

# APPENDIX F

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## Plan Project List



**Table 6-1: 2022 Regional Transportation Plan Project List - Mainline Highway Improvements Category**

Identifiers	2022 RTP MPO ID	CTIPS ID #	PPNO	Project Information		Project Description	Project Limits	Cost to Deliver	Total	Milestone Years	FTIP Programming	NEPA Approval	Open to Traffic	MK Renewal Project	RTIF Project
				Jurisdiction	Facility Name/Route										
SJ14-1004	112-0000-0421			Caltrans	SR 99/120 Connector Project Phase 1A	(Widen the eastbound SR 120 to southbound SR 99 connector ramp from one-lane to two-lanes; Remove the Austin Road overcrossing and replace with a new 4 lane structure spanning SR 99 and UPRR; Add a new connecting road from Austin Road to Woodward Ave and Moffat Blvd and modify the existing UPRR gated crossing at Woodward Ave; Temporarily close the Austin Road northbound entrance and southbound exit ramps, resulting in a partial interchange.)	On SR-120 from Main Street (P.M. 5.13) to SR-99 and on SR-99 from SR-120 to Olive Avenue (P.M. 6.22)	\$52,419,765		2015	2019	2024	X	X	
SJ07-1003				Caltrans	I-205 Managed Lanes	Widen from 6 to 8 lanes (inside/outside)	Alameda County Line to Eleventh Street	\$90,000,000			2022	2028	X		
SJ14-1001				Caltrans	I-205 Managed Lanes	Widen from 6 to 8 lanes (inside/outside)	Eleventh Street to MacArthur Drive	\$90,000,000			2022	2028	X	X	
SJ14-1002				Caltrans	I-205 Managed Lanes	Widen from 6 to 8 lanes (inside/outside)	MacArthur Drive to I-5	\$90,000,000			2022	2028	X		
SJ07-1008				Caltrans	I-5 HOV Mossdale	Widen to add HOV lanes with HOV Connector Ramps to I-205 and SR-120	I-205 to Louise Avenue (P.M. 12.5/R 16.5)	\$200,000,000			2022	2028	X	X	
SJ07-1014				Caltrans	SR-120	Widen 4 to 6 lanes (inside)	I-5 to Main Street (P.M. 5.13)	\$41,376,709			2024	2030	X		
SJ18-1001				Caltrans	SR-99 HOV	Widen 6 to 8 lanes (inside/outside), including reconstruction of SR-99/Main Street and SR-99/Wilma Avenue interchanges and pedestrian overcrossing	SR-120 to Stanislaus County Line	\$150,000,000			2026	2032			
SJ18-1002	212-0000-0743			Caltrans	SR 99/120 Connector Project Phase 1B	Widen the northbound SR 99 to westbound SR 120 connector ramp from one-lane to two-lanes; Add an auxiliary lane in the existing median of westbound SR 120 from Main Street to SR 99; Convert the existing 99/120 separation structure to two lanes and construct a new separation structure to serve the eastbound 120 to northbound 99 connector ramp.)	On SR-120 from Main Street (P.M. 5.13) to SR-99 and on SR-99 from SR-120 to Olive Avenue (P.M. 6.22)	\$25,758,534		2019	2019	2026	X	X	
SJ11-1001				Caltrans	I-5 HOV	Widen from 6 to 8 lanes (inside median) including auxiliary lanes	Hammer Lane to North of Eight Mile Road	\$90,000,000			2009	2036	X		
SJ07-1005				Caltrans	I-5 HOV	Widen 6 to 8 lanes (inside)	French Camp Road to Charter Way	\$90,000,000			2030	2038	X		
SJ07-1006				Caltrans	I-5 HOV	Widen 6 to 8 lanes (inside)	Louise Avenue to French Camp Road	\$90,000,000			2032	2040	X		
SJ18-1003	212-0000-0744			Caltrans	SR 99/120 Connector Project Phase 1C	Add braided off ramps from SR 99 and SR 120 to Austin Road; Add loop on ramp from Austin Road to northbound SR 99 and to westbound SR 120; Add auxiliary lane on eastbound SR 120 from Main Street to SR 99; Add an auxiliary lane in each direction on SR 99 from SR 120 to approximately 1.7 mile south of Austin Road and relocate the frontage road.	On SR-120 from Main Street (P.M. 5.13) to SR-99 and on SR-99 from SR-120 to Olive Avenue (P.M. 6.22)	\$52,548,860		2019	2019	2042	X	X	
SJ14-1003				Caltrans	SR-99 Widening	Widen 4 to 6 lanes (inside) - ENVIRONMENTAL ONLY	Harney Lane to Turner Road	\$3,000,000							
								<b>\$1,065,103,868</b>							

**Table 6-2: 2022 Regional Transportation Project List - Interchange Improvements Category**

Identifiers		Project Information		Project Description		Project Limits		Cost to Deliver		Milestone Years				
2022 RTP MPO ID	CTIPS ID #	PPNO	Jurisdiction	Facility Name/Route				Total	FTIP Programming	NEPA Approval	Open to Traffic	MK Renewal Project	RTIF Project	
SJ07-2005			Lathrop	I-5 at Louise Avenue	Reconstruct interchange (PM 16.4-16.8)	I-5 at Louise Avenue		\$28,754,000	2024	2030	X			
SJ07-2004			Lathrop	I-5 at Lathrop Road	Reconstruct interchange (P.M. 17.3/17.8)	I-5 at Lathrop Road		\$39,146,000	2029	2035	X			
SJ14-2004			Lathrop	SR 120 at Yosemite Ave/Guthmiller Road	Reconstruct interchange	SR 120 at Yosemite Ave/Guthmiller Road		\$31,000,000	2020	2025				
SJ11-2015			Lodi	SR-99 at SR-12 West (Kettleman Lane)	Reconstruct interchange and widen to free-flowing interchange	SR-99 at SR-12 West (Kettleman Lane)		\$35,000,000	2030	2036	X			
SJ07-2006			Lodi	SR-99 at Harney Lane	Reconstruct interchange to provide 6 through lanes on SR-99, 4 lanes on Harney between Reynolds Ranch Pkwy and SR-99 and modify on-ramps and off-ramps	SR-99 at Harney Lane		\$35,000,000	2009	2028	2033	X		
SJ07-1020	112-0000-0347		Lodi	SR-99 at Turner Road	Reconstruct interchange to provide operational and safety improvements on SR-99 at Turner Road (PM 31.3/31.6)	SR-99 at Turner Road		\$6,331,338	2019	2020	2024	X		
SJ07-2009	212-0000-0231		Manteca	SR-120 at McKinley Ave	Construct new interchange	SR-120 at McKinley Avenue		\$37,850,000	2009	2014	2024	X	X	
SJ18-2001			Manteca	SR-120 at Airport Way	Reconstruct interchange	SR-120 at Airport Way		\$30,000,000	2029	2031	X			
SJ18-2002			Manteca	SR-120 at Main Street	Reconstruct interchange	SR-120 at Main Street		\$30,000,000	2031	2033	X			
SJ14-2001			Manteca	SR-99 at Raymus Expressway	Construction of new interchange - ENVIRONMENTAL ONLY	SR-99 at Raymus Expressway		\$3,000,000				X	X	
SJ11-2004	212-0000-0309		Stockton	I-5 at Hammer Lane	Interchange Modification and auxiliary lanes (PM 32.6)	I-5 at Hammer Lane		\$35,000,000	2007	2009	2036			
SJ11-2006	212-0000-0309		Stockton	I-5 at Otto Drive	Construction of a new interchange and auxiliary lanes (PM 33.3/34.2)	I-5 at Otto Drive		\$74,000,000	2007	2009	2036			
SJ07-2020	212-0000-0309		Stockton	I-5 at Eight Mile Road	Modification of interchange (P.M. 34.7/35.9)	I-5 at Eight Mile Road		\$35,000,000	2007	2009	2036			
SJ11-2002	212-0000-0562		Stockton	SR-99 at Eight Mile Road	Reconstruct Interchange (PM 35.1-35.5)	SR-99 at Eight Mile Road		\$85,836,686	2030	2036	X			
SJ11-2001	212-0000-0561		Stockton	SR-99 at Morada	Reconstruct interchange (PM 23.5-24.5)	SR-99 at Morada		\$74,000,000	2030	2036				
SJ11-2010	212-0000-0227		Tracy	I-205/Lammers Rd/Elleventh St	Construct Interchange I-205 at Elleventh street realign and widen Elleventh Street to 6-lanes north of Grant Line to Byron Road. Construct Aux lane Hansen to Elleventh; in WB I-205 Elleventh Street to Grant Line Road	Construct Interchange I-205 at Elleventh street realign and widen Elleventh Street to 6-lanes north of Grant Line to Byron Road. Construct Aux lane Hansen to Elleventh; in WB I-205 Elleventh Street to Grant Line Road		\$51,500,000	2007	2012	2028	X		
SJ14-2002			Tracy	I-580 at International Pkwy/Patterson Pass Road	Reconstruct interchange	I-580 at Mountain House Parkway		\$49,183,000	2015	2020	2025	X		
SJ14-2003			Tracy	I-205 at Mountain House/International Pkwy	Reconstruct interchange	I-205 at Mountain House Parkway		\$52,858,000	2015	2020	2028	X	X	
SJ11-2011			Tracy	I-205 at Grant Line Road	Modification of existing interchange Phase 1: Construct new interchange east-west ramps	I-205 at Grant Line Road		\$32,574,820	2022	2030				
SJ11-2012	212-0000-0228		Tracy	I-205 at Chrisman Rd	Modification of existing interchange - ENVIRONMENTAL ONLY	I-205 at Chrisman Rd		\$36,056,267	2009	2020	2028			
SJ18-2003			Tracy	I-205 / MacArthur Interchange modification	Modification of existing interchange - ENVIRONMENTAL ONLY	At MacArthur (PM 7.8 -PM 8.5)		\$2,500,000	2022	2035				

**Table 6-2: 2022 Regional Transportation Project List - Interchange Improvements Category**

Identifiers		Project Information			Project Description		Cost to Deliver		Milestone Years				
2022 RTP MPO ID	CTIPS ID #	PPNO	Jurisdiction	Facility Name/Route	Project Description	Project Limits	Total	FTP Programming	NEPA Approval	Open to Traffic	MK Renewal Project	RTIF Project	
SJ11-2031			Tracy	I-580 at Corral Hollow Road	Modification of existing interchange - <b>ENVIRONMENTAL ONLY</b>	I-580 at Coral Hollow Road	\$2,500,000	2022	2025				
SJ11-2032			Tracy	I-580 at Lammers Road	Construction of new interchange - <b>ENVIRONMENTAL ONLY</b>	I-580 at Lammers Road	\$3,500,000	2022	2030				
SJ22-2001			Tracy	I-580 at Iron Horse	Construction of new interchange - <b>ENVIRONMENTAL ONLY</b>	I-580 at Iron Horse	\$3,000,000	2022					
							<b>\$813,590,111</b>						

**Table 6-3: 2022 Regional Transportation Plan Project List - Regional Roadway Improvements Category**

Identifiers		Project Information			Project Description	Project Limits	Cost to Deliver		Milestone Years				
2022 RTP MPO ID	CTIPS ID #	PPNO	Jurisdiction	Facility Name/Route			Total		FTIP Programming	NEPA Approval	Open to Traffic	MK Renewal Project	RTIP Project
SJ07-3013			Escalon	Ullrey Avenue/McHenry Avenue Intersection	Reconstruct intersection, including addition of turn pockets, improvement of traffic signal and installation of train pre-emption system for UPRR railroad crossing.	Intersection of Ullrey Avenue and McHenry Avenue including UPRR railroad crossing.	\$1,151,725		2022	2024		X	
SJ07-3011	212-0000-0228		Escalon	SR 120/Brennan Ave Intersection	Intersection improvements	SR-120 at Brennan Avenue	\$513,745		2020	2026			
SJ07-3014			Lathrop	Golden Valley Parkway	Construct new roadway parallel to I-5, 2 lanes from Brookhurst Blvd to Stewart Road	Along Northwest side of I-5 from Brookhurst Blvd to Stewart Road	\$8,637,938		2018	2026			
SJ14-3001			Lathrop	Golden Valley Parkway	Construct new roadway parallel to I-5, 4 lanes from Stewart Road to Paradise Road	Along Northwest side of I-5 from Stewart Road to Paradise Road	\$51,827,628		2018	2028			
SJ07-3014			Lathrop	Golden Valley Parkway	Widen from 2 to 4 lanes, from Brookhurst Blvd to Stewart Road	Along Northwest side of I-5 from Brookhurst Blvd to Stewart Road	\$8,637,938		2018	2030			
SJ07-3018			Lodi	Harney Lane	Widen from 2/3 lane collector to 4-lane divided arterial	Hutchins Street to Lower Sacramento Road	\$21,181,016	2009	2016	2026		X	
SJ07-3022			Lodi	Victor Road (SR-12)	Widen from 2 to 4 lanes. Add center dual left turn lane, turn pockets at intersections and median separation with landscape	Between SR 99 to Central California Traction railroad tracks.	\$7,000,000		2030	2034		X	
SJ07-3017			Lodi	Ham Lane	Widen 2/3 lanes to 4 lanes	From Lodi Avenue to Elm Street	\$3,000,000			2037		X	
SJ11-3010			Manteca	Atherton Drive	Construct new 4 lane roadway (gap closure)	East of Airport Way to Union Road	\$2,857,660		2010	2042			
SJ07-3023			Manteca	Airport Way	Widen from 2 to 4 lanes	SR-120 to Yosemite Ave.	\$10,411,185		2010	2022			
SJ11-3008			Manteca	Airport Way	Widen from 2 to 4 lanes	Lathrop Road to Roth Road	\$7,559,898		2012	2022		X	
SJ07-3027			Manteca	Louise Avenue	Widen from 2 to 4 lanes	Main Street to SR-99	\$1,752,926		2022	2023		X	
SJ11-3011			Manteca	Atherton Drive	Construct new 4 lane roadway	McKinley Ave to West of Airport Way	\$1,261,305		2012	2023			
SJ07-3024			Manteca	Lathrop Road	Widen from 2 to 4 lanes	From East of UPRR to SR-99	\$3,546,894		2016	2024			
SJ11-3014			Manteca	Raymus Expressway	Construct new 4-lane expressway	Main Street to SR-99	\$10,761,268		2017	2026			X
SJ14-3003			Manteca	Airport Way	Widen from 2 to 4 lanes	Yosemite Ave. to Lathrop Road	\$7,287,829		2010	2027			
SJ11-3013			Manteca	Raymus Expressway	Construct new 2 lane expressway	SR-120 to Woodward Ave	\$3,226,198		2017	2028			X
SJ11-3012			Manteca	Atherton Drive	Construct new 4 lane roadway	Woodward Ave to McKinley Ave	\$4,976,800		2019	2029			
SJ11-3015			Manteca	Raymus Expressway	Construct new 2 lane expressway	Woodward Ave to Main Street	\$10,000,000		2019	2031			X
SJ14-3004			Manteca	Airport Way	Widen from 4 to 6 lanes	SR 120 to Lathrop Road	\$10,000,000		2010	2036			
SJ11-3017			Ripon	Jack Tone Road, Phase 1	Widen from 2 to 6 lanes	Santos Road to South Clinton Avenue	\$10,941,388		2013	2025			
SJ11-3019			Ripon	Garrison Road Gap Closure	Construct 2-lane extension of Garrison Road.	Maple Avenue to 500 ft east of Acacia Avenue	\$3,455,175		2014	2025			
SJ07-3137			Ripon	W. Ripon Road	Widen from 2 to 6 lanes	Jack Tone Road to Olive Expressway	\$11,517,251		2020	2024			
SJ14-3006			Ripon	Canal Boulevard Extension	Construct 4-lane extension of Canal Boulevard	Jack Tone Road to Olive Expressway	\$5,297,935		2013	2026			X
SJ07-3137			Ripon	Olive Expressway	Construct 6-lane Olive Expressway - ENVIRONMENTAL ONLY	Canal Boulevard to Raymus Expressway	\$3,000,000						X
SJ11-3029			San Joaquin County	Howard Road	Passing lanes and channelization	Tracy Blvd to Matthews Road	\$17,275,876		2021	2023			
SJ14-3005			San Joaquin County	Grant Line Road Corridor Improvements	Realign roadway and widen from 2 to 4 lanes with operational and safety improvements	Tracy City Limits to 11th Street	\$31,625,218			2023		X	
SJ11-3031			San Joaquin County	Tracy Boulevard	Passing lanes and channelization	I-205 to Howard Road	\$5,758,625		2023	2025			
SJ11-3027			San Joaquin County	Eleventh Street	Operational and safety improvements along corridor and at intersections	Tracy City Limits to I-5	\$17,781,483		2023	2028		X	X
SJ07-3154			San Joaquin County	Roth Road	Widen from 2 to 4 lanes with shoulders	UPRR to Airport Way	\$5,388,861			2028			
SJ11-3008			San Joaquin County	Airport Way	Widen from 2 to 4 lanes	Roth Road to French Camp Road	\$10,000,000			2036		X	
SJ11-3007			San Joaquin County	Escalon Bellota Road	Widen 2 to 4 lanes with shoulders	Escalon City Limits to Mariposa Road	\$17,000,000			2036		X	
SJ11-3030			San Joaquin County	Mariposa Road	Widen roadway from 2 to 3 lanes and widen BNSF railroad grade separation from 2 to 4 lanes	Austin Road to Jack Tone Road	\$24,000,000		2032	2037		X	
SJ07-3084			Stockton	Morada Lane	Widen from 3 to 6 lanes	West Ln to UPRR	\$9,793,203			2026			
SJ07-3093			Stockton	Alpine Avenue	Widen from 2 to 4 lanes with a middle turn lane. Construct curb, gutter, sidewalks and driveways.	UPRR (SPRR) to Wilson Way	\$20,716,390			2026			
SJ11-3044			Stockton	Arch Road	Widen from 2 to 6 lanes	Fite Court to Frontier Way	\$1,757,754			2026			
SJ11-3045			Stockton	Arch Road	Widen from 2 to 6 lanes	Frontier Way to SR-99	\$5,524,371			2026			
SJ07-3078			Stockton	Maranatha Dr	Construction of new 4 lane road	March Ln to Hammer Ln	\$7,407,679			2026			

**Table 6-3: 2022 Regional Transportation Plan Project List - Regional Roadway Improvements Category**

Identifiers	2022 RTP IMPO ID	CTPS ID #	PPNO	Project Information		Project Description	Project Limits	Cost to Deliver	Total	Milestones	FTIP Programming	NEPA Approval	Open to Traffic	MK Renewal Project	RTIP Project
				Jurisdiction	Facility Name/Route					Years					
SJ11-3062				Stockton	Maranatha Dr	Construction of new 4 lane road	Wilson Way to March Ln		\$13,057,604				2026		
SJ11-3056				Stockton	Lower Sacramento Rd	Widen from 4 to 6 lanes	Armor Dr to Morada Ln		\$5,147,709				2026	X	
SJ11-3039				Stockton	Lower Sacramento Rd	Widen from 2 to 6 lanes	Marlette Rd to Pixley Slough		\$29,128,500				2026	X	
SJ11-3055				Stockton	Lower Sacramento Rd	Widen from 4 to 6 lanes	Morada Ln to Hammer Ln		\$20,000,000				2031		
SJ07-3088				Stockton	Airport Way	Intersection and operational improvements	Harding Way to Industrial Rd		\$7,975,894				2031	X	
SJ11-3047				Stockton	Eight Mile Rd	Widen from 2 to 4 lanes	New Road D to New Road F		\$3,013,293				2026		
SJ11-3048				Stockton	Eight Mile Rd	Widen from 2 to 4 lanes	New Road F to New Road E		\$5,775,479				2026		
SJ11-3050				Stockton	Eight Mile Rd	Widen from 5 to 6 lanes	I-5 to Thornton Rd		\$12,000,000				2036	X	
SJ07-3094				Stockton	Eight Mile Rd	Widen from 2 to 4 lanes	Thornton Road to Lower Sacramento Rd		\$30,000,000				2036	X	
SJ11-3061				Stockton	Eight Mile Rd	Widen from 2 to 6 lanes	Lower Sacramento Rd to West Lane		\$9,000,000				2036	X	
SJ07-3095				Stockton	Eight Mile Rd	Widen from 2 to 6 lanes	West Ln to Holman Rd		\$15,000,000				2036	X	
SJ11-3051				Stockton	Eight Mile Rd	Widen from 2 to 6 lanes	Holman Rd to SR 99		\$20,000,000				2036	X	
SJ07-3089				Stockton	Arch Road	Widen from 2 to 6 lanes	Newcastle Rd to Fite Court		\$9,000,000				2036		
SJ11-3053				Stockton	French Camp Road	Widen from 2 to 6 lanes	Wolfe Rd to Manthey Rd		\$10,000,000				2036		
SJ11-3063				Stockton	March Ln Extension	Construction of new 8 lane road	Holman Rd to SR 99		\$30,000,000				2036		
SJ18-3001				Stockton	Mariposa Road	Widen from 2 to 4 lanes	Stagecoach Road to Austin Road		\$49,637,664				2036	X	
SJ18-3002				Tracy	International Parkway	Widen from 2 to 4 lanes, including reconstruction of Delta-Mendota Canal and California Aqueduct bridges	I-205 to I-580		\$40,310,377				2024		
SJ07-3110				Tracy	Corral Hollow Road	Widen from 2 to 4 lanes	Parkside Drive to Linne Road		\$26,382,359				2023	X	
SJ07-3109				Tracy	Schulte Road	Extend 4 lane roadway	Faith Lane (San Marco Subdivision limits) to Lammers Road		\$19,506,767				2030	X	
SJ07-3107				Tracy	Grant Line Road	Widen from 5 to 6 lanes	Naglee Road to Lammers Road		\$7,362,337				2030	X	
SJ22-3107				Tracy	Grant Line Road	Widen from 3 to 4 lanes	Byron Road to Lammers Road		\$7,362,337				2026	X	
SJ07-3181				Tracy	Corral Hollow Road Widening	Widen 2 to 4 lanes including ROW and construction of two bridges	Linne Road to I-580		\$44,125,289				2026		
SJ11-3067				Tracy	MacArthur Drive	Extend 4 lane roadway on new alignment and construct railroad grade separation	Mt. Diablo Road to Eleventh Street		\$25,000,000				2034	X	
SJ07-3183				Tracy	Tracy Blvd.	Widen from 4 lane minor arterial to 4-lane major arterial	I-205 to Eleventh Street		\$20,041,667				2030		
									<b>\$842,660,438</b>						

**Table 6-4: 2022 Regional Transportation Plan Project List - Railroad Crossing Safety Improvements Category**

Identifiers	2022 RTP MPO ID	CTIPS ID #	PPNO	Project Information		Project Description	Project Limits	Cost to Deliver		Milestone Years				
				Jurisdiction	Facility Name/Route			Total	Total	FTIP Programming	NEPA Approval	Open to Traffic	Mk Renewal Project	RTIF Project
SJ07-4003				Escalon	Escalon BNSF Grade Separation	Construct a grade separation in Escalon at the BNSF Railroad	On Yosemite Avenue (SR-120) and on McHenry Avenue at BNSF	\$33,500,000				2041	X	
SJ07-4008				Manteca	Airport Way/UPRR	Construct five lane grade separation over the UPRR	Airport Way/UPRR between Louise Avenue and Northgate Drive	\$23,250,000		2030	2034		X	
SJ11-4001				San Joaquin County	Lower Sacramento Road/UPRR (near Woodson Road)	Replace grade separation of roadway and railway	Lower Sacramento Road/UPRR (near Woodson Road)	\$42,000,000		2028	2035			
SJ07-4014				Stockton	Alpine Road/UPRR (West)	Construct at-grade quiet zone improvements	On Alpine Avenue at UPRR west of Coronado Avenue	\$4,000,000				2030	X	
SJ07-4017				Stockton	Alpine Ave/UPRR (East)	Construct a 4 lane grade separation	On Alpine Ave at UPRR between West Lane and Montego Avenue	\$50,683,065				2038	X	
SJ07-4027				Stockton	West Lane at UPRR	Construct a 6 lane grade separation	On West Lane between Alpine Avenue & El Pinal Drive/Klinger Road	\$44,230,000						
								<b>\$197,663,065</b>						

**Table 6-5: 2022 Regional Transportation Plan Project List - Bus Transit Improvements Category**

Identifiers		Project Information		Facility Name/Route	Project Description	Project Limits	Cost to Deliver		Milestone Years		
2022 RTP MPO ID	CTIPS ID #	PPNO	Jurisdiction				Total		FTIP Programming	NEPA Approval	Completion
SJ11-5002			Escalon	eTrans Transit Operations	Costs associated with eTrans demand responsive & fixed route transit system	Cities of Escalon and Modesto	\$9,225,905				
SJ14-5001			Escalon	eTrans Capital Improvements	Bus Replacements, passenger amenities, and miscellaneous equipment	City of Escalon	\$1,419,370				
SJ07-5002	212-0000-0155		Lodi	Grapeline Capital	Bus stop shelters/improvements	City of Lodi	\$11,922,708				
SJ07-5004	212-0000-0299		Lodi	Grapeline Capital	Transit facility upgrades	City of Lodi	\$5,109,732				
SJ07-5005			Lodi	Grapeline Capital	Transit Station Expansion	City of Lodi	\$3,548,425				
SJ07-5006	212-00000-0154		Lodi	Grapeline Operating	Costs associated with Grapeline fixed route and Paratransit/Dial-A-Ride services	City of Lodi	\$177,421,255				
SJ18-5002			Lodi	Transit Facilities Safety & Security System	Safety and security for Lodi Grapeline service	City of Lodi	\$1,277,433				
SJ18-5003			Lodi	Southwest Transit Transfer Station	Construct transit transfer station in southwest Lodi	City of Lodi	\$1,064,528				
SJ18-5004			Lodi	Bus Replacements	Purchase replacement buses	City of Lodi	\$42,581,101				
SJ18-5050			Lodi	Grapeline Capital	Bicycle Support Program	City of Lodi	\$283,874				
SJ18-5051			Lodi	Grapeline Capital	Radio/Communication Upgrade	City of Lodi	\$425,811				
SJ18-5052			Lodi	Grapeline Capital	Intelligent Transportation System (ITS) upgrades	City of Lodi	\$2,554,866				
SJ18-5053			Lodi	Grapeline Capital	CNG Fuel upgrades	City of Lodi	\$851,622				
SJ18-5054			Lodi	Grapeline Capital	Bus Wash upgrades	City of Lodi	\$567,748				
SJ07-5015	212-0000-0681		Manteca	Passenger Amenities	Bus shelters/pedestrian facilities, bike facilities, lighting and multifunctional landscaped area.	City of Manteca	\$14,193,700				
SJ07-5016	212-0000-0300		Manteca	Safety and Security	Costs associated with Safety/Security/ITS	City of Manteca	\$4,258,110				
SJ07-5017	212-0000-0235		Manteca	Manteca Transit Rolling Stock	Purchase of replacement and new buses	City of Manteca	\$19,871,181				
SJ07-5018	212-0000-0213		Manteca	Manteca Transit System Operations	Costs associated with the Operations and administration of Dial-A-Ride and fixed route service in Manteca	City of Manteca	\$120,646,454				
SJ14-5031	212-0000-0694		Manteca	Bus Maintenance & Storage Facility	Construct a bus maintenance and storage facility	City of Manteca	\$6,812,976				
SJ18-5006			Manteca	Manteca Transit Planning	Costs to support transit planning efforts to update the City of Manteca Short-Range Transit Plan every four years	City of Manteca	\$1,078,721				
SJ18-5007			Manteca	Bus Enhancements	Enhancements for Manteca Transit buses	City of Manteca	\$5,500,059				
SJ18-5008			Manteca	Travel Training	Training to assist customers in using transit services	City of Manteca	\$1,693,560				
SJ18-5009			Manteca	Transit Center Improvements	Construct improvements at Manteca Transit Center	City of Manteca	\$7,112,953				
SJ07-5019			Ripon	Ripon Blossom Express Operations	Costs associated with the delivery of a fixed route transit system	Cities of Ripon and Modesto	\$2,838,740				
SJ18-5010			Ripon	Ripon Dial-A-Ride Operations	Costs associated with the delivery of a Dial-A-Ride service in Ripon	City of Ripon	\$2,838,740				
SJ18-5011			Ripon	Ripon Bus Purchases	Purchase of replacement and expansion buses	City of Ripon	\$5,961,354				
SJ18-5012			Ripon	Transit Capital Improvements	Construct benches, shelters, and transit maintenance facility	City of Ripon	\$5,407,800				
SJ18-5013			Ripon	Ripon Multimodal Station	Construct Multimodal Station	City of Ripon	\$8,232,346				
SJ22-5001			RTD	Bus Electrification / Power Distribution	Renewable energy solutions for facility & fleet energy consumption	San Joaquin County	\$7,875,000				
SJ22-5002			RTD	Bus Electrification / Power Distribution	Charging infrastructure will be needed if RTD replaces commuter bus with zero-emission electric bus. Depending on the bus purchase the following is an estimated infrastructure cost.	San Joaquin County	\$7,500,000				
SJ22-5003			RTD	Bus Electrification / Power Distribution	Hydrogen and lease of the trailer	San Joaquin County	\$1,750,000				
SJ22-5004			RTD	Bus Electrification / Power Distribution	Battery energy storage systems	San Joaquin County	\$8,344,402				



**Table 6-5: 2022 Regional Transportation Plan Project List - Bus Transit Improvements Category**

Identifiers		Project Information		Jurisdiction	Facility Name/Route	Project Description	Project Limits	Cost to Deliver		Milestone Years		
2022 RTP MPO ID	CTIPS ID #	PPNO						Total		FTIP Programming	NEPA Approval	Completion
SJ22-5005				RTD	Bus Rolling Stock - Buy / Replacement / Rehab / Rebuild	Replace 14 GILLIG diesel-electric hybrid buses with zero-emission - electric buses in BRT fleet	Stockton Metropolitan Area	\$19,600,000				
SJ22-5006				RTD	Bus Rolling Stock - Buy / Replacement / Rehab / Rebuild	Replace 2 Protera - EcoRide BE-35 (SMA)	San Joaquin County	\$2,800,000				
SJ22-5007				RTD	Bus Rolling Stock - Buy / Replacement / Rehab / Rebuild	Replace 2 MCI 34500 (Commuter)	San Joaquin County to Bay Area	\$2,800,000				
SJ22-5008				RTD	Bus Rolling Stock - Buy / Replacement / Rehab / Rebuild	Replace 6 Nova Hybrid LF Articulated (SMA)	San Joaquin County	\$9,600,000				
SJ22-5009				RTD	Bus Rolling Stock - Buy / Replacement / Rehab / Rebuild	Replace 6 Starcraft/Ford Transit 350 HD (Van Go)	San Joaquin County	\$1,650,000				
SJ22-5010				RTD	Bus Rolling Stock - Buy / Replacement / Rehab / Rebuild	Replace 22 Glabel Titan II LF (Hopper)	San Joaquin County	\$6,050,000				
SJ22-5011				RTD	Bus Rolling Stock - Buy / Replacement / Rehab / Rebuild	Replace 14 Glaval/Ford Transit 350 HD (Van Go)	San Joaquin County	\$3,850,000				
SJ22-5012				RTD	Bus Rolling Stock - Buy / Replacement / Rehab / Rebuild	Replace 6 ADA cut-away gasoline	San Joaquin County	\$1,650,000				
SJ22-5013				RTD	Bus Rolling Stock - Buy / Replacement / Rehab / Rebuild	Replace 12 cutaway buses used by United Cebreal Palsy to transport individuals who would otherwise use SMA paratransit	San Joaquin County	\$1,860,000				
SJ22-5014				RTD	Bus Rolling Stock - Buy / Replacement / Rehab / Rebuild	Provide infrastructure to accommodate future replacement of cutaway buses	San Joaquin County	\$1,576,200				
SJ22-5015				RTD	Bus Rolling Stock - Buy / Replacement / Rehab / Rebuild	Bus component rebuild and parts	San Joaquin County	\$1,381,408				
SJ22-5016				RTD	Bus Rolling Stock - Buy / Replacement / Rehab / Rebuild	Hybrid electric buses (5 new/additional buses)	San Joaquin County	\$2,750,000				
SJ22-5017				RTD	Safety and Security	To upgrade surveillance/security camera system at RTD's facilities and bus station/stops; to purchase assessment service, management tool, software and equipment to improve RTD's cyber security.	San Joaquin County	\$1,064,500				
SJ22-5018				RTD	Safety and Security	Purchase and/or replace disinfecting chemical vehicle foggers and other misc. safety-related equipment	San Joaquin County	\$250,000				
SJ22-5019				RTD	Safety and Security	Security guard radios	San Joaquin County	\$18,000				
SJ22-5020				RTD	Safety and Security	Pedestrian collision and avoidance detection system and other safety/security related project with 5% annual increase	San Joaquin County	\$5,082,293				
SJ22-5021				RTD	Communication System, Fare Collection (Mobile), Computer Software & Hardware, and Misc. Equipment	Bus video standardization system	San Joaquin County	\$4,500,404				
SJ22-5022				RTD	Communication System, Fare Collection (Mobile), Computer Software & Hardware, and Misc. Equipment	Scoping consulting to provide suggestions/planning on new ERP that will provide Integrated Financial and administrative solution	San Joaquin County	\$100,000				
SJ22-5023				RTD	Communication System, Fare Collection (Mobile), Computer Software & Hardware, and Misc. Equipment	To purchase and install support equipment for bus and facilities. This includes computers and software, ERP, procurement and HR management systems and other misc. equipment	San Joaquin County	\$5,135,000				
SJ22-5024				RTD	Communication System, Fare Collection (Mobile), Computer Software & Hardware, and Misc. Equipment	Computer, printer, scanner, camera, video, smartphone, office furniture. Transit vehciel public display monitor system, non-revenue vehicle GPS and other misc. items 5% annual increase	San Joaquin County	\$4,663,699				
SJ22-5025				RTD	Communication System, Fare Collection (Mobile), Computer Software & Hardware, and Misc. Equipment	Transit vehicle public display monitor system project	San Joaquin County	\$750,000				
SJ22-5026				RTD	Planning / Study / Training, Outreach and Research Projects	Transit asset management system update	San Joaquin County	\$28,000				

**Table 6-5: 2022 Regional Transportation Plan Project List - Bus Transit Improvements Category**

Identifiers	2022 RTP MPO ID	CTIPS ID #	PPNO	Project Information		Project Description	Project Limits	Cost to Deliver		Milestone Years		
				Jurisdiction	Facility Name/Route			Total		FTIP Programming	NEPA Approval	Completion
SJ22-5027				RTD	Planning / Study / Training, Outreach and Research Projects	Hydrogen fuel cell electric bus training	San Joaquin County	\$269,000				
SJ22-5028				RTD	Planning / Study / Training, Outreach and Research Projects	Service equity analysis of the future changes including service restoration and expansions for Fixed Route in Stockton Metropolitan Area and Intercity	San Joaquin County	\$75,000				
SJ22-5029				RTD	Planning / Study / Training, Outreach and Research Projects	RTD's Title VI Program update as required by FTA every 4 years	San Joaquin County	\$100,000				
SJ22-5030				RTD	Operating Costs	Costs associated with BRT, SMA, Intercity and County Hopper, Interregional Commuter, Dial-A-Ride, Van GO!, Operations	SMA, San Joaquin County, San Joaquin County to Bay Area	\$258,855,400				
SJ22-5031				RTD	Facilities Improvement and Update	Bus stations/stops/terminals	San Joaquin County	\$1,665,248				
SJ22-5032				RTD	Facilities Improvement and Update	Install new benches, shelters, and other amenities	San Joaquin County	\$1,750,000				
SJ22-5033				RTD	Facilities Improvement and Update	Cost associated with capital improvement and upgrade at RTD's admin and maintenance facilities	San Joaquin County	\$2,000,000				
SJ22-5034				RTD	Facilities Improvement and Update	Projection for the next 5 year rehabilitation/renovations at RTD's admin and maintenance facilities	San Joaquin County	\$17,044,525				
SJ22-5035				RTD	Support Vehicles - Acquisition / Rehab / Renovation	To purchase, refurb and rehab support vehicles for RTD's admin/maintenance	San Joaquin County	\$1,500,000				
SJ22-5036				RTD	Future Operations	Future Operations	San Joaquin County	\$1,094,697,688				
SJ22-5037				RTD	Future Capital	Future Capital	San Joaquin County	\$1,094,697,688				
SJ07-5049				Tracy	TRACER Capital	Purchase replacement buses	Purchase 3 buses every 5 year period	\$8,516,220	2007			
SJ07-5055	212-0000-0149			Tracy	TRACER Operations	Costs associated with the delivery of fixed route and paratransit services including salaries, contracting of service, equipments, etc.	City of Tracy	\$136,937,007				
SJ22-5038				Tracy	Maintenance Facility	Build a maintenance, storage, and fueling facility	City of Tracy	\$5,000,000				
SJ07-5056				Tracy	Tracy Transit Planning	Costs to support transit planning efforts to update the City of Tracy Short-Range Transit Analysis and Action Plan every five years	City of Tracy	\$1,064,528				
SJ18-5022				Tracy	TRACER Grant Management and Administration	Costs to support transit service administration and Grant Management	City of Tracy	\$45,100,483				
SJ18-5023				Tracy	TRACER Capital	Construction of bus stop improvements every five years	Various locations in City of Tracy	\$10,645,275				
								<b>\$3,247,248,040</b>				



**Table 6-6: 2022 Regional Transportation Plan Project List - Rail Corridor Improvements Category**

Identifiers	2022 RTP MPO ID	CTIPS ID #	PPWO	Project Information		Project Description	Project Limits	Cost to Deliver		Milestone Years		
				Jurisdiction	Facility Name/Route			Total		FTIP Programming	NEPA Approval	Completion Date
SJ18-6001				SJRRC	Lathrop/Manteca Station Platform Extension project	Lengthen platform at current Lathrop/Manteca Station to allow for eight car train capacity	Lathrop/Manteca		\$1,725,954			2022
SJ18-6002				SJRRC	Tracy Station Platform Extension project	Lengthen platform at current Tracy Station to allow for eight car train capacity	City of Tracy		\$1,725,954			2022
SJ07-6022				SJRRC	Lathrop Transfer Station	Lathrop Transfer Station- Between ACE and Central Valley Service	City of Lathrop		\$25,781,914			2022
SJ18-6003				SJRRC	Manteca Station Project - Platform		City of Manteca		\$6,490,057			2022
SJ18-6004				SJRRC	Manteca Station Project - Parking		City of Manteca		\$2,483,922			2022
SJ18-6005				SJRRC	Ripon Station Project - Platform		City of Ripon		\$6,532,619			2022
SJ18-6006				SJRRC	Ripon Station Project - Parking		City of Ripon		\$5,706,805			2022
SJ18-6007				SJRRC	2nd Main Ripon to Modesto		Ripon to Modesto		\$5,544,633			2022
SJ18-6008				SJRRC	Rolling stock associated with SB 132		Ripon to Lathrop		\$68,847,356			2026
SJ18-6010				Tri-Valley / SJV	Altamont Pass Corridor	Environmental document for transit connectivity	Between BART and ACE in Tri-Valley		\$6,745,773			2022
SJ18-6011				Tri-Valley / SJV	Altamont Pass Corridor	Improve the Union Pacific Railroad right-of-way from the San Joaquin County Line for a passenger rail service. Construction of a station and platform to accommodate the new passenger rail service with parking and access onto Patterson Pass Road. Construction of an operations and maintenance facility at Hanson Road in Tracy along the alignment.	Between BART and ACE in Tri-Valley		\$157,947,449			2025
									<b>\$1,484,605,791</b>			

**Table 6-7: 2022 Regional Transportation Plan Project List - Public Airport-Aviation Projects Category**

Identifiers	2022 RTP MPO ID	Project Information		Project Description	Cost to Deliver		Milestone Years	
		Jurisdiction	Facility Name/Route		Total		NEPA Approval	Completion
SJ18-7001		San Joaquin County	Stockton Metro Airport	Extend Taxiway B to Runway 29R end	\$6,043,100			2022
SJ18-7002		San Joaquin County	Stockton Metro Airport	Terminal Apron Extension	\$4,599,600			2022
SJ18-7003		San Joaquin County	Stockton Metro Airport	Widen Cargo Apron (includes Environmental Assessment)	\$9,637,302			2022
SJ18-7004		San Joaquin County	Stockton Metro Airport	Airport Security System Replacement	\$1,166,300			2022
SJ18-7005		San Joaquin County	Stockton Metro Airport	Taxiway B & Taxiway F Realignment	\$10,284,300			2022
SJ18-7006		San Joaquin County	Stockton Metro Airport	Terminal Modernization and Expansion - Phase 1	\$10,000,000			2022
SJ18-7007		San Joaquin County	Stockton Metro Airport	Runway 11L-29R & Runway 11R-29L Rehabilitation (Crack & Slurry Seal)	\$956,100			2022
SJ18-7008		San Joaquin County	Stockton Metro Airport	Pavement Reconstruction / Rehabilitation - Various Taxiways - Phase 1	\$105,933			2022
SJ18-7009		San Joaquin County	Stockton Metro Airport	Pavement Reconstruction / Rehabilitation - Various Aprons - Phase 1	\$6,548,667			2022
SJ18-7010		San Joaquin County	Stockton Metro Airport	Terminal Modernization and Expansion - Phase 2	\$10,000,000			2022
SJ18-7011		San Joaquin County	Stockton Metro Airport	Pavement Reconstruction / Rehabilitation - Various Taxiways - Phase 2	\$105,933			2022
SJ18-7012		San Joaquin County	Stockton Metro Airport	Pavement Reconstruction / Rehabilitation - Various Aprons - Phase 2	\$6,548,667			2023
SJ18-7013		San Joaquin County	Stockton Metro Airport	Taxiway M & L Decommissioning & Taxiway Nomenclature	\$138,700			2023
SJ18-7014		San Joaquin County	Stockton Metro Airport	Pavement Reconstruction / Rehabilitation - Various Taxiways - Phase 3	\$105,933			2024
SJ18-7015		San Joaquin County	Stockton Metro Airport	Pavement Reconstruction / Rehabilitation - Various Aprons - Phase 3	\$6,548,667			2024
SJ18-7016		San Joaquin County	Stockton Metro Airport	Taxiway B East (partial) & West Reconstruction	\$16,823,000			2025

**Table 6-7: 2022 Regional Transportation Plan Project List - Public Airport-Aviation Projects Category**

Identifiers	2022 RTP MPO ID	Project Information		Project Description	Cost to Deliver		Milestone Years	
		Jurisdiction	Facility Name/Route		Total	NEPA Approval	Completion	
SJ18-7017		San Joaquin County	Stockton Metro Airport	Runway 11R-29L Rehabilitation (Crack & Slurry Seal)	\$241,400			2026
SJ18-7018		San Joaquin County	Stockton Metro Airport	Taxiway D Extension - Phase 1 Environmental & Design	\$643,400			2027
SJ18-7019		San Joaquin County	Stockton Metro Airport	Taxiway D Extension - Phase 2 Construction	\$6,726,900			2028
SJ14-7019		Tracy	Tracy Municipal Airport	Install Helicopter Pad	\$126,000			2023
SJ14-7020		Tracy	Tracy Municipal Airport	Aircraft Wash Facility	\$98,000			2023
SJ14-7021		Tracy	Tracy Municipal Airport	Perimeter Fencing (1,100LF)	\$44,000			2023
SJ14-7022		Tracy	Tracy Municipal Airport	Build Permanent Public Restrooms	\$220,500			2023
SJ14-7023		Tracy	Tracy Municipal Airport	FBO Office - Repair FBO Building	\$1,016,946			2023
SJ14-7024		Tracy	Tracy Municipal Airport	Land Acquisition Identified in Airport Master Plan, Canal Ar	\$21,848,504			2023
					<b>\$120,577,852</b>			

**Table 6-8: 2022 Regional Transportation Plan Project List - Active Transportation and Community Enhancement Projects Category**

Identifiers	2022 RTP MPO ID	CTIPS ID #	Project Information		Project Description	Project Limits	Cost to Deliver		Milestones Years		
			Jurisdiction	Facility Name/Route			Total		FTIP Programming	NEPA Approval	Completion
SJ22-8001			Lathrop	Various	Lathrop Active Transportation Plan	City limits	\$190,000				2024
SJ22-8002			SJ County	Country Club Blvd	Country Club Blvd Complete Streets Corridor Plan	Country Club Blvd	\$242,400				2024
SJ22-8003			Stockton	Various	Greater Downtown Bike and Ped Connectivity Project	Downtown Stockton	\$1,798,560				2024
SJ22-8004			Stockton	Various	Downtown East-West Connection	Downtown Stockton	\$1,799,460				2024
SJ22-8005			Ripon	Various	Ripon Safe Routes to School Improvements	City limits	\$1,314,859				2024
SJ22-8006			SJ County	Main St	Road Diet/Buffered Bike Lanes	Main St / Henry Elementary School	\$253,000				2024
SJ22-8007			Lathrop	Various	Class II Bikeway to ACE Station	Downtown	\$1,001,000				2024
SJ22-8008			Escalon	Main Street	Bike and Pedestrian Improvements	Main Street in Escalon	\$1,998,760				2024
SJ22-0809			Tracy	Holly Drive	Pedestrian and Bikeway Improvements	Holly Drive through Tracy	\$1,632,000				2024
SJ22-8010			Lodi	Garfield Street	Safe Route to School Project	Garfield Street through Lodi	\$705,000				2024
SJ22-8011			SJRRC	East Channel Street	Streetscape and Connectivity Project	East Channel Street, between RTD Downtown Station and Cabral ACE Station	\$4,515,058				2024
SJ22-8012			Stockton	Various	Safe Routes to School Safety and Connectivity Improvements	City limits	\$1,495,393				2024
SJ22-8013			Stockton	California Street	Separated Bikeway Project Phase 2	California Street	\$2,000,000				2024
SJ22-8014			Manteca	Various	Manteca Safe Routes to School - Pedestrian Safety Improvements	City limits	\$1,500,000				2024
SJ07-8021			Various	Miscellaneous regional bicycle, pedestrian, and safe routes to school facilities and programs	Specific projects are listed in the 2012 Regional Bicycle, Pedestrian, Safe Routes to School Master Plan and local agency bike plans subject to updates and competitive project selection.	Various locations throughout San Joaquin County	\$242,421,823				
SJ14-8001			Various	Miscellaneous regional community enhancement projects	Specific streetscape and community enhancement projects are subject to competitive project selection.	Various locations throughout San Joaquin County	\$121,210,911				
<b>TOTAL</b>							<b>\$384,078,224</b>				

**Table 6-9: 2022 Regional Transportation Plan Project List - Transportation Control Measure Category**

Identifiers	2022 RTP MPO ID	PROJECT INFORMATION	Jurisdiction	Project Name	Project Description	Cost to Deliver		Milestone Years	
						Total	Completion		
SJ14-9001			Lathrop	Golden Valley Parkway & Lathrop Road Intersection Improvements	Install traffic signal and interconnect four signals				
SJ14-8018			Lodi	Citywide Bicycle Facilities Detection Improvement Project	Install video detection of bicyclists at and green painted bicycle lanes at signalized intersections				
SJ14-9002			Ripon	Colony/Hoff Traffic Signal Project	Install traffic signal				
SJ14-9003			San Joaquin County	SR 26 and Jack Tone Road Roundabout	Install roundabout				
SJ14-9004			San Joaquin County	SR 4 and Jack Tone Road Roundabout	Install roundabout				
SJ14-6006			SJRRC	Robert J. Cabral Station Expansion	Construct park and ride lot				
SJ22-5003			SJRTD	RTD Solar Power Project	Construct solar power facilities to charge battery electric buses				
SJ14-8001			Stockton	Miner Avenue Complete Street	Install complete street improvements on Miner Avenue				
SJ14-8015			Stockton	March Lane/EBMUD Bicycle and Pedestrian Path Connectivity Improvements	Reconstruct, widen, and improve existing pathway to Class I Bicycle and Pedestrian Path standards. Install intersection and midblock improvements, high visibility crosswalks, striping, gap closures, upgrade of ADA ramps, flashing beacons, and wayfinding signage				
SJ14-8016			Stockton	Closing Gaps to Schools	Construct curb, gutter, and sidewalk to close sidewalk gaps along routes to schools. Install or upgrade curb ramps for ADA compliance. Upgrade drainage, crosswalks, and school approach signage as needed				
SJ14-8017			Stockton	Bear Creek and Pixley Slough Bicycle and Pedestrian Path	Install new bicycle facilities and upgrade various existing bicycle facilities.				
SJ14-9005			Stockton	Real-time Traffic Flow Monitoring	Implement real-time traffic flow monitoring using Bluetooth/Wifi vehicle probe technology				
SJ14-9006			Stockton	Pacific Avenue and March Lane Intersection Modification	Install southbound right turn lane and retime traffic signal				
SJ14-9007			Stockton	Left-Turn Lanes Additions at Various Intersections	Install left turn lanes				
SJ14-9008			Stockton	Tam O'Shanter Drive and Knickerbocker Drive Roundabout and Bicycle Lane	Install roundabout and Class II Bicycle Lanes				
SJ14-9009			Stockton	Montauban Ave and Hammertown Drive Roundabout and Bicycle Lane	Install roundabout and Class II Bicycle Lanes				
SJ14-9010			Stockton	Lincoln Street and Eighth Street Roundabout and Bicycle Lane	Install roundabout and Class II Bicycle Lanes				
SJ14-8020			Tracy	Lowell Avenue Sidewalk Construction Project	Construct 1,200 feet of sidewalk and one ADA curb ramp				
SJ11-CM26			Tracy	Corral Hollow Road and Valpico Road Traffic Signal	Install traffic signal				



**Table 6-9: 2022 Regional Transportation Plan Project List - Transportation Control Measure Category**

Identifiers	2022 RTP MPO ID	PROJECT INFORMATION	Jurisdiction	Project Name	Project Description	Cost to Deliver	Total	Milestone Years	Completion
SJ11-CM18		Tracy		Corral Hollow Road Adaptive Traffic Control	Install adaptive traffic control system	See Operations and Maintenance Project List			
SJ07-9001		Various		Ridesharing and Vanpool Programs	Trip Reduction Coordination, Guaranteed Ride Home, Vanpool Enhancement, Match lists, TDM marketing, etc.	See Operations and Maintenance Project List			
SJ07-9002		Various		Park and Ride Lots	Various Locations	See Operations and Maintenance Project List			
SJ07-9003		Various		Traffic Flow Improvements and Systems Managements	Signal System Improvements, Operational and Intersection Improvements to Smooth Traffic Flow, Closed Circuit TV, Freeway Service Patrols	See Operations and Maintenance Project List			
						\$0			

**Table 6-10: 2022 Regional Transportation Plan Project List - Operations and Maintenance Category**

Identifiers	2022 RTP MPO ID	CTIPS ID #	PPNO	Project Information		Facility Name/Route	Project Description	Project Limits	Cost to Deliver		Milestone Years		
				Jurisdiction					Total		FTIP Programming	NEPA Approval	Open to Traffic
SJ07-1019	212-0000-0313			Caltrans	Various locations		SHOPP - Collision Reduction Grouped Projects	Various	\$300,000,000		various	various	
SJ07-1020	212-0000-0314			Caltrans	Various locations		SHOPP - Mobility Grouped Projects	Various	\$100,000,000		various	various	2042
SJ07-1021	212-0000-0315			Caltrans	Various locations		SHOPP Roadway Preservation Grouped Projects	Various	\$200,000,000		various	various	2042
SJ07-1022	212-0000-0392			Caltrans	Various locations		SHOPP-Other (Emergency Response, Mandates, Bridge Preservation, Roadside Preservation Etc.)	Various	\$140,000,000		various	various	2042
SJ07-3002	212-0000-0272			Caltrans	Various locations		Caltrans Highway Bridge Program Lump Sum projects (Safety)	Various	\$120,000,000		various	various	2042
SJ18-3017				Caltrans	I-5 Stockton Channel Viaduct		Replace Br. No. 26-0176 R/L	In Stockton on I-5 at Br. No. 26-0176 R/L	\$600,000,000			2021	2028
SJ07-3003	various			Caltrans	Various locations		Caltrans Highway Bridge Program Line Item projects (Safety)	Various	\$200,000,000		various	various	2042
SJ07-3004	212-0000-0307			Caltrans	Various locations		Lump sum for Emergency Repair Program (Safety)	Various	\$3,750,000		various	various	2042
SJ07-3005	212-0000-0353/ 212-0000-0567			Caltrans	Various locations		Caltrans Minor Program (Safety)	Various	\$12,115,575		various	various	2042
SJ18-3070				Caltrans	SR-120 TMS Upgrade/Repairs		Upgrade existing communication infrastructure between field elements and District 10 TMC	On Route 5, 120, and 99 at various locations in San Joaquin County	\$6,970,000				2022
SJ18-3071				Caltrans	SR 120		Contingency Project: Install Ramp Meters	In San Joaquin County on State Route 120	\$22,740,000				2023
SJ18-3072				Caltrans	Various routes Phase 1		Repair, update, and install ITS elements, including installation of MVPs, and filling in the gaps	In San Joaquin County on Various Routes	\$5,500,000				2024
SJ18-3073				Caltrans	Various routes Phase 2		Repair, update, and install ITS elements, including installation of MVPs, and filling in the gaps	In San Joaquin County on Various Routes	\$4,250,000				2025
SJ18-3074				Caltrans	SR 4 various locations		Installing ramp meters	SR-4 Ramp metering system Installation	\$56,503,000				2024
SJ18-3075				Caltrans	I-5 various locations I 205 to Mathews Rd		Install ramp meters and ITS elements	In San Joaquin County on I-5 from I-205 to Mathew Road	\$32,175,000				2026
SJ18-3076				Caltrans	I-5 various locations from Mathews to Dr. Martin Luther King Jr. Blvd		Install ramp meters and ITS elements	In San Joaquin County on I-5 from Mathew Road to Dr. Martin Luther King Jr. Blvd	\$29,250,000				2027
SJ18-3077				Caltrans	I-5 various locations from Dr. Martin Luther King Jr. Blvd to Calaveras River		Install ramp meters and ITS elements	In San Joaquin County on I-5 from Dr. Martin Luther King Jr. Blvd. to Calaveras River	\$23,400,000				2030
SJ18-3078				Caltrans	I-5 various locations from Calaveras River to Eight Mile Rd.		Install ramp meters and ITS elements	In San Joaquin County on I-5 from Calaveras River to Eight Mile Road	\$37,050,000				2030
SJ18-3079				Caltrans	SR 99 various locations from Hammer Lane to Armstong Rd		Install ramp meters and ITS elements	In San Joaquin County on SR-99 from Hammer Lane Road to Armstrong Road	\$21,450,000				2029
SJ18-3080				Caltrans	SR 99 various locations from Armstong to		Install ramp meters and ITS elements	In San Joaquin County on SR-99 from Armstrong Road to River North of Turner Road	\$33,150,000				2030
SJ18-3081				Caltrans	SR 99 various locations		Install ramp meters and ITS elements	In San Joaquin County on SR-99 from River North of Turner Road to North of Acampo Road	\$23,400,000				2031
SJ11-3046	212-0000-0001			Escalon	Various Street Rehabilitation		Rehabilitation of various streets and roads	City streets, various locations	\$17,859,989		various		2042
SJ11-3047	212-0000-0001			Lathrop	Various Street Rehabilitation		Rehabilitation of various streets and roads	City streets, various locations	\$42,102,282		various		2042
SJ11-3048	212-0000-0001			Lodi	Various Street Rehabilitation		Rehabilitation of various streets and roads	City streets, various locations	\$154,675,759		various		2042
SJ11-3049	212-0000-0001			Manteca	Various Street Rehabilitation		Rehabilitation of various streets and roads	City streets, various locations	\$123,977,617		various		2042

**Table 6-10: 2022 Regional Transportation Plan Project List - Operations and Maintenance Category**

Identifiers		Project Information		Facility Name/Route	Project Description	Project Limits	Cost to Deliver		Milestone Years		
2022 RTP MPO ID	CTIPS ID #	PPNO	Jurisdiction				Total	Total	FTIP Programming	NEPA Approval	Open to Traffic
SJ18-3001			Port of Stockton	Rough & Ready Island Rail Bridge	Construct new rail bridge (double-track) to replace existing deficient structure	City of Stockton	\$18,000,000				2040
SJ11-3050	212-0000-0001		Ripon	Various Street Rehabilitation	Rehabilitation of various streets and roads	City streets, various locations	\$36,215,227		various		2042
SJ11-3051	212-0000-0001		San Joaquin County	Various Roadway Rehabilitation	Rehabilitation to include: driveways, wheelchair ramps, median islands, pedestrian improvements, and class II bicycle lanes.	Rehabilitate roadway and surrounding streets	\$1,123,060,104		various		2042
SJ11-3042	212-0000-0001		SJCOG	Regional Surface Transportation Program (STP) Lump Sum Projects	Various state highway and transit capital projects	San Joaquin County	\$3,038,998		various		2042
SJ11-3043	212-0000-0001		Stockton	Regional Surface Transportation Program (STP) Lump Sum Projects	Rehabilitation to include: driveways, wheelchair ramps, median islands, pedestrian improvements, and class II bicycle lanes.	City streets, various locations	\$6,369,495		various		2042
SJ11-3044	212-0000-0001		Stockton	Regional Surface Transportation Program (STP) Lump Sum Projects	Operations and Maintenance	City streets, various locations	\$2,073,367		various		2042
SJ11-3052	212-0000-0001		Stockton	Various Street Rehabilitation	Rehabilitation of various streets and roads	City streets, various locations	\$708,749,034		various		2042
SJ11-CM16	212-0000-0589		Stockton	March Lane Adaptive Traffic Control	Install adaptive traffic control system along March Lane between Feather River drive and Montauban Ave to improve safety and traffic operations	City of Stockton	\$1,322,000		2018		2022
SJ11-CM21	212-0000-0601		Stockton	Miner Ave and Filbert St. Signal	Install new traffic signal at the Miner Ave and Filbert St. intersection including EVP, ADA ramps, signs and striping	City of Stockton	\$686,000		2018		2022
SJ11-CM24	212-0000-0604		Stockton	Swain Rd. and Montauban Roundabout Installation	Construct roundabout at Swain Road and Montauban Ave. including PTZ cameras, ADA ramp, signs, striping, and street lights	City of Stockton	\$837,000		2018		2022
SJ14-CM05	212-0000-0632		Stockton	Thorton Rd at Hammer Ln. and Lower Sac Left Turn Lanes	Add SBL on Thorton(at Hammer), add WBL on Lower Sac(Thorton/Pacific). Retime both signals, as well as adjacent signal (Hammer/Lower Sac). EVP at Pacific/Lower Sac to be upgrade.	City of Stockton	\$918,000		2018		2022
SJ14-CM08	212-0000-0635		Stockton	Tam O'Shanter Drive and Castle Oaks Drive Roundabout	Install roundabout at intersection of Tam O'Shanter Drive and Castle Oaks Drive	City of Stockton	\$603,000		2018		2022
SJ14-CM10	212-0000-0641		Stockton	BRT Phase V	Costs associated with installation of signal prioritization equipment for BRT Phase 5 operations on Weber Ave, Miner Ave, Wison Way, Fremont St., Filbert St and Main St.	Stockton Metropolitan Area	\$2,099,000		2018		2022
SJ14-CM15	212-0000-0642		Stockton	West Lane Traffic Responsiveness Signal Control System	Install new traffic responsiveness signal control system on West Lane between Harding Way and Enterprise Street.	City of Stockton	\$754,000		2018		2022
SJ14-CM16	212-0000-0643		Stockton	BRT Phase 1-B	Costs associated with installation of signal prioritization equipment for BRT operations on Pacific Avenue and Madison Street. Replace signalized intersection at Miner Avenue and San Joaquin Street with a roundabout	Stockton Metropolitan Area	\$1,599,000		2018		2022
SJ11-CM26	212-0000-0606		Tracy	Corral Hollow Road and Valpico Road Traffic Signal	Intersection Signalization	Corral Hollow Road and Valpico Road	\$751,000		2011		2023

**Table 6-10: 2022 Regional Transportation Plan Project List - Operations and Maintenance Category**

Identifiers		Project Information		Project Description		Cost to Deliver		Milestone Years		
2022 RTP MPO ID	CTIPS ID #	PPNO	Jurisdiction	Facility Name/Route	Project Description	Project Limits	Total	FTIP Programming	NEPA Approval	Open to Traffic
SJ11-3053	212-0000-0001		Tracy	Various Street Rehabilitation	Rehabilitation of various streets and roads	City streets, various locations	\$197,236,934			2042
SJ11-CM18	212-0000-0616		Tracy	Corral Hollow Road Adaptive Traffic Signal	Traffic Signal Coordination	West Valley Mall to Schulte Road	\$1,121,625			2023
SJ07-9001	112-0000-0025		Various	Ridesharing and Vanpool Programs	Trip Reduction Coordination, Guaranteed Ride Home, Vanpool Enhancement, Match lists, TDM marketing, etc.	San Joaquin County	\$18,000,000			2042
SJ07-9002			Various	Park and Ride Lots	Various Locations	San Joaquin County	\$2,000,000			2042
SJ07-9003			Various	Traffic Flow Improvements and Systems Managements	Signal System Improvements, Operational and Intersection Improvements to Smooth Traffic Flow, Closed Circuit TV, Freeway Service Patrols	San Joaquin County	\$5,000,000			2042
							<b>\$4,440,753,006</b>			