



## Agenda Item Summary

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**File #:** RES 16-298, **Version:** 1

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### **Submitted By**

Bill McKenna, Village Engineer

### **Reviewed By**

LKS

### **Agenda Item Title**

**A Resolution Approving a Professional Services Agreement with Claassen, White & Associates, P.C. for Project 16-21, Establishment of Vertical Benchmark Monuments, in an Amount not to Exceed \$85,000.00 and Authorizing its Execution**

### **Overview**

The Engineering Division requested proposals for establishing benchmark monuments at various locations which are used as starting points for topographic surveys within the Village. Request for Proposal documents were sent to four qualified firms for this type of work, and the Village received a proposal back from each firm. The proposal from Claassen, White & Associates best fit the needs of the Village while at the most competitive price of \$48,400. Staff is recommending awarding the agreement at the full budgeted amount of \$85,000 in order to get additional benchmarks installed within the Village.

### **Staff Recommendation**

Approval

### **Fiscal Impact**

The costs for this project would be funded through the FY 2016 Capital Improvement Fund for External Support account no. 3095-43780-101-530667 which provides \$85,000 for the Village-wide elevation benchmark survey.

### **Background**

The Village of Oak Park has a network of benchmarks on fire hydrants and monuments at various locations throughout the Village. Benchmarks set on hydrants are lower accuracy and only include vertical elevation data. Survey monuments are more accurate and are sunk in the ground and provide for high accuracy information for both horizontal and vertical data. These benchmarks are used as the starting points for surveying projects for private projects and developments and any Village project requiring a survey. In 2002 the Engineering Division updated these benchmarks to account for fire hydrants being replaced and also established the four monuments. Over the past fourteen years many of these hydrants have been removed and two of the monuments have been destroyed.

This project includes establishing a network of survey benchmarks which is needed due to current lack of benchmarks within the Village. This project will establish monuments rather than utilizing hydrants which are

prone to replacement from vehicle hits and replacement from capital improvement projects. The project will include checking and correcting the existing monuments. The remaining budget will be utilized to install additional locations, which will provide for a closer network of benchmarks which will provide for greater flexibility for future public and private surveys which will result in lower costs for these surveys.

**Alternatives**

The alternative to this recommendation could be to delay action to gain additional information.

**Previous Board Action**

N/A

**Citizen Advisory Commission Action**

N/A

**Anticipated Future Actions/Commitments**

Upon completion of the new benchmark survey staff will submit an ordinance amending Section 1-1-10 of the Village code.

**Intergovernmental Cooperation Opportunities**

None at this time.

**Performance Management (MAP) Alignment**

This work is in alignment with the Governance Priority for the Department of Public Works for Infrastructure/Capital Programs.