



## MUNICIPAL WATER

# IFM INCREASES MUNICIPAL WATER PRESSURE WITH A CONTAINERIZED BOOSTER PUMP

A City in the Dayton area contacted IFM concerning water pressure issues within their distribution lines. A factory on the City's waterline was not receiving enough water pressure to support the facility's fire suppression pumps.

**DESIGN SOLUTION >** IFM suggested building a temporary booster pump station connected to the line to increase the pressure and flow to the factory.

- Due to the critical need for better flow, the IFM team sprang into action designing a containerized pump station.
- The 3,000 lb. skid-mounted booster pump was designed and custom-built at the IFM McClure location.
- To transport, the booster pump was encapsulated in an insulated shipping container, crane-set on a flatbed semi, then reset on location.
- Due to the limited time frame, IFM technicians were on-site during the delivery to immediately tie into the waterlines provided by the City.
- The two new 12" ductile iron waterlines were passed through the base of the container and tied into the booster pump. City operators had easy access to the pump while in operation.
- Since the water lines were above ground, the control panel, transformer, lighting and tempered heat were also part of the mobile pump station.
- Once power was provided, IFM technicians returned to site for startup and training on the unit.
- The booster pump performed to full capacity and was a huge success due to the skills and efforts of the IFM team.

