

Sanitary Sewer Projects

Diamond Wastewater System Improvements Diamond, MO

CHALLENGE

The City of Diamond is in urgent need of improvements to its existing wastewater collection system. The capacity of the existing system is limited. When the capacity is exceeded the manholes begin backing up. Future growth and/or the inevitable inflow and infiltration will continue causing surcharges.

SOLUTION

TSE has designed several alternative solutions to improve the wastewater system. Of five possible solutions, TSE has recommended a parallel main between Manhole 10 and the West Lagoon (2,450 linear feet), a second phase of parallel main (1,100 linear feet) and extensions of gravity line in two locations to serve more residents (approximately 5,500 linear feet).



SPECIAL FEATURES

- Two alternatives also include the closing of an unused East Lagoon and improvements to irrigation property.
- **Funding is being provided by a USDA Rural Development Loan**

Reference: **Steve Carter**
Mayor
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