

# VILLAGE OF HOMEWOOD



## **BOARD AGENDA MEMORANDUM**

**DATE OF MEETING:** August 26, 2025

**To:** Village President and Board of Trustees

**Through:** Napoleon Haney, Village Manager

**From:** Joshua Burman, Director of Public Works

**Topic:** Purchase Approval – Crack Sealer Machine

### **PURPOSE**

The Public Works Department requests Village Board approval to purchase a 2025 Crafcro Super Shot 60 Diesel from Crafcro, Inc. of DeKalb, IL, in the amount of \$60,581.40, for use in crack sealing operations. The current unit, a 1999 Crafcro 100D, is inoperable and has exceeded its useful life. Although repairs are technically possible, the equipment is fully depreciated, obsolete with few available parts, and no longer a cost-effective option.

### **PROCESS**

Crack sealing is a cost-effective road maintenance method used to extend the life of asphalt pavement by preventing water and debris from entering surface cracks. The process involves cleaning the cracks and filling them with a rubberized asphalt sealant to create a waterproof barrier, which slows deterioration, reduces the spread of cracks, and delays costly repairs. Commonly applied to roads, parking lots, and runways, crack sealing is most effective when done early and can add several years to a pavement's service life.



### *Equipment Replacement Methodology*

On an annual basis, during budgeting season, the Public Works Fleet Division assesses the condition of all vehicles and equipment scheduled for replacement. During the assessment of the department's 1999 Crafcro 100D crack sealing machine, staff determined that it is no longer a viable asset. The estimates for repairs, which include injectors, an injector pump, burner assembly, and tank jacket oiler, total \$4,200. Due to the age of the equipment, its fully depreciated status, and the likelihood of additional future failures, staff determined that repairing the equipment would not be a cost-effective or sustainable solution.

### *Options for Replacement Equipment*

Public Works evaluated several replacement options that would meet the Village's operational needs and align with the equipment renewal schedule. Staff identified the 2025 Crafcro Super

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Shot 60 Diesel as the preferred model. This model offers modern performance, safety features, and a 20-year expected service life. A formal quote was obtained, confirming the purchase cost of \$60,581.40.



*Figure 1: 2025 Crafcro Super Shot 60*

In order to ensure best pricing and sound procurement practices, the purchase will be made through Sourcewell, a national cooperative purchasing program. Sourcewell is a government agency that establishes competitively solicited contracts on behalf of member municipalities, providing access to volume pricing and streamlined procurement. Leveraging Sourcewell allows the Village to secure favorable pricing while remaining compliant with purchasing requirements.

If approved by the Village Board, staff will move forward with purchasing the equipment using budgeted funds through the Sourcewell cooperative contract. Delivery is expected within the current fiscal year. Upon delivery, fleet services will prepare the machine for operational use, and Public Works crews will deploy the unit as part of the ongoing roadway pavement preservation program.

### OUTCOME

Approval of this purchase provides the Village with a reliable and modern crack sealing machine. As a result, Public Works can continue with its efforts to maximize the longevity of our roadways and complete roadway maintenance safely, efficiently, and on schedule. Residents and motorists will also benefit from smoother, safer, and longer-lasting streets.

### FINANCIAL IMPACT

- **Funding Source:** General Capital
- **Budgeted Amount:** \$750,000 (Vehicle & Equipment Replacement)
- **Cost:** \$60,581.40

### LEGAL REVIEW

Not Required

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### **RECOMMENDED BOARD ACTION**

Waive competitive bidding due to purchasing through a joint governmental or cooperative purchasing program; and, authorize the purchase of one (1) 2025 Crafc0 Super Shot 60 Diesel asphalt crack sealing machine from Crafc0, Inc. of DeKalb, IL in the amount of \$60,581.40.

### **ATTACHMENT(S)**

- Sourcewell Pricing Worksheet
- Vehicle/Equipment Evaluation Form
- Equipment Replacement Justification