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Public Works

City Transit
263-8152

MEMORANDUM

Equipment Maintenance
Roadway Maintenance
Collection & Drainage
Building & Grounds
Engineering

To: Brian Stineman Public Works Director
FROM: Jim Edgmond, City Engineer
DATE: July 10, 2018
RE: West Side Trail Final Design Survey

INTRODUCTION:

The route study for the west side trail is complete and the final design has been awarded to Martin Whitacre team. The first portion of the final design is to get the route surveyed to support the final design and the National Environmental Policy Act (NEPA) environmental clearances.

BACKGROUND:

Recently the city has been able to swap federal funds for state funds and make the development of a project simpler and less expensive. Grandview reconstruction is an example of the swap program. However, the federal funds allocated for this trail project are not eligible for the swap program. Because of this NEPA compliance requirement the project will take longer to develop and getting started on this survey as quickly as possible is necessary to allow time in the schedule for the NEPA work to be done. The project is scheduled for a spring letting of the construction contract. Additional costs for this final design are still to come for the NEPA work, and for the final design.

Award of West Side Trail Final Design Survey:

The total cost of the consultant's proposal is \$47,500.00. This proposal has been reviewed by Public Works staff and the proposal does contain more property survey than a normal trail design would have due to a high number of single family home properties along the route.

RECOMMENDATION/RATIONALE:

Recommend city council approve this proposal from Martin Whitacre team in the amount of \$47,500.00 for the survey.

BACKUP INFORMATION:

1. Letter proposal from Martin Whitacre

"I remember Muscatine for its sunsets. I have never seen any on either side of the ocean that equaled them" — Mark Twain



**Martin & Whitacre
Surveyors & Engineers, Inc.**

Gary Whitacre, President
Matt Krause, Vice President
Seth Whitacre, Sec/Treasurer

7/9/2018

City of Muscatine
Public Works Department
Attn: Jim Edgmond

RE: West Side Trail – Topographic Survey

Jim,

Martin & Whitacre appreciates the opportunity to help you develop the site plan for the West Side Trail project. The first step in kicking-off this design project is to collect accurate topographic information to help delineate the amount of the impact the trail will have along Houser St. and other areas. The topographic survey limits will extend from the south property line of American Legion to the Crossroads Foundation building at 1424 Houser Street. At this time the Wolfe property behind Crossroads is going to be surveyed at the same time for a separate project.

The topographic survey will include a 50' to 60' survey corridor width of all surface features of the street corridor from the centerline of road. Along Houser hill the survey will consist of cross sections every 50 feet to capture the existing grade features beyond the mowed shoulder.

In addition to topographic survey information Martin & Whitacre will also identify apparent right-of-way.

The information gathered from the topographic survey and identifying the apparent right-of-way will allow Martin & Whitacre to design a 10' trail between the existing utilities and back of curb along Houser St.

The fee for the services described in this proposal is \$47,500. Surveying work can start within 1 week of notice to proceed.

Please contact us with any questions or comments.

RESPECTFULLY SUBMITTED,
MARTIN & WHITACRE SURVEYORS & ENGINEERS,
INC.

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