

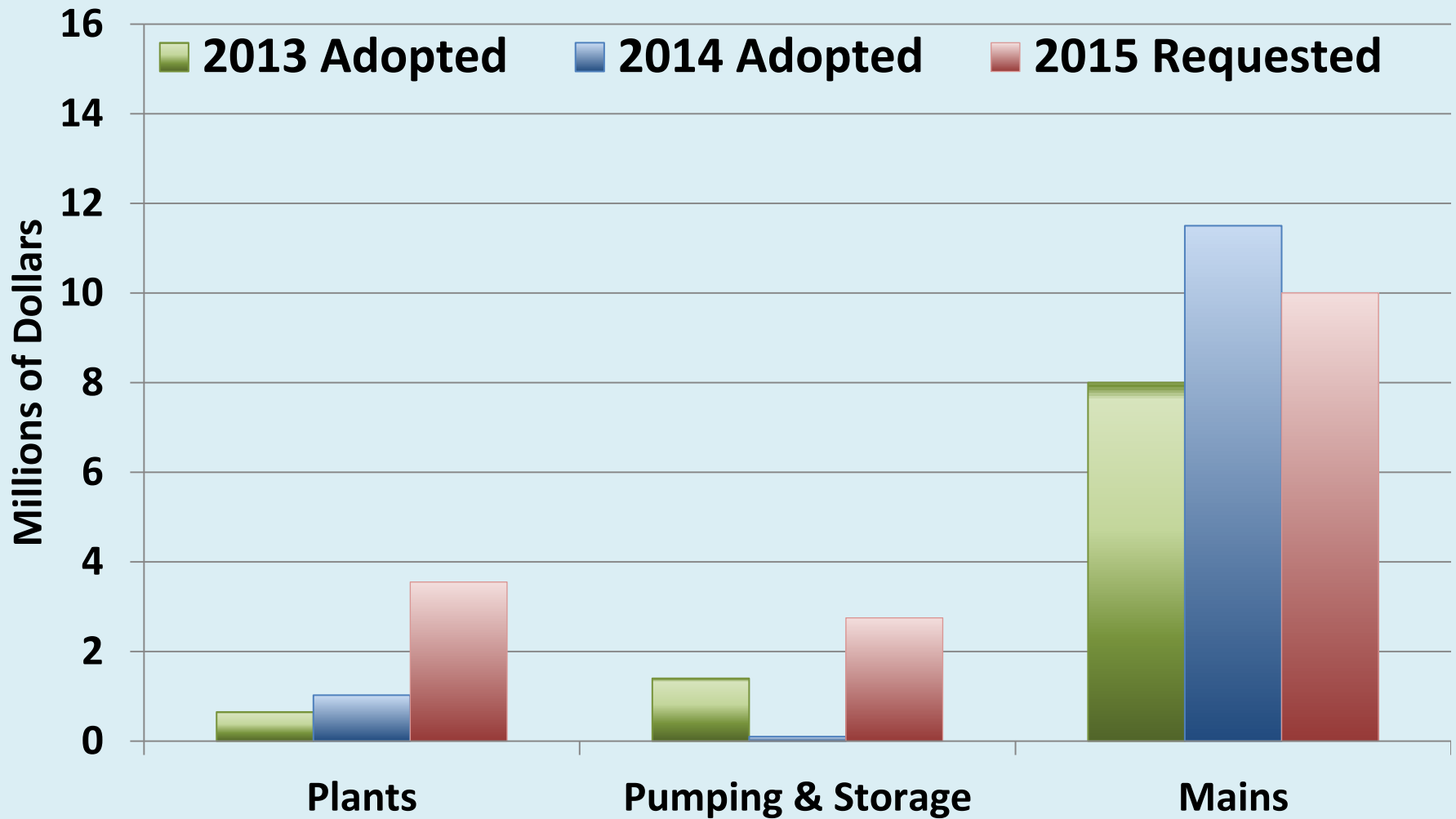


# 2015 Requested Budget for Capital Improvements Committee

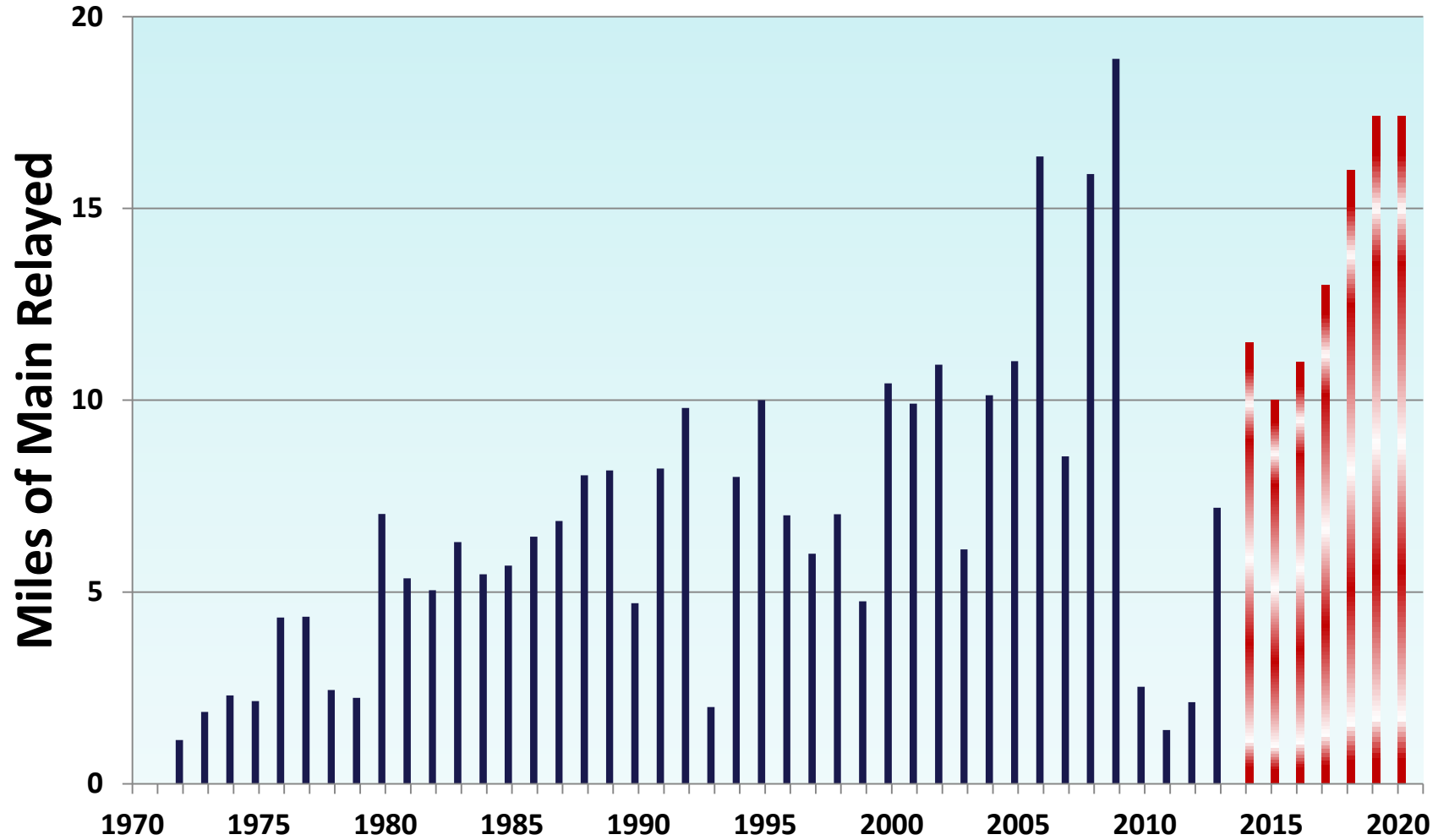
April 3, 2014

**Milwaukee**  
**Water Works**

*Safe, Abundant Drinking Water.*



# Water Main Replacements



# Non-Mains Programs

Linnwood Building

Linnwood Treatment

Howard Avenue Building

Howard Avenue Treatment

Pumping & Storage

Meter Shop



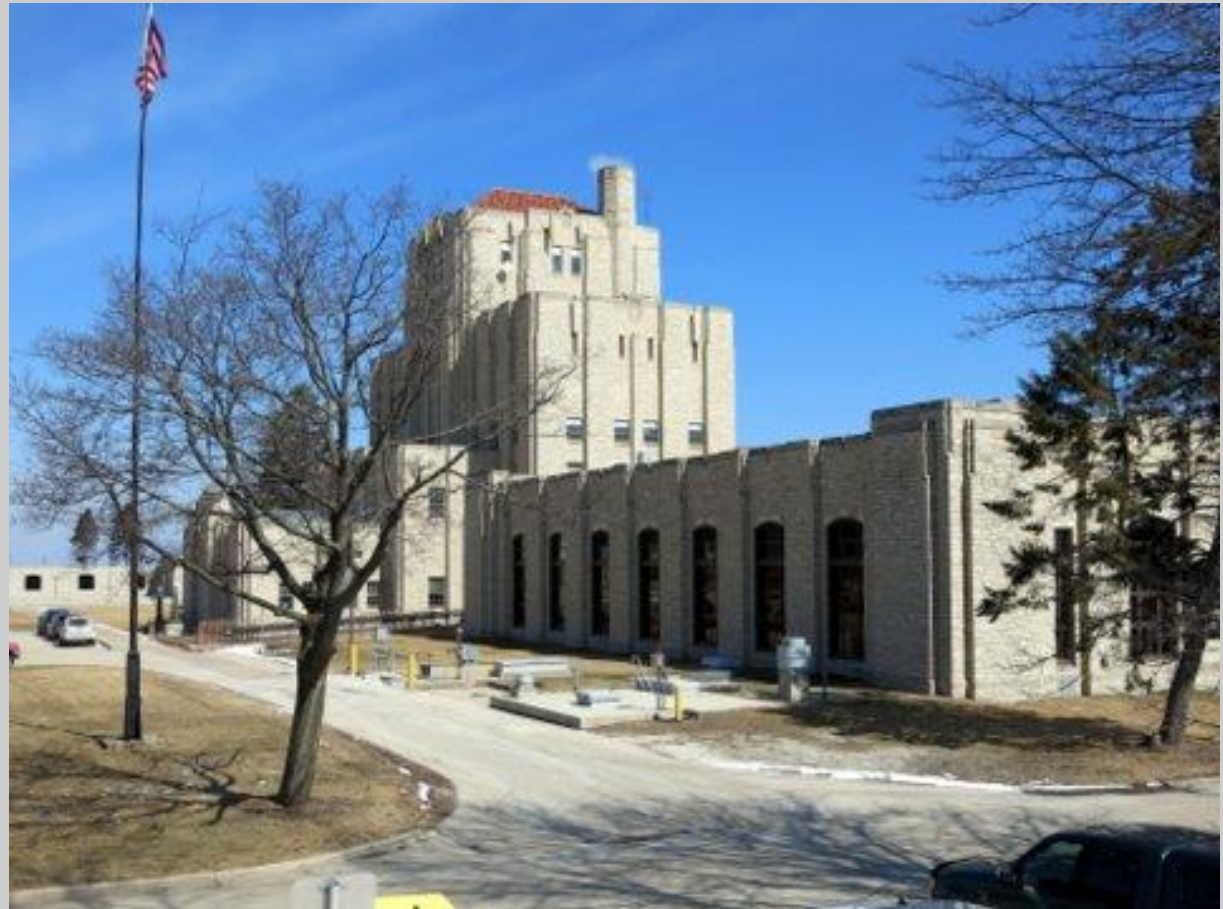
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# Linnwood Building Improvements

Replace  
maintenance  
shop roof  
\$300,000

Replace sanitary  
sewer  
\$ 300,000



Ozone Dielectrics \$175,000



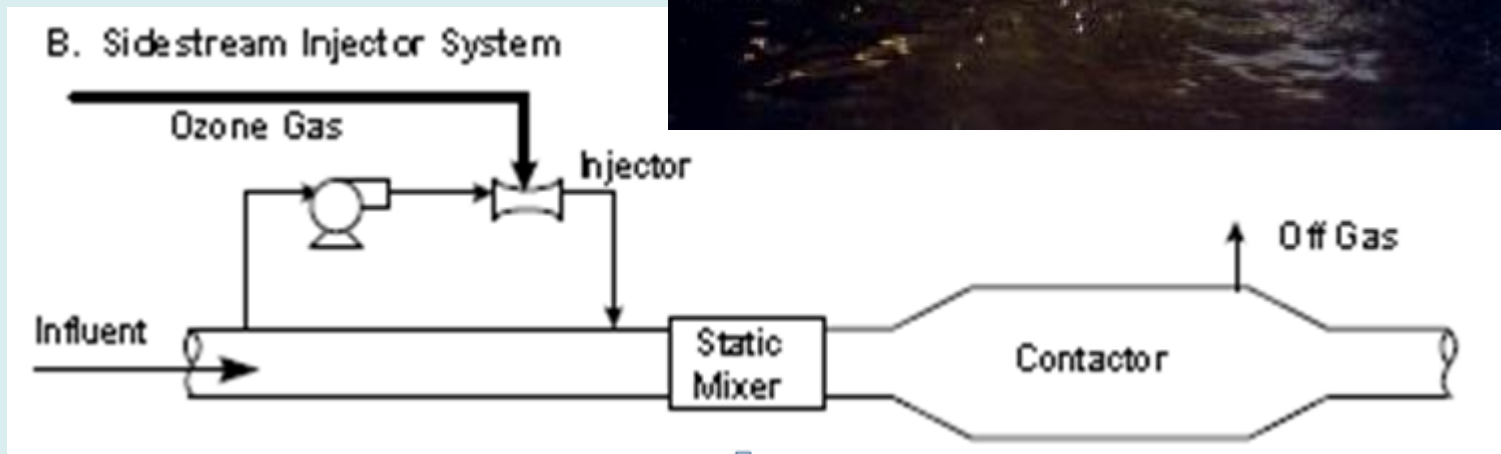
# Linnwood Treatment Improvements

- Motor control centers
  - First of four phases
    - 2015: \$ 350,000
    - Total: \$3,855,000
- Steel pipe mitigation
  - Multiple years \$500,000/year
- Flocculator bearings
  - First of four quadrants \$ 75,000 each

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**Water Works**

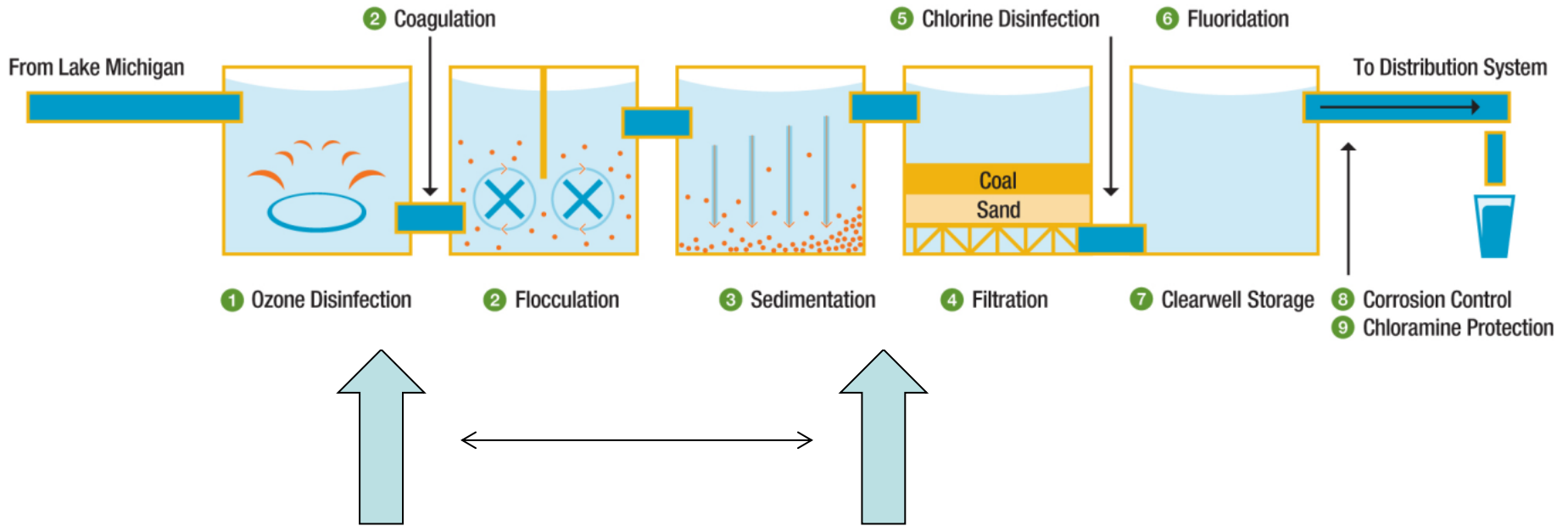
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# Ozone Addition





# Milwaukee Water Works Drinking Water Treatment Process



A photograph of a concrete drive with visible damage and a yellow bollard in the foreground. The drive is cracked and has several potholes. In the background, there are utility buildings and a parking lot with several vehicles.

# Howard Avenue Improvements

- Resurface concrete drive \$ 250,000
- Replace ozone dielectrics \$ 150,000
- Ozone sidestream injection \$ 500,000

A large, cylindrical metal water storage tank with significant rust and peeling paint. The tank is situated outdoors in a winter setting, with bare trees and a light-colored ground in the foreground. The sky is a pale blue. The tank has a ladder on the left side and a vertical pipe on the right side.

# Pumping and Storage

- **Paint Lincoln tanks**
  - \$ 2,500,000
- **Howard substation/switchgear**
  - 2015: \$ 50,000 to complete design
- **North Point Tunnel inspection**
  - \$ 200,000 for preliminary work

# Meter Shop North

The image shows the interior of a large industrial warehouse. The floor is concrete with yellow safety lines. Rows of wooden pallet racks with black metal frames are arranged in the space. In the background, there are doors, windows, and various pieces of equipment. The ceiling has exposed beams, lights, and fans.

- Interior modifications to support consolidation



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