

RAWAON SANITARY SEWER COLLECTION SYSTEM AND TREATMENT PLANT



VILLAGE OF RAWSON SANITARY SEWER COLLECTION SYSTEM AND WASTEWATER TREATMENT PLANT

VILLAGE OF RAWSON WWTP EXPANSION

CLIENT: Village of Rawson, Corey Miracle, 419-963-5385

SERVICES: Construction Engineering, Bidding, Grant Administration, Inspection and Construction Staking

PROJECT DESCRIPTION

Feller, Finch & Associates prepared a preliminary feasibility study and final design for a wastewater treatment and collection system of unsewered area located in the Village of Rawson. The Sanitary Sewer Master Plan involved analysis of current situation, projected demands, and analysis of collection treatment alternatives and recommendations. Sanitary sewer and wastewater treatment plant improvements included installation of approximately 16,000 LF of gravity sanitary sewers, 1,400 LP of force main, and a 0.2 MGD three cell facultative control discharge lagoon wastewater treatment plant. The WWTP was designed to serve approximately 205 homes in Rawson plus the neighboring villages of Mt. Cory and Benton Ridge.

In 2012 the WWTP was expanded to handle significant growth from a large commercial development in the Village of Rawson. The project involved the addition of a fourth 4.1 million gallon capacity cell, 542 feet of transfer piping, floating rotating mixer for the tertiary pond, and addition of flow meter and data recorder at main pumping station.

FUNDING

Feller, Finch & Associates assisted the Village of Rawson obtain funding through USDA Rural Development, OPWC and OWDA in the amount of \$2,477,350 for initial construction and \$407,000 from USDA/ Rural Development for the WWTP expansion.

