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City Clerk, City of Troy
116 E. Market Street
Troy, Illinois 62294

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STATE OF ILLINOIS
MADISON COUNTY
06/25/2020 09:15 AM
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**CITY OF TROY
ORDINANCE NO. 2020- 14**

50.00 CTY

**AN ORDINANCE OF THE CITY OF TROY, ILLINOIS, PROVIDING FOR
THE INSTALLATION OF STOP SIGNS AT HERRICK PARK DRIVE
AND BRIDGEHAMPTON ROAD IN THE CITY OF TROY, ILLINOIS**

**Adopted by the
City Council of the
City of Troy, Illinois**

This 4th Day of May, 2020

*Published in pamphlet form by the authority of the City Council of the City
of Troy, Madison County, Illinois, this 4th Day of May, 2020*

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Ordinance No. 2020-14

AN ORDINANCE OF THE CITY OF TROY, ILLINOIS, PROVIDING FOR
THE INSTALLATION OF STOP SIGNS AT HERRICK PARK DRIVE
AND BRIDGEHAMPTON ROAD IN THE CITY OF TROY, ILLINOIS

WHEREAS, the City Council of the City of Troy, Madison County, Illinois, wishes to provide a safe opportunity for traffic to navigate the Hampton Glen Subdivision; and

WHEREAS, the anticipated pedestrian volume, potential sight obstruction, and future function as an unusual intersection of three major streets and one minor street are warranted cause for an all-way stop; and

WHEREAS, upon request of the neighbors in the Hampton Glen Subdivision, the Chief of Police has investigated the need for additional traffic measures within the Subdivision; and

WHEREAS, upon order of the City Council of the City of Troy, Illinois and the evidence herein established, the Chief of Police and City Engineer have determined the need to improve safety at certain locations within the corporate limits of the City of Troy, Madison County, Illinois; and

WHEREAS, the City Council of the City of Troy, Illinois has determined that the public safety will be promoted by establishing Stop signs at the locations set forth by the Chief of Police.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF TROY, MADISON COUNTY, ILLINOIS AS FOLLOWS:

Section 1. That the City Council hereby determines that the preambles hereto are true and correct and are incorporated herein by reference as if fully set forth at this point.

Section 2. Stop signs are hereby required and shall be installed as follows:

Four-way stop at the Intersection of Herrick Park Drive and Bridgehampton Road

Section 3. Stop signs conforming to the Illinois Department of Transportation's standards and specifications, if applicable, shall be erected at the intersection described in Section 2 above, such intersection being within the City of Troy, Illinois. The location of these signs shall conform to the requirements of the Illinois Department of Transportation's standards and specifications, if applicable.

Section 4. Any person who disobeys the Stop signs to be placed pursuant to this Ordinance shall be in violation of Chapters 71.05, 71.06 and 71.99 of the Codified Ordinances of the City of Troy, and shall be in violation of our Codified Ordinances, and shall be fined not less than \$25.00 nor more than \$500.00 for each such offense.

Section 5. The Code of Ordinances of the City of Troy, Illinois, Chapter 73, Schedule VI, is hereby amended to reflect the above described Stop signs' placement.

Section 6. If any section or provision of this Ordinance is declared invalid for any reason, such invalidity shall not affect or impair any of the remaining sections or provisions of this Ordinance which can be given effect without the invalid section or provision, and to this end, the sections and provisions of this Ordinance are declared to be severable.

Section 7. This Ordinance shall be in full force and affect from and after its passage and approval and publication in pamphlet, according to the law.

Passed by the Council of the City of Troy, Madison County, Illinois approved by the Mayor, and deposited in the office of the City Clerk this 4th day of May, 2020.

Those Voting Aye: Dawson, Henderson, Helling, Italiano, Knall, Levo, Manley, Turner

Those Voting Nay: _____

Those Absent: _____

Attest:

Andrea D. Lambert
Andrea D. Lambert, City Clerk
City of Troy, Illinois

Approved: _____
By: Allen P. Adomite
Allen P. Adomite, Mayor
City of Troy, Illinois





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20 East Main Street
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St. Charles
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March 9, 2020

Doug Partney
City of Troy
116 East Market
Troy, IL 62294-1518

Re: Hampton Glen Subdivision
All-Way Stop Sign Study at Herrick Park Drive and Bridgehampton Road.

Mr. Partney:

We have received a request to review stop sign warrants at the intersection of Herrick Park Drive and Bridgehampton Road. After consideration, we recommend installing all-way stop control at the subject intersection.

Based on the Manual of Uniform Traffic Control Devices (MUTCD), all-way stop control is warranted if at least one of the following criteria is met:

- The vehicle volume entering the intersection from the major street approaches averages at least 300 vehicles per hour for any 8 hours of an average day, AND the combined volumes entering the intersection from the minor street approaches averages at least 200 vehicles per hour for the same 8 hours.
- Locations where a minor road user, after stopping, cannot see conflicting traffic and is therefore not able to safely navigate the intersection unless conflicting cross traffic is also required to stop.
- Five or more reported crashes have occurred in a 12-month period that are considered preventable by a multi-way stop installation.

Since a new phase in the subdivision is under development, the current crash data and traffic volume counts for this intersection are not applicable – as the new phase will greatly increase the amount of traffic that will be utilizing the intersection. However, we did an approximation of what the volume of traffic will likely be based on the number and type of housing within the area. Anticipated volumes at this intersection would be about 1,200 vehicles/day, or around 150 vehicles per hour, during the peak hour. Though this volume rate does not meet the MUTCD criterial mandating an all-way stop control, there are other considerations such as pedestrian volumes, sight distance, and function to consider.

There are sight obstructions present at this intersection as shown on the attached Exhibits. Parking is allowed on Bridgehampton Road, and parked cars along this road will create a sight obstruction to cars entering the intersection from Herrick Park Drive. This type of site obstruction is not unusual for residential intersections, and they can be found throughout the City where multi-way stop signs are not present or required. For typical residential intersections, a two-way stop control has been proven sufficient.

However, the subject intersection is unusual given that traffic on Herrick Park Drive and Bridgehampton Road will be fairly balanced after future phases are built. Herrick Park Drive, which is currently a "minor street", will eventually carry more traffic and become a



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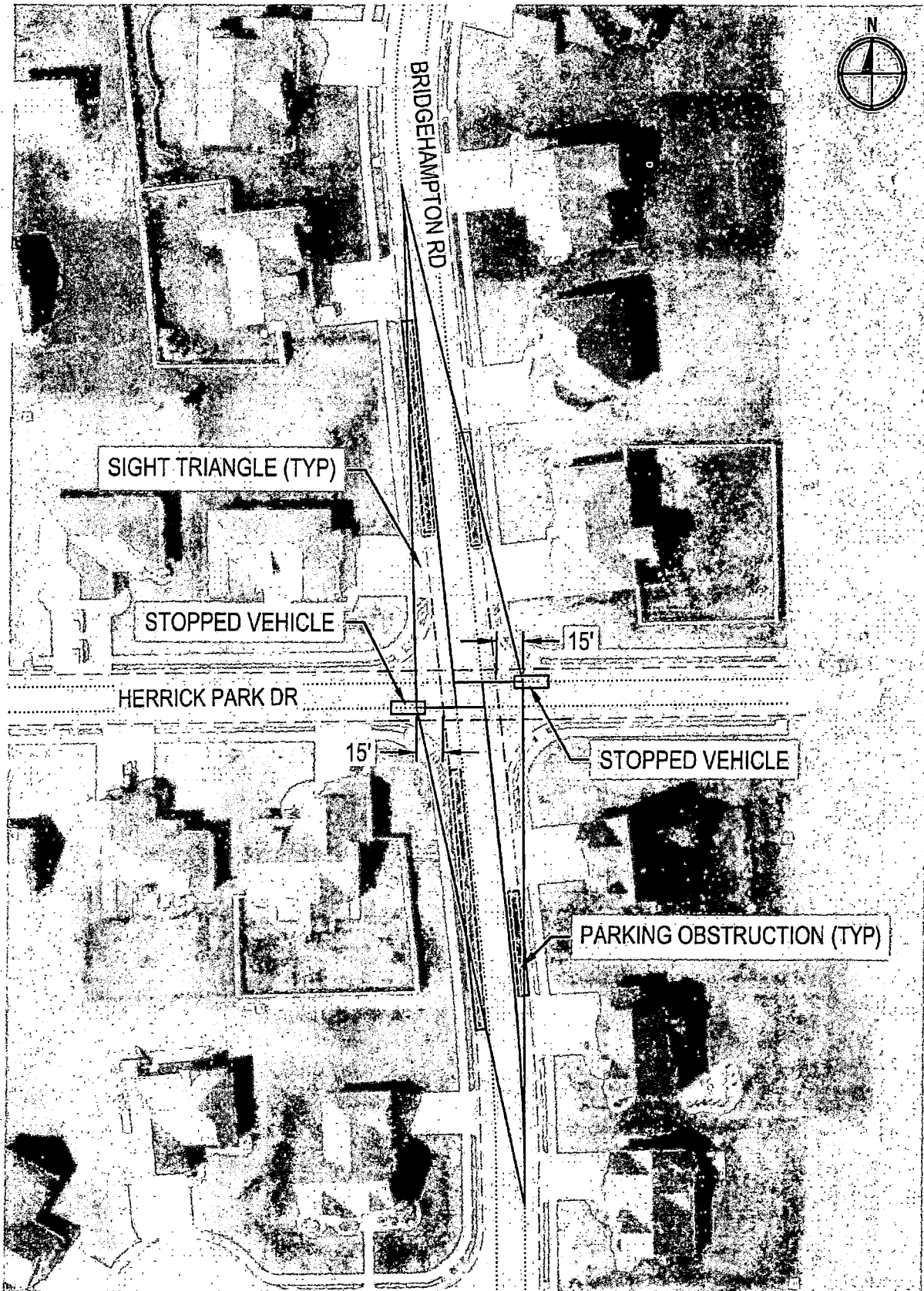
"major street" in its own right. This will create an unusual intersection of three major streets and one minor street. Two-way traffic controls will not be sufficiently effective under these types of conditions.

Therefore, in our judgement, the all-way stop is warranted for safety because three approach legs at the intersection will be "major", there are sight obstructions present, and the overall traffic levels are higher than 1,000 entering veh./day. For higher visibility, we also further recommend that pedestrian crosswalks be installed for pedestrian safety.

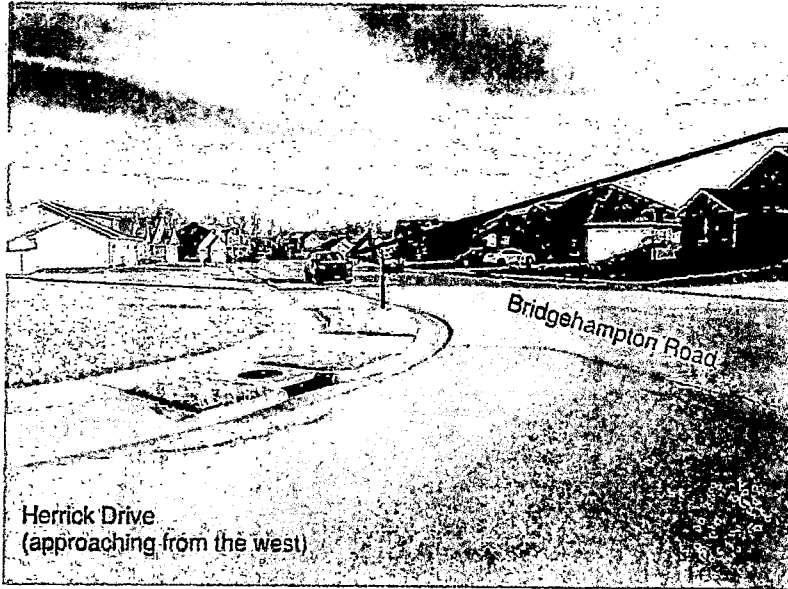
Respectfully,

OATES ASSOCIATES, INC.

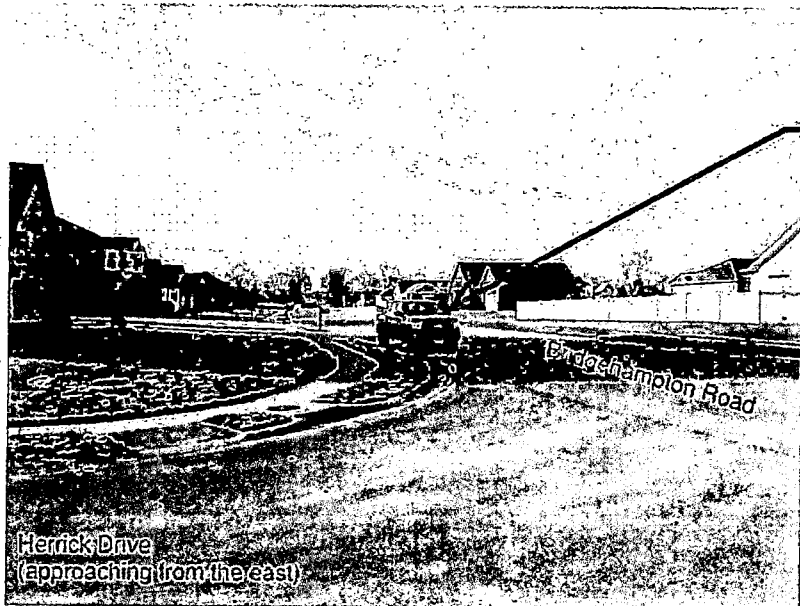
Tom Cissell, PE
City Engineer



Photos taken from the perspective of a stopped vehicle on Herrick Drive



Parked vehicle causing a site obstruction



Parked vehicle causing a site obstruction