



**REGIONAL TRANSPORTATION COMMISSION  
TECHNICAL ADVISORY COMMITTEE  
MEETING AGENDA**

**Wednesday, February 5, 2020 at 9:00 am  
Regional Transportation Commission  
1<sup>st</sup> Floor Conference Room  
1105 Terminal Way, Reno NV 89502**

I. The RTC 1<sup>st</sup> Floor Conference Room is accessible to individuals with disabilities. Requests for auxiliary aids to assist individuals with disabilities should be made with as much advance notice as possible. For those requiring hearing or speech assistance, contact Relay Nevada at 1.800.326.6868 (TTY, VCO or HCO). Requests for supporting documents and all other requests should be directed to RTC Metropolitan Planning at 775-348-0480. Supporting documents may also be found on the RTC website: [www.rtcwashoe.com](http://www.rtcwashoe.com).

II. The Technical Advisory Committee (TAC) has a standing item for accepting public comment on topics relevant to the RTC TAC that are not included on the agenda. No action may be taken on a matter raised under this item of the agenda until the matter itself has been specifically included on an agenda as an item upon which action will be taken. For specific items on the TAC agenda, public comment will be taken at the time the item is discussed. Individuals providing public comment will be limited to three minutes. Individuals acting as a spokesperson for a group may request additional time. Attempts to present public input in a disruptive manner will not be allowed. Remarks will be addressed to the TAC as a whole and not to individual members.

III. The TAC may combine two or more agenda items for consideration and/or may remove an item from the agenda or delay discussion relating to an item on the agenda at any time.

**ITEM 1** Approval of Agenda (*For Possible Action*)

**ITEM 2** Public Comment - *please read paragraph II near the top of this page*

**ITEM 3** Approval of the December 4, 2019 Meeting Minutes (*For Possible Action*)

**ITEM 4** Acknowledge Receipt of a Report on the Proposed RTC RIDE Service Change and Provide Feedback (*For Possible Action*)

**ITEM 5** Acknowledge Receipt of a Report on an Update of the Sparks FlexRIDE Service (*For Possible Action*)

**ITEM 6** Acknowledge Receipt of a Report on an Update of the 2050 Regional Transportation Plan (RTP) Development (*For Possible Action*)

**ITEM 7** Development Updates (*Informational Only*)

**ITEM 8** Member Items

- |                   |                                       |
|-------------------|---------------------------------------|
| a) City of Reno   | b) Reno-Tahoe Airport Authority       |
| c) City of Sparks | d) FHWA                               |
| e) Washoe County  | f) Air Quality Management Div. (AQMD) |
| g) NDOT           | h) TMRPA                              |
| i) WCSD           | j) Reno-Sparks Indian Colony (RSIC)   |

**ITEM 9** Agenda Items for Future TAC Meetings *(For Possible Action)*

**ITEM 10** RTC Staff Items *(Informational Only)*

**ITEM 11** Public Comment - *please read paragraph II near the top of this page*

**ITEM 12** Adjournment *(For Possible Action)*

*The Committee may take action on any item noted for possible action*

**REGIONAL TRANSPORTATION COMMISSION  
TECHNICAL ADVISORY COMMITTEE**

**Meeting Minutes**

**Wednesday, December 4, 2019**

**Attendees**

Daniel Inouye	Washoe County Health District-Air Quality Management Division
Kurt Dietrich	City of Reno Community Development
Chris Tolley	Truckee Meadows Regional Planning Agency
Chair, Amber Sosa	City of Sparks, Engineering Services
Armando Ornelas	City of Sparks Community Services
Kevin Verre	Nevada Department of Transportation
Mitchell Fink	Washoe County Community Services
Julee Olander	Washoe County Community Services
Mike Boster	Washoe County School District
Enos Han	Federal Streets & Highway Administration

**RTC Staff**

Amy Cummings	Dan Doenges
Rebecca Kapuler	Blaine Petersen
Dale Keller	Julie Masterpool
Judy Tortelli	

**Guests**

Stephanie Chen, WCHD

The Committee met in the First Floor Conference Room, 1105 Terminal Way, Reno, Nevada. The meeting was called to order at 9:02 a.m. by the chair, Amber Sosa.

**ITEM 1. APPROVAL OF AGENDA**

The agenda was approved with item 7. On the agenda moved after Item 3. On the agenda.

**ITEM 2. PUBLIC COMMENT**

There were no comments.

**ITEM 3. APPROVAL OF THE NOVEMBER 6, 2019 MEETING MINUTES**

The minutes of the TAC meeting November 6, 2019, meeting minutes were approved as corrected.

*Item 7. on the agenda was moved after Item 3. on the agenda.*

**ITEM 7. ACKNOWLEDGE RECEIPT OF A REPORT ON PEDESTRIAN SAFETY ZONES AND SIGNALIZED PEDESTRIAN CROSSINGS** *(Item 7. on the agenda was moved after Item 3. on the agenda).*

Rebecca Kapuler, RTC Senior Technical Planner gave an update on the Pedestrian Safety Zones and signalized pedestrian crossings and Blaine Petersen, RTC Engineer stated the pedestrian signal timing program is in coordination with Reno, Sparks and Washoe County for the traffic signals retiming in the region of the pedestrian crossing time for the compliance with the “Manual Uniform Traffic Control Devices (MUTCD) for Streets and Highways”. He stated the Leading Pedestrian Intervals (LPI) which, there are three signals in Reno and one in Sparks have that feature for a high pedestrian volume and building blocking view of the pedestrian and driver and a three seconds were added for pedestrian crossing visibility.

Kurt Dietrich, City of Reno asked Blaine Petersen, RTC Engineer about the LPI standard as to use as necessary and he stated to use as necessary.

Pedestrian Safety Zones brochures were handed out at the meeting.

Dan Inouye, WCHD-AQ asked about the NDOT walking audits and the schools and also the audit recommendations. Rebecca stated NDOT is working with eight WCSD schools for recommendations to the Pedestrian Safety Zones which, she stated the MUTCD focuses on established infrastructure, Nevada Revised Statutes (NRS) focuses on the laws and Safe Routes Routes to School (SRTS) focuses on where the kids are walking which, these will be combined together for the Pedestrian Safety Zones/signalized pedestrian crossings considerations. A discussion continued on the areas of safety zones.

Mitchell Fink, Washoe County made a motion to acknowledge receipt of a report on Pedestrian Safety Zones and signalized pedestrian crossings.

Dan Inouye, WCHD-AQ seconded.

The motion carried unanimously.

**ITEM 4. RECOMMEND APPROVAL OF THE PROPOSED AMENDMENT NO. 1 TO THE FFY 2020-2024 REGIONAL TRANSPORTATION IMPROVEMENT PLAN (RTIP)**

Dan Doenges, RTC Planning Manager briefed the committee on the proposed Amendment No. 1 to the FFY 2020-2024 RTIP. A public comment period for the amendment is scheduled to begin on November 27 and will close on December 19. A public hearing will be held at the RTC Board meeting on December 20. There were no questions asked.

Mike Boster, WCSO made a motion to recommend approval of the proposed Amendment No. 1 to the FFY 2020-2024 Regional Transportation Improvement Plan (RTIP).

Dan Inouye, WCHD-AQ seconded.

The motion carried unanimously.

**ITEM 5. ACKNOWLEDGE RECEIPT OF A REPORT ON THE FEASIBILITY STUDY FOR THE ARLINGTON AVENUE BRIDGES REPLACEMENT PROJECT**

Judy Tortelli, RTC Engineer, Project Manager gave a presentation on the feasibility study for the Arlington Avenue Bridges Replacement Project. A copy of the PowerPoint presentation is on file at the RTC Metropolitan Planning Department. She stated the kick-off meeting for the project is next Thursday, December 12, 2019, at the McKinley Arts and Culture Center from 5:00 p.m. to 7:00 p.m. and she handed out flyers for the project meeting. She asked if there were any questions.

Dan Inouye, WCHD-AQ gave comments on the bike/pedestrian connectivity at the Truckee River obstacles with the Arlington Avenue Bridges surrounding areas. Judy Tortelli, RTC Engineer, Project Manager stated it is a key to maintain pedestrian access to the Wingfield Park and the river and a multimodal access is a big part of the study, different bridge alternatives and also the flow of traffic as well.

Kevin Verre, NDOT made a motion to acknowledge receipt of a report on the feasibility study for the Arlington Avenue Bridges Replacement Project.

Armando Ornelas, City of Sparks seconded.

The motion carried unanimously.

**ITEM 6. ACKNOWLEDGE RECEIPT OF A REPORT ON THE LEMMON DRIVE CAPACITY PROJECT**

Dale Keller, RTC Engineer, Project Manager gave a presentation on the Lemmon Drive Capacity Project. A copy of the PowerPoint presentation is on file at the RTC Metropolitan Planning Department.

The RTC TAC meeting's recorder was accidentally turned off while Dale Keller's, RTC Engineer, Project Manager's presentation was in progress. The meeting continued without the recording (notes were taken).

Julee Olander, Washoe County made a motion to acknowledge receipt of a report on the Lemmon Drive Capacity Project.

Mitchell Fink, Washoe County seconded.

The motion carried unanimously.

*Item 7. on the agenda was moved after Item 3. on the agenda.*

**ITEM 8. ACKNOWLEDGE RECEIPT OF A REPORT ON AN UPDATE OF THE 2050 REGIONAL TRANSPORTATION PLAN (RTP) DEVELOPMENT**

The RTC TAC meeting's recorder was turned off and then turned back on while agenda Item 8. presentation was being conducted. The meeting continued in progress.

Amy Cummings, RTC Deputy Executive Director/Director of Planning gave an update of the 2050 Regional Transportation Plan (RTP) development. She presented a visioning exercise for the regional transportation system in 2050 visioning and had each of the RTC TAC members and the attendees of the RTC TAC meeting including the RTC staff comment with written comment cards. They were collected for a summary of the next meeting.

Kurt Dietrich, City of Reno made a motion to acknowledge receipt of a report on an update of the 2050 Regional Transportation Plan (RTP) development.

Chris Tolley, TMRPA seconded.

The motion carried unanimously.

**ITEM 9. DEVELOPMENT UPDATES**

Kurt Dietrich, City of Reno, gave developments about the corridor area at the WCSD and Traner Middle School and stated a meeting will be held next Tuesday to discuss the corridor.

Armando Ornelas, City of Sparks gave updates on single-family homes and tentative maps at Stonebrook, KileyRanch and Wingfield area and also a project west to Pyramid Highway developments.

**ITEM 10. MEMBER ITEMS**

Enos Han, FHWA stated FHWA has continued resolutions til December 21.

**ITEM 11. AGENDA ITEMS FOR FUTURE TAC MEETINGS**

There were no items given.

**ITEM 12. RTC STAFF ITEMS**

Rebecca Kapuler, RTC Senior Technical Planner announced a Vision Zero meeting on next Thursday, December 12, 2019, she stated the Renown Children’s Hospital trauma doctor will be attending for pedestrian bicycle issues for Vision Zero and she also stated a double decker bus is on our Hot Topics page, at the RTC web site for more information and it is free to ride. A discussion continued on the double decker bus.

**ITEM 13. PUBLIC COMMENT**

There were no comments given.

**ITEM 14. ADJOURNMENT**

The meeting adjourned at 9:46 a.m.



**REGIONAL TRANSPORTATION COMMISSION**

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Metropolitan Planning Organization of Washoe County, Nevada

February 5, 2020

**AGENDA ITEM 4**

**TO:** Technical Advisory Committee

**FROM:** Michael Dulude  
Transit Planner / Scheduler

**SUBJECT:** May 2020 Service Change Summary

**RECOMMENDATION**

Acknowledge receipt of a report on the proposed RTC RIDE service change and provide feedback.

**SUMMARY**

RTC RIDE continually looks to provide the best service by improving on-time performance, shortening passenger's travel times, and offering innovative services. RTC RIDE is committed to performing two service changes per year to ensure the latest innovations and services are available to the passengers and the public. The next service change is scheduled for May 2, 2020 and will contain the following changes:

**North Valleys Service**

RTC RIDE is planning to implement a second microtransit, or FlexRIDE, pilot project in the North Valleys of the Truckee Meadows. The FlexRIDE service will have zones that will include these major areas: Lemmon Drive from Buck to Deodar, Military Road, the Raleigh Heights area, and the community just north of Parr Boulevard. Transfer points will be available to transfer to Route 7 and will include the Bonanza Casino, North Virginia Street with the Raleigh Heights area, and Walmart on Sky Vista Drive. Various points-of-interest will be available to FlexRIDE passengers and they will include North Valleys High School, Walmart, Raley's, Washoe County Sheriff's Department (WCSO), and others. Funding this service will require the discontinuation of Route 17.

Although Route 17 has been in place for a number of years, ridership along this route is typically low. In a similar analysis to the Sparks FlexRIDE service area, RTC's microtransit planning consultant agreed the North Valleys would be a great candidate for a microtransit program. RTC is expecting to see similar results in the North Valley areas noted in the 'Microtransit' section above. The FlexRIDE program will cover all the areas of Route 17 plus a little more. The cost to operate Route 17 is enough to fund the FlexRIDE program in the North Valleys. Therefore, staff is recommending Route 17 to be discontinued.



To support the North Valleys area and ensure adequate coverage, there will also be changes to Route 7. RTC will re-align this route to serve North Virginia Street up to Lemmon Drive, which will allow for continued RTC RIDE (fixed-route) service to Amazon and other warehouses located near the North Virginia Street and Lemmon Drive intersection. Therefore, Route 7 will no longer turn on to Golden Valley Road to North Hills Drive to Buck Avenue to Sky Vista. The new alignment will be North Virginia Street to Lemmon Drive to Sky Vista. There will be transfer points to Route 7 from FlexRIDE at the Bonanza Casino, on North Virginia Street within the Raleigh Heights area, and at Walmart on Sky Vista.

Anticipating increased passenger load on Route 7 and to support growing employment in the area, RTC will add one additional morning trip at 5:45 AM to provide 30-minute frequency through the morning peak hours. Additionally, for the afternoon peak service, RTC will authorize Keolis (RIDE contract operator) to provide boosted service to accommodate bus overloads as needed.

The funding for this additional service will come from the remaining dollars from the discontinuation of Route 17 and in the implementation of FlexRIDE.

**Route 25L (Reed High School Morning and Afternoon Bell Time Service) –**

With the implementation of the planned FlexRIDE in the north and east downtown Sparks area, there was concern students would not utilize the FlexRIDE service to access Reed HS, as well as a concern the FlexRIDE service would be overwhelmed by students going to or from Reed HS. Due to these concerns, RTC elected to provide an AM and PM bell time service for the high school. Although the service is being utilized, data collection indicates that there are only four people on average using the Route 25L to travel to or from the high school. Additionally, the data indicates that FlexRIDE has not be overwhelmed by the student load. Therefore, staff is recommending that this route be discontinued.

**Route 9 –**

As part of the November 2, 2019 service change, Route 9 was reconfigured to operate from the El Rancho Lincoln Line – RAPID station to the southern end of Kietzke Lane via the Virginia Line – RAPID station at South Virginia Street and Peckham Lane.

When the reconfiguration was planned, staff had discussions about diverting the route to encompass the Renown Medical Complex. However, the decision was made to remain on Kietzke Lane. Subsequent to the change, staff has received comments indicating a high desire to have easier access to Renown. Based on this feedback, staff will recommend that Route 9 be configured to serve Renown. This service will program the route to leave Kietzke Lane onto 2<sup>nd</sup> Street to Kirman Avenue to Mill Street to provide the necessary service to Renown. The route will reverse on the northbound trip of the service. Due to the added time to make this loop, the frequency will have to be adjusted from 30-minutes to 35-minutes. Route 9 will continue to service the very southern extent of Kietzke Lane. There is no additional cost for this change.

**Virginia Line – RAPID –**

In the midst of the economic boom in the Truckee Meadows, RTC RIDE and its operations contractor began having difficulty hiring and retaining bus operators. The effects of this on the RTC RIDE service was a loss of scheduled transit trips due to the lack of operators. The loss of trips has affected ridership, the reliability of the service, and on-time performance.

In an effort to assist the contractor with the reduced number of operators and the passengers, RTC staff cut some service to meet the pool of available operators. One of these cuts was to reduce the level of service on the Virginia Line – RAPID from 10-minute frequency to 12-minute frequency and re-optimize the vehicle schedule. The result of these two actions allowed the Virginia Line to be operated with only 5 buses instead of 7 buses, resulting the saving at least four operator positions. This change was implemented in January 2018.

Since that implementation, RTC has contracted with a different operations contractor, which is now Keolis. Contained in the new operations contract is a higher wage scale for the bus operators. The effect has been the ability to hire and retain bus operators. Additionally, bus operators who previously left are now going through the process of being re-hired. Furthermore, RTC has embarked on the Virginia Street Bus RAPID Transit Extension project to University of Nevada, Reno. One of the requirements of this project is the restoration of the 10-minute frequency of the Virginia Line – RAPID service.

Therefore, staff is recommending restoring the Virginia Line – RAPID service to 10-minute frequency and restoring the two buses.

**Limited Specific Segment Run-Time Adjustments –**

In an on-going effort to ensure each route is operating in a most efficient manner, the run-times between time-points need to be adjusted to stay relevant to the times. The effects of these adjustments are that the passenger has accurate and reliable time-table data and the operators are given the time necessary to operate the service in a safe and courteous manner. Therefore, staff will be making limited specific segment run-time adjustments that will slightly change the time-tables for certain routes.



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**AGENDA ITEM 5**

**TO:** Technical Advisory Committee  
**FROM:** Michael Dulude  
Transit Planner / Scheduler  
**SUBJECT: Sparks FlexRIDE Service Update**

**RECOMMENDATION**

Acknowledge receipt of a report on an update of the Sparks FlexRIDE service.

**SUMMARY**

In calendar year 2019, staff presented the microtransit concept that was originally scheduled to begin May 2019 as part of the May 2019 RTC RIDE service change. However, due to a legislative issue which did not enable RTC to operate this type of service, implementation was delayed. During the 2019 legislative session, the Nevada Revised Statute (NRS) language was changed to allow for RTC authority to operate this service, and Governor Sisolak signed the bill into law effective October 1, 2019. Therefore, RTC implemented FlexRIDE on November 2, 2019 during the RTC RIDE service change.

The microtransit service, known as FlexRIDE, was successfully implemented. RTC staff and Transloc, the consultant hired to help model, plan, and implement the service, expected to achieve 100 passengers per day by the end of the third month of the six-month pilot project; and achieve 200 passengers per day by the end of the six-month pilot project. Upon implementation, FlexRIDE was immediately utilized; service started on a Saturday carrying 49 passengers, followed by 40 passengers on Sunday, and 92 on Monday. Since that time, the service has remained popular as demonstrated by the average ridership below:

	<u>Weekday</u>	<u>Saturday</u>	<u>Sunday</u>
<b>November</b>	142	69	67
<b>December</b>	145	85	89
<b>January</b>	148	86	81

FlexRIDE has experienced a daily high of 182 riders during the last two and half months of service. The RTC has received many positive comments regarding the service. The FlexRIDE service has shown to be a success by exceeding initial goals. RTC is planning a second pilot program for the North Valleys to be implemented as part of the May 2020 service change.



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**AGENDA ITEM 6**

**TO:** Technical Advisory Committee

**FROM:** Dan Doenges, PTP, RSP  
Planning Manager/Interim Director of Planning

**SUBJECT:** **2050 Regional Transportation Plan (RTP)**

**RECOMMENDATION**

Acknowledge receipt of a report on an update of the 2050 Regional Transportation Plan (RTP) development.

**SUMMARY**

Staff will provide an update on the progress of the development of the 2050 RTP. Staff will provide information on existing conditions, outreach schedule, and visioning feedback.