

## CAPITAL IMPROVEMENT PLAN FY2024 - FY2028

**PROGRAM: DRAINAGE**

Program Priority: **2**

**PROJECT NAME: FM 518 & Wesley Drive Drainage Improvements**

**CIP NUMBER: DR2010**

**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	683,545							\$683,545
Land	114,228							\$114,228
Construction		3,000,000						\$3,000,000
Equip/Furnishings								\$0
<b>Total Cost</b>	<b>\$797,773</b>	<b>\$3,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,797,773</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	176,690	982,835						\$1,159,525
Future Bonds								\$9
Potential Grant(s)	621,083	2,017,165						\$2,638,248
Park Dedication Fees								\$0
4B Funding								\$0
CRF Funds								\$0
Other: Cash								\$0
<b>Total Funding</b>	<b>\$797,773</b>	<b>\$3,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,797,782</b>

### PROJECT DESCRIPTION

Re-grading of Wesley Drive in the vicinity of Main Street will take place to promote conveyance south and west directions. An overland flow path will be constructed from Wesley Drive to Corum Ditch on the north side of main Street. A parallel sub-surface system will be constructed under Wesley Drive and large inlets will be constructed in the Main Street "sag".

A detention pond will be constructed in an open area near the intersection of Wesley Drive and Corum Ditch to mitigate impacts caused by the conveyance of additional flows from the new system. The pond will then discharge to Corum Ditch which has been previously identified as an environmentally sensitive area requiring no-adverse impacts or increased discharges to the channel. *Environmental permitting is a critical path due to USACE involvement and should be started as early as possible. The USACE could permit this work under a Nationwide Permit or a Standard Individual Permit. A NWP is typically a 6 month process but a SIP is typically a 2 year process.*

Grant funding thru CDBG-DR and HMGP; A request for additional FEMA funds are underway due to increased anticipated construction costs.

### PROJECT JUSTIFICATION

The project will mitigate chronic flooding in the project area. The improvements will result in a potential reduction in the flooding depths in Main Street (FM518) of approximately 0.5 to 1.0ft. This will reduce the frequency with which the road will be inundated while keeping the road passable to emergency vehicles even in extreme events. Additionally, the improvements will alleviate the current flow restriction which causes the 100-year sheet flow to inundate properties to the west.

### 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>