

## CAPITAL IMPROVEMENT PLAN FY2024 - FY2028

**PROGRAM: DRAINAGE**

Program Priority:

**PROJECT NAME: Landing Subdivision Drainage Improvements**

**CIP NUMBER: DR2105**

**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	77,305							\$77,305
Land								\$0
Construction	599,500							\$599,500
Equip/Furnishings								\$0
<b>Total Cost</b>	<b>\$676,805</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$676,805</b>

### 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	474,996							\$474,996
Future Bonds								\$0
Potential Grant(s)	201,809							\$201,809
Park Dedication Fees								\$0
4B Funding								\$0
CRF Funds								\$0
Other								\$0
<b>Total Funding</b>	<b>\$676,805</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$676,805</b>

### 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) FY2022: Purchase existing easements in full for Drainage ROW at 6 locations (average 15' wide strips).

3) FY2023: Construction of proposed swales within the Landing Subdivision

CDBG-DR funds are available (Landing falls within Low-to-Moderate Income Zone).

### PROJECT JUSTIFICATION

The Landing Subdivision drains directly to the Landing Ditch through 8 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 Landing 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 6 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 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		<b>TOTAL</b>	<b>\$0</b>