



SAN JOAQUIN COUNCIL OF GOVERNMENTS

555 E. Weber Avenue, Stockton, CA 95202

TECHNICAL ADVISORY COMMITTEE

Thursday, April 8, 2021

10:00 A.M.

<https://sjcog.zoom.us/j/97740373196>

Teleconference Number: 1-669-900-6833

Webinar ID: 977 4037 3196

Note: If you don't have access to a smart device or a computer with a webcam & a mic, you can dial in using the teleconference number and meeting ID above.

Attention Callers: Please mute the call unless speaking

NOTICE **Coronavirus COVID-19**

*In accordance with Governor Newsom's Executive Order N-33-20, The San Joaquin Council of Governments and staff will be participating in this meeting via teleconference. In the interest of maintaining appropriate social distancing, members of the public may participate in the meeting electronically using the Zoom link, and shall have the right to observe and offer public comment at the appropriate time during this meeting. **To be recognized to speak, please use the "raise hand" or chat feature in Zoom.***

*We have also provided a call-in number, as identified on this Agenda, and encourage you to attend by telephone. To be recognized to speak, press ***9** which will signal the moderator.*

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A G E N D A

1. Call to Order / Introductions / Roll Call

2. Minutes: March 11, 2021

3. Public Presentation

At this time, the public may address the Technical Advisory Committee on any non-agendized item that is within the subject matter of this agency. If a member of the public wishes to speak on an agenda item he or she is invited to address the Technical Advisory Committee at the time the item is up for consideration. A five-minute maximum time limit for a speaker will apply to all "items from the audience". The determination of whether an item is within the subject matter of the Committee is a discretionary decision to be made by the chair of the Technical Advisory Committee.

4. Technical Item: **B is available for action by the committee.** The left hand column identifies only recommendations from staff.

Information A. Consent Calendar Item: C

Action B. 2021 One Voice® Update (Steve Dial)

CONSENT CALENDAR

Information C. Transportation Innovation Planning Study - Draft Available for Review
(Travis Yokoyama)

5. Other Matters of Business

6. Meeting Adjourned to Thursday, May 13, 2021, at 10:00 a.m.

AGENDA ITEM 2



TECHNICAL ADVISORY COMMITTEE (TAC)
San Joaquin Council of Governments • 555 E. Weber Avenue • Stockton, CA 95202
VIA TELECONFERENCE

Thursday, March 11, 2021

MINUTES

| Present | Member Name | Jurisdiction | Present | Member Name | Jurisdiction |
|---------|-------------------|------------------|---------|--------------------|--------------------|
| | Michael Chung | SJC | | | |
| | Awni Taha | SJC | X | John Andoh | City of Escalon |
| X | Najee Zarif | SJC | X | Kimberly Gayle | SJRTD |
| | Eric Alvarez | City of Stockton | | Juan G. Villanueva | Port of Stockton |
| X | Wes Johnson | City of Stockton | | Tom Dumas | Caltrans D-10 |
| X | Dodgie Vidad | City of Stockton | X | Josh Swearingen | Caltrans D-10 |
| X | Georgia Graham | City of Lodi | | Marlon Regisford | Caltrans D-10 |
| X | Lyman Chang | City of Lodi | X | David Ripperda | SJRRC |
| | Juan Portillo | City of Manteca | | John Cadrett | SJVAPCD |
| X | Koosun Kim | City of Manteca | X | Russell Stark | Stk. Metro Airport |
| X | Anju Pillai | City of Tracy | | | |
| X | Ed Lovell | City of Tracy | | | |
| | Elizabeth Quilici | City of Ripon | | | |
| X | Michael King | City of Lathrop | | | |

Alternates/Others: Dylan Casper, SJRRC; Miguel Mendoza, Stockton; Tristan Osborin, Stockton; Dorceia Watkins, RTD.

SJCOG Staff: Steve Dial, Deputy Executive Director/CFO; Gracie Orosco, Chief Accountant; Ryan Niblock, Senior Regional Planner; Christine Corrales, Senior Regional Planner; Travis Yokoyama, Associate Regional Planner; Ashley Goldlist, Assistant Regional Planner; Katy Castro, Administrative Technician.

1. Call Meeting to Order/Introductions:

Chair John Andoh called the meeting to order at 10:02 a.m. and roll was called.

2. Meeting Minutes from February 11, 2021:

It was moved/seconded (Graham/Lovell) to approve the meeting minutes from February 11, 2021. Motion passed unanimously by voice vote.

3. Public Presentation:

None.

4. Technical Items for Discussion and Action: B through F

Consent Calendar: None

B. Proposed Final FY 2021-22 Overall Work Program

Steve Dial reported that board adopted the OWP in a draft. To date, there have been no comments received. The final version of the OWP may not look exactly as presented today. For example, the final will include SB1 funding for the City of Lodi

Greenline project, and a true-up of both Freeway Service Patrol and Congestion Management funds. However, the substantive content regarding the work effort anticipated for the coming fiscal year is the same. Furthermore, staff will continue to take comments.

Najee Zarif asked for clarification regarding the Comprehensive Vision for Electric Vehicles and Alternative Fuels in San Joaquin County and Economic Modeling for Policy Development. Ryan Niblock stated that those are efforts for the kick-off of the Regional Transportation Plan.

It was moved/seconded (Ripperda/Graham) to recommend board approval of proposed final FY 2021/22 OWP. Motion passed unanimously by voice vote.

C. FY 2021-22 State Transit Assistance (STA) Apportionment Schedule

Steve Dial stated the total State Transit Assistance (STA) this year is up by \$1,626,047 from last fiscal year's revised estimate. This largely is due to a statewide increase in the STA fund. In FY 20/21, the statewide fund was \$413,595,000 split 50/50 between 99313 and 99314 (\$206,847,500 each). The FY 21/22 statewide revenue estimate is \$549,330,000 split 50/50 between 99313 and 99314 (\$274,665,000). The total year-to-year statewide is up as compared to the FY 20/21 revised estimate by \$135,635,000 or +24.7%. It is important to note these population and revenue estimates would be based upon pre-COVID-19 data. The final estimate later in the year will likely have adjustments impacted by COVID-19.

It was moved/seconded (Lovell/Graham) recommend to the Board adopting the preliminary FY 21-22 STA Estimated Revenue and Apportionment Schedule. Motion passed unanimously by voice vote.

D. 2021 Regional Active Transportation Program (ATP) Programming

Ryan Niblock announced that the SJCOG Board elected to undertake a combined call-for-projects, which would be funded from Active Transportation Program (ATP) Cycle 5 funds, Measure K funds, and funding set aside from the Congestion Mitigation and Air Quality (CMAQ) Improvement Program for active transportation. In total, \$18,352,000 would be made available. A scoring committee has reviewed applications totaling approximately \$52 million and has made recommendations for programming the \$18,352,000.

Najee Zarif asked for clarification on the additional \$3,243,490. Ryan Niblock stated SJCOG staff asked for the amount of money that would cover the ATP timeline. Mr. Zarif expressed his concerns about partially funding projects.

It was moved/seconded (Johnson/Pillai) to recommend (1) approve the scoring committee's recommendation to program the \$18,352,000 in funding. (2) provide input (and/or recommended action) to board regarding additional recommendations by the scoring committee to expand funding available up to \$3,243,490.

E. Transportation Innovation Planning Study

Travis Yokoyama gave a PowerPoint presentation. He stated the San Joaquin Council of Governments (SJCOG) is conducting a Transportation Innovation Planning Study (Innovation Study). The Innovation Study is meant to better prepare SJCOG with background information and potential innovation-inspired strategies for the 2022 Regional Transportation Plan / Sustainable Communities Strategy (RTP/SCS) and beyond. In addition, the Innovation Study will recommend a near-term pilot project and potential funding opportunities that will move the study toward implementation.

Dodge Vidad asked for clarification on the rapid fiber optic. Travis Yokoyama stated staff is talking about laying the plan that will help assist jurisdictions to understand fiber optic to improve internet connection.

This item is for discussion only.

F. Draft Integrated Ticketing Study Report

Ashley Goldlist reported that the purpose of the study was to create a simple and connected transit experience for riders and to examine how integration could be applied to San Joaquin County. This was accomplished through extensive research of ticketing options and the creation of the Integrated Ticketing Working Group (ITWG). For several years, SJCOG and the ITWG learned about existing ticketing options, determined the priorities & the costs of primary features of integrated ticketing options, and ensure the integrated ticketing feasibility study moved forward. The working group determined that the transit experience would be enhanced via a mobile ticketing application.

Ed Lovell commented on a typo on the staff report. He stated it should be Manteca Transit and Tracy Tracer. Ms. Goldlist stated that she will make the corrections.

5. Other Matters of Business:

Steve Dial gave a verbal update on the One Voice®. He stated the One Voice® timeline was too compressed and was going to leave TAC out of the approval process. Staff will be bringing back the proposed projects to the TAC in April. The virtual One Voice® will be moved to May and the second one in June.

6. Adjournment: There being no further business to discuss, the meeting was adjourned at 10:50 a.m. to Thursday, April 8, 2021.

AGENDA ITEM **4B**



April 2021
TAC

STAFF REPORT

SUBJECT: 2021 One Voice® Update

RECOMMENDED ACTION: Recommend to the Board Projects Identified for Each Thematic Element

SUMMARY:

Previously staff provided the board with a road map for the 2021 One Voice® effort. This included developing legislative themes, conducting a call for projects, and conducting two virtual “fly-ins”, one in April, and the other in June. In February the board adopted the themes and authorized the call for projects. Those projects were due March 15th, with a proposed Board action for a priority project list on March 25th.

However, at the March SJCOG Board meeting, staff noted that additional time was necessary to receive requests and then review them in accordance with the thematic policy areas approved by the SJCOG Board. The revised schedule for the 2021 One Voice® effort is as follows:

- March 15 – Proposed projects due
- April 8, 16, 21 – TAC, Executive, M&F, Citizens committees review
- April 22 – SJCOG Board adopts regional priority projects
- Week of May 3 or May 10 – Virtual One Voice®
- June (TBD) – Second Virtual One Voice®
- October 18-21 – Travel to DC for in-person One Voice®

Regional Priorities / Thematic Concepts:

The One Voice® platform provides an opportunity to highlight specific projects and programs crucial to improving infrastructure and transportation choices in San Joaquin County. For the 2021 One Voice® program, staff is recommending that projects be aligned based on thematic concepts:

- Environmental Sustainability – projects whose core features improve air quality, reduce vehicle miles traveled, and are responsive to climate change/resiliency goals.
- Trade Corridors – projects which foster goods movement, commerce, or enhance/eliminate barriers to trade.
- Innovation and Technology – strategies/projects that capture cutting-edge technology investments.
- Growth Management – projects which strengthen connections to housing and have strong, direct connectivity to economic development.

- Social Equity and Mobility – investments that provide options for disadvantaged communities.

Thirteen projects have been received from member agencies and Mountain House.

Proposed One Voice® projects:

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| Project: | North Lathrop Transfer Station |
| Agency: | San Joaquin Regional Rail Commission |
| Request: | \$25,000,000 |
| Thematic Element(s): | Environmental Sustainability Trade Corridors |
| Description: | The North Lathrop Transfer Station is located along the existing ACE route on the Union Pacific Railroad (UPRR) Fresno Subdivision and is required to facilitate the extension of the ACE service to Sacramento and Ceres/Merced. To provide ACE service at this new station, new station tracks and a station platform will be constructed to allow trains to pull into the station and passengers to board and disembark the train. A pedestrian overcrossing will be constructed between the surface parking area and the station platform, crossing over the railroad tracks. To meet parking demands generated by ACE service at this new station, a new surface parking lot will be constructed directly east of the station platform on the southern portion of the Sharpe Army Depot. Vehicle access to the station will be provided by modifying the existing three-way intersection of West Lathrop Road and McKinley Avenue to extend McKinley Avenue into Sharpe Army Depot, providing the opportunity to improve access to the rest of the property for economic development. |

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| Project: | Solar Energy and Battery Storage Project – Phase 2 |
| Agency: | San Joaquin Regional Transit District (RTD) |
| Request: | \$6,625,000 |
| Thematic Element(s): | Environmental Sustainability Trade Corridors Innovation and Technology Growth Management Social Equity and Mobility |
| Description: | The RTD Solar Energy and Battery Storage Project (Phase 2) is a culmination of two zero-emission technologies to include photo-voltaic (PV) solar energy generation and zero-emission buses. This synergistic package will be designed to make a significant impact on local air quality while supporting the sustainability of the RTD transit system. The projection of such impacts is by way of operational cost savings and the continuity of RTD’s growing, zero-emission bus fleet. |

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| Project: | Grant Line Corridor Improvement Project |
| Agency: | San Joaquin County |
| Request: | \$14,577,000 |
| Thematic Element(s): | Trade Corridors Social Equity and Mobility |
| Description: | Grant Line Road is a minor arterial traversing east-west between I-580 and I-5 parallel to I-205 through the City of Tracy and the unincorporated community of Banta in San Joaquin County. The City of Tracy widened its portion of Grant Line Road from 2 to 6 lanes to accommodate the projected traffic from the adjacent 900 acres of industrial/warehouse development. Traffic on Grant Line Road is projected to increase from 7,000 vehicles per day to 21,000 vehicles per day, with approximately 16% of the increase resulting from heavy truck traffic. The Grant Line Road Corridor Improvement Project is considered critical to fostering goods movement and supporting economic development, improving air quality through congestion relief, enhancing safety, and improving the quality of life for the disadvantaged community of Banta. The project limits run from the eastern city limits of Tracy to Eleventh Street. The project alignment has been developed to bypass the small, unincorporated community of Banta, where Grant Line Road cannot accommodate the expected 21,000 vehicles per day. |

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| Project: | Interstate 205 Managed Lanes Project |
| Agency: | San Joaquin County |
| Request: | \$26,000,000 |
| Thematic Element(s): | Environmental Sustainability Trade Corridors Social Equity and Mobility |
| Description: | Interstate 205 (I-205) is an Interstate Highway in California that connects Interstate 5 (I-5) on the east to Interstate 580 on the west, serving as a critical connection from the Central Valley to the San Francisco Bay Area. This Project consists of the construction of one HOV freeway lane in both the westbound and eastbound directions on I-205 between the Alameda County Line at post mile (PM) 0.0 and I-5 located at PM R12.5 in San Joaquin County. Median openings between 22 bridges crossing local arterials, railroads, or waterways would be closed, resulting in 11 joined bridges. The existing auxiliary lanes, acceleration lanes, and deceleration lanes would be perpetuated. The purpose of the project is to reduce congestion and delay, encourage HOV, improve regional mobility, improve freight movement, improve corridor travel times, and increase corridor throughput of people and goods. |

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| Project: | Stockton Metropolitan Airport Cargo Apron Expansion |
| Agency: | San Joaquin County |
| Request: | \$11,000,000 |
| Thematic Element(s): | Trade Corridors |
| Description: | In order to meet current demand and attract future air cargo service providers, the Airport needs to expand its existing cargo ramp. This project would increase cargo aircraft parking capacity from four to eight 767-cargo planes and is the cornerstone for the development of the Northside (Highway 99 side) of the airport. Completion of this project would not only make the Airport more attractive to additional cargo operators and potential Maintenance Repair Overhaul providers, but it could also have positive impacts on the Airpark 599 project that is currently underway by the County. |

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| Project: | Mountain House Technology and Security System Project |
| Agency: | Mountain House Community Services District |
| Request: | \$1,092,100 |
| Thematic Element(s): | Innovation and Technology |
| Description: | The proposed project will add a combination of License Plate Reader (LPR) cameras at the entry points to the community, multi-sensor cameras, and Pan-Tilt-Zoom (PTZ) cameras at major intersections, near parks, and schools, and future commercial sites. The system will use a combination of wireless and hardwired fiber optics communication systems. The District has prepared a Master Plan and will be moving forward with the implementation of the first phase of the project. This request will provide funding for the current build-out and communication network. |

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| Project: | Mountain House Creek Enhancement Project |
| Agency: | Mountain House Community Services District |
| Request: | \$1,092,100 |
| Thematic Element(s): | Environmental Sustainability |
| Description: | Mountain House Creek flows approximately 3 miles through the town of Mountain House, California, in a man-made corridor bordered by the town of Mountain House on both sides of the corridor. The creek corridor includes three maintenance zones, each with distinct maintenance procedures and regulatory requirements. The proposed project will revitalize the stormwater conveyance corridor, including the repair of the existing areas, improvements to the access, which has been severely limited, especially in the lower creek area, and modification of the access points and roads/trails that must be rebuilt. The project will enhance this facility, which has a significant role in stormwater management for Mountain House, as well as restoring the area for recreational use and natural habitat consistent with the creek permitting requirements. |

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| Project: | Lathrop Road / Interstate 5 Interchange Improvement Project |
| Agency: | City of Lathrop |
| Request: | \$5,000,000 |
| Thematic Element(s): | Trade Corridors Social Equity and Mobility |
| Description: | The project would widen Lathrop Road to three through lanes in each direction. New loop onramps to I-5 would be constructed, for both northbound and southbound traffic. Off ramps would be widened, with new signalized intersections. Retaining walls would be constructed to accommodate the roadway widening. Auxiliary lanes would be constructed on I-5 in both directions. The interchange will be designed to accommodate traffic volumes for a forecast year of 2035, in accordance with the Regional Transportation Plan. The funds requested with this Appropriation will be used to complete the Final Design phase. The City anticipates this work would be completed within 2-3 years of receiving funds. |

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| Project: | Louise Avenue / Interstate 5 Interchange Improvement Project |
| Agency: | City of Lathrop |
| Request: | \$5,000,000 |
| Thematic Element(s): | Trade Corridors Social Equity and Mobility |
| Description: | The project will widen Louise Avenue to three through lanes in each direction, accommodating a new left turn onto the northbound on-ramp and a new loop onramp to southbound I-5. All on and off-ramps will be widened with new signalized intersections. Retaining walls would be constructed to accommodate the roadway widening. Auxiliary lanes would be constructed on I-5 in both directions. The interchange will be designed to accommodate traffic volumes for a forecast year of 2035, in accordance with the Regional Transportation Plan. The funds requested with this Appropriation will be used to complete the Final Design phase and will fund the majority of the Land Acquisition for this project. The City anticipates this work would be completed within 2-3 years of receiving funds. |

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| Project: | Lower Sacramento Road Corridor |
| Agency: | City of Stockton |
| Request: | \$35,000,000 |
| Thematic Element(s): | Environmental Sustainability Growth Management |
| Description: | Currently, Lower Sacramento Road is a two-lane arterial road with no median. The proposed project will widen Lower Sacramento Road to four lanes to meet the vehicular demands that Lower Sacramento Road currently experiences as well as for future projected vehicular demands. The project will include the replacement of the two-lane bridges spanning Bear Creek and Pixley Slough which were constructed in 1963 and 1940, respectively. The proposed project will eliminate vehicle delays, reduce vehicle emissions, and eliminate the remaining bottlenecks between Stockton and Lodi along Lower Sacramento Road. The project will also encourage alternate modes of transportation with the incorporation of sidewalks and bicycle lanes. |

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| Project: | Arch Road Widening |
| Agency: | City of Stockton |
| Request: | \$6,000,000 |
| Thematic Element(s): | Trade Corridors |
| Description: | <p>The Arch Road Widening project is an important east-west trade corridor serving Stockton's south industrial developments, BNSF Intermodal Facility, Stockton Metropolitan Airport, and the Port of Stockton via I-5. The project includes widening Arch-Airport Road between Austin Road and Performance Drive to a four-lane roadway. Improvements include installation of concrete curb, gutter, sidewalks, and driveways on both sides, widening narrow sections to a four-lane roadway with a middle turn pocket lane, installing ADA wheelchair ramps, new streetlights, new storm drain facilities, striping and signing, and traffic signal modifications.</p> <p>Many logistical companies have been established in this southern area of the City and future development is anticipated. However, much of the Arch Road transportation network will need to be improved to support increased trucking volumes that are expected with future logistical developments. Arch Road between Performance Drive to Austin Road is presently two lanes and will need to be widened to four lanes to allow for efficient transport of goods to and from the various facilities along Arch Road and to Interstate 5 and Highway 99.</p> |

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| Project: | North Stockton I-5 Interchanges and Widening |
| Agency: | City of Stockton |
| Request: | \$3,000,000 |
| Thematic Element(s): | Trade Corridors Growth Management |
| Description: | <p>Interstate 5 is California's premier commercial route and serves the Port and rail connections in Stockton. The North Stockton I-5 project will directly benefit the local and regional economy by improving the flow of goods and services to and from major multi-modal facilities such as the Stockton Metropolitan Airport, the Port of Stockton, and existing and future industrial, commercial, and public establishments. This request will provide for the completion of the engineering design for the Phase 2 widening of I-5 from Hammer Lane to Eight Mile Road. Phase 1 is widening I-5 for a High Occupancy Vehicle (HOV) lane from Country Club Boulevard to Hammer Lane and restriping the median to an HOV lane between Martin Luther King Jr. Boulevard and Country Club Boulevard. The overall project will ultimately provide freeway and interchange improvements on a 12-mile segment of I-5 between Martin Luther King Jr. Boulevard and one mile north of Eight Mile Road.</p> |

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| Project: | State Route 99/120 Interchange Project |
| Agency: | SJCOG |
| Request: | \$20,000,000 |
| Thematic Element(s): | Trade Corridors Growth Management Innovation and Technology Social Equity and Mobility |
| Description: | State Route 120 provides a critical connection for the movement of people and goods in and out of the San Joaquin Valley. However, the State Route 99/120 freeway-to-freeway interchange is subject to significant congestion, delays, and high accident rates. This project will expand and reconstruct the existing State Route 99/120 interchange to relieve traffic congestion and improve operations of SR 99 along with the SR-120 and Austin Road interchanges. This area continues to be of great concern to Manteca leaders and residents due to the excessive number of automobile collisions, injuries, and deaths within this six-mile stretch of highway. In addition to the accident rate, the delays associated with this interchange are a significant impediment to the economic growth in the region. |

RECOMMENDATION:

Recommend to the Board projects identified for each thematic element for the 2021 One Voice®.

FISCAL IMPACT:

None at this time.

Prepared by: Ryan Niblock, Senior Regional Planner

AGENDA ITEM **4C**



April 2021
TAC

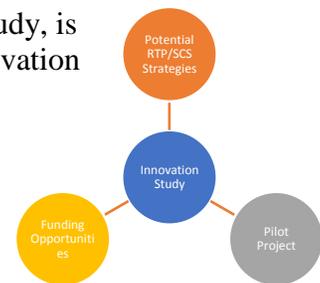
STAFF REPORT

SUBJECT: Transportation Innovation Planning Study
Draft Available for Review

RECOMMENDED ACTION: Information

SUMMARY:

A draft of the Transportation Innovation Planning Study, or Innovation Study, is currently under review by the Innovation Study Working Group. The Innovation Study better prepares SJCOG for a future with various advancements in technology by supplying background information; including funding opportunities, and potential innovation inspired strategies for the 2022 Regional Transportation Plan / Sustainable Communities Strategy (RTP/SCS) and beyond. In addition, the Innovation Study includes a recommendation for a near-term pilot project.



Last month, staff took a discussion item through SJCOG standing committees and Board to gather thoughts on the potential strategies and recommended pilot project for the Innovation Study. All the committees and Board expressed support and positive feedback for the study. For more information, please refer to the [March 2021 Board staff report](#).

The full document is available to download at: <https://www.sjcog.org/497/Transportation-Innovation-Planning-Study>

BACKGROUND

As part of the 2018 SJCOG RTP/SCS adoption, SJCOG committed fiscal year 19/20 Senate Bill (SB) 1 planning funds (Caltrans Sustainable Transportation Planning – Sustainable Communities Grant) toward studies or analyses to gain a better understanding of emerging issues for future transportation planning. One emerging issue identified was researching innovations/technologies in transportation. Prior to undertaking the study, staff sought standing committees and board input in May 2019 through an emerging policy issue briefing report and presentation. The report can be found here: [Autonomous Vehicles Policy Briefing](#).

NEXT STEPS:

- The final Transportation Innovation Planning Study will be available in May/June 2021
- Post completion discussion with Kittelson on incorporating the Transportation Innovation

Planning Study's findings and policies/strategies into 2022 SJCOG RTP/SCS

- Begin procurement process for pilot project (Grant funds sunset February 2022)

Prepared by: Travis Yokoyama, Associate Regional Planner