

PROPOSED CAPITAL IMPROVEMENT PLAN FY2020 - FY2024

PROGRAM: DRAINAGE

Program Priority: **15**

PROJECT NAME: Benson Bayou Regional Conveyance & Mitigation Pond

CIP NUMBER:

CONTACT PERSON: Christopher Sims

PROJECT COST BY FISCAL YEAR

Project Cost	Previously Appropriated	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	Total
Planning/Design		1,153,000						\$1,153,000
Land		3,616,325						\$3,616,325
Construction				7,236,600				\$7,236,600
Equip/Furnishings								\$0
Total Cost	\$0	\$4,769,325	\$0	\$7,236,600	\$0	\$0	\$0	\$12,005,925

FUNDING SOURCE BY FISCAL YEAR

Funding Source	Previously Appropriated	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Future Years	Total
Prior Bonds								\$0
Authorized GO Bonds		2,384,663		3,618,300				\$6,002,963
Future Bonds								\$0
Potential Grant(s)		2,384,663		3,618,300				\$6,002,963
Park Dedication Fees								\$0
4B Funding								\$0
CRF Funds								\$0
Other: Cash								\$0
Total Funding	\$0	\$4,769,325	\$0	\$7,236,600	\$0	\$0	\$0	\$12,005,925

PROJECT DESCRIPTION

Re-grading Benson Bayou and related tributaries from the HL&P culverts (located in the Bayou north of the FM 646 intersection) all the way through to SH 3 (approximately 2,750 LF) including the reconstruction of one or both of the Bayou crossings at LCP and SH 3. Construction of an approximate 90 acre-foot mitigation pond and existing pond outfall structures

The HL&P culverts are to remain in place.

Potential grant funding thru THMGP at a 75%-25% split. This project could also potentially be funded through the CDBG-DR process. If funded through both, the City may not have any funds involved in project. Budget assumed 50% City Cost share.

PROJECT JUSTIFICATION

The project will help mitigate chronic flooding by providing a provide clear, unobstructed drainage flow along the drainage easements/ROWs which handle runoff during rainfall events. It will eliminate blockage in the most critical drainage areas and provide the City unrestricted access to the bayou for maintenance. The flooding problems seen are generally concentrated east of the HL&P easement that runs northwest to southeast across the Benson Bayou area. The areas of deepest flooding immediately upstream of the HL&P easement are in undeveloped areas. The flooded areas in the vicinity of SH 3 and LCP are a concern due to the Oaks of Clear Creek and Leisure Lakes Subdivisions among other residential areas. Homes in this area routinely experience street flooding and structural inundation.

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 ?		NO	Services (53xx)	\$0
If yes, has the cost of the project changed?			TOTAL	