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McDonough Associates Inc.  
16634 South 107<sup>th</sup> Court  
Orland Park, Illinois 60467-8898  
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[www.malengr.com](http://www.malengr.com)

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April 23, 2012

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Village of Orland Park  
Department of Public Works  
15655 Ravinia Avenue  
Orland Park, Illinois 60462

Attn: Mr. John Ingram  
Director of Public Works

Re: Proposal for Engineering Design (Phase II) Services  
U.S. Route 45 (LaGrange Road) Segment 3 – 135<sup>th</sup> Street Water Main relocation

Dear Mr. Ingram,

McDonough Associates (MAI) appreciates the opportunity to work with the Village of Orland Park to design the relocation of the water main on 135<sup>th</sup> Street. The village water main was identified to be in conflict with the proposed road improvement and this relocation will be included in the plans for LaGrange Road Segment 3 improvement. The existing 135<sup>th</sup> Street water main is located approximately 41 feet to the right of the centerline of 135<sup>th</sup> Street. The proposed road improvements include roadway widening and a drainage ditch on the south side of 135<sup>th</sup> Street, resulting in a grade conflict. The proposed improvement decreases the soil cover for the existing water main and as a result, the Village water main must be relocated. All valve vaults and fire hydrants will be adjusted or relocated to match the proposed improvements, or as indicated by the Village upon review.

The design documents are proposed to be included as part of the IDOT-funded U.S. 45 (LaGrange Road) improvements project. We will coordinate the work with the various agencies having authority over the work. We will provide specifications and summary of quantities and cost following the State format. We will perform our in-house Quality reviews. We will provide up to 5 sets of drawings for Village final approval, and then provide the final documents to IDOT for incorporation into the IDOT Projects. We will make submittals to IEPA and IDNR for permits as needed, and will help the Village to provide any information other jurisdictional agencies may require.

We propose a lump sum fee for these professional services of **\$18,000.00**. Any additional services requested by the Village that would result in a change of Scope will not commence unless given prior authorization. The Village will be invoiced monthly on the basis of percent complete.

These services will commence immediately upon receipt of the Village issued purchase order or written notice to proceed and will be completed in conjunction with the IDOT project schedule. If you have any questions regarding this proposal, please contact the undersigned. Thank you for the opportunity to be of service.



Very truly yours,  
McDONOUGH ASSOCIATES INC.

A handwritten signature in black ink that reads "Timothy D. Werner". The signature is fluid and cursive, with the first name being the most prominent.

Timothy D. Werner, P.E.  
Director of Engineering

Encls: Area Exhibit

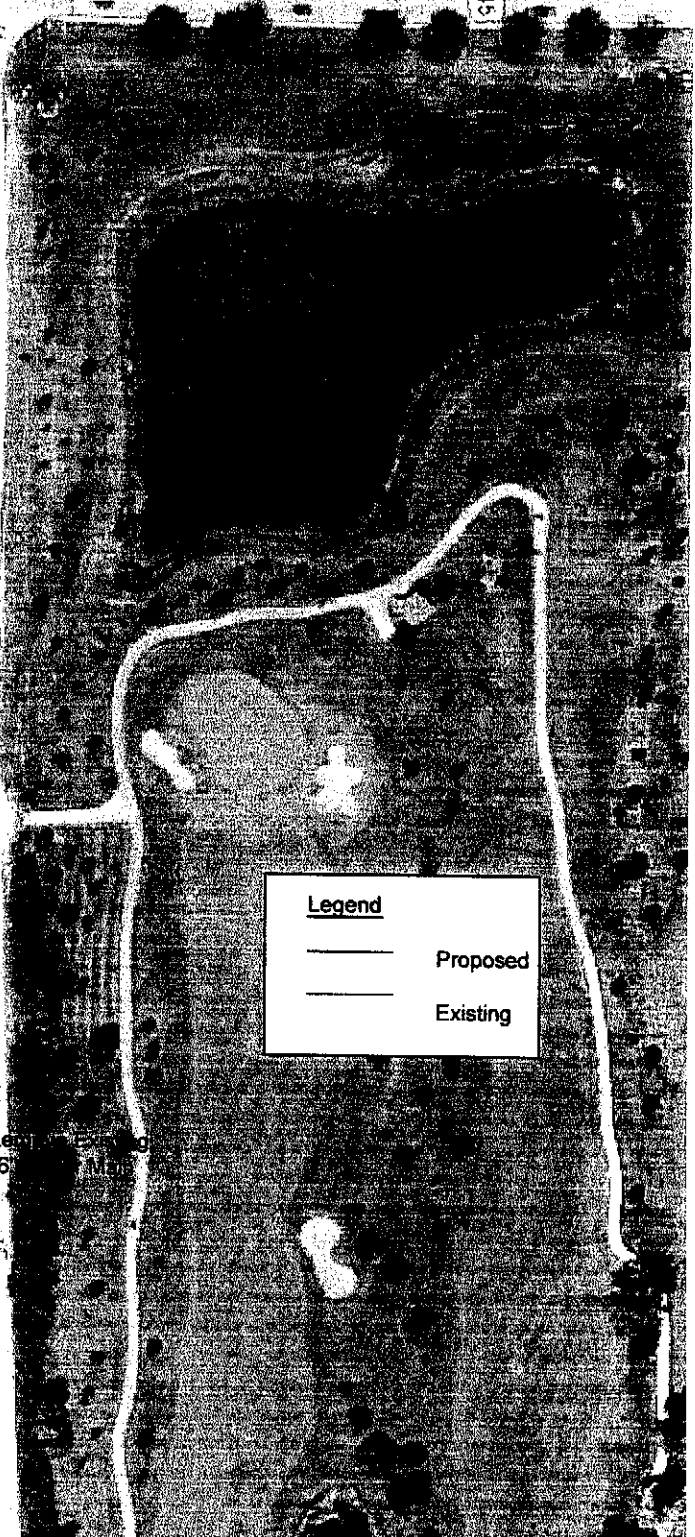
cc: Mike Hannemann, MAI  
Al Swanson, MAI  
File



US Rte 45 (LaGrange Road)



135th Street

Revised Existing  
16" Water Main



Legend	
	Proposed
	Existing



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ENGINEERS ARCHITECTS  
18834 S. 107TH COURT  
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