



Highlands
Ten-Year Project Plan
FY 2024 – FY 2033

Date: 02/28/2023

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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).

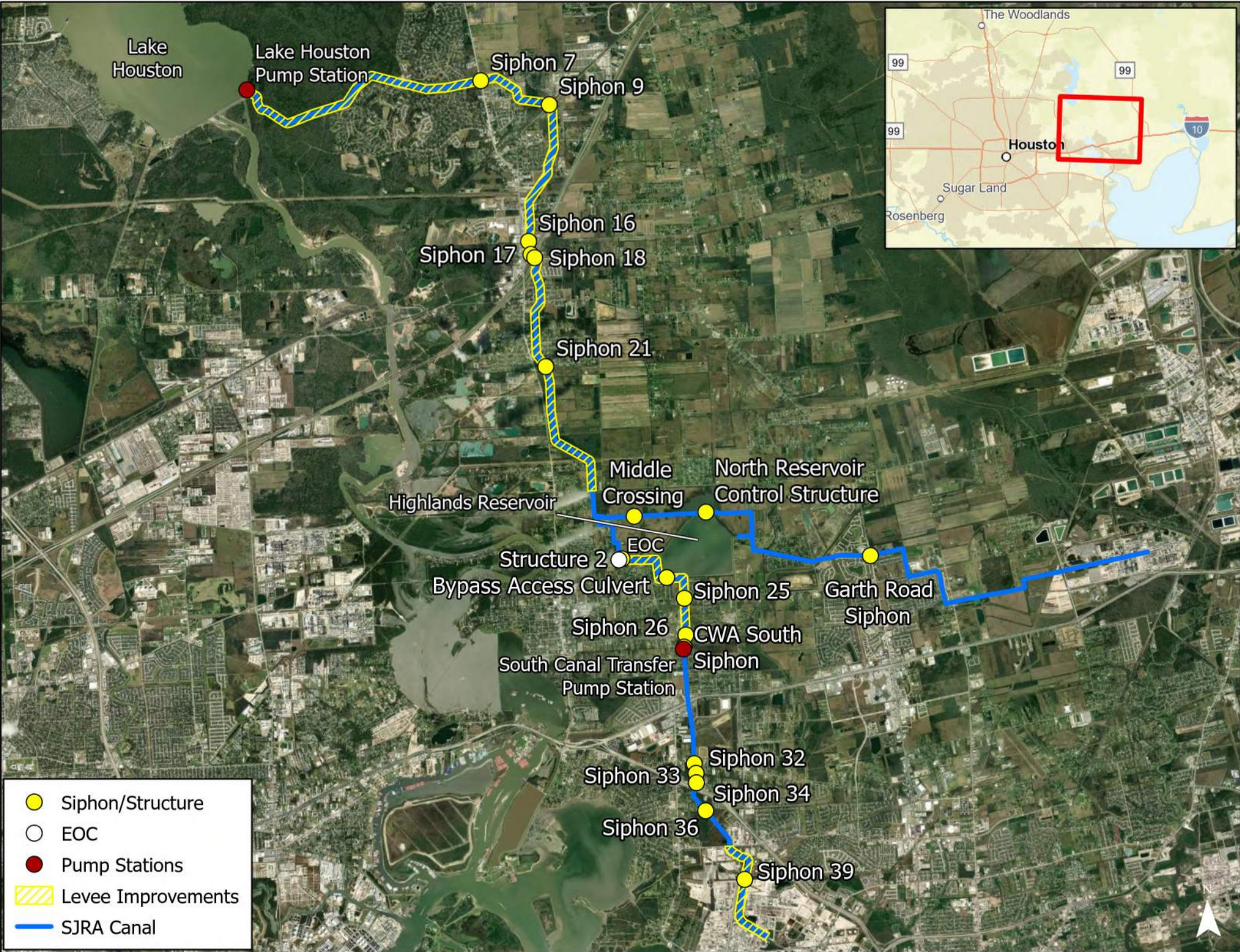
Key Focus Areas:

- 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



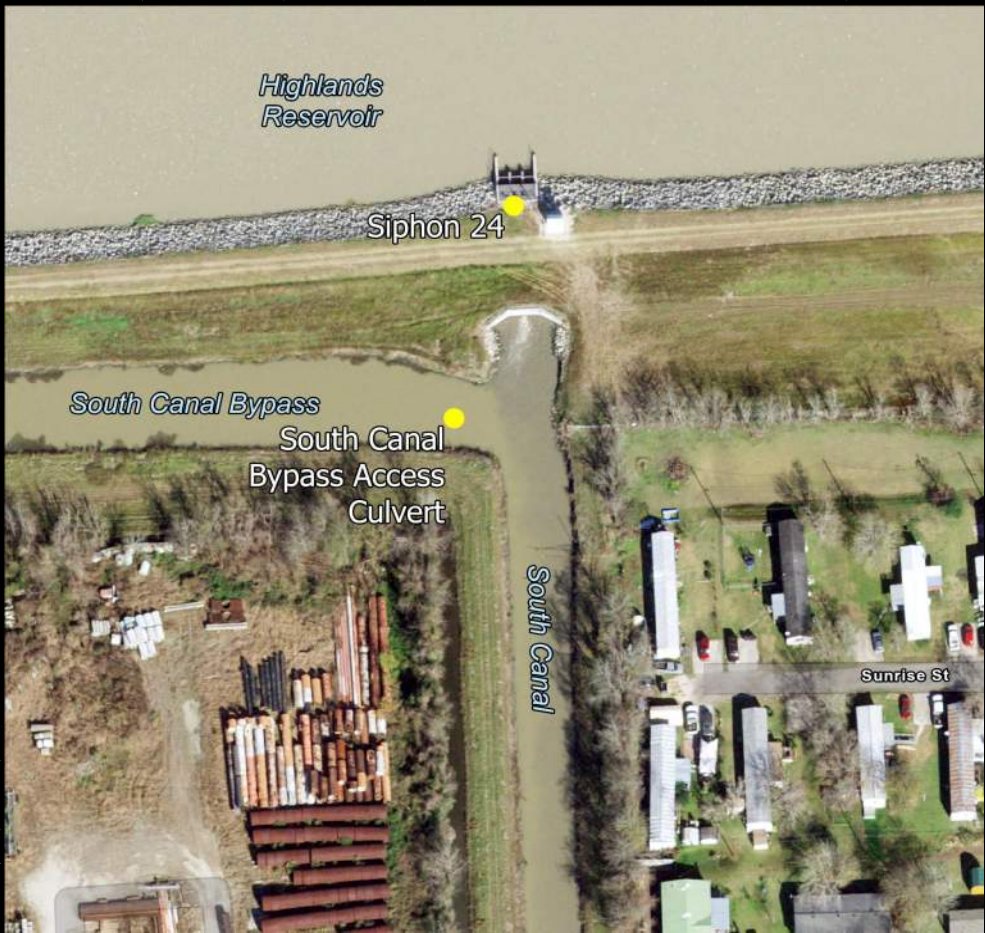
Highlands Project Summary

Highlands Division
FY 2024 - FY 2033 Projects

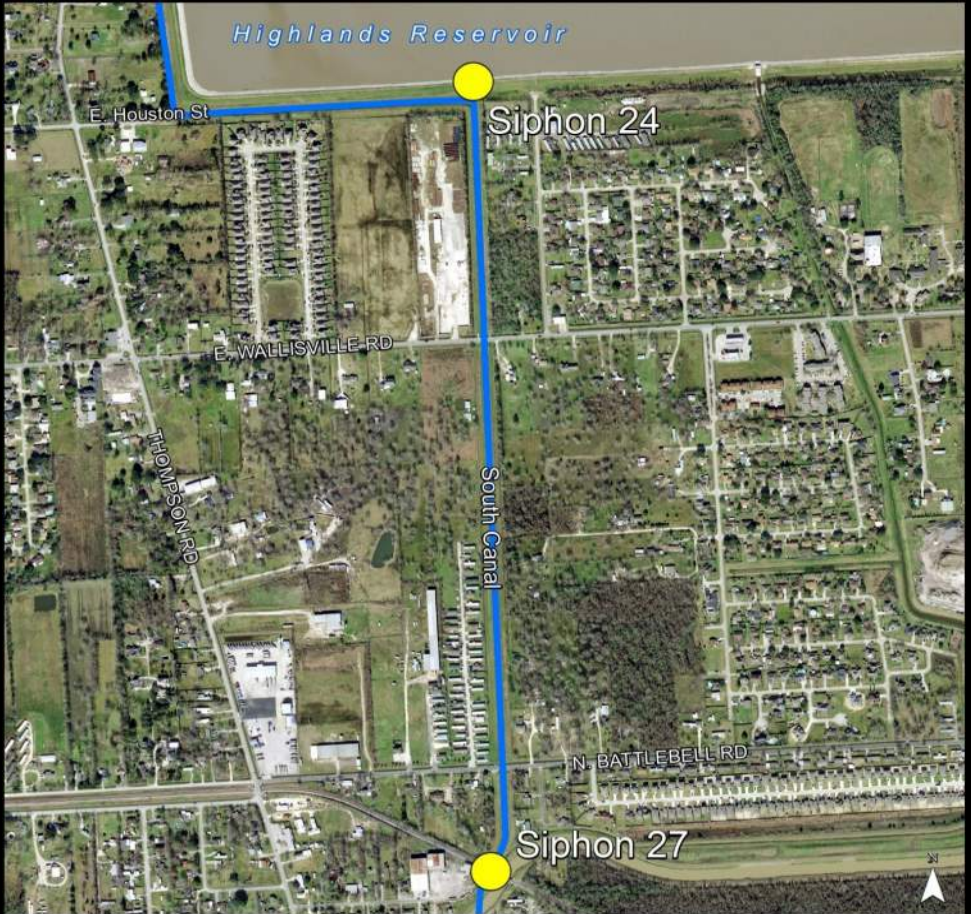
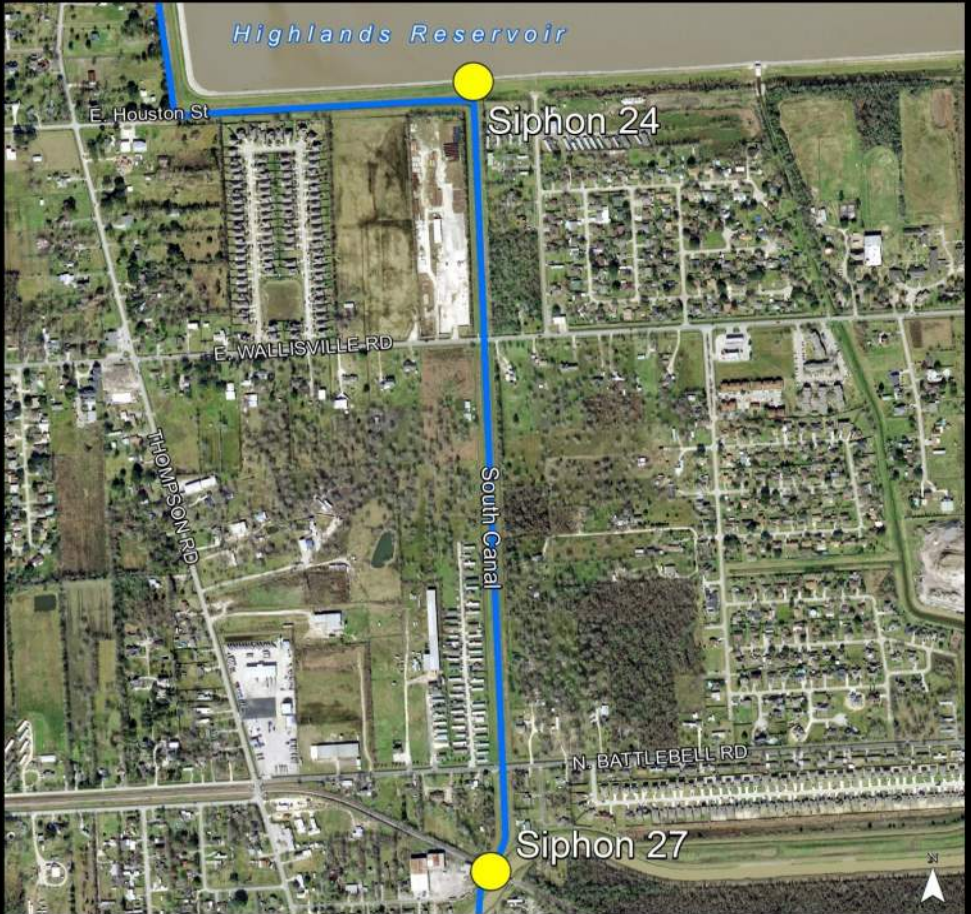
| PAGE NO. | PROJECT ID | PROJECT NAME | ESTIMATED EXPENDITURES THROUGH END OF FY 2023 | 2024 ESTIMATE | 2025 ESTIMATE | 2026 ESTIMATE | 2027 ESTIMATE | 2028 ESTIMATE | 2029 ESTIMATE | 2030 ESTIMATE | 2031 ESTIMATE | 2032 ESTIMATE | 2033 ESTIMATE | TOTAL |
|----------|------------|--|---|----------------------|----------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|
| 4 | HSI07 | Siphon 7 Improvements | \$ 2,327,240 | \$ 790,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 3,117,240 |
| 5 | HSCAC | South Canal Bypass Access Culvert | \$ 604,222 | \$ 80,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 684,222 |
| 6 | H2427 | South Canal Levee Improvements between Siphons 24 and 27 | \$ 597,810 | \$ 56,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 653,810 |
| 7 | HSI25 | Siphon 25 Improvements | \$ 2,096,546 | \$ 182,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 2,278,546 |
| 8 | HSI26 | 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 | HS16R | Siphon 16 Erosion Repair | \$ 61,528 | \$ 226,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 287,528 |
| 11 | HS17R | Siphon 17 Erosion Repair | \$ 74,910 | \$ 226,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 300,910 |
| 12 | HS18R | Siphon 18 Grade Repairs | \$ 73,219 | \$ 226,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 299,219 |
| 13 | HMCCR | 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 |
| | | Customer Contribution | \$ 511,989 | | \$ 659,000 | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 1,170,989 |
| 18 | HSI39 | Siphon 39 Improvements | \$ 343,059 | \$ 320,000 | \$ 4,202,000 | \$ 1,443,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 6,308,059 |
| | | 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 | HSI21 | 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 | HSI32 | Siphon 32 Improvements | \$ - | \$ - | \$ - | \$ - | \$ 225,000 | \$ 463,000 | \$ 5,012,000 | \$ - | \$ - | \$ - | \$ - | \$ 5,700,000 |
| 33 | HSI33 | 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 | HSI09 | Siphon 9 Improvements | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 241,000 | \$ 744,000 | \$ 7,658,000 | \$ 3,680,000 | \$ - | \$ 12,323,000 |
| 36 | HSI36 | 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 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | 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 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 3,064,048 |
| | | TOTALS | \$ 14,198,185 | \$ 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 | \$ 95,181,185 |

| PROJECT NAME | | | | PROJECT ID | | FISCAL YEAR | | | DIVISION | | | |
|---|--------------|--------------|------------|---|---|--|-----------------------------------|------|-----------|------|------|------|
| Siphon 7 Improvements | | | | HSI07 | | 2016-2020/2022-2024 | | | Highlands | | | |
| PROJECT DESCRIPTION | | | | | | PROJECT MAP/PICTURE | | | | | | |
| <p>Phase 1 of this project included the installation of a long-term temporary canal bypass system designed to adequately pass up to 60 MGD, with 1.5 feet of freeboard, in the Main Canal. The bypass system is required to accommodate the widening of FM 2100 by Texas Department of Transportation (TxDOT). Ultimately, Siphon 7 will consist of dual 4 ft. x 8 ft. box culverts, to be constructed by TxDOT's Contractor. Currently, SJRA has no access to its easement off of FM 2100 on the east side due to a roadside drainage ditch. During the road expansion, TxDOT will provide improved access to SJRA's easement by placing curb cuts on both the east and west sides of FM 2100. Also, no road median will be installed across SJRA's easement.</p> <p>Phase 2 of this project will consist of removal/abandonment of the temporary canal bypass system, removal of earthen cofferdams, and canal levee work to transition the existing canal levees to the new culvert crossing. Phase 2 work will be performed by SJRA's contractor.</p> <p>Project required due to age, structural condition, and potential for failure of existing siphon. This project has been accelerated in SJRA's Project Plan due to TxDOT's project to widen FM 2100.</p> | | | | | |  | | | | | | |
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| PROJECT SCHEDULE | | | | DELIVERY | FUNDING |  | | | | | | |
| Initiate Cons. Selection: | FY 2022 - Q2 | | | <input checked="" type="checkbox"/> CSP | <input checked="" type="checkbox"/> O&M | | | | | | | |
| PSA/WO Issued: | FY 2022 - Q2 | | | <input type="checkbox"/> Other | <input checked="" type="checkbox"/> Bonds | | | | | | | |
| Final Proposal Docs: | FY 2023 - Q4 | | | | <input checked="" type="checkbox"/> R&R | | | | | | | |
| Proposals/Bids Received: | FY 2023 - Q4 | | | | <input type="checkbox"/> Other | | | | | | | |
| Constr. Contract to Board: | FY 2024 - Q1 | | | 2015 TWDB | | | | | | | | |
| Substantial Completion: | | | | FY 2024 - Q3 | | <input checked="" type="checkbox"/> Capitalized | <input type="checkbox"/> Expensed | | | | | |
| 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 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| CPS, CM&I, and CMT | \$ 246,610 | \$ 174,610 | \$ 72,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Land Acquisition | \$ 11,958 | \$ 11,958 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Equipment Purchase | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Total | \$ 3,117,240 | \$ 2,327,240 | \$ 790,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |



*Budget includes contingency.

| PROJECT NAME | | | | PROJECT ID | | FISCAL YEAR | | | DIVISION | | | | |
|---|--------------|---|---|------------|---------|--|------|------|-----------|------|------|------|--|
| South Canal Bypass Access Culvert | | | | HSCAC | | 2021-2024 | | | Highlands | | | | |
| PROJECT DESCRIPTION | | | | | | PROJECT MAP/PICTURE | | | | | | | |
| <p>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).</p> | | | | | |  | | | | | | | |
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| PROJECT SCHEDULE | | | | DELIVERY | FUNDING | | | | | | | | |
| Initiate Cons. Selection: | Completed | <input checked="" type="checkbox"/> CSP | <input type="checkbox"/> O&M | | | | | | | | | | |
| PSA/WO Issued: | Completed | <input type="checkbox"/> Other | <input type="checkbox"/> Bonds | | | | | | | | | | |
| Final Proposal Docs: | Completed | | <input checked="" type="checkbox"/> R&R | | | | | | | | | | |
| Proposals/Bids Received: | Completed | | <input type="checkbox"/> Other | | | | | | | | | | |
| Constr. Contract to Board: | Completed | | | | | | | | | | | | |
| Substantial Completion: | FY 2024 - Q1 | <input checked="" type="checkbox"/> Capitalized | <input type="checkbox"/> Expensed | | | | | | | | | | |
| BUDGET* | TOTAL | PREVIOUS | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | |
| Planning/Permitting/PER | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |
| 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 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |



*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 | | | | | | |
| <p>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.</p> <p>This project is necessary to provide reliable conveyance of flows to downstream customers along with improving the stability of the canal levees.</p> | | | | | |  | | | | | | |
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| PROJECT SCHEDULE | | | | DELIVERY | | FUNDING | |  | | | | |
| Initiate Cons. Selection: | | Completed | | <input checked="" type="checkbox"/> CSP | | <input type="checkbox"/> O&M | | | | | | |
| PSA/WO Issued: | | Completed | | <input type="checkbox"/> Other | | <input checked="" type="checkbox"/> Bonds | | | | | | |
| Final Proposal Docs: | | Completed | | | | <input checked="" type="checkbox"/> R&R | | | | | | |
| Proposals/Bids Received: | | Completed | | | | <input type="checkbox"/> Other | | | | | | |
| Constr. Contract to Board: | | Completed | | | | 2015 TWDB | | | | | | |
| Substantial Completion: | | FY 2024 - Q1 | | <input type="checkbox"/> Capitalized | | <input checked="" type="checkbox"/> Expensed | | | | | | |
| BUDGET* | TOTAL | PREVIOUS | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 |
| Planning/Permitting/PER | \$ 156,394 | \$ 156,394 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Engineering/Design | \$ 96,267 | \$ 96,267 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Construction | \$ 382,016 | \$ 329,016 | \$ 53,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| CPS, CM&I, and CMT | \$ 19,133 | \$ 16,133 | \$ 3,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Land Acquisition | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Equipment Purchase | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Total | \$ 653,810 | \$ 597,810 | \$ 56,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |


*Budget includes contingency.

| PROJECT NAME | | | | PROJECT ID | | FISCAL YEAR | | | DIVISION | | | | |
|--|--------------|--------------|------------|---|------|--|------|--|-----------|------|------|------|--|
| Siphon 25 Improvements | | | | HSI25 | | 2020-2024 | | | Highlands | | | | |
| PROJECT DESCRIPTION | | | | | | PROJECT MAP/PICTURE | | | | | | | |
| <p>This project includes the removal of existing siphon pipes, headwalls, and appurtenances, and replacement with new dual siphons, headwalls and other appurtenances. Project is located on the South Canal at the first crossing, Wallisville Road, downstream of the Highlands Reservoir. SJRA performed preliminary and final engineering design with assistance from Texas Water Engineering. Project is packaged with other South Canal projects including Siphon 26 Improvements (HSI26), South Canal Levee Improvements between Siphons 24 and 27 (H2427), South Canal Bypass Access Culvert (HSCAC), and Reservoir Access Road (HAR24) in order to achieve most efficient/lowest cost design and construction.</p> <p>Project is required due to age, structural condition, and potential for failure of existing siphon. Project will also increase hydraulic capacity and reduce head loss across the siphon structure.</p> | | | | | |  | | | | | | | |
| | | | | | | | | | | | | | |
| PROJECT SCHEDULE | | | | DELIVERY | | FUNDING | |  | | | | | |
| Initiate Cons. Selection: | | Completed | | <input checked="" type="checkbox"/> CSP | | <input type="checkbox"/> O&M | | | | | | | |
| PSA/WO Issued: | | Completed | | <input type="checkbox"/> Other | | <input checked="" type="checkbox"/> Bonds | | | | | | | |
| Final Proposal Docs: | | Completed | | <div>2015 TWDB</div> | | <input checked="" type="checkbox"/> R&R | | | | | | | |
| Proposals/Bids Received: | | Completed | | | | <input type="checkbox"/> Other | | | | | | | |
| Constr. Contract to Board: | | Completed | | | | | | | | | | | |
| Substantial Completion: | | FY 2024 - Q1 | | <input checked="" type="checkbox"/> Capitalized | | <input type="checkbox"/> Expensed | | | | | | | |
| BUDGET* | TOTAL | PREVIOUS | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | |
| Planning/Permitting/PER | \$ 116,080 | \$ 116,080 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Engineering/Design | \$ 117,949 | \$ 117,949 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Construction | \$ 1,954,415 | \$ 1,786,415 | \$ 168,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |
| CPS, CM&I, and CMT | \$ 90,101 | \$ 76,101 | \$ 14,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Land Acquisition | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Equipment Purchase | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Total | \$ 2,278,546 | \$ 2,096,546 | \$ 182,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |


*Budget includes contingency.

| PROJECT NAME | | | | PROJECT ID | | FISCAL YEAR | | | DIVISION | | | |
|---|--------------|---|---|------------|---------|--|------|------|-----------|------|------|------|
| Siphon 26 Improvements | | | | HSI26 | | 2020-2024 | | | Highlands | | | |
| PROJECT DESCRIPTION | | | | | | PROJECT MAP/PICTURE | | | | | | |
| <p>This project includes the removal of existing siphon pipes, headwalls, and appurtenances, and replacement with new dual siphons, headwalls, and appurtenances. SJRA performed preliminary and final engineering design with assistance from Texas Water Engineering. Project is packaged with other South Canal projects including Siphon 25 Improvements (HSI25), South Canal Levee Improvements between Siphons 24 and 27 (H2427), South Canal Bypass Access Culvert (HSCAC), and Reservoir Access Road (HAR24) in order to achieve most efficient/lowest cost design and construction.</p> <p>Project is required due to age, structural condition, and potential for failure of existing siphon. Project will also increase hydraulic capacity and reduce head loss across the siphon structure.</p> | | | | | |  | | | | | | |
| | | | | | | | | | | | | |
| PROJECT SCHEDULE | | | | DELIVERY | FUNDING |  | | | | | | |
| Initiate Cons. Selection: | Completed | <input checked="" type="checkbox"/> CSP | <input type="checkbox"/> O&M | | | | | | | | | |
| PSA/WO Issued: | Completed | <input type="checkbox"/> Other | <input checked="" type="checkbox"/> Bonds | | | | | | | | | |
| Final Proposal Docs: | Completed | | <input checked="" type="checkbox"/> R&R | | | | | | | | | |
| Proposals/Bids Received: | Completed | | <input type="checkbox"/> Other | | | | | | | | | |
| Constr. Contract to Board: | Completed | 2015 TWDB | | | | | | | | | | |
| Substantial Completion: | FY 2024 - Q1 | <input checked="" type="checkbox"/> Capitalized | <input type="checkbox"/> Expensed | | | | | | | | | |
| BUDGET* | TOTAL | PREVIOUS | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 |
| Planning/Permitting/PER | \$ 114,976 | \$ 114,976 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Engineering/Design | \$ 125,984 | \$ 125,984 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Construction | \$ 1,384,301 | \$ 1,222,301 | \$ 162,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| CPS, CM&I, and CMT | \$ 87,551 | \$ 73,551 | \$ 14,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Land Acquisition | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Equipment Purchase | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Total | \$ 1,712,811 | \$ 1,536,811 | \$ 176,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |


*Budget includes contingency.

| PROJECT NAME | | | | PROJECT ID | | FISCAL YEAR | | | DIVISION | | | |
|--|--------------|--------------|------------|---|---|--|------|------|-----------|------|------|------|
| Reservoir Access Road | | | | HAR24 | | 2021-2024 | | | Highlands | | | |
| PROJECT DESCRIPTION | | | | | | PROJECT MAP/PICTURE | | | | | | |
| <p>Project includes installation of an articulated concrete block all-weather access roadway from the north side of the Highlands Emergency Operations Center to the southeast corner of the Highlands Reservoir Dam. This will allow for an improved turnaround area on the east end and provide access to a potential material storage area where materials such as riprap could be stockpiled for emergency purposes.</p> <p>At times during inclement weather it is necessary for SJRA staff to access the Emergency Spillway as well as Siphon 24 to install stop logs, open/close water control gates, and perform other maintenance and operational changes. An all weather access roadway will provide staff with a more reliable way to access critical structures during wet weather events.</p> <p>Project will occur with the South Canal Improvements Program Phase 2 project which also includes HSI25, HSI26, H2427, and HSCAC.</p> | | | | | |  | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| PROJECT SCHEDULE | | | | DELIVERY | FUNDING | | | | | | | |
| Initiate Cons. Selection: | | Completed | | <input checked="" type="checkbox"/> CSP | <input type="checkbox"/> O&M | | | | | | | |
| PSA/WO Issued: | | Completed | | <input type="checkbox"/> Other | <input type="checkbox"/> Bonds | | | | | | | |
| Final Proposal Docs: | | Completed | | | <input checked="" type="checkbox"/> R&R | | | | | | | |
| Proposals/Bids Received: | | Completed | | | <input type="checkbox"/> Other | | | | | | | |
| Constr. Contract to Board: | | Completed | | | | | | | | | | |
| Substantial Completion: | | FY 2024 - Q1 | | <input checked="" type="checkbox"/> Capitalized | <input type="checkbox"/> Expensed | | | | | | | |
| BUDGET* | TOTAL | PREVIOUS | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 |
| Planning/Permitting/PER | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Engineering/Design | \$ 72,451 | \$ 72,451 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Construction | \$ 1,389,226 | \$ 1,227,226 | \$ 162,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| CPS, CM&I, and CMT | \$ 88,321 | \$ 74,321 | \$ 14,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Land Acquisition | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Equipment Purchase | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Total | \$ 1,549,998 | \$ 1,373,998 | \$ 176,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |



*Budget includes contingency.

| PROJECT NAME | | | | PROJECT ID | | FISCAL YEAR | | DIVISION | | | | |
|--|------------|-----------|------------|---|------|--|------|-----------|------|------|------|------|
| Siphon 16 Erosion Repair | | | | HS16R | | 2023-2024 | | Highlands | | | | |
| PROJECT DESCRIPTION | | | | | | PROJECT MAP/PICTURE | | | | | | |
| <p>Project includes erosion repairs including installation of sheet piling and grout filling voids behind the headwall. Additionally, levees immediately upstream and downstream of the structure will be repaired. These repairs will extend the useful life of the structure until it can be replaced.</p> <p>Project to be designed and constructed with HS17R and HS18R.</p> | | | | | |  | | | | | | |
| | | | | | | | | | | | | |
| PROJECT SCHEDULE | | | | DELIVERY | | FUNDING | | | | | | |
| Initiate Cons. Selection: Completed | | | | <input checked="" type="checkbox"/> CSP | | <input type="checkbox"/> O&M | | | | | | |
| PSA/WO Issued: Completed | | | | <input type="checkbox"/> Other | | <input type="checkbox"/> Bonds | | | | | | |
| Final Proposal Docs: FY 2023 - Q4 | | | | | | <input checked="" type="checkbox"/> R&R | | | | | | |
| Proposals/Bids Received: FY 2024 - Q1 | | | | | | <input type="checkbox"/> Other | | | | | | |
| Constr. Contract to Board: FY 2024 - Q1 | | | | | | | | | | | | |
| Substantial Completion: FY 2024 - Q3 | | | | <input checked="" type="checkbox"/> Capitalized | | <input type="checkbox"/> Expensed | | | | | | |
| BUDGET* | TOTAL | PREVIOUS | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 |
| Planning/Permitting/PER | \$ 9,360 | \$ 9,360 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Engineering/Design | \$ 57,168 | \$ 52,168 | \$ 5,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Construction | \$ 201,000 | \$ - | \$ 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 | | | | PROJECT ID | | FISCAL YEAR | | DIVISION | | | | | | |
|---|------------|-----------|------------|---|------|--|------|-----------|------|------|------|------|--------------------------------|--|
| Siphon 17 Erosion Repair | | | | HS17R | | 2023-2024 | | Highlands | | | | | | |
| PROJECT DESCRIPTION | | | | | | PROJECT MAP/PICTURE | | | | | | | | |
| <p>Project includes erosion repairs and installation of erosion protection to extend the useful life of the siphon until it can be replaced. Erosion has occurred behind the headwall on the upstream side and the cement sand on the downstream side needs to be removed and replaced.</p> <p>Project to be designed and constructed with HS16R and HS18R.</p> | | | | | |  | | | | | | | | |
| PROJECT SCHEDULE | | | | DELIVERY | | | | | | | | | FUNDING | |
| Initiate Cons. Selection: Completed | | | | <input checked="" type="checkbox"/> CSP | | | | | | | | | <input type="checkbox"/> O&M | |
| PSA/WO Issued: Completed | | | | <input type="checkbox"/> Other | | | | | | | | | <input type="checkbox"/> Bonds | |
| Final Proposal Docs: FY 2023 - Q4 | | | | | | <input checked="" type="checkbox"/> R&R | | | | | | | | |
| Proposals/Bids Received: FY 2024 - Q1 | | | | | | <input type="checkbox"/> Other | | | | | | | | |
| Constr. Contract to Board: FY 2024 - Q1 | | | | | | | | | | | | | | |
| Substantial Completion: FY 2024 - Q3 | | | | <input checked="" type="checkbox"/> Capitalized | | <input type="checkbox"/> Expensed | | | | | | | | |
| BUDGET* | TOTAL | PREVIOUS | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | | |
| Planning/Permitting/PER | \$ 10,350 | \$ 10,350 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | |
| Engineering/Design | \$ 69,560 | \$ 64,560 | \$ 5,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | |
| Construction | \$ 201,000 | \$ - | \$ 201,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | |
| CPS, CM&I, and CMT | \$ 20,000 | \$ - | \$ 20,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | |
| Land Acquisition | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | |
| Equipment Purchase | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | |
| Total | \$ 300,910 | \$ 74,910 | \$ 226,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | |


*Budget includes contingency.

| PROJECT NAME | | | | PROJECT ID | | FISCAL YEAR | | | DIVISION | | | | | | |
|--|------------|--------------|------------|---|------|--|------|--|-----------|------|------|------|--|--|--|
| Siphon 18 Grade Repairs | | | | HS18R | | 2023-2024 | | | Highlands | | | | | | |
| PROJECT DESCRIPTION | | | | | | PROJECT MAP/PICTURE | | | | | | | | | |
| <p>Project includes removal of the existing sloped pavement on the downstream side of Siphon 18. Due to erosion over time, the sloped pavement has been undermined leading to cracking of the pavement. In an effort to prevent further erosion around the headwall, the sloped pavement will be removed, regraded, and replaced with geotextile fabric and broken concrete riprap. The riprap will extend around the bend located immediately downstream of the siphon.</p> <p>Project to be designed and constructed with HS16R and HS17R.</p> | | | | | |  | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| PROJECT SCHEDULE | | | | DELIVERY | | FUNDING | |  | | | | | | | |
| Initiate Cons. Selection: | | Completed | | <input checked="" type="checkbox"/> CSP | | <input type="checkbox"/> O&M | | | | | | | | | |
| PSA/WO Issued: | | Completed | | <input type="checkbox"/> Other | | <input type="checkbox"/> Bonds | | | | | | | | | |
| Final Proposal Docs: | | FY 2023 - Q4 | | | | <input checked="" type="checkbox"/> R&R | | | | | | | | | |
| Proposals/Bids Received: | | FY 2024 - Q1 | | | | <input type="checkbox"/> Other | | | | | | | | | |
| Constr. Contract to Board: | | FY 2024 - Q1 | | <input checked="" type="checkbox"/> Capitalized <input type="checkbox"/> Expensed | | | | | | | | | | | |
| Substantial Completion: | | FY 2024 - Q3 | | | | | | | | | | | | | |
| BUDGET* | TOTAL | PREVIOUS | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | | | |
| Planning/Permitting/PER | \$ 8,560 | \$ 8,560 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | | |
| Engineering/Design | \$ 69,659 | \$ 64,659 | \$ 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 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | | |

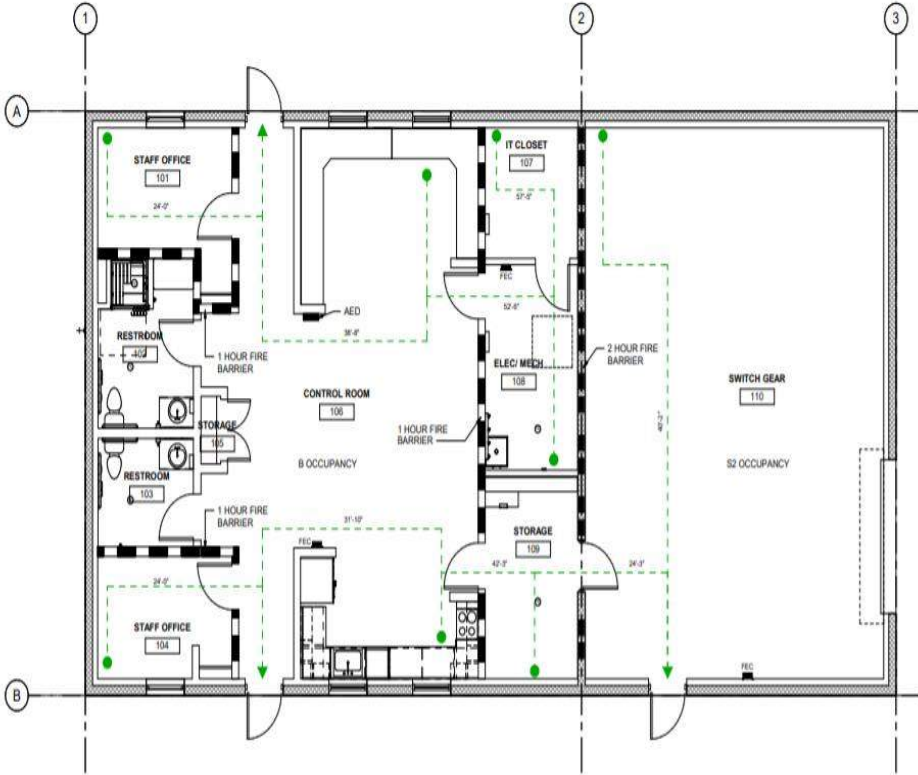
*Budget includes contingency.

| PROJECT NAME | | | | PROJECT ID | | FISCAL YEAR | | | DIVISION | | | | | |
|--|------------|--------------|------------|---|---|--|------|------|-----------|------|------|------|--|--|
| Middle Canal Culvert Replacement | | | | HMCCR | | 2023-2024 | | | Highlands | | | | | |
| PROJECT DESCRIPTION | | | | | | PROJECT MAP/PICTURE | | | | | | | | |
| <p>The Middle Canal Culvert is located on the East Canal north of the Highlands Reservoir. This structure allows for the raising of the upstream water surface elevation to push water into the Highlands Reservoir. Additionally, the driveway crossing this structure provides access from Barber's Hill Road to the Highlands Reservoir. This project consists of the replacement of the culvert and gate and installation of erosion protection in the form of riprap upstream and downstream of the structure. This project is needed to assist in operations of the canal system and to continue staff access to the reservoir from the north.</p> <p>Project to be designed and constructed with HNRCC.</p> | | | | | |  | | | | | | | | |
| | | | | | | | | | | | | | | |
| PROJECT SCHEDULE | | | | DELIVERY | FUNDING |  | | | | | | | | |
| Initiate Cons. Selection: | | Completed | | <input checked="" type="checkbox"/> CSP | <input type="checkbox"/> O&M | | | | | | | | | |
| PSA/WO Issued: | | Completed | | <input type="checkbox"/> Other | <input type="checkbox"/> Bonds | | | | | | | | | |
| Final Proposal Docs: | | FY 2023 - Q4 | | | <input checked="" type="checkbox"/> R&R | | | | | | | | | |
| Proposals/Bids Received: | | FY 2023 - Q4 | | | <input type="checkbox"/> Other | | | | | | | | | |
| Constr. Contract to Board: | | FY 2023 - Q4 | | | | | | | | | | | | |
| Substantial Completion: | | FY 2024 - Q2 | | <input checked="" type="checkbox"/> Capitalized | <input type="checkbox"/> Expensed | | | | | | | | | |
| 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 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | |
| Equipment Purchase | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | |
| Total | \$ 157,385 | \$ 47,385 | \$ 110,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | |

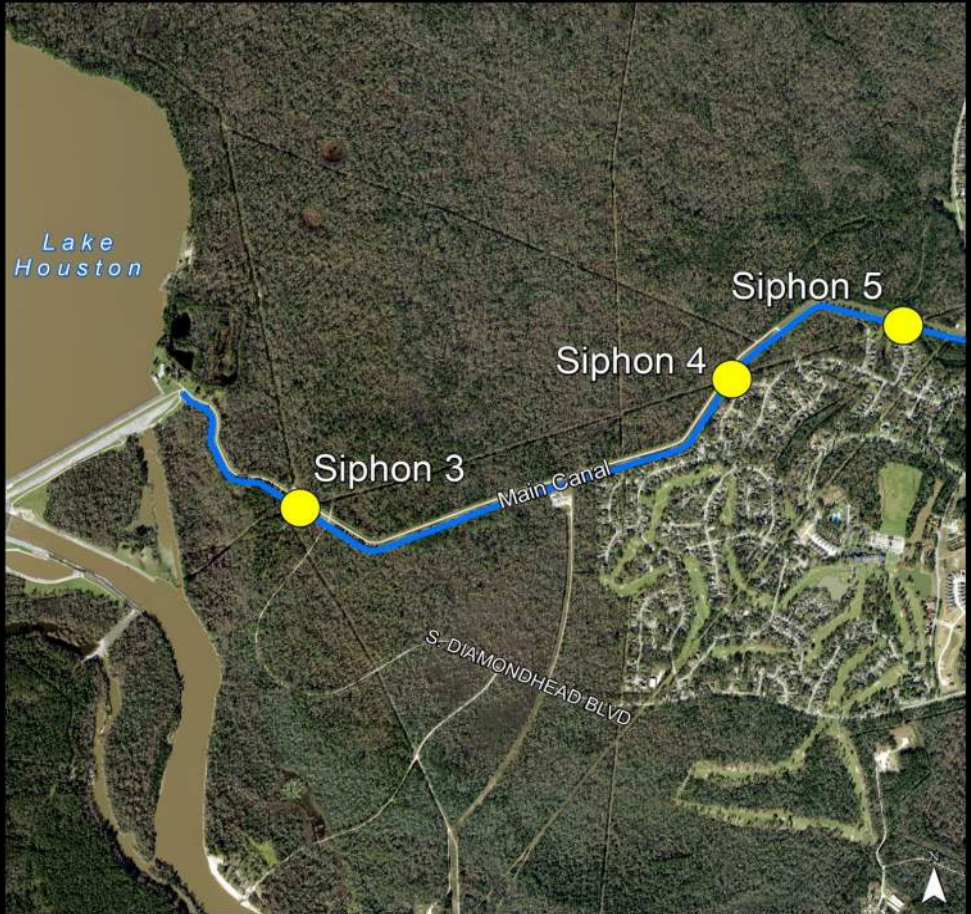
*Budget includes contingency.

| PROJECT NAME | | | | PROJECT ID | | FISCAL YEAR | | | DIVISION | | | | |
|--|------------|--------------|------------|---|---|--|------|------|-----------|------|------|------|--|
| North Reservoir Culvert Replacement | | | | HNRCR | | 2023-2024 | | | Highlands | | | | |
| PROJECT DESCRIPTION | | | | | | PROJECT MAP/PICTURE | | | | | | | |
| <p>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.</p> <p>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.</p> | | | | | |  | | | | | | | |
| | | | | | | | | | | | | | |
| PROJECT SCHEDULE | | | | DELIVERY | FUNDING | | | | | | | | |
| Initiate Cons. Selection: | | Completed | | <input checked="" type="checkbox"/> CSP <input type="checkbox"/> Other | <input type="checkbox"/> O&M | | | | | | | | |
| PSA/WO Issued: | | Completed | | | <input type="checkbox"/> Bonds | | | | | | | | |
| Final Proposal Docs: | | FY 2023 - Q4 | | | <input checked="" type="checkbox"/> R&R | | | | | | | | |
| Proposals/Bids Received: | | FY 2023 - Q4 | | | <input type="checkbox"/> Other | | | | | | | | |
| Constr. Contract to Board: | | FY 2023 - Q4 | | | | | | | | | | | |
| Substantial Completion: | | FY 2024 - Q2 | | <input checked="" type="checkbox"/> Capitalized <input type="checkbox"/> Expensed | | | | | | | | | |
| BUDGET* | TOTAL | PREVIOUS | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | |
| Planning/Permitting/PER | \$ 9,360 | \$ 9,360 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Engineering/Design | \$ 37,035 | \$ 37,035 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Construction | \$ 100,000 | \$ - | \$ 100,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |
| CPS, CM&l, and CMT | \$ 10,000 | \$ - | \$ 10,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Land Acquisition | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Equipment Purchase | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Total | \$ 156,395 | \$ 46,395 | \$ 110,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |

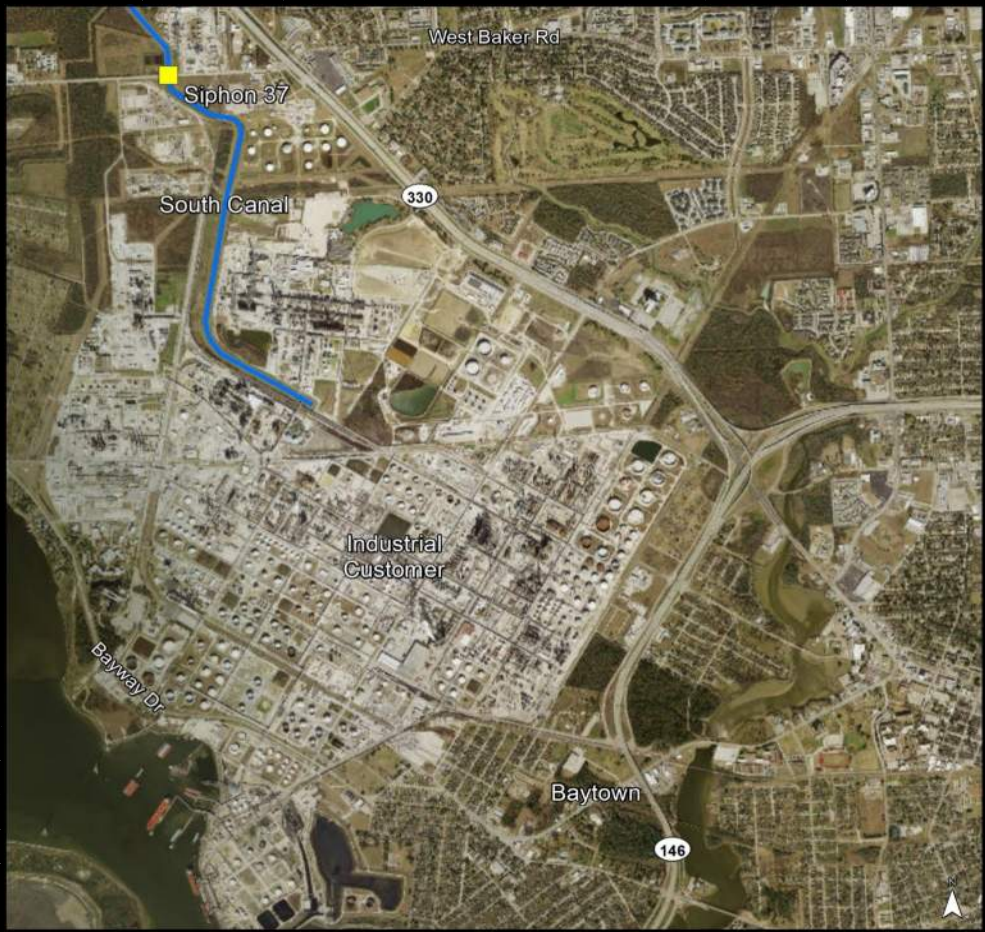
*Budget includes contingency.

| PROJECT NAME | | | | PROJECT ID | | FISCAL YEAR | | | DIVISION | | | | |
|---|--------------|--------------|--------------|---|------|--|------|------|-----------|------|------|------|--|
| Lake Houston Pump Station Campus Improvements | | | | HPSOR | | 2020-2024 | | | Highlands | | | | |
| PROJECT DESCRIPTION | | | | | | PROJECT MAP/PICTURE | | | | | | | |
| <p>The Lake Houston Pump Station (LHPS) was previously manned by an on-site operator that lived in an adjacent SJRA owned residence. The Highlands Division has initiated a transition of the pump station to be able to be operated remotely where a permanent on-site operator and associated residence is longer needed. However, there is still a need to provide on-site operator(s) during emergency operations. This project includes construction of a new multi-purpose remote operations center at the LHPS site. The existing on-site residence is in disrepair and will be demolished under the scope of this Project. Installation of new utilities (septic, water well, etc.) will need to be completed. Project planning included a master plan study of the LHPS site and considered existing structure locations, proposed SCADA tower location, and potential locations for a new LHPS electrical building or other future facilities. The master plan study determined the most feasible location to place the proposed remote operations center (ROC) which was then developed into a construction package during preliminary and final design.</p> <p>Under normal operations, the LHPS is planned to be operated remotely. During emergency events, on-site operator(s) at the LHPS will be stationed at the proposed remote operations center and will provide for localized operational ability, routine maintenance, and improved response time.</p> | | | | | |  | | | | | | | |
| | | | | | | | | | | | | | |
| PROJECT SCHEDULE | | | | DELIVERY | | FUNDING | | | | | | | |
| Initiate Cons. Selection: | | Completed | | <input checked="" type="checkbox"/> CSP | | <input type="checkbox"/> O&M | | | | | | | |
| PSA/WO Issued: | | Completed | | <input type="checkbox"/> Other | | <input type="checkbox"/> Bonds | | | | | | | |
| Final Proposal Docs: | | Completed | | | | <input checked="" type="checkbox"/> R&R | | | | | | | |
| Proposals/Bids Received: | | Completed | | | | <input type="checkbox"/> Other | | | | | | | |
| Constr. Contract to Board: | | FY 2023 - Q2 | | | | | | | | | | | |
| Substantial Completion: | | FY 2024 - Q2 | | <input checked="" type="checkbox"/> Capitalized | | <input type="checkbox"/> Expensed | | | | | | | |
| BUDGET* | TOTAL | PREVIOUS | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | |
| Planning/Permitting/PER | \$ 136,508 | \$ 136,508 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Engineering/Design | \$ 366,673 | \$ 366,673 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Construction | \$ 3,169,133 | \$ 1,825,133 | \$ 1,344,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |
| 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 | | | | PROJECT ID | | FISCAL YEAR | | | DIVISION | | | | |
|--|--------------|--------------|--------------|---|------|--|------|------|-----------|------|------|------|--|
| Main Canal Improvements - Lake Houston Pump Station to Siphon 6 | | | | HMLRN | | 2015-2018/2023-2024 | | | Highlands | | | | |
| PROJECT DESCRIPTION | | | | | | PROJECT MAP/PICTURE | | | | | | | |
| <p>The results of the preliminary engineering design report, which included hydraulic modeling and field observations of the Main Canal physical conditions, recommends improvements to this canal levee segment to reliably convey increased and potential future flow demands to SJRA's customers. In 2016, the relocation of a private pipeline below the canal at three locations (Siphons 3, 4, and 5) eliminated the need for these three (3) siphon crossings. In 2017, the three (3) crossings were removed by in-house staff as part of a standalone project. However, the pipeline relocation/siphon removal has not eliminated the need for improvements required to reconstruct the canal levee segment and repair eroded areas to provide increased flow capacity and flow reliability for canal conveyance of current and potential increased flow demands. SJRA's design consultant has developed 90% Drawings and Specifications for this project. Construction has been delayed due to overall cost of the project and the removal of Siphons 3, 4, and 5 in-house have reduced the priority of this project. Note that the previous design costs shown for this project include costs incurred for the final design package for the installed water control gates at Siphon 6.</p> <p>This area has been identified as a hydraulic restriction in the Highlands System, where hydraulic modeling has shown bank overtopping at increased flows that could be required due to Industrial Customer demand increases. This project will increase the capacity, reliability, and efficiency of the system, and provide appropriate freeboard at anticipated flows.</p> | | | | | |  | | | | | | | |
| | | | | | | | | | | | | | |
| PROJECT SCHEDULE | | | | DELIVERY | | FUNDING | | | | | | | |
| Initiate Cons. Selection: | | Completed | | <input checked="" type="checkbox"/> CSP | | <input checked="" type="checkbox"/> O&M | | | | | | | |
| PSA/WO Issued: | | FY 2023 - Q1 | | <input type="checkbox"/> Other | | <input checked="" type="checkbox"/> Bonds | | | | | | | |
| Final Proposal Docs: | | FY 2023 - Q3 | | | | <input checked="" type="checkbox"/> R&R | | | | | | | |
| Proposals/Bids Received: | | FY 2023 - Q3 | | | | <input type="checkbox"/> Other | | | | | | | |
| Constr. Contract to Board: | | FY 2023 - Q3 | | | | 2015 TWDB | | | | | | | |
| Substantial Completion: | | FY 2024 - Q2 | | <input checked="" type="checkbox"/> Capitalized | | <input type="checkbox"/> Expensed | | | | | | | |
| 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 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Construction | \$ 6,211,000 | \$ - | \$ 6,211,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |
| CPS, CM&I, and CMT | \$ 311,000 | \$ - | \$ 311,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Land Acquisition | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Equipment Purchase | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Total | \$ 8,272,740 | \$ 1,750,740 | \$ 6,522,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |


*Budget includes contingency.

| PROJECT NAME | | | | PROJECT ID | | FISCAL YEAR | | | DIVISION | | | | | |
|---|--------------|------------|------------|---|------------|--|------|------|-----------|------|------|------|--|--|
| South Canal Levee Improvements between Siphon 37 and Customer | | | | HSCLS | | 2016/2023-2026 | | | Highlands | | | | | |
| PROJECT DESCRIPTION | | | | | | PROJECT MAP/PICTURE | | | | | | | | |
| <p>South Canal levee improvements within the project limits are anticipated to include a combination of levee raising and widening and interior/exterior slope regrading and/or slope protection. Improvements will provide additional canal capacity by providing adequate freeboard for future customer demands up to 80 MGD and canal levee slope stability. Existing levee toes along this reach extend beyond existing SJRA easements in some locations. As part of the final design process, it should be determined whether it is the preference of SJRA to extend its easements to encapsulate existing and future levee extents, or to simply prepare an agreement with the Industrial Customer that allows the levees to extend beyond the easements, and allows SJRA to perform any necessary maintenance in these areas. Coordination with Industrial Customer is required to determine the path forward for easements/access agreements and what extent of levee modifications are desired. PER was performed in-house by SJRA staff, with assistance from Texas Water Engineering.</p> <p>Project is assumed to be schedule to be constructed in conjunction with Siphon 39 Improvements (HSI39).</p> | | | | | |  | | | | | | | | |
| | | | | | | | | | | | | | | |
| PROJECT SCHEDULE | | | | DELIVERY | | FUNDING | | | | | | | | |
| Initiate Cons. Selection: | | Completed | | <input checked="" type="checkbox"/> CSP | | <input type="checkbox"/> O&M | | | | | | | | |
| PSA/WO Issued: | | Completed | | <input type="checkbox"/> Other | | <input checked="" type="checkbox"/> Bonds | | | | | | | | |
| Final Proposal Docs: | | FY 2025 | | | | <input checked="" type="checkbox"/> R&R | | | | | | | | |
| Proposals/Bids Received: | | FY 2025 | | | | <input checked="" type="checkbox"/> Other | | | | | | | | |
| Constr. Contract to Board: | | FY 2025 | | | | TWDB Bond | | | | | | | | |
| Substantial Completion: | | FY 2026 | | <input checked="" type="checkbox"/> Capitalized | | <input type="checkbox"/> Expensed | | | | | | | | |
| 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 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | |
| Construction | \$ 627,000 | \$ - | \$ - | \$ 510,000 | \$ 117,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | |
| CPS, CM&l, and CMT | \$ 32,000 | \$ - | \$ - | \$ 26,000 | \$ 6,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | |
| Land Acquisition | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | |
| Equipment Purchase | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | |
| Total | \$ 1,277,161 | \$ 365,161 | \$ 253,000 | \$ 536,000 | \$ 123,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | |

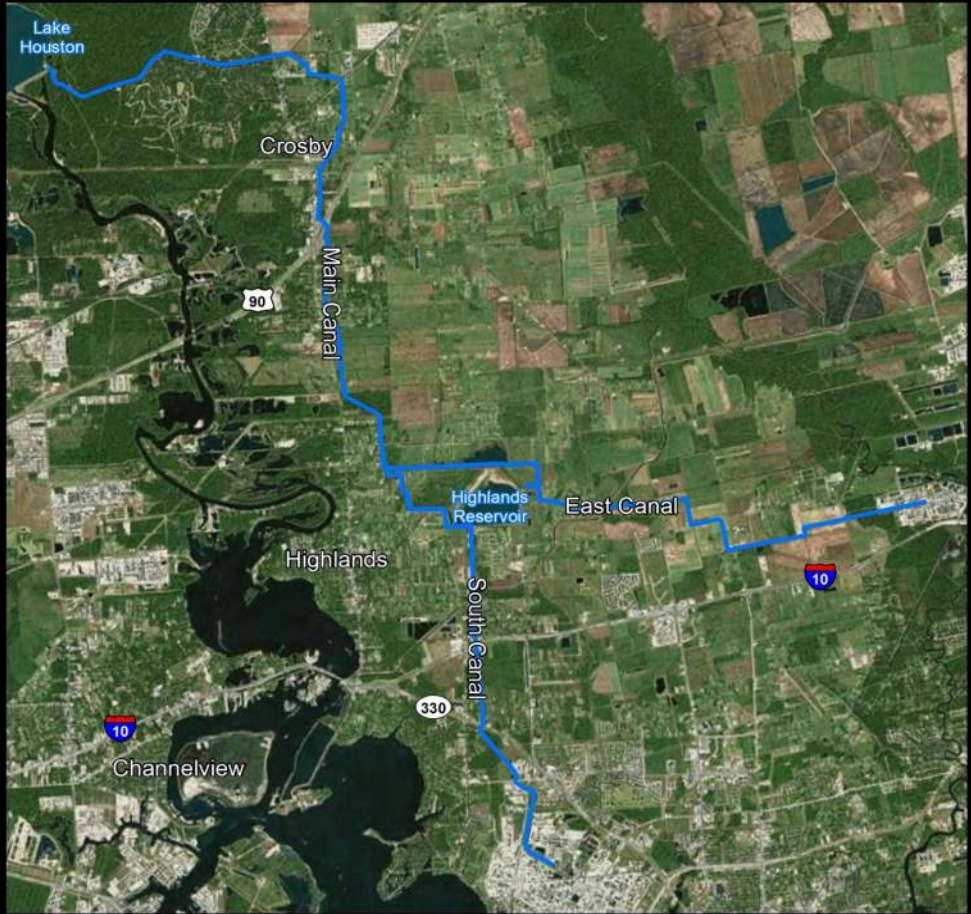
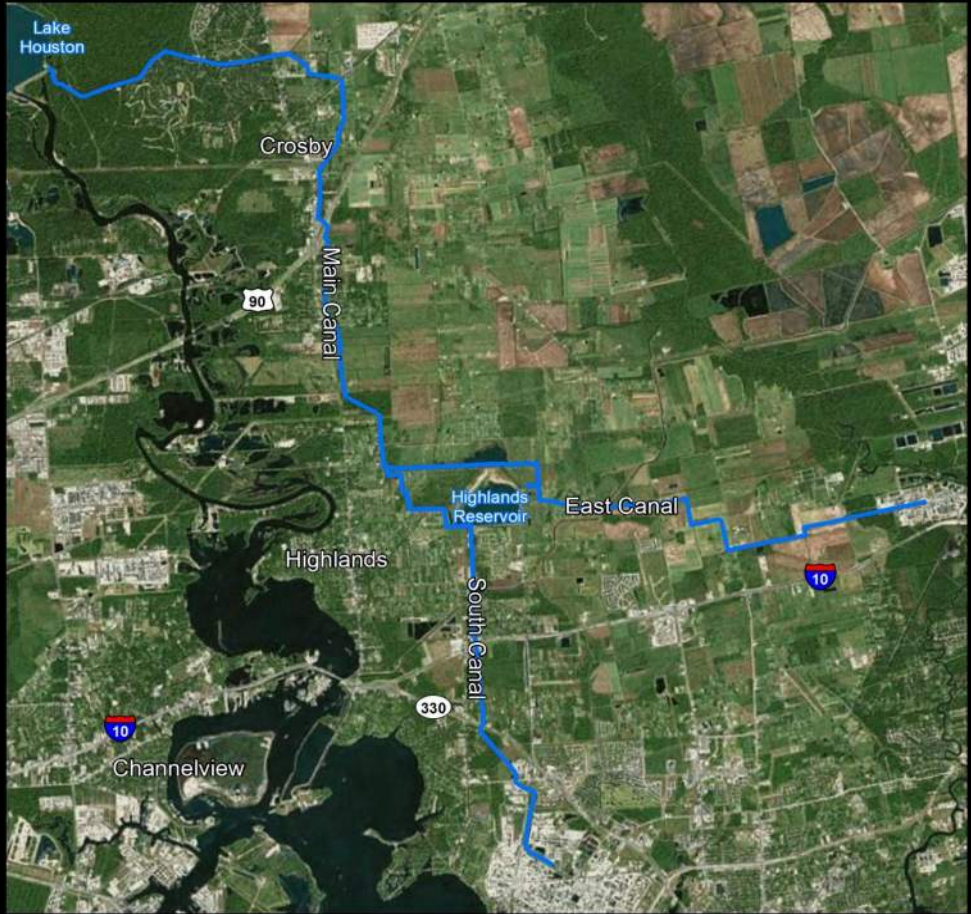
*Budget includes contingency.

| PROJECT NAME | | | | PROJECT ID | | FISCAL YEAR | | DIVISION | | | | |
|---|--------------|------------|------------|---|---|--|------|-----------|------|------|------|------|
| Siphon 39 Improvements | | | | HSI39 | | 2023-2026 | | Highlands | | | | |
| PROJECT DESCRIPTION | | | | | | PROJECT MAP/PICTURE | | | | | | |
| <p>Project includes removal or abandonment of existing siphon pipes, headwalls and appurtenances, and replacement with new dual siphons, and headwalls and appurtenances at a road crossing on Industrial Customer property.</p> <p>Project required due to age, disrepair, and potential for failure of existing siphon.</p> | | | | | |  | | | | | | |
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| PROJECT SCHEDULE | | | | DELIVERY | FUNDING | | | | | | | |
| Initiate Cons. Selection: Completed | | | | <input checked="" type="checkbox"/> CSP | <input type="checkbox"/> O&M | | | | | | | |
| PSA/WO Issued: Completed | | | | <input type="checkbox"/> Other | <input type="checkbox"/> Bonds | | | | | | | |
| Final Proposal Docs: FY 2025 | | | | | <input checked="" type="checkbox"/> R&R | | | | | | | |
| Proposals/Bids Received: FY 2025 | | | | | <input checked="" type="checkbox"/> Other | | | | | | | |
| Constr. Contract to Board: FY 2025 | | | | | | | | | | | | |
| Substantial Completion: FY 2026 | | | | <input checked="" type="checkbox"/> Capitalized | <input type="checkbox"/> Expensed | | | | | | | |
| BUDGET* | TOTAL | PREVIOUS | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 |
| Planning/Permitting/PER | \$ 233,059 | \$ 233,059 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Engineering/Design | \$ 430,000 | \$ 110,000 | \$ 320,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Construction | \$ 5,376,000 | \$ - | \$ - | \$ 4,002,000 | \$ 1,374,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| CPS, CM&I, and CMT | \$ 269,000 | \$ - | \$ - | \$ 200,000 | \$ 69,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Land Acquisition | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Equipment Purchase | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Total | \$ 6,308,059 | \$ 343,059 | \$ 320,000 | \$ 4,202,000 | \$ 1,443,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |


*Budget includes contingency.

| PROJECT NAME | | | | PROJECT ID | | FISCAL YEAR | | | DIVISION | | | | |
|--|--------------|----------|-----------|---|---|--|------|------|-----------|------|------|------|--|
| Highlands Emergency Operations Center Generator Replacement | | | | HEOCG | | 2024 | | | Highlands | | | | |
| PROJECT DESCRIPTION | | | | | | PROJECT MAP/PICTURE | | | | | | | |
| <p>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.</p> | | | | | |  | | | | | | | |
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| PROJECT SCHEDULE | | | | DELIVERY | FUNDING | | | | | | | | |
| Initiate Cons. Selection: | FY 2024 - Q1 | | | <input type="checkbox"/> CSP | <input type="checkbox"/> O&M | | | | | | | | |
| PSA/WO Issued: | FY 2024 - Q1 | | | <input checked="" type="checkbox"/> Other | <input type="checkbox"/> Bonds | | | | | | | | |
| Final Proposal Docs: | FY 2024 - Q2 | | | | <input checked="" type="checkbox"/> R&R | | | | | | | | |
| Proposals/Bids Received: | FY 2024 - Q3 | | | | <input type="checkbox"/> Other | | | | | | | | |
| Constr. Contract to Board: | FY 2024 - Q3 | | | Quotes | | | | | | | | | |
| Substantial Completion: | FY 2024 - Q4 | | | <input checked="" type="checkbox"/> Capitalized | <input type="checkbox"/> 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 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Total | \$ 96,000 | \$ - | \$ 96,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |


*Budget includes contingency.

| PROJECT NAME | | | | PROJECT ID | | FISCAL YEAR | | DIVISION | | | | |
|---|----------------------|----------|-----------|---|--|--|------|-----------|------|------|------|------|
| Water Conservation and Drought Contingency Plans | | | | HDCDC | | 2024/2029 | | Highlands | | | | |
| PROJECT DESCRIPTION | | | | | | PROJECT MAP/PICTURE | | | | | | |
| <p>Project includes the development of a 2024 and 2029 update to the Water Conservation and Drought Contingency Plans for the Highlands Division. According to Texas Commission on Environmental Quality (TCEQ) regulations, Water Conservation and Drought Contingency Plans must be updated every five (5) years.</p> <p>Project is necessary to comply with TCEQ requirements.</p> | | | | | |  | | | | | | |
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| PROJECT SCHEDULE | | | | DELIVERY | FUNDING |  | | | | | | |
| Initiate Cons. Selection: | FY 2023 - Q2/FY 2028 | | | <input type="checkbox"/> CSP | <input type="checkbox"/> O&M | | | | | | | |
| PSA/WO Issued: | FY 2023 - Q2/FY 2028 | | | <input checked="" type="checkbox"/> Other | <input type="checkbox"/> Bonds | | | | | | | |
| Final Proposal Docs: | N/A | | | | <input checked="" type="checkbox"/> R&R | | | | | | | |
| Proposals/Bids Received: | N/A | | | | <input type="checkbox"/> Other | | | | | | | |
| Constr. Contract to Board: | N/A | | | Professional | | | | | | | | |
| Substantial Completion: | FY 2024 - Q1/FY 2029 | | | <input type="checkbox"/> Capitalized | <input checked="" type="checkbox"/> Expensed | | | | | | | |
| 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 | | | | | PROJECT MAP/PICTURE | | | | | | | |
| <p>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.</p> | | | | |  | | | | | | | |
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| PROJECT SCHEDULE | | | DELIVERY | FUNDING | | | | | | | | |
| Initiate Cons. Selection: | Completed | <input checked="" type="checkbox"/> CSP | <input type="checkbox"/> O&M | | | | | | | | | |
| PSA/WO Issued: | Completed | <input type="checkbox"/> Other | <input type="checkbox"/> Bonds | | | | | | | | | |
| Final Proposal Docs: | FY 2025 | | <input checked="" type="checkbox"/> R&R | | | | | | | | | |
| Proposals/Bids Received: | FY 2025 | | <input checked="" type="checkbox"/> Other | | | | | | | | | |
| Constr. Contract to Board: | FY 2025 | | | | | | | | | | | |
| Substantial Completion: | FY 2026 | <input checked="" type="checkbox"/> Capitalized | <input type="checkbox"/> Expensed | | | | | | | | | |
| 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 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |



*Budget includes contingency.

| PROJECT NAME | | | | PROJECT ID | | FISCAL YEAR | | | DIVISION | | | | |
|--|--------------|--------------|------------|---|------|--|------|------|-----------|------|------|------|--|
| Structure 2 Improvements | | | | HDS2I | | 2024-2025 | | | Highlands | | | | |
| PROJECT DESCRIPTION | | | | | | PROJECT MAP/PICTURE | | | | | | | |
| <p>Structure 2 is the critical structure that allows water from the Main Canal to flow into the Highlands Reservoir. The improvement project will involve the removal of the existing headwalls, pipes, and replacement with new dual siphon pipes, concrete headwalls, electric actuated water control gates, and levee improvements and riprap placement near the intake and discharge structures.</p> <p>Project is required due to age, structural condition, and potential for failure of the existing structure. Project is anticipated to be packaged with South Canal Levee Improvements between Structure 3 and Siphon 24 (HL324) to achieve most efficient/lowest cost design and/or construction.</p> | | | | | |  | | | | | | | |
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| PROJECT SCHEDULE | | | | DELIVERY | | FUNDING | | | | | | | |
| Initiate Cons. Selection: | | FY 2023 - Q4 | | <input checked="" type="checkbox"/> CSP | | <input type="checkbox"/> O&M | | | | | | | |
| PSA/WO Issued: | | FY 2024 - Q1 | | <input type="checkbox"/> Other | | <input type="checkbox"/> Bonds | | | | | | | |
| Final Proposal Docs: | | FY 2024 - Q4 | | | | <input checked="" type="checkbox"/> R&R | | | | | | | |
| Proposals/Bids Received: | | FY 2024 - Q4 | | | | <input type="checkbox"/> Other | | | | | | | |
| Constr. Contract to Board: | | FY 2024 - Q4 | | | | | | | | | | | |
| Substantial Completion: | | FY 2025 | | <input checked="" type="checkbox"/> Capitalized | | <input type="checkbox"/> Expensed | | | | | | | |
| 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 | \$ - | \$ - | \$ 1,368,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |
| CPS, CM&I, and CMT | \$ 68,000 | \$ - | \$ - | \$ 68,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Land Acquisition | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Equipment Purchase | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Total | \$ 1,635,000 | \$ - | \$ 199,000 | \$ 1,436,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |

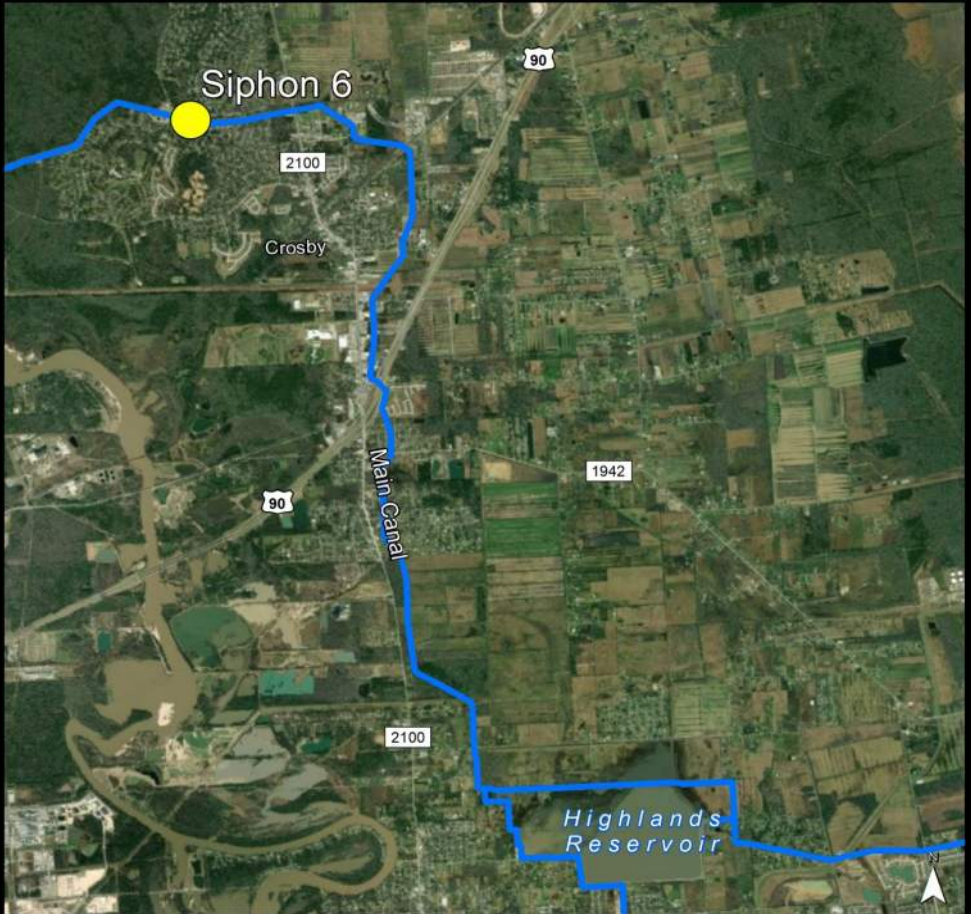
*Budget includes contingency.

| PROJECT NAME | | | | PROJECT ID | | FISCAL YEAR | | | DIVISION | | | | | | |
|---|--------------|------------|---|---|---------|--|-----------------------------------|------|-----------|------|------|------|--|--|--|
| South Canal Levee Improvements between Structure 3 and Siphon 24 | | | | HL324 | | 2016-2019/2024-2025 | | | Highlands | | | | | | |
| PROJECT DESCRIPTION | | | | | | PROJECT MAP/PICTURE | | | | | | | | | |
| <p>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.</p> <p>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.</p> | | | | | |  | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| PROJECT SCHEDULE | | | | DELIVERY | FUNDING |  | | | | | | | | | |
| Initiate Cons. Selection: | FY 2023 - Q4 | | <input checked="" type="checkbox"/> CSP | <input checked="" type="checkbox"/> O&M | | | | | | | | | | | |
| PSA/WO Issued: | FY 2024 - Q1 | | <input type="checkbox"/> Other | <input checked="" type="checkbox"/> Bonds | | | | | | | | | | | |
| Final Proposal Docs: | FY 2024 - Q4 | | | <input checked="" type="checkbox"/> R&R | | | | | | | | | | | |
| Proposals/Bids Received: | FY 2024 - Q4 | | | <input type="checkbox"/> Other | | | | | | | | | | | |
| Constr. Contract to Board: | FY 2024 - Q4 | | | 2015 TWDB | | | | | | | | | | | |
| Substantial Completion: | | | | FY 2025 | | <input checked="" type="checkbox"/> Capitalized | <input type="checkbox"/> Expensed | | | | | | | | |
| 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 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | | |
| Equipment Purchase | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | | |
| Total | \$ 2,966,851 | \$ 100,851 | \$ 308,000 | \$ 2,558,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | | |


*Budget includes contingency.

| PROJECT NAME | | | | PROJECT ID | | FISCAL YEAR | | | DIVISION | | | |
|---|--------------|--------------|------------|---|--------------|--|------|--|-----------|------|------|------|
| Lake Houston Pump Station Pump and Motor Replacement | | | | HPSEV | | 2024-2026 | | | Highlands | | | |
| PROJECT DESCRIPTION | | | | | | PROJECT MAP/PICTURE | | | | | | |
| <p>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.</p> <p>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.</p> | | | | | |  | | | | | | |
| | | | | | | | | | | | | |
| PROJECT SCHEDULE | | | | DELIVERY | | FUNDING | |  | | | | |
| Initiate Cons. Selection: | | FY 2024 - Q2 | | <input checked="" type="checkbox"/> CSP | | <input type="checkbox"/> O&M | | | | | | |
| PSA/WO Issued: | | FY 2024 - Q2 | | <input type="checkbox"/> Other | | <input type="checkbox"/> Bonds | | | | | | |
| Final Proposal Docs: | | FY 2025 | | | | <input checked="" type="checkbox"/> R&R | | | | | | |
| Proposals/Bids Received: | | FY 2025 | | | | <input type="checkbox"/> Other | | | | | | |
| Constr. Contract to Board: | | FY 2025 | | | | | | | | | | |
| Substantial Completion: | | FY 2026 | | <input type="checkbox"/> Capitalized | | <input checked="" type="checkbox"/> Expensed | | | | | | |
| BUDGET* | TOTAL | PREVIOUS | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 |
| Planning/Permitting/PER | \$ 198,000 | \$ - | \$ 198,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Engineering/Design | \$ 408,000 | \$ - | \$ - | \$ 408,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Construction | \$ 4,206,000 | \$ - | \$ - | \$ - | \$ 4,206,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| CPS, CM&I, and CMT | \$ 210,000 | \$ - | \$ - | \$ - | \$ 210,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Land Acquisition | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Equipment Purchase | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Total | \$ 5,022,000 | \$ - | \$ 198,000 | \$ 408,000 | \$ 4,416,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |



*Budget includes contingency.

| PROJECT NAME | | | | PROJECT ID | | FISCAL YEAR | | DIVISION | | | | |
|--|--------------|----------------------|-----------|---|------|--|------|-----------|------------|------------|--------------|------|
| Main Canal Levee Improvements - Siphon 6 to Highlands Reservoir | | | | HMLRS | | 2023-2025/2030-2032 | | Highlands | | | | |
| PROJECT DESCRIPTION | | | | | | PROJECT MAP/PICTURE | | | | | | |
| <p>Based on the 2016 Highlands Division Canal Levee Assessment and the 2015 Highlands Main Canal System Capacity Alternative Improvements Analysis, the Main Canal rehabilitation will include levee rehabilitation between Siphon 6 and the Highlands Reservoir to repair and prevent erosion and elevate the levees to provide additional hydraulic capacity to meet future customer flow demands. SJRA Technical Services Department staff perform field investigations throughout the Highlands System on an annual basis. The Main Canal levee conditions are documented and reviewed to help determine extents of the observed levee erosion and help develop priority of repair sections.</p> <p>Hydraulic analyses have shown that this reach of the canal includes potential capacity restricting levee issues, especially at potential future higher customer flow demands. Significant erosion has also been identified along this segment of canal. Rehabilitation and improvements to the canal levees within this segment will ensure reliable conveyance of raw water to meet customer demands.</p> <p>Reference CIP sheets HSI16, HSI17 and HS18R for other proposed projects located along this reach of the canal.</p> | | | | | |  | | | | | | |
| PROJECT SCHEDULE | | | | DELIVERY | | FUNDING | | | | | | |
| Initiate Cons. Selection: | | FY 2022 - Q4/FY 2029 | | <input checked="" type="checkbox"/> CSP | | <input type="checkbox"/> O&M | | | | | | |
| PSA/WO Issued: | | FY 2022 - Q4/FY 2030 | | <input type="checkbox"/> Other | | <input type="checkbox"/> Bonds | | | | | | |
| Final Proposal Docs: | | FY 2024 - Q4/FY 2031 | | | | <input checked="" type="checkbox"/> R&R | | | | | | |
| Proposals/Bids Received: | | FY 2024 - Q4/FY 2031 | | | | <input type="checkbox"/> Other | | | | | | |
| Constr. Contract to Board: | | FY 2024 - Q4/FY 2031 | | | | | | | | | | |
| Substantial Completion: | | FY 2025/FY 2032 | | <input checked="" type="checkbox"/> Capitalized | | <input checked="" type="checkbox"/> Expensed | | | | | | |
| BUDGET* | TOTAL | PREVIOUS | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 |
| Planning/Permitting/PER | \$ 375,000 | \$ 87,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 288,000 | \$ - | \$ - | \$ - |
| Engineering/Design | \$ 387,000 | \$ - | \$ 90,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 297,000 | \$ - | \$ - |
| Construction | \$ 3,980,000 | \$ - | \$ - | \$ 923,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 3,057,000 | \$ - |
| CPS, CM&I, and CMT | \$ 199,000 | \$ - | \$ - | \$ 46,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 153,000 | \$ - |
| Land Acquisition | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Equipment Purchase | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Total | \$ 4,941,000 | \$ 87,000 | \$ 90,000 | \$ 969,000 | \$ - | \$ - | \$ - | \$ - | \$ 288,000 | \$ 297,000 | \$ 3,210,000 | \$ - |


*Budget includes contingency.

| PROJECT NAME | | | | PROJECT ID | | FISCAL YEAR | | | DIVISION | | | |
|---|--------------|-----------|------|---|------------|--|------|------|-----------|------|------|------|
| Garth Road Siphon Improvements | | | | HGART | | 2026-2028 | | | Highlands | | | |
| PROJECT DESCRIPTION | | | | | | PROJECT MAP/PICTURE | | | | | | |
| <p>Harris County initially planned to widen Garth Road in 2011 which would have required the reconstruction of the existing siphon to accommodate a widened roadway. The roadway project and the replacement of the siphon was postponed. Garth Road was widened in 2021, but the siphon was not replaced. This siphon project will increase siphon capacity and reliability as well as provide water control gates to maintain a specific water surface elevation and upstream storage volume in the canal. The project will include the removal or abandonment of the existing siphon pipe, and appurtenances, and replacement with new dual siphons, headwalls, water control gates, and appurtenances. The project may require utility relocations and tunnel construction methods.</p> <p>Project required due to age, structural condition, and potential for failure of existing siphon.</p> | | | | | |  | | | | | | |
| | | | | | | | | | | | | |
| PROJECT SCHEDULE | | | | DELIVERY | | FUNDING | | | | | | |
| Initiate Cons. Selection: | | 2026 | | <input checked="" type="checkbox"/> CSP | | <input type="checkbox"/> O&M | | | | | | |
| PSA/WO Issued: | | 2026 | | <input type="checkbox"/> Other | | <input type="checkbox"/> Bonds | | | | | | |
| Final Proposal Docs: | | 2027 | | | | <input checked="" type="checkbox"/> R&R | | | | | | |
| Proposals/Bids Received: | | 2027 | | | | <input type="checkbox"/> Other | | | | | | |
| Constr. Contract to Board: | | 2027 | | | | | | | | | | |
| Substantial Completion: | | 2028 | | <input checked="" type="checkbox"/> Capitalized | | <input type="checkbox"/> Expensed | | | | | | |
| BUDGET* | TOTAL | PREVIOUS | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 |
| Planning/Permitting/PER | \$ 219,664 | \$ 29,664 | \$ - | \$ 190,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Engineering/Design | \$ 390,000 | \$ - | \$ - | \$ - | \$ 390,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Construction | \$ 4,021,000 | \$ - | \$ - | \$ - | \$ - | \$ 4,021,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| CPS, CM&I, and CMT | \$ 201,000 | \$ - | \$ - | \$ - | \$ - | \$ 201,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Land Acquisition | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Equipment Purchase | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Total | \$ 4,831,664 | \$ 29,664 | \$ - | \$ 190,000 | \$ 390,000 | \$ 4,222,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |



*Budget includes contingency.

| PROJECT NAME | | | | PROJECT ID | | FISCAL YEAR | | DIVISION | | | | |
|---|------------|----------------------|------|---|------|--|------|--|-----------|------|------|------|
| Highlands Reservoir Emergency Action Plan | | | | HDEAP | | 2025/2030 | | Highlands | | | | |
| PROJECT DESCRIPTION | | | | | | PROJECT MAP/PICTURE | | | | | | |
| <p>Project includes development of a 2025 and 2030 update to the existing Emergency Action Plan (EAP) for Highlands Reservoir Dam. Project involves coordination with Texas Commission on Environmental Quality (TCEQ), facilitating a customized half-day tabletop exercise in compliance with TCEQ requirements, developing an After Action Report, and updated EAP document.</p> <p>Project is necessary to comply with TCEQ requirements.</p> | | | | | |  | | | | | | |
| | | | | | | | | | | | | |
| PROJECT SCHEDULE | | | | DELIVERY | | FUNDING | |  | | | | |
| Initiate Cons. Selection: | | FY 2024 - Q4/FY 2029 | | <input type="checkbox"/> CSP | | <input type="checkbox"/> O&M | | | | | | |
| PSA/WO Issued: | | FY 2024 - Q4/FY 2029 | | <input checked="" type="checkbox"/> Other | | <input type="checkbox"/> Bonds | | | | | | |
| Final Proposal Docs: | | N/A | | | | <input checked="" type="checkbox"/> R&R | | | | | | |
| Proposals/Bids Received: | | N/A | | | | <input type="checkbox"/> Other | | | | | | |
| Constr. Contract to Board: | | N/A | | Professional | | | | | | | | |
| Substantial Completion: | | FY 2025/FY 2030 | | <input type="checkbox"/> Capitalized | | <input checked="" type="checkbox"/> Expensed | | | | | | |
| BUDGET* | TOTAL | PREVIOUS | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 |
| Planning/Permitting/PER | \$ 142,000 | \$ - | \$ - | \$ 65,000 | \$ - | \$ - | \$ - | \$ - | \$ 77,000 | \$ - | \$ - | \$ - |
| Engineering/Design | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Construction | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| CPS, CM&I, and CMT | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Land Acquisition | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Equipment Purchase | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Total | \$ 142,000 | \$ - | \$ - | \$ 65,000 | \$ - | \$ - | \$ - | \$ - | \$ 77,000 | \$ - | \$ - | \$ - |


*Budget includes contingency.

| PROJECT NAME | | | | PROJECT ID | | FISCAL YEAR | | DIVISION | | | | | | | |
|--|-----------|----------|------|---|-----------|--|------|-----------|------|-----------|------|------|--|---|--|
| Highlands Reservoir Dam Inspection | | | | HHRDI | | 2026/2031 | | Highlands | | | | | | | |
| PROJECT DESCRIPTION | | | | | | PROJECT MAP/PICTURE | | | | | | | | | |
| <p>Project includes inspection of the Highlands Reservoir Dam as required to occur every five (5) years per Texas Commission on Environmental Quality (TCEQ). The last inspection was completed in October 2020.</p> <p>Project is required to comply with TCEQ dam inspection requirements.</p> | | | | | |  | | | | | | | | | |
| PROJECT SCHEDULE | | | | DELIVERY | | | | | | | | | | FUNDING | |
| Initiate Cons. Selection: 2025/2030 | | | | <input type="checkbox"/> CSP | | | | | | | | | | <input type="checkbox"/> O&M | |
| PSA/WO Issued: 2025/2030 | | | | <input checked="" type="checkbox"/> Other | | | | | | | | | | <input type="checkbox"/> Bonds | |
| Final Proposal Docs: N/A | | | | | | | | | | | | | | <input checked="" type="checkbox"/> R&R | |
| Proposals/Bids Received: N/A | | | | | | <input type="checkbox"/> Other | | | | | | | | | |
| Constr. Contract to Board: N/A | | | | Professional | | | | | | | | | | | |
| Substantial Completion: 2026/2031 | | | | <input type="checkbox"/> Capitalized | | <input checked="" type="checkbox"/> Expensed | | | | | | | | | |
| BUDGET* | TOTAL | PREVIOUS | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | | | |
| Planning/Permitting/PER | \$ 99,000 | \$ - | \$ - | \$ - | \$ 46,000 | \$ - | \$ - | \$ - | \$ - | \$ 53,000 | \$ - | \$ - | | | |
| Engineering/Design | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | | |
| Construction | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | | |
| CPS, CM&I, and CMT | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | | |
| Land Acquisition | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | | |
| Equipment Purchase | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | | |
| Total | \$ 99,000 | \$ - | \$ - | \$ - | \$ 46,000 | \$ - | \$ - | \$ - | \$ - | \$ 53,000 | \$ - | \$ - | | | |


*Budget includes contingency.

| PROJECT NAME | | | | PROJECT ID | | FISCAL YEAR | | | DIVISION | | | | |
|--|--------------|---|---|--------------|---------|--|------|------|-----------|------|------|------|--|
| Emergency Operations Center Improvements | | | | HDEOC | | 2021-2025 | | | Highlands | | | | |
| PROJECT DESCRIPTION | | | | | | PROJECT MAP/PICTURE | | | | | | | |
| <p>Project includes two phases: the EOC campus, and the ECTPS campus. The EOC campus improvements include site grading and drainage improvements, replacement of the existing covered storage area, replacement of the existing fuel pumps, and construction of new chemical and oil storage. The proposed covered storage area will be 40 ft x 200 ft with a concrete slab, lockable enclosed storage building for small equipment, and a vehicle lift to self service 1-ton pickup trucks. The ECTPS campus will include construction of a new building for SCADA storage and workspace as well as a covered stop log storage area with a crane which will extend stop log seal lifespan and improve Division stop log mobilization.</p> <p>The Highlands Division equipment and materials inventory storage space is increasingly limited, especially within the existing Emergency Operations Center (EOC) building. By shifting SCADA storage and stop log storage to the ECTPS campus, modifying the use of existing facilities on the EOC campus, and the replacement of the existing covered storage area, the Division will have increased functionality of the available space in Highlands.</p> | | | | | |  | | | | | | | |
| | | | | | | | | | | | | | |
| PROJECT SCHEDULE | | | | DELIVERY | FUNDING |  | | | | | | | |
| Initiate Cons. Selection: | Completed | <input checked="" type="checkbox"/> CSP | <input type="checkbox"/> O&M | | | | | | | | | | |
| PSA/WO Issued: | Completed | <input type="checkbox"/> Other | <input type="checkbox"/> Bonds | | | | | | | | | | |
| Final Proposal Docs: | FY 2024 - Q3 | | <input checked="" type="checkbox"/> R&R | | | | | | | | | | |
| Proposals/Bids Received: | FY 2024 - Q2 | | <input type="checkbox"/> Other | | | | | | | | | | |
| Constr. Contract to Board: | FY 2024 - Q3 | | | | | | | | | | | | |
| Substantial Completion: | FY 2025 - Q3 | <input checked="" type="checkbox"/> Capitalized | <input type="checkbox"/> Expensed | | | | | | | | | | |
| BUDGET* | TOTAL | PREVIOUS | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | |
| Planning/Permitting/PER | \$ 73,880 | \$ 73,880 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Engineering/Design | \$ 321,000 | \$ - | \$ 321,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Construction | \$ 2,651,000 | \$ - | \$ 520,000 | \$ 2,131,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |
| CPS, CM&I, and CMT | \$ 265,000 | \$ - | \$ 52,000 | \$ 213,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Land Acquisition | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Equipment Purchase | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Total | \$ 3,310,880 | \$ 73,880 | \$ 893,000 | \$ 2,344,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |



*Budget includes contingency.

| PROJECT NAME | | | | PROJECT ID | | FISCAL YEAR | | DIVISION | | | | |
|--|--------------|----------|------|---|---|--|--------------|-----------|------|------|------|------|
| Siphon 21 Improvements | | | | HSI21 | | 2026-2028 | | Highlands | | | | |
| PROJECT DESCRIPTION | | | | | | PROJECT MAP/PICTURE | | | | | | |
| <p>Project includes removal or abandonment of existing siphon pipes, headwalls and appurtenances, and replacement with new dual siphons, headwalls and appurtenances, and potentially water control gates, crossing a Harris County Flood Control District drainage channel.</p> <p>Project is required due to age, structural condition, and potential for failure of existing siphons.</p> | | | | | |  | | | | | | |
| | | | | | | | | | | | | |
| PROJECT SCHEDULE | | | | DELIVERY | FUNDING | | | | | | | |
| Initiate Cons. Selection: | | FY 2026 | | <input checked="" type="checkbox"/> CSP | <input type="checkbox"/> O&M | | | | | | | |
| PSA/WO Issued: | | FY 2026 | | <input type="checkbox"/> Other | <input type="checkbox"/> Bonds | | | | | | | |
| Final Proposal Docs: | | FY 2027 | | | <input checked="" type="checkbox"/> R&R | | | | | | | |
| Proposals/Bids Received: | | FY 2027 | | | <input type="checkbox"/> Other | | | | | | | |
| Constr. Contract to Board: | | FY 2027 | | | | | | | | | | |
| Substantial Completion: | | FY 2029 | | <input checked="" type="checkbox"/> Capitalized <input type="checkbox"/> Expensed | | | | | | | | |
| BUDGET* | TOTAL | PREVIOUS | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 |
| Planning/Permitting/PER | \$ 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 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Total | \$ 5,072,000 | \$ - | \$ - | \$ - | \$ 200,000 | \$ 412,000 | \$ 4,460,000 | \$ - | \$ - | \$ - | \$ - | \$ - |


*Budget includes contingency.

| PROJECT NAME | | | | PROJECT ID | | FISCAL YEAR | | DIVISION | | | | |
|--|------------|----------|------|---|---|--|------------|-----------|------|------|------|------|
| Reservoir Levee Rehabilitation (East Side) | | | | HESRL | | 2027-2028 | | Highlands | | | | |
| PROJECT DESCRIPTION | | | | | | PROJECT MAP/PICTURE | | | | | | |
| <p>Significant erosion has been identified on a common levee between the Highlands Reservoir and a Harris County Flood Control District (HCFCF) drainage channel. This project includes regrading of the levee and improving the condition to prevent future erosion from occurring. SJRA will coordinate with HCFCF on this project.</p> <p>Project is necessary to repair levee erosion to provide for increased stability of the levee.</p> | | | | | |  | | | | | | |
| | | | | | | | | | | | | |
| PROJECT SCHEDULE | | | | DELIVERY | FUNDING | | | | | | | |
| Initiate Cons. Selection: | | 2027 | | <input checked="" type="checkbox"/> CSP <input type="checkbox"/> Other | <input type="checkbox"/> O&M <input type="checkbox"/> Bonds <input checked="" type="checkbox"/> R&R <input type="checkbox"/> Other | | | | | | | |
| PSA/WO Issued: | | 2027 | | | | | | | | | | |
| Final Proposal Docs: | | 2027 | | | | | | | | | | |
| Proposals/Bids Received: | | 2027 | | | | | | | | | | |
| Constr. Contract to Board: | | 2027 | | | | | | | | | | |
| Substantial Completion: | | 2028 | | <input type="checkbox"/> Capitalized <input checked="" type="checkbox"/> Expensed | | | | | | | | |
| 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 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Construction | \$ 152,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 152,000 | \$ - | \$ - | \$ - | \$ - | \$ - |
| CPS, CM&I, and CMT | \$ 15,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 15,000 | \$ - | \$ - | \$ - | \$ - | \$ - |
| Land Acquisition | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Equipment Purchase | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Total | \$ 265,000 | \$ - | \$ - | \$ - | \$ - | \$ 98,000 | \$ 167,000 | \$ - | \$ - | \$ - | \$ - | \$ - |



*Budget includes contingency.

| PROJECT NAME | | | | PROJECT ID | | FISCAL YEAR | | | DIVISION | | | | |
|--|--------------|----------|------|---|------|--|------------|--|-----------|------|------|------|--|
| Siphon 32 Improvements | | | | HSI32 | | 2027-2029 | | | Highlands | | | | |
| PROJECT DESCRIPTION | | | | | | PROJECT MAP/PICTURE | | | | | | | |
| <p>Project includes removal or abandonment of existing siphon pipes, headwalls and appurtenances, and replacement with new dual siphons, headwalls and appurtenances, and potentially water control gates, crossing Cedar Bayou Lynchburg Road.</p> <p>Project is required due to age, structural condition, and potential for failure of existing siphons. Design and construction are anticipated to be completed with Siphon 33 Improvements (see sheet HSI33) and Siphon 34 Improvements (see sheet HSI34) due to the close proximity of the siphons and to achieve most efficient/lowest cost design.</p> | | | | | |  | | | | | | | |
| | | | | | | | | | | | | | |
| PROJECT SCHEDULE | | | | DELIVERY | | FUNDING | |  | | | | | |
| Initiate Cons. Selection: | | FY 2026 | | <input checked="" type="checkbox"/> CSP | | <input type="checkbox"/> O&M | | | | | | | |
| PSA/WO Issued: | | FY 2027 | | <input type="checkbox"/> Other | | <input type="checkbox"/> Bonds | | | | | | | |
| Final Proposal Docs: | | FY 2028 | | | | <input checked="" type="checkbox"/> R&R | | | | | | | |
| Proposals/Bids Received: | | FY 2028 | | | | <input type="checkbox"/> Other | | | | | | | |
| Constr. Contract to Board: | | FY 2028 | | | | | | | | | | | |
| Substantial Completion: | | FY 2029 | | <input checked="" type="checkbox"/> Capitalized | | <input type="checkbox"/> Expensed | | | | | | | |
| 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 | | | | PROJECT ID | | FISCAL YEAR | | | DIVISION | | | |
|--|--------------|----------|------|---|------|---|------------|--------------|--------------|------|------|------|
| Siphon 33 Improvements | | | | HSI33 | | 2027-2030 | | | Highlands | | | |
| PROJECT DESCRIPTION | | | | | | PROJECT MAP/PICTURE | | | | | | |
| <p>Project includes removal of existing siphon pipes, headwalls and appurtenances, and replacement with new dual siphons, headwalls and appurtenances crossing a Harris County Flood Control District drainage channel.</p> <p>Project is required due to age, structural condition, and potential for failure of existing siphons. Design and construction are anticipated to be completed with Siphon 32 Improvements (see sheet HSI32) and Siphon 34 Improvements (see sheet HSI34) due to the close proximity of the siphons and to achieve most efficient/lowest cost design.</p> | | | | | |  | | | | | | |
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| PROJECT SCHEDULE | | | | DELIVERY | | FUNDING | | | | | | |
| Initiate Cons. Selection: | | FY 2026 | | <input checked="" type="checkbox"/> CSP <input type="checkbox"/> Other | | <input type="checkbox"/> O&M <input type="checkbox"/> Bonds <input checked="" type="checkbox"/> R&R <input type="checkbox"/> Other | | | | | | |
| PSA/WO Issued: | | FY 2027 | | | | | | | | | | |
| Final Proposal Docs: | | FY 2028 | | | | | | | | | | |
| Proposals/Bids Received: | | FY 2028 | | | | | | | | | | |
| Constr. Contract to Board: | | FY 2028 | | <input checked="" type="checkbox"/> Capitalized <input type="checkbox"/> Expensed | | | | | | | | |
| Substantial Completion: | | FY 2030 | | | | | | | | | | |
| BUDGET* | TOTAL | PREVIOUS | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 |
| Planning/Permitting/PER | \$ 137,000 | \$ - | \$ - | \$ - | \$ - | \$ 137,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Engineering/Design | \$ 282,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 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 | | | | PROJECT ID | | FISCAL YEAR | | | DIVISION | | | | |
|--|--------------|----------|------|---|------|--|------------|--|--------------|------|------|------|--|
| Siphon 34 Improvements | | | | HSI34 | | 2027-2030 | | | Highlands | | | | |
| PROJECT DESCRIPTION | | | | | | PROJECT MAP/PICTURE | | | | | | | |
| <p>Project includes removal of existing siphon pipes, headwalls and appurtenances, and replacement with new dual siphons, headwalls and appurtenances, and potentially water control gates, crossing Redell Road.</p> <p>Project is required due to age, structural condition, and potential for failure of existing siphons. Design and construction are anticipated to be completed with Siphon 32 Improvements (see sheet HSI32) and Siphon 33 Improvements (see sheet HSI33) due to the close proximity of the siphons and to achieve most efficient/lowest cost design.</p> | | | | | |  | | | | | | | |
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| PROJECT SCHEDULE | | | | DELIVERY | | FUNDING | |  | | | | | |
| Initiate Cons. Selection: | | FY 2026 | | <input checked="" type="checkbox"/> CSP | | <input type="checkbox"/> O&M | | | | | | | |
| PSA/WO Issued: | | FY 2027 | | <input type="checkbox"/> Other | | <input type="checkbox"/> Bonds | | | | | | | |
| Final Proposal Docs: | | FY 2028 | | | | <input checked="" type="checkbox"/> R&R | | | | | | | |
| Proposals/Bids Received: | | FY 2028 | | | | <input type="checkbox"/> Other | | | | | | | |
| Constr. Contract to Board: | | FY 2028 | | | | | | | | | | | |
| Substantial Completion: | | FY 2030 | | <input checked="" type="checkbox"/> Capitalized | | <input type="checkbox"/> Expensed | | | | | | | |
| 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 | \$ 4,916,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 4,916,000 | \$ - | \$ - | \$ - | |
| CPS, CM&I, and CMT | \$ 246,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 246,000 | \$ - | \$ - | \$ - | |
| Land Acquisition | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Equipment Purchase | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Total | \$ 5,850,000 | \$ - | \$ - | \$ - | \$ - | \$ 225,000 | \$ 463,000 | \$ - | \$ 5,162,000 | \$ - | \$ - | \$ - | |



*Budget includes contingency.

| PROJECT NAME | | | | PROJECT ID | | FISCAL YEAR | | | DIVISION | | | | | |
|--|---------------|----------|------|---|---|--|--|------------|------------|--------------|--------------|------|--|--|
| Siphon 9 Improvements | | | | HSI09 | | 2029-2032 | | | Highlands | | | | | |
| PROJECT DESCRIPTION | | | | | | PROJECT MAP/PICTURE | | | | | | | | |
| <p>Improvements will include siphon replacement to provide reliable delivery of raw water. The project will include the removal or abandonment of existing siphon pipes, headwalls and appurtenances, and replacement with dual siphons, headwalls and appurtenances, and potentially flow/water level control gates. Due to low traffic volumes on Crosby-Dayton Road, Harris County may allow for open-cut construction for a portion of the siphon replacement, but the railroad track crossing will require tunnel construction methods for the placement of dual siphon pipes.</p> <p>Project required due to age, structural condition, and potential for failure of existing siphon. Project will also provide improved canal capacity and reliability.</p> | | | | | |  | | | | | | | | |
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| PROJECT SCHEDULE | | | | DELIVERY | FUNDING | |  | | | | | | | |
| Initiate Cons. Selection: | 2029 | | | <input checked="" type="checkbox"/> CSP | <input type="checkbox"/> O&M | | | | | | | | | |
| PSA/WO Issued: | 2029 | | | <input type="checkbox"/> Other | <input type="checkbox"/> Bonds | | | | | | | | | |
| Final Proposal Docs: | 2030 | | | | <input checked="" type="checkbox"/> R&R | | | | | | | | | |
| Proposals/Bids Received: | 2030 | | | | <input type="checkbox"/> Other | | | | | | | | | |
| Constr. Contract to Board: | 2031 | | | | | | | | | | | | | |
| Substantial Completion: | 2032 | | | <input checked="" type="checkbox"/> Capitalized | <input type="checkbox"/> Expensed | | | | | | | | | |
| BUDGET* | TOTAL | PREVIOUS | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | | |
| Planning/Permitting/PER | \$ 489,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 241,000 | \$ 248,000 | \$ - | \$ - | \$ - | | |
| Engineering/Design | \$ 1,007,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 496,000 | \$ 511,000 | \$ - | \$ - | | |
| Construction | \$ 10,312,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 6,807,000 | \$ 3,505,000 | \$ - | | |
| 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.

| PROJECT NAME | | | | PROJECT ID | | FISCAL YEAR | | | DIVISION | | | | |
|--|--------------|----------|---|---|---------|--|------|------|-----------|------------|------------|--------------|--|
| Siphon 36 Improvements | | | | HSI36 | | 2031-2033 | | | Highlands | | | | |
| PROJECT DESCRIPTION | | | | | | PROJECT MAP/PICTURE | | | | | | | |
| <p>This project will include removal of existing siphon pipes, headwalls, and appurtenances, and replacement with new dual siphons, headwalls, and appurtenances.</p> <p>Project is required due to age, structural condition, and potential for failure of existing siphon. Project will also increase hydraulic capacity and reduce head loss across the siphon structure.</p> | | | | | |  | | | | | | | |
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| PROJECT SCHEDULE | | | | DELIVERY | FUNDING | | | | | | | | |
| Initiate Cons. Selection: | FY 2031 | | <input checked="" type="checkbox"/> CSP | <input type="checkbox"/> O&M | | | | | | | | | |
| PSA/WO Issued: | FY 2031 | | <input type="checkbox"/> Other | <input type="checkbox"/> Bonds | | | | | | | | | |
| Final Proposal Docs: | FY 2032 | | | <input checked="" type="checkbox"/> R&R | | | | | | | | | |
| Proposals/Bids Received: | FY 2032 | | | <input type="checkbox"/> Other | | | | | | | | | |
| Constr. Contract to Board: | FY 2032 | | | | | | | | | | | | |
| Substantial Completion: | FY 2033 | | <input checked="" type="checkbox"/> Capitalized | <input type="checkbox"/> Expensed | | | | | | | | | |
| BUDGET* | TOTAL | PREVIOUS | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | |
| Planning/Permitting/PER | \$ 153,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 153,000 | \$ - | \$ - | |
| Engineering/Design | \$ 315,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 315,000 | \$ - | |
| Construction | \$ 3,250,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 3,250,000 | |
| CPS, CM&l, 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 | | | Highlands | | | | |
| PROJECT DESCRIPTION | | | | | | PROJECT MAP/PICTURE | | | | | | | |
| <p>This project will include removal of existing siphon pipes, headwalls, and appurtenances, and replacement with new dual siphons, headwalls, and appurtenances.</p> <p>Project is required due to age and structural condition of the structure. Project will also increase hydraulic capacity, increase redundancy, improve operations, and reduce head loss across the siphon structure.</p> | | | | | |  | | | | | | | |
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| PROJECT SCHEDULE | | | | DELIVERY | FUNDING | |  | | | | | | |
| Initiate Cons. Selection: | | FY 2032 | | <input checked="" type="checkbox"/> CSP <input type="checkbox"/> Other | <input type="checkbox"/> O&M <input type="checkbox"/> Bonds <input checked="" type="checkbox"/> R&R <input type="checkbox"/> Other | | | | | | | | |
| PSA/WO Issued: | | FY 2032 | | | | | | | | | | | |
| Final Proposal Docs: | | FY 2033 | | | | | | | | | | | |
| Proposals/Bids Received: | | FY 2033 | | | | | | | | | | | |
| Constr. Contract to Board: | | FY 2033 | | | | | | | | | | | |
| Substantial Completion: | | FY 2034 | | <input checked="" type="checkbox"/> Capitalized <input type="checkbox"/> Expensed | | | | | | | | | |
| BUDGET* | TOTAL | PREVIOUS | 2024 | 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.