



MEMORANDUM

TO: Mayor and Members of the City Council
FROM: Rich Olson, City Manager
Amanda C. Boone, Director of Public Utilities
DATE: February 8, 2019
REF: Consideration – Sheep Harney Drainage Project

BACKGROUND:

The Factory Street area has experienced flooding during minor rain events. City staff has investigated the flooding issue and discovered a collapse in the storm drain system located behind Sheep Harney School. It was determined that the storm drainpipe was corroded, which caused the collapse. City staff installed wash stone around the perimeter of the sink hole to elevate the erosion. As time progressed, the culvert sinkhole began to expand, which in turn created a safety hazard for the Police Athletic League (PAL) and their attendees. As a precautionary measure, safety cones were placed around the area, which was also cordoned off to eliminate potential incidents.

ANALYSIS:

To address this issue, City staff solicited quotes from three different contactors: Stevenson Sand (\$57,977.47), Whitehurst Sand (\$80,598.09), and Eastern Construction (\$89,600.00). Attached is the quote from Stevenson Sand to complete the task.

In the Powell Bill budget for FY 2017-2018, there is a current remaining balance in Contracted Services of \$33,747. The remaining \$24,230 will be funded from Stormwater Contingency.

FINANCIAL:

The Finance Committee discussed this matter during their February 7, 2019 meeting. Upon motion made by Councilwoman Young, seconded by Councilwoman Hummer, the Committee unanimously recommended approval by the City Council.

STAFF RECOMMENDATION:

By motion, authorize the City Manager to enter into an agreement with Stevenson Sand to replace and repair the storm drain culvert.

STEVENSON SAND

SAND • TOPSOIL • ROCK

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SEPTIC SYSTEMS • LOT CLEARING



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License # 65348:

November 30, 2018

To: The City of Elizabeth City, Public Utilities
Re: Sheep Harney Storm Drain Pipe Replacement Project

Scope of Work Quoted:

Labor and Materials to complete the following-

Remove and Replace 470 lf of existing 48" CMP with new 48" HDPE to be wrapped with 36" wide non-woven fabric.

Install new precast concrete drainage structure on the north end of pipe run near the existing chain link fence. Pre-cast structure to be 3' x 6', depth as required. Structure shall have 2x3 frame and grate.

Pipe shall be backfilled with existing material.

Backfill material shall be graded and leveled.

TOTAL QUOTE

\$57977.47*

***Landscaping and seeding not included.**

Alternates:

Backfill \$10.00 per cy

Dewatering \$75.00 per hour