

**Business Item 2020-335:**  
**Metropolitan Wastewater Treatment Plant  
Rehabilitation and Facility Improvements -  
Projects #805990 and 808921**

Rene Heflin, Manager, Plant Engineering,  
Wastewater Planning & Capital Project Delivery

Environment Committee: December 8, 2020



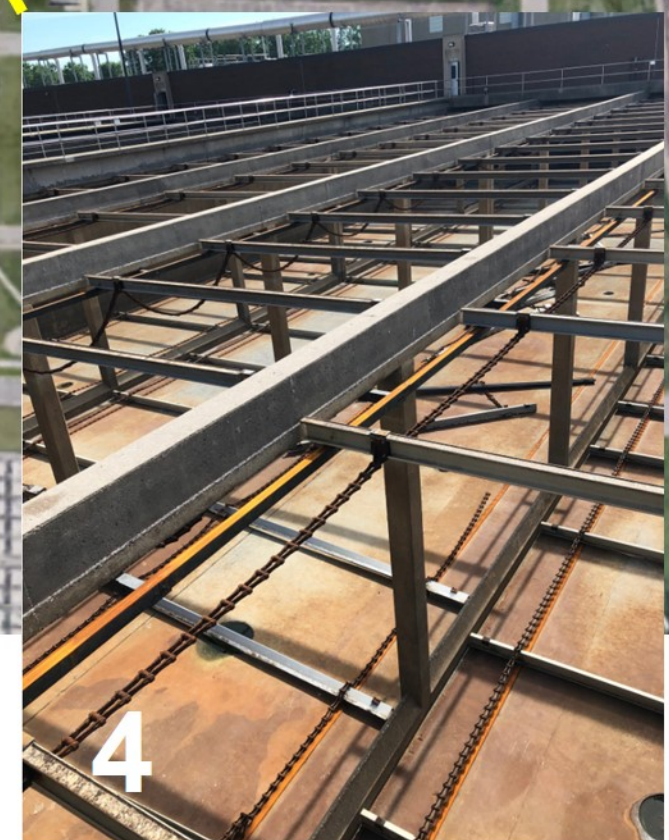
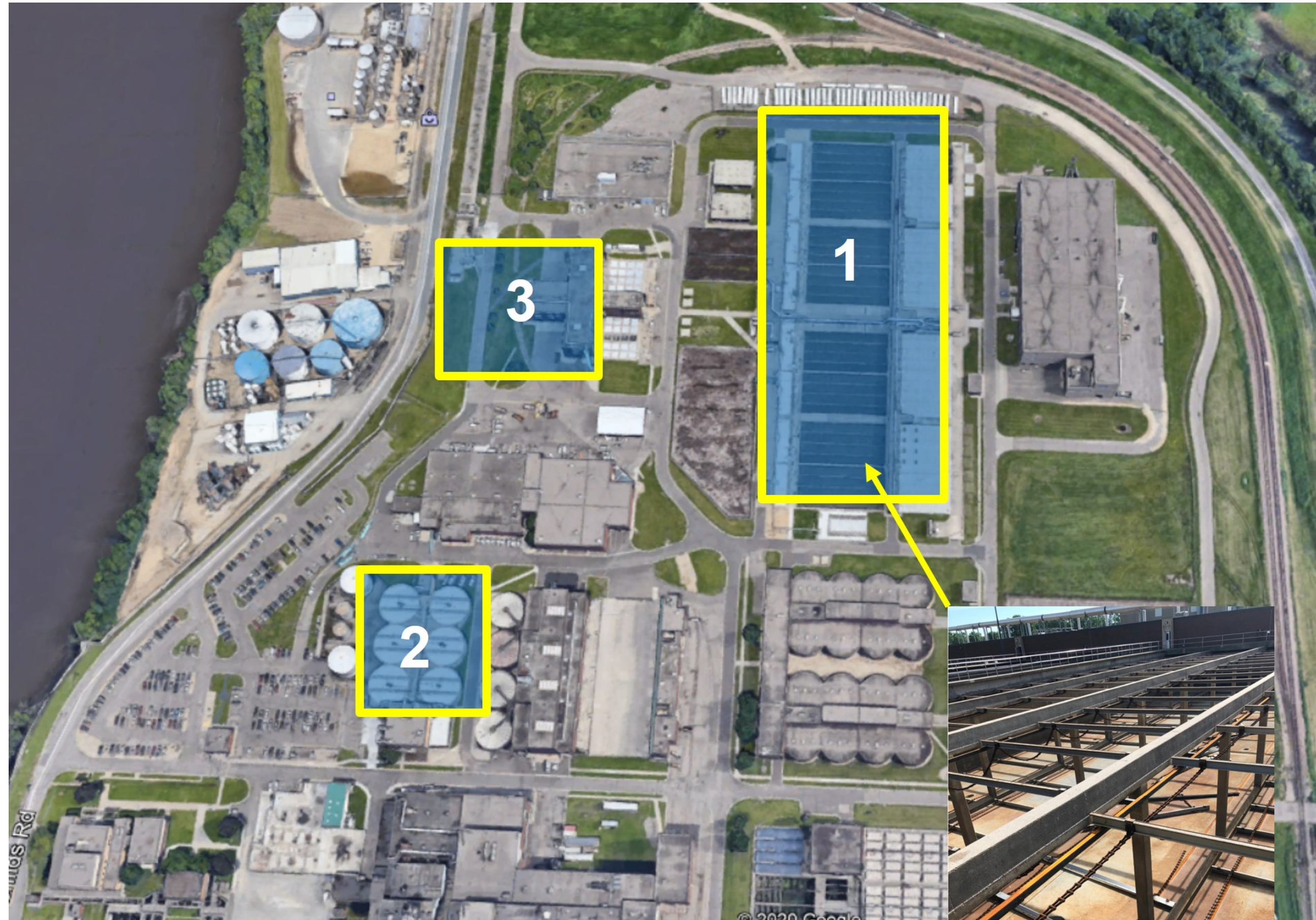
# Project Elements

## Concrete Rehabilitation:

1. 8 Primary Settling Tanks
2. 6 Gravity Thickening Tanks
3. Segment of the Influent Channel

## Primary Settling Tank Collector Replacement:

4. Replace 5 of 8 Collectors



Primary Settling Tank Collector System

# Project Elements Continued

## Solids Storage Pads Improvement:

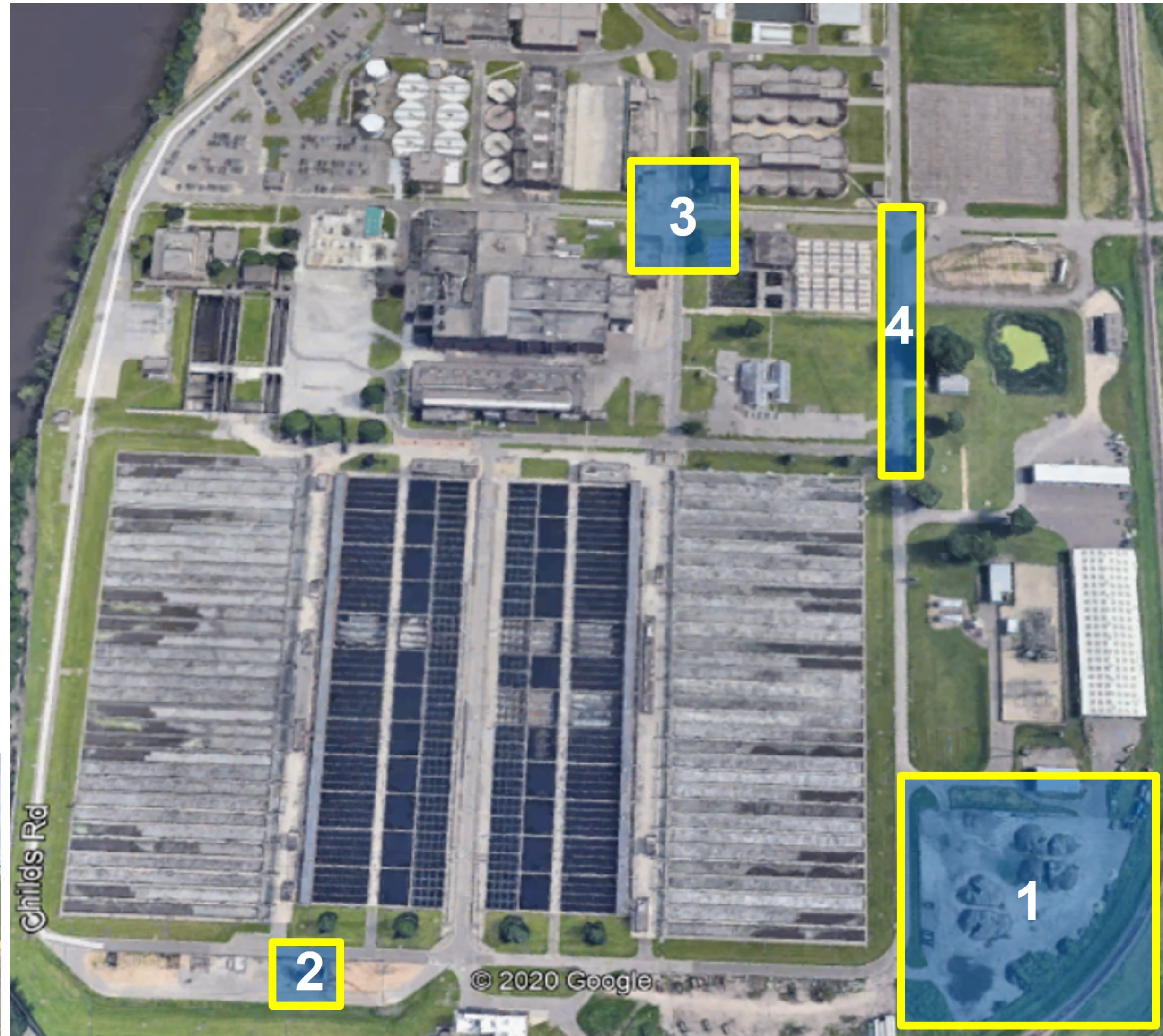
1. N-Viro Storage Pad
2. Grit Storage Pad

## Road Rehabilitation:

3. Intersection of 5<sup>th</sup> Ave and 5<sup>th</sup> Street
4. Portion of 6<sup>th</sup> Street



Current condition of 6<sup>th</sup> street



# Project Elements Continued

## Closed Loop Cooling System:

1. SMB
2. 408 Building



408 Building Compressor



SMB Compressor

# Other Miscellaneous Items

- South St. Paul Forcemain Inspection
- City Water System Improvements  
(1,309' of 8" diameter pipe)
- Headhouse Improvements
  - Hatch Replacement
  - New submersible pump for odor control
- Compressor Building Tile Replacement

# Bid Summary

- Engineer's Estimate \$13,787,882
- Two Bids Received on November 5, 2020
  - Shank Constructors, Inc.: \$13,119,800
  - Total Mechanical, Inc.: \$14,404,982
- Office of Equal Opportunity (OEO) reviewed the bids and determined that Shank Constructors bid exceeds the 8% MCUB participation goal by committing to 9.05% utilization

# Proposed Action

That the Metropolitan Council authorize the Regional Administrator to award and execute a construction contract for the Metropolitan Wastewater Treatment Plant Rehabilitation and Facility Improvements Project, MCES Project Numbers 805990 and 808921, Contract No. 20P220, with Shank Constructors, Inc., for an amount not to exceed \$13,119,800.

# Questions

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