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**VILLAGE OF SUGAR GROVE  
BOARD REPORT**

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**TO:** VILLAGE PRESIDENT & BOARD OF TRUSTEES  
**FROM:** ANTHONY SPECIALE, DIRECTOR OF PUBLIC WORKS  
GEOFF PAYTON, STREETS & PROPERTIES SUPERVISOR  
**SUBJECT:** DISCUSSION: TRAFFIC SIGNAL WARRANT STUDY AT PARK AVENUE  
AND SUGAR GROVE PARKWAY  
**AGENDA:** MAY 21, 2019 BOARD MEETING  
**DATE:** MAY 17, 2019

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**ISSUE**

Discussion and update for the Traffic Signal Warrant Study at Park Avenue and Sugar Grove Parkway.

**DISCUSSION**

This project was last discussed at the April 2, 2019 regular board meeting.

A Traffic Signal Warrant Study was conducted in April 2019. The Study consisted of obtaining a 24-hour traffic count including an hourly breakdown by movement and an investigation into existing conditions including crash data (supplied by the Sugar Grove Police Department) to determine if the minimum criteria as outlined by the MUTCD have been met. There is no set expiration time for a traffic signal warrant study; however, if there are changes in traffic volumes, development or crash volumes, additional studies or data collection may be required by IDOT.

A letter from the Village was sent to IDOT on April 24, 2019 outlining the request to install a traffic signal with the data indicating that the Warrant Criteria has been met. A follow up phone call to IDOT indicated that another month was needed for IDOT to review our request.

The total estimated cost of this project is \$584,000 - \$652,000. The higher estimate is based on the additional costs to make it eligible for Federal funding. Phase I Engineering costs are estimated at \$65,000 under local funding or \$116,000 under a Federal funding scenario. The Federal process could add approximately 12 to 16 months to the Phase I Engineering. Staff does not believe a grant utilizing Federal funding is likely, but it cannot be entirely ruled out.

While a typical grant is not considered likely, staff believes it would be appropriate for IDOT to fund 50% of the cost given they have ownership of Sugar Grove Parkway (IL 47). Staff recommends that the Village and interested community members contact IDOT and our State Legislators and request funding support.

Given the accident history at this intersection, staff believes it is appropriate to begin Phase I Engineering. Given the low likelihood of a Federally funded grant, staff believes the local funding process is appropriate.

No portion of this project is included in the current budget. The Infrastructure Maintenance Fund does have adequate unrestricted reserve funds that could be utilized.

EEl and Village Staff will be on hand to discuss the progress of the project.

### **COST**

Phase I Engineering costs under a locally funded project scenario are estimated at \$65,000, which while unbudgeted, could be covered by unrestricted reserve fund balance in the Infrastructure Maintenance Fund.

### **RECOMMENDATION**

The Village Board listen to the update from EEl and ask any further questions they may have and direct Staff to enter a PSA with EEl to start Phase I Engineering under the local funding scenario.