The Water Utility has planned and budgeted for several water main projects for the 2026 construction season:

Project: **Julson Ct.- Wildwood Drive to the east**

Length: ~600'

Water main size: 12"

Estimated Cost: $200,000

Description: This project will eliminate existing water main dead ends located behind the former Nemschoff factory and along Wildwood Drive. Removing these dead ends will improve system looping and increase available fire flow capacity for commercial properties on Wildwood Drive, including the Blue Line Ice Center. Blue Line is planning facility upgrades and will require additional fire flow to meet current code requirements. The proposed water main will be upsized to 12 inches, connecting the existing 6-inch main in Wildwood Drive to the 10-inch main behind the former Nemschoff factory. When the water main in Wildwood Drive is replaced in the future, it is planned to be upgraded to 12 inches to further enhance service and fire protection for this commercial area.

Project: **North 7th Street: Bell Avenue to North Avenue**

Length: ~400'

Water main size: 8"

Estimated Cost: $200,000

Description: This project will eliminate a non-conventional water main configuration on S. 7th Street. In the 1950s, the easterly portion of the water main within this block was abandoned, and a smaller copper service line was installed to serve homes on the east end of the block. With the construction of the Malibu Apartments, new parking and sidewalk configurations will be constructed. This project will replace the non-conventional water main configuration prior to surface restoration and relocate the hydrant to the end of the water main dead-end. An 8-inch main was selected, as this is a one-block residential dead-end. Water service for the Malibu Apartments will be provided from the existing 14-inch main in S. 7th Street.

Project: **Sheboygan River Crossing near Garton Toy Site**

Length: ~900'

Water main size: 12"

Estimated Cost: $1,200,000

Description: This project was designed to provide an additional Sheboygan River crossing and to improve north–south water transmission within the city. The Engineering Department evaluated several potential crossing locations. This location was selected because it includes City right-of-way on one side of the river, requires the acquisition of only one easement, and does not restrict future development on the west side of the river. In addition, larger-diameter water mains are available for connection on both sides of the river.

AECOM was retained to complete the project design. The design objective was to install the largest feasible water main within the project constraints while maintaining a reasonable budget. During design, AECOM determined that a 12-inch main was the largest diameter that could be constructed between the two bore pit locations due to bend radius limitations. A 12-inch pipe is also economical to install and was therefore selected as the project pipe size.