

FIRST AMENDMENT TO
2017-18 SUB-RECIPIENT COOPERATIVE AGREEMENT (C-6028)
between
SHASTA REGIONAL TRANSPORTATION AGENCY
and
CITY OF REDDING

The Sub-Recipient Cooperative Agreement C-6028 ("Agreement") dated June 29, 2017, between the City of Redding, California, ("Sub-recipient"), and Shasta Regional Transportation Agency, ("SRTA") is hereby amended as follows:

The **Appendix A** attached to this First Amendment shall replace in its entirety the **Appendix A** to the Agreement dated June 29, 2017.

The **Appendix B** attached to this First Amendment shall replace in its entirety the **Appendix B** to the Agreement dated June 29, 2017.

All other terms and conditions of the Agreement dated June 29, 2017, shall remain in full force and effect.

The date of this Amendment shall be the date that it is signed by the Sub-recipient.

IN WITNESS WHEREOF, the parties hereto have executed this Amendment on the days and year set forth below:

Shasta Regional Transportation Agency:

Sub-recipient: City of Redding



Daniel S. Little, AICP, Executive Director

Date: 10-30-17



Brian F. Crane, Public Works Director

Date: 10/30/2017



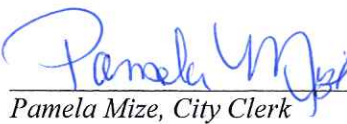
John Kenny, SRTA Legal Counsel

Date: 10/30/17



Sub-recipient Legal Counsel

Date: 10-25-17



Pamela Mize, City Clerk

Date: _____

Approved 6-20-17

C-6028

Appendix A

2017-18 SRTA-City of Redding Scope of Work (Amendment 1 – October 2017)

Work Element 901.01 – Hilltop Drive Corridor Signal Optimization Study

Project Description:

I-5 and SR 44 through central Redding serve a high percentage of local trips, creating congestion on the state highway system for through trips, freight movement, and other interregional needs. Enhancements to the adjacent parallel Hilltop Drive corridor is needed to reduce delay for local trips and free up capacity on the highest volume portion of I-5 and SR 44. The project is needed to establish a safe and efficient traffic operation system with a series of unconnected signalized intersections.

This project will reduce travel times, reduce the need to stop, reduce wait times at intersections, establish effective coordination and grouping of both City and Caltrans signals and ultimately reduce vehicle emissions and fuel use. This project will connect to the previously completed Cypress corridor project that studied and recommended intersection timing improvements along the corridor, including on/off-ramp intersections at Interstate-5. The study will include before and after comparisons including GHG emission reductions.

The study aligns with SRTA's 2015 RTP Goal 1 Objective 1.2 to increase throughput, Goal 2 Objective 2.2 to maintain traffic capacity and Goal 3 Objective 3.1 to provide context appropriate local transportation choices. The study helps meet metropolitan planning needs of assessing the operational continuity of the regional transportation system, determine ways to reduce vehicle travel and provide enhanced travel services for all users. This project also aligns with the region's SCS to use technology based solutions to enhance traffic operations.

Tasks & Deliverables:

Product 1: Project Management and Procurement			
Task/Activity	Resp. Agency	Schedule	
1.1 Prepare scope of work and procure consultant(s). Coordinate procurement with SRTA.	City of Redding/ SRTA	Jul 2016 – Mar 2017	
1.2 Execute and manage consultant contracts			
1.3 Provide quarterly updates to SRTA, including requests for reimbursement.	City of Redding	Apr 2017	
1.4 Project Kickoff and Meeting			
1.5 Project communication and progress reporting			on-going

Product 2: Data Collection and Modeling			
Task/Activity		Resp. Agency	Schedule
2.1	Existing traffic data collection (travel time, GHG, volumes, wait times, speed, etc.). Consultant will also determine correct walk interval and minimum green times for bicycles and pedestrians. No overall safety evaluation will be made.	Consultant	Apr 2017 – May 2017
2.2	Existing traffic baseline modeling and calibration. This task will summarize existing conditions in terms of LOS, GHG production, delay, and pedestrian/bike intervals.		Apr 2017 – Jun 2017
Product 3: Project Report and Signal Timing Plan			
Task/Activity		Resp. Agency	Schedule
3.1	Signal timing plan optimization. The consultant will develop signal timing plans and phasing diagrams that will maximize throughput along the corridor while minimizing delay time and GHG emissions.	Consultant	Jun 2017 – Sep 2017
3.2	Final report including before and after measures of effectiveness		Oct 2017

Work Element: 901.02 – Victor Avenue Corridor Phasing Plan

Project Description:

Victor Avenue, between Hartnell Avenue and Old Alturas Road, is a 1.5 mile partially developed corridor with sidewalk and bike lane gaps and varied right of way widths. Victor Avenue is a key north-south corridor that connects residents and travelers to Interstate-5 to the south and State Route 44 to the north. The west side is largely developed with older homes fronting the roadway with multiple access points and no pedestrian/bike facilities. The east side is partially developed/widened with incongruent right of way drainage problems. The roadway crown is off-center and the pavement is failing in most cases.

The corridor needs to be studied to develop a proposed phasing plan for improvements that meets the needs of all transportation modes in the short and long term. In addition to addressing localized needs, planning for this corridor is an ideal opportunity for a demonstration/reference project for inclusion in the GoShasta Regional Active Transportation Plan. Design standards for this project may then be used as the template for the development of select future intra-regional active transportation emphasis corridors. Project needs include determining right of way and roadway sections, and defining the location of bike, pedestrian and transit facilities. It will provide a phased approach for conditioning development and preparing capital projects for grant submission and construction, including programming of projects in the region's transportation improvement programs. The project meets the Regions RTP Goal #1 to plan and

utilize a significant arterial in the City, Goals #2 and #3 to increase capacity for all modes and transportation options both in the short and long terms, Goal #4 Objective 4.2 to enhance safety and well-being and Goal #6 to provide public access to planning. It also aligns well with the SCS to expand our bike/pedestrian infrastructure in order to encourage less vehicular travel.

Tasks & Deliverables:

Product 1: Project Management			
Task/Activity		Resp. Agency	Schedule
1.1	Prepare scope of work and procure consultant(s). Coordinate procurement with SRTA.	City of Redding/ SRTA	Jul 2016 – Apr 2017
1.2	Execute and manage consultant contracts	City of Redding	Apr 2017
1.3	Provide quarterly updates to SRTA, including requests for reimbursement.		
1.4	Project Kickoff		
1.5	Project communication and progress reporting		on-going
Product 2: Data Collection and Modeling			
Task/Activity		Resp. Agency	Schedule
2.1	Existing traffic data collection and right of way identification. This task will analyze collision rates, LOS, typical sections, gaps and other modal data.	Consultant	Apr 2017 – Jun 2017
2.2	Future conditions forecasting and project alternatives. This task will look at estimates of future use of all modes and develop designs for ultimate use of the roadway.		Jun 2017 – Aug 2017
2.3	Evaluate adjacent destinations and consider near- and long-term connections, including but not limited to Alta Mesa Elementary School, Enterprise High School Clover Creek Preserve. Also consider city plans and opportunities as it relates to trails in the Churn Creek natural corridor.	City of Redding/ Consultant	Jun 2017 – Aug 2017
Product 3: Project Report			
Task/Activity		Resp. Agency	Schedule
3.1	Prepare draft Roadway and Phasing Plan. Provide draft plan to SRTA for review and comment. Will likely hold one or two public meetings to gain stakeholder input as well as receive input from the City's Active Transportation Committee.	Consultant	Sep 2017
3.2	Final Roadway and Phasing Plan. Staff may present the results to the City Council or the SRTA Board of Directors.		Oct 2017

Rural Bikeway & Walkway Transit Projects (Not included within the FY 2017-2019 OWP)

Project 1 Description:

Phase I, South Redding Pedestrian and Bicycle Improvements

Tasks & Deliverables:

- 1) Construct Class I Bicycle Path along SR 273 connecting the Girvan Road Intersection in south Redding with Canyon Road and the Win-River Resort & Casino. Expected timeframe: complete within this year.

Work Element: 702.04 – Sustainable Development Incentive Program (Per Amendment 1 – October 10, 2017)

Project Description:

Technical assistance in support of the city of Redding's role in an Affordable Housing and Sustainable Communities (AHSC) Program grant application, to be completed with a private developer partner and SRTA. The following tasks and deliverables support development of the 'Sustainable Transportation Infrastructure' component of the AHSC grant application, and other related tasks. Funds are for consultant expenses only. The objective is to implement Regional Transportation Plan and achieve greenhouse gas emission reduction targets through coordinated transportation investment and land use development.

Tasks & Deliverables:

Product 1: Project Management		
Task/Activity	Resp. Agency	Schedule
1.1	City of Redding	Oct 2017 – Mar 2018
1.2		
1.3	City of Redding	Nov 2017
1.4		
1.5		

Product 2: Parking Gap Study and Structure Financing Plan			
Task/Activity		Resp. Agency	Schedule
2.1	Based on assumptions in the Regional Transportation Plan for future build out in Downtown Redding, quantify lost parking capacity, future parking demand, and the gap between the two.	Consultant/City of Redding	Nov 2017 – Mar 2018
2.2	Conduct parking gap study. Develop a structure financing plan with an identified community-preferred solution with sufficient design and cost details to form the basis of a financing plan, including specific revenue mechanisms.		Nov 2017 – Mar 2018
Product 3: Other Technical Work Tasks with SRTA Approval			
Task/Activity		Resp. Agency	Schedule
3.1	Upon written approval from the SRTA Executive Director, other technical work tasks in support of city participation in an AHSC Program grant application.	City of Redding/Consultant	Nov 2017- Mar 2018


 Daniel S. Little, Executive Director, AICP
 Shasta Regional Transportation Agency

10-30-17

Date


 Bryan Crane, Public Works Director
 City of Redding

Date

10/30/2017

Appendix B - Budget
Shasta Regional Transportation Agency
Fiscal Year 2017-18 Sub-Recipient Budget for Pass-Through Funds
Sub-Recipient: City of Redding
Amendment 1 - October 10, 2017

Work Element	Project Name	SRTA Project Manager	City of Redding Project Manager	PPM	FHWA PL	Non-Motorized	Prop 84	RSTP Exchange	Non-Federal Match [^]	Total
901.01	Hilltop Drive Corridor Signal Optimization Study	Sean Tiedgen	Chuck Aukland		\$ 15,000				\$ 3,750	\$ 18,750
901.02	Victor Avenue Corridor Phasing Plan	Dan Wayne	Chuck Aukland		\$ 40,000				\$ 8,572	\$ 48,572
	Phase I, South Redding Pedestrian and Bicycle Improvements	Dan Wayne	Chuck Aukland			\$ 308,482			\$ 322,632	\$ 631,114
702.04	Sustainable Development Incentive Program	Dan Wayne	Chuck Aukland		\$ 75,000				\$	\$ 75,000
	TOTAL			\$ -	\$ 130,000	\$ 308,482	\$ -	\$ -	\$ 334,954	\$ 773,436
	TOTAL AVAILABLE TO SUB-RECIPIENT			\$ -	\$ 130,000	\$ 308,482	\$ -	\$ -	\$ -	\$ 438,482

[^] WE 901.01 match is cash (\$1,875) and in-kind (\$1,875); WE 901.02 match is cash (\$5,714) and in-kind (\$2,858).

Accepted:

 10-30-17
Date

Daniel S. Little, Executive Director, AICP
Shasta Regional Transportation Agency

 10/30/2017
Date

Brian Crane, Public Works Director
City of Redding