North Harris County Regional Water Authority



2027 Five-Year Capital Improvement Plan

DRAFT / November 2026

carollo

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Abbreviations

COH	City of Houston
CIP	Capital Improvement Plan
FWSD	Fresh Water Supply District
GNEHSA	Greater Northeast Houston Service Area
GRP	Groundwater Reduction Plan
HGSD	Harris Galveston Subsidence District
ID	Improvement District
LBITP	Luce Bayou Interbasin Transfer Project
MG	Million Gallons
mgd	Million Gallons Per Day
MUD	Municipal Utility District
NETL	Northeast Transmission Line
NEWPP	Northeast Water Purification Plant
NHCRWA	North Harris County Regional Water Authority
O&M	Operations & Maintenance
PUD	Public Utility District
RPS	Regional Pump Station
SCADA	Supervisory Control and Data Acquisition
SWIFT	State Water Implementation Fund for Texas
TWDB	Texas Water Development Board
UD	Utility District
VFD	Variable Frequency Drive
WCID	Water Control Improvement District
WP	Water Plant
WRF	Water Receiving Facility
WTP	Water Treatment Plant

INTRODUCTION

In 1999, the Harris-Galveston Subsidence District (HGSD) extended their surface water conversion mandates northward and issued a regulatory plan that included a phased mandate for the northwestern portions of Harris County to convert from the use of groundwater to alternate sources, namely surface water.

During the same year, the 76th Texas Legislature passed House Bill 2965, creating the North Harris County Regional Water Authority (Authority). At the time, the area encompassed approximately 160 utility districts with 320 regulated groundwater wells, 2 cities, and a quarter-million residents. Since then, the number of political subdivisions, including cities, municipal utility districts (MUD), public utility districts (PUD), water control and improvement districts (WCID), and regulated independent well owners within the Authority's boundary exceeds 330, with a population of over 750,000.

Most of these districts are small and not interconnected, making it virtually impossible for them to accomplish the mandated conversion to surface water on their own. The Authority was created to become the single entity with the ability to negotiate and provide for a secure, long-term, reliable supply of drinking water for all the districts, small municipalities, and other permitted well-owners within its boundaries. In the year 2000, as required by the enabling legislation, a special election was held, and the Authority's creation was overwhelmingly approved by the voters.

Since that time, the Authority has been striving to achieve its primary mission of securing a long-term reliable supply of wholesale drinking water to meet HGSD requirements, while keeping the cost of water as low as possible for as long as possible.

The HGSD Mandate

HGSD established the mandate that users within the Authority's boundary must progressively decrease groundwater pumpage over time. The current HGSD conversion requirements are shown in Figure 1.

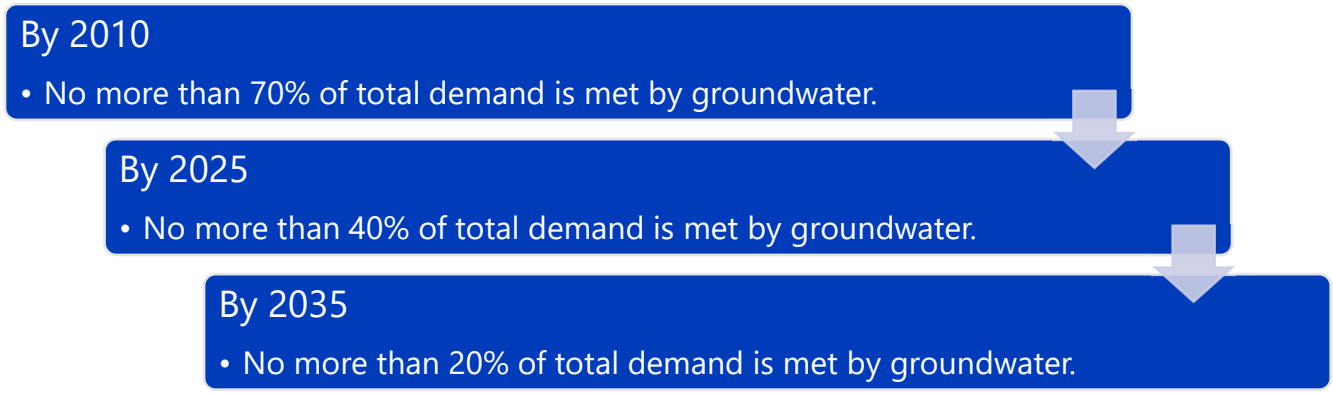


Figure 1 Phased HGSD Regulatory Mandate for NHCRWA

The HGSD mandate specifies that if a user does not meet the conversion requirement by a given permit year, they would be subject to potential disincentive fees levied by HGSD. **The current disincentive fee is $12.52/1,000 gallons.**

HGSD requires the Authority to develop and maintain a Groundwater Reduction Plan (GRP) demonstrating how the phased conversion from groundwater to surface water would be implemented within the Authority's service area.

Meeting the HGSD Mandate

The Authority has completed numerous activities to meet the HGSD's initial mandate, including:

- Developing its first GRP in 2003 to meet the initial mandate.
- Completing certification of the GRP with HGSD in 2003.
- Successfully negotiating a long-term water supply contract with the City of Houston to meet the Authority's need for an alternative source of water for the initial conversion.
- Designing and constructing the transmission and distribution infrastructure to deliver surface water to meet the 30% conversion requirement.
- Achieving the 30% groundwater reduction target mandated by HGSD by 2010, at a cost of approximately $500M.

Since the approval of the 2014 GRP, the Authority has steadily advanced projects to meet the HGSD mandates.

In 2014, the Authority developed an update to the GRP to demonstrate how the next conversion milestones would be achieved. The Authority has steadily advanced projects to complete the 60% conversion requirement. Current progress is shown in Figure 1. The Authority anticipates being fully completed with the 60% conversion by 2031 and plans to utilize credits to maintain compliance with the HGSD's conversion mandate until the 60% conversion is completed. The total cost for construction of the 60% conversion is anticipated to be $2.9B, largely funded by Texas Water Development Board (TWDB)'s low-interest financing program.

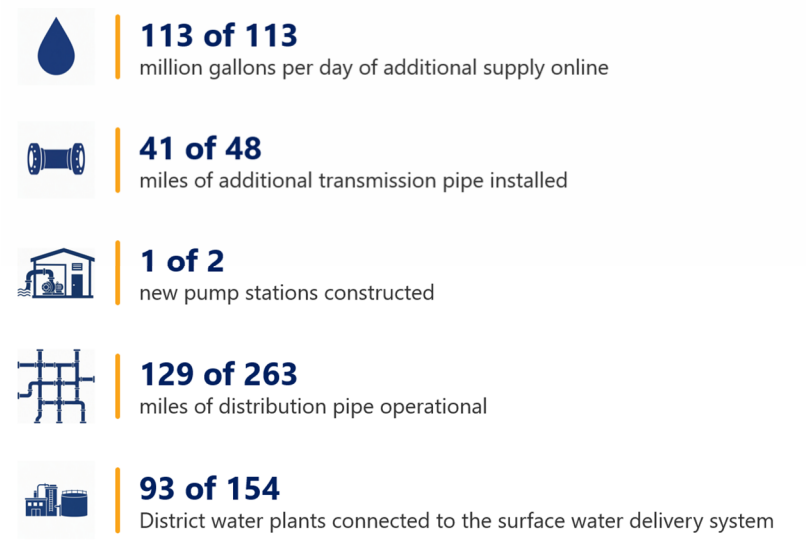


Figure 2 Progress Towards the 60% Conversion

In 2025, the Authority completed a master planning effort to establish how the 80% conversion will be achieved by the next regulatory deadline. The Authority will need to complete the activities shown in Figure 3 by 2035 to satisfy the next conversion mandate requirements.

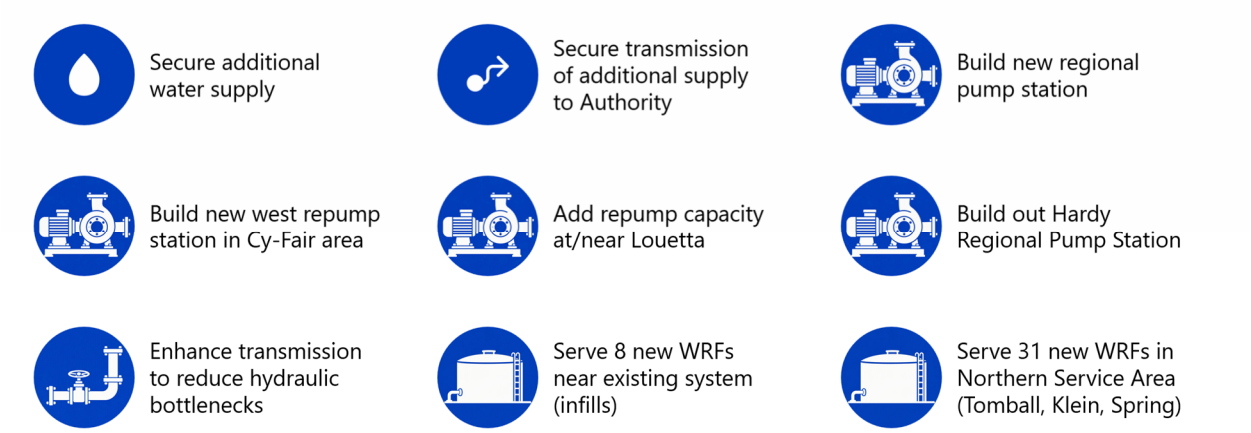


Figure 3 Major Elements of the 80% Conversion

The Authority must begin planning efforts for the 80% conversion now in order to achieve the 2035 conversion mandate. Current conceptual cost estimates for the 80% conversion place the total cost at over $2B[1]. As new supply identified in the 2027 State Water Plan, the 80% conversion will be eligible for TWDB low-interest financing in the State Water Implementation Fund for Texas (SWIFT) program. The Authority will need to submit a new application to TWDB to secure any SWIFT funds needed for the 80% conversion.

Additional Capital Project Needs Beyond the Conversion Mandate

The Authority's capital program includes non-conversion related projects. These are projects that fall into two broad categories: (1) renewal and replacement (R&R), system improvements, and program needs; or (2) water conservation oriented projects. Projects in the former category are not eligible for low-interest SWIFT financing through TWDB. For the latter water conservation category, the Authority may be eligible for water conservation grant funds from the HGSD if the project includes demand management, water loss prevention, or water loss mitigation elements.

[1] Based upon conceptual budget estimates as of November 2026, inclusive of anticipated future bond principal amounts only. Reflects an estimated 3% annual inflation and 10% fiscal services costs for bond issuance, with a completion date of 2035. Does not include interest payments for financing the bonds.

DEVELOPMENT OF THE FIVE-YEAR CIP

97% of the proposed 2027 CIP is necessary to meet HGSD's conversion mandates.

Each year, the Authority updates the five-year CIP to identify projects necessary to meet the HGSD mandates, rehabilitation needs for the existing system, and potential improvement projects that the Board may wish to consider. Projects included in the CIP are presented with overviews of the scope, schedule, budget, and funding source.

The Authority has three major funding sources for the CIP: low-interest TWDB SWIFT funds, participant funds where another party has agreed to co-fund projects, and other capital funds. Other capital funds may include remaining proceeds from previously issued or new revenue bonds, interest earned from current bond funds in escrow, unrestricted improvement funds, or other "cash" revenue.

During the development of the 2027 five-year CIP, the Authority completed the following:

- Reconciled all project costs for the conversion to date, including all project funding received from TWDB and the Authority's participant share for previously issued SWIFT bonds.
- Identified trends from historical Authority project duration and cost data, and updated assumptions used to forecast schedule and cost estimates for future projects.
- Updated budgets for projects currently in design based on the latest engineers' estimate of probable construction cost.
- Developed cash flow analysis of TWDB SWIFT funds based on current fund balances, anticipated release requests through the remainder of 2026, scheduled December 2026 closing amount, and anticipated release requests for the next four fiscal years.
- Reconciled SWIFT fund accounts to identify remaining funds from previously completed projects available to fund future SWIFT projects.
- Reviewed anticipated completion dates of all active and planned CIP projects, including dates when each new water receiving facility is anticipated to be connected to surface water.
- Estimated annual percent conversion (amount of surface water delivered versus the total water demand), based upon project completion dates, water demand trends, and forecast population growth.
- Predicted credit balance in the "credit bank" based upon annual over or under conversion.
- Included new projects identified in the Master Planning effort.
- Establish non-conversion projects necessary for rehabilitation of aging assets from the original 2010 system and system improvement recommendations for enhanced controls.
- Included new water conservation projects, eligible for the HGSD Water Conservation Grant funding program.

THE PROPOSED 2027 FIVE-YEAR CIP

Recommended 2027 CIP Budget and Funding Sources

Table 1 presents the proposed five-year CIP by funding source. Detailed project sheets are included as an Appendix to this CIP. Highlights are below:

- Previously approved CIPs authorized the expenditure of $2.1B through the end of fiscal year 2026. Due to delays with land acquisition and third-party agency approvals impacting planned construction projects, the Authority will likely only authorize $1.8B through the end of fiscal year 2026. Approximately $290M will not be authorized before the end of 2026. This will result in the need to carry over $290M of previously authorized budget amount from 2026 into 2027.
- Proposed CIP projects for 2027 are as follows:
  - **Conversion Projects** – completion of construction for the Project 31 series, initiation of construction for Projects 23 and 37, ongoing design and land acquisition efforts for Projects 39 and 40, construction of the next planned phase of both the Rendl Regional Pump Station and the Schindewolf Regional Pump Station, and early planning/conceptual design activities to complete the necessary land acquisition for future pump stations.
  - **R&R, System Improvements, and Program Needs** – rehabilitation of the Schindewolf Regional Pump Station, repairs to the Louetta Repump Station, control valve improvements at existing WRFs, SCADA system improvements, and annual program support services.
  - **Water Conservation Projects** – partnering with HGSD to implement (1) improved metering visibility to drive increased surface water use by existing converted entities and (2) the initial phase of system monitoring for water loss prevention.
- These 2027 projects will require $515M of SWIFT funding, $6M of participant funding, and $18M of other capital funds for a total CIP budget of $540M.
- Given that $290M of previously authorized CIP budget amount is being carried over from 2026, this only requires a new CIP budget authorization of $250M to complete the planned 2027 projects.

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Table 1 Proposed 2027 Five-Year CIP Summary

Category	Fiscal Year Planned Budget (Present Value, Thousands) [1]					Five-Year Total Budget (Thousands)
	2027 [11]	2028	2029	2030	2031	
Planned Authorizations						
Acquisition [2]	$15,350	$8,964	$19,974	$23,574	-	$67,862
Design [3]	$11,645	$40,005	$49,356	$57,023	$9,034	$167,063
Construction [4]	$514,193	$359,858	$84,698	$124,053	$150,814	$1,233,616
Equipment [5]	-	-	-	-	-	-
Other [6]	$1,000	$6,580	$35,889	$63,050	$201,626	$308,145
Total Authorizations	**$542,188**	**$415,407**	**$189,917**	**$267,700**	**$361,474**	**$1,776,686**
Planned Funding Source						
SWIFT Funds [7]	$517,817	$389,693	$183,215	$261,200	$355,474	$1,707,399
Participant Funds [8], [9]	$6,401	$5,916	$3,677	$3,500	$1,000	$20,494
Capital Funds [10]	$17,970	$19,798	$3,025	$3,000	$5,000	$48,793
Total Funding	**$542,188**	**$415,407**	**$189,917**	**$267,700**	**$361,474**	**$1,776,686**

Notes:
(1) All costs shown in Present Value (2026$) with no escalation.
(2) Costs for acquisition include legal and property acquisition support in addition to the costs for easement acquisition.
(3) Costs for design represent all future projected authorizations in Present Value (2026$). Detailed project sheets in Section 2 include "Previous Authorizations" which may have final invoicing in 2027. Budget/spend for previous authorizations was previously approved.
(4) Costs for construction are split in accordance with TWDB SWIFT funding releases—95% at the start of construction with the notice to proceed and the final 5% when retainage is released at final acceptance.
(5) There are no proposed costs to directly procure equipment. All equipment costs are included within construction budgets.
(6) "Other" expenditures represent capital contribution payments to the City of Houston for additional source water and transmission of that source water to the Authority.
(7) SWIFT funds are proposed for all SWIFT-eligible projects. If the Board desires to cash-fund any future projects, the final approved CIP will move those project budgets from SWIFT Funds to Capital Funds.
(8) Participant funds are based on the City of Houston's agreed-upon participation in Project 23, anticipated CHCRWA participation in Project 23, and potential HGSD participation in Water Conservation projects.
(9) Participant funds are shown in the year they are anticipated to be received, which may require the Authority to utilize other capital funds to initiate a project and repay the capital fund with the participant funds upon receipt. This may occur in different fiscal years.
(10) Capital funds are proposed for any non-SWIFT eligible projects which could include rehabilitation of existing infrastructure and other program costs such as HGSD regulatory coordination, master planning, and program management software.
(11) The 2027 planned authorizations includes approximately $290M of previously approved budget from 2026 that will not be contracted before the end of 2026. These funds will need to be carried over into 2027. After deducting the carryover, the actual new budget requested for 2027 is $250M.

Available Funds and Recommended Additional Funding Needed by Source

The previous table established the budget needed for the 2027 CIP, as well as how each project will be funded, but it does not contemplate if there are enough available funds in each specific fund account. The final step of the CIP process is to reconcile the available funds and recommend the additional funds needed for future CIP (2028 through 2031+). This is completed by performing a cash flow analysis to forecast quarterly costs over the next three fiscal years, coupled with the timing of when additional funds would be available for the CIP via future bond closings.

SWIFT Funds

The majority of the CIP is funded by TWDB's SWIFT program. TWDB has previously committed approximately $2.8B of funding via SWIFT to the Authority for various projects of the Authority's conversion program. The Authority has closed on approximately $2.1B of TWDB SWIFT funds to date and is scheduled to close on an additional $265M in December 2026. This leaves a remaining SWIFT funding commitment of approximately $338M for future closings.

At the end of this fiscal year, the Authority anticipates there will be $550M of TWDB SWIFT funds accumulated in escrow available to fund the 2027 CIP and future CIPs. This includes the net proceeds from the planned December 2026 closing.

The Authority can close annually on the additional SWIFT funds need, typically at the end of each calendar year. Furthermore, if there are not enough committed funds available to complete the program, the Authority is only able to submit a request to TWDB once per year for additional SWIFT funding, typically at the beginning of the calendar year. The quarterly cashflow analysis is an important tool to establish SWIFT funding needs, as both current and future years must be evaluated against the timing of potential closings.

Table 2 presents the anticipated escrow carryover from the end of 2026, the SWIFT funding needs by calendar year per the cashflow analysis, and two potential closing schedule scenarios. The first scenario presents the closing schedule if the Authority were to defer a new SWIFT funding application until all committed funding is exhausted. The second scenario presents the option to use the existing funding only towards the 60% conversion effort and to obtain new funding for the remaining 60% conversion shortfall plus the 80% conversion efforts. Both scenarios have the same recommended closing amount in 2027 ($335M) and 2028 ($283M); however, the second scenario requires submitting a new SWIFT application funding request to TWDB in 2027 (one year sooner than the first scenario).

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Table 2 SWIFT Funding Needs and Closing Schedule Options

Closing Year	Anticipated Escrow Carryover Amount from 2026 (1)	Current Closing Schedule – Existing Funding (2)	Funding Need – 60% Only (3)	Funding Need – 80% Only (3)	CLOSING OPTION 1: Exhaust current funding before applying for new funds in 2028.		CLOSING OPTION 2: Utilize existing funding for 60%; seek new funding in 2027 for 80%.	
					Closing of Existing (4)	Closing of New (5)	Closing of Existing (4)	Closing of New (5)
2027	$550M	$250M	$250M	$85M	$335M	$0M	$250M	$85M
2028	-	$88M	$168M	$115M	$3M	$280M	$88M	$195M
2029	-	$0M	$20M	$300M	$0M	$320M	$0M	$320M
Future	-	$0M	$0M	$1,585M	$0M	$1,585M	$0M	$1,585M
Total	**$550M**	**$338M**	**$438M**	**$2,085M**	**$338M**	**$2,185M**	**$338M**	**$2,185M**

Notes: All costs shown in Millions (M).

(1) "Anticipated Carryover Amount from 2026" reflects the projected balance of the TWDB escrow account once disbursements are made in late 2026 (reducing current available funds) and proceeds from the December 2026 closing are added to the account. Does not reflect accrued interest earnings which are currently restricted by TWDB and unavailable to fund current projects. Interest earnings will be incorporated as a future SWIFT funding source once unrestricted by TWDB. Interest earnings may reduce future funding needs.

(2) "Current Closing Schedule-Existing Funding" reflects the multi-year commitment annual loan closing schedule submitted to TWDB in January 2026. A new multi-year commitment annual loan closing schedule can be submitted to TWDB each January. All funds are shown as gross bond amount, which includes 10% for fiscal services.

(3) Funding needs are based upon the results of the cashflow analysis. They reflect the necessary gross bond amounts, incorporating an assumed annual inflation rate of 3% for all future costs, with a projected fiscal services cost of 10% at closing. If new SWIFT funding is not secured and the Authority must get bonds on the open market, gross bond amounts will need to be higher to cover higher fiscal services costs at closing. Does not reflect the accrued interest payments associated with the long-term financing.

(4) "Closing of Existing" indicates the recommended multi-year closing schedule for the $338M of remaining committed funds from TWDB. All funds are shown as gross bond amount, which includes 10% for fiscal services.

(5) "Closing of New" indicates the recommended annual closing amount for any new funding source. All funds are shown as gross bond amount, which includes 10% for fiscal services. The Authority will need to consider how large of an application to submit to TWDB for new SWIFT funding (i.e. submit one application for the entire $2.2B financing needed or divide into multiple applications over time, with the first application for a lesser amount).

Participant Funds

Participant funding indicates when other parties have agreed to contribute all or a portion or all of the funding towards a project. In the 2027 CIP, it is anticipated that the City of Houston and the Central Harris County Regional Water Authority will contribute participant funding towards Project 23. Additionally, the CIP contemplates receiving grant funding from the Harris Galveston Subsidence District for the water conservation projects. Projects will be initiated in 2027 utilizing Capital Funds, and the grant funding from HGSD would be reimbursed the following fiscal year, repaid back into the Capital Fund to fund future projects.

The total contribution from other participants towards the Authority's 2027 CIP is expected to be just over $6M.

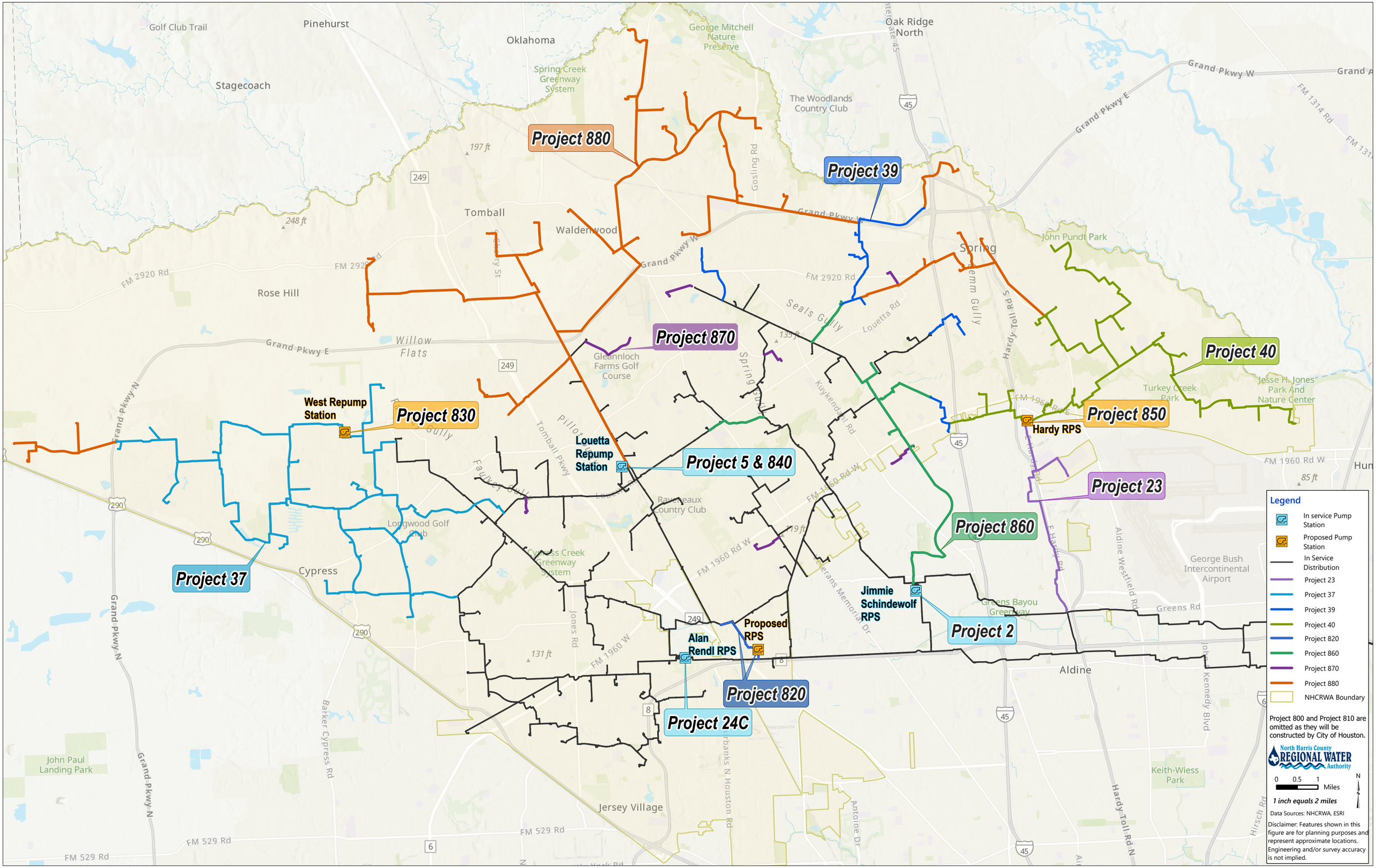
Capital Funds

Some projects are not eligible for TWDB SWIFT funding, nor do they have participants agreeing to provide funding; therefore, other capital funds are needed. Sources for other capital funds include proceeds from past sales of revenue bonds, new revenue bonds, cash funding from the savings within the unrestricted improvement fund, cash funding budgeted via the annual operating budget, dedicated R&R funds, interest earnings, and other sources.

The Authority's last revenue bond sale was in 2016, and all revenue bond funds have been exhausted. In the previous CIP, Capital Funds were sourced from cash savings available within the unrestricted improvement fund. Those funds are anticipated to be exhausted at the end of this fiscal year. The Authority has several large rehabilitation projects in the next two years that will require $18M of new Capital Funds in 2027 and $20M of new Capital Funds in 2028, with a total five-year budget need of $50M. It is recommended that the Authority establish the R&R Fund and dedicate $50M from the Improvement Fund into the R&R Fund to fund these projects.

APPENDIX A

PROJECT MAP AND DESCRIPTIONS



The 2026-2035 systems have not been fully designed.
Some pipe alignments shown are conceptual and subject to change during the alternatives analysis portion of the routing study process.

Data and Map updated Oct 2026
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Project Name	System	CIP No.	Version
Schindewolf Pump Station Improvements	Distribution	2	Board Workshop

Project Justification

Includes both expanded hydraulic capacity and rehabilitation of the aging infrastructure at Jimmie Schindewolf Regional Pump Station (formerly known as Spears Road Pump Station).

Project Description

Expansion of the storage capacity at the RPS and major rehabilitation of pumps, VFDs, and aging facilities.

Project Map



WRFs Connected

Name	Demand last permit year (mgd)
N/A	N/A - Pumping/Rehab Only

Schedule

Phase	Start Year
Planning	2026
Design	2026
Construction	2027
In Service	2029
Closeout	2029

CIP Category	Previous Authorizations Executed (Thousands)	Fiscal Year Planned Authorizations (Thousands)						Total Expected Project Cost (Thousands)
		2027	2028	2029	2030	2031	Future	
Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ 519	$ 3,870	$ -	$ -	$ -	$ -	$ -	$ 4,389
Construction	$ -	$ -	$ 31,415	$ 1,550	$ -	$ -	$ -	$ 32,965
Equipment	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Other	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Grand Total	**$ 519**	**$ 3,870**	**$ 31,415**	**$ 1,550**	**$ -**	**$ -**	**$ -**	**$ 37,354**

Source of Funds	Previous Funding Received (Thousands)	Fiscal Year Planned Funding (Thousands)						Total Expected Project Funding (Thousands)
		2027	2028	2029	2030	2031	Future	
SWIFT	$ -	$ 2,400	$ 20,600	$ 1,025	$ -	$ -	$ -	$ 24,025
Participant	$ 38	$ -	$ -	$ -	$ -	$ -	$ -	$ 38
Capital Funds	$ 481	$ 1,470	$ 10,815	$ 525	$ -	$ -	$ -	$ 13,291
Grand Total	**$ 519**	**$ 3,870**	**$ 31,415**	**$ 1,550**	**$ -**	**$ -**	**$ -**	**$ 37,354**

Note: All future costs and forecasted funding shown on this sheet are in 2026 dollars.

Project Name	System	CIP No.	Version
Rehab of Louetta Repump Station	Distribution	5	Board Workshop

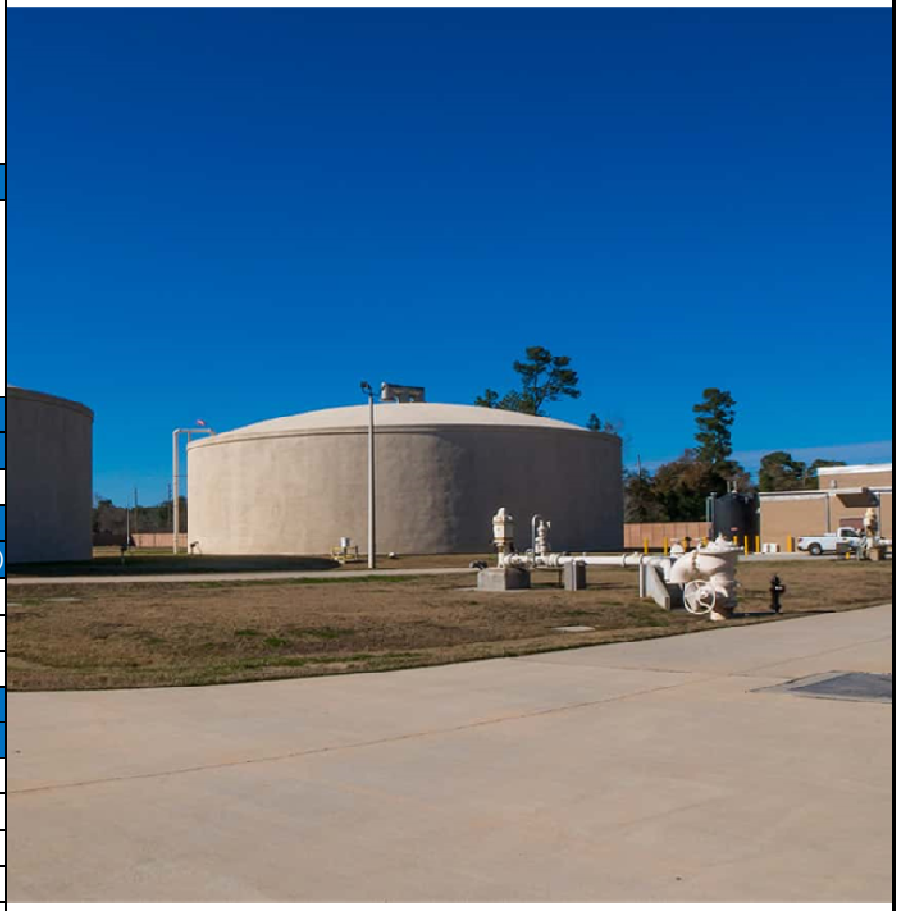
Project Justification

This project is necessary to restore full functionality of the existing Louetta Repump Station which helps sustain pressure during peak hour demand periods in the existing system.

Project Description

This project includes budget for replacement of aging and damaged assets as well as control improvements.

Project Map



Project Status

Name	Status
5	PLANNED

WRFs Connected

Name	Demand last permit year (mgd)
N/A	N/A

Schedule

Phase	Start Year
Planning	2027
Design	2027
Construction	2028
In Service	2029
Closeout	2029

CIP Category	Previous Authorizations Executed (Thousands)	Fiscal Year Planned Authorizations (Thousands)						Total Expected Project Cost (Thousands)
		2027	2028	2029	2030	2031	Future	
Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ -	$ 500	$ -	$ -	$ -	$ -	$ -	$ 500
Construction	$ -	$ -	$ 3,000	$ -	$ -	$ -	$ -	$ 3,000
Equipment	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Other	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Grand Total	**$ -**	**$ 500**	**$ 3,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 3,500**

Source of Funds	Previous Funding Received (Thousands)	Fiscal Year Planned Funding (Thousands)						Total Expected Project Funding (Thousands)
		2027	2028	2029	2030	2031	Future	
SWIFT	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Participant	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Capital Funds	$ -	$ 500	$ 3,000	$ -	$ -	$ -	$ -	$ 3,500
Grand Total	**$ -**	**$ 500**	**$ 3,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 3,500**

Note: All future costs and forecasted funding shown on this sheet are in 2026 dollars.

Project Name	System	CIP No.	Version
Project 23 Series	Transmission and Distribution	23	Board Workshop

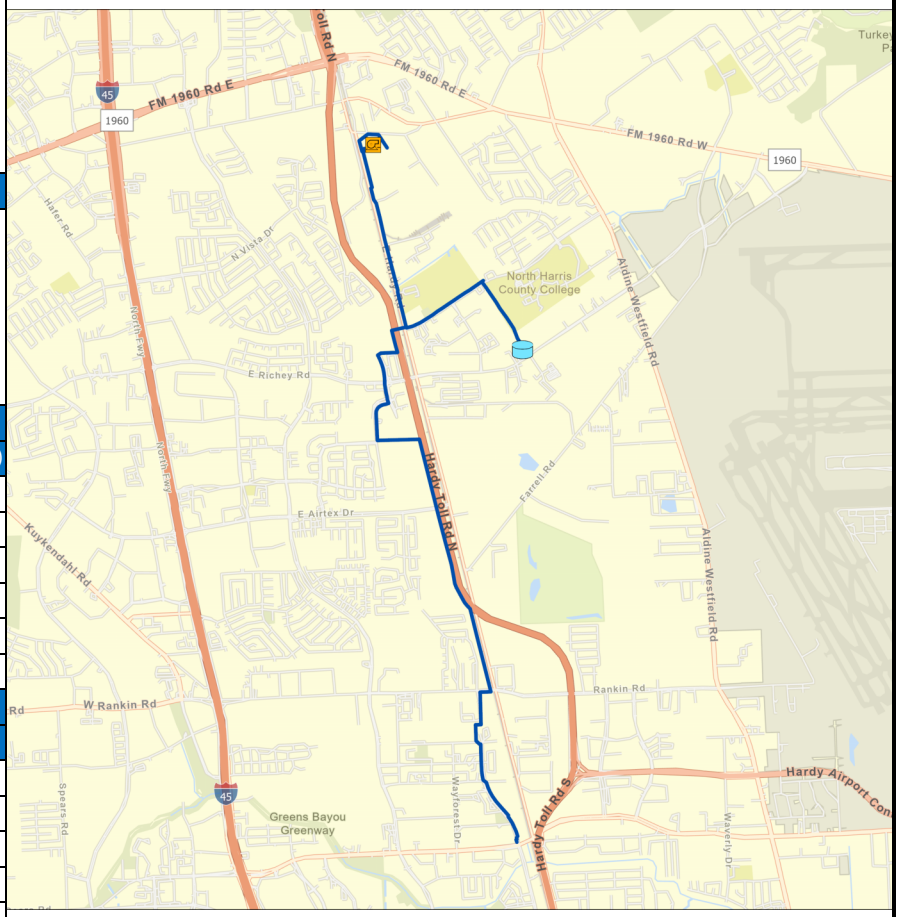
Project Justification

This project is necessary to meet the HGSD mandate for conversion.

Project Description

This transmission project is partially co-funded by City of Houston (23B, 23C, 23D) and CHCRWA (23B & 23C) to bring water from the NETL north, parallel to the Hardy Toll Rd. It ultimately will deliver water to Project 40 as part of the conversion via a new pump station.

Project Map



WRFs Connected

Name	Demand last permit year (mgd)
Richey Road MUD WP	0.89

Schedule

Phase	Start Year
Planning	2019
Design	2024
Construction	2027
In Service	2029
Closeout	2029

CIP Category	Previous Authorizations Executed (Thousands)	Fiscal Year Planned Authorizations (Thousands)						Total Expected Project Cost (Thousands)
		2027	2028	2029	2030	2031	Future	
Acquisition	$ 14,558	$ -	$ -	$ -	$ -	$ -	$ -	$ 14,558
Design	$ 15,625	$ -	$ -	$ -	$ -	$ -	$ -	$ 15,625
Construction	$ -	$ 192,069	$ 11,427	$ 7,767	$ -	$ -	$ -	$ 211,263
Equipment	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Other	$ 32	$ -	$ -	$ -	$ -	$ -	$ -	$ 32
Grand Total	**$ 30,215**	**$192,069**	**$ 11,427**	**$ 7,767**	**$ -**	**$ -**	**$ -**	**$ 241,477**

Source of Funds	Previous Funding Received (Thousands)	Fiscal Year Planned Funding (Thousands)						Total Expected Project Funding (Thousands)
		2027	2028	2029	2030	2031	Future	
SWIFT	$ 28,916	$ 185,668	$ 9,028	$ 7,590	$ -	$ -	$ -	$ 231,202
Participant	$ 1,281	$ 6,401	$ 2,416	$ 177	$ -	$ -	$ -	$ 10,275
Capital Funds	$ 17	$ -	$ (17)	$ -	$ -	$ -	$ -	$ -
Grand Total	**$ 30,215**	**$192,069**	**$ 11,427**	**$ 7,767**	**$ -**	**$ -**	**$ -**	**$ 241,477**

Note: All future costs and forecasted funding shown on this sheet are in 2026 dollars.

Project Name	System	CIP No.	Version
Alan Rendl Pump Station	Distribution	24	Board Workshop

Project Justification

This project is necessary to meet the HGSD mandate for conversion.

Project Description

This includes design/construction of the planned second phase of the pump station needing to come online by 2030 to meet demands from future growth connected to the existing system.

Project Map



WRFs Connected

Name	Demand last permit year (mgd)
N/A	Pumping Only

Schedule (Phase 2 Only)

Phase	Start Year
Planning	2016
Design	2019
Construction	2020
In Service	2028
Closeout	2029

CIP Category	Previous Authorizations Executed (Thousands)	Fiscal Year Planned Authorizations (Thousands)						Total Expected Project Cost (Thousands)
		2027	2028	2029	2030	2031	Future	
Acquisition	$ 6,104	$ -	$ -	$ -	$ -	$ -	$ -	$ 6,104
Design	$ 11,941	$ -	$ -	$ -	$ -	$ -	$ -	$ 11,941
Construction	$ 106,332	$ 33,368	$ 1,575	$ -	$ -	$ -	$ -	$ 141,275
Equipment	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Other	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Grand Total	**$ 124,377**	**$ 33,368**	**$ 1,575**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 159,319**

Source of Funds	Previous Funding Received (Thousands)	Fiscal Year Planned Funding (Thousands)						Total Expected Project Funding (Thousands)
		2027	2028	2029	2030	2031	Future	
SWIFT	$ 124,371	$ 33,368	$ 1,575	$ -	$ -	$ -	$ -	$ 159,313
Participant	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Capital Funds	$ 6	$ -	$ -	$ -	$ -	$ -	$ -	$ 6
Grand Total	**$ 124,377**	**$ 33,368**	**$ 1,575**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 159,319**

Note: All future costs and forecasted funding shown on this sheet are in 2026 dollars.

Project Name	System	CIP No.	Version
Project 31 Series	Distribution	31	Board Workshop

Project Justification

This project is necessary to meet the HGSD mandate for conversion.

Project Description

Project 31 connects an additional 15 WRFs to the Authority's conversion system via approximately 18 miles of distribution system pipes and modifications at each water plant. All but one of the WRFs are now online, and the final WRF should come online by Q1 of 2027.

Project Map



WRFs Connected

Name	Demand last permit year (mgd)
Various WPs (15)	5.28

Schedule

Phase	Start Year
Planning	2020
Design	2020
Construction	2024
In Service	2026
Closeout	2027

CIP Category	Previous Authorizations Executed (Thousands)	Fiscal Year Planned Authorizations (Thousands)						Total Expected Project Cost (Thousands)
		2027	2028	2029	2030	2031	Future	
Acquisition	$ 17,011	$ -	$ -	$ -	$ -	$ -	$ -	$ 17,011
Design	$ 15,721	$ -	$ -	$ -	$ -	$ -	$ -	$ 15,721
Construction	$ 125,804	$ 1,295	$ -	$ -	$ -	$ -	$ -	$ 127,099
Equipment	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Other	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Grand Total	**$ 158,535**	**$ 1,295**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 159,830**

Source of Funds	Previous Funding Received (Thousands)	Fiscal Year Planned Funding (Thousands)						Total Expected Project Funding (Thousands)
		2027	2028	2029	2030	2031	Future	
SWIFT	$ 142,712	$ 1,295	$ -	$ -	$ -	$ -	$ -	$ 144,008
Participant	$ 176	$ -	$ -	$ -	$ -	$ -	$ -	$ 176
Capital Funds	$ 15,647	$ -	$ -	$ -	$ -	$ -	$ -	$ 15,647
Grand Total	**$ 158,535**	**$ 1,295**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 159,830**

Note: All future costs and forecasted funding shown on this sheet are in 2026 dollars.

Project Name	System	CIP No.	Version
Project 37 Series	Distribution	37	Board Workshop

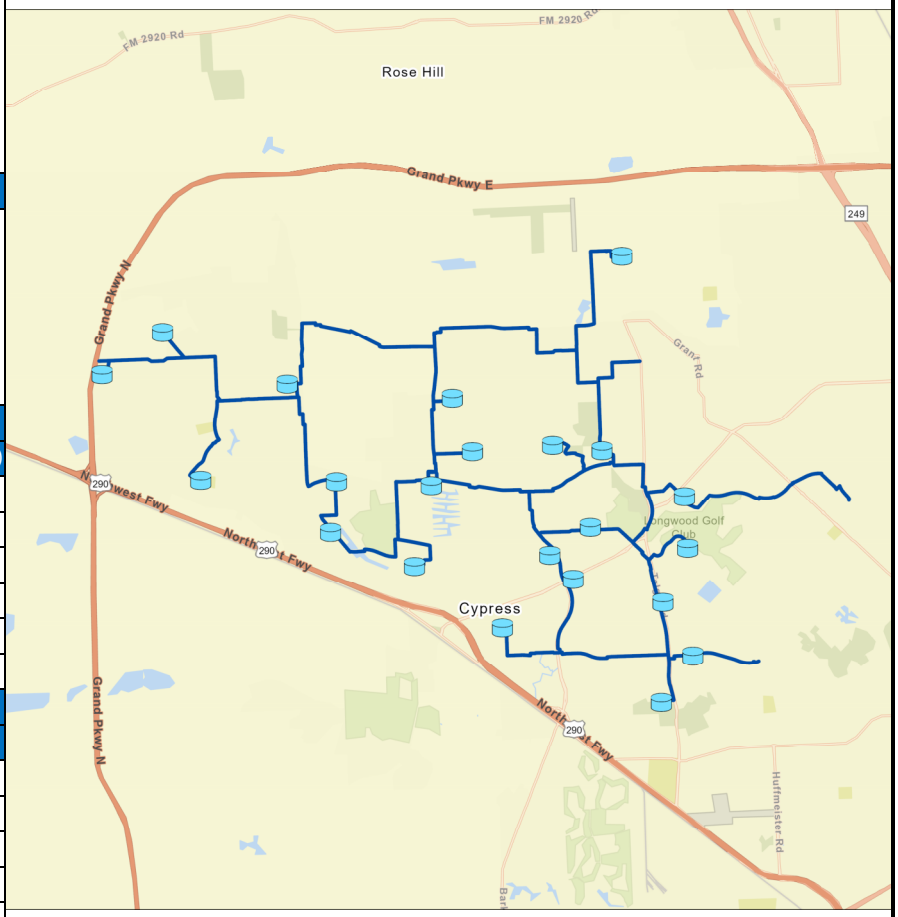
Project Justification

This project is necessary to meet the HGSD mandate for conversion.

Project Description

Project 37 extends surface water to the western service area, near State Hwy 290 and the Grand Parkway. It will add 22 water receiving facilities via over 40 miles of distribution system piping and modifications at each water receiving facility.

Project Map



WRFs Connected

Name	Demand last permit year (mgd)
Various WPs (22)	8.01

Schedule

Phase	Start Year
Planning	2022
Design	2022
Construction	2026
In Service	2029
Closeout	2029

CIP Category	Previous Authorizations Executed (Thousands)	Fiscal Year Planned Authorizations (Thousands)						Total Expected Project Cost (Thousands)
		2027	2028	2029	2030	2031	Future	
Acquisition	$ 33,933	$ -	$ -	$ -	$ -	$ -	$ -	$ 33,933
Design	$ 28,277	$ -	$ -	$ -	$ -	$ -	$ -	$ 28,277
Construction	$ 27,745	$ 275,461	$ 47,816	$ 3,120	$ -	$ -	$ -	$ 354,142
Equipment	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Other	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Grand Total	**$ 89,955**	**$275,461**	**$ 47,816**	**$ 3,120**	**$ -**	**$ -**	**$ -**	**$ 416,352**

Source of Funds	Previous Funding Received (Thousands)	Fiscal Year Planned Funding (Thousands)						Total Expected Project Funding (Thousands)
		2027	2028	2029	2030	2031	Future	
SWIFT	$ 89,391	$ 275,461	$ 47,816	$ 3,120	$ -	$ -	$ -	$ 415,788
Participant	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Capital Funds	$ 564	$ -	$ -	$ -	$ -	$ -	$ -	$ 564
Grand Total	**$ 89,955**	**$275,461**	**$ 47,816**	**$ 3,120**	**$ -**	**$ -**	**$ -**	**$ 416,352**

Note: All future costs and forecasted funding shown on this sheet are in 2026 dollars.

Project Name	System	CIP No.	Version
Project 39 Series	Distribution	39	Board Workshop

Project Justification

This project is necessary to meet the HGSD mandate for conversion.

Project Description

Project 39 will convey surface water from the existing system to 12 new WRFs via approximately 11 miles of distribution piping and modifications at each existing water plant.

Project Map



WRFs Connected

Name	Demand last permit year (mgd)
Various WPs (12)	5.48

Schedule

Phase	Start Year
Planning	2024
Design	2026
Construction	2028
In Service	2030
Closeout	2030

CIP Category	Previous Authorizations Executed (Thousands)	Fiscal Year Planned Authorizations (Thousands)						Total Expected Project Cost (Thousands)
		2027	2028	2029	2030	2031	Future	
Acquisition	$ 18,167	$ -	$ -	$ -	$ -	$ -	$ -	$ 18,167
Design	$ 14,066	$ -	$ -	$ -	$ -	$ -	$ -	$ 14,066
Construction	$ -	$ -	$ 51,783	$ 51,706	$ 5,038	$ -	$ -	$ 108,527
Equipment	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Other	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Grand Total	**$ 32,233**	**$ -**	**$ 51,783**	**$ 51,706**	**$ 5,038**	**$ -**	**$ -**	**$ 140,760**

Source of Funds	Previous Funding Received (Thousands)	Fiscal Year Planned Funding (Thousands)						Total Expected Project Funding (Thousands)
		2027	2028	2029	2030	2031	Future	
SWIFT	$ 32,233	$ -	$ 51,783	$ 51,706	$ 5,038	$ -	$ -	$ 140,760
Participant	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Capital Funds	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Grand Total	**$ 32,233**	**$ -**	**$ 51,783**	**$ 51,706**	**$ 5,038**	**$ -**	**$ -**	**$ 140,760**

Note: All future costs and forecasted funding shown on this sheet are in 2026 dollars.

Project Name	System	CIP No.	Version
Project 40 Series	Distribution	40	Board Workshop

Project Justification

This project is necessary to meet the HGSD mandate for conversion.

Project Description

Project 40 will convey surface water from the Hardy Regional Pump Station to an additional 22 water receiving facilities to help achieve conversion requirements via approximately 25 miles of distribution piping.

Project Map



WRFs Connected

Name	Demand last permit year (mgd)
Various WPs (22)	8.42

Schedule

Phase	Start Year
Planning	2024
Design	2026
Construction	2028
In Service	2031
Closeout	2031

CIP Category	Previous Authorizations Executed (Thousands)	Fiscal Year Planned Authorizations (Thousands)						Total Expected Project Cost (Thousands)
		2027	2028	2029	2030	2031	Future	
Acquisition	$ 31,839	$ -	$ -	$ -	$ -	$ -	$ -	$ 31,839
Design	$ 28,142	$ -	$ -	$ -	$ -	$ -	$ -	$ 28,142
Construction	$ -	$ -	$ 206,842	$ 18,555	$ 8,990	$ 1,995	$ -	$ 236,382
Equipment	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Other	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Grand Total	**$ 59,981**	**$ -**	**$206,842**	**$ 18,555**	**$ 8,990**	**$ 1,995**	**$ -**	**$ 296,363**

Source of Funds	Previous Funding Received (Thousands)	Fiscal Year Planned Funding (Thousands)						Total Expected Project Funding (Thousands)
		2027	2028	2029	2030	2031	Future	
SWIFT	$ 59,981	$ -	$ 206,842	$ 18,555	$ 8,990	$ 1,995	$ -	$ 296,363
Participant	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Capital Funds	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Grand Total	**$ 59,981**	**$ -**	**$206,842**	**$ 18,555**	**$ 8,990**	**$ 1,995**	**$ -**	**$ 296,363**

Note: All future costs and forecasted funding shown on this sheet are in 2026 dollars.

Project Name	System	CIP No.	Version
System Improvements and Repairs	System Wide	100	Board Workshop

Project Justification

Annual system improvement funds are budgeted within the CIP for minor upgrades or emergency repair projects needed throughout the fiscal year. System improvement funds are budgeted on an annual basis via capital funds.

Project Description

Includes annual budget for potential upgrade projects that arise during the year. 2027 includes additional funds for WRF rehabilitation project to rehab/improve flow control.

Project Map



WRFs Connected

Name	Demand last permit year (mgd)
N/A	N/A

Schedule

Phase	Start Year
Planning	N/A
Design	N/A
Construction	N/A
In Service	N/A
Closeout	N/A

CIP Category	Previous Authorizations Executed (Thousands)	Fiscal Year Planned Authorizations (Thousands)						Total Expected Project Cost (Thousands)
		2027	2028	2029	2030	2031	Future	
Acquisition	N/A	$ -	$ -	$ -	$ -	$ -	N/A	N/A
Design	N/A	$ -	$ -	$ -	$ -	$ -	N/A	N/A
Construction	N/A	$ 4,000	$ 2,000	$ 2,000	$ 2,000	$ 2,000	N/A	N/A
Equipment	N/A	$ -	$ -	$ -	$ -	$ -	N/A	N/A
Other	N/A	$ -	$ -	$ -	$ -	$ -	N/A	N/A
Grand Total	**N/A**	**$ 4,000**	**$ 2,000**	**$ 2,000**	**$ 2,000**	**$ 2,000**	**N/A**	**N/A**

Source of Funds	Previous Funding Received (Thousands)	Fiscal Year Planned Funding (Thousands)						Total Expected Project Funding (Thousands)
		2027	2028	2029	2030	2031	Future	
SWIFT	N/A	$ -	$ -	$ -	$ -	$ -	N/A	N/A
Participant	N/A	$ -	$ -	$ -	$ -	$ -	N/A	N/A
Capital Funds	N/A	$ 4,000	$ 2,000	$ 2,000	$ 2,000	$ 2,000	N/A	N/A
Grand Total	**N/A**	**$ 4,000**	**$ 2,000**	**$ 2,000**	**$ 2,000**	**$ 2,000**	**N/A**	**N/A**

Note: All future costs and forecasted funding shown on this sheet are in 2026 dollars.

Project Name	System	CIP No.	Version
Central Controls and System Automation	System Wide	101	Board Workshop

Project Justification

This project provides enhancement to the system controls with improved visibility to the system operator, enhanced metering data, and integrated billing.

Project Description

Placeholder for anticipated SCADA system enhancements to be recommended by the SCADA Master Plan (in progress in 2026).

Project Map



WRFs Connected

Name	Demand last permit year (mgd)
N/A	N/A

Schedule

Phase	Start Year
Planning	N/A
Design	N/A
Construction	N/A
In Service	N/A
Closeout	N/A

CIP Category	Previous Authorizations Executed (Thousands)	Fiscal Year Planned Authorizations (Thousands)						Total Expected Project Cost (Thousands)
		2027	2028	2029	2030	2031	Future	
Acquisition	N/A	$ -	$ -	$ -	$ -	$ -	N/A	N/A
Design	N/A	$ -	$ -	$ -	$ -	$ -	N/A	N/A
Construction	N/A	$ 1,000	$ 1,000	$ -	$ -	$ -	N/A	N/A
Equipment	N/A	$ -	$ -	$ -	$ -	$ -	N/A	N/A
Other	N/A	$ -	$ -	$ -	$ -	$ -	N/A	N/A
Grand Total	**N/A**	**$ 1,000**	**$ 1,000**	**$ -**	**$ -**	**$ -**	**N/A**	**N/A**

Source of Funds	Previous Funding Received (Thousands)	Fiscal Year Planned Funding (Thousands)						Total Expected Project Funding (Thousands)
		2027	2028	2029	2030	2031	Future	
SWIFT	N/A	$ -	$ -	$ -	$ -	$ -	N/A	N/A
Participant	N/A	$ -	$ -	$ -	$ -	$ -	N/A	N/A
Capital Funds	N/A	$ 1,000	$ 1,000	$ -	$ -	$ -	N/A	N/A
Grand Total	**N/A**	**$ 1,000**	**$ 1,000**	**$ -**	**$ -**	**$ -**	**N/A**	**N/A**

Note: All future costs and forecasted funding shown on this sheet are in 2026 dollars.

Project Name	System	CIP No.	Version
Program Services	System Wide	200	Board Workshop

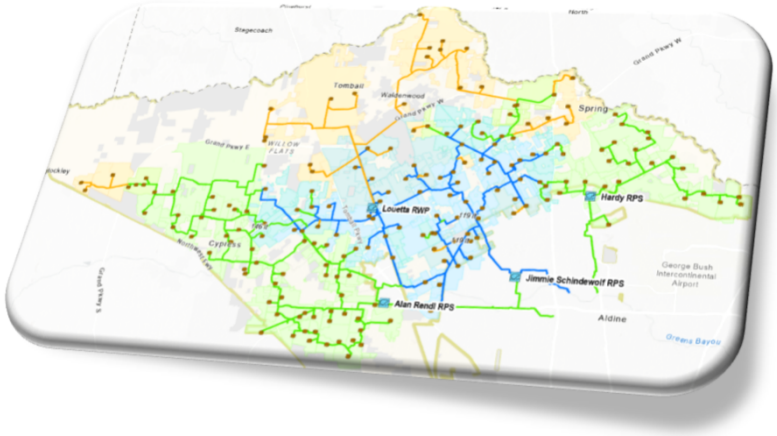
Project Justification

Annual funds for various program services including management of the program, master planning, regulatory compliance, GIS data management, and annual contracts for third-party program software.

Project Description

Program services funds are budgeted on an annual basis via capital funds within the construction fund. Unspent budget does not carry over.

Project Map



WRFs Connected

Name	Demand last permit year (mgd)
N/A	N/A

Schedule

Phase	Start Year
Planning	N/A
Design	N/A
Construction	N/A
In Service	N/A
Closeout	N/A

CIP Category	Previous Authorizations Executed (Thousands)	Fiscal Year Planned Authorizations (Thousands)						Total Expected Project Cost (Thousands)
		2027	2028	2029	2030	2031	Future	
Acquisition	N/A	$ -	$ -	$ -	$ -	$ -	N/A	N/A
Design	N/A	$ 4,000	$ 3,500	$ 3,500	$ 3,500	$ 3,500	N/A	N/A
Construction	N/A	$ -	$ -	$ -	$ -	$ -	N/A	N/A
Equipment	N/A	$ -	$ -	$ -	$ -	$ -	N/A	N/A
Other	N/A	$ -	$ -	$ -	$ -	$ -	N/A	N/A
Grand Total	**N/A**	**$ 4,000**	**$ 3,500**	**$ 3,500**	**$ 3,500**	**$ 3,500**	**N/A**	**N/A**

Source of Funds	Previous Funding Received (Thousands)	Fiscal Year Planned Funding (Thousands)						Total Expected Project Funding (Thousands)
		2027	2028	2029	2030	2031	Future	
SWIFT	N/A	$ -	$ -	$ -	$ -	$ -	N/A	N/A
Participant	N/A	$ -	$ -	$ -	$ -	$ -	N/A	N/A
Capital Funds	N/A	$ 4,000	$ 3,500	$ 3,500	$ 3,500	$ 3,500	N/A	N/A
Grand Total	**N/A**	**$ 4,000**	**$ 3,500**	**$ 3,500**	**$ 3,500**	**$ 3,500**	**N/A**	**N/A**

Note: All future costs and forecasted funding shown on this sheet are in 2026 dollars.

Project Name	System	CIP No.	Version
Water Conservation Projects	System Wide	300	Board Workshop

Project Justification

These water conservation projects address demand management, water loss prevention, and water loss control across the Authority's system. Anticipated funding is through the HGSD grant program as stipulated in the ILA.

Project Description

This project series will include implementation and rollout of the updated AMI system, installation of monitoring devices to detect and eliminate system water losses, and condition assessments for water loss mitigation.

Project Map

WRFs Connected

Name	Demand last permit year (mgd)
N/A	N/A

Schedule

Phase	Start Year
Planning	2026
Design	2026
Construction	2027
In Service	Future
Closeout	Future

CIP Category	Previous Authorizations Executed (Thousands)	Fiscal Year Planned Authorizations (Thousands)						Total Expected Project Cost (Thousands)
		2027	2028	2029	2030	2031	Future	
Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ -	$ -	$ -	$ 500	$ 1,000	$ -	$ -	$ 1,500
Construction	$ -	$ 7,000	$ 3,000	$ -	$ -	$ 500	$ -	$ 10,500
Equipment	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Other	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Grand Total	**$ -**	**$ 7,000**	**$ 3,000**	**$ 500**	**$ 1,000**	**$ 500**	**$ -**	**$ 12,000**

Source of Funds	Previous Funding Received (Thousands)	Fiscal Year Planned Funding (Thousands)						Total Expected Project Funding (Thousands)
		2027	2028	2029	2030	2031	Future	
SWIFT	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Participant	$ -	$ -	$ 3,500	$ 3,500	$ 3,500	$ 1,000	$ 500	$ 12,000
Capital Funds	$ -	$ 7,000	$ (500)	$ (3,000)	$ (2,500)	$ (500)	$ (500)	$ -
Grand Total	**$ -**	**$ 7,000**	**$ 3,000**	**$ 500**	**$ 1,000**	**$ 500**	**$ -**	**$ 12,000**

Note: All future costs and forecasted funding shown on this sheet are in 2026 dollars.

Project Name	System	CIP No.	Version
Additional Supply	Supply	800	Board Workshop

Project Justification

The Authority needs 20+mgd of additional supply to meet the HGSD conversion mandate.

Project Description

This project is for the Authority to purchase supply in the re-rated NEWPP Plant 2 from the City of Houston. The re-rate will require several improvements to increase its capacity.

Project Map

WRFs Connected

Name	Demand last permit year (mgd)
N/A	N/A - Supply Only

Schedule

Phase	Start Year
Planning	2026
Design	2028
Construction	Future
In Service	Future
Closeout	Future

CIP Category	Previous Authorizations Executed (Thousands)	Fiscal Year Planned Authorizations (Thousands)						Total Expected Project Cost (Thousands)
		2027	2028	2029	2030	2031	Future	
Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Other	$ -	$ 1,000	$ 5,000	$ -	$ 50,000	$ 5,000	$ 50,000	$ 111,000
Grand Total	**$ -**	**$ 1,000**	**$ 5,000**	**$ -**	**$ 50,000**	**$ 5,000**	**$ 50,000**	**$ 111,000**

Source of Funds	Previous Funding Received (Thousands)	Fiscal Year Planned Funding (Thousands)						Total Expected Project Funding (Thousands)
		2027	2028	2029	2030	2031	Future	
SWIFT	$ -	$ 1,000	$ 5,000	$ -	$ 50,000	$ 5,000	$ 50,000	$ 111,000
Participant	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Capital Funds	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Grand Total	**$ -**	**$ 1,000**	**$ 5,000**	**$ -**	**$ 50,000**	**$ 5,000**	**$ 50,000**	**$ 111,000**

Note: All future costs and forecasted funding shown on this sheet are in 2026 dollars.

Project Name	System	CIP No.	Version
Transmission from Supply to Authority System	Transmission	810	Board Workshop

Project Justification

Additional supply must be conveyed from NEWPP to the Authority's Regional Pump Stations (RPS), which is necessary to meet the HGSD conversion mandate.

Project Description

This project includes a new transmission line from existing NEWPP to Authority RPSs. Alignment and sizing to be confirmed once available capacity in existing lines is reviewed. Budget assumes a new 36" pipe is needed along NETL corridor.

Project Map

WRFs Connected

Name	Demand last permit year (mgd)
N/A	N/A - Transmission Only

Schedule

Phase	Start Year
Planning	2028
Design	2029
Construction	2031
In Service	Future
Closeout	Future

CIP Category	Previous Authorizations Executed (Thousands)	Fiscal Year Planned Authorizations (Thousands)						Total Expected Project Cost (Thousands)
		2027	2028	2029	2030	2031	Future	
Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Other	$ -	$ -	$ 1,580	$ 35,889	$ 13,050	$ 196,626	$ -	$ 247,145
Grand Total	**$ -**	**$ -**	**$ 1,580**	**$ 35,889**	**$ 13,050**	**$ 196,626**	**$ -**	**$ 247,145**

Source of Funds	Previous Funding Received (Thousands)	Fiscal Year Planned Funding (Thousands)						Total Expected Project Funding (Thousands)
		2027	2028	2029	2030	2031	Future	
SWIFT	$ -	$ -	$ 1,580	$ 35,889	$ 13,050	$ 196,626	$ -	$ 247,145
Participant	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Capital Funds	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Grand Total	**$ -**	**$ -**	**$ 1,580**	**$ 35,889**	**$ 13,050**	**$ 196,626**	**$ -**	**$ 247,145**

Note: All future costs and forecasted funding shown on this sheet are in 2026 dollars.

Project Name	System	CIP No.	Version
New Regional Pump Station	Distribution	820	Board Workshop

Project Justification

Additional pumping is needed to convey existing and future supply throughout the Authority's distribution system to meet the HGSD conversion mandate.

Project Description

This series includes the construction of a new pump station located between the two existing pump stations, near the existing transmission line from NEWPP. It also includes a discharge line into the Authority distribution system.

Project Map

WRFs Connected

Name	Demand last permit year (mgd)
N/A	N/A - Pumping Only

Schedule

Phase	Start Year
Planning	2027
Design	2029
Construction	2031
In Service	Future
Closeout	Future

CIP Category	Previous Authorizations Executed (Thousands)	Fiscal Year Planned Authorizations (Thousands)						Total Expected Project Cost (Thousands)
		2027	2028	2029	2030	2031	Future	
Acquisition	$ -	$ 15,350	$ -	$ 350	$ 612	$ -	$ -	$ 16,312
Design	$ -	$ 1,150	$ 225	$ 17,910	$ -	$ -	$ -	$ 19,285
Construction	$ -	$ -	$ -	$ -	$ -	$ -	$ 145,445	$ 145,445
Equipment	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Other	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Grand Total	**$ -**	**$ 16,500**	**$ 225**	**$ 18,260**	**$ 612**	**$ -**	**$ 145,445**	**$ 181,042**

Source of Funds	Previous Funding Received (Thousands)	Fiscal Year Planned Funding (Thousands)						Total Expected Project Funding (Thousands)
		2027	2028	2029	2030	2031	Future	
SWIFT	$ -	$ 16,500	$ 225	$ 18,260	$ 612	$ -	$ 145,445	$ 181,042
Participant	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Capital Funds	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Grand Total	**$ -**	**$ 16,500**	**$ 225**	**$ 18,260**	**$ 612**	**$ -**	**$ 145,445**	**$ 181,042**

Note: All future costs and forecasted funding shown on this sheet are in 2026 dollars.

Project Name	System	CIP No.	Version
West Repump Station	Distribution	830	Board Workshop

Project Justification

The Authority needs a repump station to pressurize Project 37 series and beyond the Grand Parkway. This project is necessary to meet the HGSD conversion mandate.

Project Description

This project involves the construction of a 24-MGD pump station, with 12 MG of onsite storage, at a new site located on Grant Road.

Project Map

WRFs Connected

Name	Demand last permit year (mgd)
N/A	N/A - Pumping Only

Schedule

Phase	Start Year
Planning	2027
Design	2029
Construction	2031
In Service	Future
Closeout	Future

CIP Category	Previous Authorizations Executed (Thousands)	Fiscal Year Planned Authorizations (Thousands)						Total Expected Project Cost (Thousands)
		2027	2028	2029	2030	2031	Future	
Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ -	$ 400	$ -	$ 14,020	$ -	$ -	$ -	$ 14,420
Construction	$ -	$ -	$ -	$ -	$ -	$ -	$ 108,025	$ 108,025
Equipment	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Other	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Grand Total	**$ -**	**$ 400**	**$ -**	**$ 14,020**	**$ -**	**$ -**	**$108,025**	**$ 122,445**

Source of Funds	Previous Funding Received (Thousands)	Fiscal Year Planned Funding (Thousands)						Total Expected Project Funding (Thousands)
		2027	2028	2029	2030	2031	Future	
SWIFT	$ -	$ 400	$ -	$ 14,020	$ -	$ -	$ 108,025	$ 122,445
Participant	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Capital Funds	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Grand Total	**$ -**	**$ 400**	**$ -**	**$ 14,020**	**$ -**	**$ -**	**$108,025**	**$ 122,445**

Note: All future costs and forecasted funding shown on this sheet are in 2026 dollars.

Project Name	System	CIP No.	Version
Additional Repump Station Capacity	Distribution	840	Board Workshop

Project Justification

The Authority needs additional pumping capacity to deliver water north of Grand Parkway, including to the City of Tomball. This project is necessary to meet the HGSD conversion mandate.

Project Description

This project includes either the expansion of the existing Louetta Repump Station, or the construction of a new Repump Station nearby. Full build out of Louetta Repump Station would include (5) -10 MGD and (1)-7 MGD pumps and 18 MG of on site storage.

Project Map

WRFs Connected

Name	Demand last permit year (mgd)
N/A	N/A - Pumping Only

Schedule

Phase	Start Year
Planning	2027
Design	2029
Construction	2031
In Service	Future
Closeout	Future

CIP Category	Previous Authorizations Executed (Thousands)	Fiscal Year Planned Authorizations (Thousands)						Total Expected Project Cost (Thousands)
		2027	2028	2029	2030	2031	Future	
Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ -	$ 400	$ 14,010	$ -	$ -	$ -	$ -	$ 14,410
Construction	$ -	$ -	$ -	$ -	$ 108,025	$ -	$ -	$ 108,025
Equipment	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Other	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Grand Total	**$ -**	**$ 400**	**$ 14,010**	**$ -**	**$ 108,025**	**$ -**	**$ -**	**$ 122,435**

Source of Funds	Previous Funding Received (Thousands)	Fiscal Year Planned Funding (Thousands)						Total Expected Project Funding (Thousands)
		2027	2028	2029	2030	2031	Future	
SWIFT	$ -	$ 400	$ 14,010	$ -	$ 108,025	$ -	$ -	$ 122,435
Participant	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Capital Funds	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Grand Total	**$ -**	**$ 400**	**$ 14,010**	**$ -**	**$ 108,025**	**$ -**	**$ -**	**$ 122,435**

Note: All future costs and forecasted funding shown on this sheet are in 2026 dollars.

Project Name	System	CIP No.	Version
Hardy Regional Pump Station Buildout	Distribution	850	Board Workshop

Project Justification

The Authority needs additional pumping capacity to deliver water to the northeast service area. This project is necessary to meet the HGSD conversion mandate.

Project Description

This project includes installation of one additional 11.1-MGD pump and construction of one additional 10-MG storage tank. The Hardy Pump Station site is laid out for this planned phased expansion.

Project Map

WRFs Connected

Name	Demand last permit year (mgd)
N/A	N/A - Pumping Only

Schedule

Phase	Start Year
Planning	2030
Design	2030
Construction	Future
In Service	Future
Closeout	Future

CIP Category	Previous Authorizations Executed (Thousands)	Fiscal Year Planned Authorizations (Thousands)						Total Expected Project Cost (Thousands)
		2027	2028	2029	2030	2031	Future	
Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ -	$ -	$ -	$ -	$ 2,800	$ -	$ -	$ 2,800
Construction	$ -	$ -	$ -	$ -	$ -	$ -	$ 21,625	$ 21,625
Equipment	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Other	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Grand Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ 2,800**	**$ -**	**$ 21,625**	**$ 24,425**

Source of Funds	Previous Funding Received (Thousands)	Fiscal Year Planned Funding (Thousands)						Total Expected Project Funding (Thousands)
		2027	2028	2029	2030	2031	Future	
SWIFT	$ -	$ -	$ -	$ -	$ 2,800	$ -	$ 21,625	$ 24,425
Participant	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Capital Funds	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Grand Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ 2,800**	**$ -**	**$ 21,625**	**$ 24,425**

Note: All future costs and forecasted funding shown on this sheet are in 2026 dollars.

Project Name	System	CIP No.	Version
Enhanced Transmission within Authority System	Distribution	860	Board Workshop

Project Justification

The Authority needs to make hydraulic improvements within the existing distribution system to eliminate hydraulic bottlenecks. These improvements are necessary to meet the HGSD conversion mandate.

Project Description

This project series includes construction of a second discharge line from Schindewolf Pump Station, construction of larger diameter pipelines within existing easements, and hydraulic modeling efforts in support of the future conversion.

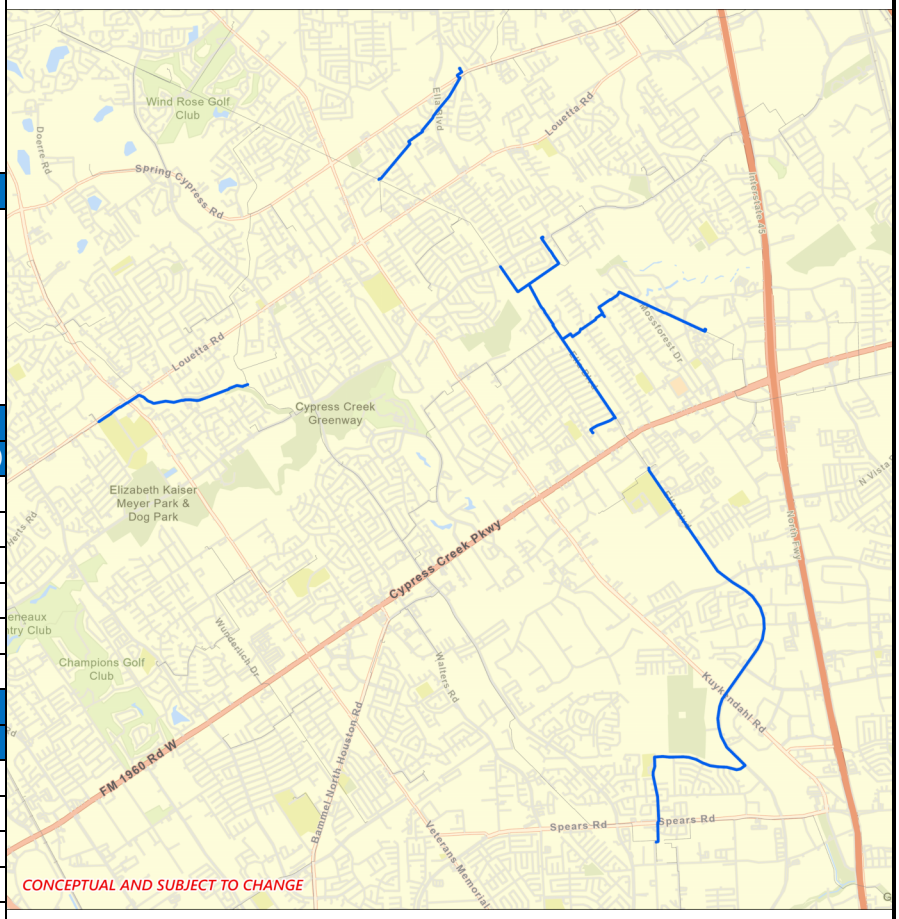
WRFs Connected

Name	Demand last permit year (mgd)
N/A	N/A - Pipes Only

Schedule

Phase	Start Year
Planning	2027
Design	2028
Construction	Future
In Service	Future
Closeout	Future

Project Map



CIP Category	Previous Authorizations Executed (Thousands)	Fiscal Year Planned Authorizations (Thousands)						Total Expected Project Cost (Thousands)
		2027	2028	2029	2030	2031	Future	
Acquisition	$ -	$ -	$ -	$ 1,750	$ 2,277	$ -	$ -	$ 4,027
Design	$ -	$ 1,325	$ 1,000	$ 5,934	$ 1,110	$ 5,534	$ -	$ 14,903
Construction	$ -	$ -	$ -	$ -	$ -	$ -	$ 72,182	$ 72,182
Equipment	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Other	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Grand Total	**$ -**	**$ 1,325**	**$ 1,000**	**$ 7,684**	**$ 3,387**	**$ 5,534**	**$ 72,182**	**$ 91,112**

Source of Funds	Previous Funding Received (Thousands)	Fiscal Year Planned Funding (Thousands)						Total Expected Project Funding (Thousands)
		2027	2028	2029	2030	2031	Future	
SWIFT	$ -	$ 1,325	$ 1,000	$ 7,684	$ 3,387	$ 5,534	$ 72,182	$ 91,112
Participant	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Capital Funds	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Grand Total	**$ -**	**$ 1,325**	**$ 1,000**	**$ 7,684**	**$ 3,387**	**$ 5,534**	**$ 72,182**	**$ 91,112**

Note: All future costs and forecasted funding shown on this sheet are in 2026 dollars.

Project Name	System	CIP No.	Version
Infill WRFs from Existing System	Distribution	870	Board Workshop

Project Justification

The Authority needs to convert additional water plants to meet future conversion requirements. This project will connect additional "infill" water plants to the existing system.

Project Description

This project connects various water plants that are near the existing distribution system.

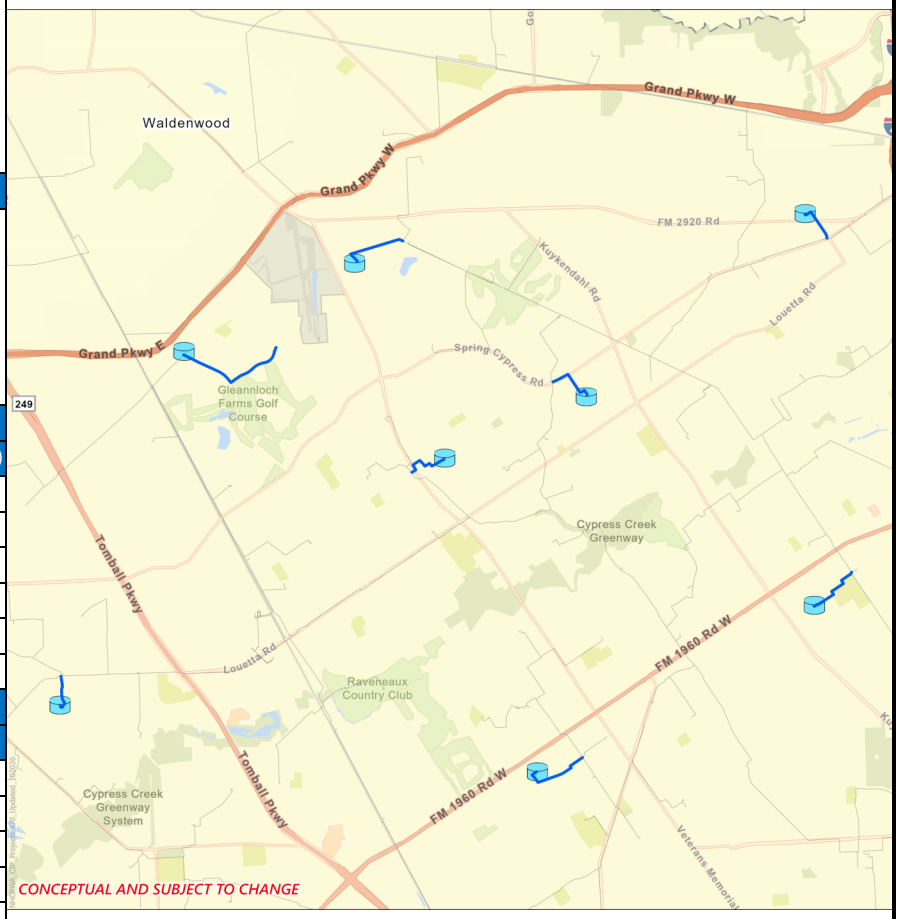
WRFs Connected

Name	Demand last permit year (mgd)
Various WPs (8)	3.00

Schedule

Phase	Start Year
Planning	2028
Design	2029
Construction	Future
In Service	Future
Closeout	Future

Project Map



CIP Category	Previous Authorizations Executed (Thousands)	Fiscal Year Planned Authorizations (Thousands)						Total Expected Project Cost (Thousands)
		2027	2028	2029	2030	2031	Future	
Acquisition	$ -	$ -	$ -	$ 3,150	$ 2,835	$ -	$ -	$ 5,985
Design	$ -	$ -	$ 2,170	$ 5,985	$ -	$ -	$ -	$ 8,155
Construction	$ -	$ -	$ -	$ -	$ -	$ -	$ 56,972	$ 56,972
Equipment	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Other	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Grand Total	**$ -**	**$ -**	**$ 2,170**	**$ 9,135**	**$ 2,835**	**$ -**	**$ 56,972**	**$ 71,112**

Source of Funds	Previous Funding Received (Thousands)	Fiscal Year Planned Funding (Thousands)						Total Expected Project Funding (Thousands)
		2027	2028	2029	2030	2031	Future	
SWIFT	$ -	$ -	$ 2,170	$ 9,135	$ 2,835	$ -	$ 56,972	$ 71,112
Participant	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Capital Funds	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Grand Total	**$ -**	**$ -**	**$ 2,170**	**$ 9,135**	**$ 2,835**	**$ -**	**$ 56,972**	**$ 71,112**

Note: All future costs and forecasted funding shown on this sheet are in 2026 dollars.

Project Name	System	CIP No.	Version
Northern Service Area (Tomball, Klein, Spring)	Distribution	880	Board Workshop

Project Justification

The Authority needs to connect new water plants in the northern service area to meet the future HGSD conversion mandate.

Project Description

This project connects the next series of water plants in the northern service area (Tomball, Klein, Spring).

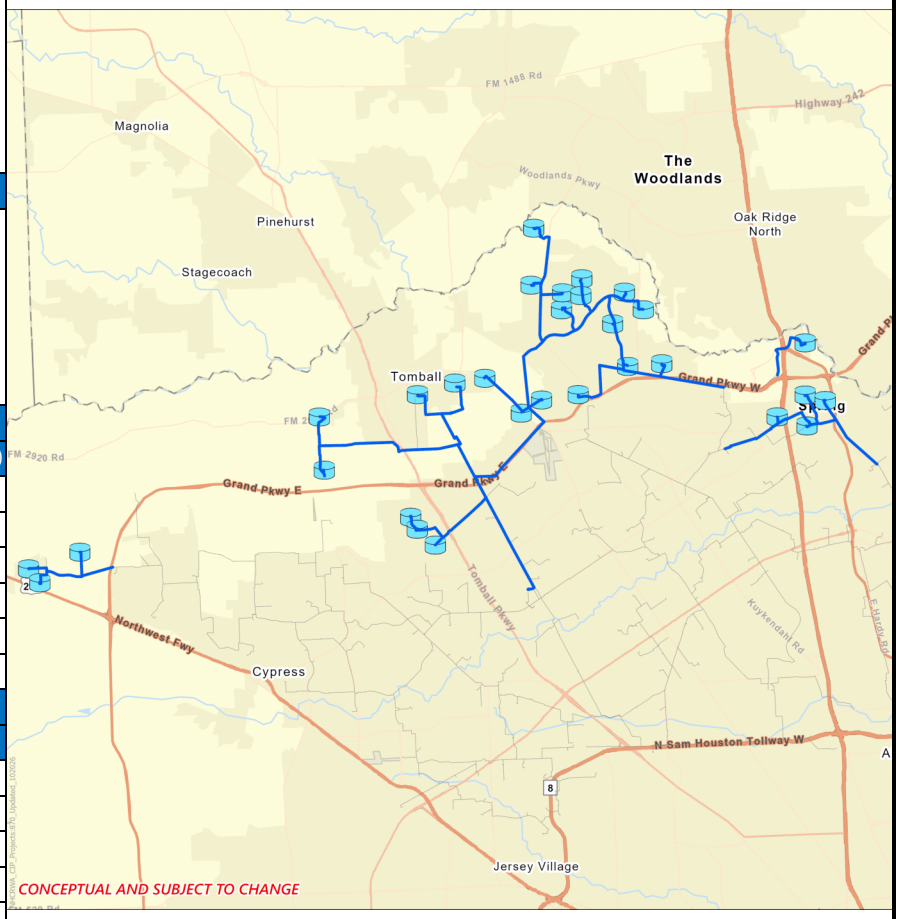
WRFs Connected

Name	Demand last permit year (mgd)
Various WPs (31)	18.00

Schedule

Phase	Start Year
Planning	2026
Design	2028
Construction	2031
In Service	Future
Closeout	Future

Project Map



CIP Category	Previous Authorizations Executed (Thousands)	Fiscal Year Planned Authorizations (Thousands)						Total Expected Project Cost (Thousands)
		2027	2028	2029	2030	2031	Future	
Acquisition	$ 100	$ -	$ 8,964	$ 14,724	$ 17,850	$ -	$ 21,816	$ 63,454
Design	$ 628	$ -	$ 19,100	$ 1,507	$ 48,613	$ -	$ -	$ 69,848
Construction	$ -	$ -	$ -	$ -	$ -	$ 146,319	$ 373,264	$ 519,583
Equipment	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Other	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Grand Total	**$ 728**	**$ -**	**$ 28,064**	**$ 16,231**	**$ 66,463**	**$146,319**	**$ 395,080**	**$ 652,885**

Source of Funds	Previous Funding Received (Thousands)	Fiscal Year Planned Funding (Thousands)						Total Expected Project Funding (Thousands)
		2027	2028	2029	2030	2031	Future	
SWIFT	$ 728	$ -	$ 28,064	$ 16,231	$ 66,463	$ 146,319	$ 395,080	$ 652,885
Participant	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Capital Funds	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Grand Total	**$ 728**	**$ -**	**$ 28,064**	**$ 16,231**	**$ 66,463**	**$146,319**	**$ 395,080**	**$ 652,885**

Note: All future costs and forecasted funding shown on this sheet are in 2026 dollars.

Project Name	System	CIP No.	Version
Service to Non-Contiguous NHCRWA Service Area	Transmission and Distribution	890	Board Workshop

Project Justification

As part of the future conversion, the Authority is planning to connect to the portion of the service area that is not contiguous with the main service area. This will be accomplished in partnership with the City of Houston.

Project Description

This project reflects the purchase of additional capacity via capacity buy-in to City of Houston GNEHSA transmission line. It also includes distribution and WRF improvements to deliver water to the WRFs.

Project Map

WRFs Connected

Name	Demand last permit year (mgd)
3 WPs	1.14

Schedule

Phase	Start Year
Planning	Future
Design	Future
Construction	Future
In Service	Future
Closeout	Future

CIP Category	Previous Authorizations Executed (Thousands)	Fiscal Year Planned Authorizations (Thousands)						Total Expected Project Cost (Thousands)
		2027	2028	2029	2030	2031	Future	
Acquisition	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Design	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Construction	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Equipment	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Other	$ -	$ -	$ -	$ -	$ -	$ -	$ 35,000	$ 35,000
Grand Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 35,000**	**$ 35,000**

Source of Funds	Previous Funding Received (Thousands)	Fiscal Year Planned Funding (Thousands)						Total Expected Project Funding (Thousands)
		2027	2028	2029	2030	2031	Future	
SWIFT	$ -	$ -	$ -	$ -	$ -	$ -	$ 35,000	$ 35,000
Participant	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Capital Funds	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Grand Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 35,000**	**$ 35,000**

Note: All future costs and forecasted funding shown on this sheet are in 2026 dollars.