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June 19, 2018

Mr. John Beery, P.E.
City Engineer
City of Noblesville
16 South 10th Street, Suite 155
Noblesville, IN 46060

Re: Traffic Signal Timings
Logan Street & Conner Street Corridors

Dear Mr. Beery,


Enclosed please find our proposal to provide traffic signal timings for the Logan Street and Conner Street corridors in Noblesville, Indiana.

The fees to provide these services are based on the detailed scope of work outlined in the attached proposal.

If this proposal is acceptable, please sign below and return one copy to us.

We thank you for the opportunity to submit this proposal.

Sincerely,
A&F Engineering Co., LLC


R. Matthew Brown, P.E.
Vice President

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Enclosure

This proposal is accepted and A&F Engineering Co., LLC is authorized to proceed.


For City of Noblesville

**A & F ENGINEERING CO., LLC
PROPOSAL FOR
SIGNAL TIMINGS
LOGAN STREET & SR 32 CORRIDORS
NOBLESVILLE, INDIANA**

JUNE 2018

SCOPE OF WORK:

The scope of work for this project is:

1. Conduct peak hour traffic volume counts at the following locations:
 - a. Logan Street & SR 38
 - b. Logan Street & Lakeview Drive
 - c. Logan Street & Highway 19
 - d. Logan Street & 8th Street
 - e. Logan Street & 9th Street
 - f. Logan Street & 10th Street
2. Utilize previously conducted traffic counts at the following locations:
 - a. SR 32 & River Road
 - b. SR 32 & SR 38
 - c. SR 32 & Highway 19
 - d. SR 32 & 8th Street
 - e. SR 32 & 9th Street
 - f. SR 32 & 10th Street
3. Conduct 10 travel time runs during the AM peak hour and PM peak hour along the existing Logan Street and SR 32 corridors between 10th Street and River Road.
4. Construct a traffic model using Synchro/SimTraffic software utilizing the following data:
 - a. Geometrics from aerial maps and field measurements
 - b. Existing traffic counts
 - c. Signal phasing information
5. Develop AM & PM weekday signal timings for the Logan Street and SR 32 corridor.
6. Submit timings, time/space diagrams, level of service and queue length results via a written report.

FEES:

The fees to provide the services outlined in the scope of work are as follows:

1. The lump sum fee to provide the services outlined above is \$23,650.00.
2. The fee to attend meetings will be billed based on the hourly rate schedule.
3. The fees to provide additional services, if required, will be billed on the basis of an hourly rate as shown in the hourly rate schedule. However, a lump sum or maximum fee will be offered if the scope of work for any additional services can be defined.

4. Hourly Rate Schedule:

a. Principal	\$210.00
b. Project Manager	\$200.00
c. Traffic Engineer	\$135.00
d. Traffic Counter	\$ 95.00

MEMORANDUM

TO: THE BOARD OF PUBLIC WORKS AND SAFETY

FROM: JOHN BEERY, CITY ENGINEER

DATE: JUNE 20, 2018

RE: DOWNTOWN TRAFFIC SIGNAL NETWORK TIMING PLAN

The Downtown signal network consists of all traffic signal on Conner Street from 10th Street to River Road and Logan Street from 10th Street to SR 38. The master controller for the network is at 8th and Conner Street.

The City upgraded its signals in 2016 and the State did limited upgrades the same year. The City has contacted several people with INDOT on numerous occasions to request updating the timing plans for the network, which has been unsuccessful to this point. It has been my intention to prepare a timing plan internally to submit to INDOT, but the Engineering Department is simply too busy to find the time to complete the work. Therefore, we have engaged A&F Engineering to submit the attached proposal letter and scope to compete the project. A&F has completed similar work for the City and completes traffic counts for the City in the same manner.

We already have traffic counts for this project.

I recommend that the Board of Public Works authorize the President of Board of Public Works to sign the proposal letter for an amount not to exceed \$23,650.