

Project Title:

Project #:

Sound Wall

337-37263



Project Category:	Community Facilities Improvements
Location:	West side of State Route 4 adjacent to Livorno Street
Project Manager:	B. Wilson
Project Priority:	1E - Mandatory
Est. Completion Date:	2023/24
Future Annual O & M Impact:	\$1,500
Public Art Requirement:	Exempt
General Plan Policy:	N 2-1

Description/Justification:

This project is included in the City’s Strategic Plan for FY 2022/23 - FY 2023/24. This project was created to address noise concerns from State Route 4 (SR 4). The existing sound wall on the west side of SR 4, adjacent to Livorno Street, was constructed by the developer. The City hired Bollard Acoustical Consultants, Inc. and the scope of work consisted of an assessment of the SR 4 traffic noise within the City from Lone Tree Way to Marsh Creek Road, to compare that noise exposure against applicable noise standards, and to provide options for traffic noise attenuation. The Noise Analysis results indicate that, noise levels ranged from 58 to 64 db Ldn, and were within the City’s normally and conditionally acceptable ranges for exterior noise exposure for single-family residences.

The City’s structural engineering consultant recently completed an assessment of the existing wall and wall foundation along a portion of the Siena Development, and determined that if a taller wall is desired, the existing wall will need to be removed and a new wall constructed in its place. In addition, City staff have been coordinating with Caltrans to ensure pavement resurfacing of SR 4. According to Caltrans, this pavement work is anticipated to start in FY 2025/26.

Project Status:

The construction phase of this project is estimated to be nearing completion in FY 2023/24.

Supplemental Information:

The future annual O & M costs will be for irrigation line and landscaping maintenance.

PROJECT FINANCING		CURRENT		PROPOSED				
PROJECT EXPENDITURES		Prior	2023/24	2024/25	2025/26	2026/27	2027/28	TOTAL
90040	Planning and Design	60,000						\$ 60,000
90050	Construction	500,000	30,000					\$ 530,000
90070	Project Administration	10,000						\$ 10,000
TOTAL		\$ 570,000	\$ 30,000					\$ 600,000
PROJECT FUNDING		Prior	2023/24	2024/25	2025/26	2026/27	2027/28	TOTAL
47100	General Fund	600,000						\$ 600,000
TOTAL		\$ 600,000						\$ 600,000