



*We Still Make House Calls!*

# East Montpelier Fire Department

54 Village Acres, East Montpelier, VT 05651

PO Box 146, East Montpelier, VT 05651

Non-Emergency: 802 225 6245 | Emergency: 911

## Cardiac Monitor Replacement

The EMFD Board of Directors has approved a capital project to replace the department's frontline cardiac monitors. Approval from the Select Boards is requested to authorize the department to utilize the ZOLL Medical Corporation's 36-month, 0% financing program using existing capital funds.

### Why Is Replacement Necessary?

The department's current Lifepak 15 cardiac monitors are entering the later stage of their operational life cycle and no longer support several capabilities now expected of frontline EMS agencies in Vermont.

These monitors are mission-critical equipment used during all medical emergencies, but most significantly: cardiac dysrhythmia or arrest, acute chest pain suggestive of myocardial infarction, respiratory compromise, and patients with significant mechanisms of injury or altered mental status where continuous Advanced Life Support monitoring is indicated.

Replacing them now will ensure our crews have reliable, life-saving equipment, maintain compliance with evolving standards, improve interoperability with regional partners, and reduce the operational risks associated with aging equipment and increasing service demands.

### Equipment Selected

After reviewing available platforms, we selected the ZOLL X Series Advanced monitor/defibrillator, a widely used and field-proven system used by many EMS agencies throughout Vermont and the region.

Key capabilities include transmission of ECGs directly to receiving hospitals, cloud-based data integration for reporting and quality assurance, and SpCO monitoring



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for carbon monoxide exposure. These features improve both patient care and documentation accuracy.

### Financial Structure

The project will be completed through ZOLL Medical Corporation's financing program, allowing the purchase to be spread across three years.

- Total Project Cost: \$94,600 (after trade-in)
- Financing Term: 36 months
- Interest Rate: 0%
- Estimated Monthly Payment: approximately \$2,628

This approach avoids a single large capital expenditure and allows predictable budgeting using existing capital funds.

### Operational Impact

This project replaces aging equipment with modern, compliant technology necessary to maintain the current level of emergency medical service provided to residents of East Montpelier and Calais.

### What Happens if We Wait?

Delaying this purchase would likely result in higher costs and increased operational risk.

- Loss of current trade-in value for the existing Lifepak 15 monitors



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- Expiration of ZOLL's 0% financing program, potentially requiring a higher-cost purchase structure
- Increased maintenance and repair costs as the current monitors continue to age
- Continued use of equipment lacking capabilities now expected of Vermont EMS services

Approving the project now allows the department to secure favorable financing, maximize equipment trade-in value, and ensure reliable lifesaving equipment remains in service.

### Requested Action

Approval from the Select Boards will authorize the department to purchase two ZOLL X Series Advanced cardiac monitors utilizing ZOLL's 36-month, 0% financing program with trade-in of existing Lifepak 15 monitors.

Respectfully Submitted,

Kaden Giroux  
Deputy Chief of Emergency Medical Services  
East Montpelier Fire Department

March 5, 2026