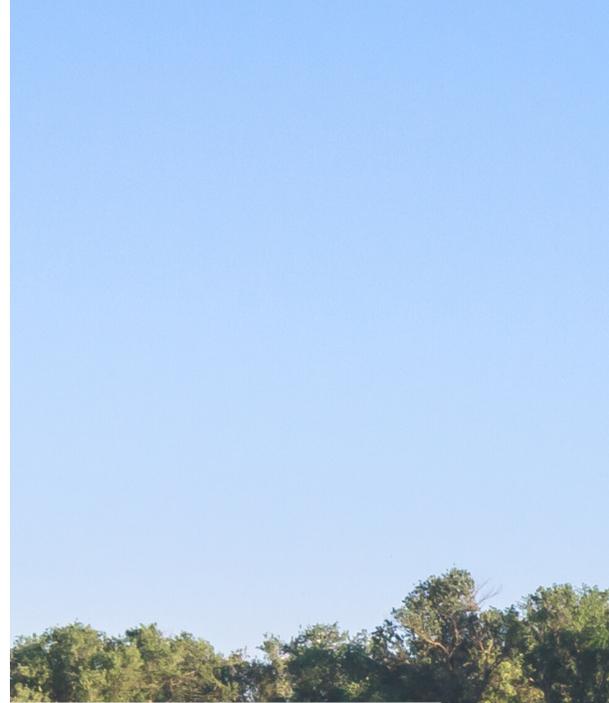


APPENDIX G

RTP Revenue Assumptions



2022 RTP REVENUE FORECAST ASSUMPTIONS

LOCAL REVENUES

Measure K Sales Tax Renewal Program: Description: Measure K Renewal was approved by voters in 2006. Program will sunset in 2041. Data Source: Measure K Renewal Ordinance and Expenditure Plan. Growth Rate: 4.50%. Assumption Base: Based on updated Measure K Strategic Plan estimates. Revenue total: \$1,770,989,883.86

Local Transportation Fund (LTF): Description: LTF is a portion of the Transportation Development Act (TDA) dollars derived from a ¼ cent general sales tax imposed statewide for transportation purposes. LTF funds are deemed local as it is not subject to state appropriation or apportionment. SJCOG administers the LTF funds. Data Source: SJCOG. Growth Rate: 4.30%. Assumption Base: Based on a three-year historical average. Revenue total: \$2,172,724,086.16

Private Railroad Contribution: Description: Contribution of Private Railroad companies to Railroad Crossing Safety transportation projects. Data Source: SJCOG. Growth Rate: None assumed. Assumption Base: Based on historical averages and private railroad contributing 10% to specific Tier I Railroad Crossing Safety project expenditures in the RTP. Revenue total: \$22,686,170.09

Transit Fares & Miscellaneous: Description: Consists of transit fares collected by transit operators in the San Joaquin region. Data Source: Regional Transit Systems Plan, and National Transit Database reporting. Growth Rate: 4.17%. Assumption Base: Ten-year average of estimates provided in the Regional Transit Systems Plan. Revenue total: \$323,819,849.19

Developer Fees/Local General Fund: Description: Funds associated with transportation revenue received from the general fund, developer fee programs, traffic impact fees. Data Source: Figures are calculated from self-reported information provided by the local jurisdictions. Growth Rate: None assumed. Assumption Base: Based upon historical figures and growth trends. Revenue total: \$823,623,212.83

Regional Transportation Impact Fee (RTIF): Description: The RTIF program imposes a one-time fee on new residential and non-residential development in San Joaquin County. The fee is imposed and collected by the cities of Escalon, Lathrop, Lodi, Manteca, Ripon, Stockton, Tracy and the County of San Joaquin. The RTIF program is managed by SJCOG, and was implemented in 2006. Data Source: SJCOG. Growth Rate: Initial fee increases 3% annually, and development unit projections based on historical growth trends at the start of the fee program. Assumption Base: Based on historical patterns of growth at the start of program. Revenue total: \$399,317,688.58

Altamont Corridor Express (ACE) Fare Revenue: Description: Funds received from the passenger fares of the ACE train. Data Source: San Joaquin Regional Rail Commission.

Growth Rate: 2.0%. Assumption Base: Based on historical figures. Revenue total: \$302,293,749.19

Alameda County/Santa Clara County Contribution for ACE: Description: Funds received from Alameda and Santa Clara counties for capital projects to “equalize” the initial capital investment made by the San Joaquin Regional Rail Commission. Data Source: SJRRC. Growth Rate: 2%. Assumption Base: Based on historical figures. Revenue total: \$165,903,780.61

FEDERAL REVENUES

Federal Transit Administration 5307 Urbanized Area Formula Grants: Description: Distributed annually to state urbanized areas with a formula based on population, population density and transit revenue miles of service. Program funds capital projects (and operations expenses in areas under 200,000 in population), preventative maintenance and planning activities. Data Source: FTA. Growth Rate: 2.86% Assumption Base: Ten-year average of estimates provided in the Regional Transit Systems Plan. Revenue total: \$483,572,242

Federal Transit Administration 5309b New and Small Starts (Capital Investment Grants): Description: Section 5309 New Starts Capital Investment Program provides capital funding for new and replacement buses and facilities, modernization of existing rail systems, and new fixed guideway systems. Data Source: FTA Growth Rate: Discretionary program. Assumption Base: Future assumptions on grants for the San Joaquin Regional Transit District based on past figures. Revenue total: \$40,000,000.00

Federal Transit Administration 5310 Enhanced Mobility of Seniors and Individuals with Disabilities: Description: Funds allocated by formula to states for capital costs of providing services to the elderly and disabled. Data Source: FTA/SJCOG. Competitive program. Growth Rate: 1.4%. Assumption Base: Ten-year average of estimates provided in the Regional Transit Systems Plan. Revenue total: \$10,615,760

Federal Transit Administration 5311 Formula Grants for Rural Areas: Description: Program provides capital and operating expenses for rural and small urban public transportation systems. Data Source: FTA. Growth Rate: None Assumption Base: Ten-year average of estimates provided in the Regional Transit Systems Plan. Revenue total: \$10,879,800.00

Federal Transit Administration 5337 State of Good Repair Grants: Description: Program provides capital assistance for replacement and rehabilitation projects of existing fixed guideway systems to maintain a state of good repair. Data Source: FTA. Growth Rate: 2.67%. Assumption Base: Ten-year average of estimates provided in the Regional Transit Systems Plan. Revenue total: \$134,495,915.30

Federal Transit Administration 5339 Bus and Bus Facilities Formula Grants: Description: Formula grant program that provides funding to replace, rehabilitate, and purchase buses and related equipment as well as construct bus related facilities. Data Source:

FTA. Growth Rate: 2.83% Assumption Base: Ten-year average of estimates provided in the Regional Transit Systems Plan. Revenue total: \$21,429,262.47

Regional Surface Transportation Program (RSTP): Description: The STP program provides flexible funding for projects on any Federal aid highway, bridges on public roads, transit capital projects and intracity and intercity bus terminals and facilities on a formula basis. Data Source: FTA. Growth Rate: 0.96%. Assumption Base: Based upon FHWA and Caltrans' annual estimate of apportionments. Revenue total: \$265,817,262

Congestion Mitigation and Air Quality Program (CMAQ): Description: Federal program with goals to reduce traffic congestion and improve air quality in non-attainment areas. Project examples include: signal coordination, ridesharing, bus service expansion. Data Source: FHWA and Caltrans. Growth Rate: 0.96%. Assumption Base: Based upon FHWA and Caltrans' annual estimate of apportionments. Revenue total: \$271,783,159.36

Federal Aid to Airports: Description: Federal Aid to Airports revenue projections are based on the average annual receipt. Data Source: Stockton Metropolitan Airport and Tracy Municipal Airport. Growth Rate: none assumed. Assumption Base: Based on historical annual receipt. Revenue total: \$115,577,852.00

Highway Bridge Program (HBP): Description: Provides federal funding for the development of highway encroachments on flood plains. Data Source: FHWA and Caltrans. Growth Rate: 0.96% Assumption Base: Based upon FHWA and Caltrans' annual estimate of apportionments. Revenue Total: \$57,541,950.50

Highway Safety Improvement Program (MAP-21): Description: Federal funds supplied to states for the planning, implementation, evaluation, and reporting of highway safety improvement projects. Data Source: FHWA and Caltrans. Growth Rate: 0.96% Assumption Base: Based upon FHWA and Caltrans' annual estimate of apportionments. Revenue Total: \$48,910,657.92

Rail/Highway Grade Crossing Protection (USC Section 130): Description: Federal funding for the removal of safety hazards at Rail/Highway grade crossings. Data Source: FHWA and Caltrans. Growth Rate: 0.96%. Assumption Base: Based upon FHWA and Caltrans' annual estimate of apportionments. Revenue Total: \$55,107,483.36

Minor Construction Program: Description: "Funds enhancements or additions to government-owned land, facilities, parking structures, enhanced-use lease transactions, and land acquisitions." Data Source: FHWA and Caltrans. Growth Rate: 0.96% Assumption Base: Based upon FHWA and Caltrans' annual estimate of apportionments. Revenue Total: \$51,787,755.45

Emergency Relief: Description: "Provides grants from the federal government to state governments for a variety of projects in fields such as agriculture, the arts, construction and education." Data Source: FHWA and Caltrans. Growth Rate: 0.96% Assumption Base: Assumption Base: Based upon FHWA and Caltrans' annual estimate of apportionments. Revenue Total: \$7,967,346.99

Federal Demonstration/Earmarks: Description: Funding received from future federal transportation funding bills. Data Source: FHWA. Growth Rate: Discretionary program. Assumption Base: Based on the annual average of actual earmarks. Revenue total: \$132,693,448.69

POTENTIAL FEDERAL REVENUES

Federal Transit Administration 5309 Fixed Guideway Capital Investment Grants: Description: Provides grants for new and expanded rail, bus rapid transit, and ferry systems that reflect local priorities to improve transportation options in key corridors. Data Source: Federal Transit Administration Revenue Total: None

Federal Transit Administration 5309c Bus and Bus Related Equipment and Facilities Grants: Description: Provides capital assistance for new and replacement buses, related equipment, and facilities. Data Source: Federal Transit Administration Revenue Total: None

Federal Transit Administration 5311f Intercity Bus Program: Description: Provides funding for public transportation equipment and services connecting rural areas to urbanized areas. Data Source: Federal Transit Administration Total Revenue: None

Construction of Ferry Boats and Ferry Terminal Facilities Formula Program (FBP): Description: Federal-aid highway funds are available, through the State transportation agencies, for designing and constructing ferry boats and for designing, acquiring right-of-way, and constructing ferry terminal facilities. Data Source: FHWA Revenue Total: None

Federal Lands Access Program (FLAP): Description: The Access Program supplements State and local resources for public roads, transit systems, and other transportation facilities, with an emphasis on high-use recreation sites and economic generators. Data Source: Federal Transit Administration Revenue Total: None

Federal Lands Transportation Program (FLTP): Description: Provides funding to improve the transportation infrastructure owned and maintained by the following Federal Lands Management Agencies: National Park Service (NPS), US Fish and Wildlife Service (FWS), USDA Forest Service (Forest Service), Bureau of Land Management (BLM), US Army Corps of Engineers (USACE), Bureau of Reclamation and independent Federal agencies with land and natural resource management responsibilities. Data Source: FHWA Revenue Total: None

Highway Infrastructure Program (HIP): Description: Provides funds for the restoration, repair, construction, of federal aid eligible roads, bridges, and tunnels. Data Source: Caltrans and FHWA Revenue Total: None

High Priority Projects (HPP) and Demo: Description: Provides designated funding for specific projects identified in SAFETEA-LU. Data Source: FHWA Revenue Total: None

National Highway Freight Program: Description: Provides funds to improve the efficient movement of freight on the National Highway Freight Network (NHFN). Data Source: FHWA Revenue Total: None

Infrastructure for Rebuilding America (INFRA) Program: Description: Awards competitive grants for multimodal freight and highway projects of national or regional significance to improve the safety, efficiency, and reliability of the movement of freight and people in and across rural and urban areas. Data Source: U.S. Department of Transportation Revenue Total: None

Recreational Trails Program (RTP): Description: Provides funds annually for recreational trails and trails-related projects. Data Source: California Parks and Recreation and FHWA Revenue Total: None

Safe Routes to School (SRTS): Description: Provides funding for infrastructure improvements, enforcement, tools, safety education, and incentives that promote walking and bicycling to school. Data Source: U.S. Department of Transportation Revenue Total: None

STATE REVENUES

State Transportation Improvement Program (STIP): Description: Overall, the STIP in California represents a sum of the Regional Transportation Improvement Programs (RTIPs) and Interregional Transportation Improvement Programs (ITIPs). The CTC programs an available amount of STIP funds after a “take-down” of the State Highway Account (SHA) for the SHOPP and other programs. The STIP funds are distributed 75 percent to RTIP and 25 percent to ITIP. Data Source: Caltrans. Growth Rate: 1.53%. Assumption Base: Based on six-year average of apportionments. Revenue total: \$242,998,994.39

Transportation Bond Formula Funds: Description: California Transportation Bond package includes \$19.9 billion for safety improvements and repairs to State highways, upgrades to freeways to reduce congestion, repairs to local streets and roads, improvements to the seismic safety of local bridges, expansion of public transit, reduction of air pollution, and improvements to antiterrorism security at ports. Includes protection of any future Proposition 42 transfers. Formula funding includes local streets and roads, STIP augmentation and Public Transit. Data Source: Caltrans. Growth Rate: N/A. Assumption Base: Based on formula distribution. Revenue total: \$27,000,000.00

Transportation Bond Discretionary Funds: Description: California Transportation Bond package includes \$19.9 billion for safety improvements and repairs to State highways, upgrades to freeways to reduce congestion, repairs to local streets and roads, improvements to the seismic safety of local bridges, expansion of public transit, reduction of air pollution, and improvements to antiterrorism security at ports. Actual remaining project allocations from the CMIA, TCIF, HRCSA and State Route 99 programs were included in the RTP. Assumptions included for remaining funding programs. Data Source: SJCOG. Growth Rate: N/A. Assumption Base: Discretionary Program. Revenue total: \$6,000,000.00

Senate Bill 1 / Gas Tax: Description: Gasoline excise tax subventions that were increased in 2017. Fifty percent of funds will go to the state, and fifty percent of funds will go directly

to local jurisdictions. Two-thirds of all funds are for “fix it first” projects. Data Source: California State Controller. Growth Rate: 2%. Assumption Base: Formula distribution Revenue total: \$2,160,245,763.61

Senate Bill 1 Competitive Programs: Description: Gasoline excise tax subventions that were increased in 2017. \$750 million per year Statewide is available through the Local Partnership Program, Solutions for Congested Corridors Program, and Trade Corridor Enhancement Account. Data Source: California State Controller. Growth Rate: None assumed. Assumption Base: Formula distribution Revenue total: \$251,243,362.10

Senate Bill 132: Description: \$400 million is assigned to the San Joaquin Regional Rail Commission for the purpose of extending the Altamont Corridor Express into Stanislaus and Merced Counties. Data Source: California State Controller, San Joaquin Regional Rail Commission. Growth Rate: None assumed. Assumption Base: Project cost estimates. Revenue total: \$53,869,100.00

Active Transportation Program (ATP): Description: The ATP provides funding for projects that create a benefit for pedestrian and bicycle travel. Data Source: California Transportation Commission. Growth Rate: 0.5% Assumption Base: Based apportionments available through the first four program cycles. Revenue total: \$65,437,039.89

State Highway Operation and Protection Program (SHOPP): Description: Funds state highway maintenance and operations projects. Data Source: Caltrans. Growth Rate: None. Assumption Base: Based on a six-year historical average of the SHOPP program. Revenue total: \$1,551,414,750.00

Future State Discretionary Programs: Description: Discretionary program, revenue estimate is based on the historical receipt of funds from state programs such as the Traffic Congestion Relief Program (TCRP) and Proposition 1B Transportation Bond Program. Recognizes potential for additional funds to be received from cost savings from current programs within the Proposition 1B Transportation Bond Program Data Source: SJCOG. Growth Rate: Discretionary program. Assumption Base: Historical average. Revenue total: \$260,000,000.00

Low Carbon Transit Operations Program (LCTOP): Description: State program with goals to improve air quality through public transit improvements. Data Source: Caltrans. Growth Rate: 2.05%. Assumption Base: Apportionments available through the first three years of the program. Revenue total: \$46,813,763.48

State Transit Assistance (STA): Description: STA is a portion of the Transportation Development Act (TDA) dollars derived from the statewide sales tax on diesel fuel and are available only for transportation planning and mass transportation purposes. STA funds are deemed state as they are subject to state appropriation. Data Source: SJCOG. Rate: 3.83%. Assumption Base: United States Energy Information Administration estimates. Revenue total:

Alameda State Transit Assistance (STA) contribution: Description: Funds received from Alameda County's STA portion to the San Joaquin Regional Rail Commission. Data Source: SJRRC. Growth Rate: \$6,000 per year. Assumption Base: Based on \$187,000 annual contribution. Revenue total: \$6,720,000.00

State Aid to Airports: Description: Funding from California Aid to Airports. Data Source: Survey of San Joaquin County airports. Growth Rate: none assumed. Assumption Base: Based on historical average of average receipt. Revenue total: \$5,000,000.00

Public Utilities Commission: Description: The Public Utilities Commission regulates privately owned electric, telecommunications, natural gas, water and transportation companies, in addition to household goods movers and rail safety. Funds received from the Public Utilities Commission to contribute Railroad Crossing Safety projects. Data Source: SJCOG. Growth Rate: N/A. Assumption Base: Based on 10% contribution to specific Railroad Crossing Safety Projects and historical receipts. Revenue total: \$25,000,000.00

Revenue Sources	Amount
Local	
Local Transportation Fund	\$ 2,172,724,086.16
Private Railroad Contribution	\$ 22,686,170.09
Local General Fund/ Development Contribution	\$ 823,623,212.83
Bus Fares & Miscellaneous	\$ 323,819,849.19
Altamont Rail Fare Revenue	\$ 302,293,749.19
Alameda/ Santa Clara Contribution for ACE	\$ 165,903,780.61
Total	\$ 3,811,050,848.08
Regional	
Measure K Sales Tax Program	\$ 1,770,989,883.86
Regional Transportation Impact Fee	\$ 399,317,688.58
Total	\$ 2,170,307,572.44
State	
State Highway Operations and Protection Program (SHOPP)	\$ 1,551,414,750.00
State Transportation Improvement Program (STIP)	\$ 242,998,994.39
Senate Bill 1 / Gas Tax	\$ 2,160,245,763.61
Senate Bill 1 / Competitive Programs	\$ 251,243,362.10
Senat Bill 132	\$ 53,869,100.00
Active Transportation Program	\$ 65,437,039.89
State Transportation Bond / Formula	\$ 27,000,000.00
State Transportation Bond / Discretionary	\$ 6,000,000.00
Future State Discretionary Programs	\$ 260,000,000.00
Low Carbon Transit Operating Program (LCTOP)	\$ 46,813,763.48
State Transit Assistance (STA)	\$ 279,125,743.36
STA Contribution from Alameda County	\$ 6,720,000.00
State Aid to Airports	\$ 5,000,000.00
Public Utilities Commision	\$ 25,000,000.00
Total	\$ 4,980,868,516.82
Federal Transit	
Urbanized Area Formula Program (5307)	\$ 483,572,242.20
Nonurbanized Area Formula Program (5311)	\$ 10,879,800.00
Seniors and Persons with Disabilities fromula Program (5310)	\$ 10,615,760.29
State of Good Repair (5337)	\$ 134,495,915.30
Bus and Bus Facilities (5339)	\$ 21,429,262.47
New Starts Capital Investment Grants (5309)	\$ 40,000,000.00
Total	\$ 700,992,980.27
Federal Highway	
Congestion Management and Air Quality	\$ 271,783,159.36
Surface Transportation Program (Regional)	\$ 265,817,261.91
Highway Bridge Replacement and Rehabilitation Program	\$ 57,541,950.50
Highway Safety Improvement Program (MAP-21)	\$ 48,910,657.92
Rail/ Highway Grade Crossing Protection (USC Section 130)	\$ 55,107,483.36
Minor Construction Pogram	\$ 51,787,755.45
Emergency Relief	\$ 7,967,346.99
Federal Demonstration / Earmarks	\$ 132,693,448.69
Federal Aid to Airports	\$ 115,577,852.00
Total	\$ 1,007,186,916.18
Revenue Total	\$ 12,670,406,833.78