

SANITARY SEWER LINE REPLACEMENT IN WOLF CREEK

FLOODPLAIN INFORMATION

This project is not located in the 100-year floodplain.

FARMLAND PRESERVATION REVIEW

This project does not impact farmland.

PROJECT SUPPORT

This project is considered a high priority for the City of Trotwood and is listed on the current CIR.

INFRASTRUCTURE CONDITION

The original useful life of the collection system was 50 years. It is currently 65 years old. The original function was to follow the Wolf Creek and to cross it at several points; however, over the years the flow has eroded the creek bed and exposed the pipe. The elements have cracked the pipe causing it to leak raw sewage into Wolf Creek. The work is needed to eliminate the creek crossing in the project area to insure the health and safety of the resident that live along Wolf Creek.

GENERATION OF REVENUE

There are no user fees or property assessments connected to this project. This project will be funded by the Stormwater Maintenance Fund (See Certification of Local Funds).

ADDITIONAL FUNDING

No other State or Federal funding applications have been submitted

READINESS OF PROJECT

Bid advertisement and award will be completed by _____.

HEALTH AND SAFETY

This project will eliminate 3 creek crossings. One crossing, the sanitary sewer has been exposed by erosion of the creek bed. This has led to the sewer line cracking and letting raw sewage seep into Wolf Creek. The other two crossings are not far behind this one in being exposed. This project will also eliminate an inverted syphon that, at times, has gone septic due to low flows, causing both a health and odor problem

This project will improve the health and safety of the local residents by (1) eliminating any potential leaks of raw sewage into Wolf Creek and (2) eliminate a septic inverted syphon that often causes odor problems.

See Supporting Documentation, Photographs and Map.

ADDRESSES DISTRICT INFRASTRUCTURE NEEDS

The Trotwood sewer system was constructed in the mid 1950's. The normal life expectancy for a sewer system is 50 years and these sewers have been in service for over 56 years. Wastewater treatment is provided through the Montgomery County Department of Environmental Services. This project will help to reduce the amount of I/I in the collection system and trunk system leading to Montgomery County thus freeing up capacity for future development and job creation.

PROJECT PHOTOGRAPHS



Picture shows the 18" diameter trunk sewer exposed in Wolf Creek (looking east).



Picture shows cracked 18" diameter trunk sewer exposed in Wolf Creek (looking east).



Picture shows detail of the cracked 18" diameter trunk sewer exposed in Wolf Creek (looking east).