



EVANS, MECHWART, HAMBLETON & TILTON INC.
170 MILL STREET, GAHANNA, OHIO 43230-3036
614-471-5150 • FAX 614-471-9286

May 21, 2003

Mr. Karl C. Wetherholt, PE
City Engineer
200 South Hamilton Road
Gahanna, Ohio 43230

**Re: I-270/Hamilton Road Ramp Improvements
Proposal for Design Services**

Dear Mr. Wetherholt:

Evans, Mechwart, Hambleton & Tilton, Inc. (EMH&T) is pleased to present our proposal for professional services related to design of widening improvements to the I-270 eastbound off ramp at Hamilton Road and design of ramp meter installations on both eastbound and westbound on-ramps from Hamilton Road to I-270. Design of some widening of the eastbound off ramp and replacement of the traffic signal at that intersection was included in a fee proposal dated February 7, 2001. The fee proposed herein is limited to the cost of changes to the scope of services.

This work is required by ODOT pursuant to our Interchange Modification Study that resulted in permission to construct Tech Center Drive and related improvements. Ramp metering was a condition of that approval and had not previously been proposed. Accordingly, the fee proposed herein relates to the entire scope of ramp meter design. Based on our understanding of the project, we anticipate providing the following services:

Eastbound Ramp Improvements

Field survey, alignment, profile, and cross sections required to add one right turn lane to the eastbound off-ramp approach at Hamilton Road, and traffic signal design, was the subject of our February 7, 2001 proposal. The approved Interchange Modification Study requires design of another turn lane in addition to the one anticipated and increases the length of the ramp improvement. The following tasks are the result of these additions:

- Perform additional field surveys necessary to prepare detailed plans for the entire length of the improvement.
- Revise line, grade, and typical section of improvement.
- Prepare additional drainage analysis accounting for the expanded pavement area and impact on existing channels.
- Finalize plans for construction under an ODOT permit

Ramp Meter Improvements

- Field check aerial mapping and prepare base map for ramp meter installations.
- Design vehicle detection, controller, beacons and signs, with underground wiring.
- Arrange for power service and coordinate with electric supplier.
- Provide equipment specifications, notes, and quantities.

EXHIBIT A

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One plan set will be prepared including both the Eastbound Ramp Improvements and Ramp Meter Improvements. The plan will be suitable for bidding as a stand-alone project, funded and administered by the City of Gahanna. Supplemental specifications, and a tabulation of quantities will be provided to the City for their use in preparing bid documents.

The foregoing services will be performed on an hourly rate basis for a maximum fee that will not exceed \$23,500, including reimbursable expenses, without prior approval of the City. Additional services, including representation at public meetings concerning the project, construction staking, and observation of construction can be performed by EMH&T on an hourly rate basis, if authorized pursuant to a separate fee agreement. Estimated costs for additional services will be negotiated upon identification of the scope of the additional services.

We appreciate the opportunity to submit this proposal to you and look forward to working with you on this project. Please call if you have any questions.

Respectfully submitted,

EVANS, MECHWART, HAMBLETON & TILTON, INC.

A handwritten signature in black ink, appearing to read 'Lawrence C. Creed', written over a circular stamp or seal.

Lawrence C. Creed, Esq., PE
Associate and Senior Transportation Engineer

LCC/lc