

**Unincorporated Patrol – Decreased Response Times: \$360,000 (One-time) and \$6,000,000 (On-going)**

The Contra Costa County Office of the Sheriff is the largest law enforcement agency in the County, with over 1,100 sworn and professional civilian employees tasked with providing the highest level of service to our community. Staff are responsible for delivering emergency and law enforcement assistance to over 1.1 million citizens across a county that exceeds 715 square miles. Because of the considerable geographic expansion of its field operations responsibilities and the comparatively heavy urban populous that encompasses the County, the Office of the Sheriff has sizeable responsibilities that include unincorporated area policing, contract cities and special districts, and a wide-range of specialized divisions, units, and teams to respond to and address the ever-evolving needs of the community.

The Office of the Sheriff Patrol Division is responsible for managing four main station houses positioned at key locations across the five Supervisorial Districts of the County.

Bay Station	West County (Richmond)	Districts I & V
Muir Station	Central County (Martinez)	Districts IV & V
Delta Station	East County (Brentwood)	District III
Valley Station	Central County (Alamo)	District II, III, & IV

The operational throughput among these stationhouses is backed by managerial, supervisorial, and line personnel who are assigned to respond to calls for service, proactively prevent crime, address various quality of life issues, and attend community meetings to best dialogue and understand the needs of the given communities in their respective response areas.

One of the foremost challenges in service delivery continues to be related to staffing and its direct correlation to response times in effectively meeting the immediate needs of the community, especially in times of crisis. A five-year analysis of response to Priority 1 calls yielded an average response time of 14 minutes 21 seconds. Most national sources analyzing law enforcement response times cite approximately 10 minutes as an average response, with many municipal police departments averaging 5–6-minute response times for in-progress Priority 1 calls. Due to a stretched geographic span and limited staffing, the Office of the Sheriff has been comparatively challenged with lessening its 12-14-minute average response times for Priority 1 calls throughout the years.

The lowest income communities in Contra Costa County, representing the most underserved populations, are in North Richmond, Rodeo, Montalvin, Bay Point, Bethel Island, Byron and Saranap. Citizens in these areas largely report the same community concerns including homelessness, thefts, and extended response times of the police. By adding additional deputies designated to serve marginalized and vulnerable citizens in the most underserved areas, the quality-of-life concerns can be addressed. Additional units serving in the communities will also decrease response times.

Furthermore, integrating detectives directly within the stationhouses will allow the detectives easier access to community members who have been victimized. Detectives assigned to stationhouses will also increase communication between patrol deputies and investigative personnel, leading to holistic action plans to prevent crime and address community needs.

Finally, the need for supervisors to be located at the work sites and immediately available to those they supervise is a principal component to ensuring proper oversight and efficient workflow. Direct supervision at the field level is clearly crucial for heightened Patrol operations' service delivery. The sergeant currently assigned to a given shift is frequently unable to provide in-person visible supervision in the field due to supplementary responsibilities at the stationhouse, for example, administrative scheduling and reviewing reports. Assigning dual-role administrative supervisory positions to each of the four stationhouses and at the main divisional headquarters of the Investigation Division would allow the field sergeants to be deployed properly back out in the field to directly supervise their subordinate personnel.

On July 7, 2021, the Office of the Sheriff presented recommendations of additional patrol deputies, detectives, and sergeants to the Measure X Community Advisory Board. The additional positions included:

- Additional beat car assigned to the following areas with 24/7 coverage: Montalvin Manor, Rodeo/Crockett, Saranap, Bay Point, and Byron. This equates to 25 deputy FTE positions.
- Four detectives (deputy sheriff FTE positions), one assigned to each stationhouse.
- Five sergeant FTE positions, one assigned to each stationhouse for administrative oversight, and one assigned to directly supervise the four stationhouse detectives.

#### Deccan LiveMUM

The LiveMUM (Live Move-Up Module) from Deccan International is a real-time, dynamic software application that provides coverage monitoring, alerting, and recommendations for the closest patrol unit to respond to an incident. The system provides emergency dispatchers with automated, optimal recommendations while simultaneously allowing them to continuously monitor and identify gaps in coverage.

LiveMUM tracks each patrol unit's status, location, and incident assignment. This allows the program to instantaneously recommend optimal and practical unit relocations that reflect the department's custom coverage policies. All patrol units are currently equipped with Getac mobile data computers with GPS capabilities to integrate with the LiveMUM system.

On July 7, 2021, the Office of the Sheriff presented a recommendation to implement the Deccan LiveMUM project to the Measure X Community Advisory Board. The LiveMUM system provides the following benefits:

- Decreased response times by dispatching the geographically closest unit
- Improves situational awareness for Dispatch and Patrol staff
- Allows for customization to follow coverage policies of the Office of the Sheriff
- Integrates seamlessly with CAD
- Provides immediate alerts regarding coverage gaps

The Sheriff's request included \$360,000 in one-time funding and \$10,501,000 in on-going funding. The Deccan LiveMUM system has a one-time cost of \$360,000 for implementation and integration with current equipment and policies and an annual ongoing cost of \$140,000. The Sheriff also requested 34 additional sworn staff for unincorporated patrol, which included 29 deputy sheriff and 5 sergeant

positions. The annual cost of each deputy sheriff and sergeant position is \$298,800 and \$339,200, respectively. The annual ongoing costs for the additional positions at this staffing level is \$10,361,000.

**Recommendation:**

The County Administrator's is recommending funding the initial set-up (\$360,000) and on-going costs (\$140,000) for the Deccan LiveMUM system. Also recommended is funding for approximately 15 deputy sheriff and 4 sergeant positions (\$5,860,000). The total on-going allocation is recommended at \$6,000,000 to provide decreased response times to critical incidents in the unincorporated County.