

CAPITAL IMPROVEMENT PLAN FY2024 - FY2028

PROGRAM: DRAINAGE

Program Priority: **1**

PROJECT NAME: Newport & Ellis Landing Subdivision Drainage Improvements

CIP NUMBER: DR2104

CONTACT PERSON: Christopher Sims

PROJECT COST BY FISCAL YEAR

Project Cost	Previously Appropriated	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total
Planning/Design	96,480							\$96,480
Land	99,800							\$99,800
Construction		797,500						\$797,500
Equip/Furnishings								\$0
Total Cost	\$196,280	\$797,500	\$0	\$0	\$0	\$0	\$0	\$993,780

FUNDING SOURCE BY FISCAL YEAR

Funding Source	Previously Appropriated	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total
Prior Bonds								\$0
GO Bonds								\$0
Future Bonds								\$0
Potential Grant(s)	196,280	797,500						\$993,780
Park Dedication Fees								\$0
4B Funding								\$0
CRF Funds								\$0
Other								\$0
Total Funding	\$196,280	\$797,500	\$0	\$0	\$0	\$0	\$0	\$993,780

PROJECT DESCRIPTION

1) FY2021: Design overland flow swales (1% flow minus existing pipe capacity) for extreme events (exceeding the 1% event volume). Swales expected to be a mix of earthen and paver types.

2) FY2023: Purchase existing easements in full for Drainage ROW at 9 locations (average 15' wide strips).

3) FY2024: Construction of proposed swales within the Newport Subdivision

CDBG-DR funds (Newport w/i Low-to-Moderate Income Zone) will be used for construction up to the \$6.9 million.

PROJECT JUSTIFICATION

The Newport Subdivision drains directly to the concrete lined Newport ditch through 14 storm sewer outfalls. The outfall easements do not have defined swales and coupled with existing fences and heavy vegetation the sheet flow is, at a minimum, partially blocked through the easements. As currently graded, the existing drainage easements do not have sufficient capacity to carry the extreme event's sheet flow from the streets to Newport Ditch. This factor, combined with blockage of the drainage easements by fences and/or vegetation, causes excessive ponding in the street during an extreme event rainfall.

This project would purchase up to 9 of the existing easements as ROW. At all locations, swales will be constructed which will require the removal and replacement of the existing fence between 2 lots inside the easement/ROW. Drainage obstructions will need to be permanently removed, and the existing storm sewer manhole cover elevation adjusted as needed.

ADDITIONAL CONSIDERATIONS

	YES	NO	Recurring M&O Costs	Amount
Is the project necessary under State/Federal Mandate, contractual obligation, or City Code?		NO	Personnel/Benefits (50xx)	\$0
			Supplies (51xx)	\$0
Will this project create future Capital Projects?		NO	Repairs/Maintenance (52xx)	\$0
Is your request in the current C I P ?	YES		Services (53xx)	\$0
If yes, has the cost of the project changed?	YES		TOTAL	\$0