

MAY 20 2013

J. Ronald Colyer
City Clerk

ORDINANCE NO. 3038

**AN ORDINANCE TO EMPLOY HOELSCHER ENGINEERING,
P.C. OF FAIRVIEW HEIGHTS, ILLINOIS TO RENDER
PROFESSIONAL SERVICES TO THE CITY OF COLUMBIA,
ILLINOIS IN CONNECTION WITH THE ADMIRAL PARKWAY
TIF DISTRICT HYDROLOGY STUDY**

WHEREAS, the City Council of the City has found and determined and does hereby declare that it is necessary and appropriate that the City employ Hoelscher Engineering, P.C. to provide professional services to the City to perform hydrology studies of Carr Creek, Wilson Creek and Wilson Creek North Tributary, perform survey of Wilson Creek North Tributary, perform hydraulic analysis of Wilson Creek North Tributary, analyze possible flood prevention solutions, provide schematic design and cost estimates and provide written report and attend public meetings;

NOW, THEREFORE, BE IT ORDAINED, by the City Council of the City of Columbia, Illinois, as follows:

Section 1. The recitals contained above in the preamble of this Ordinance are hereby incorporated herein by reference, the same as if set forth in this Section of this Ordinance verbatim, as findings of the City Council of the City of Columbia, Illinois.

Section 2. The City Council of the city does hereby authorize the employment of Hoelscher Engineering, P.C. to provide the professional services to the city with regard to the Admiral Parkway TIF District Hydrology Study. The Mayor is hereby authorized and directed to execute and deliver to Hoelscher Engineering, P.C., for and on behalf of the City, the "Admiral Parkway TIF District Hydrology Study Proposal" between the City of Columbia, Illinois and Hoelscher Engineering, P.C. for the lump sum not to exceed amount of Sixty Seven Thousand Three Hundred Dollars (\$67,300.00) in the form attached hereto, which is hereby approved as to form, in as many counterparts as the Mayor shall determine and the City Clerk is hereby authorized and directed to attest the same and to affix thereto the corporate seal of the City.

Section 3. This ordinance shall be in full force and effect from and after its passage, as provided by law.

Alderman Ebersohl moved the adoption of the above and foregoing Ordinance; the motion was seconded by Alderman Huch, and the roll call vote was as follows:

YEAS: Aldermen Ebersohl, Niemietz, Roessler, Huch, Mathews, Reis and Holtkamp.

NAYS: None.

ABSENT: Alderman Agne.

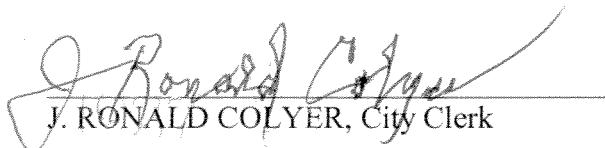
ABSTENTIONS: None.

PASSED by the City Council and APPROVED by the Mayor this 20th day of May, 2013.



KEVIN B. HUTCHINSON, Mayor

ATTEST:



J. RONALD COLYER, City Clerk

(SEAL)

STATE OF ILLINOIS)
) SS
COUNTY OF MONROE)

CERTIFICATE OF TRUE COPY

I, J. Ronald Colyer, hereby certify that I am the duly elected and acting City Clerk of the City of Columbia, Illinois and as such I am the keeper of the books, records, files and corporate seal of said City.

I do further certify that Ordinance No. 3038, entitled:

**“AN ORDINANCE TO EMPLOY HOELSCHER
ENGINEERING, P.C. OF FAIRVIEW HEIGHTS, ILLINOIS
TO RENDER PROFESSIONAL SERVICES TO THE CITY
OF COLUMBIA, ILLINOIS IN CONNECTION WITH THE
ADMIRAL PARKWAY TIF DISTRICT HYDROLOGY
STUDY”**

to which this certificate is attached, is a true, perfect, complete and correct copy of said ordinance as adopted at a regular meeting of the Columbia, Illinois City Council held on the 20th day of May, 2013.

IN WITNESS WHEREOF, I have made and delivered this certificate for the uses and purposes hereinabove set forth this 20th day of May, 2013.

J. Ronald Colyer
J. RONALD COLYER, City Clerk

(SEAL)



Hoelscher Engineering, P. C.

January 22, 2013

Mr. Paul A. Ellis
Director of Community and Economic Development
City of Columbia
208 South Rapp
Columbia, IL 62236

RE: Admiral Parkway TIF District Hydrology Study Proposal

Dear Mr. Ellis:

Thank you for requesting this proposal from Hoelscher Engineering. Based on the information recently provided to us, our recent phone conversation with you and City Engineer, Ron Williams, and Hoelscher Engineering's past hydrology studies of Wilson and Carr creeks; Hoelscher Engineering proposes to provide the following professional services as listed below:

1. **Hydrology Study of Carr Creek** - Perform a hydrology study of Carr Creek for the 10, 50, 100, and 500 year storm frequencies by updating the December, 1999 Hydrology Study of Carr Creek by Hoelscher Engineering. This includes updating the land use data and performing the revised hydrologic analysis by converting the December, 1999 HEC-1 based analysis to a HEC-HMS computer analysis.
2. **Hydrology Study of Wilson Creek** - Perform a hydrology study of Wilson Creek for the 10, 50, 100, and 500 year storm frequencies by updating the December, 1999 Hydrology Study of Wilson Creek by Hoelscher Engineering. This includes updating the land use data and performing the revised hydrologic analysis by converting the December, 1999 HEC-1 based analysis to a HEC-HMS computer analysis.
3. **Hydrology Study of Wilson Creek North Tributary** - Perform a hydrology study of the Wilson Creek North Tributary for the 10, 50, 100, and 500 year storm frequencies. This watershed contains the new school to the Northeast of the Admiral Parkway and Valmeyer Road intersection, and the tributary flows through the former video store site adjacent to said intersection. This will include developing current rainfall, land use and time of concentration parameters. This data will then be inputted into the HEC-HMS computer model.
4. **Pickup Surveying of the Wilson Creek North Tributary** - Where up-to-date information is not available, perform a topographic survey of the Valmeyer Road crossroad culverts in the vicinity of the video store, the drainage ditch adjacent to the video store from Admiral Parkway to Valmeyer Road, the lowest entry elevation and the lowest adjacent grade of the video store building, and a profile of Valmeyer Road from the edge of Admiral Parkway to about 500 feet west of Admiral Trost Road. This also includes any survey on the new school property necessary to determine effective detention storage, including the controlling outlet if this information cannot be obtained from existing plans. The elevations will be tied to the datum utilized in the current NFIP Flood Insurance Rate Study for Wilson Creek. This does not include any boundary, easement, or underground utility surveying.

Hoelscher Engineering, P. C.

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5. **Existing Conditions Hydraulic Analysis of Wilson Creek North Tributary** - Perform a hydraulic analysis of existing conditions for the Wilson Creek North Tributary for the above-listed flood frequencies from for the tributary from Admiral Parkway to Valmeyer Road.
6. **Analyze Possible Flood Prevention Solutions** - Perform hydrologic and hydraulic analyses of the six most viable flood mitigation improvements that have the potential to reduce flooding in the Admiral Parkway TIF District. It is assumed that this will include two improvement options for each of the above-listed hydrology study areas.
7. **Schematic Design and Cost Estimates** - Prepare a schematic design for the six possible solutions sufficient to develop a preliminary cost estimate for each of the six options. This does not include preliminary or final design documents. This includes preparation of an engineer's opinion of cost for the six options based on the schematic designs.
8. **Written Report and Public Meetings** - Provide a letter report summarizing the above-listed findings and present to City officials as directed at up to two meetings.

FEE SCHEDULE

Item No.	Item Description	Fee (\$)
1.	Hydrology Study of Carr Creek	8,500
2.	Hydrology Study of Wilson Creek	5,200
3.	Hydrology Study of Wilson Creek North Tributary	5,200
4.	Pickup Surveying of the Wilson Creek North Tributary	7,100
5.	Existing Hydraulic Analysis of Wilson North Tributary	7,400
6.	Analyze Possible Flood Prevention Solutions	9,900
7.	Schematic Design and Cost Estimates	12,900
8.	Written Report and Public Meetings	11,100
		Total \$ 67,300

Hoelscher Engineering proposes to provide the above-described services for the lump-sum fees listed above. Hoelscher Engineering will invoice the client monthly or less frequently based on the percentage complete of each item, and payment will be due within 30 days of the invoice date.

These services do not include improvement plans, specifications, or design or permit submittals; boundary or topographic surveying (other than stated above); right-of-way platting; wetlands analysis

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or mitigation; structural or retaining wall design; archeological surveys or reports; easement plat preparation, or acquisition of easements; as-built surveys; geotechnical borings, analysis or design; soliciting bids or preparation of bid documents; sanitary or storm water pump station design; construction observation or staking; materials, pavement, or other field testing; or landscaping plans.

There will be no extra charges for computer time, word processing, local mileage, printing for agency submittals or one client copy of all reports and submittals.

The above-listed fees do not include submittal, application, title policy, or recording fees, or printing costs for extra copies other than those listed above.

We will also provide additional services that we are accustomed to performing at your request on an hourly basis as per the attached Hourly Rate Schedule. Hoelscher Engineering may increase hourly rates on January 1 of each succeeding year.

Payment of any invoice by the Client to the Consultant shall be taken to mean that the Client is satisfied with the Consultant's services to the date of payment and is not aware of any deficiencies in those services.

All reports, drawings, specifications, computer files, field data, notes and other documents and instruments prepared by the Consultant as instruments of service shall remain the property of the Consultant. The Consultant shall retain all common law, statutory and other reserved rights, including the copyright thereto.

Neither the professional activities of the Consultant, nor the presence of the Consultant or its employees and subconsultants at a construction/project site, shall relieve the General Contractor of its obligations, duties and responsibilities including, but not limited to, construction means, methods, sequence, techniques or procedures necessary for performing, superintending and coordinating the Work in accordance with the contract documents and any health or safety precautions required by any regulatory agencies. The Consultant and its personnel have no authority to exercise any control over any construction contractor or its employees in connection with their work or any health or safety programs or procedures. The Client agrees that the General Contractor shall be solely responsible for jobsite safety, and warrants that this intent shall be carried out in the Client's contract with the General Contractor. The Client also agrees that the Client, the Consultant and the Consultant's subconsultants shall be indemnified by the General Contractor and shall be made additional insureds under the General Contractor's policies of general liability insurance.

The Consultant shall not be required to execute any documents subsequent to the signing of this Agreement that in any way might, in the sole judgment of the Consultant, increase the Consultant's contractual or legal obligations or risks, or adversely affect the availability or cost of its professional or general liability insurance.

Thank you for the opportunity to submit this proposal. Please return at your earliest convenience as we understand you desire us to complete a report for your review within two weeks. This proposal is valid if accepted within 60 days.

Hoelscher Engineering, P. C.

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If this proposal is acceptable, please sign both copies and return one copy. If you have any questions, please do not hesitate to contact us.

Sincerely,

HOELSCHER ENGINEERING, P.C.



Gary R. Hoelscher, P.E.
President

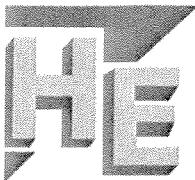
GRH/grh
Attachments

Accepted by:

Client Name (Please Print)

Date: _____

Signature, Title



Hoelscher Engineering, P. C.

**Hourly Rate Schedule
As of January 1, 2013**

<u>Personnel Category</u>	<u>Hourly Rate (\$/Hour)</u>
Professional Engineer IV	175
Professional Engineer III	152
Professional Engineer II	120
Professional Engineer I	91
Design Engineer IV	126
Design Engineer III	105
Design Engineer II	75
Design Engineer I	62
Traffic Operations Specialist	120
Senior Designer	98
Engineering Technician IV	87
Engineering Technician III	74
Engineering Technician II	65
Engineering Technician I	48
Professional Land Surveyor	110
2-Man Survey Crew	138
3-Man Survey Crew	158
1-Man GPS/Robotics Survey	120
2-Man GPS/Robotics Survey Crew	148
Administrative Assistant	52

Hourly rates may be subject to annual adjustments.