

## Priority Projects to be Funded through Water and Sewer Funds

### Water Projects

#### 1. Telephone Water Well

- Project Scope: The project will consist of the installation of a 1,000 gallon per minute water well to replace the obsolete well at the corner of Telephone Road and Amonett Street. The project will also include upgrades to the process equipment at the Criswell water treatment plant. Design and permitting for the new well have been completed, and the project is ready to move to the bid process.
- Project Justification: The installation of a new 1,000 gpm water well at this location would provide additional flow to the Criswell water treatment plant, allowing the plant to be operated utilizing the new well exclusively, if needed. This will provide additional capacity and redundancy throughout the water distribution system City-wide.
- Project Cost: The estimated project cost is **\$1,500,000.00** (construction and engineering services during construction).

#### 2. Water Main Replacement (Various)

- Project Scope: The project will consist of the replacement of various water mains throughout the City. These mains include: Lureco Street, Pineview Avenue, Margie Moore Avenue, and New Hope Avenue.
- Project Justification: The replacement of the referenced water mains will address multiple areas where the existing water distribution system is beyond service life. The existing water mains are undersized, outdated, and are in need of continued repairs to remain in service. The project will provide increased capacity as well as reliability of service and fire flow to the areas being served.
- Project Cost: The estimated project cost is **\$600,000.00** (construction and engineering services).

### Sewer Projects

#### 1. Chicot Street Sewer Rehabilitation

- Project Scope: The project will consist of the rehabilitation of approximately 6,000 linear feet of gravity sewer mains along Chicot Road between Highway 90 and Scovel Avenue, to include video inspection, cured-in-place pipe lining, manhole lining, and point repairs.
- Project Justification: The rehabilitation of the referenced sewer mains will address a substantial area where the existing sewer distribution system is outdated. The existing gravity mains to be rehabilitated have been an on-going source of infiltration as routine repairs are difficult to conduct. Rehabilitation of the referenced sewer mains will increase the service life of these mains, while greatly reducing infiltration in this area.
- Project Cost: The estimated project cost is **\$1,650,000.00** (construction and engineering services).

2. Sewer Rehabilitation – Bates Street to Washington Avenue

- Project Scope: The project will consist of the rehabilitation of approximately 2,500 linear feet of 12" clay gravity sewer mains, to include video inspection, cured-in-place pipe lining, manhole lining, and point repairs between the Bates Street lift station and Washington Avenue.
- Project Justification: The existing gravity mains to be rehabilitated are located along a section of Chicot Bayou in the back yards of numerous properties. Due to the access issues associated with their location, these mains have been an on-going source of infiltration as routine repairs are difficult to conduct. Rehabilitation of the referenced sewer mains will increase the service life of these mains, while greatly reducing infiltration in this area. This will result in reduced runtimes and pump rates for the Washington Avenue lift station.
- Project Cost: The estimated project cost is **\$1,250,000.00** (construction and engineering services).