

Report to Council of Non-Bid Public Works Construction Project Completed Using City Staff

Project: Edgartown Ct Flood Repairs

Date: 6/18/2020

Agency: Engineering

Final Cost: \$53,669.26

Background

The extreme floods in 2018 had flooded several houses along the Greentree landfill channel. Engineering was in the process of designing for a major flood mitigation project when the properties flooded again. This was the 3rd time in 2 years. The large flood mitigation improvements would not be completed for several more months. With the likelihood of continued flooding, and the economic impacts that the repeated flooding caused the property owners, Engineering construction staff installed a retaining wall to act as a flood wall to protect the most vulnerable properties until such time as the major flood mitigation project could be complete.

This report is intended to inform the Mayor and Common Council and to satisfy the requirements of Wisconsin Statute 62.15(14).

Scope of Work

Construction of modular block retaining walls for flood protection on private property.s

Recycling and Waste Disposal

None. All materials were brought to the site.

Cost Detail

Final project cost was \$53,669.26. Line items costs are provided below.

ITEM	COST
Wages and Benefits	\$ 39,193.58
Equipment	\$ 9,738.97
Materials and Supplies	\$ 4,736.71
Other:	
TOTAL	\$ 53,669.26

Conclusion

The average cost of installing gravity brick wall is approximately \$75 per square feet. With the project, approximately 840 square feet of wall was installed (172 square feet at 9/11 Edgartown Court and 886 square feet at 10/12 Edgartown Court). Based on these estimates, the contract price would have been \$63,000 and the actual cost was \$53,669.26. City Engineering was able to complete the project while keeping costs lower than average cost.