

Southwest City:

Southwest City Drinking Water Project

Project Overview: The Southwest City Drinking Water Project is a major infrastructure initiative designed to improve public health, safety, and reliability of water services across the community. Funded in part by a \$750,000 Community Development Block Grant (CDBG), and supported by USDA funding, this project addresses longstanding issues in water system efficiency and safety, including aging infrastructure, water loss, and contamination risks.

Why This Project Matters:

- **Water Loss & System Upgrades:** The city has been experiencing significant water loss and high energy costs due to aging water lines and inefficient pumps. Replacing these components will help reduce costs and preserve valuable resources.
- **Storage & Pressure Improvements:** The project includes replacing a leaking elevated water storage tank and installing a new standpipe, ensuring better water pressure and supply consistency across the system.
- **Health & Safety:** A new well will replace Well No. 2, which previously tested positive for E. Coli. This will ensure a safer drinking water supply for all residents.
- **Emergency Preparedness:** Enhanced hydrant flow and new interconnection lines with neighboring water districts will improve response capabilities during emergencies.
- **Street Restoration:** Roads affected by the water line replacements will be resurfaced with asphalt overlay, enhancing infrastructure across the city.

Project Highlights:

- Replacement of 20,000 feet of outdated water mains
- Construction of a new city well and southern standpipe
- New hydrants, valves, service connections, and looping lines
- Interconnection to Public Water Supply District No. 3
- Decommissioning of Well No. 2 and other outdated equipment
- Restoration of approximately 15,000 feet of city streets

Community Impact: This project directly benefits all 970 residents of Southwest City, with over 60% being low-to-moderate income (LMI) individuals and families. It enhances both the quality and security of the town's water infrastructure while preparing for future growth and resiliency.