



MUNICIPAL WATER

IFM Installs a Containerized Booster Pump on a Municipal Water Line

In late 2016, a city in the Dayton area contacted IFM about water pressure issues within their distribution lines. A factory that is on their water line is not receiving enough water pressure to support the fire suppression pumps for their facility. IFM suggested that a temporary booster pump station was to be connected to the line to increase the pressure and flow to the factory.

There was a critical deadline to be met for the flow test. The IFM team sprang into action designing a containerized pump station. There was a 3000 lbs. booster pump mounted to a custom-built skid and slid into an insulated shipping container. Two big holes were cut into the floor for the new 12" ductile iron waterlines to pass through as the container was lowered over the stubbed lines provided by the city. The waterline was brought up, above ground, and tied in the pump. The city operators will have easy access the pump while it is in operation. Since the water lines were being brought above ground, the control panel, transformer, lighting and tempered heat are also part of the mobile pump station.



This container was completely designed and built in the McClure Office. A crane set the container on a flatbed semi for transport, and then reset the container in the exact location needed for the IFM technicians to tie in this system the day that this was delivered. Once power was provided, IFM technicians returned to site for startup and training

on the unit. The efforts and skills of the IFM team were tested to their full capacity as the final project was a huge success and everything performed exactly as designed.

