

MEMORANDUM

TO: Steve Ehlmann, County Executive

FROM: Jeff Smith, Director Emergency Communications

RE: STARRS Sub-Award for Microwave Router Upgrades

DATE: February 28, 2019

Attached for your consideration for routing to the County Council for approval via ordinance, is a Sub-Award amendment between St. Charles County and STARRS (St. Louis Area Regional Response System). The County's Digital P25 Emergency Radio System and Microwave System was original purchased and installed by authorization of Ordinance 11-103, passed November 28th, 2011.

These systems are used for day-to-day public safety and public works communications by all County Departments and Municipalities located within St. Charles County. Certain components of the Microwave System are approaching end of serviceable life. This is problematic from both a system reliability and serviceability standpoint. It is vital that we update these components to ensure the continued level of coverage and system reliability our end-users deserve and come to expect. Receipt of this STARRS sub-award in the amount of \$99,693.50 will fund 100% of the installation of the upgrade components, and a portion of the upgrade components themselves. St. Charles County will be responsible for funding the remaining \$180,573 cost of for the components. It is anticipated that performing these upgrades will add an additional 5 to 10 years of Serviceable Life to our Microwave System.

This project is being coordinated with our regional Microwave System Partners (Jefferson County, St. Louis County, and the City of St. Louis in Missouri and Madison County, St. Clair County and Monroe County in Illinois) as each will be performing the same upgrades to their owned components.

Please contact my office should you have any questions regarding this matter.