

VILLAGE OF HOMEWOOD



BOARD AGENDA MEMORANDUM

DATE OF MEETING: March 10, 2026

To: Village President and Board of Trustees

Through: Napoleon Haney, Village Manager

From: Joshua Burman, Director of Public Works

Topic: Purchase Approval/ Contract – Six (6) New Radar Speed Signs and Installation by Meade Electric

PURPOSE

Staff is requesting Village Board approval for the purchase of six (6) solar powered radar speed signs from Elan City of New York City, NY in the amount of the amount of \$21,555 dollars for use at various locations within the Village, and to authorize a contract with Meade Electric of Willowbrook, IL in the amount of \$23,580, to install the signs. These signs will be deployed in areas with documented speeding concerns to improve driver awareness and enhance roadway safety.

Following the success of the recently installed radar speed signs on 183rd and 187th Streets, and the resulting improvements in speed compliance and public safety, the Police Department is proposing to expand this initiative to additional key locations throughout the community.

At its December 9, 2025 meeting, the Village Board approved a \$70,000 budget amendment to fund the purchase and installation of additional radar speed signs. This funding allowed the project to move forward, pending final approval.

PROCESS

The Police Department conducted a thorough evaluation of multiple radar speed sign vendors and models to ensure product reliability, strong data capabilities, and dependable long-term support. Several alternative products were fully vetted through technical reviews and reference checks.

Elan City's EVOLIS Vision signs, previously installed on 183rd and 187th Streets, have proven to be effective, reliable, and user-friendly. Based on performance and ease of operation, they have become the Homewood Police Department's preferred radar speed sign solution. The signs records traffic statistics in both directions including vehicle count, average and maximum speeds and time stamps enabling local-road analysis that can be used in decision-making and the allocation of resources for a particular roadway or stretch of roadway.

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Following the success of the initial installation, the Department obtained a second proposal from Elan City for six (6) EVOLIS Vision radar speed signs. The proposal includes solar panels, battery packs, 4G connectivity, and two-year data subscriptions. The total quoted cost is \$21,555, which covers all equipment, accessories, a promotional discount, and express delivery.

Public Works proposes to use Meade Electric, the Village's current traffic signal and street lighting contractor, to furnish all necessary labor, materials (such as poles, foundations, and wiring), and equipment to install the six (6) signs at locations selected in coordination with the Police Department based on trend data and complaint records. The total cost for this purchase is \$23,580. Installation would be scheduled following equipment delivery and Board approval. Public Works and the Police Department will coordinate exact placement, power/solar orientation, and startup testing for each sign.



OUTCOME

Approval of this item will result in the purchase and installation of six (6) permanently mounted radar speed signs at key locations in the Village, where they will display vehicle speeds, provide a clear visual reminder for motorists to slow down, and collect traffic data to evaluate and refine traffic-calming efforts over time. These devices are expected to improve roadway safety and reduce speeding, while also providing staff and the Police Department with better information to communicate actual conditions and measure the effectiveness of enforcement.

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FINANCIAL IMPACT

- **Funding Source:** General Capital Fund
- **Budgeted Amount:** \$70,000.00
- **Cost:** \$45,135.00

LEGAL REVIEW

Not Required

RECOMMENDED BOARD ACTION

Approve the purchase of six EVOLIS Vision radar speed signs and associated equipment from Elan City of New York City, NY in the amount of \$21,555; and, authorize the Village Manager to execute a contract with Meade Electric of Willowbrook, IL in the amount of \$23,580 for installation of the signs at locations approved by staff.

ATTACHMENT(S)

- Elan City quote
- Meade Electric Proposal