



Livingston County

911 Central Dispatch

300 S. Highlander Way
Howell, Michigan 48843
Telephone 517.546.4620
Fax 517.546.5008



Kecia S. Williams
911 Director

Amy D. Pasienza
911 Deputy Director

Memorandum

To: Livingston County Board of Commissioners

Fr: Kecia S. Williams, Director of 911

Date: March 27, 2023

Re: Resolution Authorizing Maintenance Work to be Completed at the VHF Paging Tower Sites

The original VHF Paging System for the Livingston County Fire Departments and EMS was installed in the early 1970s to allow those disciplines to receive alert tones, as it is their method of notification for incoming calls for service. Update/upgrade of the system came in year 2012, since then there has not been consistent maintenance work done and as a result in September 2022, the VHF Paging System failed, but with the assistance of multiple communication entities, and the Livingston County IT Department, the system was back up and running within 16 hours.

The work done was vital to system operations, however, more work needs to be done to become R56 compliant. R56 compliance is a communications industry standard developed and maintained by Motorola Solutions, who employs contractors that are qualified to meet this industry-specific standard and who have already completed work on three tower sites (Deerfield, Fowlerville, Green Oak). However, they are unable to go any further as the other sites have multiple electrical/grounding issues that costs more than what can be signed off on without Board approval.

Since the maintenance work has already been initiated with Motorola, I am requesting to continue to use them as a Sole Source vendor. Motorola is a current county vendor and because the work needing to be done is specialty work as the vendor must be well-versed in the best practices for grounding and wiring standards relating to fire codes, electrical codes, constructions codes, tower grounding and lighting code protection as it relates to the communications industry. Proper maintenance is needed to ensure optimal performance to prevent costly outages and to extend the longevity of the VHF tower equipment.

Kecia S. Williams, Director of 911

"Building Excellence through Emergency Communications"

