

VILLAGE OF HOMEWOOD



BOARD AGENDA MEMORANDUM

DATE OF MEETING: July 14, 2026

To: Village President and Board of Trustees

Through: Napoleon Haney, Village Manager

From: Joshua Burman, Director of Public Works

Topic: Purchase Approval - 2027 International HV607 Snow Plow Truck Chassis

PURPOSE

Periodically, the Village of Homewood must replace critical equipment and vehicles that reach the end of its useful life. Each year, staff conducts a comprehensive evaluation of the Village's fleet and compiles a list of recommended replacements based on the American Public Works Association (APWA) Fleet Management guidelines. As part of the budget process, staff identified the need to replace snow plow truck #33, a 2011 International 7400 CDL truck. The vehicle has exceeded its service life and experienced extensive use, along with increasing maintenance needs.

Staff is requesting Village Board approval to purchase one (1) 2027 International HV607 chassis from Rush Truck Centers of Springfield, IL for a total purchase price of \$116,526. Staff also requests that the Village Board waive competitive bidding, since the purchases will be made through a joint governmental or cooperative purchasing program. Cooperative purchasing allows the Village to secure competitively solicited pricing while expediting procurement timelines. On a truck, the chassis is the foundational structure or main "skeleton." It consists of the metal frame along with the essential mechanical components required to make the vehicle move—such as the engine, cab (interior) transmission, axles, suspension, and wheels. Typically, a chassis must be “upfitted” with the desired amenities (dump bed, hydraulic lift system, electronics, etc.).



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PROCESS

The heavy-duty truck fleet operated by the Public Works Department is critical to maintaining year-round municipal operations and service delivery. These vehicles support a wide range of essential operations, including roadway and utility repairs, storm response, tree removal, flood mitigation, traffic control, road maintenance, winter snow and ice operations, and the transport of materials and debris. Public Works staff depends on this fleet daily to efficiently and safely provide vital services that keep the community operating and residents protected.

As previously discussed with the Board, Public Works prefers purchasing heavy-duty truck chassis in pairs whenever feasible to maintain fleet consistency, simplify maintenance, and improve long-term equipment planning. Following the manufacturers initial announcement that the 2026 order bank had closed, the manufacturer delayed implementation of the new 2027 EPA heavy-duty diesel emissions standards and temporarily reopened the 2027 model year order bank for a limited period. This unexpected opportunity allows the Village to purchase one additional 2027 International HV607 chassis before production transitions to the new emissions platform.

The delay provides the Village the opportunity to continue standardizing its fleet utilizing the proven platform while avoiding the uncertainties commonly associated with the first production year of new emissions technology. Procuring another HV607 chassis also continues the Village's long-term fleet replacement strategy by maintaining a standardized heavy-duty truck platform, reducing parts inventory, simplifying technician training, improving maintenance efficiency, and increasing operational flexibility throughout the fleet.

The 2027 EPA standards introduce substantially stricter diesel emissions requirements, including lower allowable nitrogen oxide (NOx) emissions, expanded emissions monitoring systems, and increased emissions-related warranty requirements. Historically, first-generation emissions systems have experienced operational and maintenance challenges during initial implementation as manufacturers work through software updates and system refinements.

Due to the Village's reliance on these vehicles for critical daily operations and winter response, staff believes it is prudent to avoid becoming an early adopter of first-year 2027-compliant equipment until the technology has been further proven in real-world operations.

Vehicle	Model Year	Make (International)	Age
#35	2020	HV507	5 years
#37	2020	HV507	5 years
#33	2011	7400	15 years
#36	2026	HV607	NEW
#38	2026	HV607	NEW
#39	2026	HV607	NEW

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The 2027 International HV607 truck chassis was selected as the replacement for Truck #33 to maintain consistency within the Village's existing fleet. At the July 22, 2025 Board meeting, the Board approved the purchase of two (2) International HV607 chassis and another HV607 chassis was approved during the May 26, 2026 Board meeting. Truck #33 is proposed to be built to similar overall specifications to support operational consistency, maintenance efficiency, and parts compatibility across the fleet.

Public Works anticipates returning to the Board at a later date for approval of the truck equipment upfitting package, similar to the equipment on trucks #36, #38, and #39. Proposed enhancements include increased pre-wetting salt capacity (240 gallons versus the current 150-gallon capacity) and provisions for future wing plow installation to further enhance winter operations and snow removal efficiency.

Upfitting approval is not being requested at this time. Staff needs additional time to evaluate the potential design changes and operational improvements identified during the buildout of trucks #36 and #38, which may be incorporated into this new truck.

Vehicle	Chassis Price	Future Equipment & Upfitting	Total Cost
#33	\$116,189	To be evaluated and brought to a future Board meeting	\$116,189
		License & Title Fee	\$ 337
			\$116,526

The Public Works Department anticipates delivery of the chassis from Rush Truck Center in November or December 2026.

OUTCOME

Replacing truck #33 will decrease maintenance cost, demonstrate a commitment to sustainability, and increase safety and operational excellence that Village residents expect.

FINANCIAL IMPACT

- **Funding Source:** General Capital
- **Budgeted Amount:** \$1,000,000 (Vehicle and Equipment Replacements)
- **Total Cost:** \$315,000, the anticipated total cost including upfitting
- **Cost of Chassis:** \$116,526

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) 2027 International HV607 chassis from Rush Truck Centers of Springfield, IL for a total purchase price of \$116,526.

ATTACHMENT(S)

- HPW Equipment Replacement Justification
- Rush Truck Center Chassis Proposal