
MEMORANDUM

TO: RANDY HILL, PUBLIC WORKS DIRECTOR
FROM: JON LUTZ, CITY ENGINEER
SUBJECT: HARRISON STREET EXTENSION
DATE: FEBRUARY 13, 2012

INTRODUCTION:

Harrison Street from Park Avenue to Bandag Drive has been identified as a street infrastructure improvement. Estimated construction costs are approximately \$400,000.00 with additional costs for design, inspection, easement survey, permits and administration. The City requested and received a design proposal from Martin & Whitacre for this project in the amount of \$7000.00.

BACKGROUND:

The Harrison Street extension has merit as a worthwhile project for several reasons:

1. This roadway will provide a detour during Colorado Street construction in 2013.
2. Colorado School will be provided with legal access for student pick-up and drop off north of the school versus on Colorado.
3. Commercial infill will be promoted behind the Mall, on FBF Rentals, and on Bridgestone Bandag and other properties on Bandag Drive.

Martin & Whitacre has provided design services for the Muscatine Mall's proposed housing project and for Harrison Street acquisition plats. This firm was therefore in a position to provide the additional services at a reasonably low fee.

RECOMMENDATION/RATIONALE:

I recommend the city enter into an agreement with Martin & Whitacre to provide professional engineering design services for the Harrison Street Extension Project in the amount of \$7,000.00.

BACKUP INFORMATION:

1. Harrison Extension Concept Plan
2. Martin & Whitacre Proposal



Gary Whitacre, President
Matt Krause, Sec/Treas

January 23rd, 2012

Jon Lutz, P.E.
City Engineer
City of Muscatine

Re: Harrison Street Improvements Engineering Consultation Proposal

Dear Jon,

Based upon our phone conversations and email communications we understand the scope of work for the Harrison Street Improvements project to include:

- Grading and Paving of Harrison Street from Plaza Place to Bandag Drive
- Installation of stormwater, sanitary sewer and water mains between the Mall property and Bandag Drive
- Coordination of design with the Mall property ownership and other adjacent owners
- Milling and overlay of Harrison Street from Park Avenue to Park Place

Based upon our communications and the expected scope of improvements we propose to provide the following services:

Engineering Design:

Martin & Whitacre would use existing survey data and knowledge of proposed improvements to the Mall property to develop construction Plans for improvements to Harrison Street. All designs will be in accordance with City standards and subject to review by the City.

Deliverables:

- Construction plans addressing grading, drainage, water, stormwater and sanitary sewer in PDF format
- Construction specifications in PDF format
- SWPPP in accordance with NPDES requirements
- NPDES General Permit No. 2, Iowa DNR water and sanitary sewer permitting documents
- Estimated project quantities table

Clarifications:

- M&W will provide draft plans for City review
- The City will provide standard project specifications for editing by M&W. The City will provide all relevant contracting information

- The City will manage the public input, cost estimation, bid letting portions of the project. M&W will provide information regarding technical clarifications
- The City will conduct all bid lettings, preconstruction meetings and construction progress meetings. M&W will attend such meetings and provide technical guidance as needed.
- The City will provide construction observations and inspections. M&W will visit the site to provide plan clarifications as needed.
- The City will coordinate negotiations with utility companies regarding standard utilities (water, power, cable etc). M&W will coordinate the design of water service with Muscatine Power and Water

Martin & Whitacre offers to provide the preceding services for a fee of \$7,000

Additional Services:

- If required, Martin & Whitacre will provide construction observation, construction staking and materials testing. After completion of construction plans, proposals for additional services will be provided to the City.

We appreciate the opportunity to provide a proposal for this project. Please contact us with any questions or comments.

Respectfully submitted;

MARTIN & WHITACRE SURVEYORS & ENGINEERS, INC.



Adam Shutt, P.E., LEED AP BD+C
ashutt@martin-whitacre.com

