

**Business Item 2020-336:**  
**Metropolitan Wastewater Treatment Plant**  
**Secondary Improvements, Contract**  
**20P228, Project #808930**

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Wastewater Planning & Capital Project Delivery

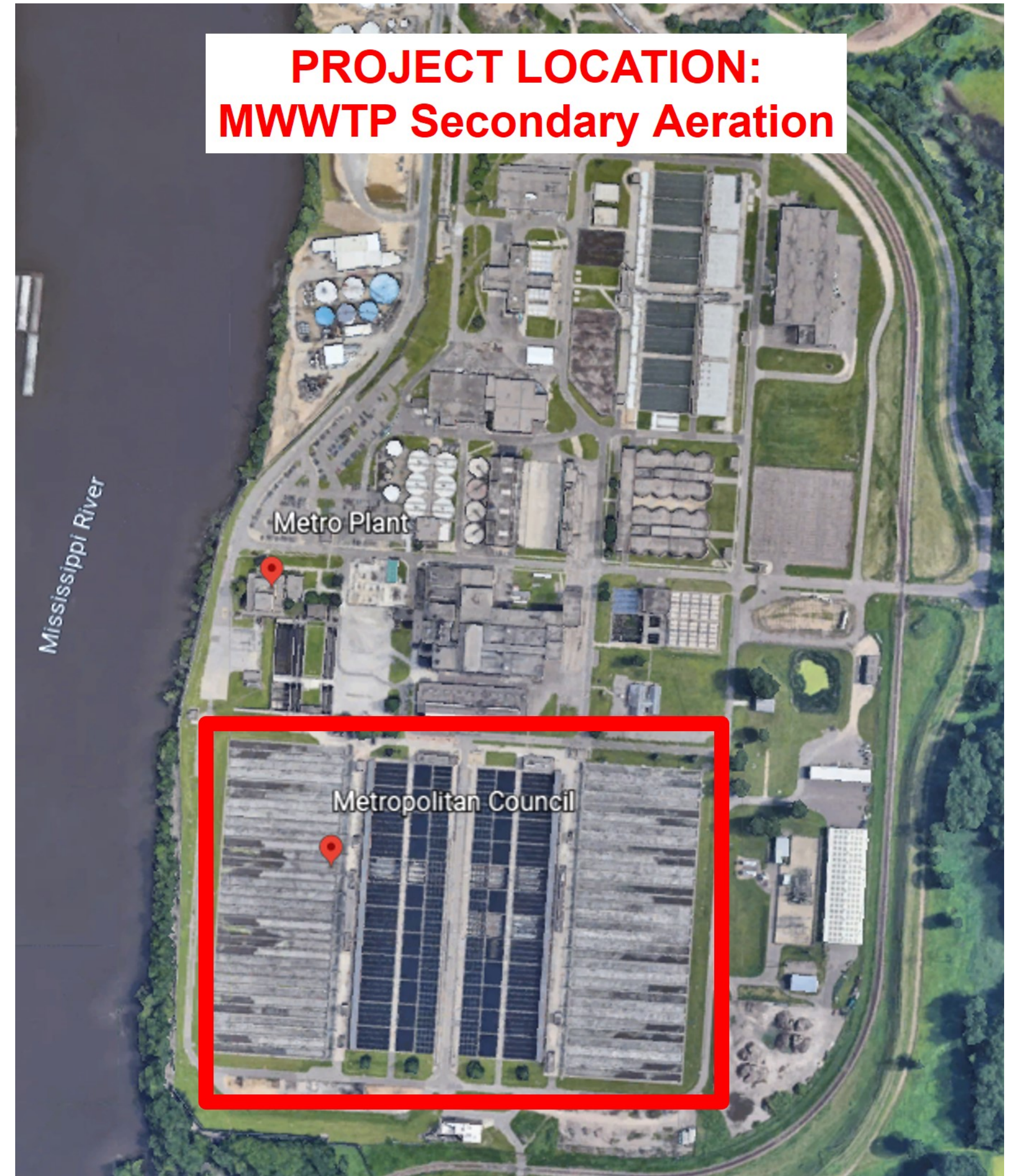
Environment Committee: December 8, 2020





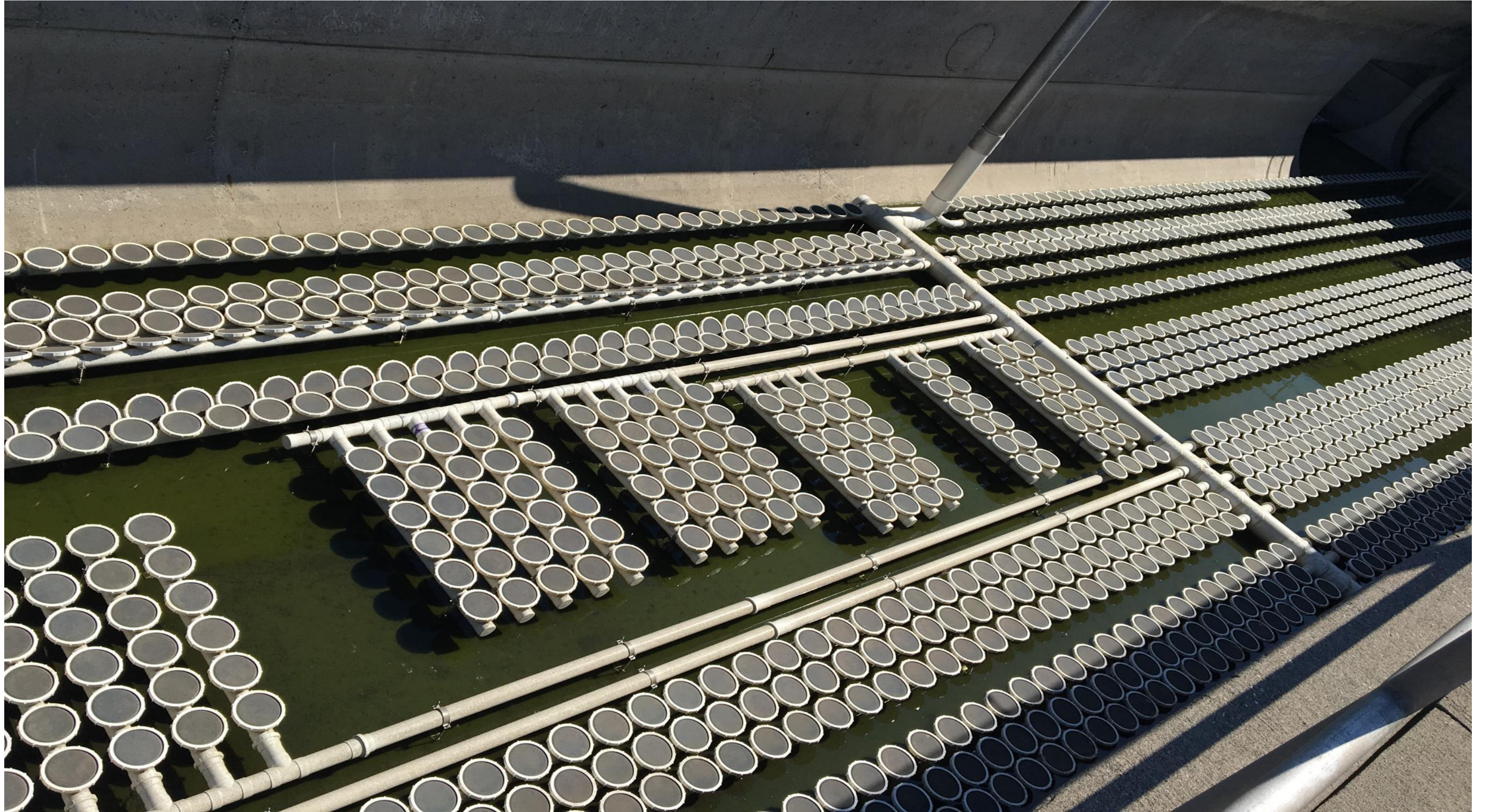
# Project Scope

- Aeration Tank Diffuser Replacement
- Aeration Control Upgrades
- Underdrain and Meter Pit Rehabilitation
- Final Settling Tank Backfill Gate Installation
- Air Header Leak Repair Assembly





# Aeration Tank Diffuser Replacement





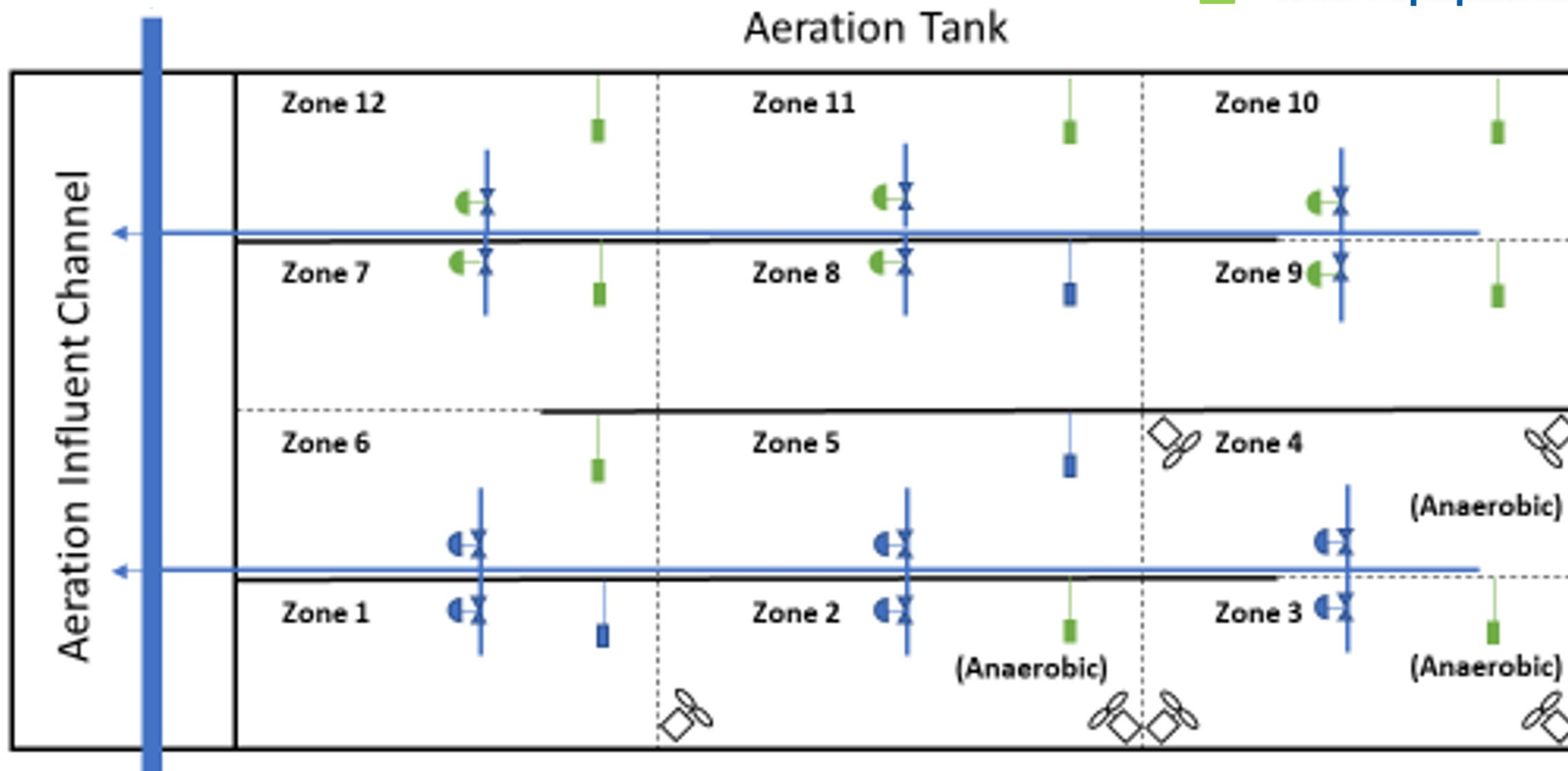
# Aeration Control Upgrades

✕ = Manual Valve

◐✕ = Actuated Valve

■ = Dissolved Oxygen Probe

■ = New Equipment



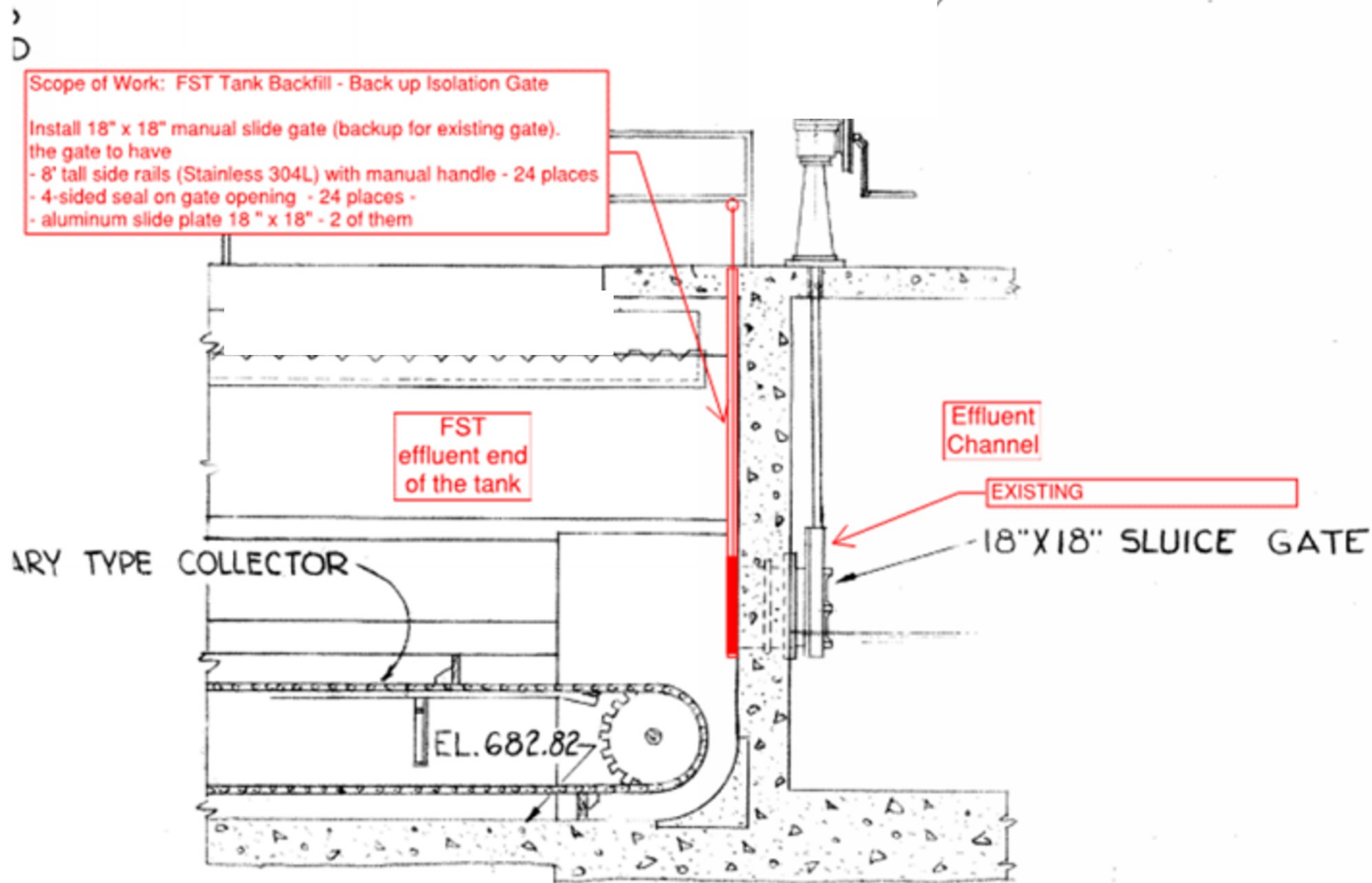


# Underdrain and Meter Pit Rehabilitation





# Final Settling Tank Backfill Gate Installation





# Air Header Leak Repair Assembly



Figure 2-22. Typical leak on Dresser Style 38 sleeve coupler

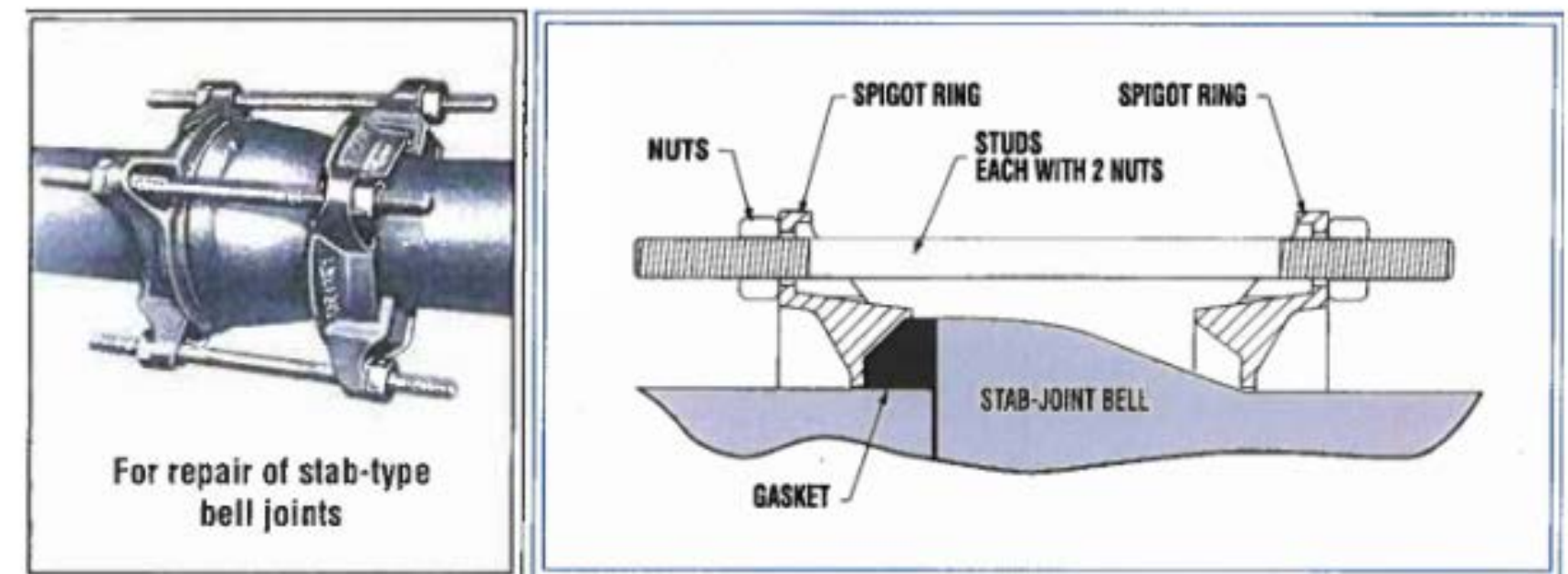


Figure 2-23. Dresser bell joint repair clamp Style 60S

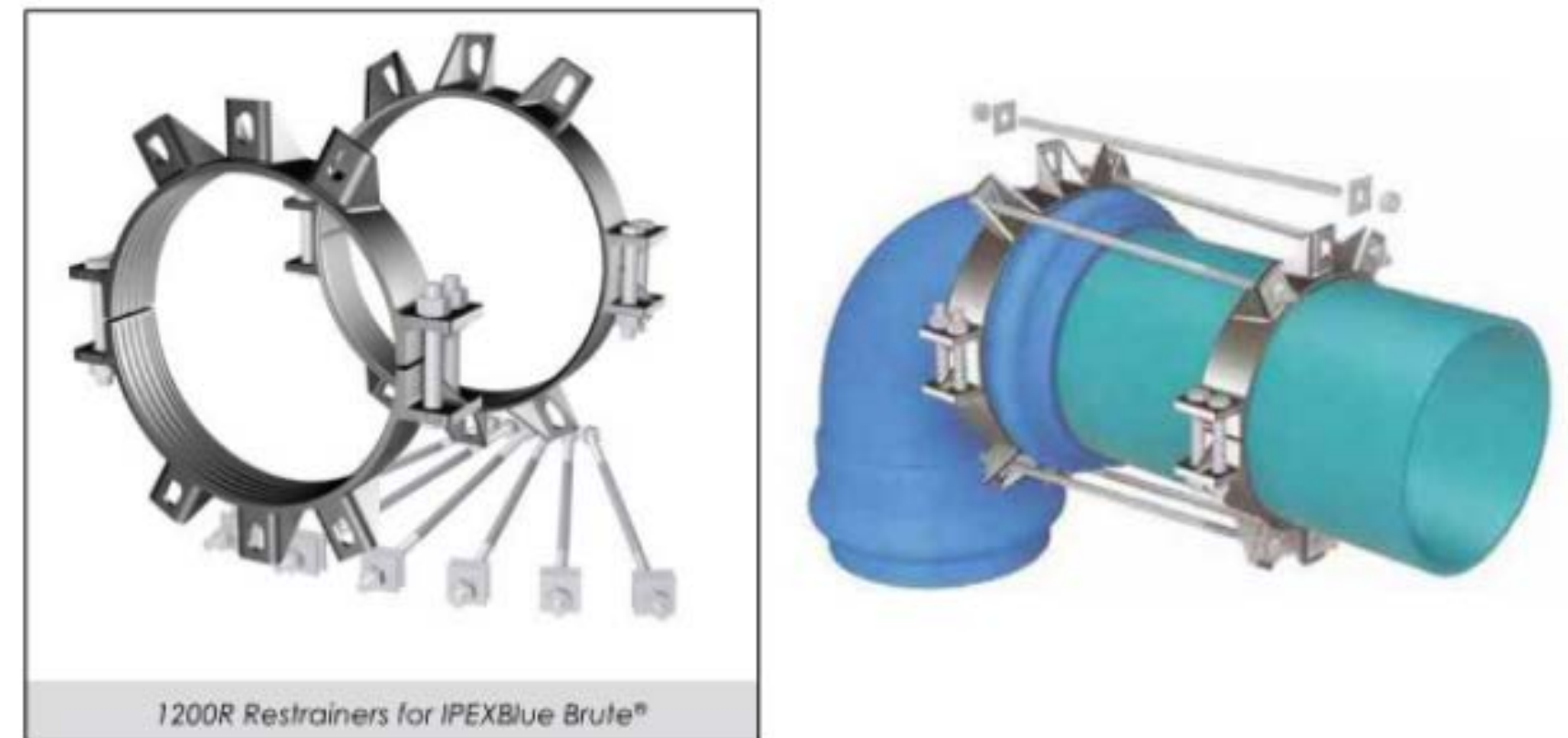


Figure 2-24. Pipe restrainer by Star Pipe Products Series 1200R

# Bid Results

- The Invitation for bid (IFB) was advertised on October 1, 2020
- Procurement facilitated a public bid opening on November 3, 2020
- One bid was received
- Shank Constructors, Inc. bid was in the amount of \$32,388,600
- The engineer's estimate was \$50,774,703
- This project is financed by a loan from the Minnesota Public Facilities Authority and has a disadvantaged business participation goal of 2%
- The Office of Equal Opportunity determined that the bid from Shank Constructors, Inc. meets the numerical goals for this contract
- Shank Constructors, Inc. bid was responsive and responsible



# Proposed Action

That the Metropolitan Council authorize its Regional Administrator to award and execute Construction Contract 20P228 for MCES Project 808930 Metropolitan Wastewater Treatment Plant Secondary Improvements with Shank Constructors, Inc. in the amount of \$32,388,600.



# Questions

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