

SHASTA REGIONAL TRANSPORTATION AGENCY -
Summary of 2019/20 Overall Work Program Funding Requirements

Capital Infrastructure & Transit Agency Operations[illegible]

WORK ELEMENT 700.98						Indirect Cost PTO			
Agency: SRTA		Total Budget (FY 2019/20): \$ 76,348		Estimated Budget (FY 2020/21): \$ 76,348					
ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE FOR FY 2019/20 & 2020/21									
Staff Allocations		FY 2019/20				FY 2020/21			
		Expenditures		Amount		Expenditures		Amount	
SRTA									
Personnel - Direct PTO Salaries		\$ 76,348				\$ 76,348			
TOTAL:		\$ 76,348				\$ 76,348	\$ -	\$ -	\$ -
Previous Accomplishments									
Kept records of paid time off.									
Objective									
To record paid time off in a separate work element.									
Discussion									
Caltrans requires that paid time off be separately recorded and reported.									
Product 1: Indirect Cost PTO									
Task/Activity							Resp. Agency		Schedule
1.1	Record paid time off						SRTA		Jul 2018 - Jun 2020

WORK ELEMENT 700.99
Indirect Cost Allocation Plan

Agency: SRTA Total Budget (FY 2019/20): \$ 639,970 Estimated Budget (FY 2020/21): \$ 639,970

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE FOR FY 2019/20 & 2020/21

Services & Supplies	FY 2019/20				FY 2020/21	
	Amount (\$)	Total Expenditures INDIRECT			Amount (\$)	Total Expenditures INDIRECT
SRTA						
Building Occupancy:						
Depreciation (Suite 202)	44,500	44,500			44,945	44,945
Interest	23,500	23,500			23,500	23,500
Insurance	3,900	3,900			3,900	3,900
Repairs	2,700	2,700			2,700	2,700
Janitorial	8,200	8,200			8,200	8,200
Elevator	650	650			650	650
Landscape	4,500	4,500			4,500	4,500
Taxes	100	100			100	100
Security	3,200	3,200			3,200	3,200
Utilities	10,400	10,400			10,400	10,400
Advertising	3,200	3,200			3,200	3,200
Copier	6,000	6,000			6,000	6,000
Communication	11,000	11,000			11,000	11,000
Depreciation	6,300	6,300			6,300	6,300
Books and Educational Materials	800	800			800	800
Office Supplies	14,000	14,000			14,000	14,000
Computer Support	28,000	28,000			28,000	28,000
Dues/Subscriptions	8,500	8,500			8,500	8,500
Postage	2,000	2,000			2,000	2,000
Educational Training	1,600	1,600			1,600	1,600
Repairs and Maintenance	1,000	1,000			1,000	1,000
Software	8,000	8,000			8,000	8,000
Public Notice	500	500			500	500
Travel	7,200	7,200			7,200	7,200
Licenses	500	500			500	500
Meetings	800	800			800	800
Insurance	6,000	6,000			6,000	6,000
Audit/Actuarial Services	25,000	25,000			25,000	25,000
Legal Services	11,500	11,500			11,500	11,500
Personnel Services	23,100	23,100			23,100	23,100
Small Office Equipment	18,500	18,500			18,500	18,500
Conference/training	4,900	4,900			4,900	4,900
					0	0
					0	0
					0	0
					0	0
Sub Total	290,050	290,050			290,050	290,050
					0	0
INDIRECT SALARIES & BENEFITS	273,572	273,572			273,572	273,572
NOTE - General Administration, office functions and allocable staff costs not directly attributable to specific work elements (Per ICAP filing).					0	0
					0	0
					0	0
					0	0
PTO (WE 700.98)	76,348	76,348			76,348	76,348
					0	0
					0	0
					0	0
TOTAL:	639,970	639,970			639,970	639,970

Previous Accomplishments

Annual indirect cost allocation plan and indirect cost rate proposal was generated and approved.

Objective

To document and justify indirect cost activities related to the organization's functions operating as an independent MPO.

Discussion

In order for indirect cost to be eligible for reimbursement, an indirect cost allocation plan is required. Expenses are allocated proportionally against all funding sources that allow for indirect costs based on salaries and wages budgeted under each work element.

Product 1: Indirect Cost Allocation Plan Administration

Task/Activity		Resp. Agency	Schedule
1.1	Payment to vendors for non-consultant services, including office services, rent and utilities. Also includes membership dues for professional planning accreditation (American Planning Association) and other associations as warranted.	SRTA	Jul 2018 - Jun 2020
1.2	Prepare and file reports with funding agencies		
1.3	Implement SRTA Personnel Policies including preparation of employee evaluations		
1.4	Maintain and administrate SRTA benefit programs		
1.5	Prepare reports for management		
1.6	Prepare annual fiscal reports		

Regional Transportation Plan (RTP)

Estimated Budget (FY 2020/21): \$ 43,721

Staff Allocations and Funding Requirements	FY 2019/20					FY 2020/21				
	Expenditures		Revenue by Fund Source (\$)			Expenditures		Revenue by Fund Source (\$)		
	Direct	Indirect	FHWA PL Cash	Toll Credits Cash	Total FHWA PL	Direct	Indirect	FHWA PL Cash	Toll Credits Cash	Total FHWA
SRTA										
Personnel	\$ 24,323	\$ 15,814	\$ 35,533	\$ 4,604	\$ 40,137	\$ 24,323	\$ 15,814	\$ 35,533	\$ 4,604	\$ 40,137
Services & Supplies	\$ 3,000		\$ 2,656	\$ 344	\$ 3,000	\$ 3,000	\$ -	\$ 2,656	\$ 344	\$ 3,000
Human Resources	\$ 584		\$ 517	\$ 67	\$ 584	\$ 584	\$ -	\$ 517	\$ 67	\$ 584
			\$ -	\$ -	\$ -					
Household Travel Survey Add-on (TBD)	\$ -		\$ -	\$ -	\$ -	\$ -		\$ -		\$ -
TOTAL:	\$ 27,907	\$ 15,814	\$ 38,706	\$ 5,015	\$ 43,721	\$ 27,907	\$ 15,814	\$ 38,706	\$ 5,015	\$ 43,721

The 2018 RTP, Sustainable Communities Strategy, and Environmental Impact Report, was adopted October 9, 2018. SRTA worked with the California Air Resources Board to develop revised SB 375 targets for the year 2035 and provide data for the SB 150 assessment of progress made in meeting GHG emission reduction targets.

To plan for the safe and efficient management, operation, and development of a regional inter-modal transportation system that, when linked with appropriate land use planning, serves the mobility needs of goods and people as well as reduced per capita vehicle miles traveled and associated greenhouse gas emissions necessary to meet CARB-assigned regional targets.

The RTP is prepared in compliance with state (California Government Code Section 65080 et seq.) and federal (U.S. Code Title 23, Section 134 et seq.) regulations governing regional and metropolitan transportation planning. The RTP represents a 20-year planning horizon and includes a Sustainable Communities Strategy pursuant to Senate Bill 375, which identifies a set of strategies that, if implemented, would help the region meet its CARB-assigned greenhouse gas emissions reduction target. SRTA updates the RTP/SCS every four years. New MAP-21 and FAST Act provisions must be included in the RTP, including state and/or regional performance targets and new items related to transit services. SRTA will update the RTP as needed to address each new federal/state performance measure when they are adopted.

Note: Consultant support for the 2018 RTP in the areas of travel demand modeling and Geographic Information Systems (GIS) analyses are budgeted under WE 705.05 and WE 705.02 respectively.

Task/Activity		Resp. Agency	Schedule
1.1	Ready 2018 RTP transportation infrastructure projects for delivery and implement short-term objectives listed after each modal discussion.	SRTA	Jul 2017 - Oct 2018
1.2	Facilitate the development of SCS-related projects and programs. Examples include infill and redevelopment projects; programs that encourage the use of alternative travel modes; and local policies that reduce dependency on single-occupancy vehicles. This task includes extensive communication and coordination activities with local agencies, developers, and other community stakeholders.		
1.3	Participate in interagency meetings that support the implementation of the RTP/SCS, including: California Transportation Plan Policy Advisory Committee, Strategic Highway Safety Plan, local jurisdiction council/board meetings, and/or similar such meetings.		
Product 2: 2018 RTP and SCS management, maintenance, and progress reporting			
Task/Activity		Resp. Agency	Schedule
2.1	Perform RTP amendments, if needed.	SRTA	Jul 2018 - Apr 2020
2.2	Report progress on RTP performance goals to SRTA Board of Directors and state and federal funding and oversight agencies.		
2.3	Report progress on SCS strategies to SRTA Board of Directors and state funding and oversight agencies.		
2.4	Compile and draft material for the next 'Ways and Means' report (to be prepared and published in advance of the 2022 RTP/SCS)		
Product 3: 2022 Regional Transportation Plan Development			
Task/Activity		Resp. Agency	Schedule
3.1	Monitor and track federal or state policies that may impact the content of the 2022 RTP.	SRTA	Jul 2018 - Jun 2020
3.2	Assemble draft content, data, and project lists for 2022 RTP as appropriate.		
Product 4: Household Travel Survey - NHTS Add-on Program			
Task/Activity		Resp. Agency	Schedule
4.1	Participate in add-on program with the National Household Travel Survey to garner additional surveys from residents in Shasta County.	SRTA	Jul 2018 - Apr 2020
4.2	Participate in project meetings. Review survey questions and survey approaches. Review draft data.		
4.3	Analyze and summarize results of the surveys. Use data to help support regional plans and programs.		

WORK ELEMENT 701.03						Performance Measures				
Agency: SRTA		Total Budget (FY 2018/19): \$ 18,956				Estimated Budget (FY 2020/21): \$ 18,956				
ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE FOR FY 2019/20 & 2020/21										
Staff Allocations and Funding Requirements	FY 2019/20					FY 2020/21				
	Expenditures		Revenue by Fund Source (\$)			Expenditures		Revenue by Fund Source (\$)		
SRTA	Direct	Indirect	FHWA PL Cash	Toll Credits Cash	Total FHWA	Direct	Indirect	FHWA PL Cash	Toll Credits Cash	Total FHWA
Personnel	\$ 10,725	\$ 6,973	\$ 15,668	\$ 2,030	\$ 17,698	\$ 10,725	\$ 6,973	\$ 15,668	\$ 2,030	\$ 17,698
Services & Supplies	\$ 1,000		\$ 885	\$ 115	\$ 1,000	\$ 1,000	\$ -	\$ 885	\$ 115	\$ 1,000
Human Resources	\$ 257		\$ 228	\$ 30	\$ 257	\$ 257	\$ -	\$ 228	\$ 30	\$ 257
TOTAL:	\$ 11,983	\$ 6,973	\$ 16,781	\$ 2,174	\$ 18,956	\$ 11,983	\$ 6,973	\$ 16,781	\$ 2,174	\$ 18,956
Previous Accomplishments										
Monitored the development of MAP-21 performance-based planning, including federal rulemakings on performance measures. Monitored and participated in the development of 2016 Regional Transportation Improvement Program (RTIP) performance indicators and measures. Adopted regional Safety performance measure targets by support state adopted safety targets. Participated in webinars and meetings regarding transportation asset management, pavement, bridge and System Performance/Freight/CMAQ performance measure targets.										
Objective										
To develop and maintain performance metrics in support of planning, decision-making, regulatory compliance, and transportation funding.										
Discussion										
The use of performance measures has increased in recent years beyond traditional measures of traffic operations. New measures were introduced by the passage of the federal transportation bill (MAP-21) in 2012 and state legislation. Discretionary transportation grant programs likewise reference a wide range of performance measures when selecting projects for funding. Performance measures allow the region to: track trends in key policy areas; measure progress toward mandates and regional goals; and evaluate the effectiveness of regional mobility strategies. State goals and targets are being developed in stages for each performance measure over the next two years. California's first Safety (PM1) performance measure targets were adopted in August of 2017. MPOs must develop regional targets within six months of state target adoption. Performance measure targets must be incorporated into SRTA's Regional Transportation Plan and Transportation Improvement Programs each time they are updated.										
Note: Consultant support using travel demand modeling and Geographic Information Systems (GIS) analyses are budgeted under WE 705.05 and WE 705.02 respectively.										
Product 1:	PM 1 - Safety Performance Measure Targets									
Task/Activity								Resp. Agency	Schedule	
1.1	Participate in statewide meetings and discussions regarding annual targets. Review draft data. Provide input as needed on methodologies and targets.							SRTA	Apr - Nov 2018/ Apr - Nov 2019	
1.2	Review final state performance targets and determine approach for regional targets.									
1.3	Draft and present recommendations to SRTA Board of Directors to adopt regional targets.								Dec 2018/ Dec 2019	
1.4	Submit regional targets to Caltrans.								Feb 2018/ Feb 2019	
Product 2:	PM 2 - Bridge, Pavement & Transportation Asset Management Performance Measure Targets									
Task/Activity								Resp. Agency	Schedule	
2.1	Participate in statewide meetings and discussions regarding annual targets. Review draft data. Provide input as needed on methodologies and targets.							SRTA	As needed	
2.2	Review final state performance targets and determine approach for regional targets.								May-Aug 2018, May Aug 2019	
2.3	Draft and present recommendations to SRTA Board of Directors to adopt regional targets.								Aug-Sept 2018, Aug Sept2019	
2.4	Submit regional targets to Caltrans.								Nov 2018, Nov 2019	
Product 3:	PM 3 - System Performance/Freight/CMAQ Performance Measure Targets									
Task/Activity								Resp. Agency	Schedule	
3.1	Participate in statewide meetings and discussions regarding annual targets. Review draft data. Provide input as needed on methodologies and targets.							SRTA	As needed	
3.2	Review final state performance targets and determine approach for regional targets.								May-Aug 2018, May Aug 2019	
3.3	Draft and present recommendations to SRTA Board of Directors to adopt regional targets.								Aug-Sept 2018, Aug Sept2019	
3.4	Submit regional targets to Caltrans.								Nov 2018, Nov 2019	
Product 4:	Transit Asset Management Performance Measure Targets									
Task/Activity								Resp. Agency	Schedule	
4.1	Work with RABA and Shasta County on transit asset performance measures, advise on targets, coordinate meetings with federal and state partners, and advise on any federal/state changes.							SRTA	Jul 2018 - Oct 2018	
4.2	Establish regional transit asset management performance targets and prioritize investments.							SRTA	180 days after RABA sets targets.	

Air Quality

Estimated Budget (FY 2019/20):	\$ 5.127
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Staff Allocations and Funding Requirements	FY 2018/19					FY 2019/2020				
	Expenditures		Revenue by Fund Source (\$)			Expenditures		Revenue by Fund Source (\$)		
SRTA	Direct	Indirect	FHWA PL Cash	Toll Credits Cash	Total FHWA	Direct	Indirect	FHWA PL Cash	Toll Credits Cash	Total FHWA
Personnel	\$ 3,062	\$ 1,991	\$ 4,474	\$ 580	\$ 5,053	\$ 3,062	\$ 1,991	\$ 4,474	\$ 580	\$ 5,053
Services & Supplies			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Human Resources	\$ 73		\$ 65	\$ 8	\$ 73	\$ 73	\$ -	\$ 65	\$ 8	\$ 73
TOTAL:	\$ 3,136	\$ 1,991	\$ 4,539	\$ 588	\$ 5,127	\$ 3,136	\$ 1,991	\$ 4,539	\$ 588	\$ 5,127

Reviewed 2016 and 2017 regional air quality reports. Tracked EMFAC model changes. Reviewed potential implications of US EPA changes to Ozone standards.

To monitor harmful air emissions in Shasta County and initiate strategies needed to comply with state and federal air quality standards, as needed.

Transportation is the single largest source of atmospheric emissions in California. Shasta County is currently classified as having "attainment" status for federal air quality standards, but this may change as

Task/Activity	Resp. Agency	Schedule
1.1 Interagency coordination, including monitoring and communications with Shasta County Air Quality Management District (AQMD) and the California Air Resources	SRTA	Jul 2019 - Jun 2021
1.2 Monitor federal air quality reports, California air quality reports, and related state/federal legislation. Take action as appropriate.		
1.3 Initiate strategies needed to comply with state and federal air quality standards.		

Task/Activity		Resp. Agency	Schedule
2.1	Participate in web-based training for SRTA staff operation of the EMFAC model.	SRTA	Jul 2019 - Jun 2021
2.2	Participate in statewide EMFAC model update workgroups and provide input as needed.		
2.3	Integrate updated releases of EMFAC model with SRTA's activity-based travel demand model.		

Task/Activity	Resp. Agency	Schedule
3.1	SRTA	Jul 2019 - Jun 2021

WORK ELEMENT 701.11

Regional Data Collection & Reporting

Agency: SRTA

Total Budget (FY 2019/20): #####

Estimated Budget (FY 2020/21): \$ 29,843

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE FOR FY 2019/20 & 2020/21

Staff Allocations and Funding Requirements	FY 2019/20										FY 2020/21				
	Expenditures		Revenue by Fund Source (\$)								Expenditures		Revenue by Fund Source (\$)		
	Direct	Indirect	FHWA PL Cash	Toll Credits Cash	Total FHWA	FHWA PL C/O Cash	Toll Credits	Total FHWA PL C/O	PPM		Direct	Indirect	FHWA PL Cash	Toll Credits Cash	Total FHWA
SRTA															
Personnel	\$ 8,418	\$ 5,473	\$ 12,298	\$ 1,593	\$ 13,891						\$ 8,418	\$ 5,473	\$ 12,298	\$ 1,593	\$ 13,891
Services & Supplies	\$ 750		\$ 664	\$ 86	\$ 750						\$ 750	\$ -	\$ 664	\$ 86	\$ 750
Human Resources	\$ 202		\$ 179	\$ 23	\$ 202						\$ 202	\$ -	\$ 179	\$ 23	\$ 202
													\$ -	\$ -	\$ -
Consultant - IDAX (Product 2)	\$ 56,626								\$56,626		\$ 15,000		\$ 13,280	\$ 1,721	\$ 15,000
Streightlight Data	\$ 100,000					\$ 51,140	\$ 6,626	\$ 57,766	\$42,234						
TOTAL:	\$ 165,996	\$ 5,473	\$ 13,141	\$ 1,702	\$ 14,843	\$ 51,140	\$ 6,626	\$ 57,766	\$98,860		\$ 24,370	\$ 5,473	\$ 26,420	\$ 3,423	\$ 29,843

Previous Accomplishments

SRTA submitted transportation data aggregated from local agencies for 2014 Highway Performance Measuring System (HPMS) reporting and supported local agencies in responding to the California Local Streets and Roads Assessment. Data was submitted to the most recent California Local Streets and Roads Statewide Needs Assessment. SRTA submitted requested HPMS data to Caltrans for counts through 2016. SRTA contracted with a vendor to perform all 218 HPMS travel data counts in FY 2018/2019. SRTA also provided CARB with the best available regional data for the 2018 Progress Report on California's Sustainable Communities and Climate Protection Act, as required under SB150. Monitored and participated in the development of 2016 Regional Transportation Improvement Program (RTIP) performance indicators and measures

Objective

To collect data and develop and maintain performance metrics in support of planning, regulatory compliance, and decision making, including the priority allocation of regional transportation funds.

Discussion

There is a backlog of transportation infrastructure and mobility needs at all levels. Accounting and reporting these needs requires traffic counts, pavement condition assessments, safety statistics, and other transportation data and analyses. Results are utilized to validate travel demand modeling data and to develop transportation improvement plans. The Highway Performance Monitoring System (HPMS) is a federally-mandated, nationwide program that provides information on the extent, condition, performance, usage, and operating characteristics of the nation's highways. Data collected for any road open to public travel are reported in HPMS. Caltrans annually requests data from all MPOs and local agencies. Additional information is provided via the Caltrans HPMS website (<http://www.dot.ca.gov/hq/tsp/hpms/>) and outlined in the "Instructions for Updates, Including the HPMS Data Items dated March 2011. Local agencies are highly encouraged to submit data for the California Local Streets and Roads Statewide Needs Assessment in order to quantify transportation system deficiencies and support appropriate funding levels. HPMS and Local Streets and Roads data are utilized by SRTA for tracking progress and developing targets for federal, state and regional MAP-21/FAST Act performance measures, updating travel model data, and for use in SRTA's planning and programming activities. Transportation data will be incorporated into the region's activity-based travel demand model for the 2022 RTP. In addition, various transportation, land use, and emissions data is needed by CARB to complete the SB150-required annual progress report on California's Sustainable Communities and Climate Protection Act.

Product 1: Regional Data Collection Program Designed to Feed Reporting Requirements and Regional Performance Measures			
Task/Activity		Resp. Agency	Schedule
1.1	Develop a new data collection program that addresses the following needs: 1) Federal Performance-Based Planning and Programming reporting (i.e. support state-adopted targets for federal performance measures in the areas of safety, bridge and roadway condition, and system performance); 2) SB 150 reporting (i.e. progress toward SCS and CARB-assigned regional greenhouse gas emission reduction targets); 3) Regional Transportation Improvement Program (RTIP) performance indicators and measures; 4) air quality monitoring and planning for non-attainment status as needed; and 4) other measures of regional significance (to be determined).		
Product 2: Regional Travel Data Collection Program (IDAX Technical Services Agreement) (\$100K contract total)			
Task/Activity		Resp. Agency	Schedule
2.1	Manage technical services agreement, including invoicing, amendments, and other activities as needed.	SRTA	
2.2	Perform HPMS traffic counts and active transportation counts (recounts or counts not completed in FY 2018/19)	Consultant (IDAX)	
2.3	Combine travel data collected by consultant with manual counts, purchased data, mobile phone application data, and/or other sources as applicable.	SRTA	
2.4	Process travel data acquired through all methods and distribute to regional partners and publish key data and findings via a web-based mapping tool.	SRTA w/ consultant/technical services vendor	
Product 3: Transportation Data for Use in CA Local Streets and Roads Statewide Needs Assessment			
Task/Activity		Resp. Agency	Schedule
3.1	Prepare and transmit transportation data for use in the California Local Streets and Roads Statewide Needs Assessment	Shasta County, Anderson, Redding, Shasta Lake	
Product 4: Track and Report on SB150 Data to CARB			
Task/Activity		Resp. Agency	Schedule
4.1	Work with RABA and Shasta County on transit asset performance measures, advise on targets, coordinate meetings with federal and state partners, and advise on any federal/state changes.	SRTA w/ consultant/technical services vendor	
4.2	Establish regional transit asset management performance targets and prioritize investments.		
Product 5: Track Performance for Inclusion in 2020 RTIP (due December 15, 2019) and Existing 2019 FTIP			
Task/Activity		Resp. Agency	Schedule
5.1	Prepare data for RTIP and FTIP performance measures.	SRTA	
5.2	Develop narrative for RTIP and FTIP on how projects and investments implement the RTP and SCS.		
Product 6: Online Data and Maps			
Task/Activity		Resp. Agency	Schedule
6.1	Generate web-friendly data and map-based geo-spatial presentations.	SRTA	
6.2	Post data on SRTA website and update as appropriate.		

WORK ELEMENT 701.12
SB1 FY 18/19 Formula Funds (LRTP)

Agency: SRTA Budget (FY 2019/20): \$ 235,767

Estimated Budget (FY 2020/21): \$ -

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE FOR FY 2019/20 & 2020/21

Staff Allocations and Funding Requirements	FY 2019/20							FY 2020/21					
	Expenditures							Expenditures					
	Direct	Indirect	FHWA C/O Cash	Toll Credits Cash	Total FHWA C/O	PPM	FY 18/19 SB 1 Formula Funds	Direct	Indirect	FHWA C/O	Toll Credits	Total FHWA C/O	FY 19/20 SB 1 Formula Funds
SRTA													
Personnel	\$ 40,618	\$ 26,408	\$ 59,339	\$ -	\$ 59,339	\$ 7,688	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Services & Supplies	\$ -	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Human Resources	\$ 975		\$ 863	\$ -	\$ 863	\$ 112	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
								\$ -		\$ -	\$ -	\$ -	-
Consultant (TBD)	\$ 167,765						\$ 167,765					\$ -	-
												\$ -	-
TOTAL:	\$ 209,358	\$ 26,408	\$ 60,202	\$ -	\$ 60,202	\$ 7,800	\$ 167,765	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Previous Accomplishments

701.12 is new work element created to program the region's formula apportionment of FY 2018/19 funds. An RFP was prepared and technical services agreement executed.

Objective

Funded with FY 2018/19 cycle SB1 formula funds, this work element has a two-part objective: 1) define SRTA's role with regard to the long-range development of regional public transportation services, as needed to achieve regional performance goals in the Regional Transportation Plan; and 2) develop an action-oriented plan for the timely expansion of interregional passenger rail service, one that is integrated and coordinated with other current and planned modal services (i.e. intercity bus and passenger air service).

Discussion

Public transportation is at the beginning of technology-driven change. With the advent and popularity of on-demand app-based ride services, general public expectations regarding public transportation is changing. Transit ridership has remained flat or is declining in many regions due in part to private-sector options that are more responsive to rider needs. These services are, however, comparatively expensive and not fully accessible to all individuals. Public transportation needs to evolve to address changing needs and expectations if it is to become a viable option for a more citizens, and if the region is going to meet performance targets, including roadway level of service, air quality, social equity, and greenhouse gas emissions. SRTA is developing an on-demand Sunday transit service to address a longstanding unmet transit need and test a new service delivery strategy. A long-range regional plan is needed to guide this process - one that clarifies SRTA's changing role.

Enhanced intercity transportation has long been a goal of the region. Passenger air services has fluctuated greatly in recent years - both in service and reliability. New direct service to Los Angeles - scheduled to begin in October 2018 - will help address this. Current Amtrak passenger rail service is not convenient and reliable enough to be relevant. For a while the region had private sector shuttle service to Sacramento International Airport, but this was discontinued. SRTA has since received a grant to provide intercity bus service, known as the Salmon Runner. At the state level, high-speed rail continues to move forward. Feeder service to the Sacramento Station will be needed. The last regional passenger rail study was completed by Butte County Association of Governments in 1995. A new study that reflects recent changes needs to be developed.

Product 1: Long-Range Transit Plan

Task/Activity	Resp. Agency	Schedule
1.1 Project initiation, including kick-off meeting with selected consultant	SRTA w/ consultant support	July - June
1.2 Stakeholder and public outreach, including technical advisory committee, online information campaign, and public open house.	SRTA w/ consultant support	July - June
1.3 Compile existing transit-related data, finances, and plans. Update and fill in gaps as needed.	SRTA w/ consultant support	July - June
1.4 Perform 'big data' (Streetlight Data contract) analytics, including development of research questions, perform data queries, and report findings.	SRTA w/ consultant support	July - June
1.5 Evaluate future conditions, including 1) extend travel demand modeling and emissions post processing to 2042 (to align with 2022-2042 RTP update); and 2) document uncertainties and disruptive technologies/practices affecting the delivery and utilization of transit services.	SRTA w/ consultant support	July - June
1.6 Develop transit service delivery scenarios and evaluate.	SRTA w/ consultant support	July - June
1.7 Prepare draft and final report, including presentations to advisory committees, transit partners, and the board of directors.	SRTA w/ consultant support	July - June

WORK ELEMENT 701.13	SB1 FY 19/20 Formula Funds (SCS Development & Support)
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Agency: SRTA dget (FY 2019/20): \$ 216,009	Estimated Budget (FY 2020/21): \$ 101,009
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ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE FOR FY 2019/20 & 2020/21

Staff Allocations and Funding Requirements	FY 2019/20						FY 2020/21					
	Expenditures		Revenue by Fund Source (\$)				Expenditures		Revenue by Fund Source (\$)			
	Direct	Indirect	FHWA PL C/O Cash	Toll Credits Cash	Total FHWA C/O	SB1	Direct	Indirect	FHWA PL C/O Cash	Toll Credits Cash	Total FHWA C/O	PPM
SRTA												
Personnel	\$ 27,482	\$ 17,868				\$ 45,350	\$ 27,482	\$ 17,868		\$ -	\$ -	\$ 45,350
Services & Supplies	\$ -		\$ -				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Human Resources	\$ 660					\$ 660	\$ 660			\$ -	\$ -	\$ 660
							\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Consultant (TBD)	\$ 170,000					\$ 170,000	\$ 55,000	\$ -	\$ 48,692	\$ 6,309	\$ 55,000	\$ 170,000
TOTAL:	\$ 198,142	\$ 17,868	\$ -	\$ -	\$ -	\$ 216,009	\$ 83,142	\$ 17,868	\$ 48,692	\$ 6,309	\$ 55,000	\$ 216,009

Previous Accomplishments

SRTA developed and administered an Infill & Redevelopment Incentive Pilot Program in 2015, which provided technical services in support of the City of Redding and K2 Development's Affordable Housing and Sustainable Communities (AHSC) Program grant application. A \$20M grant was awarded. Construction is expected to begin in May 2018 on redevelopment of the vacant Dicker's Department Store, new complete streets surrounding the project, and active transportation improvement connecting the Downtown Transit Center and the Sacramento River Trail. Cycle II of SRTA's Infill & Redevelopment Program provided funding to the city of Redding for active transportation corridor planning and a downtown parking study. Deliverables supported a joint AHSC application submitted by The McConnell Foundation, K2 Development, and the city of Redding in January 2018, resulting in a \$20M AHSC and \$4M IIG grant for redevelopment of the Downtown Parking Structure into mixed use housing/commercial, connect Yuba and Butte Streets to California Street, and enhance non-motorized facilities.

Objective

To provide technical assistance, financial incentives, and other support to local agency and private sector partners in identifying projects, perform conceptual design, and carrying out technical analyses needed to advance projects that help to implement the Regional Transportation Plan/Sustainable Communities Strategy (SCS) and achieve greenhouse gas emission reduction targets through coordinated transportation investment and land use development. As these partnerships and investments begin to yield tangible outcomes, SRTA aims to increase coordination among incentive programs to achieve the critical mass and intensity of factors known to influence travel behavior (the 5 'D Factors' described in the 2018 RTP/SCS).

Discussion

In order to maintain livable and economically active communities, investments in transportation infrastructure and services must be balanced with transportation-efficient land use – meaning a mix of development types, closer together, with access to multiple travel options. The 2015 Regional Transportation Plan (RTP) includes ambitious assumptions for new housing, jobs, and commercial development in Strategic Growth Areas (see attached map) served by the next generation of active transportation infrastructure and public transportation services. SRTA may utilize regional funds and programs to influence and facilitate these goals, but the 2015 RTP cannot be realized without local agency and private sector participation. The Infill & Redevelopment Incentive Pilot Program was developed to cultivate projects and partnerships needed to compete for grants. SCS land use patterns are supported by multi-modal services, programs, and infrastructure developed under different work elements of this OWP.

Product 1: Identification and evaluation of prospective GHG emission reduction strategies necessary to meet CARB-assigned regional GHG emission reduction target for 2035			
Task/Activity		Resp. Agency	Schedule
1.1	Identify a range of potential new GHG emission reduction strategies.	SRTA	Jul - Dec 2019
1.2	Evaluate cost-benefit of prospective strategies, including GHG emission reduction potential and co-benefits (note: technical analysis performed by consultant to be charged to 705.02 (on-call GIS) and 705.05 (on-call travel modeling)).		
1.3	Present findings and recommendations to SRTA Board of Directors		
Product 2: Administer partnership incentives in support of SCS implementation			
Task/Activity		Resp. Agency	Schedule
2.1	Based on findings and direction received as a result of Task 1, develop the next iteration of partnership incentives to facilitate SCS implementation among SRTA's member agencies and private sector, non-profit, and philanthropic stakeholders.	SRTA	Jan - Jun 2020
2.2	Administer and manage incentives, including call for projects, partners coordination, contracting, technical assistance, and so forth.		

WORK ELEMENT 702.01**Transportation Improvement Programs (TIPS)**

Agency: SRTA

Total Budget (FY 2019/20): \$ 69,569

Estimated Budget (FY 2020/21): \$ 69,569

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE FOR FY 2019/20 & 2020/21

Staff Allocations and Funding Requirements	FY 2019/20					FY 2020/21				
	Expenditures		Revenue by Fund Source (\$)			Expenditures		Revenue by Fund Source (\$)		
	Direct	Indirect	FHWA PL Cash	Toll Credits Cash	Total FHWA	Direct	Indirect	FHWA PL Cash	Toll Credits Cash	Total FHWA
Personnel	\$ 39,165	\$ 25,464	\$ 57,216	\$ 7,413	\$ 64,629	\$ 39,165	\$ 25,464	\$ 57,216	\$ 7,413	\$ 64,629
Services & Supplies	\$ 4,000		\$ 3,541	\$ 459	\$ 4,000	\$ 4,000	\$ -	\$ 3,541	\$ 459	\$ 4,000
Human Resources	\$ 940		\$ 832	\$ 108	\$ 940	\$ 940	\$ -	\$ 832	\$ 108	\$ 940
TOTAL:	\$ 44,105	\$ 25,464	\$ 61,590	\$ 7,980	\$ 69,569	\$ 44,105	\$ 25,464	\$ 61,590	\$ 7,980	\$ 69,569

Previous Accomplishments

Amended the 2017 Federal Transportation Improvement Plan (FTIP), submitted 2019 FTIP using California Transportation Improvement Program System (CTIPS), amended 2019 FTIP. Executive director has been granted authority to locally approve both administrative modifications, and formal amendments, to the FTIP.

Objective

To develop candidate projects for transportation programming needs under federal, state, and local transportation improvement programs consistent with the Regional Transportation Plan (RTP) and fiscal constraints.

Discussion

The FTIP is a four-year program of transportation improvements based on long-range transportation plans (23 USC Section 134 (c)(j)) and (23 CFR 450.324) and is updated by September of even-numbered years. Transportation improvement programs (TIPs) are designed to achieve RTP goals and objectives via transportation spending, operations, and management. The FTIP ensures that these activities are carried out in cooperation with federal, state, local and tribal governments, federal land management agency partners, transit agencies, community stakeholders, and the general public. Development of these programs adhere to the adopted SRTA Public Participation Plan. Amendments are routinely needed to reflect changes to federal programs, transportation funding levels, and local agency priorities. Amendments and modifications are reviewed for consistency with the RTP and fiscal constraints and submitted to the funding agencies for approval. The RTIP is a five-year program of projects using State Transportation Improvement Program (STIP) funds and updated by December of odd-numbered years. RTIP projects are approved as part of the STIP by the California Transportation Commission (CTC). RTIP and State Highway Operation and Protection Program (SHOPP) projects are uploaded to the FTIP, once the documents are approved.

*NOTE: Data and PMs for the RTIP and FTIP is included in DATA and PMs WE 701.11

Product 1: 2019 Shasta FTIP Amendments

Task/Activity	Resp. Agency	Schedule
1.1 Receive, process, submit, and post FTIP formal amendment requests, including descriptive letter, CTIPS pages, grouped projects summary tables, financial summary tables, and summary of changes table. Formal amendments undergo a minimum 14-day public review. Subsequently, SRTA staff notifies cognizant agencies, and interested individuals, when formal amendments approved.	SRTA	Jul 2019 - Dec 2020
1.2 Administrative modifications amendments required, or requested, including all of the materials listed in task 1.1, less the financial summary tables. Administrative modifications do not undergo public review and are accepted as state and federally approved upon local approval.		

Product 2: Monitor Implementation of 2018 Shasta RTIP

Task/Activity	Resp. Agency	Schedule
2.1 Attend CTC meetings, as necessary.	SRTA	Minimum Bi-monthly
2.2 Review biennial STIP fund estimate, revisions to fund estimate (as needed), and CTC guidelines.		
2.3 Meet with local agencies to determine upcoming projects and funding strategies. Seek additional/matching funding for STIP projects.		Jul 2019 - Dec 2019
2.4 Manage allocations and timely use of funds.		
2.5 Monitor opportunities to include intelligent transportation systems (ITS) strategies and develop candidate projects.		
2.6 Develop, review, and update RTIP performance measures, as needed.		

Product 3: California Federal Programming Group Meetings

Task/Activity	Resp. Agency	Schedule
3.1 Attend CFGP meetings	SRTA	Bi-monthly

Product 4: Prepare 2020 Shasta RTIP

Task/Activity	Resp. Agency	Schedule
4.1 Review 2020 Fund Estimate and Final STIP Guidelines; attend CTC workshops on 2020 STIP.	SRTA	Jun 2019 - Aug 2019
4.2 Discuss projects for 2020 RTIP.		
4.3 Review RTP, performance measures, FAST Act targets, and agency priorities in developing draft 2020 RTIP.		Jul 2019 - Dec 2019
4.4 Circulate for public review and comment.		
4.5 Approve 2020 RTIP and submit to CTC.		

Product 5: 2021 Shasta FTIP

Task/Activity	Resp. Agency	Schedule
5.1 Attend FTIP development workshop in Sacramento.	SRTA	Jan 2020 - Feb 2020
5.2 Solicit and gather programming information for 2021 FTIP.		Feb 2020 - Apr 2020
5.3 Transfer 2020 STIP and SHOPP projects into draft 2021 FTIP.		May 2020
5.4 Prepare draft 2021 FTIP and circulate for public/interagency review.		May 2020 - Jun 2020
5.5 Revise document and present to SRTA Board of Directors for approval.		Jun 2020

Product 6: Prepare and Publish Annual List of Federal FY Federally-Obligated Projects

Task/Activity	Resp. Agency	Schedule
6.1 Receive Caltrans list of federally-obligated streets, roads, and bicycle projects for prior federal fiscal year (FFY).	SRTA	Oct - Dec
6.2 Modify list for public use, add FTIP CTIPS numbers to projects, and solicit and add federally-funded transit projects.		
6.3 Publish list of prior FFY federally-obligated projects within 90 days following the end of the prior FFY. Post to SRTA website.		

Product 7: Annual List of Locally-Approved Regional Surface Transportation Program (RSTP) Projects

Task/Activity	Resp. Agency	Schedule
7.1 With RSTP prior year estimates, solicit local project submissions per SRTA RSTP policies.	SRTA	Feb - Mar
7.2 Evaluate submitted projects for eligibility and prepare staff recommendation for RSTP-funded projects.		Mar - Apr
7.3 Present funding recommendations to SRTA Board of Directors for approval.		Apr
7.4 Under WE 702.02, prepare RSTP sub-recipient cooperative agreements with local jurisdictions and disseminate for approval.		May

Overall Work Program (OWP)

Estimated Budget (FY 2020/21): \$	146.842
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Staff Allocations and Funding Requirements	FY 2019/20					FY 2020/2021				
	Expenditures		Revenue by Fund Source (\$)			Expenditures		Revenue by Fund Source (\$)		
	Direct	Indirect	FHWA PL Cash	Toll Credits Cash	Total FHWA	Direct	Indirect	FHWA PL Cash	Toll Credits Cash	Total FHWA
Personnel	\$ 87,113	\$ 56,638	\$ 127,263	\$ 16,488	\$ 143,751	\$ 87,113	\$ 56,638	\$ 127,263	\$ 16,488	\$ 143,751
Services & Supplies	\$ 1,000		\$ 885	\$ 115	\$ 1,000	\$ 1,000		\$ 885	\$ 115	\$ 1,000
Human Resources	\$ 2,091		\$ 1,851	\$ 240	\$ 2,091	\$ 2,091	\$ -	\$ 1,851	\$ 240	\$ 2,091
TOTAL:	\$ 90,204	\$ 56,638	\$ 129,999	\$ 16,843	\$ 146,842	\$ 90,204	\$ 56,638	\$ 129,999	\$ 16,843	\$ 146,842

Prior year budget and work plan prepared and adopted; quarterly reports completed, including descriptive summaries of work performed and corresponding budget expenditures; consultation and coordination with state and federal partners regarding the content and ongoing improvement of the OWP document; updated agency policies as appropriate and necessary; maintained and used a full-cost accounting system for fiscal management of US DOT funds; developed and executed sub-recipient cooperative agreements; developed and adopted policy for the distribution of planning funds to local partner agencies. Adopted new Overall Work Program policies and procedures for the agency (Section 2.24.10). Prepared prior FY regional planning priorities, draft OWP, and final OWP. Participated in annual OWP coordination meeting with state and federal oversight partners.

To develop and administer a comprehensive, coordinated work plan of projects and programs that support implementation of the RTP, short-term transportation improvement programs, California Planning Emphasis Areas, and Federal Planning Factors. To prepare and adopt an agency budget, and annual ICAP rate for the operation of SRTA.

The OWP is a detailed description of agency work to be accomplished during the fiscal year (July 1 through June 30) and the fund sources to be used to support RTP implementation and the development of short-term transportation improvement programs. The OWP is prepared pursuant to 23 CFR 450.308 and the Regional Planning Handbook prepared by the California Department of Transportation. At a minimum, the OWP includes: a description of the planning activities and products; who will perform the work; anticipated time frame for completing the work; and the budget and source of funds. SRTA receives, oversees, and monitors the use of state and federal funding for implementation of the OWP and is therefore required to establish policies and procedures to meet DOT regulations. Cooperative agreements are also executed with partner agencies that jointly undertake work within the OWP.

Task/Activity		Resp. Agency	Schedule
1.1	Prepare prior year certification of expenditures and close out reports for submittal to Caltrans.	SRTA	Jul - Sept
Product 2:	Management of Current FY OWP and Budget		
Task/Activity		Resp. Agency	Schedule
2.1	Administer/amend and oversee subrecipient cooperative agreements (general and RSTP) with local agency subrecipients.	SRTA	On-going
2.2	Track staff hours on work tasks and review budget expenditures.		
2.3	Prepare and submit invoices and quarterly progress reports to Caltrans, including SRTA and sub-recipient activity, as well as Disadvantaged Business Enterprise (DBE) reporting forms.		Quarterly
2.4	Prepare bi-yearly DBE reporting to submit to Caltrans, Headquarters.		Apr and Oct
Product 3:	OWP Amendments		
Task/Activity		Resp. Agency	Schedule
3.1	Prepare staff report and budget documents for SRTA Board of Directors approval (typically 2-3 amendments per year).	SRTA	As needed
3.2	Coordinate with Caltrans District 2 and submit required documentation to Caltrans for federal and state approval.		
Product 4:	Prepare Next FY OWP		
Task/Activity		Resp. Agency	Schedule
4.1	Annual OWP coordination meeting with Caltrans, FHWA, and FTA.	SRTA	Nov/Dec
4.2	Prepare and present regional planning priorities for board of directors' approval.		Oct - Dec
4.3	Prepare and distribute local agency call for planning projects based on regional planning priorities, Federal Planning Factors, and California Planning Emphasis Areas. Evaluate proposals. "Dependent on funding"		Aug - Jan
4.4	Update prospectus and prepare draft FY 2020/21 work elements.		
4.5	Analyze SRTA staff and labor needs, allocate staff hours across work elements, and prepare draft budget, including: personnel, services and supplies, consultant work, local agency sub-allocations, and indirect costs.		Nov - Feb
4.6	Prepare and present draft OWP to board of directors for review and comment.		Feb
4.7	Submit draft OWP to state and federal agencies for review and comment.		Mar
4.8	Revise draft OWP to include federal and state comments and recommendations.		Mar - Apr
4.9	Prepare and present final OWP to board of directors for adoption.		Apr
4.10	Prepare and submit annual sub-recipient cooperative agreements to sub-recipients. File SCAs and issue Notices to Proceed upon full execution.		
4.11	Submit final OWP to Caltrans for state and federal approval.		May - Jun

WORK ELEMENT 702.03	Grant Writing and Technical Assistance
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Agency: SRTA	Total Budget (FY 2019/20): \$ 81,928	Estimated Budget (FY 2020/21): \$ 21,928
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ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE FOR FY 2019/20 & 2020/21

Staff Allocations and Funding Requirements	FY 2019/20				FY 2020/21			
	Expenditures		Revenue by Fund Source (\$)		Expenditures		Revenue by Fund Source (\$)	
	Direct	Indirect	LTF		Direct	Indirect	LTF	
SRTA								
Personnel	\$ 12,799	\$ 8,322	\$ 21,121	\$ -	\$ 12,799	\$ 8,322	\$ 21,121	\$ -
Services & Supplies	\$ 500		\$ 500	\$ -	\$ 500	\$ -	\$ 500	\$ -
Human Resources	\$ 307		\$ 307	\$ -	\$ 307	\$ -	\$ 307	\$ -
Consultant (TBD)	\$ 60,000		\$ 60,000					
TOTAL:	\$ 73,606	\$ 8,322	\$ 81,928	\$ -	\$ 13,606	\$ 8,322	\$ 21,928	\$ -

Previous Accomplishments

Previous efforts, including but not limited to the development and support of grant applications through the Affordable Housing & Sustainable Communities (AHSC) program; Transit and Intercity Rail Capital Program (TIRCP); Fostering Advancements in Shipping and Transportation for the Long-term Achievement of National Efficiencies (FASTLANE) program; Transportation Investment Generating Economic Recovery (TIGER) program; Active Transportation Program (ATP); Caltrans Sustainable Communities Planning Grant Program, and Trade Corridors Enhancement Program (TCEP).

Objective

This work element consolidates efforts previously dispersed throughout prior year OWPs to develop new projects, partnerships, and grant applications. Establishing a dedicated grant writing and technical assistance work element and funding it entirely with LTF ensures that federal planning funds are not used to for ineligible activities such as develop capital grant applications. Also, because these are new projects in development, there is typically no dedicated work element in place to charge this work, which typically requires >40 hours to develop and submit each application. This new work element remedies this issue. Upon award of grants for specific projects, they are amended into the OWP under their own unique work elements.

Discussion

Transportation funding has transitioned in recent years from predominately formula-based allocations to a highly competitive discretionary funding environment. In addition to newer federal programs, the State of California has introduced a number of Greenhouse Gas Reduction Fund (GGRF) funded programs that fund capital roadway projects, transit capital and operating projects, and non-motorized planning and capital projects. Furthermore, a number of past funding avenues have been consolidated into ultra-competitive programs such as the Active Transportation Program (ATP). SRTA plays a key role in tracking current and new grant program opportunities, competing directly for grants, and assisting local partner agencies in seeking grants for projects that help to implement SRTA's adopted Regional Transportation Plan (RTP). The funding assumptions and performance goals found in the adopted RTP are premised on the successful pursuit of these discretionary funding sources. Due to tight grant program timelines and large variations in work effort required, SRTA maintains a technical services contracts with consultant to augment SRTA staff time.

Product 1: Develop projects to compete effectively for discretionary funding			
Task/Activity		Resp. Agency	Schedule
1.1	Track existing and emerging state and federal grant opportunities. Perform research into applicable programs and participate in grant workshops as needed.	SRTA	Jul 2018 - Jun 2020
1.2	Communicate with and provide technical assistance to local agencies, human service transportation providers, and private industry partners to identify project needs and align these needs with applicable grant program funding opportunities.		
1.3	Develop project work scopes and organize interagency and community partnerships and resources.		
Product 2: Grant development consultant contract			
Task/Activity		Resp. Agency	Schedule
2.1	Administer procurement process for consultant services.	SRTA	Jul 2017 - Jun 2019
2.2	Manage consultant contracts, including review of invoices and progress made on deliverables.		
2.3	Consultant work as required to develop grant applications.	Consultant	

WORK ELEMENT 703.01
Active Transportation Planning

Agency: SRTAjet (FY 2019/20): \$107,127

Estimated Budget (FY 2020/21): \$ 107,127

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE FOR FY 2019/20 & 2020/21

Staff Allocations and Funding Requirements	FY 2019/20									FY 2020/21				
	Expenditures		Revenue by Fund Source (\$)							Expenditures		Revenue by Fund Source (\$)		
	Direct	Indirect	FHWA PL Cash	Toll Credits Cash	Total FHWA	PPM	FHWA PL C/O Cash	FHWA PL C/O Toll Credits Cash	Total FHWA PL C/O	Direct	Indirect	FHWA PL Cash	Toll Credits Cash	Total FHWA
SRTA														
Personnel	\$ 62,555	\$ 40,671	\$ 31,185	\$ 4,040	\$ 35,226	\$ 68,000	\$ -	\$ -	\$ -	\$ 62,555	\$ 40,671	\$ 91,386	\$ 11,840	\$ 103,226
Services & Supplies	\$ 2,400		\$ 2,125	\$ 275	\$ 2,400	\$ -				\$ 2,400	\$ -	\$ 2,125	\$ 275	\$ 2,400
Human Resources	\$ 1,501		\$ 1,329	\$ 172	\$ 1,501	\$ -				\$ 1,501	\$ -	\$ 1,329	\$ 172	\$ 1,501
TOTAL:	\$ 66,456	\$ 40,671	\$ 34,639	\$ 4,488	\$ 39,127	\$ 68,000	\$ -	\$ -	\$ -	\$ 66,456	\$ 40,671	\$ 94,840	\$ 12,287	\$ 107,127

Previous Accomplishments

A Transportation Development Act (TDA) 2% set aside program for bicycle and pedestrian improvements was created in 2013, including the adoption of project funding priorities. Funding was provided to the City of Shasta Lake to develop an Active Transportation Program (ATP) grant application for the Churn Creek Trail Project. Project construction funding was provided to: the City of Anderson for construction of a trail segment connecting Balls Ferry Road to Anderson River Park; the City of Redding for the Riverside Drive and Browning Street bicycle and pedestrian projects; and county of Shasta for projects on Park and Tamarack Ave. and Tamarack Ave. in Burney. SRTA participated in joint efforts with Healthy Shasta to develop and fund a bicycle route bikeway signage program in the City of Anderson. SRTA worked with Healthy Shasta and FarNorCalGIS to prepare a GIS-based bicycle parking inventory and web map viewer. Program guidelines for Rural Bike Lanes and Sidewalks to Transit (BLAST) Program adopted. SRTA hosted a series of Association of Pedestrian and Bicycle Professionals (APBP) webinars. Collectively, these projects and activities reacted to active transportation needs without a clear overarching plan and vision. The GoShasta Regional Active Transportation Plan was adopted in February 2018 to address this issue. Regional funds and technical assistance is now prioritized for implementation of this plan, developed collaboratively with local jurisdictions and the public. Complementary efforts led by SRTA's partners include the Downtown Redding Transportation Plan, Downtown Redding Specific Plan Update, and the Caltrans District 2 SR 273 active transportation outreach effort. New projects funded include the Riverside Trail (aka Diestelhorst to Downtown Class IV Cycletrack). SRTA also programed regional funds to design the Downtown to Turtle Bay connection.

Objective

To implement the GoShasta Regional Active Transportation Plan (adopted February 2018) and increase the share of trips made via bicycle and walking. Ambitious targets for the reduction of vehicle miles traveled and associated greenhouse gas emissions documented in the RTP/SCS cannot be achieved using incremental implementation of outdated strategies serving geographically dispersed development patterns and segregation land uses. A new generation of infrastructure, policies, and programs, combined with supportive land use, is required. The regional vision and strategies presented in the adopted GoShasta Regional Active Transportation Plan describes the next generation of facilities, programs, and policies required to achieve the RTP/SCS. This work element helps to focus regional resources and effort to expedite the planning and funding of GoShasta priorities, including the creation of active transportation 'trunk lines'. Coordination with WE 701.13 (SCS Incentives) is used to encourage transportation-efficient land use patterns within strategic growth areas and corridors.

Discussion

Public interest and usage of 'active' (i.e. bicycle and pedestrian) travel options continues to grow in the Shasta Region. SRTA's plans and investments support the development of safe and convenient infrastructure; connectivity between the region's trails and the urban network; maintenance of existing bicycle and pedestrian facilities; integration with public transportation; and complete streets. These strategies play a key role in SRTA's Sustainable Communities Strategy (SCS) for reducing vehicle miles traveled and associated greenhouse gas emissions. Federal funding programs for bicycle and pedestrian improvements have been consolidated and are now awarded competitively. Projects proposed for funding must eventually be part of an adopted Active Transportation Plan. GoShasta services this purpose and guides regional investments.

Product 1: Active Transportation planning, policy development and education

Task/Activity	Resp. Agency	Schedule
1.1 Host and participate in bicycle and pedestrian planning and policy workgroups and advisory committees.	SRTA	Jul 2019 - Jun 2021
1.2 Host active transportation educational opportunities (E.g. seminars, webinars, trainings, etc.) for local and regional transportation partners.		
1.3 Work with stakeholders to generate and offer support and participation in active transportation projects, programs, promotion, and grant applications.		Jul 2019 - Jun 2021
1.4 Utilize "big data", video-based bike-ped counts, and other data sources to assess active transportation volumes, route selection, trip duration, etc. before and after project implementation, and to validate planning assumptions and provide more substantive support for grant applications.		Jul 2019 - Jun 2021
1.5 Provide the city of Redding data and other support needed to maintain regionwide active transportation facility data for GIS mapping.		Jul 2019 - Jun 2022

Product 2: Provide Active Transportation Technical Assistance to Local Agencies and Organizations

Task/Activity	Resp. Agency	Schedule
2.1 Research funding opportunities for bicycle and pedestrian planning and construction.	SRTA	Jul 2019 - Jun 2021
2.2 Provide technical assistance, as needed, for local agencies to prepare 1) bicycle and pedestrian projects that establish or extend active transportation trunk line alignments; 2) bicycle and pedestrian project nominations for SRTA's Non-Motorized Program; and 3) project concepts and preliminary designs to support grant seeking (for those efforts not otherwise falling under Sustainable Shasta (WE 703.05)). Projects should be consistent with the GoShasta Regional Active Transportation Plan.	SRTA	Jul 2019 - Jun 2021
2.3 Provide technical support, as needed, for organizations seeking to improve the active transportation user experience, whether through infrastructure grant acquisitions or programmatic efforts.	SRTA	Jul 2019 - Jun 2021

Product 3: Manage SRTA's non-motorized programs

Task/Activity	Resp. Agency	Schedule
3.1 Administer and manage Rural BLAST Program and 2% TDA bicycle and pedestrian set-aside, including accounting and project monitoring, for projects that are consistent with the GoShasta Regional Active Transportation Plan	SRTA	Jul 2019 - Jun 2021

WORK ELEMENT 703.05										Sustainable Shasta					
Agency: SRTA		Total Budget (FY 2019/20): \$ 391,393						Estimated Budget (FY 2020/21): \$ 61,393							
ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE FOR FY 2019/20 & 2020/21															
Staff Allocations and Funding Requirements	FY 2019/20							FY 2020/21							
	Expenditures		Revenue by Fund Source (\$)					Expenditures		Revenue by Fund Source (\$)					
SRTA	Direct	Indirect	PPM	FTA 5304	FHWA C/O Cash	Toll Credits Cash	FHWA C/O Total	Direct	Indirect	PPM	FTA 5304	FHWA C/O Cash	Toll Credits Cash	FHWA Total	
Personnel	\$ 36,074	\$ 23,454	\$ 58,527	\$ -	\$ 885	\$ 115	\$ 1,000	\$ 36,074	\$ 23,454	\$ 58,527	\$ -	\$ 885	\$ 115	\$ 1,000	
Services & Supplies	\$ 1,000		\$ -	\$ -	\$ 885	\$ 115	\$ 1,000	\$ 1,000	\$ -	\$ -	\$ -	\$ 885	\$ 115	\$ 1,000	
Human Resources	\$ 866		\$ -	\$ -	\$ 766	\$ 99	\$ 866	\$ 866	\$ -	\$ -	\$ -	\$ 766	\$ 99	\$ 866	
								\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Consultant	\$ 330,000		\$ -	\$330,000	\$ -		\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TOTAL (FY 18/19):	\$ 367,939	\$ 23,454	\$ 58,527	\$330,000	\$ 2,537	\$ 329	\$ 2,866	\$ 37,939	\$ 23,454	\$ 58,527	\$ -	\$ 2,537	\$ 329	\$ 2,866	
Previous Accomplishments															
SRTA recieved a FY 17/18 Sustainable Communities Planning Grant for 'Sustainable Shasta: A Walk and Bike Network for Downtowns'. Alta Design was contracted to carry out the scope of work. Design concepts have been prepared for a number of projects and utilized in capital grant applications.															
Objective															
To develop a pipeline of capital grant-ready active transportation projects that: 1) implement the adopted RTP/SCS and GoShasta Active Transportation Plan; and 2) help the region meet performance targets for active transportation mode share and safety. Deliverables are coordinated the allocation of Regional Non-Motorized Program funds when seeking various discretionary grant funds.															
Discussion															
Performance outcomes of the '2018 Regional Transportation Plan/Sustainable Communities Strategy for Shasta County' (RTP/SCS) are premised on a leap forward in active transportation infrastructure combined with supportive programs and amenities. Conventionally strategies will not achieve the mode shift assumed in the travel demand model nor will they allow the region to meet its CARB-assigned greenhouse gas (GHG) emission reduction target. In February of 2018, the GoShasta Regional Active Transportation Plan was adopted. This plan defines high-quality active transportation infrastructure types and design features (e.g. Class IV separated bikeways/cycle tracks, protected intersections, rectangular rapidly flashing beacon, etc.); amenities (e.g. wayfinding signage, racks, lockers, stair ramps, fix-it stations, air stations, hydration stations, benches, shelters, etc.), and programmatic support (e.g. bike share, safety training, incentives, etc.). Sustainable Shasta addresses the need for grant-ready, transformational active transportation projects. The Regional Non-Motorized Program addresses the need for local match. Together, these programs help local jurisdictions compete for discretionary capital grants required for implementation.															
Product 1: Procurement and Reporting															
Task/Activity												Resp. Agency		Schedule	
1.1		Prepare request for proposals, procure consultant. Deliverables are procurement package(s) including request for proposals, proposals; selection documents, and consultant contract.										SRTA		July 2017 completed	
1.2		Kick-off meeting between SRTA, consultant and Caltrans. Deliverables are kick-off meeting agenda and minutes; project management plan with defined roles; updated project schedule.										SRTA, consultant, Caltrans		July 2017-Aug 2017 completed	
1.3		Administer grant, including quarterly reports to Caltrans and invoicing. Deliverables are quarterly reports, invoices, and final report.										SRTA		Jul 2017 - Jun 2020	
Product 2: Outreach and Stakeholder Communication															
Task/Activity												Resp. Agency		Schedule	
2.1		Workshop between SRTA, consultant and project partners. Deliverables are stimulating workshop posters, speaker list, attendee list, presentations, refreshments.										SRTA, consultant, project partners		Mar 2017 - May 2017	
2.2		Coordinate project team communication. Deliverables are project team list, sign-in sheets, agendas, minutes, project updates, presentation material.										SRTA, consultant, project partners		July 2017 - Jun 2020	
2.3		Coordinate 15-20 outreach meetings, including neighborhood focus groups – piggybacking with on-going neighborhood association and other organization coordination (e.g. Healthy Shasta), – stakeholder interviews, and site visits. Participants will be directly invited to final presentations in Task 5.3. Deliverables are schedules, notes, invitations, participation counts from 15-20 outreach meetings.										SRTA, consultant		Feb 2018 - June 2019	
2.4		Summary of outreach and stakeholder communication. Deliverable is a technical memorandum summarizing outreach and stakeholder communication										consultant		Oct 2019 - Dec 2019	
Product 3: Corridor Alignment and Layout															
Task/Activity												Resp. Agency		Schedule	
3.1		Analyze and present alternative context-appropriate non-motorized alignments and layouts for 15 to 20 corridors with limited automobile conflicts into seven regional SGAs. A new generation of Class I and Class IV non-motorized projects that enhance connectivity to surrounding neighborhoods facilities are needed to expand mobility options within and to SGAs. Deliverables are alignment and layout alternatives for 15 to 20 corridors into SGAs.										consultant		Nov 2017 - June 2019	
3.2		Recommend non-motorized alignments and layouts for 15-20 corridors into SGAs. Deliverables are recommended alignments and layouts for 15-20 corridors into SGAs.										SRTA, consultant, project partners		Nov 2017 - Jun 2019	
3.3		Analyze and present alternative alignments and layouts of destination streets or blocks in SGAs. Deliverables are alignment and layout alternatives for destination streets/blocks in SGAs.										consultant		Sep 2018 - Jun 2019	
3.4		Recommend alignments and layouts for destination streets/blocks in SGAs. Deliverables are recommended alignments and layouts for destination streets/blocks in SGAs.										SRTA, consultant, project partners		Sep 2018 - Jun 2019	
3.5		Summary of coridor alignments and layouts. Deliverable is a technical memorandum summarizing corridor alignment and layout results.										consultant		Jul 2019 - Oct 2019	
Product 4: Regional Policies and Procurement Program															
Task/Activity												Resp. Agency		Schedule	
4.1		Establishment of regional non-motorized funding policies that point partner agencies to the most up-to-date guidance on advanced bicycle and pedestrian infrastructure (e.g. NACTO Urban Bikeway Design Guide) and promote projects that include non-motorized amenities. Deliverables are regional non-motorized funding policies for advanced non-motorized infrastructure and amenities.										SRTA, consultant, project partners		Mar 2019 - Jun 2019	
4.2		Development of a procurement program for non-motorized transportation amenities (e.g. wayfinding signage, racks, lockers, stair ramps, fix-it stations, air stations, hydration stations, benches, shelters, etc.). Deliverable is a procurement program for amenities.										SRTA, consultant, project partners		March 2018 - Oct 2019	
4.3		Summary of regional funding policies and amenities procurement program. Deliverable is a technical memorandum summarizing regional non-motorized										consultant		Nov 2019 - Jan 2020	
Product 5: Final Report															
Task/Activity												Resp. Agency		Schedule	
5.1		Prepare draft final report with implementation and next steps, circulate for review and make revisions as appropriate. Deliverable is a draft final report with implementation and next steps.										SRTA, consultant		Dec 2019 - March 2020	
5.2		Final report printing and circulation. Deliverable is final report in printed and digital formats.										consultant		Feb 2020 - Apr 2020	
5.3		Present final report (totaling 6-8 final presentations) to project team boards and councils, Caltrans executive management and SRTA board. Deliverables are presentations (6-8) to project team boards and councils, Caltrans executive management and SRTA board.										consultant		Feb 2020 - Jun 2020	

WORK ELEMENT 704.01**Public Information and Participation**Agency: **SRTA****Total Budget (FY 2019/20): \$ 74,001****Estimated Budget (FY 2020/21): \$ 74,445****ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE FOR FY 2019/20 & 2020/21**

Staff Allocations and Funding Requirements	FY 2019/20								FY 2020/21					
	Expenditures		Revenue by Fund Source (\$)						Expenditures		Revenue by Fund Source (\$)			
	Direct	Indirect	FHWA PL Cash	Toll Credits Cash	Total FHWA PL	LTF	Total FHWA PL C/O	PPM	Direct	Indirect	FHWA PL Cash	Toll Credits Cash	Total FHWA PL	LTF
SRTA														
Personnel	\$ 36,204	\$ 23,538	\$ 44,785	\$ 5,802	\$ 50,588	\$ 9,154			\$36,204	\$ 23,538	\$ 44,785	\$ 5,802	\$ 50,588	\$ 9,154
Services & Supplies	\$ 4,000		\$ 2,833	\$ 367	\$ 3,200	\$ 800			\$ 4,000	\$ -	\$ 2,833	\$ 367	\$ 3,200	\$ 800
Human Resources	\$ 869		\$ 615	\$ 80	\$ 695	\$ 174			\$ 869	\$ -	\$ 615	\$ 80	\$ 695	\$ 174
									\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Consultant (TBD)	\$ 8,890		\$ 6,296	\$ 816	\$ 7,112	\$ 1,778			\$ 9,335	\$ -	\$ -	\$ -	\$ -	\$ 9,335
Web Hosting	\$ 500		\$ 354	\$ 46	\$ 400	\$ 100			\$ 500	\$ -	\$ -	\$ -	\$ -	\$ 500
TOTAL:	\$ 50,463	\$ 23,538	\$ 54,884	\$ 7,111	\$ 61,995	\$12,006	\$ -	\$ -	\$50,907	\$ 23,538	\$ 48,233	\$ 6,249	\$ 54,483	\$ 19,963

Previous Accomplishments

Performed SRTA Board of Directors and TAC meetings; adopted 2018 Public Participation Plan; updated Title VI plan and Limited English Proficiency Plan; managed social media announcements on Facebook and Twitter accounts. Developed and produced agency report to convey recent, current, and planned projects and programs and to invite and encourage broad-based community participation.

Objective

To be transparent in all agency activities and decision-making processes. To provide information and resources that are accessible, approachable, and meaningful to SRTA's broad range of customers, including the general public, public agency partners, and other stakeholders affected by or interested in the agency's plans, programs, and decisions. Increase public awareness about SRTA, its projects and how they are impacted by, or impact, the public.

Discussion

As the state-designated Regional Transportation Planning Agency (RTPA) and federally-designated Metropolitan Planning Organization (MPO) for Shasta County, SRTA plays a central role in creating, strengthening, and leveraging partnerships to meet regional challenges and opportunities. SRTA's primary public communication tool is the board of directors meetings held five times per year and augmented as needed with special meetings. In addition, SRTA maintains a Public Participation Plan (PPP) that outlines SRTA's process for providing all affected or otherwise interested stakeholders with reasonable opportunities to be involved in the metropolitan transportation planning and programming process. As described in the PPP, SRTA considers each activity individually and utilizes strategies designed to facilitate public access, awareness, and/or action. SRTA's most popular and effective tool for day-to-day outreach activities is the agency's website, which now features community engagement tools. Social media applications, including Facebook and Twitter, are also utilized.

Product 1: Agency website (www.srta.ca.gov)

Task/Activity	Resp. Agency	Schedule
1.1 Update agency website	SRTA	Ongoing
1.2 Website services, including web-domain hosting, and social media promotions	Services & Supplies	Annual
1.3 Manage online community engagement tools, including Facebook, Twitter, and community voice modules on agency website	SRTA	Jul 2019 - Jun 2021

Product 2: Community Survey

Task/Activity	Resp. Agency	Schedule
2.1 Manage procurement and contracting for qualified vendor to support the design, administration, and post-processing of community survey on transportation needs and issues, including a targeted assessment of known disadvantaged communities	SRTA	Jul 2019 - Dec 2019
2.2 Design and administer random telephone community survey and online survey in order to: 1) evaluate the effectiveness of the 2016 Public Participation and Title Plan; 2) inform development of the 2019 Public Participation Plan; and 3) inform regional planning processes and	SRTA, Consultant	Jan 2020 - Jun 2020
2.3 Deliver and present findings to SRTA Board of Directors.	SRTA, Consultant	

Product 3: Public Information and Notifications

Task/Activity	Resp. Agency	Schedule
3.1 Provide information to the public regarding regional transportation infrastructure and services, including but not limited press releases, social media, and presentations to community groups.	SRTA	
3.2 Provide ready-to-publish information to member agencies on transportation projects with a regional funding component, for use in local	SRTA, Consultant	
3.3 Legal notices and advertisements regarding SRTA planning and programming activities.	Services & Supplies	Jul 2019 - Jun 2021

Product 4: Public Participation and Title VI Plan

Task/Activity	Resp. Agency	Schedule
4.1 Track efforts described in the existing Public Participation and Title VI Plan (i.e. the 3 A's: Access, Awareness, and Action).		
4.2 Update SRTA's PPP, including research, performance evaluation of prior PPP, development of draft and final plans, and presentation to SRTA Board of Directors for adoption. An update to the plan is due by 12/13/2019.	SRTA	Jan 2019 - Dec 2019

WORK ELEMENT 705.02
GIS Applications

Agency: SRTA Total Budget (FY 2019/20): \$ 68,685

\$ 68,685

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE FOR FY 2019/20 & 2020/21

Staff Allocations and Funding Requirements	FY 2019/20					FY 2020/21				
	Expenditures		Revenue by Fund Source (\$)			Expenditures		Revenue by Fund Source (\$)		
	Direct	Indirect	FHWA PL Cash	Toll Credits Cash	Total FHWA	Direct	Indirect	FHWA PL Cash	Toll Credits Cash	Total FHWA
SRTA										
Personnel	\$ 21,972	\$ 14,286	\$ 32,099	\$ 4,159	\$ 36,258	\$ 21,972	\$ 14,286	\$ 32,099	\$ 4,159	\$ 36,258
Services & Supplies	\$ 2,000		\$ 1,771	\$ 229	\$ 2,000	\$ 2,000	\$ -	\$ 1,771	\$ 229	\$ 2,000
Human Resources	\$ 527		\$ 467	\$ 60	\$ 527	\$ 527	\$ -	\$ 467	\$ 60	\$ 527
Consultant:										
ArcGIS Licenses	\$ 9,900	\$ -	\$ 8,764	\$ 1,136	\$ 9,900	\$ 9,900	\$ -	\$ 8,764	\$ 1,136	\$ 9,900
Consultant Services (Synergy)	\$ 20,000	\$ -	\$ 17,706	\$ 2,294	\$ 20,000	\$ 20,000	\$ -	\$ 17,706	\$ 2,294	\$ 20,000
						\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL:	\$ 54,400	\$ 14,286	\$ 60,807	\$ 7,878	\$ 68,685	\$ 54,400	\$ 14,286	\$ 60,807	\$ 7,878	\$ 68,685

Previous Accomplishments

Participated in Far North Regional GIS Council (FNRGC); managed the FarNorCalGIS platform; utilized GIS data and analyses in support of the agency's work program; and developed standards and graphic templates for use in agency documents. Developed and prepared a long-term management plan and disaster recovery plan for the FarNorCalGIS platform. Distributed 2016 orthoimagery to server and individuals by request, including USGS and private companies. Developed a new logo utilizing GIS for the Upstate Plug-In Electric Vehicle Region and presented to stakeholders. Reviewed next steps (version 2.0) of FarNorCalGIS, and participated in a seminar from Esri regarding transitioning to new version of their software, ArcGIS Pro.

Objective

GIS serves as the technical foundation for planning, policy analysis, performance measuring, and other core agency work elements. Objectives include: eliminate technical barriers to planning and policy analysis; better engage the public and community stakeholders via maps and visualizations; promote consistent and compatible data and technology standards; improve data quality, accuracy, and completeness; enhance access to GIS data resources; and facilitate the exchange of data between data producers and data consumers.

Discussion

SRTA continues to expand its technical and regional data sharing role, with a focus on developing and maintaining countywide land use and transportation-related GIS data. Additional data layers, including US Census and economic data, are likewise being added to enhance spatial analysis capabilities. GIS data is integrated into the ShastaSIM Travel Demand Model and is used to assist with development of the Sustainable Community Strategy (SCS) and tracking performance toward RTP objectives.

Product 1: Regional GIS Program

Task/Activity	Resp. Agency	Schedule
1.1 Maintain requisite GIS licensing needed for SRTA operations.	SRTA	Jul 2018 -June 2020
1.2 Maintain and enhance agency GIS capabilities, including participation in GIS training.		
1.3 Participate in interagency GIS user groups.		

Product 2: FarNorCalGIS Regional Server & Web-Portal

Task/Activity	Resp. Agency	Schedule
2.1 Administration and ongoing development of FarNorCalGIS.org website, including GIS licensing for the platform host (Shasta College); content development; and leadership/participation in management and technical committees.	SRTA	Jul 2018 -June 2020
2.2 Liaison between FarNorCalGIS and the greater sixteen-county North State Super Region, including the promotion of data standardization, data development and technical support of partnership planning.		

Product 3: On-call GIS Support Services

Task/Activity	Resp. Agency	Schedule
3.1 Maintain on-call GIS consultant services contract.	SRTA	Jul 2018 -July 2020
3.2 Miscellaneous on-call GIS support for other work elements and SRTA's member agencies (major work tasks involving GIS are included in appropriate work elements)	Consultant	Jul 2017 -June 2019
3.3 Procurement new on-call GIS consultant services contract.	Consultant	Jul-18

WORK ELEMENT 705.05**Travel Demand Modeling**

Agency: SRTA

Total Budget (FY 2019/20): \$ 111,239

Estimated Budget (FY 2020/21): \$ 96,239

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE FOR FY 2019/20 & 2020/21

Staff Allocations and Funding Requirements	FY 2019/20					FY 2020/21				
	Expenditures		Revenue by Fund Source (\$)			Expenditures		Revenue by Fund Source (\$)		
	Direct	Indirect	FHWA PL Cash	Toll Credits Cash	Total FHWA	Direct	Indirect	FHWA PL Cash	Toll Credits Cash	Total FHWA
Personnel	\$ 28,455	\$ 18,501	\$ 41,570	\$ 5,386	\$ 46,956	\$ 28,455	\$ 18,501	\$ 41,570	\$ 5,386	\$ 46,956
Services & Supplies	\$ 2,000		\$ 1,771	\$ 229	\$ 2,000	\$ 2,000	\$ -	\$ 1,771	\$ 229	\$ 2,000
Human Resources	\$ 683		\$ 605	\$ 78	\$ 683	\$ 683	\$ -	\$ 605	\$ 78	\$ 683
Consultant Services (DKS)	\$ 40,000		\$ 35,412	\$ 4,588	\$ 40,000	\$ 40,000	\$ -	\$ 35,412	\$ 4,588	\$ 40,000
Cube Software License	\$ 6,600		\$ 5,843	\$ 757	\$ 6,600	\$ 6,600	\$ -	\$ 5,843	\$ 757	\$ 6,600
Land Use Model Consultant (Product 4)	\$ 15,000		\$ 13,280	\$ 1,721	\$ 15,000					
TOTAL:	\$ 92,738	\$ 18,501	\$ 98,480	\$ 12,759	\$ 111,239	\$ 77,738	\$ 18,501	\$ 85,200	\$ 11,039	\$ 96,239

Previous Accomplishments

SRTA's activity-based travel demand model (ShastaSIM) was updated and a new version (ShastaSIM v1.2) was adopted on June 26, 2018. The updated model reflects new policies and strategies in SRTA's 2018 Regional Transportation Plan and Sustainable Communities Strategy (RTP/SCS). Regional partners provided input and data regarding the 2018 update of the model. The ShastaSIM Model Development Report and Model User Guide were updated. All files can be found online at: <https://www.srta.ca.gov/174/Travel-Demand-Modeling>.

Objective

Manage and maintain the region's activity-based travel demand model (ShastaSIM) consistent with state and federal law in support of regional planning and programming activities and other work elements.

Discussion

MPOs are required to develop and maintain a travel demand forecast model that meets FHWA and FTA requirements per Title 23 U.S.C. Section 134, and California requirements as specified under Chapter 3 of the 2017 Regional Transportation Plan (RTP) Guidelines for Metropolitan Planning Organizations (MPO). The 2017 Regional Transportation Plan (RTP) Guidelines also specify certain capabilities for medium-sized MPOs (Sections 3.4 and 3.5). The ShastaSIM travel demand model fulfills these requirements. ShastaSIM measures the impact of population growth and planned or anticipated land development and calculates various transportation and mobility-related performance metrics for any given planning year. ShastaSIM informs decision makers as to the location and timing of improvements needed to maintain adequate level of service. Outputs from ShastaSIM and travel model post-processing are utilized in various planning documents including, but not limited to: the RTP, RTIP, FTIP (23 USC 134), corridor studies, special projects, and air quality conformity. ShastaSIM requires specialized software and extensive input data, including household travel surveys, socio-economic demographics, and parcel-level land use characteristics. Post-processing routines are required for procedures not found in ShastaSIM, such as calculations of mobile source emissions. SRTA may contact TMIP staff to determine an appropriate time to conduct a peer review given SRTA's RTP schedule.

SRTA has applied for funding, in partnership with California's "Small 6" MPOs, to develop a land use model to integrate with ShastaSIM. Should the project received funding, SRTA will be developing a new regional land use model in preparation for the 2022 RTP/SCS.

Product 1: SRTA-led operation and maintenance of ShastaSIM activity-based travel demand model

Task/Activity	Resp. Agency	Schedule
1.1 Manage a regionally representative technical advisory committee, known as the Shasta Model Users Group (SMUG).	SRTA, Consultant	Jul 2019 - Jun 2021
1.2 Perform routine updates and refinements of ShastaSIM, including actual and scheduled network changes, traffic count data, land use assumptions, speed limit information, population growth forecast update, and other inputs as needed.		
1.3 SRTA-led operation of TDM in support of other work elements.		

Product 2: Consultant-led operation and maintenance of ShastaSIM activity-based travel demand model

Task/Activity	Resp. Agency	Schedule
2.1 Perform routine updates and refinements to TDM as directed, including actual and scheduled network changes, traffic count data, land use assumptions, speed limit information, population growth forecast update, and other inputs as needed.	Consultant	Jul 2019 - Jun 2021
2.2 Consultant-led operation of TDM in support of other work elements. Deliverable include model outputs and post-processing (e.g. emissions) outputs.		

Product 3: Education and training for operation of travel demand modeling

Task/Activity	Resp. Agency	Schedule
3.1 SRTA staff participation in national or statewide travel demand modeling technical training and practitioner workgroups.	SRTA	As needed
3.2 Consultant-administered training for SRTA staff on TDM operation, maintenance, and emissions post-processing. Includes materials and training.	SRTA, Consultant	

Product 4: Integrated Land Use Model and Development Monitoring Framework

Task/Activity	Resp. Agency	Schedule
4.1 Administration - Provide assistance in administering the grant. Review project deliverables. Review consultant invoices for accuracy and completeness. Submit support information regarding SRTA in-kind and cash match funds. Assist with consultant procurement process. Participate in project meetings, regular communication and MPO Technical Advisory Committee (TAC) meetings.	SRTA	Jul 2019 - Jun 2021
4.2 Model Development - Review applicable models, frameworks, and key data to determine appropriate model for the region. Develop model framework. Collect and prepare necessary data. Work with MPO TAC and consultant to prepare regional land use model. Participate in model calibration/validation exercises. Work with MPO TAC and consultant to integrate land use model w/ SRTA's activity-based model (ShastaSIM).	SRTA	Jul 2019 - Jun 2021
4.3 Outreach - Work with MPO TAC to conduct outreach activities with the public and regional partners. Provide updates to SRTA Board of Directors on project progress as needed. Share all documents on SRTA's website.	SRTA	Jul 2019 - Jun 2021
4.4 SRTA Board of Directors adoption of land use model.	SRTA	TBD

WORK ELEMENT 706.02										Public Transportation Planning & Coordination									
Agency: SRTA		Total Budget (FY 2018/19): \$ 190,357								Estimated Budget (FY 2020/21): \$ 185,391									
ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE FOR FY 2019/20 & 2020/21																			
Staff Allocations and Funding Requirements		FY 2019/20									FY 2020/21								
		Expenditures		Revenue by Fund Source (\$)							Expenditures		Revenue by Fund Source (\$)						
SRTA	Direct	Indirect	FTA 5303 Cash	Toll Credits Cash	FTA 5303 Total	FTA 5303 C/O	Toll Credits Cash	FTA 5303 C/O Total	LTF	Direct	Indirect	FTA 5303 Cash	Toll Credits Cash	FTA 5303 Total	FTA 5303 C/O	Toll Credits Cash	FTA 5303 C/O Total	LTF	
Personnel	\$108,646	\$70,637	\$58,865	\$ 7,627	\$66,492	\$7,637	\$ 989	\$ 8,626	\$104,165	\$108,646	\$70,637	\$ 57,315	\$7,426	\$64,741	\$33,000	\$ 4,275	\$ 37,275	\$77,267	
Services & Supplies	\$ 3,500		\$ 2,033	\$ 263	\$ 2,296	\$1,066	\$ 138	\$ 1,204		\$ 3,500	\$ -	\$ 3,099	\$ 401	\$ 3,500				\$ -	
Human Resources	\$ 2,608		\$ 1,514	\$ 196	\$ 1,711	\$ 794	\$ 103	\$ 897		\$ 2,608	\$ -	\$ 2,308	\$ 299	\$ 2,608				\$ -	
Consultant (TBD)	\$ 4,966		\$ 4,396	\$ 570	\$ 4,966														
TOTAL:	\$119,719	\$70,637	\$66,809	\$ 8,656	\$75,465	\$9,497	\$ 1,230	\$ 10,727	\$104,165	\$114,753	\$70,637	\$ 62,722	\$8,126	\$70,849	\$33,000	\$ 4,275	\$37,275	\$77,267	
Previous Accomplishments																			
Performed annual Transit Needs Assessment; managed Social Services Transportation Advisory Council (SSTAC); Provided technical assistance to Federal Transit Administration (FTA) grant applicants. Reviewed FTA grant proposals and presented to the board of directors for approval. Restructured and enhanced the Unmet Transit Needs process. Tracked Greenhouse Gas Reduction Fund transit programs.																			
Objective																			
Meet transit planning mandates required by law; ensure public transportation is community-responsive in a dynamic and changing service environment; and make progress toward RTP goals by continually improving public transportation service, efficiency, and performance.																			
Discussion																			
Under California's Transportation Development Act (TDA), SRTA is required to perform the annual unmet transit needs assessment and organize the Social Services Transportation Advisory Committee (SSTAC). The Coordinated Human Services Transportation Plan is a federally mandated plan that prioritizes transportation services for funding and implementation, with an emphasis on transportation needs of persons with disabilities, older-adults and individuals of limited means. This plan is updated every five years.																			
Product 1: Transit Coordination																			
Task/Activity										Resp. Agency					Schedule				
1.1	Communication and coordination with intercity public transportation providers and public transportation providers operating in surrounding regions needed, including participation in discussions related to 'Shasta 211' services, as needed.									SRTA					Jul 2018 - Jun 2020				
1.2	Participate in interagency meetings and workshops that support public transit planning, including: CalACT, transit board meetings, and/or similar such meetings.																		
1.3	Discuss and develop scopes of work for projects that are eligible for FTA 5307, 5311, and 5339 funding. Discuss options for obtaining more funds for the region, including discretionary FTA grants such as 5311(c), 5311(f), and 5339(c).																		
1.4	Discuss and develop scopes of work for projects that are eligible for California State of Good Repair and other state funding. Discuss options for obtaining more funds for the region.																		
Product 2: Public transportation data and analysis																			
Task/Activity										Resp. Agency					Schedule				
2.1	Collect and review transit performance data.									SRTA					Jul 2018 - June 2020				
2.2	Formulate and provide recommendations toward enhancing near-term transit performance and/or efficiencies.																		
2.3	Collect, audit, and report progress toward recommendations and performance targets for public transportation at year's end.																		
2.4	Update General Transit File Specification (GTFS) files.																		
Product 3: FTA grants technical assistance and management																			
Task/Activity										Resp. Agency					Schedule				
3.1	Administer FTA grants and work with local agencies and organizations on developing projects and applying for FTA grants, both regionally apportioned and									SRTA					Jul 2018 - Jun 2020				
Product 4: 2017 Shasta Coordinated Transportation Plan																			
Task/Activity										Resp. Agency					Schedule				
4.1	Follow-up, and implement, the strategies from the 2017 Shasta Coordinated Transportation Plan.									SRTA					Jul 2019 - Jun 2021				

WORK ELEMENT 706.06					Greenhouse Gas Reduction Fund Programs				
Agency: SRTA		Total Budget (FY 2018/19): \$ 24,908			Estimated Budget (FY 2020/21): \$ 24,908				
ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE FOR FY 2019/20 & 2020/21									
Staff Allocations and Funding Requirements		FY 2019/20				FY 2020/21			
		Expenditures		Revenue by Fund Source (\$)		Expenditures		Revenue by Fund Source (\$)	
SRTA		Direct	Indirect	LTF		Direct	Indirect	LTF	
Personnel		\$ 14,758	\$ 9,595	\$ 24,353		\$ 14,758	\$ 9,595	\$ 24,353	
Services & Supplies		\$ 200		\$ 200		\$ 200	\$ -	\$ 200	
Human Resources		\$ 354		\$ 354		\$ 354	\$ -	\$ 354	
TOTAL:		\$ 15,312	\$ 9,595	\$ 24,908	\$ -	\$ 15,312	\$ 9,595	\$ 24,908	\$ -
Previous Accomplishments									
Reviewed annual Low Carbon Transit Operations Programs (LCTOP) allocation; reported on previous allocation; developed17/18 expenditure proposal; tracked legislative actions related to LCTOP.									
Objective									
To administer the allocation of regionally apportioned funds from the LCTOP and to develop public transportation projects that meet Greenhouse Gas Reduction Fund (GGRF) programs.									
Discussion									
LCTOP is a new program funded by auction proceeds from the California Air Resource Board's Cap-and-Trade Program. LCTOP provides operating and capital assistance for transit agencies to reduce greenhouse gas emissions and improve mobility through expansion or enhancement of their systems. SRTA or RABA can serve as the project lead for projects funded with LCTOP. Under this work element, SRTA will pursue other public GGRF transportation funds as well, such as the Transit Intercity Rail Capital Program (TIRCP).									
Product 1: Administer LCTOP Funds									
Task/Activity						Resp. Agency		Schedule	
1.1		Review State Controller's Office LCTOP Eligible Allocation Summary				SRTA		Jul 2019 - June 2021	
1.2		Review statutes, rules, and regulations, and pending legislation pertinent to LCTOP funding						Jul 2019 - June 2021	
1.3		Review and process invoices for project work completion.							
1.4		Prepare semi-annual progress and final project report							
1.5		Participate in financial and performance auditing.						Jul 2019 - June 2021	

WORK ELEMENT 706.08

Sunday Transit Service Demonstration Project

Agency: SRTA

Total Budget (FY 2019/20): \$ 126,760

Estimated Budget (FY 2020/21): \$ 76,760

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE FOR FY 2019/20 & 2020/21

Staff Allocations and Funding Requirements	FY 2019/20						FY 2020/21			
	Expenditures		Revenue by Fund Source (\$)				Expenditures		Revenue by Fund Source (\$)	
	Direct	Indirect	FHWA PL C/O Cash	Toll Credits Cash	Total FHWA PL C/O	LCTOP	Direct	Indirect	LTF	
SRTA										
Personnel	\$ 45,253	\$ 29,422	\$ -	\$ -	\$ -	\$ 74,674	\$ 45,253	\$ 29,422	\$ 74,674	
Services & Supplies	\$ 1,000					\$ 1,000	\$ 1,000	\$ -	\$ 1,000	
Human Resources	\$ 1,086					\$ 1,086	\$ 1,086	\$ -	\$ 1,086	
Consultant (Product 2.2)	\$ 50,000					\$ 50,000				
TOTAL:	\$ 97,339	\$ 29,422	\$ -	\$ -	\$ -	\$ 126,760	\$ 47,339	\$ 29,422	\$ 76,760	\$ -

Previous Accomplishments

This was a new work element started in FY 2017/18. A ridership survey was conducted to better understand rider needs; existing transit services were evaluated; potential vendors were identified; recommendations on possible transit service options were presented; a preferred solution was chosen and a business plan was adopted by the SRTA Board of Directors in February 2019. SRTA and Dignity Health Connected Living (DHCL) worked together to move towards implementation of the On-Demand Sunday Transit Service demonstration project.

Objective

To explore the potential for using on-demand transit services to meet community transportation needs and provide an initial pilot service for the region.

Discussion

Sunday transit service has been a long-standing public request and is an identified need in the Redding Area Bus Authority's (RABA) short-range transit plan and SRTA's fiscal year 2016/17 Unmet Transit Needs findings. In response to this need, the SRTA Board of Directors approved exploring this concept further by developing an implementation plan for a potential Sunday transit service demonstration project. "On-demand" transit services utilize smart phone applications, GPS vehicle tracking, and advanced dispatch software to provide rider-responsive mobility when and where it's needed. SRTA has identified and acquired funding for the project. DHCL has partnered with SRTA to operate the services. This demonstration project is planned to operate for 24 months once it goes "live."

Product 1: Sunday Transit Service Demonstration Project Oversight

Task/Activity	Resp. Agency	Schedule
1.1 Project administration/management - Implement the business plan adopted by the SRTA Board of Directors.	SRTA	Feb 2018 - Jun 2021
1.2 Provide oversight and support to DHCL related to the project.		Jul 2019 - Dec 2021

Product 2: Sunday Transit Service Demonstration Project Implementation

Task/Activity	Resp. Agency	Schedule
2.1 Manage and run the day-to-day aspects of the new Sunday Transit Service.	DHCL	TBD
2.2 Provide branding and marketing materials for the Sunday Transit Service.	Consultant	Jul 2019 - Jun 2021

WORK ELEMENT 706.09	North State Intercity Bus Administration and Operations
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Agency: SRTA	Total Budget (FY 2018/19): \$ 275,413	Estimated Budget (FY 2020/21): \$ 200,413
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ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE FOR FY 2019/20 & 2020/21

Staff Allocations and Funding Requirements	FY 2019/20						FY 2020/21			
	Expenditures		Revenue by Fund Source (\$)				Expenditures		Revenue by Fund Source (\$)	
	Direct	Indirect	TIRCP	FHWA PL C/O Cash	Toll Credits Cash	Total FHWA PL C/O	Direct	Indirect	TIRCP	
SRTA										
Personnel	\$ 119,710	\$ 77,831	\$ 197,540	\$ -	\$ -	\$ -	\$ 119,710	\$ 77,831	\$ 197,540	
Services & Supplies	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Human Resources	\$ 2,873		\$ 2,873	\$ -	\$ -	\$ -	\$ 2,873	\$ -	\$ 2,873	
Consultant (CTE) (Task 1.3)	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	
Consultant (CTE) (Task 1.2)	\$ 75,000		\$ 75,000							
TOTAL:	\$ 197,583	\$ 77,831	\$ 275,413	\$ -	\$ -	\$ -	\$ 122,583	\$ 77,831	\$ 200,413	\$ -

Previous Accomplishments

In FY 2018/19, SRTA provided day-to-day administrative oversight for the North State Intercity Bus System and updated the annual business plan.

Objective

To provide day-to-day administrative oversight for the North State Intercity Bus project.

Discussion

Starting in fiscal year 2018/19, SRTA became the day-to-day administrative staff for the North State Intercity Bus System. The North State Intercity Bus provides public transit express services between Redding and Sacramento. The tasks and staff/consultant time under the North State Intercity bus budget are for activities that are operational in nature and cannot be funded by SRTA's planning funds. The purpose of this work element is to reflect SRTA staff and consultant time devoted to North State Intercity Bus operations. The FY 19/20 North State Intercity Bus System business plan include service plan and budget is a separate document from this OWP.

Product 1: Administration

Task/Activity	Resp. Agency	Schedule
1.1 Work with local transit systems in North State Intercity Bus System counties on operational issues for intercity bus service.	SRTA	July 2019 - June 2020
1.2 Develop and implement intercity transit marketing program.	SRTA	July 2019 - June 2020
1.3 Procurement for capital purchases and intercity transit operating expenses.	SRTA/Consultant	July 2019 - June 2020
1.4 Implement budget, invoicing and reporting requirements for intercity transit operations. Update budget annually.	SRTA	July 2019 - June 2020
1.5 Monitor, program, maintain, and capital purchases, as needed.	SRTA	July 2019 - June 2020
1.6 Work with state transit and rail partners on operational issues for intercity bus service.	SRTA	July 2019 - June 2020

Product 2: Operations

Task/Activity	Resp. Agency	Schedule
2.1 Supervise contractor on day-to-day administrative issues for North State Intercity Bus System.	SRTA	July 2019 - June 2020

Corridor Studies & Project Review

Estimated Budget (FY 2020/21): \$ 22,280

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE FOR FY 2019/20 & 2020/21

Staff Allocations and Funding Requirements	FY 2019/20					FY 2020/21				
	Expenditures		Revenue by Fund Source (\$)			Expenditures		Revenue by Fund Source (\$)		
	Direct	Indirect	FHWA C/O Cash	Toll Credits Cash	Total FHWA C/O	Direct	Indirect	FHWA C/O Cash	Toll Credits Cash	Total FHWA
Personnel	\$ 13,069	\$ 8,497	\$ 19,092	\$ 2,474	\$ 21,566	\$ 13,069	\$ 8,497	\$ 19,092	\$ 2,474	\$ 21,566
Services & Supplies	\$ 400		\$ 354	\$ 46	\$ 400	\$ 400	-	\$ 354	\$ 46	\$ 400
Human Resources	\$ 314		\$ 278	\$ 36	\$ 314	\$ 314	-	\$ 278	\$ 36	\$ 314
TOTAL:	\$ 13,783	\$ 8,497	\$ 19,724	\$ 2,555	\$ 22,280	\$ 13,783	\$ 8,497	\$ 19,724	\$ 2,555	\$ 22,280

Previous Accomplishments

Project development and coordination for RASL design and contract award process, project development and coordination for North Redding Six Lane, coordination and construction closeout for SR44/Stillwater I-change, present SHOPP projects to TAC and Board, coordination on severe weather event closures.

Objective

Objective
To advance priority projects in coordination with Caltrans and ensure the safety, preservation, and performance of the regional network for people and goods.

Discussion

Discussion

SRTA works with Caltrans staff in project development and construction, particularly where SRTA is a funding partner. SRTA also reviews and comments on land use and transportation projects with regard to impacts to the performance of the regional transportation network and consistency with the regional transportation plan. This element provides funds for the RTPA to conduct special studies for selected corridors, road segments, and key locations to evaluate safety concerns, prepare project alternatives, and then to prepare cost estimates and devise appropriate actions to resolve issues (23 CFR 450.318). In a typical year, SRTA reviews approximately three environmental impact reports (EIRs), two project study reports (PSRs) and one to two Caltrans transportation concept reports (TCRs). SRTA also coordinates with Caltrans on operational issues and closures related to weather, natural disaster, and collisions. During major road closures, SRTA works with Caltrans to examine alternatives and provide information to member agencies.

Product 1:	Analysis of Product Study Reports
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Product 4.1: Analysis of Product Study Reports			Resp. Agency	Schedule
Task/Activity				
1.1	Communication and coordinate with Caltrans and affected jurisdictions in the early consultation and review of project study reports and other scoping documents as they relate to funding, programming, and the 2018 RTP/SCS.		SRTA	As needed
1.2	In coordination with Caltrans, develop responses to road closures and extreme climate related events. and provide information during		SRTA	As needed

Product 2:	Review and Analysis of Local Agency Projects of Regional Significance
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Task/Activity		Resp. Agency	Schedule
2.1	Review local projects, determine impacts, and assess consistency with the regional transportation plan.	SRTA	As needed
2.2	Review development projects and make determination as to whether project is consistent with the adopted Sustainable Communities Strategy (SCS) for CEQA streamlining purposes.		

WORK ELEMENT 707.03
Alternative Fuels Vehicle

 Agency: **SRTA** **Total Budget (FY 2019/20): \$ 31,521**
Estimated Budget (FY 2020/21): \$ 31,521
ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE FOR FY 2019/20 & 2020/21

Staff Allocations and Funding Requirements	FY 2019/20					FY 2020/21				
	Expenditures		Revenue by Fund Source (\$)			Expenditures		Revenue by Fund Source (\$)		
	Direct	Indirect	FHWA C/O Cash	Toll Credits Cash	Total FHWA C/O	Direct	Indirect	FHWA C/O Cash	Toll Credits Cash	Total FHWA
Personnel	\$ 17,932	\$ 11,659	\$ 26,197	\$ 3,394	\$ 29,591	\$ 17,932	\$ 11,659	\$ 26,197	\$ 3,394	\$ 29,591
Services & Supplies	\$ 1,500		\$ 1,328	\$ 172	\$ 1,500	\$ 1,500	\$ -	\$ 1,328	\$ 172	\$ 1,500
Human Resources	\$ 430		\$ 381	\$ 49	\$ 430	\$ 430	\$ -	\$ 381	\$ 49	\$ 430
Consultant Services	\$ -		\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL:	\$ 19,863	\$ 11,659	\$ 27,906	\$ 3,616	\$ 31,521	\$ 19,863	\$ 11,659	\$ 27,906	\$ 3,616	\$ 31,521

Previous Accomplishments

Provided technical support and Shasta County data for the Upstate Region Plug-in Electric Vehicle (PEV) Readiness Plan. Invited Siskiyou County Economic Development Council to present findings and next steps regarding Upstate Region PEV Readiness Plan. Provided letters of support for grant applications. Helped coordinate the hosting of a Clean Cities Coalition symposium. Participated in statewide webinars/teleconferences related to alt fuels planning. Developed scope of work for a DC charging station project. California Energy Commission DC fast charge stations were completed and install in the cities of Redding and Anderson.

Objective

To encourage the planning of alternative fuels vehicles and development of supporting infrastructure in the region to reduce greenhouse gas (GHG) emissions, reduce alternative fuels vehicle users "range anxiety" and bridge the infrastructure gap for users of the West Coast Green Highway between Sacramento and Southern Oregon.

Discussion

Metropolitan planning for the region should minimize transportation-related fuel consumption and air pollution (23 CFR 450.300). The latest generation of plug-in electric vehicles (PEVs) are rapidly entering into the regional vehicle fleet market and help reduce air pollutants and GHG emissions. It is estimated that PEVs could make up 2% of the regional vehicle market by 2022 (or sooner). However, this is only likely to happen if the charging station infrastructure is in place to support this growth and thereby reduce "range anxiety" for PEV owners. Based on the Upstate Region PEV Readiness Plan, a total of 104 electric vehicle charging stations are needed to support a 2% PEV share of the region's vehicle fleet.

Product 1: Participation and support leading to accelerated deployment of low-carbon fueling infrastructure

Task/Activity		Resp. Agency	Schedule
1.1	Support toward the accelerated deployment of electric and hydrogen fueling infrastructure within the Shasta Region and along interregional corridors, focusing on benefits to public transportation, freight operations, and the traveling public.	SRTA	Jul 2019 - Jun 2021

WORK ELEMENT 707.04**Goods & Freight Coordination and Planning**

Agency: SRTA

Total Budget (FY 2019/20): \$ 21,113

Estimated Budget (FY 2020/21): \$ 21,113

ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE FOR FY 2019/20 & 2020/21

Staff Allocations and Funding Requirements	FY 2019/20						FY 2020/21				
	Expenditures		Revenue by Fund Source (\$)				Expenditures		Revenue by Fund Source (\$)		
	Direct	Indirect	PPM	FHWA PL C/O Cash	FHWA PL C/O Toll Credits Cash	Total FHWA PL C/O	Direct	Indirect	PPM		
SRTA											
Personnel	\$ 11,715	\$ 7,617	\$ 10,000	\$ 8,262	\$ 1,070	\$ 9,332	\$ 11,715	\$ 7,617	\$ 19,332		
Services & Supplies	\$ 1,500		\$ 1,500				\$ 1,500	\$ -	\$ 1,500		
Human Resources	\$ 281		\$ 281				\$ 281	\$ -	\$ 281		
TOTAL:	\$ 13,497	\$ 7,617	\$ 11,781	\$ 8,262	\$ 1,070	\$ 9,332	\$ 13,497	\$ 7,617	\$ 21,113	\$ -	\$ -

Previous Accomplishments

The North State Transportation for Economic Development Study was completed in late 2013. The 'Far Northern California Consolidated Goods & Freight Hub Study and Demonstration Project' was completed in December 2017, with a focus on connecting two regional agriculture clusters to a high volume buyer in the Sacramento Area via consolidated transport. A new freight element was added to the 2018 RTP/SCS, which identifies preliminary strategic freight nodes.

Objective

To develop freight projects in consultation with stakeholders that serve to remove transportation-related barriers to new and expanded industry. To utilize regional transportation planning, policy and investments to support the economic vitality of the region through enhanced market competitiveness, productivity, efficiency, and goods and freight movement. This is to be accomplished through: 1) more efficient transportation of goods in/out of the region; 2) supporting the development of low trip generating industries; and 3) increased local production and consumption of goods, including the utilization and processing of industrial inputs from within the North State.

Discussion

Goods and freight movement supports economic activity and prosperity at the local, regional, state, and national level. The movement of freight also carries with it adverse impacts to air quality, the environment, and social equity. Consultation and planning with private sector industry stakeholders have highlighted some transportation-related inefficiencies (e.g. partial loads, deadheading, lack of coordination, etc) that may be suppressing increased economic activity, however, no near-term gaps or deficiencies in the freight network have been identified for regional consideration. Longer term, SRTA will continue to evaluate the appropriateness of a North State freight hub to support consolidation of truck freight and an intermodal linkage with freight rail. SRTA will also continue to reach out to freight stakeholders as part of the RTP process and evaluate emerging needs.

Product 1: Freight Coordination and Planning

Task/Activity	Resp. Agency	Schedule
1.1 Participate in interagency meetings and workshops that support freight and goods movement planning, including: California Freight Advisory Committee, Sustainable Freight action Plan, and/or similar meetings.	SRTA	as needed
1.2 Review, participate and comment on federal or state policies, laws, programs, funding and priorities related to freight and goods movement, including the national primary freight network, and state and regional freight corridors.		

Product 2: Identification of transportation issues affecting freight mobility and economic activity

Task/Activity	Resp. Agency	Schedule
2.1 Invite regional freight stakeholders to identify and discuss transportation-related obstacles to interregional and intraregional goods movement and economic activity	SRTA	Jul 2018 - Jun 2020

WORK ELEMENT 707.08	ShastaReady Adaptation Planning
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Agency: SRTA	al Budget (FY 2019/20): \$ 410,772	Estimated Budget (FY 2020/21): \$	120,922
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ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE FOR FY 2019/20 & 2020/21

Staff Allocations and Funding Requirements	FY 2019/20						FY 2020/21			
	Expenditures					CalTans Sustainable Planning Grant	Expenditures		Revenue by Fund Source (\$)	
	Direct	Indirect	FHWA PL C/O Cash	FHWA PL C/O Toll Credits Cash	Total FHWA PL C/O		Direct	Indirect	PPM	
SRTA										
Personnel	\$ 72,228	\$ 46,960	\$ 105,517	\$ 13,671	\$ 119,188	\$ -	\$ 72,228	\$ 46,960	\$ 119,188	
Services & Supplies	\$ -						\$ -	\$ -	\$ -	
Human Resources	\$ 1,733		\$ 1,535		\$ 1,733		\$ 1,733	\$ -	\$ 1,733	
Consultant (TBD)	\$ 289,850					\$ 289,850				
TOTAL:	\$ 363,812	\$ 46,960	\$ 107,052	\$ 13,671	\$ 120,922	\$ 289,850	\$ 73,962	\$ 46,960	\$ 120,922	\$ -

Previous Accomplishments

This is a new work element.

Objective

Develop and deliver the ShastaReady Extreme Climate Event Mobility and Adaptation Plan, which will identify regional vulnerabilities to climate change and provide actionable strategies for incorporation into regional and local transportation plans, capital improvement programs, and emergency response plans.

Discussion

Following historic wildfires in and near the Shasta Region, SRTA applied for a grant through the Caltrans Adaptation Planning Grant Program. If awarded, this grant will fund the development of the ShastaReady Extreme Climate Even Mobility and Adaptation Plan. The goal of the Adaptation Planning Grant Program is to support efforts that enhance the resiliency of the transportation system to help protect against climate impacts, especially those that serve the communities most vulnerable to climate change impacts. Potential impacts extend beyond wildfires to include heat, extreme precipitation events, and secondary impacts such as congestion along detour and/or evacuation routes.

Product 1: Grant administration			
Task/Activity	Resp. Agency	Schedule	
1.1	Contract management, fiscal accounting and reporting.	SRTA	Jul 2019 - Dec 2021
Product 2: Project initiation			
Task/Activity	Resp. Agency	Schedule	
2.1	Project kick-off meeting	SRTA	7/1/2019
2.2	Procurement of consultant services		July 2019 - Sept. 2019
2.3	Project management (monthly meetings with consultants)		Jul 2019 - Dec 2021
2.4	Establish & Maintain Project TAC	SRTA & Consultant	Jul 2019 - Dec 2021
2.5	Draft initial case study		Jul 2019 - Dec 2021
Product 3: Identification and Assessment of Existing Conditions			
Task/Activity	Resp. Agency	Schedule	
3.1	Identify existing conditions	SRTA & Consultant	Jul 2019 - Dec 2021
3.2	Assess existing conditions		Jul 2019 - Dec 2021
3.3	Conduct "debriefing" interviews with first responders and governmental entities within impacted regions to identify lessons learned from recent climate events.		Jul 2019 - Dec 2021
Product 4: Stakeholder Outreach			
Task/Activity	Resp. Agency	Schedule	
4.1	Plan and conduct public workshops	SRTA & Consultant	Jul 2019 - Dec 2021
4.2	Plan and conduct online engagement		Jul 2019 - Dec 2021
4.3	Plan and conduct stakeholder meetings		Jul 2019 - Dec 2021
Product 5: Plan Development			
Task/Activity	Resp. Agency	Schedule	
5.1	Develop adaptation concepts and alternatives	SRTA & Consultant	Jul 2019 - Dec 2021
5.2	Draft adaptation plan		Jul 2019 - Dec 2021
5.3	Identify potential funding sources		Jul 2019 - Dec 2021
5.4	Finalize adaptation plan		Jul 2019 - Dec 2021
5.5	Present final plan to SRTA board and others as requested		Jul 2019 - Dec 2021

WORK ELEMENT 708.03	Transportation Development Act (TDA)
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Agency: SRTA	Total Budget (FY 2019/20): \$ 127,344	Estimated Budget (FY 2020/21): \$ 87,344
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ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE FOR FY 2019/20 & 2020/21

Staff Allocations and Funding Requirements	FY 2019/20				FY 2020/21			
	Expenditures		Revenue by Fund Source (\$)		Expenditures		Revenue by Fund Source (\$)	
	Direct	Indirect	LTF		Direct	Indirect	LTF	
SRTA								
Personnel	\$ 49,185	\$ 31,978	\$ 81,163		\$ 49,185	\$ 31,978	\$ 81,163	
Services & Supplies	\$ 400		\$ 400		\$ 400	\$ -	\$ 400	
Human Resources	\$ 1,180		\$ 1,180		\$ 1,180	\$ -	\$ 1,180	
Consultant Services (Financial Audit)	\$ 4,600		\$ 4,600		\$ 4,600	\$ -	\$ 4,600	
Consultant Services (Triennial Audit)	\$ 25,000		\$ 25,000					
Consultant Services (Public Outreach)	\$ 15,000		\$ 15,000					
TOTAL:	\$ 95,366	\$ 31,978	\$ 127,344	\$ -	\$ 55,366	\$ 31,978	\$ 87,344	\$ -

Previous Accomplishments
Administration of Transportation Development Act (TDA) and fiscal auditing of expenditures. Completed triennial audit for FY 2012/13, 2013/14, and 2014/15. Completed annual audit for FY 2014/15. Produced and distributed 2019/20 Transit Needs Assessment (Spring 2019).

Objective
To administer the allocation of funds from the Local Transportation Fund (LTF) and State Transit Assistance (STA) to member entities.

Discussion
SRTA is the designated recipient and responsible administrator of TDA funds. LTF and STA help fund transit, bicycle and pedestrian, and road projects. SRTA distributes funds to local claimants and ensures that fiscal audits and other requirements are performed in accordance to TDA law.

Product 1: TDA Administration		
Task/Activity	Resp. Agency	Schedule
1.1 Prepare LTF and STA Findings of Apportionment.	SRTA	Feb 2020, Feb 2021
1.2 Review LTF and STA claims submitted by claimants including associated technical assistance needed for adequate and proper reporting.		May-June 2020, May-June 2021
1.3 Review statutes, rules, and regulations, and pending legislation pertinent to transit and transit funding.		Ongoing
1.4 Organize and support Social Services Transportation Advisory Council (SSTAC).		Jul 2019 - Jun 2021
1.5 Prepare audits as required under the TDA.		Sept-Oct 2019, Sept-Oct 2020
1.6 Engage independent auditor.		Jun 2020, Jun 2021
1.7 Prepare claims for Board of Directors approval.		Jun 2020, Jun 2021
1.8 Claim scheduling and payment.		Monthly
1.9 Perform TDA fund accounting.		
Product 2: Annual Transit Needs Assessment		
Task/Activity	Resp. Agency	Schedule
2.1 Review prior year Transit Needs Assessment; solicit public input (comments, surveys, interviews, etc.), collect transit data and reports, perform farebox analysis, and CTSA performance analysis; prepare data for inclusion in draft document, update tables, and information.	SRTA	Oct 2019 - Jan 2020/ Oct 2020 - Jan 2021
2.2 Receive, review, and summarize data from transit providers for the Transit Needs Assessment, including but not limited to: ridership information; service hours and route information; productivity improvements; and public/rider feedback received. Conduct transit scenario planning utilizing data collected and public input. Evaluate potential performance of scenarios. Identify any scenarios that may be reasonable.		
2.3 Provide draft document to transit operators, CTSA, and SSTAC for review; revise and prepare final draft for public comment and adoption.		Jan 2020 / Jan 2021
2.4 Prepare staff report and presentation for SRTA Board of Directors/public hearing.		Feb 2020 / Feb 2021
2.5 SSTAC to consider at their regularly-scheduled March meeting to provide SSTAC recommendation on unmet needs.		Mar 2020 / Mar 2021
2.6 Present staff and SSTAC unmet transit needs recommendations, including resolution, to SRTA Board of Directors for approval.		Apr 2020 / Apr 2021
2.7 Submit final document to Caltrans for acceptance.		Apr 2020 / Apr 2021
Product 3: Transit Public Outreach and Awareness		
Task/Activity	Resp. Agency	Schedule
3.1 Conduct outreach activities that build public awareness to available transit services in the region.	SRTA	Jul 2019 - Jun 2021

WORK ELEMENT 708.04	Transit and CTSA Agency Administration
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Agency: SRTA/RABA	Total Budget (FY 2019/20): \$ 602,524	Estimated Budget (FY 2020/21): \$ 602,524
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ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE FOR FY 2019/20 & 2020/21

Staff Allocations and Funding Requirements	FY 2019/20				FY 2020/21			
	Expenditures		Revenue by Fund Source (\$)		Expenditures		Revenue by Fund Source (\$)	
	Direct	Indirect	LTF	TDA	Direct	Indirect	LTF	TDA
SRTA								
Personnel	\$ 22,951	\$ 14,922	\$ 37,873	\$ -	\$ 22,951	\$ 14,922	\$ 37,873	\$ -
Services & Supplies	\$ 100		\$ 100	\$ -	\$ 100	\$ -	\$ 100	\$ -
Human Resources	\$ 551		\$ 551	\$ -	\$ 551	\$ -	\$ 551	\$ -
					\$ -	\$ -	\$ -	\$ -
Shasta County TDA Adm.	\$ 24,000			\$ 24,000	\$ 24,000	\$ -	\$ -	\$ 24,000
City of Redding RABA Administration	\$ 540,000			\$ 540,000	\$ 540,000	\$ -	\$ -	\$ 540,000
TOTAL:	\$ 587,602	\$ 14,922	\$ 38,524	\$ 564,000	\$ 587,602	\$ 14,922	\$ 38,524	\$ 564,000

Previous Accomplishments

This work element was added in FY 2015/16.

Objective

To support the cost-effective delivery of high quality public transportation services.

Discussion

SRTA is the designated recipient and responsible administrator of Transportation Development Act (TDA) funds. SRTA provides general oversight to ensure the most effective, efficient, and transparent use of TDA funds. SRTA presently enlists the city of Redding to perform Redding Area Bus Authority administration. The county of Shasta contracts with RABA to provide Burney Express service.

SRTA administers Consolidated Transportation Services Agency (CTSA) transportation, while Dignity Health Connected Living (DHCL - formerly Shasta Senior Nutrition Program) provides CTSA transportation services. SRTA issued a new CTSA service operation contract July 2017 to DHCL for up to five years, with an option to extend up to two years. SRTA is responsible for updating CTSA policies and procedures.

Product 1: RABA Administration

Task/Activity	Resp. Agency	Schedule
1.1 RABA administration, management and operations.	Redding/ Shasta County	Jul 2019 - Jun 2021

Product 2: CTSA Administration

Task/Activity	Resp. Agency	Schedule
2.1 SRTA administration and oversight of specialized transit services.	SRTA	Jul 2019 - Jun 2021

North State Super Region (NSSR)

Estimated Budget (FY 2020/21): \$	2,151
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ESTIMATED EXPENDITURE AND ANTICIPATED REVENUE FOR FY 2018/19 & 2019/20

Staff Allocations and Funding Requirements	FY 2019/20				FY 2020/21			
	Expenditures		Revenue by Fund Source (\$)		Expenditures		Revenue by Fund Source (\$)	
SRTA	Direct	Indirect	NSSR		Direct	Indirect	NSSR	
Personnel	\$ 986	\$ 641	\$ 1,627		\$ 986	\$ 641	\$ 1,627	
Services & Supplies	\$ 500		\$ 500		\$ 500	\$ -	\$ 500	
Human Resources	\$ 24		\$ 24		\$ 24	\$ -	\$ 24	
TOTAL:	\$ 1,510	\$ 641	\$ 2,151	\$ -	\$ 1,510	\$ 641	\$ 2,151	\$ -

Previous Accomplishments

NSSR meetings held; NSSR intranet website maintained; Commented on legislative and other issues of potential impact to the North State. Provided letters of support for regional projects. Invoiced contributing agencies of the NSSR.

Objective

To bolster the agency's influence on state and federal legislation, policy, and programs and other general activities potentially affecting the North State.

Discussion

The NSSR is a voluntary coalition of regional transportation planning agencies (RTPAs) and metropolitan planning organizations (MPOs) representing the sixteen-county North State region. The NSSR was organized to advocate for policies and funding that would benefit the North State; encourage interagency coordination; and spread best practices through communication and information exchange.

Product 1:	North State Super Region
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Task/Activity	Resp. Agency	Schedule
1.1	SRTA	2 per year
1.2		Jul 2018 - Jun 2020