



1459 Washington St.
Muscatine, IA 52761-5040
(563) 263-8933
Fax (563) 263-2127

Public Works

City Transit
263-8152

MEMORANDUM

Equipment Maintenance
Roadway Maintenance
Collection & Drainage
Building & Grounds
Engineering

To: Randy Hill, Public Works Director

FROM: Jon Lutz, City Engineer

DATE: August 19, 2014

RE: Air Release Valve Replacement Phase 2 – Accept completed work

INTRODUCTION:

This project included removal and replacement of deteriorated manhole structures and air release valve components at 6 locations on the south end sanitary sewer force mains. Excessive amounts of gas generated in the lines have discharged at the treatment plant causing dangerous and undesirable conditions. This contract is phase 2 of 3 phases necessary to correct the problems. Plans and specifications for the project were prepared by the City engineer. The City of Muscatine entered into an agreement with Hagerty Earthworks, LLC on February 06, 2014 in the amount of \$83,900.00 for manhole and valve replacement work. All work has been completed and the project is ready to close out.

BACKGROUND:

This sewer project was undertaken to provide the following:

1. Repair nonfunctioning valves on the south end force mains.
2. Eliminate excessive gas venting at the wastewater treatment plant.
3. Provide non-corrosive the valve components to extend life of the system.

One change order in the amount of \$4,734.04 was necessary. Bid item #9 was not required after the contractor was able to successfully free an inoperable 14" plug valve thus saving \$3900.00. The final contract amount is \$84,737.04. The contractor has not submitted for partial payment on this contract due to the short construction duration. The city inspector Steve Dalbey, Collection and Drainage crews, and the City Engineer have examined the work and verified all punch list items have been corrected.

RECOMMENDATION/RATIONALE:

It is the City Engineer's recommendation to accept the completed improvements and issue final payment of \$80,500.19 with payment of 5% retainage in the amount of \$4,236.85 after 30 days.

BACKUP INFORMATION:

1. Pay Application 1

RESOLUTION NO. _____

**RESOLUTION ACCEPTING COMPLETED WORK PERFORMED UNDER
AIR RELEASE VALVE REPLACEMENT PHASE 2 PROJECT
AND AUTHORIZING FINAL PAYMENT**

WHEREAS, the City of Muscatine approved the Plans, Specifications, and Form of Contract for the Air Release Valve Replacement Phase 2 Project; and

WHEREAS, the City of Muscatine entered into a contract for said project with Hagerty Earthworks, LLC for \$83,900.00 with one change order in the amount of \$4,734.04; and one deleted item in the amount of \$3,900.00 increasing the total amount by \$837.04 to \$84,737.04.

WHEREAS, all work under the contract has been completed by Hagerty Earthworks, LLC and approved and accepted by the City Engineer and appears to meet the requirements of the Plans and Specifications heretofore adopted by this Council, as evidenced by the Project Engineer's Certificate; and

WHEREAS, the amount of \$-0- has been previously paid to Hagerty Earthworks, LLC and a balance of \$84,737.04 including 5% retainage remains due and payable;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF MUSCATINE, that the City of Muscatine make immediate payment of \$80,500.19 to Hagerty Earthworks, LLC for completed and accepted work under the Air Release Valve Replacement Phase 2 Project and thereafter make an additional payment of \$4,236.85 which represents 5% retainage thirty (30) days from the date of this acceptance.

PASSED, APPROVED, ADOPTED THIS 21st DAY OF AUGUST, 2014.

CITY COUNCIL OF THE CITY OF MUSCATINE, IOWA

BY: _____
DeWayne M. Hopkins, Mayor

ATTEST:

Gregg Mandsager, City Administrator