

VILLAGE OF HOMEWOOD



BOARD AGENDA MEMORANDUM

DATE OF MEETING: April 22, 2025

To: Village President and Board of Trustees

Through: Napoleon Haney, Village Manager

From: Terence Acquah, Assistant Village Manager

Topic: Budget Amendment for Village Security Camera System Project

PURPOSE

Staff requests for the Village Board to approve a budget amendment for the Village Security Camera System Project that was awarded to Imperial Surveillance, Inc. of Arlington Heights, IL at the February 25, 2025 Village Board meeting. The impetus for the amendment is to cover the additional costs to include a vital site that was omitted from the *Phase 1 Installation* of the Village Security Camera System Project and to address recently realized connectivity issues.

PROCESS

During the initial planning phase of the Village Security Camera System Project, it was assumed the Village's existing servers could support all of the listed camera locations for the project, including:

- Village Hall
- Village Hall Parking Lot
- Public Works Department
- Water Plant
- 183rd & Stewart
- Pump House #2
- Booster Pump Station
- Brian Carey Training Center
- Science Center

However, after the contractor's on-site walkthrough, it was quickly determined that this would not be feasible. To enable centralized viewing of all camera feeds, a separate link to access the cloud-service will be necessary for the following sites: Water Plant, Water Tower West, Pump House #2, Booster Pump Station, and the Village Hall Parking Lot. The costs for these additional "cloud link" subscriptions will be covered by the budget amendment. Once these locations are connected to the cloud, all camera feeds can be integrated and accessed from any authorized location.

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Additionally, the original project scope included the installation of a camera in the Village Hall Parking Lot near the transformer pad. Unfortunately, the scope did not account for the required cabling infrastructure needed to support the operation of this new camera. Since there is no existing camera or wiring in place, a solution was needed to establish connectivity for this proposed camera.

Two options were considered:

1. Install new cabling infrastructure from the parking lot to the Police Department.
2. Install a point-to-point antenna. This more cost-effective solution involves mounting a directional antenna on the camera to establish a direct wireless connection with the Police Department.

The preferred option for this parking lot camera is to install a point-to-point antenna. A point-to-point antenna is a type of wireless setup that forms a secure, high-speed connection between two fixed locations—essentially creating a virtual “data bridge” without the need to install underground fiber cables. This approach allows the Village Parking Lot and the Police Department to share a reliable and secure internet connection, ensuring camera footage is accessible in real-time.

OUTCOME

Approval of this budget amendment will ensure that the Village will be able to access all camera feeds from a centralized location, including full coverage of the Village Hall parking lot. Even with the approved budget amendment, the project remains under budget by \$14,803.66.

FINANCIAL IMPACT

- **Funding Source:** General Capital
- **Budgeted Amount:** \$230,000.00
- **Initial Award Amount:** \$181,946.74
- **Requested Budget Amendment:** \$33,249.60
- **Total Project Cost After Amendment:** \$215,196.34

LEGAL REVIEW

Not Required

RECOMMENDED BOARD ACTION

Approve a budget amendment of \$33,249.60 from General Capital to the general fund for the Village Security Camera System Project; and, approve a change order with Imperial Surveillance, Inc. of Arlington Heights, IL, for the inclusion of an additional camera site to Phase 1 of the Village Security Camera System Project and to cover the cost of additional cloud link subscriptions to remedy connectivity issues.

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ATTACHMENT(S)

- Change order
- Request for Proposal
- Imperial Surveillance proposal