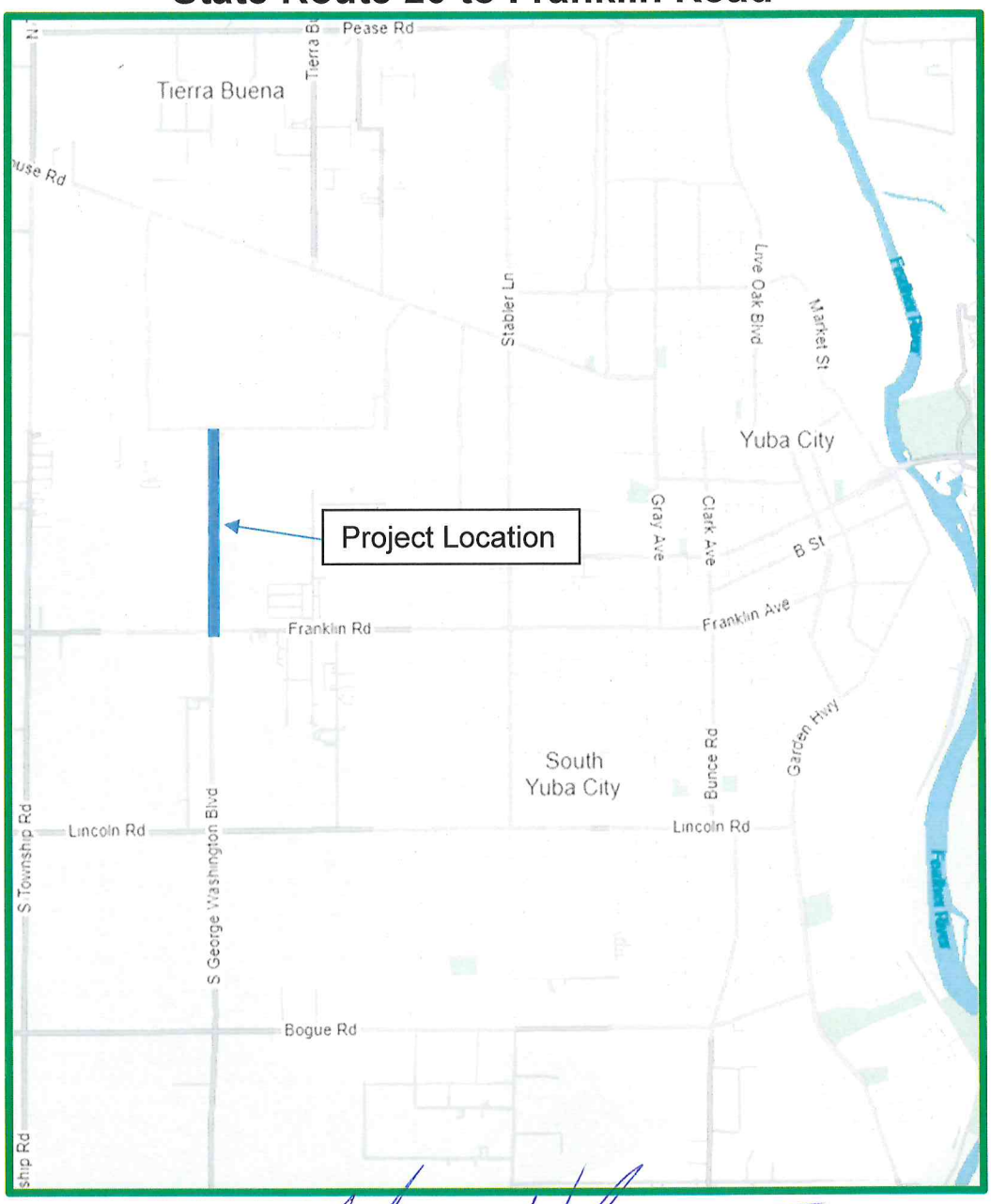
Project Study Report
City of Yuba City
George Washington Pavement Rehabilitation
State Route 20 to Franklin Road



APPROVAL RECOMMENDED:

Josh Wolffe, Senior Civil Engineer

APPROVED:

Kevin Bradford, Deputy Public Works Director: Engineering

6/6/25
Date

This Project Study Report has been prepared under the direction of the following registered civil engineer. The registered civil engineer attests to the technical information contained herein and the engineering data upon which recommendations, conclusions, and decisions are based.

Josh Wolffe
RCE 92911, Exp. 12/31/2025

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1. INTRODUCTION

Project Description:

In Yuba City, on N. George Washington Blvd., from Franklin Rd. to State Route 20. Roadway rehabilitation including 6" depth pavement repairs and 0.20' overlay. Project will also include roadway widening, striping/signage improvements to increase safety, and create buffered bike lanes along the entire project length.

Project Limits	George Washington Boulevard – Between Franklin Road and State Route 20
Current Capital Outlay Construction Cost Range	$1,813,389
Current Capital Outlay Right-of-Way Cost Range	N/A
Funding Source	SACOG 2025 STIP Funding Round, Local Agency
Type of Facility	Minor Arterial
Number of Structures	0
Anticipated Environmental Determination or Document	Categorical Exemption/Categorical Exclusion

2. PURPOSE AND NEED

State of Good Repair:

This roadway is in dire need of rehabilitation as it's current PCI ratings range from 0 to 20 on various sections of this project's length. This roadway is a main north-south arterial, which often serves as an alternative route to State Route 99. for City and County residents.

The roadway is also a primary truck route in the City and County, with the northern section of this roadway also being classified as a STAA route. Improvement on this roadway will help ensure that transportation of goods can continue.

Improvement Safety and Accessibility:

The rehabilitation of this roadway will improve the City and County's transportation system. Repair of this roadway will result in more frequent use from residents, and will reduce the number of vehicle damage claims received, due to repair of failed roadway. Further, this project will add and update Class II bike lane striping from SR-20 to Franklin Road. This will be beneficial, as Franklin Road is one of the City's most contiguous west-to-east Class II bikeways.

Improved Goods and People Movement:

The repair of this roadway will ensure that flow of goods and freight transportation can continue without damage to freight vehicles. As a City Truck Route and STAA route, it is imperative that this roadway is in good condition.

3. DEFICIENCIES

This roadway is in dire need of rehabilitation as it's current PCI ratings range from 0 to 20 on various sections of this project's length. This roadway is a main north-south arterial, which often serves as an alternative route to State Route 99. for City and County residents.

4. RIGHT-OF-WAY

All work will occur within existing City road right-of-way. Utility adjustments consist of lowering existing access lids prior to pavement rehabilitation and then raising these lids to finished grade after pavement rehabilitation is complete. Utility adjustments will be performed by the City.

5. STAKEHOLDER INVOLVEMENT

Project Priority Determination:

The City of Yuba City and County of Sutter met to discuss projects which would be of mutual benefit to our citizens. This project was identified by both parties because of its daily use by both agencies' residents, and goods transportation companies. Both agencies agreed that the rehabilitation of this road was imperative.

Public Participation and Planning:

The City has regularly received input from community members regarding the poor pavement condition and their desire for the rehabilitation of the subject section of George Washington Boulevard. Between January of 2017, and June of 2025, the City received 47 separate requests, through its 311 app to repair the subject section of roadway. (See exhibit attached to appendix).

6. ENVIRONMENTAL COMPLIANCE

The project is expected to result in a Categorical Exemption through a CEQA analysis or a Categorical Exclusion through a NEPA analysis.

7. PROJECT SCOPE

The final project will include:

- Pavement rehabilitation and reclamation
- Safety improvements
  - Updating signage
- Bicycle/pedestrian improvements
  - Adding buffered bicycle lanes to delineate from vehicle lanes
  - Painting transition areas

8. RISKS

Risks associated with this specific project and proposed mitigation include:

- Weather (rain delays): project schedule will have rain days built in;
- Higher costs than originally anticipated: value engineering is a part of the final design process and will reduce budget risk;
- Bid protests: mitigation will include using procurement best practices and assigning qualified staff to the project during the bidding process; and
- Contractor default/bankruptcy: mitigation will be selecting contractors with extensive experience and track record, bonding, etc.

9. EXTERNAL AGENCY COORDINATION

Coordination with the Sacramento Area Council of Governments and California Department of Transportation will be required for programming and project administration purposes.

With the project being near jurisdictional boundaries, the City and County will be actively coordinating on this project.

10. PROJECT PERSONNEL

Project Manager: Kevin Bradford, Deputy Public Works Director – Engineering
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Project Engineer: Joshua Wolffe, Associate Civil Engineer
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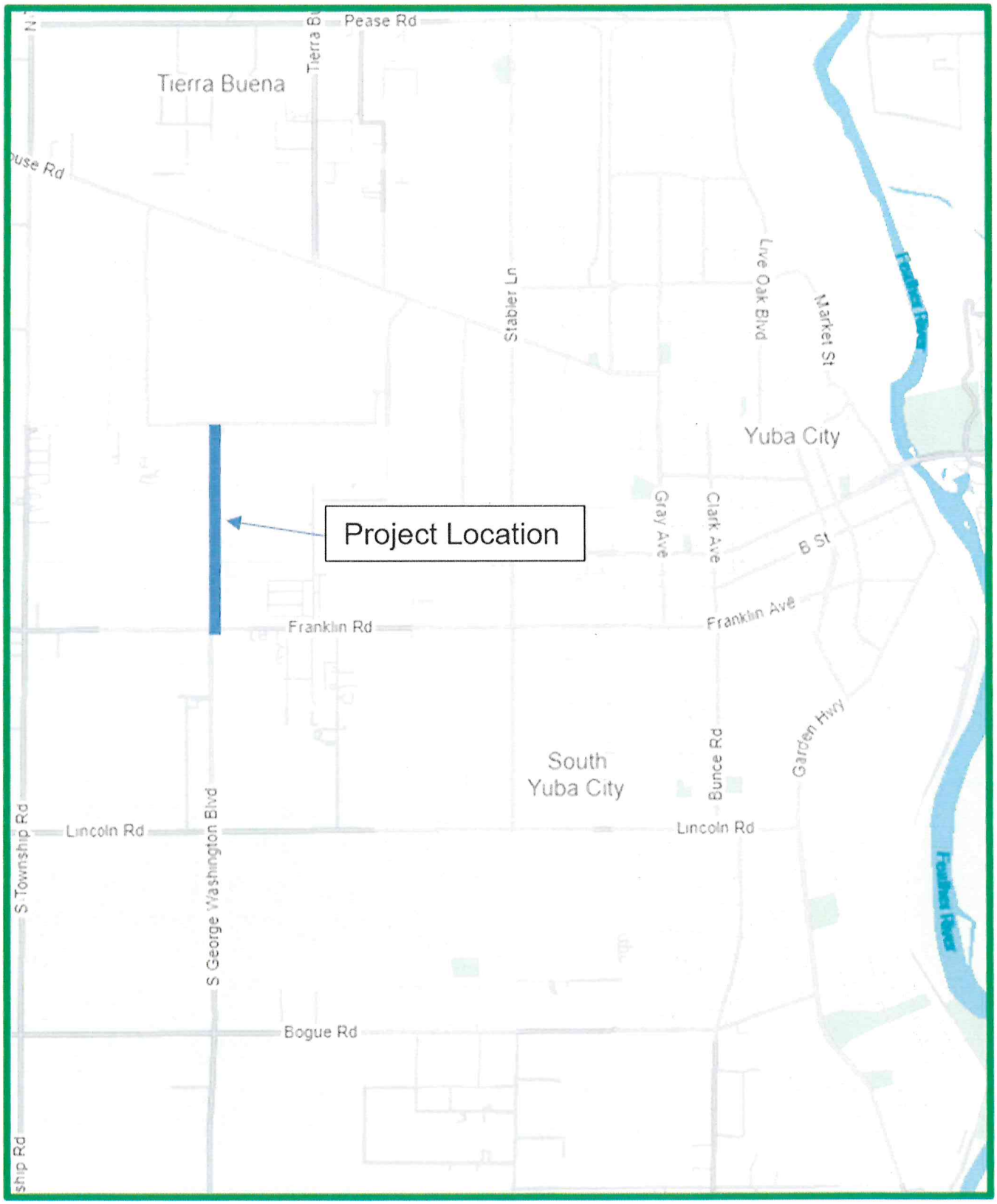
ATTACHMENTS (Number of Pages)

A. Project Location Map (1)
B. Funding (1)
C. Delivery Schedule (1)

ATTACHMENT A – PROJECT LOCATION MAP



ATTACHMENT B - FUNDING

SACOG Four-County State Funding Program - Engineer's Estimate (application element #3)

Fill out cells in blue

PROJECT NAME: George Washington Pavement Rehabilitation
SPONSOR:

Item No.	Item Description	Unit	Qty	Unit price	Amount ($)	Participating costs	Non-part. costs
1	Mobilization/Demobilization	LS	1	$133,000.00	$133,000	$133,000	$0
2	Prepare and Implement SWPPP	LS	1	$50,000.00	$50,000	$50,000	$0
3	Construction Area Signs	LS	1	$50,000.00	$50,000	$50,000	$0
4	Pavement Repairs (6" Depth Digouts)	SF	36,350	$15.25	$554,338	$554,338	$0
5	Hot Mix Asphalt	TON	1,760	$160.00	$281,600	$281,600	$0
6	Pavement Delineation and Signage	LS	1	$100,000.00	$100,000	$100,000	$0
7	Utility Lid Adjustment	LS	1	$60,000.00	$60,000	$60,000	$0
8	Conform Grind and Edge Grind AC	LS	1	$75,000.00	$75,000	$75,000	$0
9	Class II AB Shoulder Backing	LS	1	$75,000.00	$75,000	$75,000	$0
					$0		$0
					$0		$0
					$0		$0
					$0		$0
					$0		$0
					$0		$0
					$0		$0
					$0		$0
					$0		$0
					$0		$0
					$0		$0
					$0		$0
					$0		$0
					$0		$0
	SUBTOTAL				$1,378,938	$1,378,938	$0

		Total	*Participating*	*Non-part*
Construction Contingency	20%	$275,788	$275,788	$0
Preliminary Engineering		$104,000	$104,000	$0
Construction Management/Contract Administration		$55,000	$55,000	$0
Total construction costs		*$1,813,725*	*$1,813,725*	*$0*

Please indicate current status of project: PSR

(e.g., Feasibility Study, PSR, Environmental, 30% Design, 60% Design, 90% Design, 100% Design)

ATTACHMENT C – DELIVERY SCHEDULE

SACOG Funding Program - Project Programming Request (PPR)

Derived from the State of California Department of Transportation PPR

Project Title:	George Washington Pavement Rehabilitation
Location (Project Limits), Description (Scope of Work)	In Yuba City, on N. George Washington Boulevard, from 1,265ft north of Franklin Road to State Route 20. Roadway rehabilitation including 6" depth pavement repairs, 0.20' overlay, and striping/signage improvements for bicycle lane creation.

District	County	Lead Project Sponsor	SACOG ID	Project Partner
03	Sutter County	City of Yuba City		

Total Project Cost ($1,000s)

Component	Prior	22-23	23-24	24-25	25-26	26-27	27-28+	Total
E&P (PA&ED)						20		20
PS&E						64		64
R/W SUP (CT)								
CON SUP (CT)								
R/W						20		20
CON							1,709	1,709
TOTAL						104	1,709	1,813

Fund No. 1: 2025 STIP Funding Round

Requested Funding ($1,000s)

Component	Prior	22-23	23-24	24-25	25-26	26-27	27-28+	Total
E&P (PA&ED)								
PS&E								
R/W SUP (CT)								
CON SUP (CT)								
R/W								
CON							1,605	1,605
TOTAL							1,605	1,605

Fund No. 2: Local Funds

Other Funding ($1,000s) — *note funding status here*

Component	Prior	22-23	23-24	24-25	25-26	26-27	27-28+	Total
E&P (PA&ED)						20		20
PS&E						64		64
R/W SUP (CT)								
CON SUP (CT)								
R/W						20		20
CON							104	104
TOTAL						104	104	208