

STAFF REPORT

SUBJECT: San Joaquin One Voice® Regional Project Submissions

RECOMMENDED ACTION: (1) Approve the Regional Project Requests for the 2017 San Joaquin One Voice® Program and
(2) Approve Selection of Seven Projects as SJCOG Priorities

DISCUSSION:

SUMMARY:

SJCOG has received 23 Regional Project requests in response to the Call for Projects circulated in October 2016 for the 2017 San Joaquin One Voice® program.

The County and the city of Stockton submitted three requests for federal funding. The cities of Tracy, Lathrop, Manteca, and Ripon all submitted two requests and the city of Lodi submitted one request. Additionally, Stockton East Water District, the San Joaquin Rail Commission, the Port of Stockton, the San Joaquin Regional Transit District, and the Ripon Community Athletic Foundation, submitted requests for inclusion in the 2017 program.

From this pool of projects, the SJCOG Board historically selects a short list of projects as overall priorities for the region.

RECOMMENDATION:

SJCOG staff recommend the Board approve the list of project requests for the 2017 San Joaquin One Voice® program, as identified in Attachment 1, and approve the selection of SJCOG priorities as outlined below.

FISCAL IMPACT:

Approval of the project requests will have no impact to SJCOG OWP. Earmarks are not expected in the 2017 budget; however funding allocations are available from departments and through grants. The status of requests for federal funding for some projects will not be known until next fiscal year.

DISCUSSION:

As shown in Attachment 1, 23 project requests were submitted to SJCOG for the 2017 program. For the selection of regional priorities, staff is continuing a multi-modal approach that also recognizes the importance of highway infrastructure projects under the current Administration.

SJCOG staff's recommendation to the standing advisory committees this month included a rail project, an airport project, and a port project. In addition, staff presented four highway interchange projects that meet the regional priority criteria for regional benefit, project readiness, FASTLANE potential, and funding match.

Based upon the input and feedback from the Technical Advisory Committee to expand the roadway category to include all four of the 4 interchange projects, staff is recommending the Board approve a list of 7 projects as the top regional priorities:

County – SMA (Stockton Metropolitan Airport) Upgrade to CAT II Instrument Landing System

Between \$4 (special authorization CAT II) to \$5 million (full CAT II) from FAA to provide, maintain, and operate a CAT II Instrument Landing System to modernize the airport and provide safer conditions for landing during seasonal fog conditions.

- The SMA has the potential to be a major transportation hub
- SMA is poised for job creation and economic activity in the region due to commercial service, air cargo, and agriculture goods exports

SJRRC – Stockton Freight and Passenger Rail Mobility Enhancement

\$10.3 million request to construct a 1.3 mile track extension to connect the Cabral Rail Station to the ACE Rail Maintenance Facility and a new track connection between the UP Fresno Subdivision and BNSF Stockton Subdivision, improving access to the Port of Stockton.

- Rail staff submitted a FASTLANE application in late 2016 that combined two significant rail projects: Stockton Wye and Passenger Track Extension
- Regional significance and benefit: lower operating costs for trains serving the Port, reduced train blockage at at-grade crossings, improved passenger and freight train reliability, and reduced freight interference.

Port – West Complex Access Improvements

\$2 million for preliminary /final design, environmental documentation, and right of way for Navy Drive widening and the construction of an overcrossing at the UPRR/BNSF/CCTC tracks leading into the West Complex.

- Project supports the SR 4 Extension project goals of removing industrial truck traffic from Boggs Tract residential neighborhood and improving air quality
- Improves safety and security at the Port complex
- Supports short sea shipping efforts as part of the Marine Highway corridor
- Jobs Creation / Economic Viability / Goods Movement – through increased Port exports

Manteca - State Route 99 / 120 Connector Project

\$17 million for improving the connection between SR 99 and SR 120 with an associated widening for SR 99 will help mitigate a public safety emergency at a high-accident-rate location. SJCOG is the lead agency for the project study.

- Highway to highway interchange that links the Bay Area to the San Joaquin Valley
- Supports economic viability / goods movement – through reconfiguration of the interchange and ramp and bridge upgrades
- Significant safety issues resulting from congestion and high accident rates
- 7 years/6 miles/ 1261 collisions/815 injuries/11 fatalities
- Delays impediment to economic growth in the region

Tracy – Mountain House/International Parkway (Tracy)

\$5 million for plans, specifications, and PSE's/right of way acquisition for overcrossing updates at I-205 and I-580, and bridge and roadway widening on Mountain House Parkway to increase freight capacity.

- Major arterial connecting I-580- and I-205 (intermodal/goods movement)
- Job creation – IPC at buildout will create 30K jobs
- National significance because it directly accesses 2 routes on the National Highway Freight Network
- FAST LANE potential

County – Grant Line Corridor Improvement Project

\$25 million for design and right-of-way to improve key intersections at Banta Road and Bird Road, and widen the roadway to four travel lanes.

- Major arterial for goods movement – connects to the Tracy industrial park
- Higher than statewide average for accidents (double)
- High level of truck traffic (16%)
- Traffic volumes are projected to triple in the next couple of years
- FAST LANE funding opportunity when environmental is complete

Stockton – North Stockton I-5 Interchanges and Widening – Phase 2

\$2.5 million for the completion of Phase 2 widening design, new I-5/Otto Drive interchange final design, and auxiliary lanes design between Hammer Lane and Otto Drive.

- Stockton has ranked this #1 – due to the regional significance
- Major north-south arterial through county
- Reconfiguring the interchanges at Eight Mile/Hammer Lane - economic driver for the area
- New interchange at Otto Drive is important to alleviate traffic impacts that develop as new development comes in

BACKGROUND:

The One Voice® trip to Washington, D.C. has been in effect for 16 years. Our efforts are positively recognized at the federal level and we have a great story about what we have accomplished through our collaborative approach and the working relationships established with our federal representatives. We can directly point to over \$105 million in additional federal

revenues that has come to San Joaquin County because of the One Voice® effort. And, that doesn't include the indirect dollars that have come here from other activities that local jurisdictions have been able to capitalize on, such as Neighborhood Preservation funds and competitive grant opportunities.

Annually, 35-40 elected officials, business leaders, and community advocates from our region participate in the program and many have found it to be an excellent team building opportunity. The trip is an excellent opportunity for elected officials and business leaders to promote and learn about the needs in other communities throughout San Joaquin County.

Although Congress stopped earmarking funds in 2010, the federal government still distributes hundreds of billions of dollars through formula and discretionary programs. The San Joaquin One Voice® group takes this opportunity to receive counsel from legislators, legislative staff, and the administration about the various federal programs and how we can successfully compete in the grant process. We still highlight our projects where possible and make every effort to educate the participants on funding opportunities that may be available through discretionary grant and incentives programs.

COMMITTEE ACTIONS:

- *Technical Advisory Committee* – Unanimously approved a recommendation to include the 7 projects identified as regional priority projects.
- *Management and Finance Committee* – had not met at the time of writing this staff report.
- *Citizens Advisory Committee* – had not met at the time of writing this staff report.
- *Executive Committee* – had not met at the time of writing this staff report.

NEXT STEPS:

Staff will use the project list and regional priority selections to develop handouts for the April 2017 trip. A pre-trip planning meeting will be scheduled in April for attendees. The draft schedule and other details can be found on our website at www.sjcog.org/onevoice.

ATTACHMENTS:

1. Draft 2017 SJCOG Regional Project Summary List

2017 One Voice® Project List	Federal Request	Total Project Cost
City of Lathrop		
Louise Avenue/Interstate 5 Interchange Improvement Project	\$ 5,000,000	\$ 24,500,000
This project would widen Louise Avenue to three through lanes in each direction, accommodating a new left turn onto the northbound on ramp, create a new loop on ramp to southbound I-5, widen all off ramps with new signaled intersections, construct retaining walls, and auxiliary lanes in both directions. Funds will be used to complete the final design phase and will fund the majority of the Land Acquisition for this project.		
Lathrop Road/Interstate 5 Interchange Improvement Project	\$ 5,000,000	\$ 38,300,000
This project would widen Lathrop Road to three lanes in each direction, create new loop onramps to Interstate 5, widen off-ramps, construct retaining walls to accommodate the roadway widening, and will accommodate traffic volumes for a forecast year of 2035. Funds will be used to complete the Final Design phase which includes PSR, Environmental, Final Design, and partial Right-of-Way costs. The City anticipates the this work would be completed within 2-3 years of receiving funds.		
City of Lodi		
State Route 99 / Turner Road Interchange Improvements	\$ 4,905,000	\$ 5,455,000
This project would increase the safety and operation of the Turner Road interchange while enhancing the accessibility to the City's Cherokee Lane corridor, the downtown business area, and Turner Road which is a designated STAA route. The proposed project consists of constructing various improvements to the southbound SR 99/Turner Road Interchange. The improvements include realigning the existing off and on ramps and utilizing a round-about feature to provide free flowing channelization of vehicles exiting the freeway toward either Turner Road or Cherokee Lane; or providing access to vehicles entering SR 99 without the need for ramp signalization. Federal funds will replace the STIP funds that are no longer available for the project.		
City of Manteca		
SR 99/120 Connector Project	\$ 17,000,000	\$ 36,800,000
This project will improve safety and reliability for the traveling public and timely and reliable movement of commercial goods from agricultural and manufacturing centers. Improving the connection between SR 99 and SR 120 with an associated widening of SR 99 will help mitigate a public safety emergency at a high accident rate location. SJCOG is co-sponsoring this project as the lead agency.		
SR120/McKinley Interchange Project	\$ 7,700,000	\$ 40,200,000
This project will convert the existing grade separation at McKinley Avenue to a full diamond interchange which will provide improved access to Highway 120 for growing industrial and commercial enterprises in the cities of Manteca and Lathrop. The planning and environmental has been complete and final design and right of way acquisition are beginning. Funds will be used to fully fund construction.		

2017 One Voice® Project List	Federal Request	Total Project Cost
City of Ripon		
Ripon Multi-Modal Station	\$ 750,000	\$ 5,800,000
<p>The City of Ripon is proposing to construct a 7,000 sf multi-modal station near downtown Ripon. On and off-site improvements for the 3.25 acre project area include: 150 off-street parking spaces, a bus loading and staging area, and a future rail platform for the ACE Train. The Ripon bikeway network will also be incorporated into the project. This multi-modal station would provide a number of benefits, not only to the residents of Ripon, but the region. Funding would be used to secure the right of way and complete the preliminary engineering.</p>		
Ripon Surface Water Project	\$ 4,500,000	\$ 6,800,000
<p>The City of Ripon serves water to 15,000 residents along with businesses and industries located within the city limits. The purpose of this project is to supplement the City of Ripon's municipal water supply with treated surface water from the South San Joaquin Irrigation District (SSJID) by constructing a 5-mile pipeline from the SSJID existing surface water transmission pipeline to Ripon's water distribution system, along with a booster pump station. This project will conserve groundwater through in-lieu recharge and provide safe drinking water to Ripon's community.</p>		
County of San Joaquin		
Stockton Metropolitan Airport - Upgrade to CAT II Instrument Landing System	\$ 4 - 15 million	\$ 4 -15 million
<p>SMA is requesting the Federal Aviation Administration provide, maintain, and operate a CAT II Instrument Landing System (CAT II ILS), upgrading the existing CAT I ILS system currently in place. The CAT II ILS is a critical project that will modernize the Airport, and will provide safer conditions for landing aircraft during seasonal fog occurrences. The project is seeking Congressional support to require the FAA to upgrade the existing ILS at the Airport to CAT II capabilities. FAA funding needed is between \$4 million (special authorization CAT II) to \$15 million (full CAT II).</p>		
State Route 4 Corridor Improvements	\$ 15,000,000	\$ 20,000,000
<p>This project will widen the existing two-lane highway to four lanes between the City of Stockton and Byron Road (future SR 239) near Contra Costa County. In addition to enhancing safety an improving traffic operations as well as capacity for goods movement and commuting, the improvements will improve SR 4 as a flood evacuation routes, as was the case in June 2004. Funding will be used for studies and environmental analysis of the entire SR 4 corridor within western San Joaquin County.</p>		
Grant Line Corridor Improvement Project	\$ 25,520,000	\$ 29,000,000
<p>This project will improve key intersections at Banta Road and Bird Road and widen the roadway to four travel lanes to meet additional demand and facilitate safe and efficient traffic operations. Several alignments have been developed, and public review and comments have been solicited to develop a Preferred Alternative for the project. This process will be completed in 2017. Funds will be used for Design and Right-of-Way procurement, followed by Construction.</p>		

2017 One Voice® Project List	Federal Request	Total Project Cost
City of Stockton		
North Stockton I-5 Interchanges and Widening - Phase 2	\$ 2,550,000	\$ -
<p>This is a multi-phased project that will construct a new I-5 interchange connection at Otto Drive, modify two existing interchanges at Hammer Lane and Eight Mile Road, and widen mainline I-5 to eight lanes from Country Club Boulevard to Eight Mile Road. Phase 1 of the project started construction in fall 2011 to widen I-5 to eight lanes from Country Club Boulevard to Hammer Lane. Phase 1 was completed in 2016. Phase 2 of the project (widen I-5 to eight lanes from Hammer Lane to Eight Mile Road) is 65 percent designed, while the design for the future I-5/Otto Drive interchange is 35 percent complete. Funds will be used to complete the Phase 2 widening design, I-5/Otto Drive interchange final design, and the design of the auxiliary lanes from Hammer Lane to Otto Drive interchange.</p>		
Lower Sacramento Road Corridor	\$ 35,000,000	\$ 35,000,000
<p>The project will widen the Lower Sacramento Road Corridor from Royal Oaks Drive to Pixley Slough (and complete the widening of this important regional arterial). Other improvements along this corridor include the replacement of the bridge over Bear Creek and Pixley Slough, as well as intersection improvements at Eight Mile Road. These improvements will tie into the new Lower Sacramento Grade Separation Underpass project and the San Joaquin County's Lower Sacramento Road Widening project (currently in construction). Funds requested represents the estimated total project cost.</p>		
Miner Avenue Downtown Improvement	\$ 11,311,500	\$ -
<p>This project, developed in partnership with the San Joaquin Regional Rail Commission, will upgrade and transform a ten-block section of Miner Avenue into a "Complete Street" between Center Street and the Cabral Rail Station (approximately \$4,469,000 has been funded through ATP grant funds). Travel lanes will be reduced to one in each direction. Turn lanes at major intersections, bicycle lanes, and improved pedestrian facilities will be added. Parking will be changed from diagonal to parallel. In general, the improvements will revitalize a blighted corridor in the City's core and serve as an economic catalyst project, enhance safety and property values, and return Miner Avenue to its historic status as a major downtown destination.</p>		
San Joaquin Regional Transit District		
RTD Solar Energy Project	\$ 4,625,000	\$ 10,000,000
<p>This project will install solar energy panels, associated infrastructure, and battery storage equipment at RTD's maintenance/operations and administration facilities for the purpose of supporting RTD zero-emission electric buses, reducing operating costs, and improving air quality. The project is in the development phase until funding is secured.</p>		

2017 One Voice® Project List	Federal Request	Total Project Cost
City of Tracy		
I-205 Lammers Road Interchange Improvements	\$ 5,000,000	\$ 62,000,000
This project consists of the construction of a new interchange at Lammers Road and I-205 in the City of Tracy. Completion of this project will improve a major commuter route and improve freight mobility between the Central Valley and Bay Area. The project will also improve access to the 1,800 acre Prologis International Park of Commerce business park, creating jobs and strengthening the regional goods movement and manufacturing economy.		
International Park of Commerce (IPC): Interchange & Parkway Improvements	\$ 5,000,000	\$ 68,000,000
The IPC is an industrial, retail and office park comprised of approximately 1,800 acres. The IPC at buildout will create a projected 30,000 jobs and is expected to include over 28 million square feet of buildings. Total improvements include an overcrossing Upgrade of Interstate 205 and Mountain House Parkway; overcrossing upgrade of Interstate 580 and Mountain House Parkway; bridge and roadway widening of Mountain House Parkway at the Delta Mendota Canal; bridge and roadway widening of Mountain House Parkway at the California Aqueduct; and the widening of Mountain House Parkway of the local roadway to increase freight capacity. Funding of this request would be used for Plans, Specifications and Cost Estimates (PSE's) and/or acquisition of right of way depending on project needs.		
Port of Stockton		
West Complex Access Improvements	\$ 2,092,000	\$ 14,312,000
This project will widen Washington Street from 2-4 lanes from the Navy Drive and Washington Street intersection east to the Port property limits, and construct an overcrossing at the shared UPRR/BNSF/CCTC tracks leading into the West Complex entrance. The project would improve safety and improve air quality by eliminating an existing at-grade rail crossing at the West Complex entrance, and reconfiguring a key intersection to maximize throughput of Port-bound truck traffic. Funds requested are for preliminary/final design, environmental documentation, and right of way.		
West Complex Overweight Corridor	\$ 1,400,000	\$ 4,400,000
This project will repave five miles of existing roads on the West Complex thereby creating an opportunity for the volume of goods to be transported by the MH580 Marine Highway Phase 2. This project will allow new customers to use the port of Stockton as their logistical center. The job estimates on this project are 50 new rail/train jobs, 42 Vessel jobs, and 18 labor jobs. The upstream and downstream jobs are based on the economic multiplier of 2.5% or 100 jobs. funds will be used for construction and construction engineering.		

2017 One Voice® Project List	Federal Request	Total Project Cost
San Joaquin Regional Rail Commission		
Stockton Freight and Passenger Rail Mobility Enhancement	\$ 10,340,000	\$ 30,140,000
<p>This project will construct a dedicated 1.3 mile passenger track to connect the Cabral Rail Station to the ACE Rail Maintenance Facility and a new track connection between the UP Fresno Subdivision and BNSF Stockton Subdivision, improving access to the Port of Stockton. The project will reduce delays at grade crossings, lessen congestion delays of freight and passenger trains, and provide increased opportunities for development of the Port of Stockton as a goods movement and manufacturing hub. This project was submitted as a FASTLANE application in late 2016.</p>		
Ripon Community Athletic Foundation		
Ripon High Stadium Project	\$ 890,000	\$ 2,840,000
<p>Ripon High School Stadium's bleachers and bathrooms are desperately in need of replacement at a cost of \$1,500,000. The bleachers and bathrooms are deemed unsafe and ADA inaccessible by the school district and "non-compliant and near the end of their expected useful life" by Teter School Facility Consultants. \$1,800,000 has already been invested by the community and school district in the project by replacing the track, field, as well as installing infrastructure and sidewalks in this 70+ year old stadium. Funds will be used to replace the unsafe bleachers and inaccessible bathrooms.</p>		
Stockton East Water District		
Bellota Fish Ladder and Passage Improvement Project	\$ 15,000,000	\$ 15,000,000
<p>This project will design and construct: a modern fish screen at the Bellota Intake Structure for the water treatment plant; a fishway to improve upstream migration for salmonids at the Bellota Weir and Mormon Slough; and a fish exclusion structure to prevent entrainment of juvenile salmonids into the Old Calaveras River channel. The project is shovel ready and can move forward easily.</p>		
South Gulch Water Conservation Project	\$ 1,000,000	\$ 1,000,000
<p>The proposed South Gulch Water Conservation Project would increase the water supply reliability and flood protection for the greater Stockton Area. The project includes constructing an off-stream reservoir with related appurtenances for the Calaveras River to store and regulate flood releases from New Hogan Dam for future water supply and flood prevention. The project would alleviate 200-year flood events with projected future climate change. Funding will be used to complete the feasibility study.</p>		
Farmington Dam Re-Purpose Project	\$ 158,100,000	\$ 158,100,000
<p>The project will re-purpose the Farmington Dam from flood protection only to a long-term water storage facility that increases water supply reliability to the Stockton metropolitan area and mitigates groundwater overdraft in the eastern portion of the San Joaquin Valley. Additional benefits of this project would be reducing potential flooding risk along Littlejohns Creek downstream from Farmington Dam to its confluence with the lower San Joaquin River, and enabling storage of available water supplies from New Melones during winter months.</p>		