

Utility Fund Capital Improvement Projects

| Water Projects | FY 2017 | FY 2018 | FY 2019 | FY 2020 | FY 2021 | FY 2022 |
|--|---------------------|---------------------|---------------------|---------------------|-------------------|---------------------|
| System Strength & Reliability | | | | | | |
| 1 Pfennig pump station improvements (2 pumps, storage, piping) | \$ 205,619 | \$ - | \$ - | \$ - | \$ - | \$ - |
| 2 Pump Station at Water Treatment Plant | - | 250,000 | 2,250,000 | - | - | - |
| 3 River Intake Relocation | - | - | - | - | 189,000 | 1,698,000 |
| Storage | | | | | | |
| 4 Heatherwilde Elevated Storage (950 Pressure Plane) | 4,212,481 | 1,703,000 | - | - | - | - |
| 5 Elevated Storage Tank (800 Pressure Plane) | - | 1,000,000 | 2,875,000 | 2,875,000 | - | - |
| Distribution | | | | | | |
| 6 NTCMUD#5 Projects 2 | 229,423 | - | - | - | - | - |
| 7 Weiss Lane Transmission Main Phase 1B | 681,719 | 530,000 | - | - | - | - |
| 8 SH 45 Water Extension & Interconnect | - | 848,000 | - | - | - | - |
| 9 South Weiss Transmission Main from Wilbarger Creek to SH130 | - | - | 500,000 | 3,156,000 | - | - |
| 10 Oxford Transmission Main Extension | - | - | - | - | 68,600 | 617,400 |
| Miscellaneous System Improvements | | | | | | |
| 11 City Well No 6 & 7 Repairs and Upgrades | 53,605 | 827,686 | - | - | - | - |
| 12 Pecan Street Parkway Drive Interconnect | - | - | - | 31,800 | 286,200 | - |
| 13 Portchester Castle Path/Stone Hill Pressure Plane Interconnection | - | - | - | - | 57,000 | - |
| 14 Wells Branch Loop Main Extension | - | - | - | - | 47,500 | 427,500 |
| Support Facilities | | | | | | |
| 15 Field Crew Building | 250,000 | 500,000 | - | - | - | - |
| Total Water Projects | \$ 5,632,847 | \$ 5,658,686 | \$ 5,625,000 | \$ 6,062,800 | \$ 648,300 | \$ 2,742,900 |
| Funding sources- Water: | | | | | | |
| Transfer from Fund balance | (303,605) | (4,733,686) | - | - | - | - |
| Existing Bond Funds | (3,579,242) | - | - | - | - | - |
| New Bond Funds | - | - | (5,625,000) | (4,762,800) | (648,300) | (2,067,900) |
| Water Impact Fees | (1,750,000) | (925,000) | - | (1,300,000) | - | (675,000) |
| Indicates project partially funded by Impact Fees | | | | | | |

Utility Fund Capital Improvement Projects

| Wastewater Projects | FY 2017 | FY 2018 | FY 2019 | FY 2020 | FY 2021 | FY 2022 |
|---|----------------------|----------------------|----------------------|----------------------|---------------------|-------------------|
| Capacity Expansion | | | | | | |
| 1 Central WWTP Capacity Expansion to 9.0 MGD | \$ 1,500,000 | \$ 10,750,000 | 13,875,000 | 13,875,000 | \$ - | \$ - |
| 2 New Sweden Package Treatment Plant | 480,000 | 700,000 | - | 3,600,000 | - | - |
| Lift Station Removal | | | | | | |
| 3 Decommision Pfluger Ln (Pflugerville Pkwy) Lift Station | - | 180,000 | - | - | - | - |
| 4 Decommision Highland Park Lift Station | - | - | 27,000 | 153,000 | - | - |
| Development Driven Improvements | | | | | | |
| 5 Sorento/Carmel lift station and force main | 1,326,967 | - | - | - | - | - |
| 6 Sorento Interceptor | 1,535,991 | 585,000 | - | - | - | - |
| 7 Lakeside Interceptor Phase 1 | - | - | 177,600 | 710,400 | - | - |
| 8 Lakeside Interceptor Phase 2 | - | - | - | - | 119,000 | 480,000 |
| 9 SH 45/SH 130 Tunnel (extend service to north) | 200,000 | 2,600,000 | - | - | - | - |
| 10 Carmel Interceptor Phase 1 | 3,226,929 | - | - | - | - | - |
| 11 New Sweden/Cottonwood Interceptor Phase 1 | - | 335,000 | 305,000 | 3,360,000 | - | - |
| 12 West SH 130 Interceptor Phase 1 & 2 | 1,200,000 | \$ 11,200,000 | - | 3,600,000 | - | - |
| 13 Highland Park & Pfluger Ln Interceptor Upsize | - | - | - | 63,300 | 358,700 | - |
| 14 Highland Park & Pfluger Ln Interconnector Phase 2 | - | - | - | 105,600 | 598,400 | - |
| Support Facilities | | | | | | |
| 15 Field Crew Building | 250,000 | 500,000 | - | - | - | - |
| 16 Plant Site Expansion | 450,000 | - | - | - | - | - |
| Total Wastewater Projects | \$ 10,169,887 | \$ 26,850,000 | \$ 14,384,600 | \$ 25,467,300 | \$ 1,076,100 | \$ 480,000 |

Funding sources - Wastewater:

| | | | | | | |
|----------------------------------|-------------|--------------|--------------|--------------|-------------|-----------|
| Transfer from Fund balance | (2,380,000) | (4,200,000) | (332,000) | (153,000) | - | - |
| Existing Bond Funds | (4,962,920) | - | - | - | - | - |
| New Bond Funds | - | (18,650,000) | (14,052,600) | (25,314,300) | (1,076,100) | (480,000) |
| Wastewater (Central) Impact Fees | (2,826,967) | (4,000,000) | - | - | - | - |

Indicates project partially funded by Impact Fees



Utility Fund Capital Improvement Projects

| Total Funding Sources - Water & Wastewater | FY 2017 | FY 2018 | FY 2019 | FY 2020 | FY 2021 | FY 2022 |
|--|----------------------|----------------------|----------------------|----------------------|---------------------|---------------------|
| Transfer from Fund balance | \$ (2,683,605) | \$ (8,933,686) | \$ (332,000) | \$ (153,000) | \$ - | \$ - |
| Existing Bond Funds | (8,542,162) | - | - | - | - | - |
| New Bond Funds | - | (18,650,000) | (19,677,600) | (30,077,100) | (1,724,400) | (2,547,900) |
| Water and Wastewater (Central) Impact Fees | (4,576,967) | (4,925,000) | - | (1,300,000) | - | (675,000) |
| Projected fund balance remaining at year-end: | \$ 13,173,566 | \$ 4,239,880 | \$ 3,907,880 | \$ 3,754,880 | \$ 3,754,880 | \$ 3,754,880 |
| Bond funds remaining at year-end: | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | | | | | | |
| Total Proposed Water and Wastewater CIP Expense | \$ 15,802,734 | \$ 32,508,686 | \$ 20,009,600 | \$ 31,530,100 | \$ 1,724,400 | \$ 3,222,900 |

Notes

All project information provided by Capital Improvement Project Coordinator in May 2017.

Water and Wastewater Master Plan Updates (2017/2018), and the 5-year Impact Fee and CIP Update (2018) are included in the utility operating budget.

Use of available fund balance will be considered prior to future bond issuances.