



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: Gregg Mandsager, City Administrator

CC: Fran Donelson, Secretary

FROM: Randy Hill, Public Works Director

DATE: March 15, 2012

RE: Resolution Approving Plans, Specifications, Form of Contract, Cost Estimate and Setting Date for Receipt of Bids for the West Hill Sewer Project – Phase I

**INTRODUCTION:**

The City of Muscatine is under a Federal EPA Consent Order to separate all storm and sanitary sewers by 2024.

**BACKGROUND:**

For the past 20 years the City has been methodically separating the storm and sanitary sewers in the community. This work has been accomplished using the One Cent Local Option Tax. All of the City's permitted Combined Sewer Overflows (CSO's) have been eliminated with the exception of the Papoose Creek Pump Station. In order to complete the process, a very large and significant separation project of the city's West Hill area must now be undertaken.

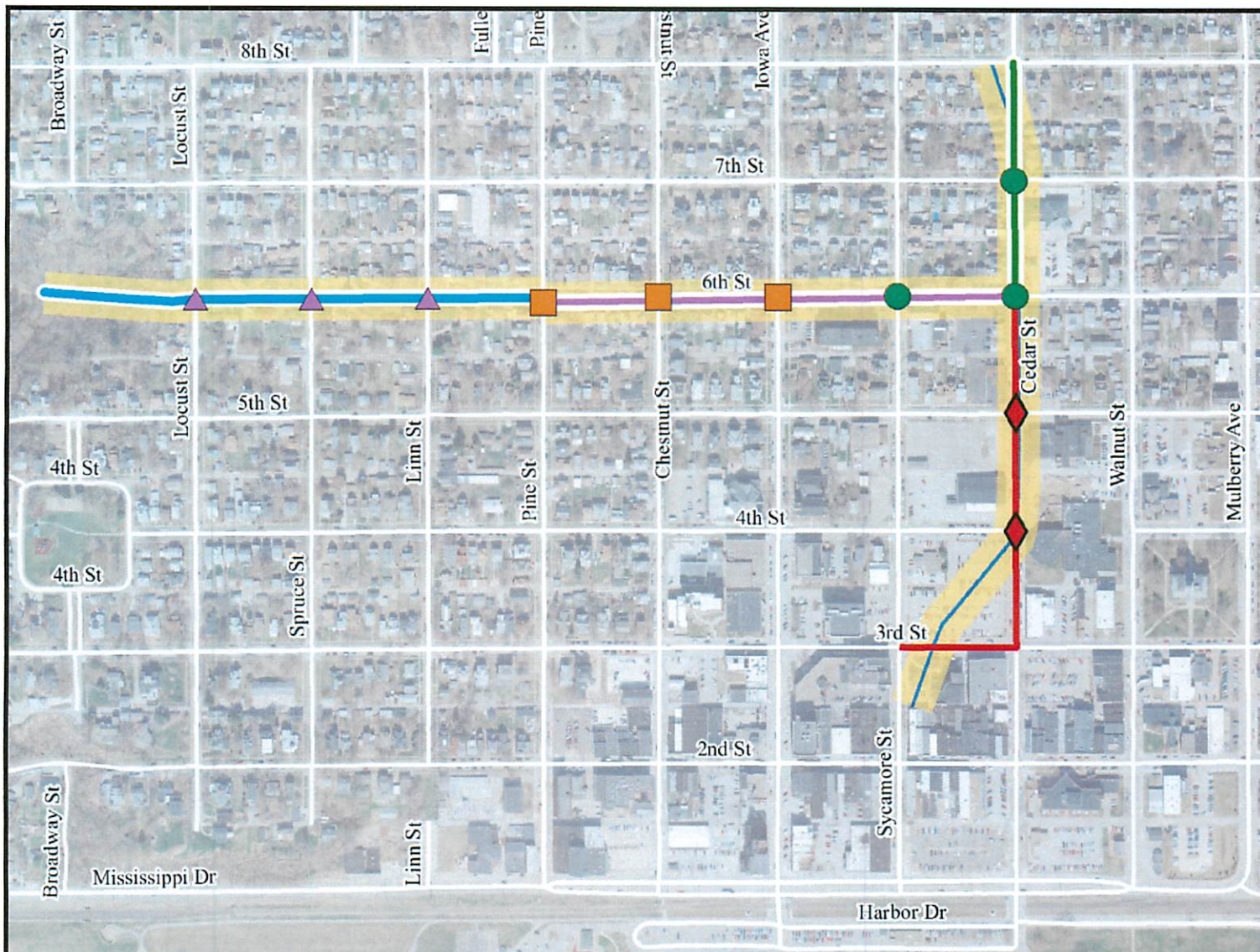
**RECOMMENDATION/RATIONALE:**

Stanley Consultants Inc. has been retained to provide the designs and cost estimates for the West Hill Area Sanitary and Storm Sewer Separation. The overall project will be approached in phases. Phase I is intended to begin in the Spring of 2012. An attached memo from Mike Knott, SCI Principal Scientist and Project Manager, explains the scope of work involved in Phase I. It is staff's recommendation City Council adopt the resolution approving the plans, specifications, form of contract, cost estimate and setting the date for receipt of bids for the West Hill Sewer Separation --- Phase I project. The deadline for submitting bids is April 13, 2012.

**BACKUP INFORMATION:**

1. Map showing street and intersection closures
2. General Summary of Bid Package
3. Resolution and Notice to Bidders





## West Hill Area Sewer Separation Project Street and Intersection Closures

-  West Hill Sewer Separation Phase One Project Location
-  Street Closed, Projected to Reopen on June 24, 2012
-  Intersection Closed, Projected to Reopen on June 24, 2012
-  Future Street Closure, July of 2012 through September of 2012
-  Future Intersection Closure, July of 2012 through September of 2012
-  Future Street Closure, August of 2012 through October of 2012
-  Future Intersection Closure, August of 2012 through October of 2012
-  Future Street Closure, October of 2012 through March of 2013
-  Future Intersection Closure, October of 2012 through March of 2013

**ALL PROJECTED OPENINGS AND CLOSURES ARE BASED ON THE BEST INFORMATION CURRENTLY AVAILABLE AND ARE SUBJECT TO CHANGE.**

0 500 1,000 2,000 Feet



Date Sources: Muscatine Area Geographic Information Consortium & City of Muscatine  
Prepared by: Andrew Fangman  
Date: March 13, 2012

The project includes both a “Base Bid” and an “Alternate Bid”. General summary of the bid packages is:

The Base Bid comprises the general construction of approximately 5,800’ of new 8”, 10”, and 24” sanitary sewer on Sycamore Street, Cedar Street, 6<sup>th</sup> Street, Iowa Avenue and Linn Street; and approximately 360’ of new 18” storm sewer on Linn Street. Work includes new inlets, inlet piping, pavement replacement as needed to install sewer with full-width pavement replacement on Sycamore Street, Cedar Street, 6<sup>th</sup> Street, Iowa Avenue, and Linn Street, and clearing, stripping, grading, seeding and filling ravine at west end of 6<sup>th</sup> Street with approximately 15,500 cubic yards of fill, and other related work.

The Alternate Bid includes the general construction of approximately 2,500’ of new 8” and 10” sanitary sewer on 6<sup>th</sup> Street, Spruce Street, and Locust Street; approximately 1,400’ of new 15”, 18”, and 54” storm sewer on Linn Street, 6<sup>th</sup> Street and Locust Street. Work also includes new inlets, inlet piping, three junction structures, pavement replacement as needed to install sewer with full-width pavement replacement on 6<sup>th</sup> Street, Linn Street, Spruce Street, and Locust Street, and other related work.

# **RESOLUTION NO. \_\_\_\_\_**

## **APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT, COST ESTIMATE AND SETTING DATE FOR RECEIPT OF BIDS**

### **FOR: WEST HILL AREA SANITARY AND STORM SEWER SEPARATION - PHASE 1 PROJECT**

WHEREAS, there is on file in the Office of Public Works Department a copy of the plans, specifications, form of contract, and notice to bidders prepared by the Stanley Consultants for the proposed West Hill Area Sanitary and Storm Sewer Separation – Phase I Project; and

WHEREAS, said plans, specifications, form of contract, and cost estimate have been examined by this Council;

NOW, THEREFORE, BE IT RESOLVED BY THIS COUNCIL that:

1. All objections to the foregoing plans, specifications, form of contract, notice to bidders, and cost estimate are overruled.
2. The foregoing plans, specifications, form of contract, notice to bidders, and cost estimate are finally approved.
3. Date for Receipt of Bids will be April 13, 2012.

(NOTICE TO BIDDERS ATTACHED)

PASSED, APPROVED AND ADOPTED THIS 15<sup>th</sup> DAY OF MARCH, 2012.

CITY COUNCIL OF THE CITY OF MUSCATINE, IOWA

\_\_\_\_\_  
DeWayne M. Hopkins, Mayor

ATTEST:

\_\_\_\_\_  
Randy Hill, Acting City Administrator

(SEAL)

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DeWayne M. Hopkins, Mayor

ATTEST:

\_\_\_\_\_  
Gregg Mandsager, City Administrator

(SEAL)



## ***NOTICE TO BIDDERS***

Notice is hereby given that City of Muscatine, will receive Bids at City Clerk's Office, City Purchasing Agent, 215 Sycamore Street, Muscatine, Iowa until April 13, 2012 at 10:00 am, local time, for West Hill Area Sanitary and Storm Sewer Separation Phase 1 at which time Bids will be publicly opened and read aloud. Bids will be acted upon at the regular council meeting on April 19, 2012, or at such later time and place as may then be fixed. Regular council meetings are held on the first and third Thursdays of the month.

General summary of Work to be performed:

The Base Bid comprises the general construction of approximately 5,800' of new 8", 10", and 24" sanitary sewer on Sycamore Street, Cedar Street, 6th Street, Iowa Avenue and Linn Street; and approximately 360' of new 18" storm sewer on Linn Street. Work includes new inlets, inlet piping, pavement replacement as needed to install sewer with full-width pavement replacement on Sycamore Street, Cedar Street, 6th Street, Iowa Avenue, and Linn Street, and clearing, stripping, grading, seeding and filling ravine at west end of 6th Street with approximately 15,500 cubic yards of fill, and other related work.

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Work shall be in accordance with the Bidding Documents, including the Project Manual, and Drawings, which are on file at the office of Owner's Engineering Consultant, Stanley Consultants. A base set of Bidding Documents consisting of 1 Project Manual and 1 full-size set of Drawings may be obtained from Ms. Mandy Hoag, Stanley Consultants, Inc., Muscatine, Iowa, telephone 563-264-6657 upon deposit or payment in the amount of \$100.00. Additional Bidding Documents may be obtained at the same cost but are nonrefundable. The deposit for 1 base set will be refunded to those Bidders who return the Bidding Documents in good condition within 15 days following the Bid opening.

A prebid conference will be held at 10:00 am on March 30, 2012 at Council Chambers at Muscatine City Hall. Representatives of Owner and Owner's Engineering Consultant will be present to discuss the Project.

All Bids shall be submitted in triplicate, on forms provided with the Project Manual, to the office of City Clerk, City Purchasing Agent on or before the time specified above.

Each Bid shall be accompanied, in a separate sealed envelope, by Bid security in an amount of not less than 5% of the Bid. Bid Bonds must be executed by corporations authorized to contract as Surety in the State of Iowa and in a form described in the Contract Documents. Bid security shall be forfeited if the Bidder fails or refuses to sign and deliver a signed Agreement and furnish required contract security.

Upon notification of award, Successful Bidder shall furnish contract security in the form of performance and payment bonds described in the Contract Documents.

Performance of the Work will start within 10 calendar days after date of Notice to Proceed, and shall be completed within the time stated in the Contract Documents.

The City reserves the right to defer acceptance of any Bid for a period not to exceed 35 calendar days after the date Bids are to be received.

The City reserves the right to consider such factors as time of completion of the Work, materials and methods of construction, experience and responsibility of the Bidder, and similar factors in determining which Bid it deems to be in its best interests.

The City reserves the right to reject any or all Bids, to waive informalities or technicalities in any Bid and to accept the Bid which it deems to be in the best interest of the City.

CITY OF MUSCATINE, IOWA

By \_\_\_\_\_  
Gregg Mandsager  
City Administrator

Date \_\_\_\_\_