



**REGIONAL TRANSPORTATION COMMISSION**

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

Metropolitan Planning Organization of Washoe County, Nevada

January 18, 2019

**AGENDA ITEM 5.2**

**TO:** Regional Transportation Commission

**FROM:** Brian Stewart, P.E.  
Engineering Director



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Lee G. Gibson, AICP  
Executive Director

**SUBJECT: Approve the Fiscal Year (FY) 2020 Street and Highway Program of Projects (POP)**

**RECOMMENDATION**

Approve the proposed FY 2020 Program of Projects (POP).

**SUMMARY**

The FY 2020 Program of Projects (POP) (Attachment A) identifies and prioritizes funding for RTC's regional streets and highways projects, including RTC fuel tax revenues. This program has been developed in accordance with priorities established as part of the Unified Planning Work Program, Regional Transportation Plan (RTP), Regional Transportation Improvement Plan (RTIP), and the Regional Road Pavement Preservation Program.

There are six new projects and five annual programs proposed for the POP. New projects are shown on page 1 of Attachment A and are marked with a star. Page 2 of Attachment A shows the new projects in table form. All of the projects will be located within the area covered by the RTP.

RTC fuel tax revenues are the most significant source of funding for projects in the POP. Pursuant to NRS Chapter 373.140, in evaluating and determining whether to approve the use of fuel tax on a project, the RTC Board must evaluate the project in the terms as follow:

- (a) The priorities established by the RTP;
- (b) The relation of the proposed work to other projects already constructed or authorized;
- (c) The relative need for the project in comparison with others proposed; and
- (d) The money available.

After the RTC Board approves the POP, it will be brought to the Washoe County Commission for approval to authorize the use of fuel taxes on the projects.

Later in the year, in accordance with NRS Chapter 373, the RTC will develop and enter into Interlocal Cooperative Agreements (ICAs) specifying responsibilities for construction of the projects and authorizing the RTC to exercise the power of eminent domain, if necessary. One ICA will be between RTC, Washoe County and the City of Reno for projects located within the City of Reno. One ICA will be between RTC, Washoe County and the City of Sparks for projects located within the City of Sparks. Upon approval of the ICAs by the RTC Board, they will be presented to the City Councils and the Washoe County Commission for their consideration and approval.

### **FISCAL IMPACT**

Approval of the POP will appropriate fuel tax for new projects anticipated to be approximately \$36,750,000 in fuel tax, beginning in FY 2020.

### **PREVIOUS ACTIONS BY BOARD**

There has been no previous Board action or direction on this matter.

### **ADDITIONAL BACKGROUND**

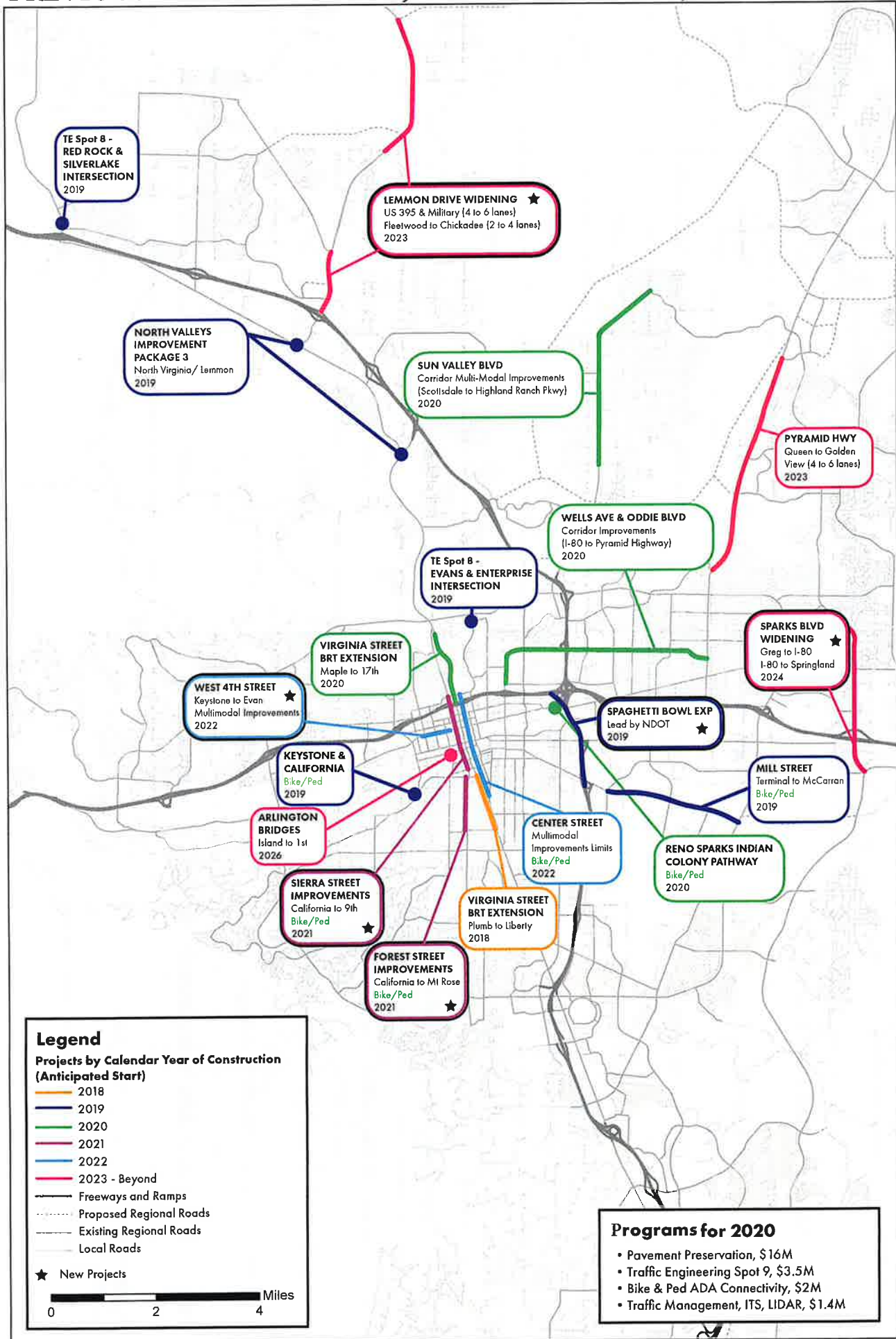
This POP places emphasis on using anticipated FY 2020 RTC fuel taxes on the pavement preservation program, with approximately \$16M in total for slurry seals for pavements in good condition and for corrective treatments to at risk pavements showing more advanced deterioration.

The proposed preventive maintenance projects are prioritized consistent with the RTC's Annual Pavement Preservation program using the Regional Rehabilitation/Reconstruction Project Selection Process, formulated in cooperation with the Directors of Public Works of the local governments. The proposed project lists are generated by analyzing all eligible streets/highway segments, prioritizing them by Pavement Condition Index (PCI – rated between 0-100), roadway classification, and Annual Daily Traffic (ADT). Depending on the amount of pavement distress (PCI), the proposed repair will fall within one of the following categories – preventive maintenance (slurry seals), corrective maintenance, road rehabilitation, or road reconstruction. This process allows the correct treatment to be applied at the right time regardless of jurisdictional boundaries and by optimizing a standard treatment strategy matrix as approved by all jurisdictions.

Pursuant to previous RTC Board direction, the POP will continue ongoing funding for the Transportation Enhancement Projects (TE), Bike/Ped/ADA, and Traffic Management as shown in Attachment A. Projects will be identified from these programs of which can be implemented quickly. Example projects that would be supported by these programs include new signals on regional roads, improving ADA access and pedestrian connectivity around transit stops, and LiDAR data collection on corridors to improve pedestrian safety, traffic signal optimization, and connected transportation alternatives.

Attachment

# PREVIOUSLY APPROVED PROJECTS AND NEW PROJECTS



**NEW PROJECTS FOR FY2020**

	Prelim Project Est. Total Dollars	Proposed Years of Construction Calendar Year	Work Phase For FY 2020	ICA Required Jurisdiction
<b>FOREST STREET BIKE FACILITY</b>	\$4,100,000	2021	Design	COR
<b>LEMMON DRIVE</b>	\$15,300,000	2023-2024	Design	COR, County
<b>SPAGHETTI BOWL (SBX)*</b>	\$150,000,000*	2019-2022	Design, Construction	NDOT
<b>SPARKS BLVD</b>	\$57,800,000	2023	Design	COS
<b>SIERRA STREET IMPROVEMENTS</b>	\$4,400,000	2021	Design	COR
<b>WEST 4th STREET</b>	\$8,000,000	2022	Design	COR
<b>2020 Preventative Maintenance (2019/2020)</b>	\$7,500,000	2020/2021	Design, Construction	ALL
<b>2020 Roadway Reconstruction Projects (2019/2020)</b>	\$8,500,000	2020/2021	Design, Construction	ALL
<b>TE SPOT 9 INTERSECTION IMPROVEMENTS</b>	\$3,500,000	2020/2021	Design, Construction	NA
<b>TRAFFIC MANAGEMENT PROGRAM/ITS/LIDAR</b>	\$1,450,000	2020/2021	Design, Construction	ALL
<b>ADA ACCESS TRANSIT/PEDESTRIAN CONNECTIVITY</b>	\$2,000,000	2020/2021	Design, Construction	ALL

Programs

New Projects

\* RTC Funding to be \$30M Total over 3 Fiscal Years

## Continuing, Previously Board Approved Projects

	Proposed Begin Construction Year	Current Phase of Work
<b>VIRGINIA STREET (BRT)</b>	2018	Construction
<b>SOUTHEAST CONNECTOR</b>	Completed	Veg establishment/Warranty
<b>CLEAN WATER WAY</b>	2019	Construction
<b>ARLINGTON BRIDGES</b>	2026	Preliminary Engineering
<b>CENTER ST. MULTIMODAL IMPROVEMENTS</b>	2022	Design
<b>NORTH VALLEY IMPROVEMENTS (Package 3)</b>	2019	Construction
<b>PYRAMID / US-395 CONNECTOR (Phase 1)</b>	2023	Design
<b>KEYSTONE &amp; CALIFORNIA</b>	2019	Construction
<b>MILL STREET (Terminal Way to McCarran)</b>	2019	Construction
<b>ODDIE BLVD/WELLS</b>	2020	Design
<b>SUN VALLEY BLVD</b>	2020	Design
<b>RENO SPARKS INDIAN COLONY PATHWAY</b>	2020	NEPA/Design
<b>2019 Preventative Maintenance (2018/2019)</b>	2019	Construction
<b>2019 Roadway Reconstructs (2018/2019)</b>	2019	Construction
<b>TE SPOTS 8</b>	2019	Design/Construction
<b>TRAFFIC MANGEMENT / ITS</b>	2019	Design/Construction
<b>ADA ACCESS TRANSIT/PEDESTRIAN CONNECTIVITY</b>	2019	Design/Construction