

Attachment A
Project Descriptions

Remote Facilities Improvements (5-C-002-20)

Replacement of all the electrical feed equipment at all the water tower sites, lighting and security upgrades and lightning protection upgrades for the well fields and replacement of the aging generator at Collector Well #2. Also, rehabilitation or replacement of the existing pumps as determined by the asset management system. All remote facility piping, associated with each site, will be recoated to extend the useful life of these assets. Improvements are at Black Bob Pump Station, Renner Pump Station, Hedge Lane Pump Station, and Collector Well Generator.

PROPOSED FUNDING SOURCE	PROPOSED FUNDING AMOUNT
REVENUE BONDS	\$4,999,500
CASH	\$609,000
TOTAL	\$5,608,500

Ridgeview Rd Watermain Improvements, College and Ridgeview (5-C-048-20)

Installation of over 2,000 LF of watermain to complete the necessary watermain loop from Corporate Ridge to College Boulevard. Installation of a secondary feed along the City boundary to feed Corporate Ridge.

PROPOSED FUNDING SOURCE	PROPOSED FUNDING AMOUNT
REVENUE BONDS	\$1,387,000

WTP2: Electrical/Backup Power (5-C-028-20)

Construction of a centralized power center for a single power feed from Evergy, a new generator to provide automated backup power to all plant processes, upgrades to the SCADA system and electrical duct banks and cables for re-distribution of power at Water Treatment Plant 2. Generators will also be installed at Collector Wells 3 and 4 to provide backup power.

PROPOSED FUNDING SOURCE	PROPOSED FUNDING AMOUNT
REVENUE BONDS	\$10,246,000

WTP2: Chemical Feed Modifications (5-C-026-20)

Replacement of the existing buried chemical feed lines in a new concrete duct bank to allow future replacement and maintenance without excavation. The project also includes addition of standby chemical pumps to prevent plant downtime, the addition of chemical containment areas, installation of a new sanitary sewer lift station and forcemain, and a new fluoride feed system.

PROPOSED FUNDING SOURCE	PROPOSED FUNDING AMOUNT
REVENUE BONDS	\$2,869,000
CASH	\$656,000
TOTAL	\$3,525,000

Lone Elm Booster Pump Station and Main (5-B-007-20)

Installation of approximately 4 miles of distribution water main along Lone Elm to 159th Street, then along 159th Street to Old 56 Hwy and then north to 151st St connection. The improvements include the installation of a water booster pump station needed to meet the minimum fire flow requirements of 2,500 gallons per minute in the southwest portion of the City and allow for new growth along 159th Street.

PROPOSED FUNDING SOURCE	PROPOSED FUNDING AMOUNT
REVENUE BONDS	\$765,840
GO BONDS (BENEFIT DISTRICT)	\$13,518,083
TOTAL	\$14,283,923