

---

**WATER UTILITY SYSTEM FACILITIES 2024-2028 CAPITAL IMPROVEMENT PLAN**

---

| CIP No.  | Project                                  | Page |
|----------|--|------|
| S-000956 | Automatic Meter Reading Program          | 20   |
| S-000901 | Condition Assessment and Rehabilitation  | 19   |
| S-000056 | East Water Purification Plant            | 6    |
| S-000019 | Emergency Needs for Water Utility        | 3    |
| S-NA0000 | Funding Offset                           | 25   |
| S-000890 | Lake Houston Dam Projects                | 16   |
| S-000701 | Lg Diameter Water Line Rehab             | 14   |
| S-000958 | Meter Replacement & Upgrade Program      | 21   |
| S-000020 | Miscellaneous Water Needs                | 4    |
| S-000035 | Neighborhood Water Main Replacement      | 5    |
| S-000100 | New / Replacement Ground Water Wells     | 7    |
| S-001000 | Pump Station Program                     | 22   |
| S-00019A | Real Estate Annual Appropriation         | 8    |
| S-000894 | San Jacinto River Authority              | 17   |
| S-000012 | Southeast Water Purification Plant       | 2    |
| S-000800 | Sponsor Participation-Water Mains Prog.  | 15   |
| S-000900 | Surface Water Transmission Program       | 18   |
| S-900001 | Upgrades to CUS-Owned Support Facilities | 24   |
| S-000500 | Water Improvements under M/N             | 10   |
| S-000700 | Water Main Grid Extensions Program       | 13   |
| S-000521 | Water Main Replacement by Other Govt     | 11   |
| S-000600 | Water Storage Tank Rehabilitation        | 12   |
| S-002015 | Water Substitute Service Program         | 23   |
| S-000200 | Water Well Renewal Program               | 9    |



**2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - WATER UTILITY SYSTEM FACILITIES**

|  |  |                              |          |                  |    |
|--|--|------------------------------|----------|------------------|----|
| Project: Southeast Water Purification Plant  |  | Project No.                  |          | S-000012         |    |
| <b>Project Description</b>   |  |                              |          |                  |    |
| This project provides for the design and construction for plant maintenance, upgrades, security and sustainability.                  |  | <b>City Council District</b> |          |                  |    |
|  |  | Location                     | E        | Address Descr 2: |    |
|  |  | Served:                      | CITYWIDE | Zip Codes:       |    |
|  |  | Key Map:                     |          | Category:        |    |
|  |  | Location Code:               | UA-00    | Sub-Category:    |    |
| <b>Project Justification</b>   |  |                              |          |                  |    |
| This project is necessary to meet water demand, Safe Drinking Water Act, TCEQ and Harris-Galveston Subsidence District requirements. |  | Units:                       | 0        |                  |    |
|  |  | Start Year:                  |          |                  |    |
|  |  | RCC Total                    | \$       | RCA Total        | \$ |

| Project Allocation                         |      |               |               |      |      | 2024-2028     |
|--|------|---------------|---------------|------|------|---------------|
|  | 2024 | 2025          | 2026          | 2027 | 2028 |               |
| Planning                                   |      |               |               |      |      |               |
| Acquisition-Land                           |      |               |               |      |      |               |
| Design                                     |      |               |               |      |      |               |
| Construction                               |      | 18,828        | 13,101        |      |      | 31,929        |
| Equipment Acquisition                      |      |               |               |      |      |               |
| Salary Recovery                            |      |               |               |      |      |               |
| Other                                      |      |               |               |      |      |               |
| <b>Total Allocation</b>                    |      | <b>18,828</b> | <b>13,101</b> |      |      | <b>31,929</b> |
| <b>Source of Funds</b>                     |      |               |               |      |      |               |
| 8500 - HPW-W&S Syst Consolidated Constr Fd |      | 18,828        | 13,101        |      |      | 31,929        |
| <b>Total Funds</b>                         |      | <b>18,828</b> | <b>13,101</b> |      |      | <b>31,929</b> |

**2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - WATER UTILITY SYSTEM FACILITIES**

|   |                              |          |                  |    |
|---|------------------------------|----------|------------------|----|
| Project: Emergency Needs for Water Utility  | Project No.                  | S-000019 |                  |    |
| <b>Project Description</b>  |                              |          |                  |    |
| This program provides for unforeseen emergency needs for engineering services, construction, and equipment for facility and water line failure of Public Utility. | <b>City Council District</b> |          |                  |    |
|   | Location                     | CITYWIDE | Address Descr 2: |    |
|   | Served:                      | CITYWIDE | Zip Codes:       |    |
|   | Key Map:                     |          | Category:        |    |
|   | Location Code:               | UA-00    | Sub-Category:    |    |
| <b>Project Justification</b>  |                              |          |                  |    |
| This program is needed to provide public health and safety, and to ensure regulatory compliance.  | Units:                       | 0        |                  |    |
|   | Start Year:                  |          |                  |    |
|   | RCC Total                    | \$       | RCA Total        | \$ |

| Project Allocation                         |            |            |            |            |            | 2024-2028    |
|--|------------|------------|------------|------------|------------|--------------|
|  | 2024       | 2025       | 2026       | 2027       | 2028       |              |
| Planning                                   |            |            |            |            |            |              |
| Acquisition-Land                           |            |            |            |            |            |              |
| Design                                     |            |            |            |            |            |              |
| Construction                               |            |            |            |            |            |              |
| Equipment Acquisition                      |            |            |            |            |            |              |
| Salary Recovery                            |            |            |            |            |            |              |
| Other                                      | 550        | 550        | 550        | 550        | 550        | 2,750        |
| <b>Total Allocation</b>                    | <b>550</b> | <b>550</b> | <b>550</b> | <b>550</b> | <b>550</b> | <b>2,750</b> |
| <b>Source of Funds</b>                     |            |            |            |            |            |              |
| 8500 - HPW-W&S Syst Consolidated Constr Fd | 550        | 550        | 550        | 550        | 550        | 2,750        |
| <b>Total Funds</b>                         | <b>550</b> | <b>550</b> | <b>550</b> | <b>550</b> | <b>550</b> | <b>2,750</b> |

This project is related to the impact of Hurricane Harvey DR4332 and it is the City's intent to seek reimbursement from the Federal Emergency Management Agency (FEMA) and any other eligible sources for such expenditures, with the FEMA share being 90% of eligible costs.

**2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - WATER UTILITY SYSTEM FACILITIES**

|  |                              |          |                  |    |
|--|------------------------------|----------|------------------|----|
| Project: Miscellaneous Water Needs   | Project No.                  | S-000020 |                  |    |
| <b>Project Description</b>   |                              |          |                  |    |
| This program provides for miscellaneous needs for acquisition, engineering services, construction, and legal services required in conjunction with various capital projects and activities of the Combined Utility System. | <b>City Council District</b> |          |                  |    |
|  | Location                     | CITYWIDE | Address Descr 2: |    |
|  | Served:                      | CITYWIDE | Zip Codes:       |    |
|  | Key Map:                     |          | Category:        |    |
|  | Location Code:               | UA-00    | Sub-Category:    |    |
| <b>Project Justification</b>   |                              |          |                  |    |
| This program is needed to provide contracted support services for various capital projects and activities of the Combined Utility System.  | Units:                       | 0        |                  |    |
|  | Start Year:                  |          |                  |    |
|  | RCC Total                    | \$       | RCA Total        | \$ |

| Project Allocation                         |            |            |            |            |            | 2024-2028    |
|--|------------|------------|------------|------------|------------|--------------|
|  | 2024       | 2025       | 2026       | 2027       | 2028       |              |
| Planning                                   |            |            |            |            |            |              |
| Acquisition-Land                           |            |            |            |            |            |              |
| Design                                     |            |            | 150        | 150        | 150        | 450          |
| Construction                               | 381        | 337        | 187        | 187        | 187        | 1,281        |
| Equipment Acquisition                      |            |            |            |            |            |              |
| Salary Recovery                            |            |            |            |            |            |              |
| Other                                      |            |            |            |            |            |              |
| <b>Total Allocation</b>                    | <b>381</b> | <b>337</b> | <b>337</b> | <b>337</b> | <b>337</b> | <b>1,731</b> |
| <b>Source of Funds</b>                     |            |            |            |            |            |              |
| 8500 - HPW-W&S Syst Consolidated Constr Fd | 381        | 337        | 337        | 337        | 337        | 1,731        |
| <b>Total Funds</b>                         | <b>381</b> | <b>337</b> | <b>337</b> | <b>337</b> | <b>337</b> | <b>1,731</b> |

**2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - WATER UTILITY SYSTEM FACILITIES**

|   |                              |          |                  |    |
|---|------------------------------|----------|------------------|----|
| Project: Neighborhood Water Main Replacement  | Project No.                  | S-000035 |                  |    |
| <b>Project Description</b>  |                              |          |                  |    |
| This program provides for the design and construction of replacement distribution mains and upgrades small mains which do not meet standards.   | <b>City Council District</b> |          |                  |    |
|   | Location                     | CITYWIDE | Address Descr 2: |    |
|   | Served:                      | CITYWIDE | Zip Codes:       |    |
|   | Key Map:                     |          | Category:        |    |
|   | Location Code:               | UA-00    | Sub-Category:    |    |
| <b>Project Justification</b>  |                              |          |                  |    |
| This program is required to improve customer service, water quality and capacity, fire protection, system reliability, and assures compliance with TCEQ rules and other governmental regulations. | Units:                       | 0        |                  |    |
|   | Start Year:                  |          |                  |    |
|   | RCC Total                    | \$       | RCA Total        | \$ |

| Project Allocation                         |               |               |               |               |               | 2024-2028      |
|--|---------------|---------------|---------------|---------------|---------------|----------------|
|  | 2024          | 2025          | 2026          | 2027          | 2028          |                |
| Planning                                   |               |               |               |               |               |                |
| Acquisition-Land                           |               |               |               |               |               |                |
| Design                                     | 4,500         | 4,500         | 4,500         | 4,500         | 4,500         | 22,500         |
| Construction                               | 30,000        | 25,000        | 25,000        | 25,000        | 25,000        | 130,000        |
| Equipment Acquisition                      |               |               |               |               |               |                |
| Salary Recovery                            |               |               |               |               |               |                |
| Other                                      |               |               |               |               |               |                |
| <b>Total Allocation</b>                    | <b>34,500</b> | <b>29,500</b> | <b>29,500</b> | <b>29,500</b> | <b>29,500</b> | <b>152,500</b> |
| <b>Source of Funds</b>                     |               |               |               |               |               |                |
| 8500 - HPW-W&S Syst Consolidated Constr Fd | 34,500        | 29,500        | 29,500        | 29,500        | 29,500        | 152,500        |
| <b>Total Funds</b>                         | <b>34,500</b> | <b>29,500</b> | <b>29,500</b> | <b>29,500</b> | <b>29,500</b> | <b>152,500</b> |

**2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - WATER UTILITY SYSTEM FACILITIES**

|  |  |                              |          |                  |    |
|--|--|------------------------------|----------|------------------|----|
| Project: East Water Purification Plant   |  | Project No.                  |          | S-000056         |    |
| <b>Project Description</b>   |  |                              |          |                  |    |
| This project upgrades and optimizes the East Water Plant, and increases the capacity and reliability to meet immediate and future needs of the City and its customers. |  | <b>City Council District</b> |          |                  |    |
|  |  | Location                     | E        | Address Descr 2: |    |
|  |  | Served:                      | CITYWIDE | Zip Codes:       |    |
|  |  | Key Map:                     |          | Category:        |    |
|  |  | Location Code:               | UA-00    | Sub-Category:    |    |
| <b>Project Justification</b>   |  |                              |          |                  |    |
| This project is necessary to meet water demand, Safe Drinking Water Act, TCEQ and Harris-Galveston Subsidence District requirements.                                   |  | Units:                       | 0        |                  |    |
|  |  | Start Year:                  |          |                  |    |
|  |  | RCC Total                    | \$       | RCA Total        | \$ |

| Project Allocation                         |               |                |                |                |                | 2024-2028      |
|--|---------------|----------------|----------------|----------------|----------------|----------------|
|  | 2024          | 2025           | 2026           | 2027           | 2028           |                |
| Planning                                   |               |                |                |                |                |                |
| Acquisition-Land                           |               |                |                |                |                |                |
| Design                                     | 40,000        |                |                |                |                | 40,000         |
| Construction                               | 14,400        | 132,000        | 100,000        | 100,000        | 100,000        | 446,400        |
| Equipment Acquisition                      |               |                |                |                |                |                |
| Salary Recovery                            |               |                |                |                |                |                |
| Other                                      |               |                |                |                |                |                |
| <b>Total Allocation</b>                    | <b>54,400</b> | <b>132,000</b> | <b>100,000</b> | <b>100,000</b> | <b>100,000</b> | <b>486,400</b> |
| <b>Source of Funds</b>                     |               |                |                |                |                |                |
| 8500 - HPW-W&S Syst Consolidated Constr Fd | 54,400        | 132,000        | 100,000        | 100,000        | 100,000        | 486,400        |
| <b>Total Funds</b>                         | <b>54,400</b> | <b>132,000</b> | <b>100,000</b> | <b>100,000</b> | <b>100,000</b> | <b>486,400</b> |

This project is related to the impact of Hurricane Harvey DR4332 and it is the City's intent to seek reimbursement from the Federal Emergency Management Agency (FEMA) and any other eligible sources for such expenditures, with the FEMA share being 90% of eligible costs.

**2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - WATER UTILITY SYSTEM FACILITIES**

|   |                              |          |                  |    |
|---|------------------------------|----------|------------------|----|
| Project: New / Replacement Ground Water Wells<br>VARIOUS LOCATIONS  | Project No.                  | S-000100 |                  |    |
| <b>Project Description</b>  |                              |          |                  |    |
| This program provides assessment, evaluation, and installation of ground water wells to increase or maintain water production capacity. | <b>City Council District</b> |          |                  |    |
|   | Location                     | CITYWIDE | Address Descr 2: |    |
|   | Served:                      | CITYWIDE | Zip Codes:       |    |
|   | Key Map:                     |          | Category:        |    |
|   | Location Code:               | UA-00    | Sub-Category:    |    |
| <b>Project Justification</b>  |                              |          |                  |    |
| This program is necessary in order to provide reliability of the water system.  | Units:                       | 0        |                  |    |
|   | Start Year:                  |          |                  |    |
|   | RCC Total                    | \$       | RCA Total        | \$ |

| Project Allocation                         |              |              |              |              |              | 2024-2028     |
|--|--------------|--------------|--------------|--------------|--------------|---------------|
|  | 2024         | 2025         | 2026         | 2027         | 2028         |               |
| Planning                                   |              |              |              |              |              |               |
| Acquisition-Land                           |              |              |              |              |              |               |
| Design                                     | 1,250        |              | 1,250        | 1,250        | 1,250        | 5,000         |
| Construction                               |              | 7,750        |              |              |              | 7,750         |
| Equipment Acquisition                      |              |              |              |              |              |               |
| Salary Recovery                            |              |              |              |              |              |               |
| Other                                      |              |              |              |              |              |               |
| <b>Total Allocation</b>                    | <b>1,250</b> | <b>7,750</b> | <b>1,250</b> | <b>1,250</b> | <b>1,250</b> | <b>12,750</b> |
| <b>Source of Funds</b>                     |              |              |              |              |              |               |
| 8500 - HPW-W&S Syst Consolidated Constr Fd | 1,250        | 7,750        | 1,250        | 1,250        | 1,250        | 12,750        |
| <b>Total Funds</b>                         | <b>1,250</b> | <b>7,750</b> | <b>1,250</b> | <b>1,250</b> | <b>1,250</b> | <b>12,750</b> |

**2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - WATER UTILITY SYSTEM FACILITIES**

|   |                              |          |                  |    |
|---|------------------------------|----------|------------------|----|
| Project: Real Estate Annual Appropriation | Project No.                  | S-00019A |                  |    |
| <b>Project Description</b>                |                              |          |                  |    |
| Real Estate Annual Appropriation.         | <b>City Council District</b> |          |                  |    |
|   | Location                     | CITYWIDE | Address Descr 2: |    |
|   | Served:                      | CITYWIDE | Zip Codes:       |    |
|   | Key Map:                     |          | Category:        |    |
|   | Location Code:               | UA-00    | Sub-Category:    |    |
| <b>Project Justification</b>              |                              |          |                  |    |
| Real Estate Annual Appropriation.         | Units:                       | 0        |                  |    |
|   | Start Year:                  |          |                  |    |
|   | RCC Total                    | \$       | RCA Total        | \$ |

| Project Allocation                         |            |            |            |      |      | 2024-2028    |
|--|------------|------------|------------|------|------|--------------|
|  | 2024       | 2025       | 2026       | 2027 | 2028 |              |
| Planning                                   |            |            |            |      |      |              |
| Acquisition-Land                           | 550        | 550        | 550        |      |      | 1,650        |
| Design                                     |            |            |            |      |      |              |
| Construction                               |            |            |            |      |      |              |
| Equipment Acquisition                      |            |            |            |      |      |              |
| Salary Recovery                            |            |            |            |      |      |              |
| Other                                      |            |            |            |      |      |              |
| <b>Total Allocation</b>                    | <b>550</b> | <b>550</b> | <b>550</b> |      |      | <b>1,650</b> |
| <b>Source of Funds</b>                     |            |            |            |      |      |              |
| 8500 - HPW-W&S Syst Consolidated Constr Fd | 550        | 550        | 550        |      |      | 1,650        |
| <b>Total Funds</b>                         | <b>550</b> | <b>550</b> | <b>550</b> |      |      | <b>1,650</b> |



**2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - WATER UTILITY SYSTEM FACILITIES**

|   |                              |          |                  |    |
|---|------------------------------|----------|------------------|----|
| Project: Water Well Renewal Program   | Project No.                  |          | S-000200         |    |
| <b>Project Description</b>  |                              |          |                  |    |
| This program provides assessment, evaluation, and rehabilitation of existing water wells to extend service life, improve water quality, and reduce maintenance costs. | <b>City Council District</b> |          |                  |    |
|   | Location                     | CITYWIDE | Address Descr 2: |    |
|   | Served:                      | CITYWIDE | Zip Codes:       |    |
|   | Key Map:                     |          | Category:        |    |
|   | Location Code:               | UA-00    | Sub-Category:    |    |
| <b>Project Justification</b>  |                              |          |                  |    |
| This program is necessary in order to improve the performance of wells, reliability, and demand of the system.  | Units:                       | 0        |                  |    |
|   | Start Year:                  |          |                  |    |
|   | RCC Total                    | \$       | RCA Total        | \$ |

| Project Allocation                         |              |              |              |              |              | 2024-2028     |
|--|--------------|--------------|--------------|--------------|--------------|---------------|
|  | 2024         | 2025         | 2026         | 2027         | 2028         |               |
| Planning                                   |              |              |              |              |              |               |
| Acquisition-Land                           |              |              |              |              |              |               |
| Design                                     | 700          | 700          | 700          | 700          | 700          | 3,500         |
| Construction                               | 4,300        | 8,215        | 4,300        | 4,300        | 4,300        | 25,415        |
| Equipment Acquisition                      |              |              |              |              |              |               |
| Salary Recovery                            |              |              |              |              |              |               |
| Other                                      |              |              |              |              |              |               |
| <b>Total Allocation</b>                    | <b>5,000</b> | <b>8,915</b> | <b>5,000</b> | <b>5,000</b> | <b>5,000</b> | <b>28,915</b> |
| <b>Source of Funds</b>                     |              |              |              |              |              |               |
| 8500 - HPW-W&S Syst Consolidated Constr Fd | 5,000        | 8,915        | 5,000        | 5,000        | 5,000        | 28,915        |
| <b>Total Funds</b>                         | <b>5,000</b> | <b>8,915</b> | <b>5,000</b> | <b>5,000</b> | <b>5,000</b> | <b>28,915</b> |

This project is related to the impact of Hurricane Harvey DR4332 and it is the City's intent to seek reimbursement from the Federal Emergency Management Agency (FEMA) and any other eligible sources for such expenditures, with the FEMA share being 90% of eligible costs.

**2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - WATER UTILITY SYSTEM FACILITIES**

|  |                              |          |                  |    |
|--|------------------------------|----------|------------------|----|
| Project: Water Improvements Under M/N  | Project No.                  |          | S-000500         |    |
| <b>Project Description</b>   |                              |          |                  |    |
| Water Improvements completed under Street and Bridge or Stormwater Projects.   | <b>City Council District</b> |          |                  |    |
|  | Location                     | CITYWIDE | Address Descr 2: |    |
|  | Served:                      | CITYWIDE | Zip Codes:       |    |
|  | Key Map:                     |          | Category:        |    |
|  | Location Code:               | UA-00    | Sub-Category:    |    |
| <b>Project Justification</b>   |                              |          |                  |    |
| Water projects completed in conjunction with Street and Bridge or Stormwater Projects are less expensive and less disruption to the community. | Units:                       | 0        |                  |    |
|  | Start Year:                  |          |                  |    |
|  | RCC Total                    | \$       | RCA Total        | \$ |

| Project Allocation                         |               |               |               |      |      | 2024-2028     |
|--|---------------|---------------|---------------|------|------|---------------|
|  | 2024          | 2025          | 2026          | 2027 | 2028 |               |
| Planning                                   |               |               |               |      |      |               |
| Acquisition-Land                           |               |               |               |      |      |               |
| Design                                     |               |               |               |      |      |               |
| Construction                               | 33,678        | 27,008        | 14,350        |      |      | 75,037        |
| Equipment Acquisition                      |               |               |               |      |      |               |
| Salary Recovery                            |               |               |               |      |      |               |
| Other                                      |               |               |               |      |      |               |
| <b>Total Allocation</b>                    | <b>33,678</b> | <b>27,008</b> | <b>14,350</b> |      |      | <b>75,037</b> |
| <b>Source of Funds</b>                     |               |               |               |      |      |               |
| 8500 - HPW-W&S Syst Consolidated Constr Fd | 33,678        | 27,008        | 14,350        |      |      | 75,037        |
| <b>Total Funds</b>                         | <b>33,678</b> | <b>27,008</b> | <b>14,350</b> |      |      | <b>75,037</b> |

**2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - WATER UTILITY SYSTEM FACILITIES**

|   |  |                              |          |                  |    |
|---|--|------------------------------|----------|------------------|----|
| Project: Water Main Replacement by Other Govt   |  | Project No.                  |          | S-000521         |    |
| <b>Project Description</b>  |  |                              |          |                  |    |
| This program provides funding for the design and construction of water distribution mains replacement in coordination with projects by other governmental agencies. |  | <b>City Council District</b> |          |                  |    |
|   |  | Location                     | CITYWIDE | Address Descr 2: |    |
|   |  | Served:                      | CITYWIDE | Zip Codes:       |    |
|   |  | Key Map:                     |          | Category:        |    |
|   |  | Location Code:               | UA-00    | Sub-Category:    |    |
| <b>Project Justification</b>  |  |                              |          |                  |    |
| This program is to coordinate projects with other governmental agencies to avoid conflict, minimize disturbance to the neighborhood, and reduce cost.               |  | Units:                       | 0        |                  |    |
|   |  | Start Year:                  |          |                  |    |
|   |  | RCC Total                    | \$       | RCA Total        | \$ |

| Project Allocation                         |              |              |              |              |              | 2024-2028    |
|--|--------------|--------------|--------------|--------------|--------------|--------------|
|  | 2024         | 2025         | 2026         | 2027         | 2028         |              |
| Planning                                   |              |              |              |              |              |              |
| Acquisition-Land                           |              |              |              |              |              |              |
| Design                                     |              |              |              |              |              |              |
| Construction                               |              |              |              |              |              |              |
| Equipment Acquisition                      |              |              |              |              |              |              |
| Salary Recovery                            |              |              |              |              |              |              |
| Other                                      | 2,920        | 1,400        | 1,400        | 1,400        | 1,400        | 8,520        |
| <b>Total Allocation</b>                    | <b>2,920</b> | <b>1,400</b> | <b>1,400</b> | <b>1,400</b> | <b>1,400</b> | <b>8,520</b> |
| <b>Source of Funds</b>                     |              |              |              |              |              |              |
| 8500 - HPW-W&S Syst Consolidated Constr Fd | 2,920        | 1,400        | 1,400        | 1,400        | 1,400        | 8,520        |
| <b>Total Funds</b>                         | <b>2,920</b> | <b>1,400</b> | <b>1,400</b> | <b>1,400</b> | <b>1,400</b> | <b>8,520</b> |

**2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - WATER UTILITY SYSTEM FACILITIES**

|  |                              |          |                  |    |
|--|------------------------------|----------|------------------|----|
| Project: Water Storage Tank Rehabilitation   | Project No.                  | S-000600 |                  |    |
| <b>Project Description</b>   |                              |          |                  |    |
| This program provides for the cleaning, inspection, rehabilitation and preventive maintenance of existing water storage tanks.                 | <b>City Council District</b> |          |                  |    |
|  | Location                     | CITYWIDE | Address Descr 2: |    |
|  | Served:                      | CITYWIDE | Zip Codes:       |    |
|  | Key Map:                     |          | Category:        |    |
|  | Location Code:               | UA-00    | Sub-Category:    |    |
| <b>Project Justification</b>   |                              |          |                  |    |
| This program is necessary to meet the supply demand capacity, water storage capacity requirements of the TCEQ and the Annual State Inspection. | Units:                       | 0        |                  |    |
|  | Start Year:                  |          |                  |    |
|  | RCC Total                    | \$       | RCA Total        | \$ |

| Project Allocation                         |               |              |              |              |              | 2024-2028     |
|--|---------------|--------------|--------------|--------------|--------------|---------------|
|  | 2024          | 2025         | 2026         | 2027         | 2028         |               |
| Planning                                   |               |              |              |              |              |               |
| Acquisition-Land                           |               |              |              |              |              |               |
| Design                                     | 2,000         | 2,000        | 2,000        | 2,000        | 2,000        | 10,000        |
| Construction                               | 11,520        | 6,000        | 6,000        | 6,000        | 6,000        | 35,520        |
| Equipment Acquisition                      |               |              |              |              |              |               |
| Salary Recovery                            |               |              |              |              |              |               |
| Other                                      |               |              |              |              |              |               |
| <b>Total Allocation</b>                    | <b>13,520</b> | <b>8,000</b> | <b>8,000</b> | <b>8,000</b> | <b>8,000</b> | <b>45,520</b> |
| <b>Source of Funds</b>                     |               |              |              |              |              |               |
| 8500 - HPW-W&S Syst Consolidated Constr Fd | 13,520        | 8,000        | 8,000        | 8,000        | 8,000        | 45,520        |
| <b>Total Funds</b>                         | <b>13,520</b> | <b>8,000</b> | <b>8,000</b> | <b>8,000</b> | <b>8,000</b> | <b>45,520</b> |

This project is related to the impact of Hurricane Harvey DR4332 and it is the City's intent to seek reimbursement from the Federal Emergency Management Agency (FEMA) and any other eligible sources for such expenditures, with the FEMA share being 90% of eligible costs.

**2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - WATER UTILITY SYSTEM FACILITIES**

|  |                              |          |                  |    |
|--|------------------------------|----------|------------------|----|
| Project: Water Main Grid Extensions Program  | Project No.                  | S-000700 |                  |    |
| <b>Project Description</b>   |                              |          |                  |    |
| This program provides for the design and construction of water main extension projects to improve circulation and fire protection. | <b>City Council District</b> |          |                  |    |
|  | Location                     | CITYWIDE | Address Descr 2: |    |
|  | Served:                      | CITYWIDE | Zip Codes:       |    |
|  | Key Map:                     |          | Category:        |    |
|  | Location Code:               | UA-00    | Sub-Category:    |    |
| <b>Project Justification</b>   |                              |          |                  |    |
| This program is required for City to provide quality water service, fire protection, and improve system reliability.               | Units:                       | 0        |                  |    |
|  | Start Year:                  |          |                  |    |
|  | RCC Total                    | \$       | RCA Total        | \$ |

| Project Allocation                         |               |               |               |               |               | 2024-2028      |
|--|---------------|---------------|---------------|---------------|---------------|----------------|
|  | 2024          | 2025          | 2026          | 2027          | 2028          |                |
| Planning                                   |               |               |               |               |               |                |
| Acquisition-Land                           |               |               |               |               |               |                |
| Design                                     | 7,500         | 1,500         |               | 1,500         | 3,000         | 13,500         |
| Construction                               | 20,000        | 23,000        | 23,000        | 38,000        | 38,000        | 142,000        |
| Equipment Acquisition                      |               |               |               |               |               |                |
| Salary Recovery                            |               |               |               |               |               |                |
| Other                                      |               |               |               |               |               |                |
| <b>Total Allocation</b>                    | <b>27,500</b> | <b>24,500</b> | <b>23,000</b> | <b>39,500</b> | <b>41,000</b> | <b>155,500</b> |
| <b>Source of Funds</b>                     |               |               |               |               |               |                |
| 8500 - HPW-W&S Syst Consolidated Constr Fd | 27,500        | 24,500        | 23,000        | 39,500        | 41,000        | 155,500        |
| <b>Total Funds</b>                         | <b>27,500</b> | <b>24,500</b> | <b>23,000</b> | <b>39,500</b> | <b>41,000</b> | <b>155,500</b> |

**2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - WATER UTILITY SYSTEM FACILITIES**

|   |                              |          |                  |    |
|---|------------------------------|----------|------------------|----|
| Project: Lg Diameter Water Line Rehab   | Project No.                  | S-000701 |                  |    |
| <b>Project Description</b>  |                              |          |                  |    |
| This program provides for the repairs and replacements of large diameter waterlines and valves in the distribution and transmission system.   | <b>City Council District</b> |          |                  |    |
|   | Location                     | CITYWIDE | Address Descr 2: |    |
|   | Served:                      | CITYWIDE | Zip Codes:       |    |
|   | Key Map:                     |          | Category:        |    |
|   | Location Code:               | UA-00    | Sub-Category:    |    |
| <b>Project Justification</b>  |                              |          |                  |    |
| This program is to ensure that large diameter water lines be repaired or replaced to minimize the impacts of major water main shut downs. This would increase the quality of service and customer satisfaction. | Units:                       | 0        |                  |    |
|   | Start Year:                  |          |                  |    |
|   | RCC Total                    | \$       | RCA Total        | \$ |

| Project Allocation                         |              |               |               |              |              | 2024-2028      |
|--|--------------|---------------|---------------|--------------|--------------|----------------|
|  | 2024         | 2025          | 2026          | 2027         | 2028         |                |
| Planning                                   |              |               |               |              |              |                |
| Acquisition-Land                           |              |               |               |              |              |                |
| Design                                     | 3,000        | 1,000         | 1,000         | 7,000        | 1,000        | 13,000         |
| Construction                               | 6,000        | 72,043        | 18,000        |              | 6,000        | 102,043        |
| Equipment Acquisition                      |              |               |               |              |              |                |
| Salary Recovery                            |              |               |               |              |              |                |
| Other                                      |              |               |               |              |              |                |
| <b>Total Allocation</b>                    | <b>9,000</b> | <b>73,043</b> | <b>19,000</b> | <b>7,000</b> | <b>7,000</b> | <b>115,043</b> |
| <b>Source of Funds</b>                     |              |               |               |              |              |                |
| 8500 - HPW-W&S Syst Consolidated Constr Fd | 9,000        | 73,043        | 19,000        | 7,000        | 7,000        | 115,043        |
| <b>Total Funds</b>                         | <b>9,000</b> | <b>73,043</b> | <b>19,000</b> | <b>7,000</b> | <b>7,000</b> | <b>115,043</b> |

**2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - WATER UTILITY SYSTEM FACILITIES**

|   |  |                              |          |                  |    |
|---|--|------------------------------|----------|------------------|----|
| Project: Sponsor Participation-Water Mains Prog.  |  | Project No.                  |          | S-000800         |    |
| <b>Project Description</b>  |  |                              |          |                  |    |
| This program provides for the funding of the City's share in construction of developer built public water mains within the City limits and for the cost difference to oversize projects for future demands. |  | <b>City Council District</b> |          |                  |    |
|   |  | Location                     | CITYWIDE | Address Descr 2: |    |
|   |  | Served:                      | CITYWIDE | Zip Codes:       |    |
|   |  | Key Map:                     |          | Category:        |    |
|   |  | Location Code:               | UA-00    | Sub-Category:    |    |
| <b>Project Justification</b>  |  |                              |          |                  |    |
| This program is necessary for the City to promote In-City development and to meet future demands.   |  | Units:                       | 0        |                  |    |
|   |  | Start Year:                  |          |                  |    |
|   |  | RCC Total                    | \$       | RCA Total        | \$ |

| Project Allocation                         |              |              |              |              |              | 2024-2028     |
|--|--------------|--------------|--------------|--------------|--------------|---------------|
|  | 2024         | 2025         | 2026         | 2027         | 2028         |               |
| Planning                                   |              |              |              |              |              |               |
| Acquisition-Land                           |              |              |              |              |              |               |
| Design                                     |              |              |              |              |              |               |
| Construction                               |              |              |              |              |              |               |
| Equipment Acquisition                      |              |              |              |              |              |               |
| Salary Recovery                            |              |              |              |              |              |               |
| Other                                      | 2,000        | 2,000        | 2,000        | 2,000        | 2,000        | 10,000        |
| <b>Total Allocation</b>                    | <b>2,000</b> | <b>2,000</b> | <b>2,000</b> | <b>2,000</b> | <b>2,000</b> | <b>10,000</b> |
| <b>Source of Funds</b>                     |              |              |              |              |              |               |
| 8500 - HPW-W&S Syst Consolidated Constr Fd | 2,000        | 2,000        | 2,000        | 2,000        | 2,000        | 10,000        |
| <b>Total Funds</b>                         | <b>2,000</b> | <b>2,000</b> | <b>2,000</b> | <b>2,000</b> | <b>2,000</b> | <b>10,000</b> |

**2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - WATER UTILITY SYSTEM FACILITIES**

|  |  |                              |          |                  |    |
|--|--|------------------------------|----------|------------------|----|
| Project: Lake Houston Dam Projects   |  | Project No.                  |          | S-000890         |    |
| <b>Project Description</b>   |  |                              |          |                  |    |
| Repairs to Lake Houston Dam or other infrastructure associated with Lake Houston Water Supply. Coastal Water Authority is the facility operator. |  | <b>City Council District</b> |          |                  |    |
|  |  | Location                     | E        | Address Descr 2: |    |
|  |  | Served:                      | CITYWIDE | Zip Codes:       |    |
|  |  | Key Map:                     |          | Category:        |    |
|  |  | Location Code:               | UA-00    | Sub-Category:    |    |
| <b>Project Justification</b>   |  |                              |          |                  |    |
| Lake Houston and associated infrastructure are part of the City's long-term plan for water supply.   |  | Units:                       | 0        |                  |    |
|  |  | Start Year:                  |          |                  |    |
|  |  | RCC Total                    | \$       | RCA Total        | \$ |

| Project Allocation                              |      |               |      |      |      | 2024-2028     |
|---|------|---------------|------|------|------|---------------|
|   | 2024 | 2025          | 2026 | 2027 | 2028 |               |
| Planning  |      |               |      |      |      |               |
| Acquisition-Land                                |      |               |      |      |      |               |
| Design  |      |               |      |      |      |               |
| Construction                                    |      |               |      |      |      |               |
| Equipment Acquisition                           |      |               |      |      |      |               |
| Salary Recovery                                 |      |               |      |      |      |               |
| Other   |      | 42,796        |      |      |      | 42,796        |
| <b>Total Allocation</b>                         |      | <b>42,796</b> |      |      |      | <b>42,796</b> |
| <b>Source of Funds</b>                          |      |               |      |      |      |               |
| 4042 - DDSRF CAPITAL FUND-DRAINAGE CHARGE       |      | 10,699        |      |      |      | 10,699        |
| 5430 - Federal State Local - HPW Pass thru DDSR |      | 32,097        |      |      |      | 32,097        |
| <b>Total Funds</b>                              |      | <b>42,796</b> |      |      |      | <b>42,796</b> |

This project is related to the impact of Hurricane Harvey DR4332 and it is the City's intent to seek reimbursement from the Federal Emergency Management Agency (FEMA) and any other eligible sources for such expenditures, with the FEMA share being 90% of eligible costs.



**2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - WATER UTILITY SYSTEM FACILITIES**

|  |                              |          |                  |    |
|--|------------------------------|----------|------------------|----|
| Project: San Jacinto River Authority                                       | Project No.                  |          | S-000894         |    |
| <b>Project Description</b>   |                              |          |                  |    |
| Partnership projects between the City and the San Jacinto River Authority. | <b>City Council District</b> |          |                  |    |
|  | Location                     | CITYWIDE | Address Descr 2: |    |
|  | Served:                      | CITYWIDE | Zip Codes:       |    |
|  | Key Map:                     |          | Category:        |    |
|  | Location Code:               | UA-00    | Sub-Category:    |    |
| <b>Project Justification</b>   |                              |          |                  |    |
| Partnership projects between the City and the San Jacinto River Authority. | Units:                       | 0        |                  |    |
|  | Start Year:                  |          |                  |    |
|  | RCC Total                    | \$       | RCA Total        | \$ |

| Project Allocation                         |            |            |      |      |      | 2024-2028    |
|--|------------|------------|------|------|------|--------------|
|  | 2024       | 2025       | 2026 | 2027 | 2028 |              |
| Planning                                   |            |            |      |      |      |              |
| Acquisition-Land                           |            |            |      |      |      |              |
| Design                                     |            |            |      |      |      |              |
| Construction                               |            |            |      |      |      |              |
| Equipment Acquisition                      |            |            |      |      |      |              |
| Salary Recovery                            |            |            |      |      |      |              |
| Other                                      | 800        | 800        |      |      |      | 1,600        |
| <b>Total Allocation</b>                    | <b>800</b> | <b>800</b> |      |      |      | <b>1,600</b> |
| <b>Source of Funds</b>                     |            |            |      |      |      |              |
| 8500 - HPW-W&S Syst Consolidated Constr Fd | 800        | 800        |      |      |      | 1,600        |
| <b>Total Funds</b>                         | <b>800</b> | <b>800</b> |      |      |      | <b>1,600</b> |

**2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - WATER UTILITY SYSTEM FACILITIES**

|   |  |                              |          |                  |    |
|---|--|------------------------------|----------|------------------|----|
| Project: Surface Water Transmission Program   |  | Project No.                  |          | S-000900         |    |
| <b>Project Description</b>  |  |                              |          |                  |    |
| Project program provides for the design and construction of transmission and distribution lines to convey treated water from surface water facilities.  |  | <b>City Council District</b> |          |                  |    |
|   |  | Location                     | CITYWIDE | Address Descr 2: |    |
|   |  | Served:                      | CITYWIDE | Zip Codes:       |    |
|   |  | Key Map:                     |          | Category:        |    |
|   |  | Location Code:               | UA-00    | Sub-Category:    |    |
| <b>Project Justification</b>  |  |                              |          |                  |    |
| This program is required to comply with the Harris-Galveston Subsidence District requirement and to implement City's regionalization plan. This program is part of the City's long range water supply plan. |  | Units:                       | 0        |                  |    |
|   |  | Start Year:                  |          |                  |    |
|   |  | RCC Total                    | \$       | RCA Total        | \$ |

| Project Allocation                         |               |                |                |               |      | 2024-2028      |
|--|---------------|----------------|----------------|---------------|------|----------------|
|  | 2024          | 2025           | 2026           | 2027          | 2028 |                |
| Planning                                   |               |                |                |               |      |                |
| Acquisition-Land                           | 23,796        |                |                |               |      | 23,796         |
| Design                                     | 8,474         |                |                |               |      | 8,474          |
| Construction                               | 54,704        | 162,416        | 123,098        | 43,660        |      | 383,878        |
| Equipment Acquisition                      |               |                |                |               |      |                |
| Salary Recovery                            |               |                |                |               |      |                |
| Other                                      |               |                |                |               |      |                |
| <b>Total Allocation</b>                    | <b>86,974</b> | <b>162,416</b> | <b>123,098</b> | <b>43,660</b> |      | <b>416,147</b> |
| <b>Source of Funds</b>                     |               |                |                |               |      |                |
| 8500 - HPW-W&S Syst Consolidated Constr Fd | 67,974        | 67,907         | 123,098        | 43,660        |      | 302,639        |
| 8509 - HPW-SETL Capital Contribution       | 18,999        | 78,802         |                |               |      | 97,801         |
| 8510 - HPW-SETL Construction Fund          |               | 15,707         |                |               |      | 15,707         |
| <b>Total Funds</b>                         | <b>86,974</b> | <b>162,416</b> | <b>123,098</b> | <b>43,660</b> |      | <b>416,147</b> |

**2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - WATER UTILITY SYSTEM FACILITIES**

|   |                              |          |                  |    |
|---|------------------------------|----------|------------------|----|
| Project: Condition Assessment and Rehabilitation  | Project No.                  | S-000901 |                  |    |
| <b>Project Description</b>  |                              |          |                  |    |
| This program provides for inspection, rehabilitation, and replacement of large diameter water lines.  | <b>City Council District</b> |          |                  |    |
|   | Location                     | CITYWIDE | Address Descr 2: |    |
|   | Served:                      | CITYWIDE | Zip Codes:       |    |
|   | Key Map:                     |          | Category:        |    |
|   | Location Code:               | UA-00    | Sub-Category:    |    |
| <b>Project Justification</b>  |                              |          |                  |    |
| This program is necessary to provide preventive maintenance for large diameter water lines to ensure the demand capacity of water distribution and transmission system. | Units:                       | 0        |                  |    |
|   | Start Year:                  |          |                  |    |
|   | RCC Total                    | \$       | RCA Total        | \$ |

| Project Allocation                         |               |              |              |              |              | 2024-2028     |
|--|---------------|--------------|--------------|--------------|--------------|---------------|
|  | 2024          | 2025         | 2026         | 2027         | 2028         |               |
| Planning                                   |               |              |              |              |              |               |
| Acquisition-Land                           |               |              |              |              |              |               |
| Design                                     | 500           | 500          | 500          | 500          | 500          | 2,500         |
| Construction                               | 10,550        | 5,000        | 5,000        | 5,000        | 5,000        | 30,550        |
| Equipment Acquisition                      |               |              |              |              |              |               |
| Salary Recovery                            |               |              |              |              |              |               |
| Other                                      |               |              |              |              |              |               |
| <b>Total Allocation</b>                    | <b>11,050</b> | <b>5,500</b> | <b>5,500</b> | <b>5,500</b> | <b>5,500</b> | <b>33,050</b> |
| <b>Source of Funds</b>                     |               |              |              |              |              |               |
| 8500 - HPW-W&S Syst Consolidated Constr Fd | 11,050        | 5,500        | 5,500        | 5,500        | 5,500        | 33,050        |
| <b>Total Funds</b>                         | <b>11,050</b> | <b>5,500</b> | <b>5,500</b> | <b>5,500</b> | <b>5,500</b> | <b>33,050</b> |

**2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - WATER UTILITY SYSTEM FACILITIES**

|   |  |                              |          |                  |    |  |
|---|--|------------------------------|----------|------------------|----|--|
| Project: Automatic Meter Reading Program  |  | Project No.                  |          | S-000956         |    |  |
| <b>Project Description</b>  |  |                              |          |                  |    |  |
| This program provides for the purchase and installation of radio frequency automated meter reading devices and Mobile Data Command System to read meters. |  | <b>City Council District</b> |          |                  |    |  |
|   |  | Location                     | CITYWIDE | Address Descr 2: |    |  |
|   |  | Served:                      | CITYWIDE | Zip Codes:       |    |  |
|   |  | Key Map:                     |          | Category:        |    |  |
|   |  | Location Code:               | UA-00    | Sub-Category:    |    |  |
| <b>Project Justification</b>  |  |                              |          |                  |    |  |
| The program reduces manpower and allow monitoring water consumption on demand to reduce unaccounted water.  |  | Units:                       | 0        |                  |    |  |
|   |  | Start Year:                  |          |                  |    |  |
|   |  | RCC Total                    | \$       | RCA Total        | \$ |  |

| Project Allocation                         |      |      |               |      |      | 2024-2028     |
|--|------|------|---------------|------|------|---------------|
|  | 2024 | 2025 | 2026          | 2027 | 2028 |               |
| Planning                                   |      |      |               |      |      |               |
| Acquisition-Land                           |      |      |               |      |      |               |
| Design                                     |      |      |               |      |      |               |
| Construction                               |      |      |               |      |      |               |
| Equipment Acquisition                      |      |      | 16,055        |      |      | 16,055        |
| Salary Recovery                            |      |      |               |      |      |               |
| Other                                      |      |      |               |      |      |               |
| <b>Total Allocation</b>                    |      |      | <b>16,055</b> |      |      | <b>16,055</b> |
| <b>Source of Funds</b>                     |      |      |               |      |      |               |
| 8500 - HPW-W&S Syst Consolidated Constr Fd |      |      | 16,055        |      |      | 16,055        |
| <b>Total Funds</b>                         |      |      | <b>16,055</b> |      |      | <b>16,055</b> |

**2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - WATER UTILITY SYSTEM FACILITIES**

|  |  |                              |          |                  |    |
|--|--|------------------------------|----------|------------------|----|
| Project: Meter Replacement & Upgrade Program   |  | Project No.                  |          | S-000958         |    |
| <b>Project Description</b>   |  |                              |          |                  |    |
| This program provides removal, replacement, and upgrade of water meters to get accurate readings.  |  | <b>City Council District</b> |          |                  |    |
|  |  | Location                     | CITYWIDE | Address Descr 2: |    |
|  |  | Served:                      | CITYWIDE | Zip Codes:       |    |
|  |  | Key Map:                     |          | Category:        |    |
|  |  | Location Code:               | UA-00    | Sub-Category:    |    |
| <b>Project Justification</b>   |  |                              |          |                  |    |
| Replacement of the meters has been determined to be more cost effective than retrofitting the old meters and would increase annual revenues. |  | Units:                       | 0        |                  |    |
|  |  | Start Year:                  |          |                  |    |
|  |  | RCC Total                    | \$       | RCA Total        | \$ |

| Project Allocation                         |               |              |              |              |              | 2024-2028     |
|--|---------------|--------------|--------------|--------------|--------------|---------------|
|  | 2024          | 2025         | 2026         | 2027         | 2028         |               |
| Planning                                   |               |              |              |              |              |               |
| Acquisition-Land                           |               |              |              |              |              |               |
| Design                                     |               |              |              |              |              |               |
| Construction                               |               |              |              |              |              |               |
| Equipment Acquisition                      | 11,500        | 5,500        | 5,500        | 5,500        | 5,500        | 33,500        |
| Salary Recovery                            |               |              |              |              |              |               |
| Other                                      |               |              |              |              |              |               |
| <b>Total Allocation</b>                    | <b>11,500</b> | <b>5,500</b> | <b>5,500</b> | <b>5,500</b> | <b>5,500</b> | <b>33,500</b> |
| <b>Source of Funds</b>                     |               |              |              |              |              |               |
| 8500 - HPW-W&S Syst Consolidated Constr Fd | 11,500        | 5,500        | 5,500        | 5,500        | 5,500        | 33,500        |
| <b>Total Funds</b>                         | <b>11,500</b> | <b>5,500</b> | <b>5,500</b> | <b>5,500</b> | <b>5,500</b> | <b>33,500</b> |

**2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - WATER UTILITY SYSTEM FACILITIES**

|  |                              |          |                  |
|--|------------------------------|----------|------------------|
| Project: Pump Station Program  | Project No.                  | S-001000 |                  |
| <b>Project Description</b>   |                              |          |                  |
| This program provides for the renewal of pump stations. Improvements include renovations, individual pump installation, replacement of electrical switchgear, generators, valves, meters, motors, pumps, lead abatement, site demolition, and roadway. | <b>City Council District</b> |          |                  |
|  | Location                     | CITYWIDE | Address Descr 2: |
|  | Served:                      | CITYWIDE | Zip Codes:       |
|  | Key Map:                     |          | Category:        |
|  | Location Code:               | UA-00    | Sub-Category:    |
| <b>Project Justification</b>   |                              |          |                  |
| This program is necessary to meet the water system capacity requirements by the TCEQ and Annual State inspection.  | Units:                       | 0        |                  |
|  | Start Year:                  |          |                  |
|  | RCC Total                    | \$       | RCA Total \$     |

| Project Allocation                         |               |               |      |      |      | 2024-2028     |
|--|---------------|---------------|------|------|------|---------------|
|  | 2024          | 2025          | 2026 | 2027 | 2028 |               |
| Planning                                   |               |               |      |      |      |               |
| Acquisition-Land                           |               |               |      |      |      |               |
| Design                                     |               |               |      |      |      |               |
| Construction                               | 61,775        | 17,192        |      |      |      | 78,967        |
| Equipment Acquisition                      |               |               |      |      |      |               |
| Salary Recovery                            |               |               |      |      |      |               |
| Other                                      |               |               |      |      |      |               |
| <b>Total Allocation</b>                    | <b>61,775</b> | <b>17,192</b> |      |      |      | <b>78,967</b> |
| <b>Source of Funds</b>                     |               |               |      |      |      |               |
| 8500 - HPW-W&S Syst Consolidated Constr Fd | 61,775        | 17,192        |      |      |      | 78,967        |
| <b>Total Funds</b>                         | <b>61,775</b> | <b>17,192</b> |      |      |      | <b>78,967</b> |

This project is related to the impact of Hurricane Harvey DR4332 and it is the City's intent to seek reimbursement from the Federal Emergency Management Agency (FEMA) and any other eligible sources for such expenditures, with the FEMA share being 90% of eligible costs.

**2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - WATER UTILITY SYSTEM FACILITIES**

|  |                              |          |                  |    |
|--|------------------------------|----------|------------------|----|
| Project: Water Substitute Service Program  | Project No.                  | S-002015 |                  |    |
| <b>Project Description</b>   |                              |          |                  |    |
| The program consists of design and construction associated with removing water main lines from the rear of lots, and installing a new main line and service line in the front of the right of way at the City's expense. | <b>City Council District</b> |          |                  |    |
|  | Location                     | CITYWIDE | Address Descr 2: |    |
|  | Served:                      | CITYWIDE | Zip Codes:       |    |
|  | Key Map:                     |          | Category:        |    |
|  | Location Code:               | UA-00    | Sub-Category:    |    |
| <b>Project Justification</b>   |                              |          |                  |    |
| The program is required to provide better service to customers with minimal disruption and lower maintenance costs.  | Units:                       | 0        |                  |    |
|  | Start Year:                  |          |                  |    |
|  | RCC Total                    | \$       | RCA Total        | \$ |

| Project Allocation                         |            |            |            |            |            | 2024-2028    |
|--|------------|------------|------------|------------|------------|--------------|
|  | 2024       | 2025       | 2026       | 2027       | 2028       |              |
| Planning                                   |            |            |            |            |            |              |
| Acquisition-Land                           |            |            |            |            |            |              |
| Design                                     |            |            |            |            |            |              |
| Construction                               | 300        | 300        | 300        | 300        | 300        | 1,500        |
| Equipment Acquisition                      |            |            |            |            |            |              |
| Salary Recovery                            |            |            |            |            |            |              |
| Other                                      |            |            |            |            |            |              |
| <b>Total Allocation</b>                    | <b>300</b> | <b>300</b> | <b>300</b> | <b>300</b> | <b>300</b> | <b>1,500</b> |
| <b>Source of Funds</b>                     |            |            |            |            |            |              |
| 8500 - HPW-W&S Syst Consolidated Constr Fd | 300        | 300        | 300        | 300        | 300        | 1,500        |
| <b>Total Funds</b>                         | <b>300</b> | <b>300</b> | <b>300</b> | <b>300</b> | <b>300</b> | <b>1,500</b> |

**2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - WATER UTILITY SYSTEM FACILITIES**

|  |                              |          |                  |    |
|--|------------------------------|----------|------------------|----|
| Project: Upgrades to CUS-Owned Support Facilities<br>VARIOUS LOCATIONS   | Project No.                  |          | S-900001         |    |
| <b>Project Description</b>   |                              |          |                  |    |
| Upgrades to Mechanical, Electrical and Plumbing Systems at 611 Walker, 2805 McKinney, and other support facilities | <b>City Council District</b> |          |                  |    |
|  | Location                     | CITYWIDE | Address Descr 2: |    |
|  | Served:                      | CITYWIDE | Zip Codes:       |    |
|  | Key Map:                     |          | Category:        |    |
|  | Location Code:               | UA-00    | Sub-Category:    |    |
| <b>Project Justification</b>   |                              |          |                  |    |
| Address life/safety and functional requirements for CUS-owned office/support facilities.                           | Units:                       | 0        |                  |    |
|  | Start Year:                  |          |                  |    |
|  | RCC Total                    | \$       | RCA Total        | \$ |

| Project Allocation                         |              |              |              |              |              | 2024-2028    |
|--|--------------|--------------|--------------|--------------|--------------|--------------|
|  | 2024         | 2025         | 2026         | 2027         | 2028         |              |
| Planning                                   |              |              |              |              |              |              |
| Acquisition-Land                           |              |              |              |              |              |              |
| Design                                     |              |              |              |              |              |              |
| Construction                               | 5,500        | 1,000        | 1,000        | 1,000        | 1,000        | 9,500        |
| Equipment Acquisition                      |              |              |              |              |              |              |
| Salary Recovery                            |              |              |              |              |              |              |
| Other                                      |              |              |              |              |              |              |
| <b>Total Allocation</b>                    | <b>5,500</b> | <b>1,000</b> | <b>1,000</b> | <b>1,000</b> | <b>1,000</b> | <b>9,500</b> |
| <b>Source of Funds</b>                     |              |              |              |              |              |              |
| 8500 - HPW-W&S Syst Consolidated Constr Fd | 5,500        | 1,000        | 1,000        | 1,000        | 1,000        | 9,500        |
| <b>Total Funds</b>                         | <b>5,500</b> | <b>1,000</b> | <b>1,000</b> | <b>1,000</b> | <b>1,000</b> | <b>9,500</b> |

This project is related to the impact of Hurricane Harvey DR4332 and it is the City's intent to seek reimbursement from the Federal Emergency Management Agency (FEMA) and any other eligible sources for such expenditures, with the FEMA share being 90% of eligible costs.



**2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - WATER UTILITY SYSTEM FACILITIES**

|  |                              |          |                  |    |
|--|------------------------------|----------|------------------|----|
| Project: Funding Offset  | Project No.                  | S-NA0000 |                  |    |
| <b>Project Description</b>   |                              |          |                  |    |
| A negative amount is shown here to exclude the Lake Houston Dam Project (S-00890) from the Combined Utility System Capital Improvement Program by offsetting the total of Fund 4042 and Fund 5430 associated with the project. A negative offset eliminates double counting across the sections of the CIP.                                  | <b>City Council District</b> |          |                  |    |
|  | Location                     | CITYWIDE | Address Descr 2: |    |
|  | Served:                      | CITYWIDE | Zip Codes:       |    |
|  | Key Map:                     |          | Category:        |    |
|  | Location Code:               | UA-00    | Sub-Category:    |    |
| <b>Project Justification</b>   |                              |          |                  |    |
| This section includes Fund 4042 and Fund 5430 for improvements to the Lake Houston Dam. These costs are not funded by the Combined Utility System (CUS), but are shown in the Water (S-) section to ensure they are associated with the CUS capital plan. The same project is also reported in the Storm Drainage System section (M-450500). | Units:                       | 0        |                  |    |
|  | Start Year:                  |          |                  |    |
|  | RCC Total                    | \$       | RCA Total        | \$ |

| Project Allocation                              |      |                |      |      |      | 2024-2028      |
|---|------|----------------|------|------|------|----------------|
|   | 2024 | 2025           | 2026 | 2027 | 2028 |                |
| Planning  |      |                |      |      |      |                |
| Acquisition-Land                                |      |                |      |      |      |                |
| Design  |      |                |      |      |      |                |
| Construction                                    |      |                |      |      |      |                |
| Equipment Acquisition                           |      |                |      |      |      |                |
| Salary Recovery                                 |      |                |      |      |      |                |
| Other   |      | -42,796        |      |      |      | -42,796        |
| <b>Total Allocation</b>                         |      | <b>-42,796</b> |      |      |      | <b>-42,796</b> |
| <b>Source of Funds</b>                          |      |                |      |      |      |                |
| 4042 - DDSRF CAPITAL FUND-DRAINAGE CHARGE       |      | -10,699        |      |      |      | -10,699        |
| 5430 - Federal State Local - HPW Pass thru DDSR |      | -32,097        |      |      |      | -32,097        |
| <b>Total Funds</b>                              |      | <b>-42,796</b> |      |      |      | <b>-42,796</b> |



**Intentional Blank Page**