



**REGIONAL TRANSPORTATION COMMISSION**

Metropolitan Planning • Public Transportation & Operations • Engineering & Construction

Metropolitan Planning Organization of Washoe County, Nevada

MEETING DATE: October 15, 2021

AGENDA ITEM 4.3

From: Brian Stewart, P.E., Director of Engineering

**RECOMMENDED ACTION**

Acknowledge receipt of the monthly Engineering Activity Report.

**BACKGROUND AND DISCUSSION**

**BICYCLE AND PEDESTRIAN IMPROVEMENTS**

<b>Bus Stop Improvement and Connectivity Program</b>	
Sara Going, Project Manager	<a href="https://www.rtcwashoe.com/engineering-project/bus-stop-improvement-connectivity-program/">https://www.rtcwashoe.com/engineering-project/bus-stop-improvement-connectivity-program/</a>
<i>Status: Construction on the second phase of the project (29 bus stops) was completed early this month. Phase 3 of the program is in final design and will be advertised for construction in November of this year.</i>	

<b>Center Street Multimodal Improvements</b>	
Maria Paz Fernandez, Project Manager	<a href="https://www.rtcwashoe.com/engineering-project/center-street-multimodal-improvements-project/">https://www.rtcwashoe.com/engineering-project/center-street-multimodal-improvements-project/</a>
<i>Status: Thirty percent (30%) design plans are complete. Additional traffic analysis of the downtown road network is occurring prior to proceeding with final design, including updating traffic counts with September 2021 data.</i>	

<b>Mill Street Complete Street - Terminal Way to McCarran Boulevard</b>	
Scott Gibson, Project Manager	<a href="https://www.rtcwashoe.com/engineering-project/mill-street-complete-street/">https://www.rtcwashoe.com/engineering-project/mill-street-complete-street/</a>
<i>Status: The RTC Board approved an RTIP amendment on August 20, 2021, that allowed the project to be advertised for bids in September 2021. The construction will start during the winter months and is expected to be completed before July 2022.</i>	

## CAPACITY/CONGESTION RELIEF PROJECTS

<b>Golden Valley Road / Beckwourth Drive Traffic Signal</b>	
Blaine Petersen, Project Manager	<a href="https://www.rtcwashoe.com/engineering-project/golden-valley-beckwourth-traffic-signal/">https://www.rtcwashoe.com/engineering-project/golden-valley-beckwourth-traffic-signal/</a>
<i>Status: Ninety percent (90%) review comments are being addressed and final plans are due back November 1, 2021.</i>	

<b>North Valleys Package 3B</b>	
Sara Going, Project Manager	<a href="https://www.rtcwashoe.com/engineering-project/north-valleys-improvements-project/">https://www.rtcwashoe.com/engineering-project/north-valleys-improvements-project/</a>
<i>Status: Construction on the project began on September 20, 2021, and will continue through the end of October.</i>	

<b>Sparks Boulevard</b>	
Jeff Wilbrecht, Project Manager	<a href="http://SparksBLVDproject.com">SparksBLVDproject.com</a> .
<i>Status: During the last reporting period work activities included investigations and assessment associated with environmental impacts that are necessary for the Environmental Assessment (EA). In addition, work activities included advancing the design for the phase 1 (south segment) of the project which includes capacity improvements from Greg Street to just past the Interstate 80 (I-80) westbound ramps. Construction of phase 1 is anticipated to begin in the spring of 2022. Lastly, preliminary design for phase 2 (widening and capacity improvements from I-80 to Baring Boulevard) is complete and work with partner agencies is underway to review the design.</i>	

<b>Steamboat Parkway Improvement</b>	
Andrew Jayankura, Project Manager	<a href="https://www.rtcwashoe.com/engineering-project/steamboat-pkwy-improvement/">https://www.rtcwashoe.com/engineering-project/steamboat-pkwy-improvement/</a>
<i>Status: The project team is developing thirty percent (30%) design plans. Construction is anticipated to begin by summer of 2022.</i>	

<b>Traffic Signal Timing 6</b>	
Andrew Jayankura, Project Manager	<a href="https://www.rtcwashoe.com/engineering-project/traffic-signal-timing-6-project/">https://www.rtcwashoe.com/engineering-project/traffic-signal-timing-6-project/</a>
<i>Status: Optimization and timing on W. McCarran Boulevard (12 signals), from W. Plumb Lane to Kings Row, and on Mae Anne, from McCarran to Sierra Highlands, is complete. Pyramid Hwy and SE McCarran new timing is planned for late October.</i>	

<b>Traffic Engineering (TE) Spot 10 – Fuel Tax</b>	
Sara Going, Project Manager	<a href="https://www.rtcwashoe.com/engineering-project/traffic-engineering-spot-10-fuel-tax/">https://www.rtcwashoe.com/engineering-project/traffic-engineering-spot-10-fuel-tax/</a>
<i>Status: Construction of the project is underway, with completion scheduled for January 2022.</i>	

<b>Traffic Engineering (TE) Spot 10 – North</b>	
Andrew Jayankura, Project Manager	<a href="https://www.rtcwashoe.com/engineering-project/traffic-engineering-spot-10-north-2/">https://www.rtcwashoe.com/engineering-project/traffic-engineering-spot-10-north-2/</a>
<i>Status: Construction is underway with the installation of new signal poles. The anticipated construction completion is October 2021.</i>	

<b>Traffic Engineering (TE) Spot 10 – South</b>	
Blaine Petersen, Project Manager	<a href="https://www.rtcwashoe.com/engineering-project/traffic-engineering-spot-10-south-2/">https://www.rtcwashoe.com/engineering-project/traffic-engineering-spot-10-south-2/</a>
<i>Status: Ninety percent (90%) design plans were submitted for review by the local agencies on September 30, 2021. Right-of-way acquisition activities are underway.</i>	

<b>Traffic Management – ITS Phase 3</b>	
Blaine Petersen, Project Manager	<a href="https://www.rtcwashoe.com/engineering-project/its-traffic-management-phase-3/">https://www.rtcwashoe.com/engineering-project/its-traffic-management-phase-3/</a>
<i>Status: Underground construction is complete. New fiber optic cables will be installed through the month of October.</i>	

<b>Traffic Management – ITS Phase 4</b>	
Blaine Petersen, Project Manager	
<i>Status: Right-of-way activities for necessary easements have been completed. Ninety percent (90%) plan documents have been submitted to NDOT for permit process and are due to be completed by November 10, 2021.</i>	

<b>Traffic Signal Installations 22-01</b>	
Blaine Petersen, Project Manager	<a href="https://www.rtcwashoe.com/engineering-project/traffic-signal-installations-22-01/">https://www.rtcwashoe.com/engineering-project/traffic-signal-installations-22-01/</a>
<i>Status: City of Reno comments from fifty percent (50%) design are being addressed. Final plans will be submitted October 25, 2021, with advertisement scheduled by the end of 2021.</i>	

**CORRIDOR IMPROVEMENT PROJECTS**

<b>Arlington Avenue Bridges</b>	
Judy Tortelli, Project Manager	<a href="https://www.rtcwashoe.com/engineering-project/arlington-avenue-bridges-project/">https://www.rtcwashoe.com/engineering-project/arlington-avenue-bridges-project/</a>
<i>Status: Jacobs was determined as the most qualified firm to perform the next phase of the Project, which includes NEPA, Design and Engineering During Construction. Contract negotiations are underway with an award pending Board approval in November.</i>	

<b>Lemmon Drive</b>	
Judy Tortelli, Segment 1 Project Manager Dale Keller, Segment 2 Project Manager	Segment 1 - <a href="https://www.rtcwashoe.com/engineering-project/lemmon-dr-segment-1/">https://www.rtcwashoe.com/engineering-project/lemmon-dr-segment-1/</a> Segment 2 - <a href="https://www.rtcwashoe.com/engineering-project/lemmon-drive-segment-2/">https://www.rtcwashoe.com/engineering-project/lemmon-drive-segment-2/</a>
<i>Status: Segment 1 - Q&amp;D Construction (Q&amp;D) continues earthwork operations along both sides of Lemmon Drive throughout the project limits. Temporary access at the Silver State Kennels is being provided as improvements are constructed. Underground infrastructure and curb and gutter are being placed in anticipation of paving the outside travel lanes in November. The construction team is finalizing phasing discussions for the interchange improvements at Lemmon Drive and US 395.</i>	
<i>Segment 2 - The project team continues the Level 2 screening process of the top three (3) alternatives for the Segment 2 phase of the project and is engaging with stakeholders.</i>	

<b>Mill Street Widening (Kietzke Lane to Terminal Way)</b>	
Roy Flores, Project Manager	
<i>Status: NDOT, as part of Spaghetti Bowl Xpress (SBX), has submitted the Final Stage 2 Design. A traffic analysis for the project corridor is being performed by traffic consultant Headway and is expected to be complete by this November. The RTC will utilize the Stage 2 design and traffic analysis results to bring a design firm on board to complete the final design.</i>	

<b>Oddie Boulevard / Wells Avenue Improvement</b>	
Maria Paz Fernandez, Project Manager	<a href="http://oddiewellsproject.com/">http://oddiewellsproject.com/</a>
<i>Status: The RTC's contractor, Granite Construction Inc., is expected to begin construction the second week of November. Items of work include mainly underground utility within the limits of Phase 1 (Pyramid Way to Sullivan Lane in Sparks) and Phase 2 (Sullivan Lane in Sparks to Silverada Boulevard in Reno). Overall construction, including the remaining phases, is anticipated to occur over three (3) construction seasons and be complete by early 2024.</i>	

<b>Sky Vista Parkway Widening Rehabilitation</b>	
Blaine Petersen, Project Manager	<a href="https://www.rtcwashoe.com/engineering-project/sky-vista-widening-rehabilitation-project/">https://www.rtcwashoe.com/engineering-project/sky-vista-widening-rehabilitation-project/</a>
<i>Status: Right-of-way activities are underway for necessary construction easements. Utility coordination continues and will be incorporated into final design documents.</i>	

<b>Truckee River Shared Use Path</b>	
Jeff Wilbrecht, Project Manager	<a href="https://www.rtcwashoe.com/engineering-project/truckee-river-shared-use-path-project/">https://www.rtcwashoe.com/engineering-project/truckee-river-shared-use-path-project/</a>
<i>Status: Coordination efforts this month included ongoing coordination to acquire necessary rights-of-way, coordination of final design and construction efforts with NDOT and the SBX project.</i>	

**PAVEMENT PRESERVATION PROJECTS**

<b>2021 Preventive Maintenance</b>	
Scott Gibson, Project Manager	
<i>Status: As planned, the project is on schedule for completion in the fall. All pre-sealing work has been completed.</i>	

<b>Arrowcreek Parkway Rehabilitation</b>	
Roy Flores, Project Manager	<a href="https://www.rtcwashoe.com/engineering-project/arrowcreek-pkwy-rubblestone-to-virginia/">https://www.rtcwashoe.com/engineering-project/arrowcreek-pkwy-rubblestone-to-virginia/</a>
<i>Status: Nichols Consulting Engineers, CHTD, was the selected consultant to complete the design plans. The agreement was awarded at the RTC September Board Meeting and investigation of existing conditions is underway.</i>	

<b>Golden Valley Road Rehabilitation</b>	
Sara Going, Project Manager	<a href="https://www.rtcwashoe.com/engineering-project/golden-valley-road-rehabilitation/">https://www.rtcwashoe.com/engineering-project/golden-valley-road-rehabilitation/</a>
<i>Status: The project completed construction at the end of September.</i>	

<b>Kings Row Rehabilitation – Phase 1</b>	
Jeff Wilbrecht, Project Manager	<a href="https://www.rtcwashoe.com/engineering-project/kings-row-rehabilitation-project-details/">https://www.rtcwashoe.com/engineering-project/kings-row-rehabilitation-project-details/</a>
<i>Status: Sierra Nevada Construction, Inc., is half-way complete with roadway improvements. Work on the south side of the road is now underway with removal and replacement of curb, gutter and sidewalks.</i>	

<b>Kings Row Rehabilitation – Phase 2</b>	
Jeff Wilbrecht, Project Manager	<a href="https://www.rtcwashoe.com/engineering-project/kings-row-rehabilitation-project-phase-2/">https://www.rtcwashoe.com/engineering-project/kings-row-rehabilitation-project-phase-2/</a>
<i>Status: The design consultant, Lumos and Associates, Inc., has prepared the ninety percent (90%) plans, which are under review by RTC and the City of Reno. RTC has started the activities for acquiring the rights to construct the project.</i>	

<b>Newport Lane Rehabilitation</b>	
Roy Flores, Project Manager	<a href="https://www.rtcwashoe.com/engineering-project/newport-lane/">https://www.rtcwashoe.com/engineering-project/newport-lane/</a>
<i>Status: The project is under construction by Sierra Nevada Construction, Inc., and will be complete by end of October.</i>	

<b>Peckham Lane Rehabilitation</b>	
Andrew Jayankura, Project Manager	<a href="https://www.rtcwashoe.com/engineering-project/peckham-lane/">https://www.rtcwashoe.com/engineering-project/peckham-lane/</a>
<i>Status: The ninety percent (90%) design plans have been reviewed. Design is advancing towards one hundred percent (100%).</i>	

<b>Reno Consolidated 20-01 – Mayberry Drive, California Avenue, and First Street</b>	
Judy Tortelli, Project Manager	<a href="https://www.rtcwashoe.com/engineering-project/reno-consolidated-20-01-mayberry-drive-california-avenue-first-street/">https://www.rtcwashoe.com/engineering-project/reno-consolidated-20-01-mayberry-drive-california-avenue-first-street/</a>
<i>Status: The project will be advertised for construction in November after comments from the one hundred percent (100%) design package are addressed and included in the bidding package. First Street improvements, from Sierra Street to Virginia Street, are being pulled from the project and will be advertised at a later date due to the potential of replacing the traffic signal at the Sierra Street and First Street intersection.</i>	

<b>Reno Consolidated 22-01 – Sky Valley Drive and Sky Mountain Drive</b>	
Roy Flores, Project Manager	<a href="https://www.rtcwashoe.com/engineering-project/reno-consolidated-22-01-sky-valley-sky-mountain/">https://www.rtcwashoe.com/engineering-project/reno-consolidated-22-01-sky-valley-sky-mountain/</a>
<i>Status: The project is out to bid. Construction is scheduled to begin spring 2022.</i>	

<b>Reno Consolidated 23-01 – Sutro Street and Enterprise Road</b>	
Maria Paz Fernandez, Project Manager	<a href="https://www.rtcwashoe.com/engineering-project/reno-consolidated-23-01-sutro-enterprise/">https://www.rtcwashoe.com/engineering-project/reno-consolidated-23-01-sutro-enterprise/</a>
<i>Status: CA Group, Inc., was the selected consultant to complete the design plans. The agreement was awarded at the RTC September Board Meeting and preliminary design is underway.</i>	

**OTHER PROJECTS**

<b>4<sup>th</sup> Street Station Expansion</b>	
Jeff Wilbrecht, Project Manager	<a href="https://www.rtcwashoe.com/engineering-project/4th-street-station-expansion/">https://www.rtcwashoe.com/engineering-project/4th-street-station-expansion/</a>
<i>Status: Following the request for proposals, discussions and negotiations with the highest ranked firm are underway for a professional services agreement.</i>	

<b>Peppermill BRT Station</b>	
Jeff Wilbrecht, Project Manager	
<i>Status: The design team and prime consultant, Kimley-Horn, have started preliminary investigations necessary for preliminary design of the project. This includes survey, investigating existing conditions at the site, and performing a geotechnical investigation.</i>	

**REPORT ON NEGOTIATED SETTLEMENT AGREEMENTS FOR THE ACQUISITION OF PROPERTY**

<b>Project</b>	<b>Property Owner</b>	<b>Purchase Amount</b>	<b>Amount Over Appraisal</b>
Bus Stop Improvement and Connectivity Program Project	Bickerstaff Enterprises	\$1,000	\$0

**CONTRACTS UP TO \$100,000**

SPV Associates, Inc., dba OnIndus in the not-to-exceed amount of \$99,750 for cost management support services.