridors, it was important to look at new business development and land use planning. She suggested looking at development districts.

Ms. Shawna Simmons volunteered to participate on the steering committee, commenting how millennials are the new workforce and want to abandon vehicles. She noted that they are searching for more transit options.

Mr. Hess remarked that he noted the comments and would incorporate them accordingly. Chair Snyder asked if the item should be acted on now or brought back to the Committee. Ms. Angela Castro, Senior Director of Government Affairs and Media Relations for the RTC, said the item would go to the November 10, 2016 RTC Board of Commissioners if the Committee was comfortable with the scope, or it could be held for another meeting. Mr. Warren Hardy suggested the item be moved forward.

Mr. Mike Feldman asked how much the study would cost and commented on the Bus Rapid Transit (BRT) modeling versus rail. Mr. Hess responded that it would cost approximately \$1.8 million. Then Mr. Hess addressed the BRT comments. He said the RTC had enjoyed success with the BRT. He hoped the study would identify which enhanced transit would be the choice option. He said one major influencer is the scalability of BRT versus rail. Each has its benefits and drawbacks.

***Motion:***

Mr. Warren Hardy made a motion to approve the scope with the suggested additions.

***Vote/Summary:***

20 Ayes. 0 Nays. The motion carried.

***Item:***

10. DISCUSS NEXT STEPS FOR TRAC

***Comments:***

Chair Snyder commented that Regional Transportation Commission of Southern Nevada (RTC) staff would provide more in-depth information about transit issues.

***Motion:***

No motion was necessary.

***Vote/Summary:***

No vote was taken.



**Item:**

11. CONDUCT AN OPEN DISCUSSION ON THE EVOLUTION OF TRANSIT AND EMERGING TECHNOLOGIES

**Comments:**

Mr. Warren Hardy commented on ballot Question 5, encouraging Transportation Resource Advisory Committee and Community Collaboration (TRAC or Committee) members to vote accordingly and share the message with those they are in contact with.

**Motion:**

No motion was necessary.

**Vote/Summary:**

No vote was taken.

**Item:**

12. CONDUCT A COMMENT PERIOD FOR CITIZENS PARTICIPATION

**Comments:**

No comments were made.

**Motion:**

No motion was necessary.

**Vote/Summary:**

No vote was taken.

## ADJOURNMENT

The meeting adjourned at 5:02 p.m.

Respectfully submitted,

DocuSigned by:

Marin DuBois

67F25985C7F8458...

Marin DuBois, Recording Secretary



TRANSPORTATION  
RESOURCE ADVISORY  
COMMITTEE & COMMUNITY  
COLLABORATION

October 6, 2016



Item #1

CITIZENS PARTICIPATION



## Item #2

APPROVAL OF MINUTES



## Item #3

WELCOME



## Item #4

### TRAC ROADWAY RECOMMENDATIONS UPDATE



## Item #4

### **Completed Jurisdiction Presentations**

- Boulder City – August 9
- Henderson – August 16
- Mesquite – August 23
- Clark County – September 20
- Las Vegas – September 21
- North Las Vegas – September 21
- RTC EAC – September 29
- RTC Board for final approval – October 13



## Item #5

### TRAC AGENDA REVIEW



## Committee Goals

- Learn about the RTC transit system, as well as transit systems of other western regions.
- Explore new transportation technologies being used in other communities as well as emerging transportation technologies on the horizon.
- Provide community feedback and input on the future of transit in Southern Nevada.





## Item #6

### LEGISLATIVE INITIATIVES UPDATE



## Bills to Create

Permanent Study Committee  
on Transportation

Roadway User Fee for  
“Plug-in” electric vehicles



## TRAC Involvement

Representation at legislative hearings

Contact with lawmakers

*Transportation Day at legislature*

Stay informed, stay involved



## Item #7

EVOLUTION OF TRANSIT  
1965-2012



## Evolution of Transit



## 1965 RTC Created





**TRAC** 1981 RTC Becomes an MPO

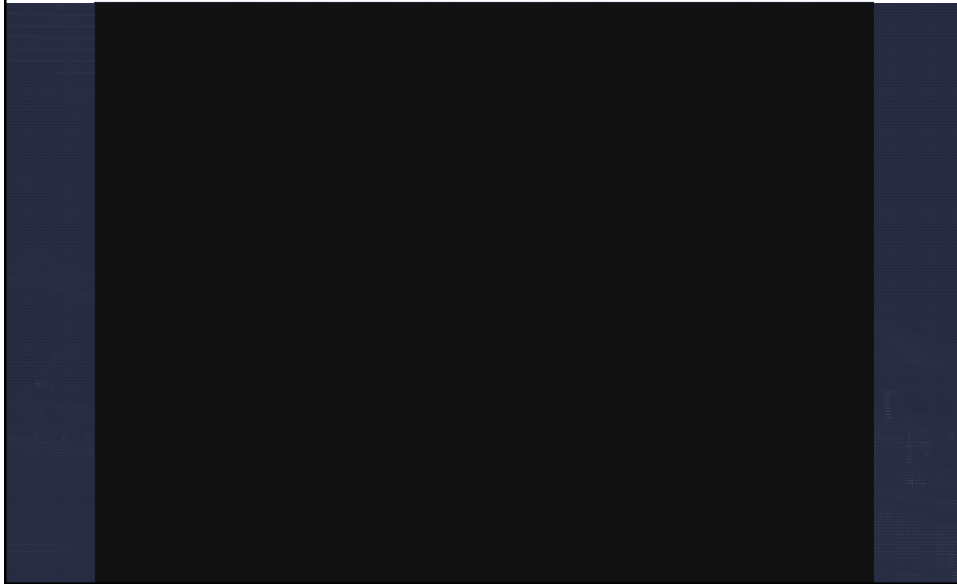


**TRAC** 1981 Las Vegas Transit

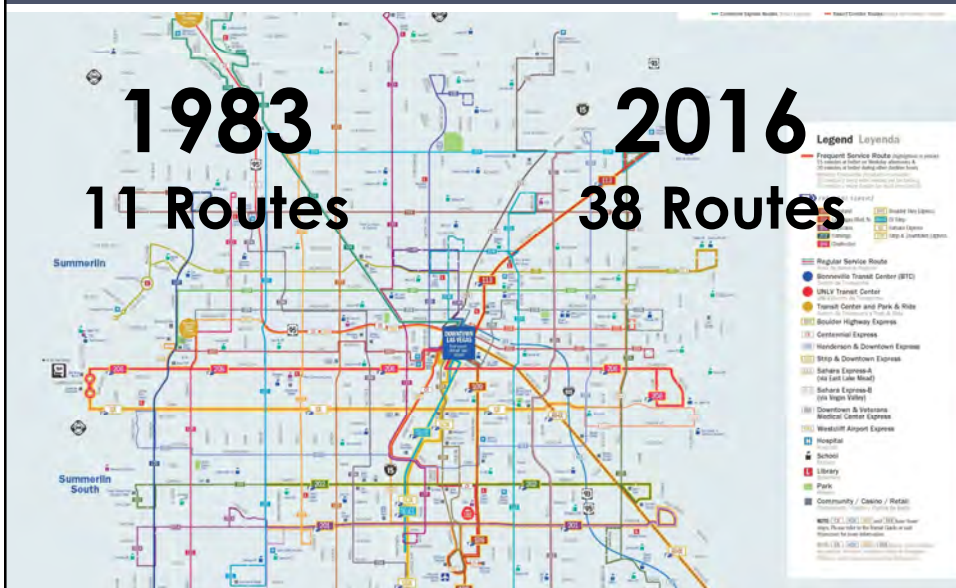




## 1981 Las Vegas Transit



## Las Vegas Transit Growth



TRAC

1983-1984

Vote Here

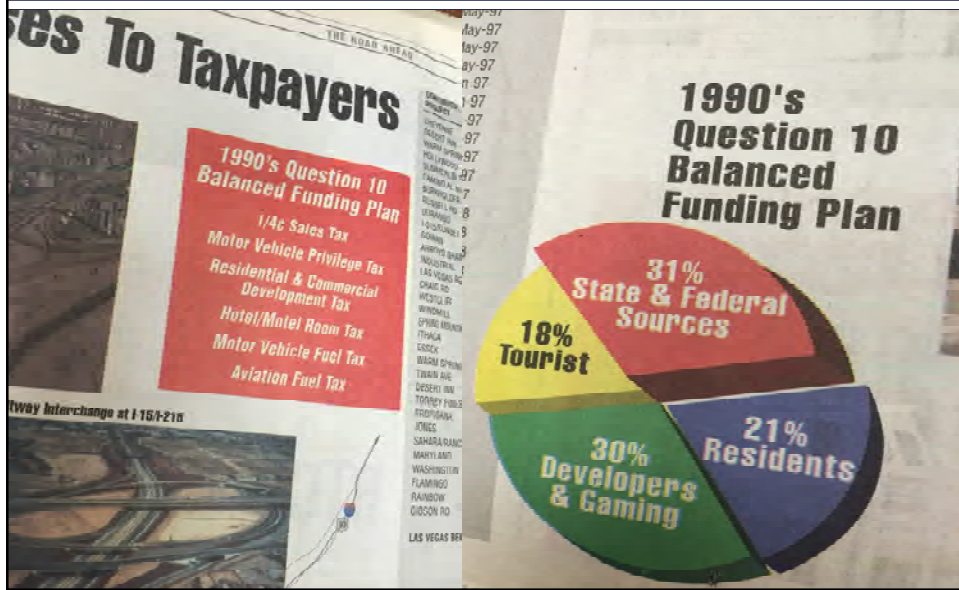


TRAC

1985 Member of RTC Board



**TRAC** 1990-1991 Question 10



## TRAC 1992







## 1992 CAT Launches



## Transit Guide Then and Now

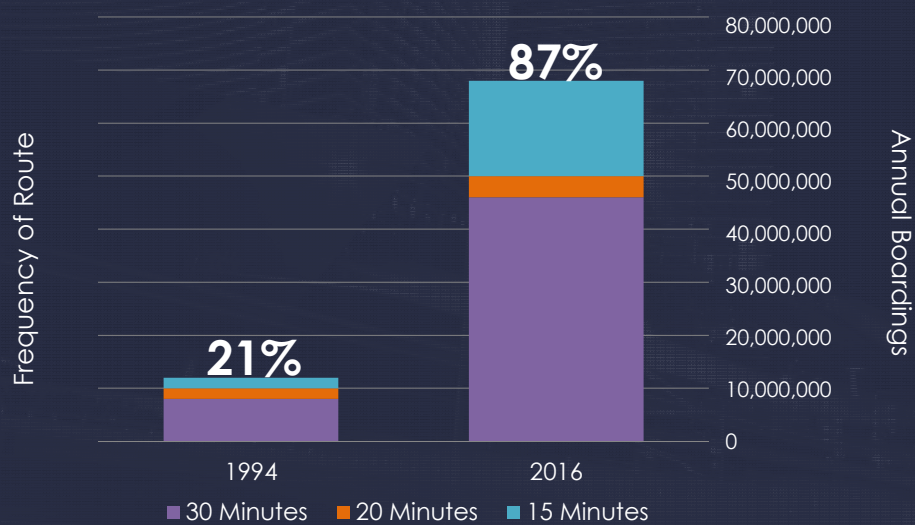




## 1994 ADA Paratransit Service

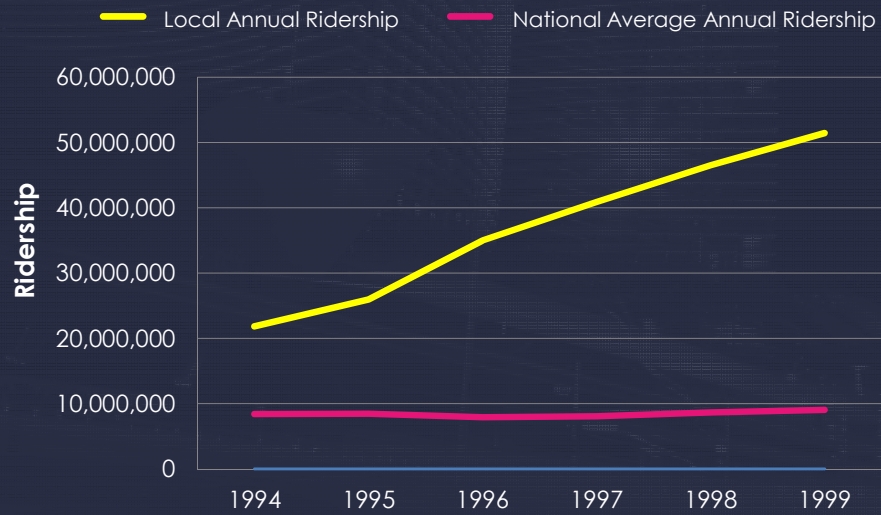


## 1994 Route Frequency





## 1992-1999 Growth



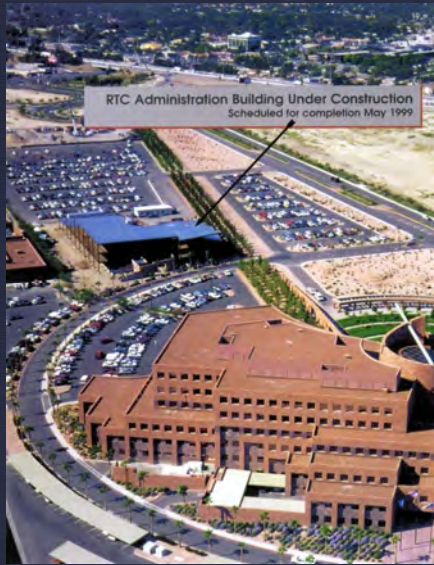
## 1997 IBMF Opens





TRAC

## 1999 Administration Building



TRAC

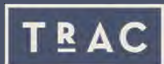
## 1999







## 2000 Private Monorail Service



## 2002 Question 10

### **Funding Sources**

- **New Construction**
- **Commercial Development Fees**
- **Jet Aviation Fuel Tax**
- **Retail Sales Tax**
- **Capital Projects Tax**
- **Share of State and Federal Transportation Funds**

TRAC

2002 FAST



TRAC

2003 South Strip Transfer Terminal







## 2004 MAX Launch



## 2005 Deuce Launch





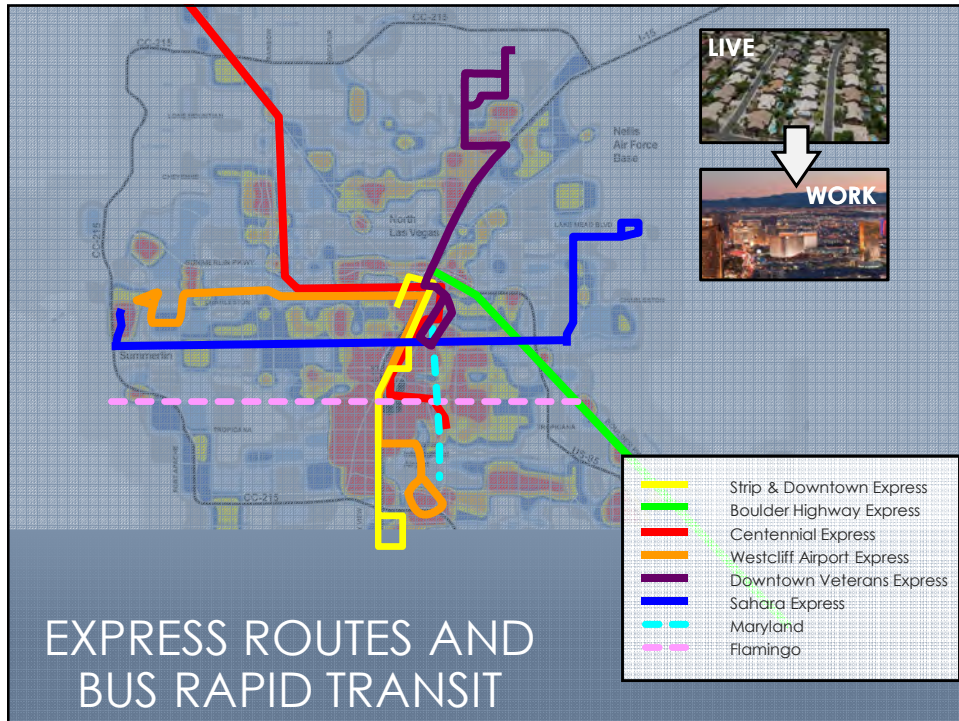
## 2009 Sunset Maintenance Facility



## 2010 Streetcar Launch









## 2012 New General Manager



## Evolution of Transit

COMMUNITY COMPARISON





UTA vs. RTC

## What Does Salt Lake City Have?



Commuter Rail





## Light Rail (3 Lines)



## Urban Streetcar







570 Coaches



What did SLC spend?

**\$4.5 Billion**





## What did SLC get?

**UTA Ridership** vs. **RTC Ridership**  
44,281,254 61,704,309

Source: National Transit Database



## UTA vs RTC

<b>UTA Total Local Taxpayer Funds Expended Annually</b> \$203,892,342	<b>vs.</b>	<b>RTC Total Local Taxpayer Funds Expended Annually</b> \$110,970,527
<b>UTA Current Transit Debt</b> \$2.26 Billion		<b>RTC Current Transit Debt</b> \$0.00
<b>LRT Riders per Hour</b> 35.02		<b>BRT Riders per Hour</b> 75.6
<b>Bus Riders per Hour</b> 21.2		<b>Bus Riders per Hour</b> 45.06

Source: National Transit Database



QUESTIONS?



Item #8

TECHNOLOGY 101

# Transportation & Technology



## Southern Nevada's Challenge

Today  
**2.1 Million+**  
Residents in  
Southern Nevada

**26%**  
INCREASE  
BY 2025

## Southern Nevada's Challenge

**26%**  
INCREASE  
BY 2025

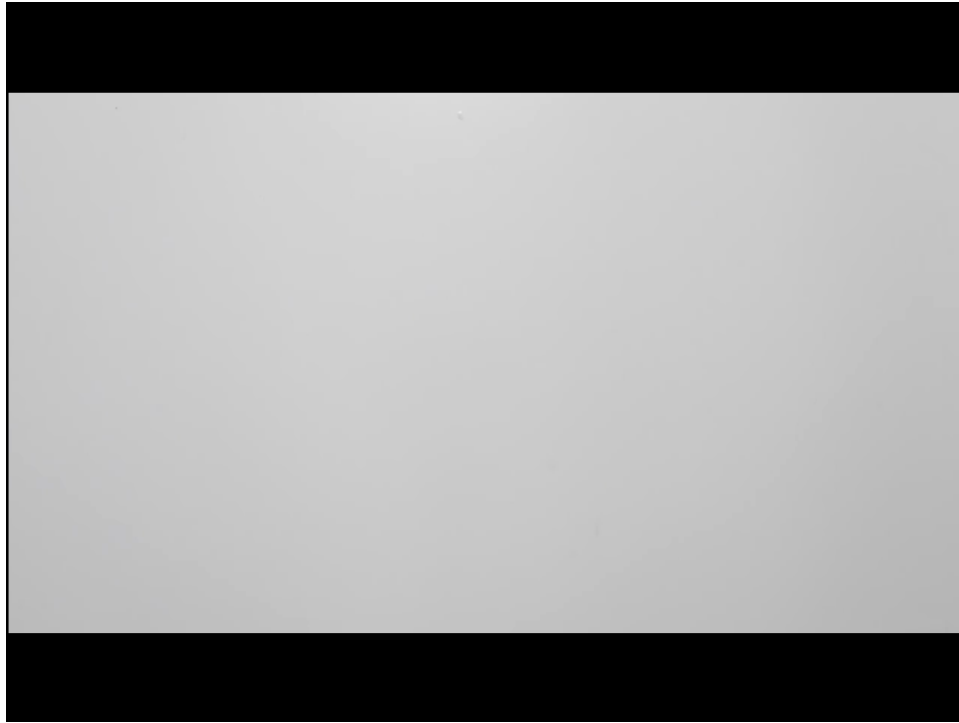


## Southern Nevada's Challenge

SAFETY  
CONGESTION  
CAPACITY







# SOLUTIONS

"Autonomous or connected vehicles have the potential to change the transportation network; may lead to significant reductions in fatal crashes, provide critical mobility, enhance effective road capacity, and reduce congestion and fuel consumption."

-The Eno Center for Transportation

/ SAVE THE DATE /

## DISRUPTION AHEAD!

How New Transportation Technologies Will Impact Southern Nevada

**Monday, October 24, 2016**  
7 - 10:30 a.m.  
Innovation Center  
6795 S. Edmond St.  
Las Vegas, NV 89118

RSVP by 5 p.m. on  
Thursday, October 13, 2016  
to Kelly Backman  
backman@rtcnev.com  
or 702.676.1566

It seems that every week there is a new headline announcing the arrival of connected vehicles, car sharing apps, driverless taxis, autonomous trucks and other transportation technologies. But what is real? And what is hype? What can we expect in the next 5 to 10 years? As community leaders, what policies, urban design, and infrastructure changes should we be prepared to address?

Join us as Paul Godsmark, a futurist and expert on transportation technology, shares his insights on the current state of these disruptive innovations throughout the world and how they will affect our communities.

**Preview Paul in action:**

Driverless: The Future of Cars and Transportation

Paul Godsmark: Automated Vehicles

In Partnership with Nevada Center for Advanced Mobility

NevadaCAM.org

f t @ RTCNV.COM

RTC





Item #9

## DRAFT HIGH CAPACITY TRANSIT PLAN OVERVIEW



Draft High Capacity Transit Plan

### Draft Scope

- Coordination
- Public Outreach
- Transit Needs, Opportunities and Goals
- Peer City Review
- Transit Supportive Land Use
- Land Use Scenario Evaluation



## Draft Scope (continued)

- Transit Travel Demand
- Corridor Screening
- Corridor Modeling
- High Capacity Transit Scenario Evaluation
- Cost Analysis



**COMPACT WALKABLE**  
15-30 persons/acre



**TRANSIT SERVED**  
30-45 persons/acre



**HCT ORIENTED**  
45+ persons/acre

## TRAC NEXT STEPS



## Item #10

Upcoming meetings:

November 10, 2PM – 5PM

December 1, 2PM – 5PM

January 5, 3PM – 5PM



## Item #11

OPEN DISCUSSION



Item #12

## FINAL CITIZENS PARTICIPATION





# Draft High Capacity Transit Plan

**What:** Comprehensive study that will encourage land uses supportive of high quality transit, identify priority transit investments, and develop a coordinated long-range plan for high capacity transit (e.g. bus rapid transit, modern streetcar, light rail).

**Why:** The previous Las Vegas Valley Transit System Development Plan was developed in 2002 and identified the future transit network for the Southern Nevada. Much of this study has been successfully implemented including our express and rapid bus network, park and ride facilities, and expansion of the system. The time has come to develop a new long-range transit plan which will identify future high capacity transit opportunities.

**When:** The study is expected to last approximately 18 months and could commence as soon as December 2016.

**Who:** The RTC is still in the consultant selection process.



**COMPACT WALKABLE**  
15-30 persons/acre



**TRANSIT SERVED**  
30-45 persons/acre



**HCT ORIENTED**  
45+ persons/acre

**Draft Scope:** The following is a brief synopsis of the proposed study scope:

- **Project Management & Stakeholder Coordination**—coordination between RTC, a stakeholder advisory committee, and the consultant.
- **Public Outreach** – educate and engage community about transit investment strategies and future alternatives using a variety of innovative outreach techniques.
- **Transit Needs, Opportunities and Goals** – gather data and define transit performance indicators to define problem using: existing transit assessment; land use framework; previous studies.
- **Review Transit Policies and Funding Strategies in Peer Cities** – comparison of Phoenix, Denver, Salt Lake, San Diego, and Orlando.
- **Transit Supportive Land Use** – identify: what density levels are needed to support high capacity transit; what land use changes are needed to support one mode over another (BRT to LRT); what tools are needed to assist local agencies to prepare for high capacity transit.
- **Prepare and Evaluate Land Use Scenarios** – evaluate 2 different land use scenarios to determine 1) what is the economic feasibility of achieving high capacity transit supportive density; 2) what is the geographic coverage of the high capacity network based on market analysis, land use scenarios, transit productivity, etc.
- **Transit Travel Demand** – analyze transit travel demand patterns by subarea, corridor and time period; define market segments relevant to transit mode.
- **Corridor Screening** – analyze up to 25 corridors across the region and identify the most promising for high capacity transit.
- **Corridor Modeling** – analyze which transit technologies along which corridor would attract the most riders.
- **High capacity transit system plan scenarios** – analyze how various high capacity transit corridors could be packaged as a complete system. The three scenarios will be baseline (anticipated operational improvements); medium investment (a moderate financial increase to support routes of regional significance); high investment (high financial increase to make transit competitive with automobiles).
- **Cost Analysis** – develop conceptual cost estimates and potential funding mechanisms for the baseline, medium, and high investment scenarios.



**REGIONAL TRANSPORTATION COMMISSION  
OF  
SOUTHERN NEVADA**



**AGENDA ITEM**

Metropolitan Planning Organization <input type="checkbox"/>	Transit <input type="checkbox"/>	Administration and Finance <input checked="" type="checkbox"/>
<b>SUBJECT:</b> TRAC AGENDA REVIEW AND OLD BUSINESS		
<b>PETITIONER:</b> TINA QUIGLEY, GENERAL MANAGER REGIONAL TRANSPORTATION COMMISSION OF SOUTHERN NEVADA		
<b>RECOMMENDATION BY PETITIONER:</b> THAT THE TRANSPORTATION RESOURCE ADVISORY COMMITTEE AND COMMUNITY COLLABORATION RECEIVE AN OVERVIEW OF THE TRAC AGENDA		
<b>GOAL:</b> ENHANCE PUBLIC AWARENESS AND SUPPORT OF THE REGIONAL TRANSPORTATION SYSTEM		

**FISCAL IMPACT:**

None

**BACKGROUND:**

The Transportation Resource Advisory Committee and Community Collaboration (TRAC) will review the TRAC Transit Meeting 2 Agenda, with a focus on the value of transit and innovative transportation solutions.

Respectfully submitted,

DocuSigned by:

*Tina Quigley*

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TINA QUIGLEY  
General Manager

**TRAC      Item #3**  
**November 10, 2016**  
Non-Consent

js





**REGIONAL TRANSPORTATION COMMISSION  
OF  
SOUTHERN NEVADA**



**AGENDA ITEM**

Metropolitan Planning Organization <input type="checkbox"/>	Transit <input type="checkbox"/>	Administration and Finance <input checked="" type="checkbox"/>
<b>SUBJECT:</b> DISCUSSION ON FUEL REVENUE INDEXING		
<b>PETITIONER:</b> TINA QUIGLEY, GENERAL MANAGER REGIONAL TRANSPORTATION COMMISSION OF SOUTHERN NEVADA		
<b>RECOMMENDATION BY PETITIONER:</b> THAT THE TRANSPORTATION RESOURCE ADVISORY COMMITTEE AND COMMUNITY COLLABORATION DISCUSS FUEL REVENUE INDEXING		
<b>GOAL:</b> ENHANCE PUBLIC AWARENESS AND SUPPORT OF THE REGIONAL TRANSPORTATION SYSTEM		

**FISCAL IMPACT:**

None

**BACKGROUND:**

The Transportation Resource Advisory Committee and Community Collaboration will discuss the next steps of Fuel Revenue Indexing.

Respectfully submitted,

DocuSigned by:  
  
1EF079E7DF294EE...

TINA QUIGLEY  
General Manager

**TRAC      Item #4**  
**November 10, 2016**  
Non-Consent



# REGIONAL TRANSPORTATION COMMISSION OF SOUTHERN NEVADA



## AGENDA ITEM

Metropolitan Planning Organization <input type="checkbox"/>	Transit <input type="checkbox"/>	Administration and Finance <input checked="" type="checkbox"/>
<b>SUBJECT:</b> ONLINE TOOL AND GIS-BASED PROJECT MAP		
<b>PETITIONER:</b> TINA QUIGLEY, GENERAL MANAGER REGIONAL TRANSPORTATION COMMISSION OF SOUTHERN NEVADA		
<b>RECOMMENDATION BY PETITIONER:</b> THAT THE TRANSPORTATION RESOURCE ADVISORY COMMITTEE AND COMMUNITY COLLABORATION RECEIVE AN UPDATE ON ONLINE TOOL AND GIS-BASED PROJECT MAP		
<b>GOAL:</b> ENHANCE PUBLIC AWARENESS AND SUPPORT OF THE REGIONAL TRANSPORTATION SYSTEM		

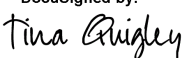
### **FISCAL IMPACT:**

None

### **BACKGROUND:**

The Transportation Resource Advisory Committee and Community Collaboration (TRAC) will receive an update from Regional Transportation Commission of Southern Nevada (RTC) staff on the progress of the online transportation planning tool and the GIS-based project map developed by the Regional Project Coordination Committee.

Respectfully submitted,

DocuSigned by:  
  
 1EF079E7DF294EE...  
 \_\_\_\_\_  
 TINA QUIGLEY  
 General Manager

**TRAC Item #5**  
**November 10, 2016**  
 Non-Consent





**REGIONAL TRANSPORTATION COMMISSION  
OF  
SOUTHERN NEVADA**



**AGENDA ITEM**

Metropolitan Planning Organization <input type="checkbox"/>	Transit <input type="checkbox"/>	Administration and Finance <input checked="" type="checkbox"/>
<b>SUBJECT:</b> MAJOR PROJECTS AND TRANSPORTATION INFRASTRUCTURE UPDATE		
<b>PETITIONER:</b> TINA QUIGLEY, GENERAL MANAGER REGIONAL TRANSPORTATION COMMISSION OF SOUTHERN NEVADA		
<b>RECOMMENDATION BY PETITIONER:</b> THAT THE TRANSPORTATION RESOURCE ADVISORY COMMITTEE AND COMMUNITY COLLABORATION RECEIVE AN UPDATE ON MAJOR PROJECTS AND TRANSPORTATION INFRASTRUCTURE		
<b>GOAL:</b> ENHANCE PUBLIC AWARENESS AND SUPPORT OF THE REGIONAL TRANSPORTATION SYSTEM		

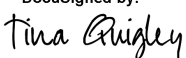
**FISCAL IMPACT:**

None

**BACKGROUND:**

The Transportation Resource Advisory Committee and Community Collaboration (TRAC or Committee) will receive an update on major projects and transportation infrastructure in Southern Nevada.

Respectfully submitted,

DocuSigned by:  
  
1EF079E7DF294EE...  
\_\_\_\_\_  
TINA QUIGLEY  
General Manager

**TRAC      Item #6**  
**November 10, 2016**  
Non-Consent



**REGIONAL TRANSPORTATION COMMISSION  
OF  
SOUTHERN NEVADA**



**AGENDA ITEM**

Metropolitan Planning Organization <input type="checkbox"/>	Transit <input type="checkbox"/>	Administration and Finance <input checked="" type="checkbox"/>
<b>SUBJECT:</b> OVERVIEW OF DISRUPTION AHEAD PRESENTATION		
<b>PETITIONER:</b> TINA QUIGLEY, GENERAL MANAGER REGIONAL TRANSPORTATION COMMISSION OF SOUTHERN NEVADA		
<b>RECOMMENDATION BY PETITIONER:</b> THAT THE TRANSPORTATION RESOURCE ADVISORY COMMITTEE AND COMMUNITY COLLABORATION RECEIVE AN OVERVIEW OF DISRUPTION AHEAD PRESENTATION		
<b>GOAL:</b> ENHANCE PUBLIC AWARENESS AND SUPPORT OF THE REGIONAL TRANSPORTATION SYSTEM		

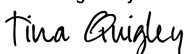
**FISCAL IMPACT:**

None

**BACKGROUND:**

The Transportation Resource Advisory Committee and Community Collaboration (TRAC) will receive an overview of the “Disruption Ahead” presentation from an expert on transportation technology. The presentation will discuss how new transportation technologies will impact the future of transportation in Southern Nevada.

Respectfully submitted,

DocuSigned by:  
  
1EF079E7DF294EE...  
\_\_\_\_\_  
TINA QUIGLEY  
General Manager

**TRAC      Item #7**  
**November 10, 2016**  
Non-Consent



**REGIONAL TRANSPORTATION COMMISSION  
OF  
SOUTHERN NEVADA**



**AGENDA ITEM**

Metropolitan Planning Organization <input type="checkbox"/>	Transit <input type="checkbox"/>	Administration and Finance <input checked="" type="checkbox"/>
<b>SUBJECT:</b> PRESENTATION ON THE VALUE OF TRANSIT		
<b>PETITIONER:</b> TINA QUIGLEY, GENERAL MANAGER REGIONAL TRANSPORTATION COMMISSION OF SOUTHERN NEVADA		
<b>RECOMMENDATION BY PETITIONER:</b> THAT THE TRANSPORTATION RESOURCE ADVISORY COMMITTEE AND COMMUNITY COLLABORATION RECEIVE A PRESENTATION ON THE VALUE OF TRANSIT		
<b>GOAL:</b> ENHANCE PUBLIC AWARENESS AND SUPPORT OF THE REGIONAL TRANSPORTATION SYSTEM		

**FISCAL IMPACT:**

None

**BACKGROUND:**

The Transportation Resource Advisory Committee and Community Collaboration (TRAC) will receive a presentation on the value of transit to the community and the resources available to both residents and visitors of Southern Nevada.

Respectfully submitted,

DocuSigned by:

*Tina Quigley*

1EF079E7DF294EE...

TINA QUIGLEY  
General Manager

**TRAC      Item #8**  
**November 10, 2016**  
Non-Consent





# REGIONAL TRANSPORTATION COMMISSION OF SOUTHERN NEVADA



## AGENDA ITEM

Metropolitan Planning Organization <input type="checkbox"/>	Transit <input type="checkbox"/>	Administration and Finance <input checked="" type="checkbox"/>
<b>SUBJECT:</b> TRANSIT FUNDING		
<b>PETITIONER:</b> TINA QUIGLEY, GENERAL MANAGER REGIONAL TRANSPORTATION COMMISSION OF SOUTHERN NEVADA		
<b>RECOMMENDATION BY PETITIONER:</b> THAT THE TRANSPORTATION RESOURCE ADVISORY COMMITTEE AND COMMUNITY COLLABORATION DISCUSS TRANSIT FUNDING		
<b>GOAL:</b> ENHANCE PUBLIC AWARENESS AND SUPPORT OF THE REGIONAL TRANSPORTATION SYSTEM		

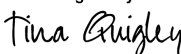
### **FISCAL IMPACT:**

None

### **BACKGROUND:**

The Transportation Resource Advisory Committee and Community Collaboration (TRAC) will receive a presentation from RTC staff on current transit funding and transit operation costs.

Respectfully submitted,

DocuSigned by:  
  
 1EF079E7DF294EE...  
 \_\_\_\_\_  
 TINA QUIGLEY  
 General Manager

**TRAC      Item #9**  
**November 10, 2016**  
 Non-Consent



# REGIONAL TRANSPORTATION COMMISSION OF SOUTHERN NEVADA



## AGENDA ITEM

Metropolitan Planning Organization <input type="checkbox"/>	Transit <input type="checkbox"/>	Administration and Finance <input checked="" type="checkbox"/>
<b>SUBJECT:</b> UBER PRESENTATION		
<b>PETITIONER:</b> TINA QUIGLEY, GENERAL MANAGER REGIONAL TRANSPORTATION COMMISSION OF SOUTHERN NEVADA		
<b>RECOMMENDATION BY PETITIONER:</b> THAT THE TRANSPORTATION RESOURCE ADVISORY COMMITTEE AND COMMUNITY COLLABORATION RECEIVE A PRESENTATION ON UBER		
<b>GOAL:</b> ENHANCE PUBLIC AWARENESS AND SUPPORT OF THE REGIONAL TRANSPORTATION SYSTEM		

### **FISCAL IMPACT:**

None

### **BACKGROUND:**

The Transportation Resource Advisory Committee and Community Collaboration (TRAC) will receive a presentation describing the role Uber plays in transportation from a local and regional perspective from an Uber transportation policy and research representative.

Respectfully submitted,

DocuSigned by:  
  
 1EF079E7DF294EE...

TINA QUIGLEY  
General Manager

js

**TRAC    Item #10**  
**November 10, 2016**  
 Non-Consent





**REGIONAL TRANSPORTATION COMMISSION  
OF  
SOUTHERN NEVADA**



**AGENDA ITEM**

Metropolitan Planning Organization <input type="checkbox"/>	Transit <input type="checkbox"/>	Administration and Finance <input checked="" type="checkbox"/>
<b>SUBJECT:</b> OPEN DISCUSSION		
<b>PETITIONER:</b> TINA QUIGLEY, GENERAL MANAGER REGIONAL TRANSPORTATION COMMISSION OF SOUTHERN NEVADA		
<b>RECOMMENDATION BY PETITIONER:</b> THAT THE TRANSPORTATION RESOURCE ADVISORY COMMITTEE AND COMMUNITY COLLABORATION DISCUSS THE VALUE OF TRANSIT AND INNOVATIVE TRANSPORTATION SOLUTIONS		
<b>GOAL:</b> ENHANCE PUBLIC AWARENESS AND SUPPORT OF THE REGIONAL TRANSPORTATION SYSTEM		

**FISCAL IMPACT:**

None

**BACKGROUND:**

The Transportation Resource Advisory Committee and Community Collaboration (TRAC) will discuss the value of transit and innovative transportation solutions in Southern Nevada.

Respectfully submitted,

DocuSigned by:  
  
1EF079E7DF294EE...  
\_\_\_\_\_  
TINA QUIGLEY  
General Manager

**TRAC    Item #11**  
**November 10, 2016**  
Non-Consent



# REGIONAL TRANSPORTATION COMMISSION OF SOUTHERN NEVADA



## AGENDA ITEM

Metropolitan Planning Organization <input type="checkbox"/>	Transit <input type="checkbox"/>	Administration and Finance <input checked="" type="checkbox"/>
<b>SUBJECT:</b> CITIZENS PARTICIPATION		
<b>PETITIONER:</b> TINA QUIGLEY, GENERAL MANAGER REGIONAL TRANSPORTATION COMMISSION OF SOUTHERN NEVADA		
<b>RECOMMENDATION BY PETITIONER:</b> THAT THE TRANSPORTATION RESOURCE ADVISORY COMMITTEE AND COMMUNITY COLLABORATION CONDUCT A COMMENT PERIOD FOR CITIZENS PARTICIPATION		
<b>GOAL:</b> ENHANCE PUBLIC AWARENESS AND SUPPORT OF THE REGIONAL TRANSPORTATION SYSTEM		

### **FISCAL IMPACT:**

None

### **BACKGROUND:**

In accordance with State of Nevada Open Meeting Law, the Regional Transportation Commission of Southern Nevada Transportation Resource Advisory Committee and Community Collaboration (Committee) shall invite interested persons to make comments. For the initial Citizens Participation, the public should address items on the current agenda. For the final Citizens Participation, interested persons may make comments on matters within the Committee's jurisdiction, but not necessarily on the current agenda. No action can be taken on any matter discussed under this item, although the Committee can direct that it be placed on a future agenda.

Respectfully submitted,

DocuSigned by:  
  
 1EF079E7DF294EE...

TINA QUIGLEY  
General Manager

**TRAC    Item #12**  
**November 10, 2016**  
 Non-Consent

