



**REGIONAL TRANSPORTATION COMMISSION**

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

Metropolitan Planning Organization of Washoe County, Nevada

May 20, 2019

**AGENDA ITEM 3.4**

**TO:** Regional Transportation Commission

**FROM:** David F. Jickling  
Director of Public Transportation and Operations

  
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Lee G. Gibson, AICP  
Executive Director

**SUBJECT: RTC Public Transportation and Operations Report**

**RECOMMENDATION**

Acknowledge receipt of the monthly Public Transportation and Operations Report.

**HIGHLIGHTS**

**Earth Day** – RTC staff participated in a number of Earth Day events this year beginning with a celebration at TMCC on April 18<sup>th</sup>. Staff shared information about the Smart Trips program with participants and unveiled the UPass demonstration program scheduled to begin July 1<sup>st</sup> bringing free fares to students and staff at TMCC and UNR.



On Monday, April 22, staff participated in the University of Nevada, Reno’s, Earth Day celebration on campus. This event occurred on the actual Earth Day and coincided with free transit provided all day by the RTC. The UNR event featured one of our electric buses and staff provided information on the UPass demonstration program, Smart Trips, bicycling and walking options as well the upcoming fixed-route service change.

The final Earth Day event took place on Saturday, April 27, at Mayberry Park. This event was designed to be low impact with zero waste. RTC hosted a very simply display about Smart Trips and vanpool options, answering questions throughout the day from participants.

**UNR Guest Lecturers** – On April 18<sup>th</sup>, public transportation staff gave a presentation to approximately 50 students enrolled in CEE 362 - Transportation Engineering. The presentation focused on public transportation in Washoe County and RTC's electric bus program. Staff discussed the fixed-route service (RTC RIDE), our paratransit demand response service (RTC ACCESS), funding, and ridership demographics; electric buses and infrastructure; transit signal priority, and a potential project on autonomous bus and car integration with Lidar intersections. Overall, the presentation helped the students understand the aspects of public transportation, electric buses and infrastructure, and special projects in the pipeline. Students posed great questions, and had great interactions with staff.



**Electric Bus and Infrastructure Tour** – On April 23<sup>rd</sup>, RTC gave a tour of our electric buses and infrastructure to Utah Transit Authority (UTA) officials from Salt Lake City. Staff shared RTC's maintenance and operational experiences related to our fleet of 21 Proterra electric buses. UTA shared their experience operating and maintaining New Flyer electric buses.

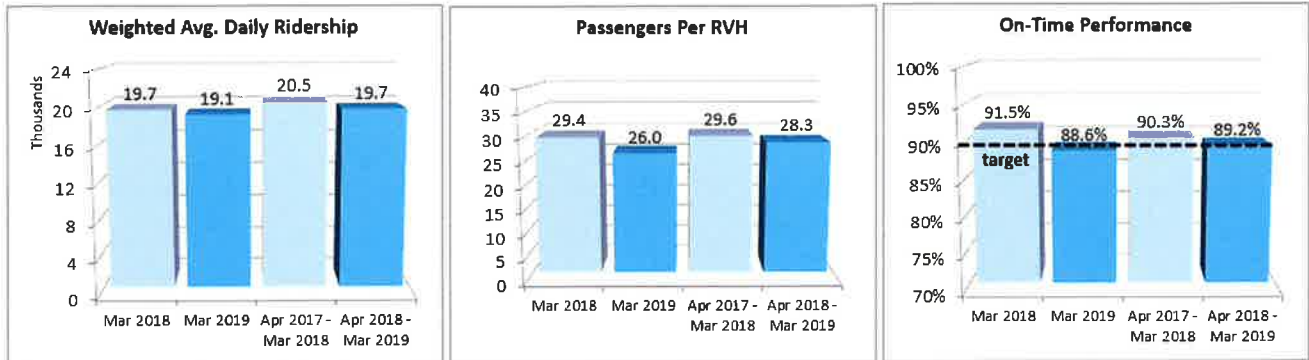
UTA is formulating strategies for their bus replacement and is considering having a combination of buses with different propulsion systems for its fleet (diesel, CNG, and electric). This tour helped UTA gain a better understanding of the Proterra electric bus and charging infrastructure.

## **TRANSIT DEMAND MANAGEMENT (TDM) UPDATE**

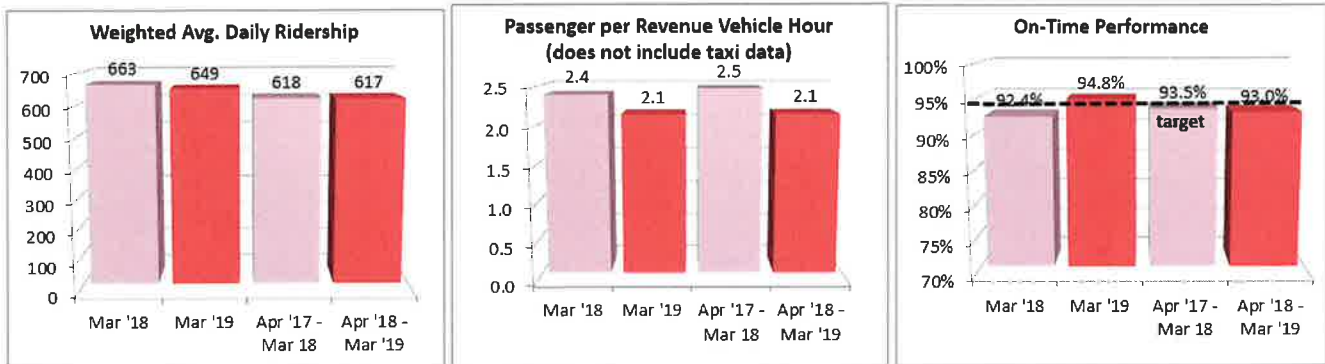
- **Vanpools increased** from 164 to 171 with about 100 vans serving the Tahoe Reno Industrial Center (TRI).
- **Updated Smart Trips website.** TripSpark, a national ridesharing website developer, is working on developing a Smart Trips App for both Google and Apple smart phones. We have secured the developing rights for both Google and Apple so we can proceed. The apps should be available by the end of May.

## MARCH 2019 TRANSIT PERFORMANCE

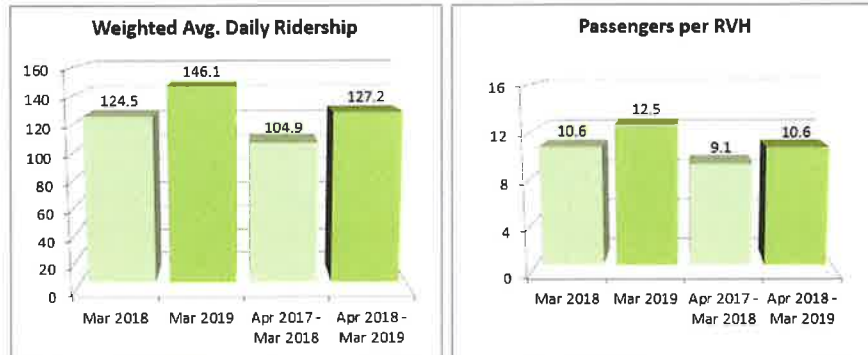
### RTC RIDE



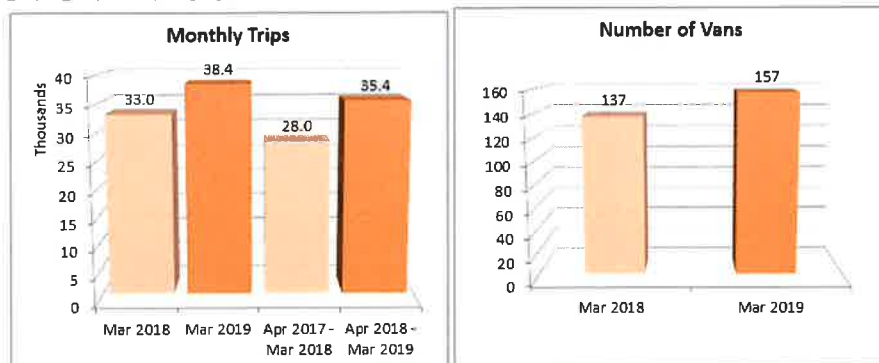
### RTC ACCESS



### TART



### RTC VANPOOL



## RTC Transit Performance Statistics<sup>1</sup>

Performance Indicator	Current month compared with same month last year			Current 12-months compared with previous year		
	Mar 2019	Percent Change	Mar 2018	Apr 2018 - Mar 2019	Percent Change	Apr 2017 - Mar 2018
Monthly Ridership	583,353	-4.4%	610,170	7,122,813	-3.9%	7,408,612
Weighted Avg. Daily Ridership	19,121	-2.8%	19,667	19,696	-3.7%	20,453
Revenue Vehicle Hours (RVH)	22,474	8.1%	20,787	251,875	0.8%	249,909
Passengers Per RVH	26.0	-11.6%	29.4	28.3	-4.6%	29.6
Revenue Vehicle Miles (RVM)	244,798	2.5%	238,765	2,815,165	-1.0%	2,844,728
Complaints Per 25,000 Trips	2.70	-35.4%	4.18	4.40	15.8%	3.80
Accidents per 100,000 Miles	1.63	-61.0%	4.19	4.01	26.9%	3.16
On-Time Performance <sup>2</sup>	92.7%	1.4%	91.4%	89.3%	-1.1%	90.3%

Performance Indicator	Feb 2019	Percent Change	Feb 2018	Mar 2018 - Feb 2019	Percent Change	Mar 2017 - Feb 2018
Revenue	\$404,851	-6.9%	\$434,775	\$5,317,683	-6.5%	\$5,689,664
Farebox Recovery Ratio	17.8%	-20.0%	22.3%	19.9%	-9.0%	21.9%
Subsidy per Passenger	\$3.65	35.0%	\$2.70	\$2.99	9.6%	\$2.73

<sup>1</sup> RTC Transit includes RTC RIDE, RTC RAPID, RTC REGIONAL CONNECTOR and SIERRA SPIRIT

<sup>2</sup> Percent of trips zero min. early and five minutes or less late



## RTC ACCESS Performance Statistics

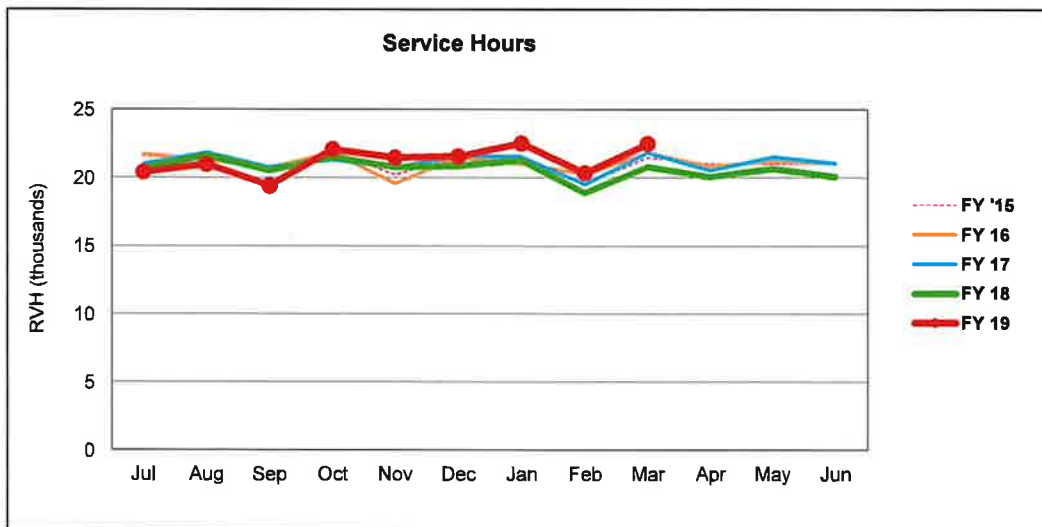
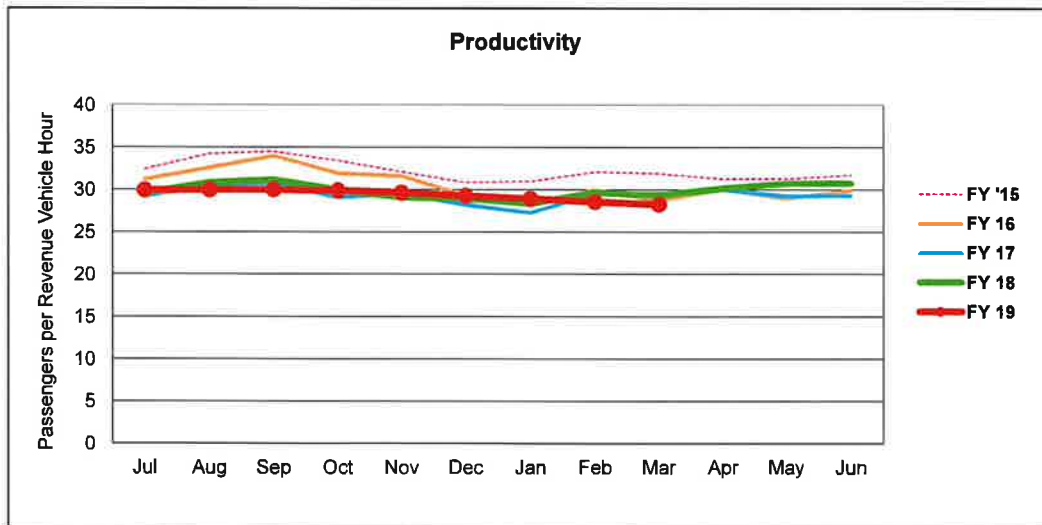
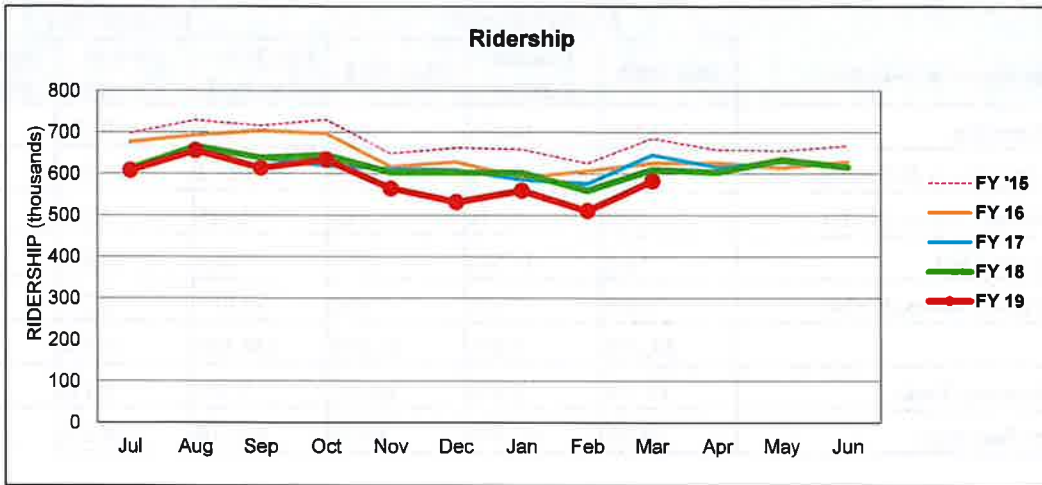
Performance Indicator	Current month compared with same month last year			Current 12-months compared with previous year		
	Mar '19	Percent Change	Mar '18	Apr '18 - Mar '19	Percent Change	Apr '17 - Mar '18
Monthly Ridership	19,406	-13.2%	22,348	233,345	-6.3%	249,054
Weighted Avg. Daily Ridership	649	-2.1%	663	617	-0.2%	618
Revenue Vehicle Hours	9,111	4.6%	8,711	102,598	15.6%	88,745
Passenger per Revenue Vehicle Hour (does not include taxi data)	2.13	-11.0%	2.39	2.14	-13.6%	2.47
Revenue Vehicle Miles (RVM)	150,039	16.2%	129,136	1,634,597	10.8%	1,474,731
Complaints per 1,000 Rides	0.31	-30.9%	0.45	0.67	-7.5%	0.72
ADA Capacity Denials	0	0.0%	0	0	0.0%	0
Other Denials	0	-100.0%	2	5	-92.4%	66
Accidents per 100,000 Miles	0.67	0.0%	0.00	0.66	-3.7%	0.68
On-Time Performance (does not include taxi data)	94.8%	2.6%	92.4%	93.0%	-0.5%	93.5%
Taxi On-Time Performance	0.0%	-100.0%	92.4%	76.3%	-20.7%	96.2%
Performance Indicator	Dec '18	Percent Change	Dec '17	July '18 - Dec '18	Percent Change	July '17 - Dec '17
Revenue*	\$173,122	3.0%	\$168,039	\$1,021,720	3.8%	\$984,775
Farebox Recovery Ratio*	26.91%	18.97%	22.62%	24.14%	11.81%	21.59%
Subsidy per Passenger*	\$17.49	-8.6%	\$19.14	\$19.18	-8.4%	\$20.93

\*December 2018 data is the latest available.

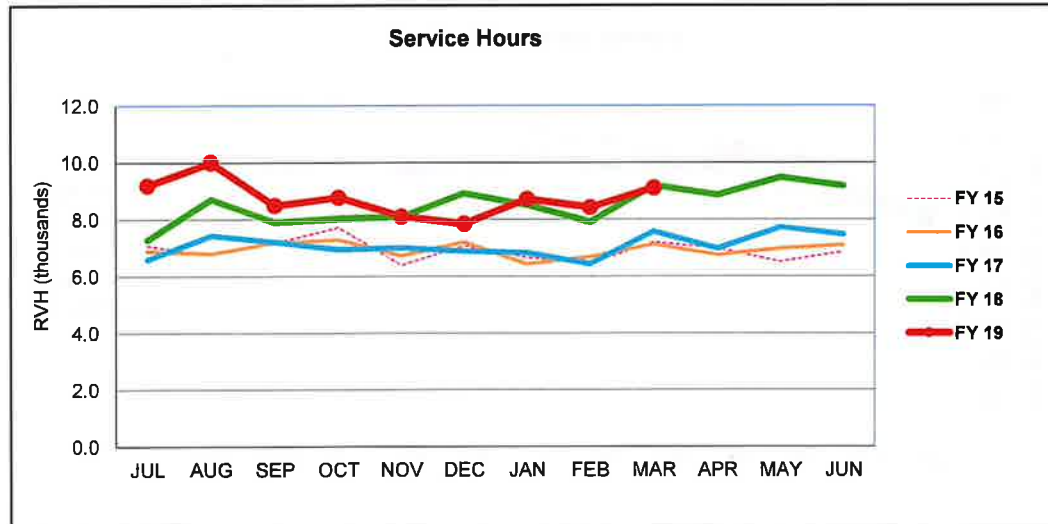
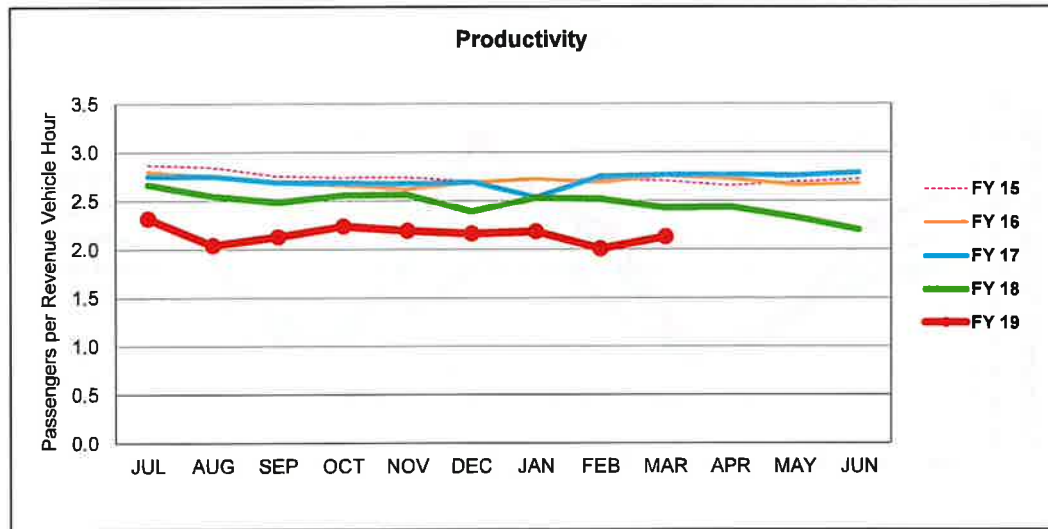
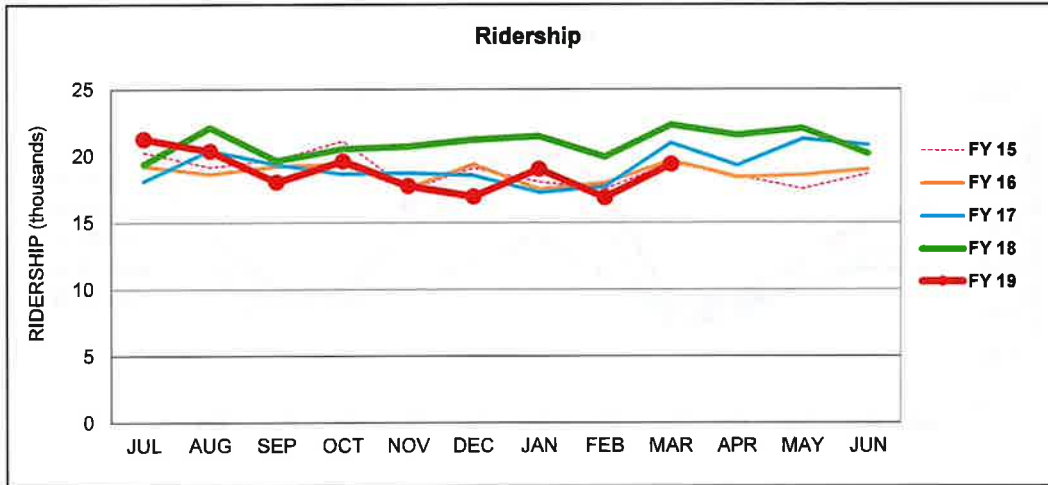
## TART Performance Statistics

Performance Indicator	Current month compared with same month last year			Current 12-months compared with previous year		
	Mar 2019	Percent Change	Mar 2018	Apr 2018 - Mar 2019	Percent Change	Apr 2017 - Mar 2018
Monthly Ridership	4,510	16.6%	3,869	45,865	20.2%	38,156
Weighted Avg. Daily Ridership	146.1	17.3%	124.5	127.2	21.3%	104.9
Revenue Vehicle Hours (RVH)	361	-1.1%	365	4,345	4.0%	4,177
Passengers per RVH	12.5	17.9%	10.6	10.6	15.6%	9.1
Revenue Vehicle Miles (RVM)	7,869	-1.1%	7,956	93,051	2.2%	91,075
Revenue	\$4,779	9.6%	\$4,359	\$48,537	12.5%	\$43,157
Farebox Recovery Ratio	11.1%	6.6%	10.4%	9.4%	0.1%	9.4%
Subsidy per Passenger	\$8.51	-12.4%	\$9.71	\$10.16	-6.5%	\$10.87

## RTC Transit Fiscal Year Comparisons



## RTC ACCESS Fiscal Year Comparisons





## TART - Nevada Fiscal Year Comparisons

