

Highlands

Ten-Year Project Plan FY 2024 – FY 2033

Date: 02/28/2023

CONTENTS

Highlands Executive Summary	1
Highlands System Project Location Map	2
Highlands Projects Summary Sheet	3
Individual Project Sheets	4



Highlands Division Ten Year Project Plan Executive Summary FY 2024 – FY 2033 Projects

Introduction

The purpose of the Highlands Division 10-Year Project Plan for Fiscal Years (FY) 2024 through 2033 is to identify potential projects and associated funding requirements and sources to appropriately maintain and manage the Highlands Division's wholesale raw water supply system in order to continue to provide efficient and reliable services for the Division's industrial, municipal, and irrigation customers.

The Project Plan has been prepared and prioritized utilizing information from existing condition assessments, expected service life, and available funding. All projects presented in the Project Plan are anticipated to be funded in whole by the Highlands Division's Renewal and Replacement Fund (R&R Fund).

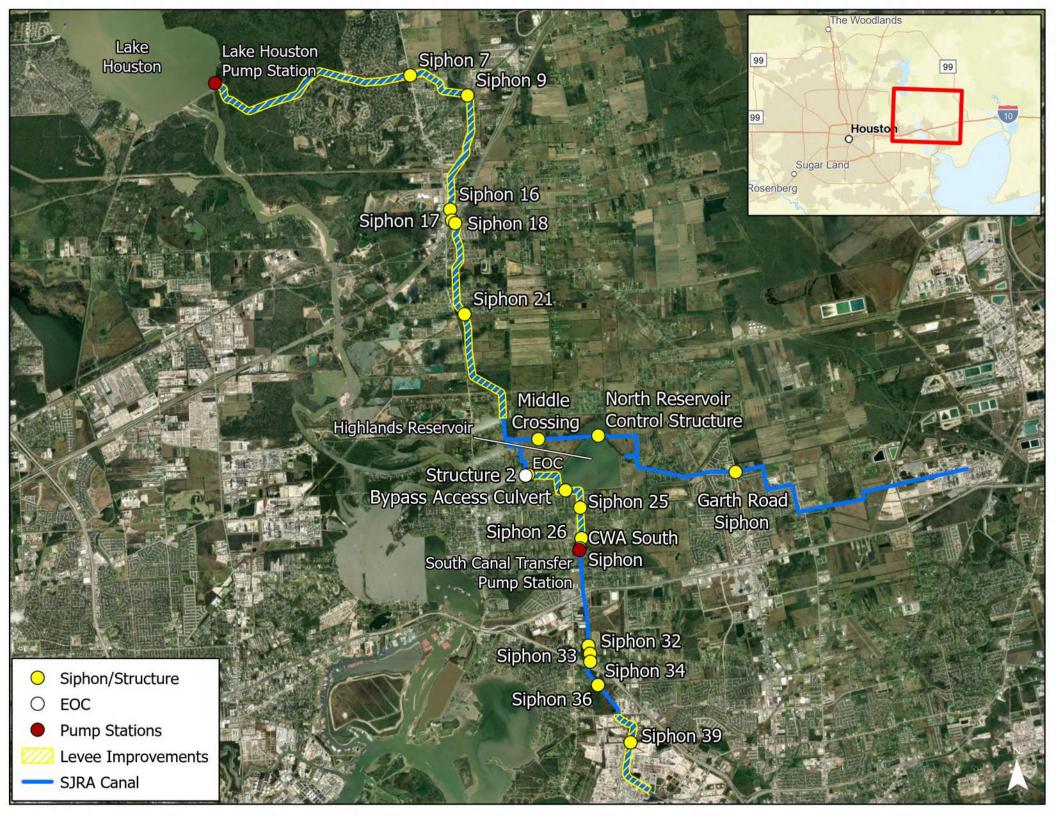
Key Focus Areas:

- Replacement of Aging Siphons and Canal Structures
- Transition of Lake Houston Pump Station to Remote Operation
- Rehabilitation of Canal Levees
- Replacement of Aging Pumping Equipment at the Lake Houston Pump Station

Total Projected Costs (All Projects)									
FY 2024	\$11,938,000								
FY 2025	\$10,657,000								
FY 2026	\$7,565,000								
FY 2027 – FY 2033	\$50,823,000								
Total	\$80,983,000								

Key Assumptions:

Funding will be provided by annual contributions to the Repair and Replacement (R&R)
 Fund from the General Fund





Highlands Project Summary

Highlands Division FY 2024 - FY 2033 Projects

PAGE NO.	PROJECT ID	PROJECT NAME	ESTIMATED EXPENDITURES THROUGH END OF FY 2023	2024 ESTIMATE	2025 ESTIMATE	2026 ESTIMATE	2027 ESTIMATE	ESTIMATE ESTIMATE E		2030 ESTIMATE	2031 ESTIMATE	2032 ESTIMATE	2033 ESTIMATE	TOTAL
4		Siphon 7 Improvements	\$ 2,327,240	\$ 790,000		\$ -	\$ -	\$ -	т	\$ -	Ş -	\$ -	\$ -	\$ 3,117,240
5		South Canal Bypass Access Culvert	\$ 604,222	\$ 80,000	\$ -	Ş -	\$ -	\$ -	Ÿ	\$ -	Ş -	7	\$ -	\$ 684,222
6			\$ 597,810	7	\$ -	Ş -	\$ -	\$ -	\$ -	\$ -	\$ -	7	\$ -	\$ 653,810
7		Siphon 25 Improvements	\$ 2,096,546	\$ 182,000	\$ -	Ş -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,278,546
8		Siphon 26 Improvements	\$ 1,536,811	\$ 176,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,712,811
9	HAR24	Reservoir Access Road	\$ 1,373,998	\$ 176,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,549,998
10		Siphon 16 Erosion Repair	\$ 61,528	\$ 226,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 287,528
11		Siphon 17 Erosion Repair	\$ 74,910	\$ 226,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,910
12		Siphon 18 Grade Repairs	\$ 73,219	\$ 226,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 299,219
13		Middle Canal Culvert Replacement	\$ 47,385	\$ 110,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 157,385
14	HNRCR	North Reservoir Culvert Replacement	\$ 46,395	\$ 110,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 156,395
15	HPSOR	Lake Houston Pump Station Campus Improvements	\$ 2,607,767	\$ 1,544,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,151,767
16	HMLRN	Main Canal Improvements - Lake Houston Pump Station to Siphon 6	\$ 1,750,740	\$ 6,522,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,272,740
17	HSCLS	South Canal Levee Improvements between Siphon 37 and Customer	\$ 365,161	\$ 253,000	\$ 536,000	\$ 123,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,277,161
1/	HSCLS	Customer Contribution	\$ 511,989		\$ 659,000		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,170,989
40	110120	Siphon 39 Improvements	\$ 343,059	\$ 320,000	\$ 4,202,000	\$ 1,443,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,308,059
18	HSI39	Customer Contribution	\$ 653,059		\$ 1,240,000		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,893,059
19	HEOCG	Highlands Emergency Operations Center Generator Replacement	\$ -	\$ 96,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 96,000
20	HDCDC	Water Conservation and Drought Contingency Plans	\$ -	\$ 24,000	\$ -	\$ -	\$ -	\$ -	\$ 28,000	\$ -	\$ -	\$ -	\$ -	\$ 52,000
21	HSCTG	South Canal Transfer Pump Station Generator Replacement	\$ -	\$ 26,000	\$ 293,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 319,000
22	HDS2I	Structure 2 Improvements	\$ -	\$ 199,000	\$ 1,436,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,635,000
23	HL324	South Canal Levee Improvements between Structure 3 and Siphon 24	\$ 100,851	\$ 308,000	\$ 2,558,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,966,851
24	HPSEV	Lake Houston Pump Station Pump and Motor Replacement	\$ -	\$ 198,000	\$ 408,000	\$ 4,416,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,022,000
25	HMLRS	Main Canal Levee Improvements - Siphon 6 to Highlands Reservoir	\$ 87,000	\$ 90,000	\$ 969,000	\$ -	\$ -	\$ -	\$ -	\$ 288,000	\$ 297,000	\$ 3,210,000	\$ -	\$ 4,941,000
26	HGART	Garth Road Siphon Improvements	\$ 29,664	\$ -	\$ 190,000	\$ 390,000	\$ 4,222,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,831,664
27	HDEAP	Highlands Reservoir Emergency Action Plan	\$ -	\$ -	\$ 65,000	\$ -	\$ -	\$ -	\$ -	\$ 77,000	\$ -	\$ -	\$ -	\$ 142,000
28	HHRDI	Highlands Reservoir Dam Inspection	\$ -	\$ -	\$ -	\$ 46,000	\$ -	\$ -	\$ -	\$ -	\$ 53,000	\$ -	\$ -	\$ 99,000
29	HDEOC	Emergency Operations Center Improvements	\$ 73,880	\$ -	\$ -	\$ 947,000	\$ 2,487,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,507,880
30		Siphon 21 Improvements	\$ -	\$ -	\$ -	\$ 200,000	\$ 412,000	\$ 4,460,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,072,000
31	HESRL	Reservoir Levee Rehabilitation (East Side)	\$ -	\$ -	\$ -	\$ -	\$ 98,000	\$ 167,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 265,000
32		Siphon 32 Improvements	\$ -	\$ -	\$ -	\$ -	\$ 225,000	\$ 463,000	\$ 5,012,000	\$ -	\$ -	\$ -	\$ -	\$ 5,700,000
33		Siphon 33 Improvements	\$ -	\$ -	\$ -	\$ -	\$ 137,000	\$ 282,000	\$ 1,525,000	\$ 1,570,000	\$ -	\$ -	\$ -	\$ 3,514,000
34	HSI34	Siphon 34 Improvements	\$ -	\$ -	\$ -	\$ -	\$ 225,000	\$ 463,000	\$ -	\$ 5,162,000	\$ -	\$ -	\$ -	\$ 5,850,000
35		Siphon 9 Improvements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 241,000	\$ 744,000	\$ 7,658,000	\$ 3.680.000	\$ -	\$ 12,323,000
36		Siphon 36 Improvements	\$ -	\$ -	\$ -	\$ -	\$ -	*	\$ -	\$ -	\$ 153,000	\$ 315,000	\$ 3,412,000	\$ 3,880,000
37	HCWAS	CWA South Siphon Improvements	\$ -	\$ -	\$ -	\$ -	\$ -	*	\$ -	\$ -	\$ -	\$ 495,000	\$ 3,262,000	\$ 3,757,000
								, - ? - 3			i .	,,,,,	. 2,222,300	,,
											1	1		
		TOTAL SJRA HIGHLANDS R&R FUND	\$ 13,033,137	\$ 11.938.000	\$ 8.758.000	\$ 7.565.000	\$ 7.806.000	\$ 5.835.000	\$ 6.806.000	\$ 7,841,000	\$ 8.161.000	\$ 7,700,000	\$ 6.674.000	\$ 92.117.137
		TOTAL CUSTOMER CONTRIBUTION	\$ 1.165.048	\$	\$ 1,899,000	\$.,505,000	\$ 7,000,000	\$ 5,000,000	\$ 5,500,000	\$ 7,541,000	\$ 5,101,000	\$ 7,700,000	\$ 5,574,000	\$ 3.064.048
\vdash	TOTALS	TO THE COSTONIES CONTRIBUTION	, , , , , , ,	\$ 11 938 000	\$ 10,657,000	\$ 7,565,000	\$ 7,806,000	\$ 5,835,000	\$ 6,806,000	\$ 7,841,000	\$ 8,161,000	\$ 7,700,000	\$ 6,674,000	,,

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PROJECT NAME	PROJEC	T ID	FISCAL	. YEAR	EAR DIVISION							
Siphon 7 Improvements	HSIO:	7	2016-2020/	16-2020/2022-2024 Highlands								
PROJECT DESCRIPTION		PROJECT MAP/PICTURE										
Phase 1 of this project included the installation of a long-term temporary canal bypass designed to adequately pass up to 60 MGD, with 1.5 feet of freeboard, in the Main Ca system is required to accommodate the widening of FM 2100 by Texas Department or Transportation (TxDOT). Ultimately, Siphon 7 will consist of dual 4 ft. x 8 ft. box culver constructed by TxDOT's Contractor. Currently, SJRA has no access to its easement off the east side due to a roadside drainage ditch. During the road expansion, TxDOT will improved access to SJRA's easement by placing curb cuts on both the east and west si 2100. Also, no road median will be installed across SJRA's easement. Phase 2 of this project will consist of removal/abandonment of the temporary canal b removal of earthen cofferdams, and canal levee work to transition the existing canal I new culvert crossing. Phase 2 work will be performed by SJRA's contractor. Project required due to age, structural condition, and potential for failure of existing s project has been accelerated in SJRA's Project Plan due to TxDOT's project to widen Fi	inal. The bypass of tree, to be of FM 2100 on provide ides of FM sypass system, evees to the siphon. This M 2100.											
PROJECT SCHEDULE DELIVERY	FUNDING							A to the second				
Initiate Cons. Selection: FY 2022 - Q2	☑ 0&M							Salar S				
PSA/WO Issued: FY 2022 - Q2 Other	☑ Bonds											
Final Proposal Docs: FY 2023 - Q4	☑ R&R				- 1	e de la mar						
Proposals/Bids Received: FY 2023 - Q4	☐ Other											
Constr. Contract to Board: FY 2024 - Q1	2015 TWDB					大						
Substantial Completion: FY 2024 - Q3 ☑ Capitalized	☐ Expensed	100	8 4	100	745		医 医					
BUDGET* TOTAL PREVIOUS 2024 2025	2026	2027	2028	2029	2030	2031	2032	2033				
Planning/Permitting/PER \$ 130,462 \$ 130,462 \$ - \$	\$ - \$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -				
Engineering/Design \$ 158,870 \$ 158,870 \$ - \$ -	\$ - \$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -				
Construction \$ 2,569,340 \$ 1,851,340 \$ 718,000 \$ -	\$ - \$	-	\$ -	\$ -	Ş -	\$ -	Ş -	\$ -				
CPS, CM&I, and CMT		-	- ا	> -	> -	> -) - c	> - c				
Land Acquisition		-	- د -	- د -	۶ د	ء د	ء د	- ا د -				
Total \$ 3,117,240 \$ 2,327,240 \$ 790,000 \$ -	ς - ς		ς -	\$ -	ς -	\$ -	\$ -	\$ -				
*Budget includes contingency.	, I		٣	7	<u> </u> *	17	17	Υ				

^{*}Budget includes contingency.

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
South Canal Bypass Access Culvert	HSCAC	2021-2024	Highlands

PROJECT DESCRIPTION

This project includes the installation of a box culvert in the South Canal Bypass southwest of Siphon 24. This will allow Division staff access from the south levee to the reservoir levee which will improve maintenance and operations. Additionally, the box culvert will have stop log slots to allow the Division to isolate the bypass canal for future maintenance projects. This project is packaged with other South Canal projects including Siphon 25 Improvements (HSI25), Siphon 26 Improvements (HSI26), South Canal Levee Improvements Between Siphons 24 and 27 (H2427), and Reservoir Access Road (HAR24).

PROJECT SCHEDULE		DELIVERY	FUNDING
Initiate Cons. Selection:	Completed	☑ CSP	□ 0&M
PSA/WO Issued:	Completed	☐ Other	☐ Bonds
Final Proposal Docs:	Completed		☑ R&R
Proposals/Bids Received:	Completed		☐ Other
Constr. Contract to Board:	Completed		
Substantial Completion:	FY 2024 - Q1	☑ Capitalized	☐ Expensed

Substantial Completion				 α-			154		801	EL MESEL SERVICE	-	ALCOHOL: NAME OF THE PARTY OF	CONTRACTOR INC. NO.	- 6		 A SPECIAL DISTANCE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN CO	20	MANAGEMENT TO STATE OF THE PARTY OF THE PART
BUDGET*	TOTAL	Pl	REVIOUS	2024	2025	2026		2027	Γ	2028		2029	2030		2031	2032		2033
Planning/Permitting/PER	\$ -	\$	-	\$ -	\$ -	\$ -	\$	-	\$	-	Ş	-	\$ -	\$	-	\$ -	\$	
Engineering/Design	\$ 21,227	\$	21,227	\$ -	\$ -	\$ -	\$	-	\$	-	\$	\$ -	\$ -	\$	-	\$ -	\$	
Construction	\$ 622,705	\$	549,705	\$ 73,000	\$ -	\$ -	\$	-	\$	-	\$	-	\$ -	\$	-	\$ -	\$	
CPS, CM&I, and CMT	\$ 40,290	\$	33,290	\$ 7,000	\$ -	\$ -	\$	-	\$	-	\$	\$ -	\$ -	\$	-	\$ -	\$	
Land Acquisition	\$ -	\$	-	\$ -	\$ -	\$ -	\$	-	\$	-	\$	\$ -	\$ -	\$	-	\$ -	\$	
Equipment Purchase	\$ -	\$	-	\$ -	\$ -	\$ -	\$	-	\$	-	\$	\$ -	\$ =	\$	-	\$ -	\$	
Total	\$ 684,222	\$	604,222	\$ 80,000	\$ -	\$ -	\$	-	\$	· -	Ş	-	\$ -	\$	-	\$ -	\$	

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Sundice St

PROJECT MAP/PICTURE

Highlands

Reservoir

South Canal Bypass Access

South Canal Bypass

 $^{{\}bf *Budget\ includes\ contingency}.$

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
South Canal Levee Improvements between Siphons 24 and 27	H2427	2017/2020-2024	Highlands

PROJECT DESCRIPTION PROJECT MAP/PICTURE

Improvements include interior/exterior slope regrading and/or slope protection and will provide canal levee slope stability. Field observations have identified significant erosion issues along this segment of the South Canal. In 2016, A Technical Memorandum was performed in-house by SJRA staff, with assistance from Texas Water Engineering. SJRA performed preliminary and final engineering design on this section of canal with assistance from Texas Water Engineering. This Project is packaged with other South Canal projects, including Siphon 25 Improvements (HSI25), Siphon 26 Improvements (HSI26), South Canal Bypass Access Culvert (HSCAC), and Reservoir Access Road (HAR24) in order to achieve most efficient/lowest cost design and construction.

This project is necessary to provide reliable conveyance of flows to downstream customers along with improving the stability of the canal levees.

PROJECT SCHEDULE					DELIVERY	FUNDING					经验	-	岩井
Initiate Cons. Selection	ղ:		Comp	leted	☑ CSP	□ 0&M		The state of the s		直置 水			W MINIS
PSA/WO Issued:			Comp	oleted	☐ Other	☑ Bonds	82-1 H	1	man		N. BATTLEBE	LILRD : 4	
Final Proposal Docs:			Comp	oleted		☑ R&R	2 1 1000 1 400 1 100	the same and the		上 首		LAND DOOR STATE	Service Services
Proposals/Bids Receive	ed:		Comp	oleted		☐ Other		(到3)	The state of	C C	phon 27	-	
Constr. Contract to Bo	ard:		Comp	oleted		2015 TWDB	6		THE SECTION		priori 21	Total Control of the	M
Substantial Completion	n:		FY 202	24 - Q1	☐ Capitalized	☑ Expensed		A HAR NO	P. Carlotte				
DUD OFT*													
BUDGET*	TOTA		PREVIOUS	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Planning/Permitting/PER		_	\$ 156,394		\$ -	\$ -	\$ -	\$ -	\$ -	2030	2031	2032 -	\$ -
		94 :		\$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -
Planning/Permitting/PER	\$ 156,	94 S	\$ 156,394	\$ - \$ -	\$ - \$ -	\$ - \$ - \$ -	\$ - \$ - \$ -	\$ - \$ - \$ -	\$ - \$ - \$ -	\$ - \$ - \$ -	\$ - \$ - \$ -	\$ - \$ - \$ -	\$ - \$ - \$ -
Planning/Permitting/PER Engineering/Design	\$ 156, \$ 96,	94 5 67 5 16 5	\$ 156,394 \$ 96,267	\$ - \$ - \$ 53,000	\$ - \$ - \$ -	\$ - \$ - \$ -	\$ - \$ - \$ -	\$ - \$ - \$ -	\$ - \$ - \$ -	\$ - \$ - \$ -	\$ - \$ - \$ - \$ -	\$ - \$ - \$ -	\$ - \$ - \$ -
Planning/Permitting/PER Engineering/Design Construction	\$ 156, \$ 96, \$ 382,	94 5 67 5 16 5	\$ 156,394 \$ 96,267 \$ 329,016	\$ - \$ - \$ 53,000	\$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -
Planning/Permitting/PER Engineering/Design Construction CPS, CM&I, and CMT	\$ 156, \$ 96, \$ 382,	94 5 67 5 16 5	\$ 156,394 \$ 96,267 \$ 329,016	\$ - \$ - \$ 53,000	\$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	\$

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^{*}Budget includes contingency.

PROJECT NAME					PROJI	CT ID	FISCA	L YEAR		DIVI	SION	
Siphon 25 Improveme	nts				HS	125	2020	-2024		High	lands	
PROJECT DESCRIPTION								PROJI	ECT MAP/PI	CTURE		
This project includes the replacement with new dua South Canal at the first croperformed preliminary and Project is packaged with or South Canal Levee Improve Culvert (HSCAC), and Rese design and construction. Project is required due to a Project will also increase h	al siphons, head ssing, Wallisvill If final engineer ther South Cana ements betwee rvoir Access Roa age, structural o	Iwalls and other e Road, downst ing design with all projects incluin Siphons 24 arad (HAR24) in occondition, and procondition, and processes.	r appurtenance tream of the Hi assistance fron iding Siphon 26 nd 27 (H2427), order to achieve	es. Project is loc ghlands Reserv in Texas Water Improvements South Canal By e most efficient lure of existing	cated on the voir. SJRA Engineering. s (HSI26), epass Access /lowest cost							
PROJECT SCHEDULE				DELIVERY	FUNDING	2000					Wast	The T
Initiate Cons. Selection	:	•	oleted	☑ CSP	□ 0&M	THE PARK						11 300
PSA/WO Issued:		Comp		☐ Other	☑ Bonds						THE STATE OF	
Final Proposal Docs:	. al .	Comp			☑ R&R	1/15/77						
Proposals/Bids Receive Constr. Contract to Boa		Comp Comp			☐ Other	1000				10/2/1	No. of the last	
Substantial Completion		FY 202		☑ Capitalized	2015 TWDB	1000						
BUDGET*	TOTAL	PREVIOUS	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Planning/Permitting/PER	\$ 116,080		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$
	\$ 117,949			· \$ -	; \$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	İs
Ingineering/Design	7 117,343	,										١ ٢
	\$ 1,954,415	\$ 1,786,415	\$ 168,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$
Engineering/Design Construction CPS, CM&I, and CMT Land Acquisition				\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$

\$ 2,278,546 \$ 2,096,546 \$

Equipment Purchase

Total

^{*}Budget includes contingency.

DD O IF CT NAME					- BROW	ECT ID	FICOAL	VEAD			CION	
PROJECT NAME	· <u>-</u>					ECT ID	FISCAL				SION	
Siphon 26 Improveme					l HS	126	2020-				lands	
PROJECT DESCRIPTION								PROJI	ECT MAP/PIC	CTURE		
This project includes the re- replacement with new dua- final engineering design w- other South Canal projects Improvements between Si Reservoir Access Road (HA construction.	al siphons, head ith assistance fr s including Sipho phons 24 and 2	lwalls, and apport om Texas Wate on 25 Improver 7 (H2427), Sou	urtenances. SJR er Engineering. nents (HSI25), S th Canal Bypass	RA performed p Project is packa South Canal Lev s Access Culver	reliminary and aged with vee t (HSCAC), and		Y=					1
Project is required due to a Project will also increase h												
PROJECT SCHEDULE				DELIVERY	FUNDING							
Initiate Cons. Selection	1:	Comr	oleted	☑ CSP	□ 0&M							
PSA/WO Issued:			oleted	☐ Other	☑ Bonds		Est MAK	14-14				
Final Proposal Docs:			oleted	İ	☑ R&R	医院室 多点以	William Ra	15个国				
Proposals/Bids Receive	ed:		oleted	ĺ	☐ Other	VACASTASI		1 X L	MAC			
Constr. Contract to Box			oleted					KYMYAL				
Substantial Completion		FY 202		☑ Capitalized	2015 TWDB	14/11/4	Well !	NA TRA				
BUDGET*	TOTAL	PREVIOUS	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Planning/Permitting/PER	\$ 114,976			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design	\$ 125,984	\$ 125,984	, \$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction		\$ 1,222,301	\$ 162,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CPS, CM&I, and CMT	\$ 87,551	\$ 73,551	\$ 14,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$	\$ -
	4 740 044	4		٨	4	4	4	4	<u></u>	۵.	I & I	<u> </u>

Total

\$ 1,712,811 \$ 1,536,811 \$ 176,000 \$

^{*}Budget includes contingency.

PROJECT NAME	PROJECT ID	FISCAL YEAR		DIVISIO	ON	
Reservoir Access Road	HAR24	2021-2024		Highlar	nds	
PROJECT DESCRIPTION			DJECT MAP/PICT			
Project includes installation of an articulated concrete block all-weather access roady north side of the Highlands Emergency Operations Center to the southeast corner of Reservoir Dam. This will allow for an improved turnaround area on the east end and to a potential material storage area where materials such as riprap could be stockpill emergency purposes. At times during inclement weather it is necessary for SJRA staff to access the Emerge well as Siphon 24 to install stop logs, open/close water control gates, and perform of maintenance and operational changes. An all weather access roadway will provide streliable way to access critical structures during wet weather events. Project will occur with the South Canal Improvements Program Phase 2 project which HSI25, HSI26, H2427, and HSCAC.	ency Spillway as ther taff with a more that also includes	ghlands	High	dighlands Reservoir Chlands Servoir	ergency R	Fig oreshitu
PROJECT SCHEDULE DELIVERY	FUNDING HIGHER	B F A A A A A A A A A A A A A A A A A A			17	
Initiate Cons. Selection: Completed □ CSP	□ 0&M	Aligh School		A Sep	od 2º	1200
PSA/WO Issued: Completed □ Other	☐ Bonds	e Rd				11
Final Proposal Docs: Completed	☑ R&R	5.5	以下的	の一般に対し	9	
Proposals/Bids Received: Completed	☐ Other					-
Constr. Contract to Board: Completed		官是是此份	12 1	Foxg/ove St		11-56/
Substantial Completion: FY 2024 - Q1	☐ Expensed	FEBRUARY STATE	二一小量原籍	一 一		了。公司是
BUDGET* TOTAL PREVIOUS 2024 2025	2026 2027	2028 2029	2030	2031	2032	2033
Planning/Permitting/PER \$ - \$ - \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ - \$ \$ - \$ - \$ - \$ \$ - \$ - \$ - \$ \$ - \$ - \$ - \$ \$ - \$ - \$ - \$ \$ - \$ - \$ - \$ \$ - \$ - \$ - \$ \$ - \$ - \$ - \$ \$ - \$ - \$ - \$ \$ - \$ - \$ - \$ \$ - \$ - \$ - \$ \$ - \$ - \$ \$ - \$ - \$ \$ - \$ - \$ \$ - \$ - \$ \$ - \$ - \$ \$ - \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	- \$ - \$ - \$ - \$ - \$	- \$ - \$ - \$ - \$	- - - -

^{*}Budget includes contingency.

PROJECT NAME					PROJ	ECT ID	FISCA	L YEAR		DIV	SION	
Siphon 16 Erosion Repair	ir					16R		-2024			lands	
									ECT MAP/PI			
PROJECT DESCRIPTION Project includes erosion repainedwall. Additionally, levee repaired. These repairs will a project to be designed and continuous project.	es immediate extend the us	ly upstream and eful life of the s	d downstream structure until i	of the structure	will be			PROJ	ECT MAP/PIO	CTURE		
				DELIN (EDV	LEUNDING	C						
PROJECT SCHEDULE Initiate Cons. Selection:		Come	-la+a-d	DELIVERY	FUNDING □ 0&M							
PSA/WO Issued:		-	oleted oleted	☐ Other	☐ Bonds	1.7			建		以首先 。	A 44
Final Proposal Docs:			23 - Q4	□ Otner	□ Bonas □ R&R							
Proposals/Bids Received	ı.		23 - Q4 24 - Q1		□ Other				100			
Constr. Contract to Boar			24 - Q1 24 - Q1		□ Other							198
				☑ Capitalized	<u> </u>			100				A 12 1
Substantial Completion: BUDGET*	TOTAL	PREVIOUS	24 - Q3 2024	2025	□ Expensed 2026	2027	2028	2029	2030	2031	2032	2033
Planning/Permitting/PER \$		\$ 9,360		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ _	\$ -
Engineering/Design \$	57,168	\$ 52,168		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction \$		\$ -	\$ 201,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CPS, CM&I, and CMT \$	20,000	\$ -	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition \$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Purchase \$		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total \$	287,528	\$ 61,528	\$ 226,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

^{*}Budget includes contingency.

PROJECT NAME					PROJ	ECT ID	FISCA	L YEAR		DIVI	SION	
Siphon 17 Erosion Rep	air				HS	17R	2023	-2024		High	lands	
PROJECT DESCRIPTION	J							PROJ	ECT MAP/PIO	CTURE		
Project includes erosion re siphon until it can be repla the cement sand on the do	iced. Erosion h	as occurred beh	ind the headw	all on the upstro							Á NE	4
Project to be designed and	d constructed v	vith HS16R and	HS18R.									
PROJECT SCHEDULE				DELIVERY	FUNDING		The state of			以广 上学		
Initiate Cons. Selection	1:		oleted	☑ CSP	□ 0&M					人人人		
PSA/WO Issued:			oleted	☐ Other	□ Bonds			《 》	小字分 交		V	
Final Proposal Docs:		FY 202			☑ R&R	7.4		100				
Proposals/Bids Receive		FY 202			☐ Other				大學	从 _人		TANK!
Constr. Contract to Boo		FY 202							Selection		A VA	TE P
Substantial Completion	-	FY 202		☑ Capitalized	☐ Expensed							72
BUDGET*	TOTAL	PREVIOUS	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Planning/Permitting/PER	\$ 10,350	\$ 10,350		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design Construction	\$ 69,560 \$ 201,000	\$ 64,560	\$ 5,000 \$ 201,000	> - c	۶ - د	۶ - د	> - c	> - c	> -	\$ - ¢	> - c	\$ -
CPS, CM&I, and CMT	\$ 201,000	- د	\$ 201,000	, -	- د	- د	, .	- د	- د -	- د	ا د	- د -
Land Acquisition	کرب خ د	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	کار خ د	s =	, -	ς -	Š	Š -	- د	ς -	- ا د	\$ -
Equipment Purchase	\$ -	Ś -	\$ -	s -	s -	\$ -	s -	ś -	\$ -	\$ -	Š -	\$ -
Total	\$ 300,910	\$ 74,910	\$ 226,000	\$ -	\$ -	\$ -	Ś -	\$ -	\$ -	\$ -	\$ -	\$ -
*Budget includes contingency.	y 300,310	7 77,510	220,000	۲	Į Y	<u> ~ </u>	<u> </u>	<u> </u>	<u> </u>	7	7	7

^{*}Budget includes contingency.

PROJECT NAME					PROJ	ECT ID	FISCA	L YEAR		DIVI	ISION	
Siphon 18 Grade Repa	irs				HS	18R	2023	3-2024		High	lands	
PROJECT DESCRIPTION	ı				•			PROJ	ECT MAP/PI	CTURE		
Project includes removal o to erosion over time, the s pavement. In an effort to premoved, regraded, and reextend around the bend lo	f the existing sl loped pavemer prevent further eplaced with ge pocated immedia	nt has been und erosion around otextile fabric a tely downstrea	ermined leadir I the headwall, and broken con m of the sipho	ng to cracking o the sloped pav crete riprap. Th	f the ement will be			PROJ	ECT MAP/PI	CTURE		
PROJECT SCHEDULE				DELIVERY	FUNDING							
Initiate Cons. Selection	:	Comp	leted	☑ CSP	□ 0&M	1	the of					
PSA/WO Issued:		Comp		☐ Other	☐ Bonds	74 / T						
Final Proposal Docs:		FY 202			☑ R&R							
Proposals/Bids Receive	ed:	FY 202			☐ Other							-
Constr. Contract to Boa		FY 202				A CONTRACTOR		MY TANK	STATE OF		100	
Substantial Completion		FY 202		☑ Capitalized	☐ Expensed			A COMPANY				
BUDGET*	TOTAL	PREVIOUS	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
		\$ 8,560		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design	\$ 69,659		\$ 5,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ 201,000	\$ -	\$ 201,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CPS, CM&I, and CMT	\$ 20,000	\$ -	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 299,219	\$ 73,219	\$ 226,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

^{*}Budget includes contingency.

PROJECT NAME					PROJ	ECT ID	FISCA	L YEAR		DIV	SION	
Middle Canal Culvert F	Replacement			1		ICCR		-2024			lands	
PROJECT DESCRIPTION								PROJI	ECT MAP/PIO			
The Middle Canal Culvert is structure allows for the rai Highlands Reservoir. Addit Hill Road to the Highlands and installation of erosion structure. This project is ne access to the reservoir from Project to be designed and	s located on the sing of the ups ionally, the driv Reservoir. This protection in the eded to assist in the north.	tream water surf veway crossing the project consists ne form of riprap in operations of	ace elevation nis structure p of the replace o upstream an	to push water provides access ement of the cu d downstream	into the from Barber's lvert and gate of the			PROJE	N. J.	CIUNE		
PROJECT SCHEDULE				DELIVERY	FUNDING	1						N. WA
Initiate Cons. Selection	:	Compl	eted	☑ CSP	□ 0&M			1			大型性	
PSA/WO Issued:		Compl	eted	☐ Other	☐ Bonds	$\mu > -$		2	1		X	
Final Proposal Docs:		FY 2023	3 - Q4		☑ R&R		W is					
Proposals/Bids Receive	ed:	FY 2023	3 - Q4		☐ Other				4			
Constr. Contract to Boa	ard:	FY 2023	3 - Q4			A Comment				HARFA	of the last	A TANK
Substantial Completion	n:	FY 2024	l - Q2	☑ Capitalized	☐ Expensed		E-y-1				A DANGE	加工
BUDGET*	TOTAL	PREVIOUS	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Planning/Permitting/PER	\$ 10,350	\$ 10,350 \$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design	\$ 37,035	\$ 37,035	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ 100,000	\$ - \$	100,000	\$ -	\$ -	-	 \$ -	\$ -	\$ -	\$ -	\$ -	 \$ -
CPS, CM&I, and CMT	\$ 10,000	\$ - \$	10,000	\$ -	\$ -	-	 \$ -	\$ -	\$ -	\$ -	\$ -	\$ - .
Land Acquisition	\$ -	Ş - Ş	-	\$ -	\$ -	-	Ş -	\$ -	S -	\$ -	\$ -	\$ -
Equipment Purchase	\$ -	\$ - \$	-	\$ -	Ş -	Ş <u>-</u>	\$ -	Ş -	\$ -	Ş -	\$ -	\$ -
Total	\$ 157,385	\$ 47,385	110,000	Ş -	Ş -	Ş -	ļ\$ -	Ş -	Ş -	Ş -	Ş -	Ş -

^{*}Budget includes contingency.

PROJECT NAME	PROJI	ECT ID	FISCAL YEAR	DIVISION
North Reservoir Culvert Replacement	HN	RCR	2023-2024	Highlands
DROIECT DESCRIPTION			PROL	FCT MAD/DICTLIRE

The North Reservoir Culvert is the only hydraulic connection between the North Reservoir and the Highlands Canal System. This allows the Division to utilize the North Reservoir for additional storage capacity. The culvert crossing location has become eroded over time and is impeding access. Additionally, the gate controlling the flow of water between the reservoir and they canal system is not able to be safely operated. This project consists of the replacement of the existing culvert and gate along with regrading and installation of erosion protection along the levee.

This project is necessary to continue the use of the North Reservoir for storage and to maintain the integrity of the levee. Project to be designed and constructed with HMCCR.

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PROJECT SCHEDULE					DELIVERY	FUNDING					94		
Initiate Cons. Selection	1:		Comp	oleted	☑ CSP	□ 0&M			特別	1. 微性的	- 4	A. T. See	
PSA/WO Issued:			Comp	oleted	☐ Other	☐ Bonds							
Final Proposal Docs:			FY 202	23 - Q4		☑ R&R	经验 大金米。		W E	1-1-X-8	THE STREET		2
Proposals/Bids Receive	ed:		FY 202	23 - Q4		☐ Other	集				1		
Constr. Contract to Boa	ard:		FY 202	23 - Q4				去是不知	S. H. Marcel		THE RESERVE OF THE PERSON OF T	原题2 英	M.
Substantial Completion	า:		FY 202	24 - Q2	☑ Capitalized	☐ Expensed		第12	,可以对象	学是正是			
BUDGET*	то	TAL	PREVIOUS	2024	2025	2026	2027	2028	2029	2030	2031	2032	2
Planning/Permitting/PER	\$	9,360	\$ 9,360	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$
Engineering/Design	\$	37,035	\$ 37,035	\$ -	\$ -	\$ -	· \$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$
Construction	\$ 1	.00,000	\$ -	\$ 100,000	\$ -	\$	· \$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$
CPS, CM&I, and CMT	\$	10,000	\$ -	\$ 10,000	\$ -	\$.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$
Land Acquisition	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$
Equipment Purchase	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$
Total	\$ 1	56.395	\$ 46.395	\$ 110.000	Ś -	Ś.	Ś-	Ś-	Ś -	\$ -	Ś -	Ś -	Ś

^{*}Budget includes contingency.

PROJECT NAME			PROJ	ECT ID	FISCA	L YEAR		DIVI	SION	
Lake Houston Pump Station Campus Ir	mprovements		HP:	SOR	2020	-2024		High	lands	
PROJECT DESCRIPTION						PROJI	CT MAP/PIO	CTURE		
The Lake Houston Pump Station (LHPS) was pan adjacent SJRA owned residence. The Highls station to be able to be operated remotely wheresidence is longer needed. However, there is emergency operations. This project includes center at the LHPS site. The existing on-site rethe scope of this Project. Installation of new uncompleted. Project planning included a master structure locations, proposed SCADA tower location to place the proposed remote operationstruction package during preliminary and under normal operations, the LHPS is planned on-site operator(s) at the LHPS will be station provide for localized operational ability, routing	lands Division has initiated a there a permanent on-site of s still a need to provide on- construction of a new multi esidence is in disrepair and utilities (septic, water well, er plan study of the LHPS sit ocation, and potential location he master plan study deterrations center (ROC) which we final design.	a transition of operator and as site operator(s i-purpose remowed will be demolised etc.) will need the and considerions for a new mined the mos as then develor develors operations ce	the pump ssociated c) during ote operations shed under to be red existing LHPS t feasible oped into a	(1)	STAFF OFFICE 101 34-7 1HOLE BARRIE 1 HOLE BARRIE 24-4/	CONTROL ROOM 108 B OCCUPANCY	1 HOUR FREE		SWITCH GEAR 110 S2 OCCUPANCY	3
PROJECT SCHEDULE		DELIVERY	FUNDING		STAFF OFFICE		000			iT
Initiate Cons. Selection:	Completed	☑ CSP	□ 0&M			* +	4.4	•	₩ MC	
PSA/WO Issued:	Completed	☐ Other	☐ Bonds	(B)						-
Final Proposal Docs:	Completed		☑ R&R	1		ν				i
Proposals/Bids Received:	Completed		☐ Other	ļ				Z		
Constr. Contract to Board:	FY 2023 - Q2									
Substantial Completion:	FY 2024 - Q2	☑ Capitalized	☐ Expensed							
BUDGET* TOTAL PF	REVIOUS 2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Planning/Permitting/PER \$ 136,508 \$	136,508 \$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design \$ 366,673 \$	366,673 \$ -	Ş -	Ş -	Ş -	Ş -	Ş -	Ş -	\$ -	Ş -	Ş -
	1,825,133 \$ 1,344,000	Ş -	Ş -	Ş -	Ş -	Ş -	Ş -	Ş -	Ş -	Ş -
CPS, CM&I, and CMT \$ 479,453 \$	279,453 \$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition \$ - \$	- \$ -	> -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Purchase \$ - \$	- \$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total \$ 4,151,767 \$	2,607,767 \$ 1,544,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

^{*}Budget includes contingency.

PROJECT NAME					PROJ	ECT ID	FISCA	L YEAR		DIV	ISION	
Main Canal Improvem	ents - Lake H	ouston Pump	Station to S	Siphon 6	НМ	LRN	2015-2018	/2023-2024		High	nlands	
PROJECT DESCRIPTION								PROJ	ECT MAP/P	ICTURE		
The results of the preliminal observations of the Main C segment to reliably convey 2016, the relocation of a peliminated the need for the removed by in-house staff removal has not eliminated segment and repair eroded conveyance of current and developed 90% Drawings a overall cost of the project of this project. Note that the final design package for This area has been identification modeling has shown bank Customer demand increase system, and provide appro	canal physical control increased and rivate pipeline ese three (3) singuistres part of a stand the need for increased and the need for increased Specification and the removance previous desorthe installed where the installed sovertopping at ess. This project	onditions, recor potential future below the canal phon crossings. ndalone project mprovements re de increased flow eased flow demans for this project al of Siphons 3, 4 sign costs shown water control gas ic restriction in the increased flows twill increase the	mmends impro e flow demand at three locati In 2017, the th However, the equired to reco ow capacity and ands. SJRA's de act. Construction 4, and 5 in-hou in for this project ates at Siphon of the Highlands S that could be be capacity, rel	evements to this to SJRA's cust ions (Siphons 3 aree (3) crossing e pipeline reloctions the call of flow reliabilities on has been deluse have reduced to include costs 6.	s canal levee comers. In , 4, and 5) gs were ation/siphon nal levee y for canal t has ayed due to ed the priority incurred for hydraulic o Industrial	Lake Housto		Sipho	n 3 Mair S-Olamonol	Siphon	Sipho 4	n 5
PROJECT SCHEDULE				DELIVERY	FUNDING					EAD BLIC	1.	
Initiate Cons. Selection	:	Comp		☑ CSP	☑ 0&M	建筑 侧线					/	
PSA/WO Issued:		FY 202	•	☐ Other	☑ Bonds			SERV.				
Final Proposal Docs:		FY 202			☑ R&R				\setminus			
Proposals/Bids Receive		FY 202			☐ Other		THE STATE OF				THE WAR	
Constr. Contract to Boa	ard:	FY 202	3 - Q3		2015 TWDB		A TOP					
Substantial Completion	1:	FY 202	4 - Q2	☑ Capitalized	☐ Expensed		18 / W			沙林 [1]		
BUDGET*	TOTAL	PREVIOUS	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Planning/Permitting/PER	\$ 1,374,258	\$ 1,374,258	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design	\$ 376,482	\$ 376,482	\$ -	Ş -	\$ -	\$ -	\$ -	\$ -	\$ ·	- \$ -	\$ -	\$ -
Construction	\$ 6,211,000	\$ -	\$ 6,211,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	- \$ -	\$ -	\$ -
CPS, CM&I, and CMT	\$ 311,000	> -	\$ 311,000	, -	, -	> -	> -	> -	\$ ·	- > -	۶ - د	, -
Land Acquisition	>	\$ -	^	\$ -	\$ -	\$ -	\$ -	\$ -	\$ ·	- \$ -	\$ -	\$ -
Equipment Purchase	\$ -	\$ - \$ 1.750.740	\$ -	> -	\$ -	\$ -	\$ -	> -	\$ ·	- > -	\$ -	\$ -
Total	\$ 8,272,740	\$ 1,750,740	\$ 6,522,000	۶ -	۶ -	۶ -	\$ -	Ş -	ζ.	- \$ -	Ş -	\$ -

^{*}Budget includes contingency.

PROJECT NAME	PROJEC	CT ID	FISCAL	. YEAR	DIVISION						
South Canal Levee Improvements between Siphon 37 and Customer	HSC	HSCLS 2016/2023-2026 Highlands									
PROJECT DESCRIPTION				PROJE	CT MAP/PIO	TURE					
South Canal levee improvements within the project limits are anticipated to includ of levee raising and widening and interior/exterior slope regrading and/or slope pr Improvements will provide additional canal capacity by providing adequate freebo customer demands up to 80 MGD and canal levee slope stability. Existing levee to extend beyond existing SJRA easements in some locations. As part of the final desi should be determined whether it is the preference of SJRA to extend its easements existing and future levee extents, or to simply prepare an agreement with the Indu that allows the levees to extend beyond the easements, and allows SJRA to perform maintenance in these areas. Coordination with Industrial Customer is required to a path forward for easements/access agreements and what extent of levee modifica PER was performed in-house by SJRA staff, with assistance from Texas Water Engir Project is assumed to be schedule to be constructed in conjunction with Siphon 39 (HSI39).	otection. and for future es along this reach gn process, it to encapsulate strial Customer n any necessary determine the tions are desired. eering.		Siphon 37	Industrii Gustom	o o						
PROJECT SCHEDULE DELIVER		1600						一个大学			
Initiate Cons. Selection: Completed □ CSP	□ 0&M	100	1 / //		编制性		15	1000			
PSA/WO Issued: Completed □ Other	☑ Bonds					Baytown	Marian Wil				
Final Proposal Docs: FY 2025	☑ R&R			多 人。第三				则上静 梦想到			
Proposals/Bids Received: FY 2025	☑ Other				100000	146		19 经验证			
Constr. Contract to Board: FY 2025	TWDB Bond		A STATE OF								
Substantial Completion: FY 2026 ☐ Capitalize				The said			No.	河。自然的心态			
BUDGET* TOTAL PREVIOUS 2024 2025	2026	2027	2028	2029	2030	2031	2032	2033			
Planning/Permitting/PER \$ 277,661 \$ 277,661 \$ - \$ Engineering/Design \$ 340,500 \$ 87,500 \$ 253,000 \$	- \$ - \$ - \$ - \$? <u>- </u>	\$ - \$ _	\$ - \$ -	\$ - \$ -	\$ -	\$ -	\$ - ¢ _			
Construction \$ 627,000 \$ - \$ - \$ 510,0	00 \$ 117,000 \$	<u> </u>	\$ -	\$ -	\$ -	ś -	ś -	\$ \$			
CPS, CM&I, and CMT \$ 32,000 \$ - \$ - \$ 26,0		l	s -	\$ -	\$ -	\$ -	s -	\$ -			
Land Acquisition \$ - \$ - \$	- 5	ξ <u>-</u>	· \$ -	\$ -	\$ -	, \$ -	s -	ς <u>-</u>			
Equipment Purchase \$ - \$ - \$	- s - s	ξ <u>-</u>	š .	\$ -	\$ -	\$ -	Ś -	\$ -			
Total \$ 1,277,161 \$ 365,161 \$ 253,000 \$ 536,0	00 \$ 123,000 \$	5 -	, \$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
*Budget includes contingency.	,,						•	•			

[&]quot;Budget includes contingenc

PROJECT NAME					PROJI	ECT ID	FISCA	L YEAR		DIVI	SION	
Siphon 39 Improveme	ents				HS	139	2023	-2026		High	lands	
PROJECT DESCRIPTION	V							PROJ	ECT MAP/PI	CTURE		
Project includes removal c and replacement with new Industrial Customer prope Project required due to ag	or abandonmen v dual siphons, erty.	and headwalls	and appurtena	nces at a road c								
PROJECT SCHEDULE				DELIVERY	FUNDING							
Initiate Cons. Selection	า:	Comp	leted	☑ CSP	□ 0&M	BENEFA .			1	Test #55	西雪 國際	
PSA/WO Issued:		-	oleted	☐ Other	☐ Bonds	ME S			200	A 100	Section Ass	
Final Proposal Docs:		-	.025		☑ R&R				Section 1	A	-	Date 1. 18
Proposals/Bids Receive	ed:		.025		☑ Other				No of the local		55/12	AND ME
Constr. Contract to Bo		FY 2	.025	İ	İ				1 (88)			
Substantial Completion	n:	FY 2	.026	☑ Capitalized	☐ Expensed	THE STATE OF THE S	200		118		100	
BUDGET*	TOTAL	PREVIOUS	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Planning/Permitting/PER		\$ 233,059		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design	\$ 430,000	\$ 110,000	\$ 320,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ 5,376,000	\$ -	\$ -	\$ 4,002,000			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CPS, CM&I, and CMT	\$ 269,000	\$ -	\$ -	\$ 200,000	\$ 69,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition Equipment Purchase	> - 6	> - c	۶ - د	> - c	۶ - د	- د	- د	۶ د	۶ - د	> - c	> - c	۶ - د
Total	\$ 6,308,059	\$ 343,059	\$ 320,000	\$ 4,202,000	\$ 1,443,000	- د -	- د -	- د -	- د د	- د -	- خ -	- خ -
1000	7 0,300,033	y J+J,UJJ	7 320,000	7,202,000	7 1,773,000	<u> </u>	<u> </u>	<u> </u>	-	- -	- -	- -

*Budget includes contingency.

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Highlands Emergency Operations Center Generator Replacement	HEOCG	2024	Highlands

PROJECT DESCRIPTION

The existing generator at the Highlands Emergency Operations Center was installed during building's construction in 2013. The generator supplies emergency power to the EOC which acts as the Division's central operating center during inclement weather events. Due to its current condition and continuing mechanical issues encountered by the Division, it has been identified that the generator is in need of replacement. The existing generator is a 3 phase Kohler 125KW 480V natural gas generator. The replacement generator will be the same size with a sound dampening enclosure.

PROJECT SCHEDULE				DELIVERY	FUNDING							
Initiate Cons. Selection	ղ:	FY 202	24 - Q1	□ CSP	□ 0&M				34			
PSA/WO Issued:		FY 202	24 - Q1	☑ Other	☐ Bonds	The state of the s				-		
Final Proposal Docs:		FY 202	24 - Q2		☑ R&R							
Proposals/Bids Receive	ed:	FY 202	24 - Q3		☐ Other		-					
Constr. Contract to Box	ard:	FY 202	24 - Q3	Quotes								
Substantial Completion	n:	FY 202	24 - Q4	☑ Capitalized	☐ Expensed							
BUDGET*	TOTAL	PREVIOUS	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Planning/Permitting/PER	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design	\$ 8,000	\$ -	\$ 8,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ 80,000	\$ -	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CPS, CM&I, and CMT	\$ 8,000	\$ -	\$ 8,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

^{*}Budget includes contingency.

Total

96,000

96,000 \$

19 02/28/2023

PROJECT MAP/PICTURE

KOHLER

PROJECT NAME					PROJ	ECT ID	FISCA	YEAR	EAR DIVISION						
Water Conservation and	Drought C	ontingency P	lans		HD	CDC	2024,	/2029		High	lands				
PROJECT DESCRIPTION								PROJI	CT MAP/PIC	TURE					
Project includes the develop Drought Contingency Plans f Environmental Quality (TCEC be updated every five (5) yea Project is necessary to comp	or the Highla () regulations ars.	nds Division. Ac , Water Conserv	cording to Tex	cas Commission	on	Lake Houston		rosby		Towns I					
	y with reliq	requirements.					90	Main Canal Highlands	Highlands Reservoir	East Canal					
PROJECT SCHEDULE				DELIVERY	FUNDING		1000		330	TO THE REAL PROPERTY.		*			
Initiate Cons. Selection:		FY 2023 - Q		□ CSP	□ 0&M	10	. 3	· / / 3/2/8			0.0				
PSA/WO Issued:		FY 2023 - Q		☑ Other	☐ Bonds	CI	nannelview	11.		9					
Final Proposal Docs:		N/	Α		☑ R&R	Distance in the last	7	1							
Proposals/Bids Received	:	N/	Α		☐ Other										
Constr. Contract to Boar	d:	N/	Α	Professional		Elan (A STATE OF STATE OF				
Substantial Completion:		FY 2024 - Q	1/FY 2029	☐ Capitalized	☑ Expensed	105		7 4	1	10 / / X					
BUDGET*	TOTAL	PREVIOUS	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033			
Planning/Permitting/PER \$	52,000	\$ -	\$ 24,000	\$ -	\$ -	\$ -	\$ -	\$ 28,000	\$ -	\$ -	\$ -	\$ -			
Engineering/Design \$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
Construction \$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
CPS, CM&I, and CMT \$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
Land Acquisition \$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
Equipment Purchase \$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
Total \$	52,000	\$ -	\$ 24,000	\$ -	\$ -	\$ -	\$ -	\$ 28,000	\$ -	\$ -	\$ -	\$ -			

^{*}Budget includes contingency.

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
South Canal Transfer Pump Station Generator Replacement	HSCTG	2024-2026	Highlands

PROJECT DESCRIPTION

The existing generator at the South Canal Transfer Pump Station supplies emergency power to the transfer pump station, providing increased reliability and redundancy for supplying customers with water during power outages. Due to its current condition, it has been identified that the generator is in need of replacement. The existing generator is a 200 kW diesel generator. Evaluation of future pumping demands and the potential increase in required power for an additional pump will need to take place to ensure the new generator is appropriately sized. The existing generator is housed in the generator shed and changes in generator size based on increased capacity or conversion from diesel to natural gas may require the construction of a separate enclosure for the generator. Salvage value of the existing generator will be assessed upon replacement. Potential for reuse in a different location or Division.

PROJECT SCHEDULE		DELIVERY	FUNDING
Initiate Cons. Selection:	Completed	☑ CSP	□ 0&M
PSA/WO Issued:	Completed	☐ Other	☐ Bonds
Final Proposal Docs:	FY 2025		☑ R&R
Proposals/Bids Received:	FY 2025		☑ Other
Constr. Contract to Board:	FY 2025		
Substantial Completion:	FY 2026	☑ Capitalized	☐ Expensed

Substantial Completion	1:		FY 2	202	26	V	Capitalized	 J Expensed	19					1100		
BUDGET*	•	TOTAL	PREVIOUS		2024		2025	2026		2027	2028	2029	2030	2031	2032	2033
Planning/Permitting/PER	\$	-	\$ -	\$	-	\$	-	\$ -	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design	\$	26,000	\$ -	\$	26,000	\$	-	\$ -	\$	-	\$ -	\$ · -	\$ -	\$ -	\$ -	\$ -
Construction	\$	266,000	\$ -	\$	-	\$	266,000	\$ -	\$	-	\$ -	\$ · -	\$ -	\$ -	\$ -	\$ -
CPS, CM&I, and CMT	\$	27,000	\$ -	\$	-	\$	27,000	\$ -	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition	\$	-	\$ -	\$	-	\$	-	\$ -	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Purchase	\$	-	\$ -	\$	-	\$	-	\$ -	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$	319,000	\$ -	\$	26,000	\$	293,000	\$ -	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

21

02/28/2023

PROJECT MAP/PICTURE

^{*}Budget includes contingency.

PROJECT NAME		PROJE	ROJECT ID FISCAL YEAR DIVISION								
Structure 2 Improvements		HD	S2I	2024-	2025		High	lands			
PROJECT DESCRIPTION					PROJ	ECT MAP/PI	CTURE				
Structure 2 is the critical structure that allows water from the Main Canal t		-					200		6189		
Reservoir. The improvement project will involve the removal of the existing	-		la .								
replacement with new dual siphon pipes, concrete headwalls, electric actuand levee improvements and riprap placement near the intake and discha-									7-1		
and level improvements and riprap placement field the intake and discha-	inge structure	3.									
Project is required due to age, structural condition, and potential for failur	re of the exist	ing structure.									
Project is anticipated to be packaged with South Canal Levee Improvemen	nts between S	tructure 3									
and Siphon 24 (HL324) to achieve most efficient/lowest cost design and/or	r construction	ո.									
							AD COMPANY	December 1			
			THE PERSON NAMED IN	7 141	terialization and	tela di propini	TO BOULD BY	The state of the s	Y		
							No. of Concession, Name of Street, or other Persons, Name of Street, or ot		No. of Lot		
			The same of the sa								
					THE RESERVE						
								-4.77(10)	od-		
				美国家							
									-		
									The same		
PROJECT SCHEDULE [DELIVERY	FUNDING		ALE SE							
Initiate Cons. Selection: FY 2023 - Q4	☑ CSP	□ 0&M									
PSA/WO Issued: FY 2024 - Q1	☐ Other	☐ Bonds	2			11/4/200					
Final Proposal Docs: FY 2024 - Q4		☑ R&R	9								
Proposals/Bids Received: FY 2024 - Q4		☐ Other							Total Control		
Constr. Contract to Board: FY 2024 - Q4											
Substantial Completion: FY 2025	☑ Capitalized	☐ Expensed			The 148	是基本是					
BUDGET* TOTAL PREVIOUS 2024	2025	2026	2027	2028	2029	2030	2031	2032	2033		
Planning/Permitting/PER \$ 66,000 \$ - \$ 66,000 \$		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Engineering/Design \$ 133,000 \$ - \$ 133,000 \$		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Construction \$ 1,368,000 \$ - \$ - \$, , ,	\$ -	\$ - ¢	-	\$ -	\$ -	\$ -	\$ -	\$ - 6		
CPS, CM&I, and CMT	68,000	-	- -	۶ - <u> </u>	- د	- د	۽ -	> -	۶ - د		
Land Acquisition \$ - \$ - \$ - \$ Equipment Purchase \$ - \$ - \$	-	۶ - ا د	- د	- ا د	۶ - د	ا ج	٦	ا ج	- د		
Total \$ 1,635,000 \$ - \$ 199,000 \$	1,436,000	- د -	\$ -	\$ - \$ -	, -	\$ -	\$ -	\$ -	γ - ς -		
*Budget includes contingency.	1,430,000	-	7	<u> </u>	-	<u> </u>	<u> </u>	14	7		

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
South Canal Levee Improvements between Structure 3 and Siphon 24	HL324	2016-2019/2024-2025	Highlands

Structure 3

PROJECT DESCRIPTION PROJECT MAP/PICTURE

Based on the 2017 Preliminary Engineering Report for the project, performed in-house with assistance from Texas Water Engineering, recommendations for improvements include levee raising and widening, and interior/exterior slope regrading and slope protection. Improvements will provide additional canal capacity (to provide more flexibility in meeting future customer needs) and canal levee stability. Hydraulic analyses have shown that this reach of the South Canal includes potential capacity restricting levee issues, especially under certain operating conditions at potential future higher flow demand rates. Field observations have also shown severe erosion of canal side slopes, which jeopardizes levee stability.

Project is necessary due to the extensive erosion within this canal segment and to increase flow capacity of the South Canal by raising portions of the levees. Project is anticipated to be packaged with Structure 2 Improvements (see sheet HDS2I) to achieve most efficient/lowest cost design and/or construction.

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PROJECT SCHEDULE				DELIVERY	FUNDING			THE REAL PROPERTY.		THE PERSON	五百 4	1 選號
Initiate Cons. Selection	1:	FY 20	23 - Q4	☑ CSP	☑ 0&M		3 1			THE REAL PROPERTY.	E SIG	力十選階
PSA/WO Issued:		FY 20	24 - Q1	☐ Other	☑ Bonds	,抵抗論。	40		- Maria	E Wallis	ville Rd	T 3 15 17
Final Proposal Docs:		FY 20	24 - Q4		☑ R&R	5個別題	- Block & W. W.	-	EKPE			177
Proposals/Bids Receive	ed:	FY 20	24 - Q4		☐ Other		美国的		29 - Flag	VAN ES	Contract of the contract of th	· 随 []
Constr. Contract to Bo	ard:	FY 20	24 - Q4		2015 TWDB	3	南建學的	2000年	50_0			
Substantial Completion	n:	FY:	2025	☑ Capitalized	☐ Expensed		是是	200		W	2. 超工艺艺艺	
BUDGET*	TOTAL	PREVIOUS	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Planning/Permitting/PER	\$ 171,851	\$ 100,851	\$ 71,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design	\$ 237,000	\$ -	\$ 237,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ 2,436,000	\$ -	\$ -	\$ 2,436,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CPS, CM&I, and CMT	\$ 122,000	\$ -	\$ -	\$ 122,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
l- ·	۱,	<u>^</u>	اخ	١d	lċ	ċ	l c	le	ċ	ċ	ا د	¢ _
Equipment Purchase	Ş -	\$ -	Ş -	-	- ۲	- ب	-		- ب	-	- ب	- ب

 $^{{\}bf *Budget\ includes\ contingency}.$

23 02/28/2023

Siphon 24

PROJECT NAME	PROJECT ID	FISCAL YEAR	DIVISION
Lake Houston Pump Station Pump and Motor Replacement	HPSEV	2024-2026	Highlands

PROJECT DESCRIPTION

Project includes an evaluation of the existing Lake Houston Pump Station pumps, motors, and electrical equipment. The existing pumps and motors have been rehabilitated multiple times in the past. Most recent rehabilitations have occurred for Pump No. 1 in 2019, Pump No. 2 in 2015, Pump No. 3 in 2015 and Pump No. 4 in 2018. Rehabilitation is becoming increasingly costly due to the overall age of the pump and motors. Currently, motors are operated using a 2400 volt power supply. During the replacement of pumps and motors it is proposed to transition the pump station to operate off of 480 volts.

The Lake Houston Pump Station facility, piping, and pumping system was constructed in 1955 and is in various degrees of disrepair. the pumps and motors are reaching the end of their expected service life. Replacement of pumping equipment will ensure raw water contracted demands can be reliably met.

PROJECT SCHEDULE							L	PELIVERI	•	DINIDING	. 160		The state of the last		Chenic Mica
Initiate Cons. Selection	۱:			FY 202	24	- Q2	v	l CSP		□ 0&M			The same		-
PSA/WO Issued:				FY 202	24	- Q2		Other		Bonds			Million and	No.	
Final Proposal Docs:				FY 2	02	.5			[☑ R&R					
Proposals/Bids Receive	ed:	:		FY 2	02	.5				☐ Other					
Constr. Contract to Bo	ar	d:		FY 2	02	!5								ji.	4
Substantial Completion	n:			FY 2	02	16		Capitalized	Ŀ	2 Expensed			1		
BUDGET*		TOTAL	PR	EVIOUS		2024		2025		2026		2027	2028	Τ	2029
Planning/Permitting/PER	\$	198,000	\$	-	\$	198,000	\$	-	\$	-	\$	-	\$ -	\$; -
Engineering/Design	\$	408,000	\$	-	\$	-	\$	408,000	\$	-	\$	-	\$ -	\$; -
Construction	\$	4,206,000	\$	-	\$	-	\$	-	\$	4,206,000	\$	-	\$ -	\$	-

198,000

DELIVERY FUNDING

408,000

210,000

\$ 4,416,000

CPS, CM&I, and CMT

Land Acquisition
Equipment Purchase

Total

210,000

\$ 5,022,000

PROJECT SCHEDULE



2030

2031

2032

2033

PROJECT MAP/PICTURE

^{*}Budget includes contingency.

PROJECT NAME			PROJ	ECT ID	FISCA	L YEAR		DIVI	SION					
Main Canal Levee Improvements - S	iphon 6 to Highlands Re	servoir	HⅣ	1LRS	2023-2025	/2030-2032		High	lands					
PROJECT DESCRIPTION						PROJ	ECT MAP/PIC	Highlands Highlands Highlands Reservoir						
Based on the 2016 Highlands Division Cana System Capacity Alternative Improvements rehabilitation between Siphon 6 and the Hielevate the levees to provide additional hys SJRA Technical Services Department staff p System on an annual basis. The Main Canal determine extents of the observed levee en Hydraulic analyses have shown that this reallevee issues, especially at potential future halso been identified along this segment of clevees within this segment will ensure relia Reference CIP sheets HSI16, HSI17 and HS1 the canal.	s Analysis, the Main Canal refighlands Reservoir to repair a draulic capacity to meet futurerform field investigations the levee conditions are documerosion and help develop prior each of the canal includes potentials are conveyance of raw water ble conveyance of raw water	nabilitation will and prevent ero re customer floor required and revierity of repair seential capacity ds. Significant ero rements to to meet custo	include levee osion and ow demands. Highlands ewed to help octions. restricting erosion has he canal mer demands.		Siph	on 6 2100 Main Canal		1942						
PROJECT SCHEDULE		DELIVERY	FUNDING		17/10	- C				7				
Initiate Cons. Selection:	FY 2022 - Q4/FY 2029	☑ CSP	□ 0&M		13 6 To C	210	00 (6) (0)	B 4 1000 1000	100	W. Commonwood				
PSA/WO Issued:	FY 2022 - Q4/FY 2030	☐ Other	☐ Bonds					177	12 12	-				
Final Proposal Docs:	FY 2024 - Q4/FY 2031		☑ R&R					Highlan	ds	5/4				
Proposals/Bids Received:	FY 2024 - Q4/FY 2031		☐ Other		A	The same of		Reservo	ir	/A 100				
Constr. Contract to Board:	FY 2024 - Q4/FY 2031				THE PARTY NAMED IN	The state of the s		5	PALIN					
Substantial Completion:	FY 2025/FY 2032	☑ Capitalized	☑ Expensed	Wa .	MANUEL S.	March 18		AND REAL PROPERTY.	A SHAP					
	PREVIOUS 2024	2025	2026	2027	2028	2029	2030	2031	2032	2033				
Planning/Permitting/PER \$ 375,000 \$		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 288,000	\$ -	\$ -	\$ -				
Engineering/Design \$ 387,000 \$	\$ 90,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 297,000	\$ -	\$ -				
Construction \$ 3,980,000 \$	5 - \$ -	\$ 923,000	Ş -	Ş -	Ş -	Ş -	Ş -	Ş -	\$ 3,057,000	Ş -				
CPS, CM&I, and CMT \$ 199,000 \$	- \$ -	\$ 46,000	\$ -	Ş -	\$ -	Ş -	\$ -	\$ -	\$ 153,000	\$ -				
Land Acquisition \$ - \$	5 - 5	\$ -	\$ -	\$ -	Ş -	\$ -	\$ -	\$ -	Ş -	\$ -				
Equipment Purchase \$ - \$	- 5 -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -				
Total \$ 4,941,000 \$	\$ 87,000 \$ 90,000	\$ 969,000	\$ -	Ş -	Ş -	\$ -	\$ 288,000	\$ 297,000	\$ 3,210,000	\$ -				

^{*}Budget includes contingency.

PROJECT NAME	PROJ	ECT ID	FISCAL	YEAR		DIVI	ISION	
Garth Road Siphon Improvements	HG	ART	2026-	-2028		High	lands	
PROJECT DESCRIPTION				PROJ	ECT MAP/PI	CTURE		
Harris County initially planned to widen Garth Road in 2011 which would have requreconstruction of the existing siphon to accommodate a widened roadway. The roat the replacement of the siphon was postponed. Garth Road was widened in 2021, but not replaced. This siphon project will increase siphon capacity and reliability as well control gates to maintain a specific water surface elevation and upstream storage of canal. The project will include the removal or abandonment of the existing siphon appurtenances, and replacement with new dual siphons, headwalls, water control appurtenances. The project may require utility relocations and tunnel construction. Project required due to age, structural condition, and potential for failure of existing siphons.	adway project and ut the siphon was I as provide water volume in the pipe, and gates, and methods.			PROJ	ECI MAP/PI	LIORE		
PROJECT SCHEDULE DELIVER	RY FUNDING							
Initiate Cons. Selection: 2026	□ 0&M						VENE	
PSA/WO Issued: 2026 □ Other	☐ Bonds				-		是一次发生	
Final Proposal Docs: 2027	☑ R&R					She she		HOW I
Proposals/Bids Received: 2027	☐ Other				1 11	TOWN		
Constr. Contract to Board: 2027					11/4	MAN WAS		W.
Substantial Completion: 2028 ☑ Capitalize	d 🗆 Expensed				I ha			
BUDGET* TOTAL PREVIOUS 2024 2025	2026	2027	2028	2029	2030	2031	2032	2033
Planning/Permitting/PER \$ 219,664 \$ 29,664 \$ - \$ 190,0 Engineering/Design \$ 390,000 \$ - \$ - \$ \$ - \$ Construction \$ 4,021,000 \$ - \$ - \$ \$ - \$ CPS, CM&I, and CMT \$ 201,000 \$ - \$ - \$ \$ - \$ Land Acquisition \$ - \$ - \$ - \$ \$ - \$ \$ - \$ Equipment Purchase \$ - \$ - \$ - \$ \$ - \$ \$ - \$	- \$ 390,000 - \$ - - \$ - - \$ -	\$ - \$ 4,021,000 \$ 201,000 \$ - \$ -	- - - - - - - - -	- \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ -
Total \$ 4,831,664 \$ 29,664 \$ - \$ 190,0 *Budget includes contingency.	00 \$ 390,000	\$ 4,222,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

PROJECT NAME					PROJ	ECT ID	FISCAI	L YEAR		DIVI	SION	
Highlands Reservoir E	mergency Ac	tion Plan			HD	EAP	2025,	/2030		High	lands	
PROJECT DESCRIPTION	V							PROJI	ECT MAP/PIC	TURE		
Project includes developm (EAP) for Highlands Reserv Environmental Quality (TC with TCEQ requirements, or Project is necessary to con	nent of a 2025 a voir Dam. Proje EQ), facilitating developing an A	ct involves coo a customized I fter Action Rep	rdination with a	Texas Commissi op exercise in co	on on ompliance	EOC	tructure E CANALRE			lighland Reservoi	Structur	e 4
PROJECT SCHEDULE				DELIVERY	FUNDING		DUSTON ST	Siph	on 24		Spillwa	У
Initiate Cons. Selection	· · ·	EV 2024 (Q4/FY 2029	□ CSP	□ O&M					FE. WALLISY	TILLE RD	
PSA/WO Issued:	1.	FY 2024 - C		☐ CSP	☐ Bonds		100 ST 10		国上 企业		一点/包裹	
1				☑ Other	□ Bonds □ R&R		是的这是					
Final Proposal Docs:	1.		/A			1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	民主要是	9	阿拉斯斯		亚克里子	
Proposals/Bids Receive			/A /A		☐ Other	A CENT		92	Z O The l		As are Asset	
Constr. Contract to Box		-		Professional		8 10 1 1 P						
Substantial Completion BUDGET*	TOTAL	PREVIOUS	/FY 2030 2024	☐ Capitalized	☑ Expensed	2027	2028	2029	2030	2031	2032	2033
Planning/Permitting/PER	\$ 142,000	¢	2024	\$ 65,000	2026	202 <i>1</i>	2026	2023 c	\$ 77,000	¢	2032 c	2033 c
Engineering/Design	\$ 142,000	<u>-</u>	š -	\$ 05,000	\$ -	š -	š -	š -	\$ //,000 \$	\$ -	[s -	- S
Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Š -	\$ -
CPS, CM&I, and CMT	\$ -	\$ -	; ;	\$ -	, \$ -	\$ -	\$ -	; ; -	\$ -	\$ -	\$ -	\$ -
Land Acquisition	\$ -	\$ -	; ;	\$ -	\$ -	\$ -	; ;	, \$ -	 \$ -	\$ -	; -	 \$ -
Equipment Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 142,000	\$ -	\$ -	\$ 65,000	\$ -	\$ -	\$ -	\$ -	\$ 77,000	\$ -	\$ -	\$
*Budget includes contingency							· · · · · · · · · · · · · · · · · · ·					

^{*}Budget includes contingency.

PROJECT NAME			PROJE	CT ID	FISCAL	. YEAR		DIVI	SION	
Highlands Reservoir Dam Inspection			ННІ	RDI	2026/	/2031		High	lands	
PROJECT DESCRIPTION						PROJE	ECT MAP/PIO	TURE		
Project includes inspection of the Highlands Rese per Texas Commission on Environmental Quality October 2020.										
Project is required to comply with TCEQ dam insp	pection requirements.									
PROJECT SCHEDULE		DELIVERY	FUNDING	N L L	16 100	See . 6	N. A.			
Initiate Cons. Selection:	,	□ CSP	□ 0&M	alt		LA				
PSA/WO Issued:	,	☑ Other	☐ Bonds		4	AL TO			是大学的	
Final Proposal Docs:	N/A		☑ R&R	1 1	The same of					
Proposals/Bids Received:	N/A		☐ Other	A Y			Victoria Na 3		N - I Lak	
Constr. Contract to Board:	N/A	Professional			大生物					10
Substantial Completion:	2026/2031	☐ Capitalized	☑ Expensed	A STATE OF THE STA	· 中二、中 0.60			SANYESTE		
BUDGET* TOTAL PREV	10US 2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Planning/Permitting/PER \$ 99,000 \$ Engineering/Design \$ - \$ Construction \$ - \$ CPS, CM&I, and CMT \$ - \$ Land Acquisition \$ - \$ Equipment Purchase \$ - \$	- \$ - \$ - \$ - \$ - \$ - \$	-	\$ 46,000 \$ - \$ - \$ - \$ -	\$ - \$ \$ - \$ \$ - \$ \$ -	\$ - \$ \$ - \$ \$ -	\$ - \$ \$ - \$ \$ -	\$ - \$ \$ - \$ \$ - \$ \$ -	\$ 53,000 \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -
Total \$ 99,000 \$	- \$ - \$, - 	\$ 46,000	\$ -	\$ -	\$ -	\$ -	\$ 53,000	\$ -	\$ - \$ -

^{*}Budget includes contingency.

PROJECT NAME					PROJ	ECT ID	FISCA	L YEAR		DIVI	SION					
Emergency Operations	Center Imp	rovements				EOC		L-2025								
PROJECT DESCRIPTION									ECT MAP/PIC	Proposed Covered Equipment Storage Proposed Canopy Shop Office						
Project includes two phase improvements include site storage area, replacement storage. The proposed covenclosed storage building the ECTPS campus will included as a covered stop log improve Division stop log of The Highlands Division equespecially within the existing and stop log storage to the campus, and the replacem functionality of the available.	grading and dr of the existing ered storage at for small equip jude construction storage area with mobilization. dipment and man eng Emergency (2) e ECTPS campuse ent of the exist	rainage improve fuel pumps, and rea will be 40 ft a ment, and a veh on of a new buil ith a crane which atterials inventor Operations Cent s, modifying the ting covered stor	ments, replace I construction x 200 ft with a icle lift to self: ding for SCAD/ n will extend si y storage space er (EOC) buildi use of existing	ement of the ex of new chemics concrete slab, service 1-ton pi A storage and w top log seal life the is increasingly ing. By shifting g facilities on th	isting covered al and oil lockable ckup trucks. vorkspace as span and y limited, SCADA storage e EOC			Proposed Chemical Storage oposed Oil orage Proposed Fuel Facilit	Shop	Equipme Propos	nt Storage					
PROJECT SCHEDULE				DELIVERY	FUNDING	2 年	1 1. 3	b 1/1 3								
Initiate Cons. Selection	:	Compl		☑ CSP	□ 0&M	門である				1						
PSA/WO Issued:		Compl		Other	☐ Bonds	*		E Canal Rd		1						
Final Proposal Docs:		FY 202			☑ R&R		THE PARTY NAMED IN	2 2	We 4 2	3						
Proposals/Bids Receive	ed:	FY 202	4 - Q2		☐ Other		THE STATE OF THE S		100		A November	10				
Constr. Contract to Box	ard:	FY 202	4 - Q3			11			A A	7		al.				
Substantial Completion	ո:	FY 202	5 - Q3	✓ Capitalized	☐ Expensed	A VI	A 480		The same of the sa	THE THE		A SECTION AND A				
BUDGET*	TOTAL	PREVIOUS	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033				
Planning/Permitting/PER Engineering/Design Construction CPS, CM&I, and CMT Land Acquisition Equipment Purchase	\$ 73,880 \$ 321,000 \$ 2,651,000 \$ 265,000 \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	\$ 52,000 \$ - \$ -	\$ - \$ 2,131,000 \$ 213,000 \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	\$		\$ - \$ - \$ - \$ - \$ -				
Total	\$ 3,310,880	\$ 73,880	\$ 893,000	\$ 2,344,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -				

^{*}Budget includes contingency.

PROJECT NAME					PROJI	ECT ID	FISCAI	YEAR		DIV	ISION	
Siphon 21 Improveme	nts				HS	121	2026	-2028		High	nlands	
PROJECT DESCRIPTION					•			PROJI	ECT MAP/PI	CTURE		
Project includes removal o	r abandonmen	t of existing sip	hon pipes, hea	dwalls and app	urtenances,							
and replacement with new	dual siphons,	headwalls and	appurtenances	s, and potentiall	y water							
control gates, crossing a H	arris County Flo	ood Control Dis	trict drainage o	channel.								
Project is required due to a	age, structural o	condition, and p	potential for fa	ailure of existing	siphons.							
									mine		Maria	M. Balleton
						and the same						THE PARTY
						1					P.V.	
							4人人人					
						ALCOHOL:			MARKET !			
											ment of the latest	
						A PROPERTY OF	AND HELD THE REAL PROPERTY.				OF THE PERSON NAMED IN	
							- Common	[] []	Water Town	The same of the sa		
							企业	15				-
DDOLECT COLLEDING				DELIVEDY	FUNDING							
PROJECT SCHEDULE Initiate Cons. Selection		EV 3	2026	DELIVERY ☑ CSP	FUNDING □ 0&M							
PSA/WO Issued:			2026	☐ Other	☐ Bonds	Start All						
Final Proposal Docs:			2027	Li Other	□ Bonds □ R&R	第一种						
Proposals/Bids Receive	γų·		2027		□ Other							
Constr. Contract to Boa			2027		L other	THE RESERVE						
Substantial Completion			2029	☑ Capitalized	☐ Expensed				1/1 T			
BUDGET*	TOTAL	PREVIOUS	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	\$ 200,000		\$ -	\$ -	\$ 200,000		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design	\$ 412,000		\$ -	\$ -	\$ -	\$ 412,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ 4,248,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,248,000	\$ -	\$ -	\$ -	\$ -	\$ -
CPS, CM&I, and CMT	\$ 212,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 212,000	\$ -	\$ -	\$ -	\$ -	\$ -
Land Acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Purchase	\$ - \$ 5,072,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total					\$ 200,000	\$ 412,000	\$ 4,460,000	\$ -	Ś -			

^{*}Budget includes contingency.

PROJECT NAME		PROJE	CT ID	FISCAL	. YEAR	DIVISION Highlands					
Reservoir Levee Rehabilitation (East Side)		HES	SRL	2027-	-2028		High	nlands			
PROJECT DESCRIPTION					PROJI	ECT MAP/PIO	CTURE				
Significant erosion has been identified on a common levee between the I Harris County Flood Control District (HCFCD) drainage channel. This proje levee and improving the condition to prevent future erosion from occurr with HCFCD on this project. Project is necessary to repair levee erosion to provide for increased stabi	ect includes regions. SJRA will display	grading of the coordinate ee.	Highla	East Ca		ECT MAP/PIC	JUKE	HGFC Chann	D Drainage el		
PROJECT SCHEDULE	DELIVERY	FUNDING	Reserv	oir	AN U		A service ride &	EIG ORCH	ARD RD		
Initiate Cons. Selection: 2027	☑ CSP	□ 0&M	14-1	7.	No. THE STATE OF	1000	A TOP TO		11111		
PSA/WO Issued: 2027	☐ Other	☐ Bonds	100	NO.		The state of the s) m	建 克里尔	The factor		
Final Proposal Docs: 2027		☑ R&R		i joje	PARTY OF THE PARTY		an very		THE REAL PROPERTY.		
Proposals/Bids Received: 2027		☐ Other		MAN AND AND AND AND AND AND AND AND AND A	Carlot Land						
Constr. Contract to Board: 2027			Leve	e Rehab			THE STATE OF THE S	700	3 7 3		
Substantial Completion: 2028	☐ Capitalized	☑ Expensed			A CONTRACTOR OF THE PARTY OF TH		figure 1				
BUDGET* TOTAL PREVIOUS 2024	2025	2026	2027	2028	2029	2030	2031	2032	2033		
Planning/Permitting/PER \$ 53,000 \$ - \$ -	\$ -	\$ -	\$ 53,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Engineering/Design \$ 45,000 \$ - \$ -	\$ -	\$ -	\$ 45,000	\$ -	Ş -	\$ -	Ş -	\$ -	\$ -		
Construction \$ 152,000 \$ - \$ -	<u>-</u> ا	\$ - c	; ;	\$ 152,000	\$ - c	- د	\$ -	\$ -	\$ -		
CPS, CM&I, and CMT \$ 15,000 \$ - \$ -	> -	- -	-	\$ 15,000	> - c	- -	> -	-	- -		
Land Acquisition \$ - \$ - \$ - Equipment Purchase \$ - \$ - \$	၃ - ဇ	- خ	ع - اد	ې - د	- ا خ	- د	ا ح		۶ - د		
Total \$ 265,000 \$ - \$ - 5	<i>γ</i> -	\$ - \$ -	\$ 98,000	\$ 167,000	γ - ¢	\$ - \$ -	- د	\$ -	- د		
*Budget includes contingency.	-	7	7 20,000	y 107,000	-	7 -	<u> </u>	<u> </u>	-		

PROJECT NAME					PROJ	ECT ID	FISCA	YEAR		DIV	ISION	
Siphon 32 Improveme	nts					132	2027				ılands	
PROJECT DESCRIPTION								PROJ	ECT MAP/PIO			
Project includes removal o and replacement with new control gates, crossing Ced Project is required due to a Design and construction ar HSI33) and Siphon 34 Impr to achieve most efficient/ld	dual siphons, lar Bayou Lynch age, structural de anticipated to ovements (see	headwalls and a nburg Road. condition, and p o be completed sheet HSI34) d	oppurtenances potential for fa with Siphon 3	, and potentiall ilure of existing 3 Improvement	y water siphons. ss (see sheet							
PROJECT SCHEDULE				DELIVERY	FUNDING						116 1	
Initiate Cons. Selection	:	FY 2		☑ CSP	□ 0&M	100			大学		The state	
PSA/WO Issued:		FY 2		☐ Other	☐ Bonds	- 199			G- 1			
Final Proposal Docs:		FY 2	028		☑ R&R		是真的酸	别应在A等。		· XXX		
Proposals/Bids Receive	ed:	FY 2	028		☐ Other	AND THE	A NO	X F G F VA	经 多数企	网络沙里		
Constr. Contract to Boa	ard:	FY 2	028									19 N 19 3
Substantial Completion	n:	FY 2	029	☑ Capitalized	☐ Expensed		314/3	少人 美国		III (F) 首		
BUDGET*	TOTAL	PREVIOUS	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Planning/Permitting/PER	\$ 225,000		\$ -	\$ -	\$ -	\$ 225,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design	\$ 463,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 463,000	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ 4,773,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,773,000	\$ -	\$ -	\$ -	\$ -
CPS, CM&I, and CMT	\$ 239,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 239,000	\$ -	\$ -	\$ -	\$ -
Land Acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 5,700,000	\$ -	\$ -	\$ -	\$ -	\$ 225,000	\$ 463,000	\$ 5,012,000	\$ -	\$ -	\$ -	\$

^{*}Budget includes contingency.

PROJECT NAME					PROJI	ECT ID	FISCAI	. YEAR		DIV	ISION	
Siphon 33 Improvemen	nts				HS	133	2027-	-2030		High	llands	
PROJECT DESCRIPTION								PROJ	ECT MAP/PIC	TURE		
Project includes removal or with new dual siphons, headrainage channel. Project is required due to a Design and construction ar HSI32) and Siphon 34 Impr to achieve most efficient/ld	f existing sipho adwalls and app age, structural of the anticipated to ovements (see	condition, and o be completed sheet HSI34) d	ossing a Harris of potential for fai d with Siphon 3	County Flood Co ilure of existing 2 Improvement	ontrol District siphons. s (see sheet							7
PROJECT SCHEDULE				DELIVERY	FUNDING							
Initiate Cons. Selection	:		2026	☑ CSP	□ 0&M			性化學情				
PSA/WO Issued:		FY 2	2027	☐ Other	☐ Bonds			VIVA VALLE		R. Contract		
Final Proposal Docs:		FY 2	2028		☑ R&R	14 / 16 K			7/1/10/16/20		Mr -	
Proposals/Bids Receive	ed:	FY 2	2028		☐ Other		CH TO A					THY.
Constr. Contract to Boa	ard:	FY 2	2028			NEW YORK		0.2000000	Conference to		STATE OF THE PARTY	177
Substantial Completion	n:	FY 2	2030	☑ Capitalized	☐ Expensed	A STATE OF THE STA		RSHIII)			A Williams	
BUDGET*	TOTAL	PREVIOUS	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Planning/Permitting/PER		\$ -	\$ -	\$ -	\$ -	\$ 137,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Engineering/Design		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 282,000	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	\$ 2,947,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,452,000	\$ 1,495,000	\$ -	\$ -	\$ -
CPS, CM&I, and CMT	\$ 148,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 73,000	\$ 75,000	\$ -	\$ -	\$ -
Land Acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 3,514,000	\$ -	\$ -	\$ -	\$ -	\$ 137,000	\$ 282,000	\$ 1,525,000	\$ 1,570,000	\$ -	\$ -	\$ -

^{*}Budget includes contingency.

PROJECT NAME					PROJI	ECT ID	FISCAL	. YEAR		DIV	SION	
Siphon 34 Improveme	nts				HS	134	2027-	2030		High	lands	
PROJECT DESCRIPTION								PROJ	ECT MAP/PIC	TURE		
Project includes removal o with new dual siphons, hea Redell Road.												
Project is required due to a Design and construction ar HSI32) and Siphon 33 Impr to achieve most efficient/li	e anticipated to ovements (see	o be completed sheet HSI33) d	l with Siphon 3	2 Improvement	s (see sheet							
PROJECT SCHEDULE				DELIVERY	FUNDING		The Maria	The sale				
Initiate Cons. Selection	:	FY 2	026	☑ CSP	□ 0&M							
PSA/WO Issued:		FY 2	027	☐ Other	☐ Bonds	NEW YELL	AND AND A					
Final Proposal Docs:		FY 2	028		☑ R&R	州 苏州 加州	A Property of	MIIII				
Proposals/Bids Receive	d:	FY 2	028		☐ Other							
Constr. Contract to Boa	ard:	FY 2	028					八人	to to			
Substantial Completior	1:	FY 2	030	☑ Capitalized	☐ Expensed			MADE TO				
BUDGET*	TOTAL	PREVIOUS	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
O, O,	\$ 225,000		\$ -	\$ -	\$ -	\$ 225,000		\$ -	\$ -	\$ -	\$ -	\$
Engineering/Design Construction	\$ 463,000		\$ -	\$ -	\$ -	\$ -	\$ 463,000	\$ -	\$ -	\$ -	\$ -	\$
	\$ 4,916,000			i C			10 -	C	\$ 4,916,000		10	. C

225,000 \$

463,000 \$

CPS, CM&I, and CMT

Land Acquisition Equipment Purchase

Total

246,000 \$

\$ 5,850,000 \$

35 02/28/2023

\$ 5,162,000 \$

246,000 \$

^{*}Budget includes contingency.

PROJECT NAME			PROJI	ECT ID	FISCAI	YEAR		DIVI	SION	
Siphon 9 Improvements			HS	109	2029	-2032		High	lands	
PROJECT DESCRIPTION						PROJE	CT MAP/PIC	TURE		
Improvements will include siphon replace will include the removal or abandonment and replacement with dual siphons, head control gates. Due to low traffic volumes cut construction for a portion of the siphotunnel construction methods for the place. Project required due to age, structural co will also provide improved canal capacity	of existing siphon pipes, he walls and appurtenances, a on Crosby-Dayton Road, Ha on replacement, but the rail ement of dual siphon pipes.	eadwalls and appu nd potentially flow arris County may a Iroad track crossin illure of existing si	rtenances, n/water level allow for open- g will require phon. Project	Main Ca	nal		a Range Go			
PROJECT SCHEDULE		DELIVERY	FUNDING			K	10	A 1865		
Initiate Cons. Selection:	2029	☑ CSP	□ 0&M				1	1 11 2	16	7799
PSA/WO Issued:	2029	☐ Other	☐ Bonds			Contract of		111		3
Final Proposal Docs:	2030		☑ R&R			1120			1	
Proposals/Bids Received:	2030		☐ Other		1970				1 37 1	
Constr. Contract to Board:	2031				30				1	N A P
Substantial Completion:	2032	☑ Capitalized	☐ Expensed		AMERICA		NATURE OF	2 4		
BUDGET* TOTAL	PREVIOUS 2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
3, 3,	\$ - \$	- \$ -	\$ -	\$ -	\$ -	\$ 241,000	\$ 248,000	\$ -	\$ -	\$ -
Engineering/Design \$ 1,007,000	\$ - \$	- \$ -	\$ -	\$ -	\$ -	\$ -	\$ 496,000	\$ 511,000	\$ -	\$ -
Construction \$ 10,312,000	\$ - \$	- \$ -	Ş -	Ş -	Ş -	\$ -	Ş -	\$ 6,807,000	\$ 3,505,000	Ş -
CPS, CM&I, and CMT \$ 515,000	\$ - \$	- \$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 340,000	\$ 175,000	\$ -
Land Acquisition \$ -	\$ - \\$	- \$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Purchase \$ - Total \$ 12,323,000	\$ - \$ \$ - \$	- > - -	> -	\$ - \$ -	> -	\$ 241,000	\$ 744.000	\$ 7,658,000	\$ 3,680,000	> -
*Budget includes contingency.	۶ - Ş	- > -	ş <u>-</u>	, -	ş -	β 241,000	\$ /44,UUU	000,800,7 ډ	\$ 3,080,000	-

^{*}Budget includes contingency.

DDOLECT NAME						JECT ID EISCAL VEAR DIVISION							
PROJECT NAME					PROJECT ID HSI36			FISCAL YEAR		DIVISION			
							SI36 2031-2033 Highlands PROJECT MAP/PICTURE						
PROJECT DESCRIPTION			hard alle ea	1		1000	-	PROJ	ECT MAP/PIC	TURE	W		
This project will include re- replacement with new dua				d appurtenance	es, and			No. of Concession, Name of Street, Name of Str	-		September 1		
replacement with new dua	ii sipiioiis, ileac	iwalis, aliu appi	urtenances.			Share and			1				
Project is required due to a	age, structural	condition, and p	potential for fa	ilure of existing	siphon.					Samuel .	or Crobbons	N V	
Project will also increase h										1000		A Charles	
									ar 250	No. of Street, or other party of the last			
								A PARAMETER AND A PARAMETER AN					
										the Ala			
						The second					William was a		
								ATTAL M			and the same of th	A. A. Lund	
									The state of			A STATE OF THE PARTY OF THE PAR	
						Charles and a second	MILITARY SECTIONS	CALL TO THE PARTY OF THE PARTY	1000			1	
						Water	THE STATE STATE	The state of the state of			131.30		
						AND DESCRIPTION AND ADDRESS.		SHOW BUTCH					
						ANT .							
							1			-			
									#1 19	The Case of			
PROJECT SCHEDULE				DELIVERY	FUNDING						4000		
Initiate Cons. Selection: FY 2031				☑ CSP	□ 0&M				THE STATE OF THE S		ie in Later		
PSA/WO Issued: FY 2031			☐ Other	☐ Bonds			1 1000	49 2章 电					
Final Proposal Docs: FY 2032			_ other	□ Bollas □ R&R	200	W.	ALCOHOL:				ALC: NO		
Proposals/Bids Received: FY 2032					☐ Other	- //			100	The Control		e det	
Constr. Contract to Board: FY 2032					_ Other	1/1/20	14/300				100		
Substantial Completion: FY 2033				☑ Capitalized	☐ Expensed		1000			1000年117			
BUDGET*	TOTAL	PREVIOUS	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	
Planning/Permitting/PER	\$ 153,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 153,000		\$ -	
Engineering/Design	\$ 315,000	\$ -	\$ -	s -	s -	s -	s -	s -	\$ -	\$ 255,000	\$ 315,000	\$ -	
Construction	\$ 3,250,000	, \$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	; ;	\$ -	\$ 3,250,000	
CPS, CM&I, and CMT	\$ 162,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 162,000	
Land Acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Equipment Purchase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total	\$ 3,880,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 153,000	\$ 315,000	\$ 3,412,000	

^{*}Budget includes contingency.

PROJECT NAME	PROJECT ID		FISCAL	. YEAR		DIVISION			
CWA South Siphon Improvements	HCWAS		2032-	2034		High	Highlands		
PROJECT DESCRIPTION	PROJECT MAP/PICTURE								
This project will include removal of existing siphon pipes, headwalls, and appreplacement with new dual siphons, headwalls, and appurtenances. Project is required due to age and structural condition of the structure. Proje hydraulic capacity, increase redundancy, improve operations, and reduce he siphon structure.	ject will also	increase			PROJE	CT MAP / FILE	TORE		
PROJECT SCHEDULE DE	ELIVERY	FUNDING				(4.5)			
	CSP	□ 0&M		《 》	TO SERVE	登 化制制	1		
1	Other	☐ Bonds			N X 生		-	1	1
Final Proposal Docs: FY 2033		☑ R&R	$\mathcal{R} = \mathcal{R}$	Le is 1/2				1 /	
Proposals/Bids Received: FY 2033		☐ Other			M		1 /	11/1	1
Constr. Contract to Board: FY 2033					A CHE		12/11/	1	T VA
	Capitalized	☐ Expensed	对				142	FET	
	2025	2026	2027	2028	2029	2030	2031	2032	2033
Planning/Permitting/PER \$ 297,000 \$ - \$ - \$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 297,000	
Engineering/Design \$ 606,000 \$ - \$ - \$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 198,000	\$ 408,000
Construction \$ 2,718,000 \$ - \$ - \$	- [\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,718,000
CPS, CM&I, and CMT \$ 136,000 \$ - \$ - \$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 136,000
Land Acquisition \$ - \$ - \$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Equipment Purchase \$ - \$ - \$	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total \$ 3,757,000 \$ - \$ - \$	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 495,000	\$ 3,262,000	

^{*}Budget includes contingency.