

COUNCIL ACTION FORM

SUBJECT: 2019/20 CLEAR WATER DIVERSION

BACKGROUND:

Clear water from footing drains causes overloading and backups in the sanitary sewer as well as increases in the volume of clean water that is treated at the sewage treatment facility. The Clear Water Diversion program involves diverting footing drain discharge from sanitary sewers to storm sewers. This diversion results in lower volumes of clean water needing treatment at the sewage treatment facility, thereby decreasing operating and maintenance costs of that facility. In addition, the program addresses locations where sump pump water discharges directly over the back of curb since no storm sewer exists in the area, which can cause ice build-up in the curb and gutter. The 2019/20 program addresses these types of situations.

The locations for the 2019/20 Clear Water Diversion Program include: Grand Ave (1004 and 1010), 11th St (622 11th St. to Wilson Ave), Burnett Ave (14th St to 15th St), Kellogg Ave (12th St to 13th St), and Johnson St (1132 to 1126).

On July 22, 2020, bids for the project was received as follows:

Bidder	Bid
Engineer's Estimate	\$145,000
Keller Excavating	\$102,240
Synergy Contracting	\$136,336
Ames Trenching	\$125,264

Revenue and expenses associated with this program are estimated as follows:

Funding Source	Available Revenue	Estimated Expenses
2018/19 Clear Water Diversion program	\$ 24,000	
2019/20 Clear Water Diversion Program	\$100,000	
2020/21 Clear Water Diversion Program	\$ 50,000	
Construction (Low Bid-Keller Excavating)		\$102,240
Engineering and Administration		\$21,750
	\$174,000	\$123,990

City staff have completed plans and specifications for this project. With the low bid of \$102,240 and engineering/administration estimated in an amount of \$21,750, **total expenses are estimated at \$123,990.** The Capital Improvement Plan shows the 2019/20 Clear Water Diversion program with \$100,000 in Sewer Utility Fund and the 2020/21 Clear Water Diversion Program with \$50,000 in Sewer Utility Fund. A carry over of \$24,000 from the 2018/19 Clear Water Diversion **brings the total funding to \$174,000.**

ALTERNATIVES:

1. a. Accept the report of bid for the 2019/20 Clear Water Diversion Program.
 - b. Approve final plans and specifications for this project.
 - c. Award the 2019/20 Clear Water Diversion Program project to Keller Excavating of Boone, Iowa, in the amount of \$102,240.
2. Do not proceed with this project.

MANAGER'S RECOMMENDED ACTION:

This project result in reduced sump pump discharges into the curb and gutter that can cause ice build-up, and thus improving traffic safety. **Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, as noted above.**