

BPS 213 Booster Upgrade 2024

General Information

MUNIS No: 14074
Contract No.: 9510
Project Engineer: Tim Pearson
Project Alder: Charles Myadze (AD 18)
Project Location: 1212 Northport Drive Madison, WI

Existing Conditions

This project consists of replacing the existing booster pumps, valves, and piping within the existing control building at 1212 Northport Drive. There have been increasing concerns of a mechanical breakdown at this site, increasing the risk of a water shortage. The existing pumps are undersized to meet fire flow in Zone 5.



Water System Impacts

The Lake View BPS 213 Upgrade project is considered to be critical to meet required fire flow capacity in Zone 5. While the new Lake View tower is in place to help support reliable system pressure and fire protection capacity, additional supply capacity is needed at the booster station to reduce the required water storage volume in the zone. The proposed project that will increase pumping capacity and will provide the required system fire capacity reliability. The ultimate expansion of Zone 5 will also benefit from the upgrade of BPS 213. Expansion will result in higher demands in the north end of Zone 5.

Costs:

Total Cost: \$ 175,000
Assessments: \$ 0
Water: \$ 175,000
Engineering: \$ 0
City Cost: \$ 175,000

Schedule:

Advertise for Bids: April 2024
Construction Start: July 2024
Construction End: December 2024
