

Transportation, Infrastructure, and Capitals Appropriations Subcommittee Presentation

February 3, 2021

Commissioner Stephan K. Bayens
Iowa Department of Public Safety
Oran Pape Office Building
215 East 7th Street
Des Moines, Iowa 50319-0049





Iowa Statewide Interoperable Communication System – \$4,114,482

The Department of Public Safety requests \$4,114,482 to maintain the ISICS radio system. This amount covers the sixth lease/purchase contract installment, necessary leases, and maintenance costs. The remaining costs are paid from the Road Use Tax Fund and Primary Road Fund. Support of ISICS provides border-to-border microwave-based communication designed to improve public safety efforts across the State.



STATEWIDE NETWORK



ISICS is Iowa's digital communication network. It provides public safety agencies, first responders, schools, and utility workers around the state with unprecedented connectivity. ISICS has grown to reach more than 21,000 radios statewide.

21,521
ISICS Radio Users

INTEROPERABILITY

Public safety communications require the ability for different agencies to communicate clearly and seamlessly with one another. To help facilitate communication with those agencies that have not joined ISICS, the ISICS Board provided grant funded radio equipment to every Public Safety Answering Point (PSAP) in Iowa.

Currently, all 109 PSAPs are connected to the network.





PORTABLE BOMB TECH KITS — \$565,000

The State Fire Marshal is seeking to purchase 11 portable bomb tech kits. Currently, the Bomb Squad has only one complete, yet outdated, tactical bomb tech kit for the entire state. As a tactical tool box in portable backpacks, these kits can easily be deployed at political rallies, dignitary visits, sporting events, and other large gatherings.

- The State Fire Marshal averages more than 100 suspected bomb cases annually, which exceeds the collective call outs of all the other bomb squads in the state. Purchasing bomb tech kits would allow each bomb technician to have their own dedicated equipment.
- Currently our bomb technicians must share individual pieces of equipment that were purchased between 2003 and 2005 with federal grant money. Bomb technicians are currently using outdated x-ray equipment, which are failure prone and do not offer the same level of functionality. X-ray devices are needed to scan possible improvised explosive devices (IEDs) so a plan can be devised to render them safe.



- The portable bomb tech kits include tactical bomb tech tools, a carbon fire disrupter to assist in opening a device, an x-ray machine to scan for possible IEDs, and an x-ray generator which reads the film.
- Not having these bomb tech kits results in bomb technicians having to wait for bomb tech equipment to arrive. The possibility of such a delay could be catastrophic should a detonation occur.

INVESTIGATION RESPONSE, ANALYSIS AND COLLECTION TOOLS FOR LAW ENFORCEMENT PARTNERS — \$212,000

The Division of Intelligence is seeking to purchase investigative response, analysis, and collection tools. These tools would assist investigators with lead development and the collection of evidence.

- Advanced intelligence-gathering tools include digital analysis software, surveillance camera systems and recording devices.
- The Division of Intelligence supports all divisions within the Department of Public Safety (DPS), as well as other local, state, and federal law enforcement agencies in Iowa. This support includes maintaining an inventory of specialty equipment that can be loaned to these agencies to support their criminal investigations and promote public safety throughout Iowa.



- Existing inventory of specialty equipment is aging and needs to be updated to meet current technology requirements, as well as the needs of DPS and our local, state and federal partners.
- Intelligence equipment is continuously in high demand. In 2018 and 2019, there were a total of 430 deployments of this equipment to our law enforcement partners throughout the state.



IOWA STATE PATROL EMERGENCY RESCUE VEHICLES — \$232,500

The Iowa State Patrol operates four tactical units across Iowa. These teams are frequently requested to assist with high-risk search or arrest warrants, hostage situations with armed hostage takers, and barricaded fugitive arrests. The Patrol often conducts operations in rural areas where the cost of an emergency rescue vehicle is cost prohibitive for smaller agencies. We are requesting funding over two years to procure two emergency rescue vehicles — one assigned to serve northeast Iowa and the other to serve western Iowa.



HIGH RISK — HIGH REWARD MISSIONS



Staging emergency rescue vehicles in each of the four Iowa State Patrol tactical areas, will make response time practical

and would allow our tactical units to assist other law enforcement partners with a shortened response time. These emergency rescue vehicles would be used to assist state, federal, county, and local law enforcement agencies with the safe movement of personnel and material through high risk areas in tactical situations. These vehicles would also be used to rescue personnel and citizens who have been wounded or otherwise injured during violent encounters.

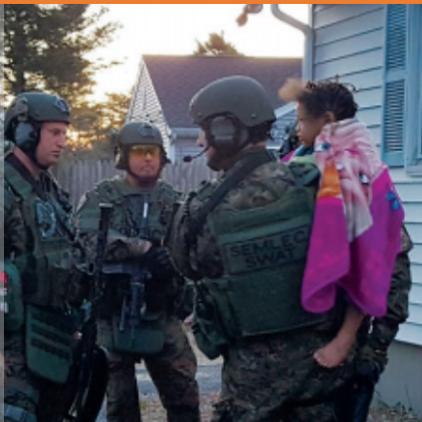
STAGING THE RESPONSE



78

2020 Tactical Team Callouts

During a protracted active shooter event, the presence of an emergency rescue vehicle would enhance the safety of responding law enforcement personnel and would assist in safely evacuating victims.



ISP tactical teams were called out 78 times to support federal, state, and local law enforcement agencies in 2020. The vast majority of those responses related to high-risk operations in rural Iowa.



CRIMINAL HISTORY RECORD SYSTEM — \$600,000

The Department of Public Safety requests \$600,000 to replace its 18-year-old computerized criminal history record system. This system, which contains more than 750,000 criminal history records, has become obsolete. The Department initiated this project in FY2020 utilizing \$700,000 of \$1,200,000 in awarded federal grant monies. Significant progress has been made through the initial research and development phases, however a substantial amount of work remains. The additional funding requested represents the anticipated remaining costs to complete the project.



UPGRADING IOWA'S CRIMINAL RECORDS

Iowa's current criminal history records system is **over 18 years old and can no longer be upgraded or repaired without significant cost.** The criminal history files maintained by DPS are relied upon by the criminal justice system for investigations, criminal prosecutions and parole decisions. Within the private sector, this data is used by the healthcare, childcare, and education industries to conduct background checks on prospective employees.



2003	2008	2013	2018
2004	2009	2014	2019
2005	2010	2015	2020
2006	2011	2016	
2007	2012	2017	

18
years of
service

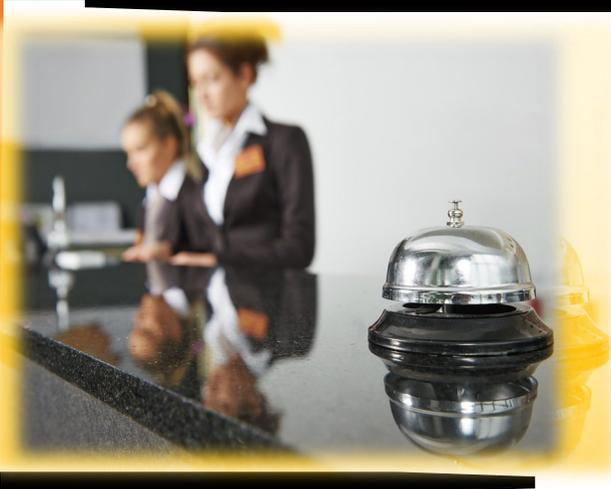
BENEFITS OF A MODERN SYSTEM

1. Increased efficiency with less manual data entry.
2. Quicker responses to dispositions (expungements, dismissals, deferred judgements, sealing).
3. Enhanced auditing as files can be reviewed daily rather than annually.
4. Added flexibility when legislative changes occur.



HUMAN TRAFFICKING PREVENTION TRAINING AND CERTIFICATION —\$98,000

Beginning January 1, 2022, Iowa House File 2259 will require lodging providers who do business with the State of Iowa to obtain a certification from the Department of Public Safety demonstrating their completion of human trafficking prevention training and reporting for all employees. The training may be developed and delivered to lodging providers by the Office To Combat Human Trafficking, a governmental agency or non-governmental or community organization with expertise in human trafficking.



CORE TRAINING CONTENT

<p>The difference between labor trafficking and sex trafficking</p>	<p>How to report suspected human Trafficking</p>
<p>An overview of state law on human trafficking, as well as the definition of human trafficking and the commercial exploitation of children</p>	<p>How to recognize:</p> <ul style="list-style-type: none"> • Potential human traffickers • Potential victims • Activities commonly associated with human trafficking

“Iowa has a unique perspective on the human trafficking problem given our location and infrastructure, but together we can provide employees with the knowledge to quickly and accurately identify and respond to human trafficking in the lodging industry.”

DPS Commissioner
Stephan Bayens



Certification is valid for three years from the date the DPS certification is issued.

For more human trafficking resources, visit the Iowa Office to Combat Human Trafficking:

<https://dps.iowa.gov/divisions/intelligence/human-trafficking>

1,011
lodging providers in Iowa

The Iowa Department of Public Safety will be responsible for providing training, a certification process, and maintenance of a public website identifying those lodging providers that have completed the required training.



ORACLE DATABASE APPLIANCE REPLACEMENT — \$280,000

The Administrative Services Division requests replacement of the Department’s primary hardware that houses Oracle database servers and storage for mission-critical critical information.

- The Department currently operates two Oracle Database Appliances (ODAs) that have met their end-of-support. Future ODAs would house mission critical databases including Computerized Criminal Histories; Sex Offender Registry; Intelligence Systems and Data; DPS TraCS data; MACH for DPS, DOT and local law enforcement statewide; the DCI Lab’s Information Management System, Case Management System for the Investigative Divisions, and numerous internal databases.
- Replacing these appliances increases capacity for future growth and significantly reduces risk and resource drain for current operations.
- Replacing the ODAs will also provide hardware and software stability which decreases downtime and reduces power consumption.



Thousands of law enforcement agents and officers access DPS Oracle database servers daily for real-time information and data.



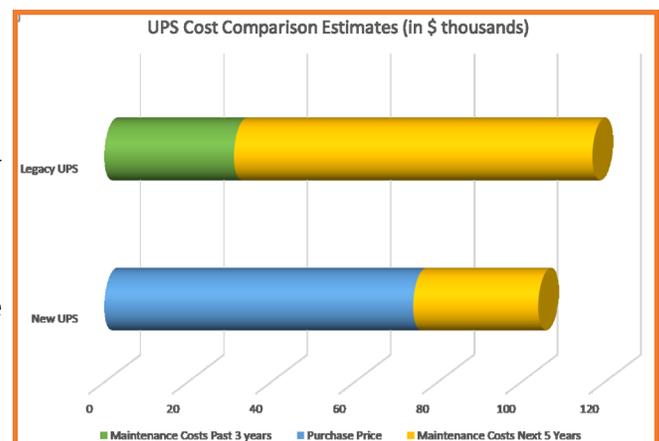
DPS HQ DATA CENTER UPS REPLACEMENT — \$74,000

The Administrative Services Division is seeking to replace its two existing Universal Power Supply (UPS) units providing electrical power to the Department’s datacenter computer servers.

- The UPS units maintained within our headquarters datacenter are those initially installed when the Department relocated from the Wallace State Office Building in 2007. They have approached the end of their useful life.
- Failure to replace the UPS units could cause statewide outages of public safety applications. Replacing one of these units will provide immediate increased performance and power reliability with significant cost savings.



- Cost savings is only a small part of the operational benefit for this replacement. Less quantifiable but vital to note are the risk mitigation improvements that come with this investment.





STRENGTHENING IOWA'S COVID-19 RESPONSE

As the COVID-19 pandemic continues to reshape Iowa, the Department of Public Safety has adjusted operations to undertake additional duties and responsibilities to serve all Iowans. DPS has delivered PPE throughout the State; provided security at remote testing sites; developed cybersecurity tips for citizens; participated in traffic enforcement initiatives; issued weapons permits and provided guidance to law enforcement agencies, businesses, and the general public as Governor Reynolds signed executive orders.



Law Enforcement Guidance



PROCLAMATION OF DISASTER EMERGENCY

WHEREAS, the World Health Organization has reported an outbreak of thousands of cases of Novel Coronavirus 2019 (COVID-19) in multiple countries, causing illness and death;

WHEREAS, on January 31, 2020, the United States Department of Health and Human Services declared a national public health emergency; and

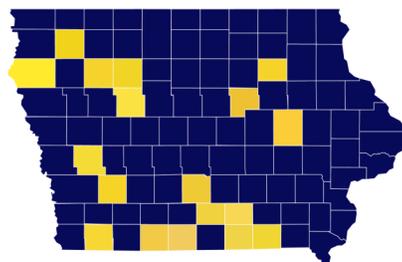
WHEREAS, on March 9, 2020, a Proclamation of Disaster Emergency was issued to ensure the State of Iowa's response to this outbreak and such disaster continues to exist;

WHEREAS, on March 11, 2020 the World Health Organization declared the COVID-19 a global pandemic; and

Governor Reynolds signed more than 34 proclamations over the course of the COVID-19 pandemic. DPS staff reviewed each proclamation and disseminated a synopsis and guidance to local law enforcement agencies and the public.

Topics ranged from gathering restrictions, to weapons permits, to school and business closures, to estimating business occupancy.

All divisions and bureaus of DPS were responsive to Iowa's law enforcement community and the public as each daily challenge emerged.



 PPE Deliveries

The Iowa State Patrol continues to assist the State's Emergency Operations Center by delivering PPE to local hospitals in 81 counties, as well as COVID-19 testing sites, county emergency managers, and others in need across the state. DPS was also proactive in protecting the health and safety of our own employees by aggressively securing PPE for our front line staff. DPS has established the necessary supply chains to procure more PPE as needed, so we can continue to perform our core law enforcement duties as safely as possible.

355
MISSIONS



31,900+ Miles Transporting PPE
Equal to driving LA to NY 13x



Since the inception of the first TestIowa site, DPS worked closely with our local law enforcement partners to staff an officer at all sites throughout the state. DPS remains committed to assisting our state and local partners in ensuring the safety of all Iowans.



Personal Protective Equipment



"Like most Iowans, our personnel were compelled to adjust to the COVID-19 pandemic. We were forced to change how our mission was carried out, but our daily commitment to public safety never wavered. I cannot be more proud of the way we faced this challenge and stood shoulder to shoulder with our First Responder partners in keeping Iowans safe."

**DPS Commissioner
Stephan Bayens**

Traffic Trends YTD

While traffic volumes and fatalities dropped at the pandemic's start, both have risen dramatically. We have also seen a significant increase in dangerous driving behavior. The Iowa State Patrol has remained vigilant, and continues to focus on enforcement initiatives and public education efforts through the creation of a multi-agency Traffic Fatality Reduction Task Force.



PURSUIT

**25+ MPH OVER
SPEED LIMIT**

**100 MPH OR
GREATER**

81%

74%

108%

(12/17/2020 data compared to 4-year avg.)



73%

Permit To Carry

187%

Permit To Acquire

(3/1-12/16/2019 to same dates in 2020)

258

Bomb & Arson callouts since March 1



Crime Trends

While much of Iowa stayed home and limited their interactions, DPS increased their workload and efficiency in many areas of operation. September alone saw a one-month high of 35 death investigations – including 9 officer-involved shootings. Regardless of the challenge...

DPS ANSWERED THE CALL.

MCU DEATH INVESTIGATIONS



21%

(3/1-12/31/2019 to 3/1-12-18/2020)

DCI LAB ASSIGNMENT COMPLETIONS



15%

(4/1-12/15/2019 to same dates in 2020)

DNA RESULTS TURNAROUND

55 Days '20



(4/1-12/15/2020)

218 Days '19



(4/1-12/15/2019)

**1,739
CyberTips**

(Mar. 1-Nov. 20, 2020)



Estimating Occupancy Guidance

As Governor Reynolds reopened certain businesses and establishments with reduced capacity, the Department provided guidance to owners and managers in estimating unofficial occupancy calculations.

