

City of Chico Project Scoping Document

PROJECT TITLE: Eaton Road/State Route 99 Southbound Roundabout

PROJECT NUMBER: 50488

PROJECT LOCATION: State Route 99 Southbound On-Off Ramps and Eaton Road Interchange

APPROVAL RECOMMENDED:



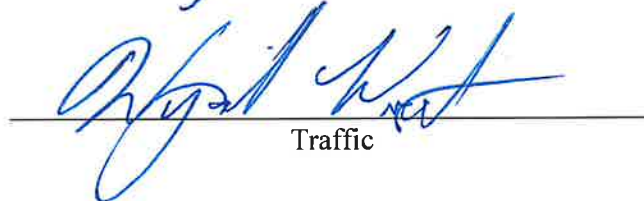
Project Manager

APPROVAL RECOMMENDED:



Environmental

APPROVAL RECOMMENDED:



Traffic

APPROVAL RECOMMENDED:



Operations & Maintenance

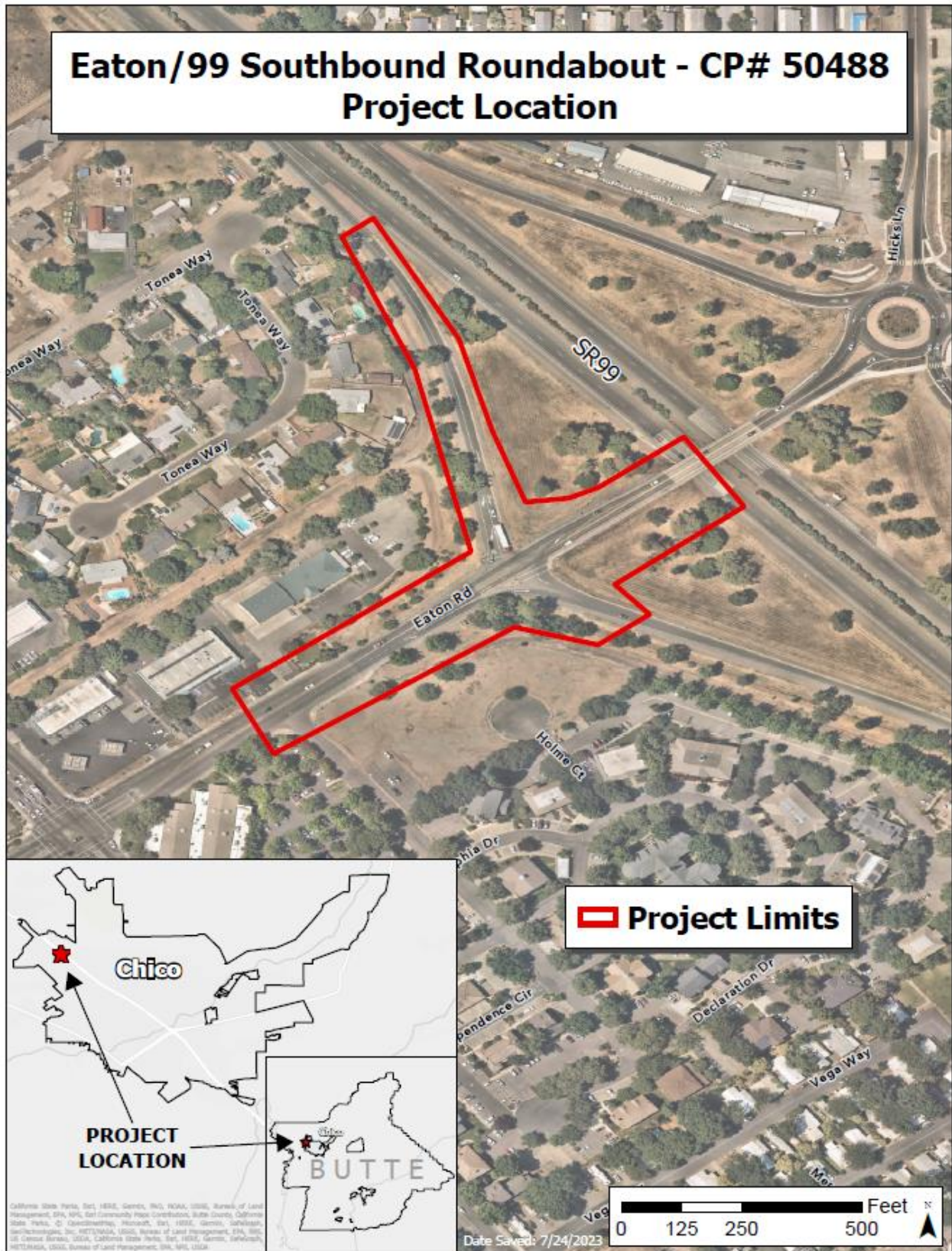
APPROVED:



Deputy Director

18 Aug 2023
Date

Vicinity Map



1. INTRODUCTION/PROJECT DESCRIPTION

The proposed State Route 99 (SR99) Southbound / Eaton Road Roundabout Project would convert the existing intersection of the SR 99 southbound off- and on-ramps at Eaton Road into one 4-leg, multi-lane roundabout. A 10-foot shared-use path would be installed along the north and south sides of the roundabout, and cross on the eastbound (Eaton Road) leg of the roundabout entrance with a possible future northbound connection along the SUDAD. A landscape buffer will separate the shared-use path from the travel lanes with additional landscaping or public art (or both) incorporated into the center of the roundabout.

Project Limits	Intersection of Eaton Road and SR 99 SB Ramps
Number of Alternatives	2
Project Approval & Environmental Document Estimate	\$626,000
Plans, Specifications, and Estimate	\$1,035,000
Right-of-Way Capital Estimate	\$104,000
Right-of-Way Support Estimate	\$104,000
Construction Capital Estimate	\$6,226,000
Construction Support Estimate	\$1,074,000
Total Project Cost Estimate	\$9,169,000
Funding Source (anticipated)	212 – Transportation 308 – Street Facility Improvement 307 – Gas Tax 300 – Caltrans SHOPP, State Transportation Improvement Program
RTP Inclusion	
RTP Project Description	
RTIP/FTIP Inclusion	No
Type of Facility	Arterial
Anticipated Environmental Determination or Document	CEQA – Mitigated Negative Declaration NEPA – Categorical Exclusion (CE)
Project Origination	Supports SR 99 NB Roundabout

2. BACKGROUND

The proposed project would address safety concerns at the intersection of the State Route (SR) 99 southbound on-off ramps and Eaton Road. Recently, a similar project was constructed across the overpass at the intersection of the SR 99 northbound on-off ramps, Eaton Road, and Hicks Lane. The construction of a roundabout at the southbound on-off ramps will provide additional safety and enhance mobility for users along the SR 99 corridor and Eaton Road.

3. PURPOSE AND NEED

The purpose of the project is to improve circulation in the study area by reducing vehicle delay, lowering air quality emissions, minimize collision frequency and severity, and remove barriers to active transportation. As detailed in the Eaton and SR 99 Southbound Ramps Intersection Control Evaluation prepared by the City’s consulting engineering firm GHD on September 22, 2022, the intersection of Eaton Road and the SR 99 SB ramps operates as a side-street stop controlled intersection with the southbound off ramp being the stop controlled movement. Currently the intersection operates at an unacceptable level of service (LOS) and, based on future traffic volumes, is only projected to worsen in the future. Further, of the four collisions were reported in the project area according to data from the Statewide Integrated Traffic Records System (SWITRS) from 2016 through 2020, the primary driver behaviors at fault in the accidents included improper turning, unsafe speed, and failure to yield to a driver with the right-of-way. Improvements to the intersection will regulate driver speeds and reduce potential conflicts at the intersection.

4. RISKS

Insufficient State Transportation Improvement Program funding for the construction phase could impact the successful completion of the project. In addition, the lack of Caltrans support for a roundabout alternative at the location could impact the design of site improvements.

5. EXTERNAL AGENCY COORDINATION

- CA Regional Water Quality Control Board - General Construction Permit
- Butte County
- Caltrans
- Butte County Association of Governments (BCAG)

6. INTERNAL AGENCY COORDINATION

Landscape maintenance to be provided by Public Works – Operations and Maintenance.

7. RIGHT-OF-WAY

The following elements are anticipated right-of-way tasks for the project:

- Temporary Construction Easements on adjoining properties
- Minor Acquisitions
- Utilities Coordination

8. STAKEHOLDER INVOLVEMENT

Public outreach for the development of the project is expected to include:

- Informational mailers to the local residents and businesses near the project area;
- A 30-day public review/comment period of the CEQA document (Initial Study/Proposed Mitigated Negative Declaration) where input from the community and interested agencies will be requested, submitted, and considered.
- A preconstruction news release to the community, including traditional media sources (local newspaper, television, radio) and social media sites.

9. ENVIRONMENTAL COMPLIANCE

California Environmental Quality Act (CEQA) – A Mitigated Negative Declaration (MND) is expected to be prepared during the environmental review process and Notice of Determination (NOD) will be filed with the Butte County Clerk Recorder’s Office and the State Clearinghouse after its approval. Filing of a NOD for the project will complete the CEQA review for this project.

National Environmental Policy Act (NEPA) – It is anticipated that programming of STIP funding into the project will trigger NEPA compliance. In the event the project is federalized, Caltrans will be the federal lead agency responsible for overseeing NEPA approvals, as delegated by the Federal Highway Administration. A Categorical Exclusion is the anticipated level of review.

10. FUNDING ESTIMATE

PHASE	FUNDING (in thousands)						
	21/22	22/23	23/24	24/25	25/26	Future	TOTAL
PA&ED	\$600						\$600
PS&E		\$1,000					\$1,000
R/W		\$100					\$100
CON			\$600	\$6,869			\$7,469
TOTAL	\$600	\$1,100	\$600	\$6,869		\$0	\$9,169

11. DELIVERY SCHEDULE

Existing Project Study Report Equivalent Approved	11/2023
Begin Environmental (PA&ED) Phase	11/2023
Circulate Draft Environmental Document (CEQA: MND)	08/2024
Draft Project Report	08/2024
End Environmental (PA&ED) Phase	10/2024
Begin Design (PS&E) Phase	11/2023

End Design Phase (RTL for Advertisement Milestone)	01/2025
Begin Right of Way Phase	10/2024
End Right of Way Phase (Right of Way Certification Milestone)	04/2025
Begin Construction Phase (Contract Award Milestone)	04/2025
End Construction Phase (CON Contract Acceptance Milestone)	01/2026
Begin Closeout Phase	03/2026
End Closeout Phase (Closeout Report)	07/2026

12. PROJECT PERSONNEL

Name	Title	Phone #
David Giongco	Deputy Director of Public Works Engineering	(530) 879-6902
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Wyatt West	Project Manager (Traffic)	(530) 879-6941
Lane Green	Senior Civil Engineer	(530) 879-6930
Tracy R. Bettencourt	Senior Planner	(530) 879-6903