



SAN JOAQUIN COUNCIL OF GOVERNMENTS

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June 25, 2021

Mr. Muhaned Aljabiry
California Department of Transportation
Division of Transportation Programming, MS82
P.O. Box 942874
Sacramento, CA 64274-0001

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AND
THE COUNTY OF
SAN JOAQUIN

Attention: Lima Huy

Subject: Submittal of the San Joaquin Council of Governments Amendment #2 to the 2021 Federal Transportation Improvement Program

Dear Mr. Aljabiry,

Enclosed for your review and approval is Amendment #2 to the 2021 Federal Transportation Improvement Program (2021 FTIP). Amendment #2 is a Type 3 Formal Amendment to the 2021 FTIP. Amendment #2 makes necessary funding changes to the existing projects and programs new projects as indicated in the attached documentation. The proposed project changes have been determined to be exempt from the requirement that a conformity determination and/or regional emissions analysis be performed per 40 CFR 93.126, 93.127, or 93.128. Because the projects are exempt, no further conformity determination is required. In addition, the projects and/or project phases contained in Amendment #2 do not interfere with the timely implementation of any approved Transportation Control Measures (TCMs). The 2021 FTIP meets all applicable transportation planning requirements per 23 CFR Part 450 and 40 CFR Part 93. The projects included in this amendment are not in common with any other amendment currently open for public comment or being processed.

A seven-day public review period for Amendment #2 occurred from November 26, 2020 to December 2, 2020 at 5:00 pm. The public participation process for Amendment #2 to the 2021 FTIP is consistent with San Joaquin Council of Governments board adopted Public Participation Plan. The SJCOG Board approved the amendment at its December 3, 2020 Board meeting. State and Federal approval is required for Amendment #2 to the 2021 FTIP.

June 25, 2021
Mr. Muhaned Aljabiry
SJCOG 2021 FTIP Amendment #2
Page 2 of 2

Included with this letter is one hard copy of Amendment #2 to the 2021 FTIP, including the four-year financial plan. Amendment #2 to the 2021 FTIP is available online on the San Joaquin Council of Governments website at www.sjcog.org. If you have any questions regarding this document, please contact Ryan Niblock at (209) 235-0600.

Sincerely,



DIANE NGUYEN
Executive Director

cc: Mr. Antonio Johnson, FHWA
Mr. Joseph Vaughn, FHWA
Ms. Dominique Kraft, FTA
Mr. Parminder Singh, Caltrans D-10
Mr. Tom Dumas, Caltrans D-10

Attachment 1

STAFF REPORT

SUBJECT: 2021 Federal Transportation Improvement Program (Type 3) Amendment #2

RECOMMENDED ACTION: (1) Approve Formal Amendment #2 to the 2021 Federal Transportation Improvement Program; and
(2) Adopt Resolution R-21-35

SUMMARY:

Every Federal transportation dollar must be identified in the San Joaquin Council of Governments' (SJCOG) Federal Transportation Improvement Program (FTIP) before the funds can be expended.

The FTIP is the *four-year capital improvement program* that details project funding and allows the approval to expend the funds. From time to time, project details change (scope, cost, or schedule), or new projects need to be added. In these cases, the FTIP must be amended to reflect the project changes and additions. Different types of amendments depend on the type of change requested.

Amendment #2 adds two new projects:

- The San Joaquin Regional Transit District's (RTD) *Hydrogen Fuel Cell Electric Bus Initiative* has been added, identifying \$1,022,194 in Federal Transit Administration (FTA) 5307 funds, \$1,450,106 in State Transit Assistance (STA) funds, and \$7,177,995 in future discretionary grant funds.
- The San Joaquin Regional Transit District's (RTD) *Solar Energy Project, Phase 2* has been added, identifying \$1,325 in STA funds, and \$5,300,000 in future discretionary grant funds.

The full contents of 2021 FTIP Amendment #2 can be viewed at:
<http://www.sjco.org/110/Federal-Transportation-Improvement-Program>.

RECOMMENDATION:

SJCOG staff is recommending the SJCOG Board approve FTIP (Type 3) Amendment #2 to the 2021 FTIP and Adopt Resolution R-21-35.

FISCAL IMPACT:

Approval of the SJCOG staff recommendation will adjust funding for current projects in the FTIP, modify their schedules and add new projects into the FTIP. These adjustments amount to a total increase of \$16,275,295 within the four-year period of the FTIP.

BACKGROUND:

2021 FTIP Amendment #2 is a Formal Amendment, as it contains projects that satisfy the following criteria:

- ✓ **New Project added into the FTIP**
- ✓ **Project budget increase over 50%**
- ✓ **Project budget added over \$20 million**
- ✗ **Major change in scope**

✓ *A single green check mark qualifies the change as a Formal Amendment*

PUBLIC INPUT:

SJCOG posted the amendment documentation on the SJCOG website on June 16, 2021 at www.sjco.org. Comments can be accepted on the FTIP Amendment #2 until 5:00pm on June 23, 2021. The SJCOG Board is anticipated to take action on Amendment #2 at the June 24, 2021 meeting. State and Federal approval of this amendment is required.

ATTACHMENTS:

1. Resolution R-21-35

Prepared by: Ryan Niblock, Senior Regional Planner



RESOLUTION
SAN JOAQUIN COUNCIL OF GOVERNMENTS

R-21-35

**RESOLUTION APPROVING (TYPE 3) AMENDMENT #2
TO THE
2021 FEDERAL TRANSPORTATION IMPROVEMENT PROGRAM (FTIP)**

WHEREAS, the San Joaquin Council of Governments (SJCOG) is a Regional Transportation Planning Agency and a Metropolitan Planning Organization (MPO), pursuant to State and Federal designation; and

WHEREAS, federal planning regulations require MPOs to prepare and adopt a long range Regional Transportation Plan (RTP) for their region; and

WHEREAS, federal planning regulations require that MPOs prepare, adopt, and maintain a Federal Transportation Improvement Program (FTIP) for their region; and

WHEREAS, the 2021 Federal Transportation Improvement Program Amendment #2 (2021 FTIP Amendment #2) has been prepared to comply with Federal and State requirements for local projects and through a cooperative process between the Federal Highway Administration (FHWA), the Federal Transit Administration (FTA), the State Department of Transportation (Caltrans), principal elected officials of general purpose local governments and their staffs, and public owner operators of mass transportation services acting through the SJCOG forum and general public involvement; and

WHEREAS, the 2021 FTIP (Type 3) Amendment #2 program listing is consistent with: 1) the 2018 Regional Transportation Plan; 2) the 2020 State Transportation Improvement Program; and 3) the Corresponding Conformity Analysis; and

WHEREAS, the 2021 FTIP (Type 3) Amendment #2 contains the MPO's certification of the transportation planning process assuring that all federal requirements have been fulfilled; and

WHEREAS, the 2021 FTIP (Type 3) Amendment #2 meets all applicable transportation planning requirements per 23 CFR Part 450.

WHEREAS, projects submitted in the 2021 FTIP (Type 3) Amendment #2 must be financially constrained and the financial plan affirms that funding is available; and

WHEREAS, the 2021 FTIP (Type 3) Amendment #2 is consistent with the adopted Conformity Analysis for the 2021 FTIP and the 2018 RTP; and

WHEREAS, the 2021 FTIP (Type 3) Amendment #2 does not interfere with the timely implementation of the Transportation Control Measures; and

WHEREAS, the 2021 FTIP (Type 3) Amendment #2 conforms to the applicable SIPs; and

WHEREAS, a 7-day public review process occurred from June 16, 2021 to June 23, 2021 consistent with the SJCOG adopted Public Participation Plan.

NOW, THEREFORE, BE IT RESOLVED, that the SJCOG approves the formal 2021 FTIP (Type 3) Amendment #2; and

THE FOREGOING RESOLUTION was passed and adopted by the SJCOG this 24th day of June, 2021.

AYES: Councilmember Fugazi, Stockton; Councilmember Jobrack, Stockton;
Councilmember Kuehne, Lodi; Councilmember Lazard, Lathrop; Supervisor Patti, SJC;
Supervisor Rickman, SJC; Supervisor Villapudua, SJC; Councilmember Wright, Stockton;
Mayor Young, Tracy; Councilmember Zuber, Ripon.

NOES: None

ABSENT: Councilmember Bellinger, Escalon; Vice-Mayor Singh, Manteca



SOL JOBRACK
Chair

Attachment 2

Additional Performance Measurement Language for Inclusion in the 2019 FTIP

The 2012 federal transportation authorization legislation, ‘Moving Ahead for Progress in the 21st Century’ (MAP-21) established new requirements for performance management and reporting to ensure the most efficient investment of Federal transportation funds. To incorporate the new federal performance requirements into the Federal Transportation Improvement Program (FTIP), SJCOG is required to show (1) that the FTIP “makes progress towards achieving [the region’s] performance targets” and (2) that the FTIP includes, “to the maximum extent practicable, a description of the anticipated effect of the FTIP towards achieving the performance targets.”

The projects contained within this amendment have been developed in accordance with the applicable provisions and requirements of 23 CFR Part 450 and are expected to support the achievement of these targets. These targets will be achieved through the implementation of investment priorities through the programming of transportation projects in the 2019 FTIP, this Amendment, and subsequent FTIP Amendments and Administrative Modifications.

Performance Measure Targets

SJCOG supports the “statewide” targets for PM1, PM2, and PM3. The targets are listed below.

PM 1

Performance Target	2021 Target	Percent Reduction for 2021
Number of Fatalities	3,624.8	2.9%
Rate of Fatalities (per 100M VMT)	1.044	2.9%
Number of Serious Injuries	15,419.4	1.3%
Rate of Serious Injuries (per 100M VMT)	4.423	1.3%
Number of Non-Motorized Fatalities and Non-Motorized Serious Injuries	4,340.8	2.9% for fatalities 1.3% for serious injuries

PM 2

PM2: NATIONAL HIGHWAY SYSTEM PAVEMENT AND BRIDGE CONDITION		Values
Percentage of Interstate System pavement in ‘Good’ condition		44.5%
Percentage of non-interstate NHS pavement in ‘Good’ condition		29.9%
Percentage of Interstate System pavement in ‘Poor’ condition		3.8%
Percentage of non-interstate NHS pavement in ‘Poor’ condition		7.2%
Percentage of NHS bridges in ‘Good’ condition		70.5%
Percentage of NHS bridges in ‘Poor’ condition		4.4%

PM 3

Performance Measure	2017 Baseline Data	2-year Target	4-year Target
Percent of Reliable Person-Miles Traveled on the Interstate ¹	64.6%	65.1% (+0.5%)	65.6% (+1%)
Percent of Reliable Person-Miles Traveled on the Non-Interstate NHS ¹	73.0%	N/A	74.0% (+1%)
Percentage of Interstate System Mileage Providing Reliable Truck Travel Time (Truck Travel Time Reliability Index) ¹	1.69	1.68 (-0.01)	1.67 (-0.02)
Total Emissions Reductions by Applicable Pollutants under the CMAQ Program²			
VOC (kg/day)	951.83	961.35 (+1%)	970.87 (+2%)
CO (kg/day)	6,863.26	6,931.90 (+1%)	7,000.54 (+2%)
NOx (kg/day)	1,753.36	1,770.89 (+1%)	1,788.43 (+2%)
PM10 (kg/day)	2,431.21	2,455.52 (+1%)	2,479.83 (+2%)
PM2.5 (kg/day)	904.25	913.29 (+1%)	922.34 (+2%)
*Annual Hours of Peak-Hour Excessive Delay Per Capita¹	State and MPO must coordinate on a single, unified 4-year target.		
Sacramento UA	14.9 Hours	N/A	14.7 (-1.0%)
San Francisco-Oakland UA	31.3 Hours	N/A	30.0 (-4.0%)
San Jose UA	27.5 Hours	N/A	26.4 (-4.0%)
Los Angeles-Long Beach-Anaheim UA	51.7 Hours	N/A	51.2 (-1.0%)
Riverside-San Bernardino UA	16.3 Hours	N/A	16.1 (-1.0%)
San Diego UA	18.4 Hours	N/A	18.0 (-2.0%)
*Percent of Non-Single Occupancy Vehicle (SOV) Travel³	State and MPO must coordinate on a single, unified 2-year and 4-year target.		
Sacramento UA	22.8%	23.3% (+0.5%)	23.8% (+1%)
San Francisco-Oakland UA	44.3%	45.3% (+1%)	46.3% (+2%)
San Jose UA	24.5%	25.5% (+1%)	26.5% (+2%)
Los Angeles-Long Beach-Anaheim UA	25.6%	26.1% (+0.5%)	26.6% (+1%)
Riverside-San Bernardino UA	22.7%	23.2% (+0.5%)	23.7% (+1%)
San Diego UA	23.8%	24.8% (+1%)	25.2 (+1.4%)
Percent Change in Tailpipe CO ₂ Emissions on the NHS Compared to the Calendar Year 2017 Level (Greenhouse Gas performance measure) ⁴	TBD	TBD	TBD

TRANSIT ASSET MANAGEMENT

Asset Category	Regionwide Percentage Below ULB / Standard	Target
Rolling Stock	11%	9%
Equipment	38%	32%
Facilities	0%	0%
Infrastructure	0%	0%

Performance Measures 1, 2, 3, and TAM Supportive Projects, included as part of this Amendment

Lead Agency	MPO ID	Title	Open to Traffic	PM1 Safety	PM2 Bridge Pavement	PM3 Congestion, Freight, AQ	Transit Asset Management
RTD	212-0000-0776	Hydrogen Fuel Cell Electric Bus Initiative	2024				X
RTD	212-0000-0777	Solar Energy Project Phase 2	2024				X

Attachment 3

Summary of Changes
SJCOG Amendment Number 2

Existing / New	CTIPS ID	PROJECT TITLE	DESCRIPTION OF CHANGE	Phase	CTIPS Fund Type	PRIOR CTIPS Amt.	CURRENT CTIPS Amt.	FFY	Financial Table Fund Source	Net Increase / Decrease	Total Project Cost Change	%	Comments
New	212-0000-0776	Hydrogen Fuel Cell Electric Bus Initiative	New Project	CON	FTA 5307	\$0	\$1,022,194	21/22	FTA Funds	\$1,022,194	\$9,650,295	100%	New project. Future funds represent pursuit of discretionary funds.
				CON	STA Transit Assistance	\$0	\$1,450,106	21/22	Other State	\$1,450,106			
				CON	Future Need	\$0	\$7,177,995	21/22	Future Funds	\$7,177,995			
New	212-0000-0777	Solar Energy Project Phase 2	New Project	CON	STA Transit Assistance	\$0	\$1,325,000	21/22	Other State	\$1,325,000	\$6,625,000	100%	New project. Future funds represent pursuit of discretionary funds.
				CON	Future Need	\$0	\$5,300,000	21/22	Future Funds	\$5,300,000			

Sum of Net Change by Federal Fiscal Year and Fund Source

	20/21	21/22	22/23	23/24	Totals
FTA 5307	\$0	\$1,022,194	\$0	\$0	\$1,022,194
STA Transit Assistance	\$0	\$2,775,106	\$0	\$0	\$2,775,106
Future Need	\$0	\$12,477,995	\$0	\$0	\$12,477,995
Total	\$0	\$16,275,295	\$0	\$0	\$16,275,295

Attachment 5

TABLE 1: REVENUE

SAN JOAQUIN COUNCIL OF GOVERNMENTS
2021 FEDERAL TRANSPORTATION IMPROVEMENT PROGRAM
 Amendment 2
 (\$'s in 1,000)

Funding Source		4 YEAR (FTIP Period)									
		FY 2021		FY 2022		FY 2023		FY 2024		TOTAL CURRENT	
		Amendment		Amendment		Amendment		Amendment			
		Prior Adoption	Current No. 2	Prior Adoption	Current No. 2	Prior Adoption	Current No. 2	Prior Adoption	Current No. 2		
LOCAL	Sales Tax	\$1,600	\$1,600								\$1,600
	City	\$1,600	\$1,600							\$1,600	
	County										
	Gas Tax										
	Gas Tax (Subventions to Cities)										
	Gas Tax (Subventions to Counties)										
	Other Local Funds	\$14,520	\$14,520	\$87,313	\$90,542	\$49,644	\$49,644	\$302	\$302	\$155,008	
	County General Funds	\$64	\$64			\$66	\$66	\$302	\$302	\$432	
	City General Funds	\$6,924	\$6,924	\$32,107	\$32,107	\$31,578	\$31,578			\$70,609	
	Street Taxes and Developer Fees	\$7,532	\$7,532	\$55,206	\$58,435	\$18,000	\$18,000			\$83,967	
	RSTP Exchange funds										
	Transit										
Transit Fares											
Other (See Appendix 1)	\$13,457	\$8,716	\$8,551	\$9,167	\$2,701	\$2,701	\$1,638	\$1,638	\$22,222		
Local Total	\$29,577	\$24,836	\$95,864	\$99,709	\$52,345	\$52,345	\$1,940	\$1,940	\$178,830		
REGIONAL	Tolls										
	Bridge Corridor										
	Regional Sales Tax	\$4,808	\$7,728	\$6,227	\$6,227	\$3,972	\$3,972	\$20,113	\$20,113	\$38,040	
	Other (See Appendix 2)										
Regional Total	\$4,808	\$7,728	\$6,227	\$6,227	\$3,972	\$3,972	\$20,113	\$20,113	\$38,040		
STATE	State Highway Operations and Protection Program (SHOPP) ¹	\$86,199	\$86,482	\$91,310	\$120,046	\$171,083	\$171,083	\$37,346	\$37,346	\$414,957	
	SHOPP	\$84,752	\$85,035	\$87,954	\$116,690	\$171,083	\$171,083	\$37,346	\$37,346	\$410,154	
	SHOPP Prior										
	State Minor Program	\$1,447	\$1,447	\$3,356	\$3,356					\$4,803	
	State Transportation Improvement Program (STIP) ¹	\$36,090	\$36,090	\$290	\$10,432	\$26,290	\$26,290	\$8,183	\$8,183	\$80,995	
	STIP	\$36,090	\$36,090	\$290	\$10,432	\$26,290	\$26,290	\$8,183	\$8,183	\$80,995	
	STIP Prior										
	State Bond	\$12,612	\$12,612							\$12,612	
	Proposition 1A (High Speed Passenger Train Bond Program)	\$12,612	\$12,612							\$12,612	
	Proposition 1B (Highway Safety, Traffic Reduction, Air Quality, and Port Security Bond Act of 2006)										
	Active Transportation Program (ATP) ¹	\$7,505	\$7,505	\$7,905	\$7,905	\$1,307	\$1,307			\$16,717	
	Highway Maintenance (HM) Program ¹										
	Highway Bridge Program (HBP) ¹	\$1,827	\$1,827	\$6,672	\$6,672	\$2,196	\$2,196			\$10,695	
	Road Repair and Accountability Act of 2017 (SB1)	\$4,941	\$5,593	\$86	\$86	\$100,086	\$100,086	\$86	\$86	\$105,851	
Traffic Congestion Relief Program (TCRP)											
State Transit Assistance (STA)(e.g., population/revenue based, Prop 42)	\$172	\$1,813		\$2,852					\$4,665		
Other (See Appendix 3)	\$10,159	\$10,159	\$1,000	\$1,000	\$86,933	\$86,933			\$98,092		
State Total	\$159,504	\$162,081	\$107,263	\$148,993	\$387,895	\$387,895	\$45,615	\$45,615	\$744,584		
FEDERAL TRANSIT	5307 - Urbanized Area Formula Grants	\$15,805	\$17,739	\$16,212	\$18,112	\$8,202	\$8,202	\$4,999	\$4,999	\$49,052	
	5309 - Fixed Guideway Capital Investment Grants	\$1,785	\$1,785							\$1,785	
	5309b - New and Small Starts (Capital Investment Grants)										
	5309c - Bus and Bus Related Grants										
	5310 - Enhanced Mobility of Seniors and Individuals with Disabilities	\$844	\$844	\$844	\$844					\$1,688	
	5311 - Formula Grants for Rural Areas	\$87	\$1,629	\$87	\$337	\$87	\$87	\$87	\$87	\$2,139	
	5311f - Intercity Bus										
	5337 - State of Good Repair Grants	\$3,847	\$3,847	\$3,847	\$3,915	\$3,847	\$3,847	\$3,847	\$3,847	\$15,456	
	5339 - Bus and Bus Facilities Formula Grants	\$2,449	\$3,740	\$657	\$657	\$180	\$180	\$180	\$180	\$4,757	
	FTA Transfer from Prior FTIP										
	Other (See Appendix 4)	\$22,460	\$22,621		\$13,500	\$20,000	\$23,309			\$59,430	
	Federal Transit Total	\$47,277	\$52,205	\$21,646	\$37,365	\$32,316	\$35,625	\$9,113	\$9,113	\$134,307	
FEDERAL HIGHWAY	Congestion Mitigation and Air Quality (CMAQ) Improvement Program	\$9,934	\$9,934	\$9,991	\$9,991	\$9,988	\$9,988	\$9,984	\$9,984	\$39,897	
	Construction of Ferry Boats and Ferry Terminal Facilities (Ferry Boat Program)										
	Coordinated Border Infrastructure Program										
	Federal Lands Access Program										
	Federal Lands Transportation Program										
	GARVEE Bonds Debt Service Payments										
	Highway Infrastructure Program (HIP)		\$641							\$641	
	High Priority Projects (HPP) and Demo		\$800							\$800	
	Highway Safety Improvement Program (HSIP)	\$557	\$557	\$4,753	\$4,753			\$3,750	\$3,750	\$9,061	
	National Highway Freight Program (NHFP)										
	Nationally Significant Freight and Highway Projects (FASTLANE/INFRA Grants)										
	Railway-Highway Crossings Program										
	Recreational Trails Program										
	SAFETEA-LU Safe Routes to School (SRTS)										
Surface Transportation Block Grant Program (STBGP/RSTP)	\$9,716	\$9,716	\$9,777	\$9,777	\$9,774	\$9,774	\$9,771	\$9,771	\$39,038		
Other (See Appendix 5)											
Federal Highway Total	\$20,206	\$21,647	\$24,521	\$24,521	\$19,762	\$19,762	\$23,506	\$23,506	\$89,436		
FEDERAL RAIL	Other Federal Railroad Administration (see Appendix 6)										
	Federal Railroad Administration Total										
Federal Total	\$67,483	\$73,852	\$46,168	\$61,886	\$52,077	\$55,386	\$32,618	\$32,618	\$223,743		
INNOVATIVE FINANCE	TIFIA (Transportation Infrastructure Finance and Innovation Act)										
	Other (See Appendix 7)										
Innovative Financing Total											
REVENUE TOTAL		\$261,373	\$268,497	\$255,522	\$316,815	\$496,289	\$499,598	\$100,286	\$100,286	\$1,185,197	

Financial Summary Notes:
¹ State Programs that include both state and federal funds

TABLE 1: REVENUE - APPENDICES

SAN JOAQUIN COUNCIL OF GOVERNMENTS
2021 FEDERAL TRANSPORTATION IMPROVEMENT PROGRAM
Amendment 2
(\$'s in 1,000)

Appendix 1 - Local Other									
Local Other	FY 2021		FY 2022		FY 2023		FY 2024		CURRENT TOTAL
	Prior	Current	Prior	Current	Prior	Current	Prior	Current	
Local Transportation Funds Fund Total	\$8,368	\$3,792	\$404	\$606					\$4,398
Private Funds Fund Total					\$963	\$963			\$963
TDA Fund Total	\$3,558	\$3,393	\$4,574	\$4,988	\$1,738	\$1,738	\$1,638	\$1,638	\$11,751
RAILWAY-HIGHWAY CROSSINGS	\$1,531	\$1,531	\$3,573	\$3,573					\$5,104
Local Other Total	\$13,457	\$8,716	\$8,551	\$9,167	\$2,701	\$2,701	\$1,638	\$1,638	\$22,222

Appendix 2 - Regional Other									
Regional Other	FY 2021		FY 2022		FY 2023		FY 2024		CURRENT TOTAL
	Prior	Current	Prior	Current	Prior	Current	Prior	Current	
Regional Other Total									

Appendix 3 - State Other									
State Other	FY 2021		FY 2022		FY 2023		FY 2024		CURRENT TOTAL
	Prior	Current	Prior	Current	Prior	Current	Prior	Current	
Transit and Intercity Rail Capital Program (TIRCP) Fund	\$806	\$806							\$806
Cap-and-Trade Program Fund Total			\$1,000	\$1,000					\$1,000
Future Funds									
Transit Security Grant Program	\$1,353	\$1,353							\$1,353
SB 132	\$8,000	\$8,000			\$86,933	\$86,933			\$94,933
State Other Total	\$10,159	\$10,159	\$1,000	\$1,000	\$86,933	\$86,933			\$98,092

Appendix 4 - Federal Transit Other									
Federal Transit Other	FY 2021		FY 2022		FY 2023		FY 2024		CURRENT TOTAL
	Prior	Current	Prior	Current	Prior	Current	Prior	Current	
FTA 5307 (FHWA Transfer Funds) Fund Total	\$15,502	\$15,663		\$1,022					\$16,685
Earmark Repurposing Fund Total	\$6,958	\$4,958							\$6,958
BUILD-TIGER Grant					\$20,000	\$20,000			\$20,000
Future Need				\$12,478		\$3,309			\$15,787
Federal Transit Other Total	\$22,460	\$22,621		\$13,500	\$20,000	\$23,309			\$59,430

Appendix 5 - Federal Highway Other									
Federal Highway Other	FY 2021		FY 2022		FY 2023		FY 2024		CURRENT TOTAL
	Prior	Current	Prior	Current	Prior	Current	Prior	Current	
Federal Highway Other Total									

Appendix 6 - Federal Railroad Administration Other									
Federal Railroad Administration Other	FY 2021		FY 2022		FY 2023		FY 2024		CURRENT TOTAL
	Prior	Current	Prior	Current	Prior	Current	Prior	Current	
Federal Railroad Administration Other Total									

Appendix 7 - Innovative Other									
Innovative Other	FY 2021		FY 2022		FY 2023		FY 2024		CURRENT TOTAL
	Prior	Current	Prior	Current	Prior	Current	Prior	Current	
Innovative Other Total									

TABLE 2: PROGRAMMED

SAN JOAQUIN COUNCIL OF GOVERNMENTS
2021 FEDERAL TRANSPORTATION IMPROVEMENT PROGRAM
Amendment 2
(\$'s in 1,000)

FUNDING SOURCES		N O T E S	4 YEAR (FTIP Period)								TOTAL CURRENT
			FY 2021		FY 2022		FY 2023		FY 2024		
			Amendment		Amendment		Amendment		Amendment		
			Prior Adoption	Current No. 2	Prior Adoption	Current No. 2	Prior Adoption	Current No. 2	Prior Adoption	Current No. 2	
LOCAL	Local Total		\$29,577	\$24,836	\$95,864	\$99,709	\$52,345	\$52,345	\$1,940	\$1,940	\$178,830
REGIONAL	Tolls										
	<i>Bridge Corridor</i>										
	Regional Sales Tax		\$4,808	\$7,728	\$6,227	\$6,227	\$3,972	\$3,972	\$20,113	\$20,113	\$38,040
	Other (See Appendix A)										
	Regional Total		\$4,808	\$7,728	\$6,227	\$6,227	\$3,972	\$3,972	\$20,113	\$20,113	\$38,040
STATE	State Highway Operations and Protection Program (SHOPP) ¹		\$86,199	\$86,482	\$91,310	\$120,046	\$171,083	\$171,083	\$37,346	\$37,346	\$414,957
	<i>SHOPP</i>		\$84,752	\$85,035	\$87,954	\$116,690	\$171,083	\$171,083	\$37,346	\$37,346	\$410,154
	<i>SHOPP Prior</i>										
	<i>State Minor Program</i>		\$1,447	\$1,447	\$3,356	\$3,356					\$4,803
	State Transportation Improvement Program (STIP) ¹		\$36,090	\$36,090	\$290	\$10,432	\$26,290	\$26,290	\$8,183	\$8,183	\$80,995
	<i>STIP</i>		\$36,090	\$36,090	\$290	\$10,432	\$26,290	\$26,290	\$8,183	\$8,183	\$80,995
	<i>STIP Prior</i>										
	State Bond		\$12,612	\$12,612							\$12,612
	<i>Proposition 1A (High Speed Passenger Train Bond Program)</i>		\$12,612	\$12,612							\$12,612
	<i>Proposition 1B (Highway Safety, Traffic Reduction, Air Quality, and Port Security Bond Act of 2006)</i>										
	Active Transportation Program ¹		\$7,505	\$7,505	\$7,905	\$7,905	\$1,307	\$1,307			\$16,717
	Highway Maintenance (HM) Program ¹										
	Highway Bridge Program (HBP) ¹		\$1,827	\$1,827	\$6,672	\$6,672	\$2,196	\$2,196			\$10,695
	Road Repair and Accountability Act of 2017 (SB1)		\$4,941	\$5,593	\$86	\$86	\$100,086	\$100,086	\$86	\$86	\$105,851
	Traffic Congestion Relief Program (TCRP)										
	State Transit Assistance (STA)(e.g., population/revenue based, Prop 42)		\$172	\$1,813		\$2,852					\$4,665
	Other (See Appendix B)		\$10,159	\$10,159	\$1,000	\$1,000	\$86,933	\$86,933			\$98,092
	State Total		\$159,504	\$162,081	\$107,263	\$148,993	\$387,895	\$387,895	\$45,615	\$45,615	\$744,584
FEDERAL TRANSIT	5307 - Urbanized Area Formula Grants		\$15,805	\$17,739	\$16,212	\$18,112	\$8,202	\$8,202	\$4,999	\$4,999	\$49,052
	5309 - Fixed Guideway Capital Investment Grants		\$1,785	\$1,785							\$1,785
	5309b - New and Small Starts (Capital Investment Grants)										
	5309c - Bus and Bus Related Grants										
	5310 - Enhanced Mobility of Seniors and Individuals with Disabilities		\$844	\$844	\$844	\$844					\$1,688
	5311 - Formula Grants for Rural Areas		\$87	\$1,629	\$87	\$337	\$87	\$87	\$87	\$87	\$2,139
	5311f - Intercity Bus										
	5337 - State of Good Repair Grants		\$3,847	\$3,847	\$3,847	\$3,915	\$3,847	\$3,847	\$3,847	\$3,847	\$15,456
	5339 - Bus and Bus Facilities Formula Grants		\$2,449	\$3,740	\$657	\$657	\$180	\$180	\$180	\$180	\$4,757
	FTA Transfer from Prior FTIP										
	Other (See Appendix C)		\$22,460	\$22,621		\$13,500	\$20,000	\$23,309			\$59,430
	Federal Transit Total		\$47,277	\$52,205	\$21,646	\$37,365	\$32,316	\$35,625	\$9,113	\$9,113	\$134,307
FEDERAL HIGHWAY	Congestion Mitigation and Air Quality (CMAQ) Improvement Program		\$8,724	\$8,724	\$8,240	\$8,240	\$7,790	\$7,790	\$8,578	\$8,578	\$33,332
	Construction of Ferry Boats and Ferry Terminal Facilities (Ferry Boat Program)										
	Coordinated Border Infrastructure Program										
	Federal Lands Access Program										
	Federal Lands Transportation Program										
	GARVEE Bonds Debt Service Payments										
	Highway Infrastructure Program (HIP)			\$641							\$641
	High Priority Projects (HPP) and Demo			\$800							\$800
	Highway Safety Improvement Program (HSIP)		\$557	\$557	\$4,753	\$4,753			\$3,750	\$3,750	\$9,061
	National Highway Freight Program (NHFP)										
	Nationally Significant Freight and Highway Projects (FASTLANE/INFRA Grants)										
	Railway-Highway Crossings Program										
	Recreational Trails Program										
	SAFETEA-LU Safe Routes to School (SRTS)										
	Surface Transportation Block Grant Program (STBGP/RSTP)		\$8,851	\$8,851	\$9,020	\$9,020	\$9,774	\$9,774	\$9,771	\$9,771	\$37,416
	Other (see Appendix D)										
	Federal Highway Total		\$18,132	\$19,573	\$22,013	\$22,013	\$17,564	\$17,564	\$22,099	\$22,099	\$81,250
FEDERAL RAIL	Other Federal Railroad Administration (see Appendix E)										
	Federal Railroad Administration Total										
	Federal Total		\$65,408	\$71,778	\$43,660	\$59,379	\$49,880	\$53,189	\$31,212	\$31,212	\$215,557
INNOVATIVE FINANCE	TIFIA (Transportation Infrastructure Finance and Innovation Act)										
	Other (See Appendix F)										
	Innovative Financing Total										
PROGRAMMED TOTAL			\$259,298	\$266,422	\$253,014	\$314,308	\$494,092	\$497,401	\$98,880	\$98,880	\$1,177,011

MPO Financial Summary Notes:
¹ State Programs that include both state and federal funds.

TABLE 2: PROGRAMMED - APPENDICES

SAN JOAQUIN COUNCIL OF GOVERNMENTS
 2021 FEDERAL TRANSPORTATION IMPROVEMENT PROGRAM
 Amendment 2
 (\$'s in 1,000)

Appendix A - Regional Other

Regional Other	FY 2021		FY 2022		FY 2023		FY 2024		CURRENT TOTAL
	Prior	Current	Prior	Current	Prior	Current	Prior	Current	
Regional Other Total									

Appendix B - State Other

State Other	FY 2021		FY 2022		FY 2023		FY 2024		CURRENT TOTAL
	Prior	Current	Prior	Current	Prior	Current	Prior	Current	
Transit and Intercity Rail Capital Program (TIRCP) Fund T		\$806							\$806
Cap-and-Trade Program Fund Total			\$1,000	\$1,000					\$1,000
Future Funds									
Transit Security Grant Program	\$1,353	\$1,353							\$1,353
SB 132	\$8,000	\$8,000			\$86,933	\$86,933			\$94,933
State Other Total	\$10,159	\$10,159	\$1,000	\$1,000	\$86,933	\$86,933			\$98,092

Appendix C - Federal Transit Other

Federal Transit Other	FY 2021		FY 2022		FY 2023		FY 2024		CURRENT TOTAL
	Prior	Current	Prior	Current	Prior	Current	Prior	Current	
FTA 5307 (FHWA Transfer Funds) Fund Total	\$15,502	\$15,663		\$1,022					\$16,685
Earnmark Repurposing Fund Total	\$6,958	\$6,958							\$6,958
BUILD-TIGER Grant					\$20,000	\$20,000			\$20,000
Future Need				\$12,478		\$3,309			\$15,787
Federal Transit Other Total	\$22,460	\$22,621		\$13,500	\$20,000	\$23,309			\$59,430

Appendix D - Federal Highway Other

Federal Highway Other	FY 2021		FY 2022		FY 2023		FY 2024		CURRENT TOTAL
	Prior	Current	Prior	Current	Prior	Current	Prior	Current	
Federal Highway Other Total									

Appendix E - Federal Railroad Administration Other

Federal Railroad Administration Other	FY 2021		FY 2022		FY 2023		FY 2024		CURRENT TOTAL
	Prior	Current	Prior	Current	Prior	Current	Prior	Current	
Federal Railroad Administration Other Total									

Appendix F - Innovative Finance Other

Innovative Other	FY 2021		FY 2022		FY 2023		FY 2024		CURRENT TOTAL
	Prior	Current	Prior	Current	Prior	Current	Prior	Current	
Innovative Other Total									

TABLE 3: REVENUE-PROGRAMMED

SAN JOAQUIN COUNCIL OF GOVERNMENTS
2021 FEDERAL TRANSPORTATION IMPROVEMENT PROGRAM
 Amendment 2
 (\$'s in 1,000)

FUNDING SOURCES		4 YEAR (FTIP Period)								TOTAL CURRENT
		FY 2021		FY 2022		FY 2023		FY 2024		
		Amendment		Amendment		Amendment		Amendment		
		Prior Adoption	Current No. 2	Prior Adoption	Current No. 2	Prior Adoption	Current No. 2	Prior Adoption	Current No. 2	
LOCAL	Local Total									
REGIONAL	Tolls <i>Bridge</i> <i>Corridor</i> Regional Sales Tax Other									
	Regional Total									
STATE	State Highway Operations and Protection Program (SHOPP) ¹ <i>SHOPP</i> <i>SHOPP Prior</i> <i>State Minor Program</i>									
	State Transportation Improvement Program (STIP) ¹ <i>STIP</i> <i>STIP Prior</i>									
	State Bond <i>Proposition 1A (High Speed Passenger Train Bond Program)</i> <i>Proposition 1E (Highway Safety, Traffic Reduction, Air Quality, and Port Security Bond Act of 2006)</i>									
	Active Transportation Program ¹									
	Highway Maintenance (HM) Program ¹									
	Highway Bridge Program (HBP) ¹									
	Road Repair and Accountability Act of 2017 (SB1)									
	Traffic Congestion Relief Program (TCRP)									
	State Transit Assistance (STA)(e.g., population/revenue based, Prop 42)									
	Other									
	State Total									
FEDERAL TRANSIT	5307 - Urbanized Area Formula Grants									
	5309 - Fixed Guideway Capital Investment Grants									
	5309b - New and Small Starts (Capital Investment Grants)									
	5309c - Bus and Bus Related Grants									
	5310 - Enhanced Mobility of Seniors and Individuals with Disabilities									
	5311 - Formula Grants for Rural Areas									
	5311f - Intercity Bus									
	5337 - State of Good Repair Grants									
	5339 - Bus and Bus Facilities Formula Grants									
	FTA Transfer from Prior FTIP									
Other										
	Federal Transit Total									
FEDERAL HIGHWAY	Congestion Mitigation and Air Quality (CMAQ) Improvement Program	\$1,210	\$1,210	\$1,751	\$1,751	\$2,198	\$2,198	\$1,406	\$1,406	\$6,565
	Construction of Ferry Boats and Ferry Terminal Facilities (Ferry Boat Program)									
	Coordinated Border Infrastructure Program									
	Federal Lands Access Program									
	Federal Lands Transportation Program									
	GARVEE Bonds Debt Service Payments									
	Highway Infrastructure Program (HIP)									
	High Priority Projects (HPP) and Demo									
	Highway Safety Improvement Program (HSIP)									
	National Highway Freight Program (NHFP)									
	Nationally Significant Freight and Highway Projects (FASTLANE/INFRA Grants)									
	Railway-Highway Crossings Program									
Recreational Trails Program										
SAFETEA-LU Safe Routes to School (SRTS)										
Surface Transportation Block Grant Program (STBGP/RSTP)	\$865	\$865	\$757	\$757					\$1,622	
Other										
	Federal Highway Total	\$2,075	\$2,075	\$2,508	\$2,508	\$2,198	\$2,198	\$1,406	\$1,406	\$8,187
FEDERAL RAIL	Other Federal Railroad Administration									
	Federal Railroad Administration Total									
	Federal Total	\$2,075	\$2,075	\$2,508	\$2,508	\$2,198	\$2,198	\$1,406	\$1,406	\$8,187
INNOVATIVE FINANCE	TIFIA (Transportation Infrastructure Finance and Innovation Act)									
	Other									
	Innovative Financing Total									
REVENUE - PROGRAM TOTAL		\$2,075	\$2,075	\$2,508	\$2,508	\$2,198	\$2,198	\$1,406	\$1,406	\$8,187

Attachment 5

**San Joaquin Council of Governments - Federal Transportation Improvement Program
(Dollars in Whole)
Transit System**

DIST: 10	PPNO:	EA:	CTIPS ID: 212-0000-0776	TITLE (DESCRIPTION): Hydrogen Fuel Cell Electric Bus Initiative (Costs associated with the purchase of 5 hydrogen fuel cell electric buses, fueling station, and other associated costs.)	MPO Aprv:
CT PROJECT ID:			MPO ID.: SJ		State Aprv:
COUNTY: San Joaquin County	ROUTE:		PM:		Federal Aprv:
					EPA TABLE II or III EXEMPT CATEGORY Purchase new buses and rail cars to replace exist.

IMPLEMENTING AGENCY: SJRTD - San Joaquin Regional Transit District
PROJECT MANAGER: ERIC WILLIAMS

PHONE: (209) 467-6674

EMAIL: ewilliams@sjrtd.com

PROJECT VERSION HISTORY (Printed Version is Shaded)

(Dollars in whole)

<u>Version</u>	<u>Status</u>	<u>Date</u>	<u>Updated By</u>	<u>Change Reason</u>	<u>Amend No.</u>	<u>Prog Con</u>	<u>Prog RW</u>	<u>PE</u>
1	Active	05/28/2021	RNIBLOCK	Amendment - New Project	2	9,650,295		

* FTA Funds -		<u>PRIOR</u>	<u>20-21</u>	<u>21-22</u>	<u>22-23</u>	<u>23-24</u>	<u>24-25</u>	<u>25-26</u>	<u>BEYOND</u>	<u>TOTAL</u>
* Fund Source 1 of 3	PE									
	RW									
* Fund Type: FTA 5307 (FHWA Transfer Funds)	CON			1,022,194						1,022,194
* Funding Agency:	Total:			1,022,194						1,022,194

* Other State -		<u>PRIOR</u>	<u>20-21</u>	<u>21-22</u>	<u>22-23</u>	<u>23-24</u>	<u>24-25</u>	<u>25-26</u>	<u>BEYOND</u>	<u>TOTAL</u>
* Fund Source 2 of 3	PE									
	RW									
* Fund Type: STA Transit Assist	CON			1,450,106						1,450,106
* Funding Agency:	Total:			1,450,106						1,450,106

* Future Need -		<u>PRIOR</u>	<u>20-21</u>	<u>21-22</u>	<u>22-23</u>	<u>23-24</u>	<u>24-25</u>	<u>25-26</u>	<u>BEYOND</u>	<u>TOTAL</u>
* Fund Source 3 of 3	PE									
	RW									
* Fund Type: Future Funds	CON			7,177,995						7,177,995
* Funding Agency:	Total:			7,177,995						7,177,995

Project Total:		<u>PRIOR</u>	<u>20-21</u>	<u>21-22</u>	<u>22-23</u>	<u>23-24</u>	<u>24-25</u>	<u>25-26</u>	<u>BEYOND</u>	<u>TOTAL</u>
	PE									
	RW									
	CON			9,650,295						9,650,295
	Total:			9,650,295						9,650,295

Comments:
***** Version 1 - 05/28/2021 *****

NEW PROJECT

**San Joaquin Council of Governments - Federal Transportation Improvement Program
(Dollars in Whole)
Transit System**

DIST: 10	PPNO:	EA:	CTIPS ID: 212-0000-0777	TITLE (DESCRIPTION): Solar Energy Project Phase 2 (Purchase and installation of solar energy equipment, in support of RTD's conversion to electric vehicles.)	MPO Aprv:
CT PROJECT ID:		MPO ID.: SJ	State Aprv:		
COUNTY: San Joaquin County	ROUTE:	PM:	Federal Aprv:		
					EPA TABLE II or III EXEMPT CATEGORY Purchase of equipment for existing facilities.

IMPLEMENTING AGENCY: SJRTD - San Joaquin Regional Transit District
PROJECT MANAGER: ERIC WILLIAMS

PHONE: (209) 467-6674

EMAIL: ewilliams@sjrtd.com

PROJECT VERSION HISTORY (Printed Version is Shaded)

(Dollars in whole)

<u>Version</u>	<u>Status</u>	<u>Date</u>	<u>Updated By</u>	<u>Change Reason</u>	<u>Amend No.</u>	<u>Prog Con</u>	<u>Prog RW</u>	<u>PE</u>
1	Active	05/28/2021	RNIBLOCK	Amendment - New Project	2	6,625,000		

* Other State -		<u>PRIOR</u>	<u>20-21</u>	<u>21-22</u>	<u>22-23</u>	<u>23-24</u>	<u>24-25</u>	<u>25-26</u>	<u>BEYOND</u>	<u>TOTAL</u>
* Fund Source 1 of 2	PE									
	RW									
* Fund Type: STA Transit Assist	CON			1,325,000						1,325,000
* Funding Agency:	Total:			1,325,000						1,325,000

* Future Need -		<u>PRIOR</u>	<u>20-21</u>	<u>21-22</u>	<u>22-23</u>	<u>23-24</u>	<u>24-25</u>	<u>25-26</u>	<u>BEYOND</u>	<u>TOTAL</u>
* Fund Source 2 of 2	PE									
	RW									
* Fund Type: Future Funds	CON			5,300,000						5,300,000
* Funding Agency:	Total:			5,300,000						5,300,000

Project Total:		<u>PRIOR</u>	<u>20-21</u>	<u>21-22</u>	<u>22-23</u>	<u>23-24</u>	<u>24-25</u>	<u>25-26</u>	<u>BEYOND</u>	<u>TOTAL</u>
	PE									
	RW									
	CON			6,625,000						6,625,000
	Total:			6,625,000						6,625,000

Comments:
***** Version 1 - 05/28/2021 *****

NEW PROJECT