

831870 - Preventive Maintenance for Various Bridges

Originating Year:	2016	Project Type:	Traffic and Transportation	Department:	250 - Public Works
Planned Completion Year:	2025/26	Category:	Capital	Project Manager:	Gaku Watanabe

Project Description/Scope/Purpose

This project provides funding to perform preventive maintenance repairs and surface treatment to various bridges in Sunnyvale. Caltrans inspects the City's bridges and overcrossings every two years and creates bridge inspection reports that include maintenances recommendations to be performed by the City. Bridges not inspected by Caltrans have been inspected independently by the City.

The current project is federally funded through Caltrans Bridge Preventive Maintenance Program (BPMP) and proposed to treat the bridge deck with methacrylate sealing, polyester concrete overlay, or the combination of both. Total of five bridges are selected, including Tasman Drive over Calabazas Creek, Arques Avenue over Calabazas Creek, Mathilda Avenue at Evelyn Avenue, Kifer Road over Calabazas Creek, and Lochinvar Avenue over Calabazas Creek. Three out of the five bridges are shared with the City of Santa Clara. Design and construction cost of the shared bridges will be split between the City of Sunnyvale and City of Santa Clara through cost share agreement.

Project Evaluation and Analysis

This project will complete work recommended by Caltrans bridge inspectors to avoid safety issues and improve the function and reliability of the City's bridges.

Fiscal Impact

The bridges identified for repair under this project are not eligible for Highway Bridge Project grant funds and will be funded by the Gas Tax fund.

Funding Sources

Gas Tax Fund; Caltrans Bridge Preventive maintenance Program.

Plans and Goals

LT - Land Use and Transportation - LT-1: Coordinated Regional and Local Planning

Project Financial Summary

	Project Costs	Revenues	Operating Costs
Prior Actual	2	-	-
2024-25	331,498	-	-
2025-26	-	-	-
2026-27	-	-	-
2027-28	-	-	-
2028-29	-	-	-
2029-30	-	-	-
2030-31	-	-	-
2031-32	-	-	-
2032-33	-	-	-
2033-34	-	-	-
2034-35	-	-	-
2035-36	-	-	-
2036-37	-	-	-
2037-38	-	-	-
2038-39	-	-	-
2039-40	-	-	-
2040-41	-	-	-
2041-42	-	-	-
2042-43	-	-	-
2043-44	-	-	-
2044-45	-	-	-
20 Year Total	-	-	-
Grand Total	331,500	-	-