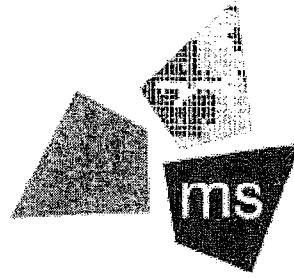


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June 20, 2013

Mr. Karl C. Wetherholt, PE  
City Engineer  
200 S. Hamilton Rd.  
Gahanna, Ohio 43230

**RE: Proposal for Consulting Services  
Contract Modification No 785-2  
Hamilton Road Widening PID 90388  
Johnstown Road (US 62) to Rocky Fork Creek**

Dear Mr. Wetherholt:

Enclosed are three (3) copies of the cost proposal for the Hamilton Road Widening project. This proposal includes the additional services necessary to complete the planning, construction plans and right-of-way plans for the project.

This modification includes additional services for waterline design, right of way plan preparation and roadway design. The services included in this modification were not part of our original scope of services.

If you have any questions regarding this information, please contact Jim Villacres or me.

Sincerely,

A handwritten signature in black ink, appearing to read "Valerie Croasmun".

Valerie Croasmun, PE  
Ohio Transportation Business Manager

VSC:JPV:gs

cc: C/M

File: 60-06471-02-BB-01-0306

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Enclosures

**EXHIBIT A**

## Project Narrative

**FRA-Hamilton Road  
PID #90388  
Contract Modification 2**

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This contract modification proposal for the Hamilton Road Widening project contains additional planning and design services required for the project as detailed below:

### **A. Waterline Replacement Design**

Design for the replacement of approximately 2000 LF of existing 12-inch transite waterline that is located beneath the southbound lanes of proposed pavement widening. The design will provide for the installation of a new 12-inch poly-wrapped ductile iron pipe parallel to the existing transite line. Waterline replacement is anticipated to include the following items:

- Replacement of approximately seven side street reconnections (approx. 100 LF. Each)
- Reconnection of individual service lines for adjacent properties
- Evaluation of possible waterline locations and recommendation for City approval,
  - Approximately 5' east of the existing 12-inch water main; or
  - Approximately 5-10' east of the existing 48-inch Columbus transmission main.
- Provide for the filling and abandonment of the existing transite main
- Modify the Maintenance of traffic plan to accommodate the waterline construction

Plan development for waterline replacement is anticipated to include:

- General Notes, including requirements for ACM pipe handling, cutting and disposal, and a waterline feature coordinate table - 1 Sheet.
- Details of all side street connections, either as individual plan/profiles, or isometric drawings- 1 Sheet
- Plan & profile sheets, at a scale of 1"=20' H and 1"=10V- 4 sheets

The Permit to Install Application package will be prepared for submission to Ohio EPA- CDO. We have included a budget amount for the application and review fee based on an estimated construction value of \$200,000 as a reimbursable expense.

An Engineer's Estimate of Probable Construction Cost for the waterline will be prepared and added to the General Summary for roadway improvement.

Time has been budgeted for preparation of record drawings based on markups provided by the Contractor and the City's Resident Project representative.

The proposed fee for this work is \$30,462.

## **Project Narrative**

**FRA-Hamilton Road  
PID #90388  
Contract Modification 2**

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### **B. Additional Right of Way Plan Parcels**

The original scope of services anticipated approximately 76 parcels for the preparation of right of way plans and legal descriptions. Adjustments to the project grading and extension of the project limits adjacent to the northern roundabout required the preparation of 100 parcels and legal descriptions. An additional 2.5 hours per legal description for a total of 60 hours are added for this task. An additional 32 hours are included for the increase in associated property surveying for setting monuments (iron pins at property corners) and staking parcels with lath for City and County viewing.

The proposed fee for this work is \$11,228.

### **C. Additional Roadway Design at North Roundabout**

Additional roadway design and coordination have been included in the design for the project to coordinate access for the properties adjacent to the northern roundabout. Meetings and additional project design will be incorporated into the plans to provide for the additional street and drive layouts that have been coordinated with the adjacent property owners. The associated additional surveying, mapping and drainage design revisions are also included in this work.

The proposed fee for this work is \$11,259.

## **Project Narrative**

**FRA-Hamilton Road  
PID #90388  
Contract Modification 2**

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### **D. Revised Pavement Design South of Worman Drive**

The existing City of Columbus 48" waterline will be within the proposed roadway south of Worman Drive and will have less than the desired depth of cover due to other project design constraints such as tying into the existing bridge over Rocky Fork Creek and minimizing right of way impacts to adjacent properties. As a result of continued coordination with the City of Columbus Division of Water it was recommended that the proposed pavement be changed in this area to include a concrete base with an asphalt surface. This will provide additional protection over the existing 48" waterline. Work for this task will include pavement design calculations, roadway joint details (5 sheets) and revised typical sections.

The proposed fee for this work is \$6,674.

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