

CLEAR CREEK COUNTY SHERIFF'S OFFICE
04.04.2023 Tower & 911 Communications Projects
Budget Hearing





Tower & 911 Communications Projects Budget Hearing



The following projects and/or repairs were previously budgeted and approved by the Communications Advisory Board (CAB). Changes to IT and at direction of the County Manager / BOCC, the projects have been delayed for BOCC approval. All projects would be required regardless of Public Safety Answering Point (PSAP). The projects are considered public safety critical infrastructure.



Tower & 911 Communications Projects Budget Hearing



Project: Microwave Upgrade Project – Phase 2

Approval: Yes – CAB approved

Status: In Progress

Expected Completion Date: Summer 2023

Critical Infrastructure: Yes

Appropriation: \$20,560.00

This upgrade project is scheduled to be completed in the summer of 2023, as part of a larger project in association with the State of Colorado for a simultaneous upgrade to 240plus microwave sites across the State of Colorado. Due to supply chain issues, it is critical to order this equipment as soon as possible. This is a sole source acquisition due to proprietary equipment for the Motorola radio system. If there is a delay on this project, additional resources, personnel time and costs could be incurred due to weather and the need to utilize the snowcat to access the sites. This is a critical infrastructure to ensure the radio system continues to operate.



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Project: End of Life Radio Replacement Program

Approval: Yes – CAB approved

Status: In Progress

Expected Completion Date: Continuous - Multi-year project

Critical Infrastructure: Yes

Appropriation: \$36,159.65 budgeted expenditure for CY 2022

This program provides for a phased replacement of portable radios used by Clear Creek County Public Safety-first responder agencies including Sheriff's Office, Clear Creek Fire Authority, EMS and all municipal law enforcement. This program is what was presented to the Public Utilities Commission to adjust our 9-1-1 fees. These radios that are currently in use are past end of life and now obsolete. By purchasing radios that utilize the same platform, share batteries, speaker/microphones, fire department SCBA masks, chargers and medical equipment. This will reduce the overall cost and have compatibility with our existing use.



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Project: Saxon Repeater Repair

Approval: Yes – CAB approved

Status: In Progress

Expected Completion Date: TBD

Critical Infrastructure: Yes

Appropriation: \$8,680.00

Emergency repairs of the repeaters on Saxon Mountain, both NW RED and NW BLUE. This repair has been started as it is critical. We owe Motorola for the work already done, plus the replacement boards. This was a failure of two of the repeaters on VHF. The repeaters that are being affected are mutual aid. They are used when we have mutual aid come into our area in the case of a fire (example York Gulch structure fire), medical, or scaled up law enforcement action. Immediate request that we approve the finishing of these repairs and get replacement boards. This would have come out of the budget for repairs in the non-restricted funds from 9-1-1. Cost \$8,680.00 This is a safety concern for critical infrastructure communications.



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Project: Motorola Service Agreement

Approval: Yes – CAB approved

Status: Annual Renewal

Expected Completion Date: Continuous, Annual Service Agreement

Critical Infrastructure: Yes

Appropriation: \$18,494.56

Security Update Service Agreement covers Motorola equipment for cybersecurity protection. Motorola equipment and protection includes all dispatch consoles, support terminal switches, recording equipment, and servers. The State DTR System interacts with our equipment and as like the County, both must remain cybersecurity protected and updated. The agreement includes software update, on-site maintenance to included Motorola equipment, monitoring, and upgrade implementation.



Closing Comments



The Sheriff's Office continues to provide meaningful and fiduciary responsible public safety infrastructure to the Clear Creek County. While continuing research of best future PSAP, it is vital not to risk critical infrastructure or reduce public safety services.

These services do come at a cost that should not diminish any value or services to all citizens in Clear Creek County, regardless of residential status (resident vs. non-resident).

We are part of the Clear Creek County family. Consequently, as we do our part, we ask that other revenue generating options be explored. Fiscal cuts are clearly not enough. Furthermore, any cuts will result in reduced public safety services.

Further revenue streams should be evaluated and implemented to assist in non-resident, tourism, grant funding, and other options be vetted to improve revenue without over-taxing residents.

Questions?
Next steps!