

Maintenance Report for November 8th, 2022 City of Baltic Council Meeting

1. Lift Station Dialer
 - a. DSG ordered new Sensaphone Sentinel Dialers for two lift stations. They are being programmed and hopefully be installed in the coming weeks.
2. Street Safety Summary
 - a. School crossing signs have been installed at 4th St, Douglas Dr and 5th St along Lovely Ave
3. Street Repair
 - a. Homeowner in Bonnies Circle tried to repair street from previous water leak. Repair is not up to City's Specifications and will need to be repaired in Spring/Summer 2023.
4. Flags for Avenue of Flags
 - a. Flag have been ordered
5. Murphy's Pond
 - a. Power for the gazebo is an extension of the power for the flag poles. We are unable to get more power to the gazebo at this time. If we would like to add more power we would have to add a service there and bore power underneath 4th St.
6. Water

Below will be a list of proposed upgrades to the water infrastructure for the City with an opinion of probable cost.

 - a. Alternative 1 – replace water main on Oak and 2nd Street
 - i. \$863,950.00
 - b. Alternative 3 – Looping of water main from 6th to 7th on Lovely Ave (Phillips Crossing) and from 4th to 5th South of school (Grant Park)
 - i. 1,046,500.00

The City applied for a drinking water grant/loan to do Alternatives 1 & 3. We received a grant of \$622,332 and a loan for \$1,206,339 @2.125% for 30 years. This would increase the water rate to \$50.00 for 5000 gallons of water from the \$41.55 we are paying now. This equates to a \$8.45 increase for 5000 gallons.

At this point we need to start designing the project so we can go out for bids to complete the projects as listed above.

- c. 20-year Water Usage Projection
 - i. MCWC has inquired about future water demand for the City. They are looking to upgrade their facilities and are going to build a new water treatment plant in partnership with Big Sioux Rural Water. Banner completed a water usage analysis. Right now the City is allocated 216,000 gallons a day from MCWC and the 20 year projection increases the water usage to a peak day of 524,400 gallons. We need to request a new allocation amount from MCWC for this future usage. With this request the City will be asked to help with the funding of building this new treatment plant. Also the City will start having to pay more for water to help with the increased costs to produce drinking water.

7. Sewer

Below will be a list of proposed upgrades to the wastewater infrastructure for the City with an opinion of probable costs.

- a. Alternative 1 – Replace sanitary sewer on Oak, Ash and 2nd Street
 - i. \$765,050
- b. Alternative 3 – Sanitary Sewer on 4th St
 - i. \$173,900
- c. Alternative 4 – Replace main lift station
 - i. \$916,500

The City applied for a clean water grant/loan to do Alternatives 1, 3 & 4. We received a grant of \$605,832 and a loan for \$1,167,839 @ 2.125% for 30 years. This would increase the sewer rate to \$52.85 for 5000 gallons of water from the \$44.70 we are paying now. This equates to a \$8.15 increase for 5000 gallons.

At this point we need to start designing the project so we can go out for bids to complete the projects as listed above.