

# Replacing Critical Infrastructure:

## A New Intake Pipeline System, Shore well, and Low Lift Pumping Station for Sheboygan

The Sheboygan Water Utility has been planning to replace critical raw water infrastructure for many years. This includes all of the systems needed to acquire water from Lake Michigan and then send it through the water treatment plant. These critical systems provide water to all citizens of Sheboygan, Sheboygan Falls, and Kohler. Preliminary engineering design work will begin in 2020. Construction work will begin as early as 2022. This will be the Utility's largest project since 1959. Funding is anticipated to come from Safe Drinking Water loans and/or revenue bonds. Ongoing water rate increases will be needed to pay for the project.

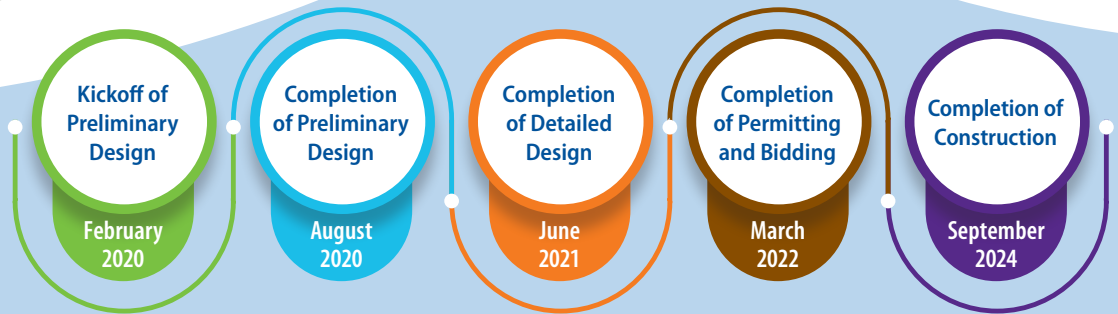
### Why now?

- **Aging Infrastructure**
  - » Existing 30-inch intake and shorewell have passed typical 100 year service life of an intake system
- **Inadequate Intake Capacity**
  - » 36-inch intake alone cannot meet maximum day demand
  - » 30-inch intake alone cannot meet average day demand
- **Intake Vulnerability to Icing**
  - » Both intakes are vulnerable to winter icing and runoff
- **Low Lift Pump Station at Risk of Flooding**
  - » Motors are below historical high Lake Michigan Level
  - » WDNR identified this as a non-conforming deficiency





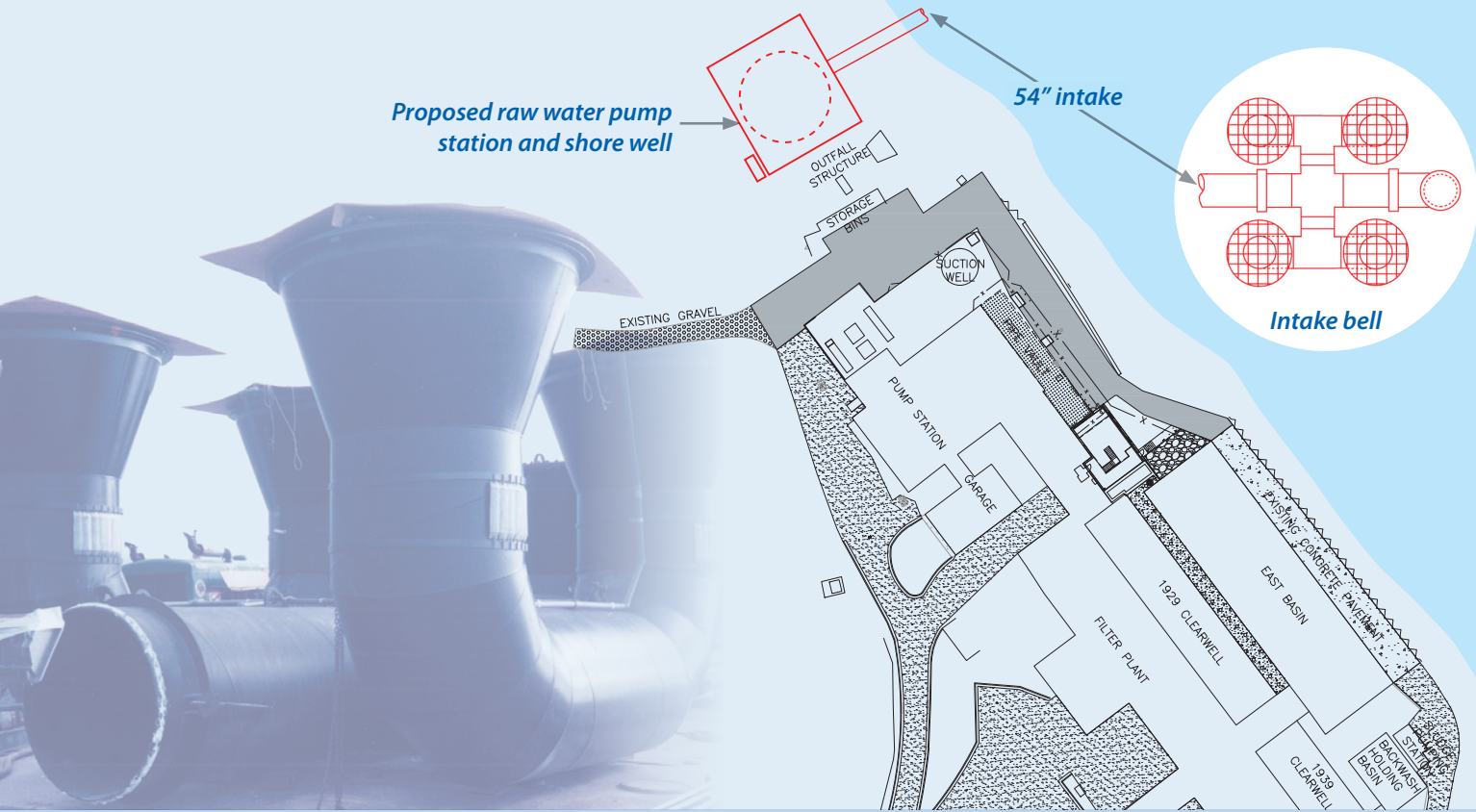
## Project Schedule



*Proposed raw water pump station and shore well*

*54" intake*

*Intake bell*



Regulated by the WI Public Service Commission and WI Department of Natural Resources, the Sheboygan Water Utility is dedicated to providing the safest possible water to our customers at the most economical price. The Water Utility receives no tax monies but operates entirely on its water revenues.

## Project Partners



**US Army Corps  
of Engineers.**



## For More Information

For updated project info, please see  
[Sheboyganwater.org/intakeproject/updates](https://sheboyganwater.org/intakeproject/updates)

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