

Frenchtown Twp. Utility Services

PROJECT DESCRIPTION

Nadeau Road - Sewer Extension & Pump Station

This township-wide sanitary sewer study included the coordination with local agencies and the Township Planning Commission. Also included the investigation and evaluation of existing pump stations, gravity sanitary sewer analysis, service area analyses, field survey and preliminary and final report preparation. Also involved the modification of the existing Township Master Plan. Also, included the installation of a Lift Station, 1,700 linear feet of 15-inch pipe, 1,545 linear feet of 12-inch pipe and 190 linear feet of 6-inch force main pipe.

Cole Road Relief – Force Main & Pump Station

This project consisted of the construction of approximately 4,800-feet of 12-inch HDPE sanitary sewer force main using horizontal direction drilling procedures. The construction also included the installation of: 162-feet of 12-inch HDPE sanitary sewer force main, 594 feet of 24-inch PVC sanitary sewer, 122-feet of 24-inch PVC Type PSM sanitary sewer in 36-inch diameter steel casing (bored and jacked), four five-foot diameter manhole structures, one five-foot diameter drop manhole structure and two air release valve assemblies with manhole structures. The project also included the restoration of lawn areas along the route of the sanitary sewer, removal of 186-feet of 18-inch sanitary sewer, installation of 83-feet of 30-inch PVC Type PSM sanitary sewer, 71-feet of 18-inch PVC Type PSM sanitary sewer and a new diversion structure manhole. Installation of a sanitary pump station and related appurtenances, electrical controls and utility services was also completed.

Telegraph Road - Pump Station Replacements

This project consisted of the replacement of three sanitary sewer pump stations in the township, which were nearing capacity and were roughly 30 years old. The work consisted of the demolition and removal of the existing wet wells, pump stations and appurtenances and the construction of a larger diameter wet well utilizing submersible pumps with above ground valve chambers.



LOCATION

Frenchtown Charter Township, Michigan

CLIENT

Frenchtown Charter Township, Michigan

SERVICES PROVIDED

- ◆ Sanitary Sewer Study
- ◆ Investigation & Evaluation of Pump Stations
- ◆ Gravity Sanitary Sewer Analysis
- ◆ Service Area Analysis
- ◆ Field Survey
- ◆ Report Preparation
- ◆ Lift & Pump Station Installation
- ◆ Pipe & Force Main Removal and Installation
- ◆ Manhole Construction
- ◆ Landscape & Utility Services
- ◆ Construction Support Services
- ◆ Wet Well Construction



Utility Construction