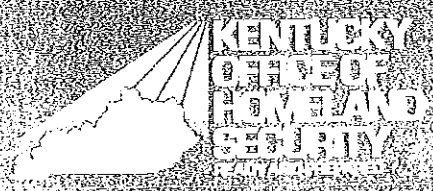
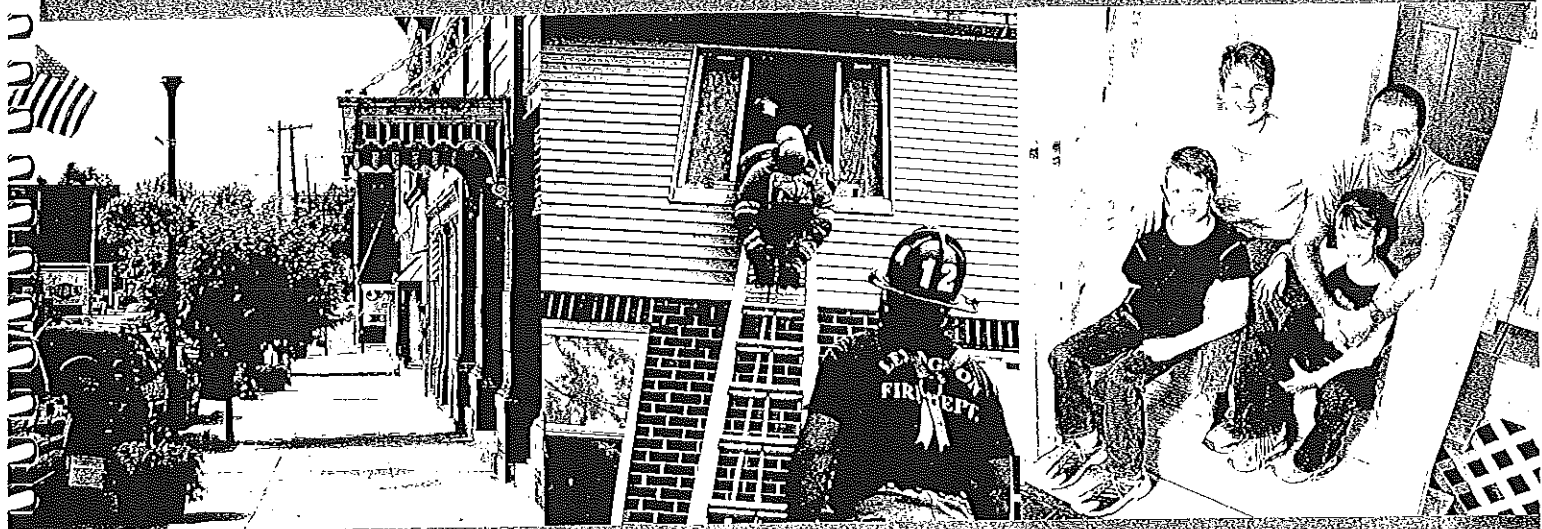
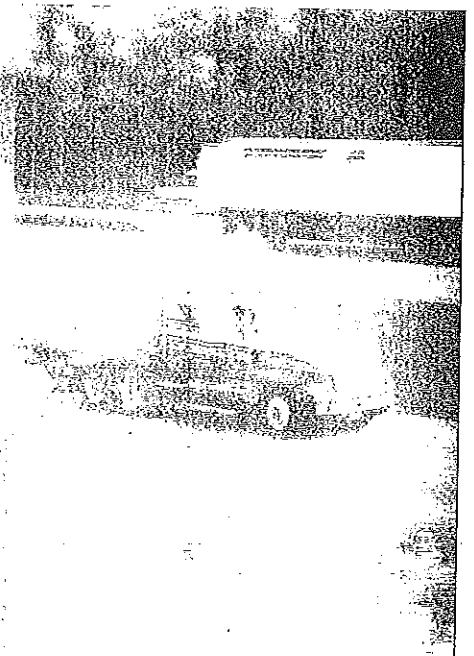


2006 ANNUAL REPORT





PROTECTING KENTUCKY





2006 KOHS ANNUAL REPORT

The Kentucky Office of Homeland Security is striving to promote a Culture of Preparedness throughout the Commonwealth. Guided by a prevention-focused strategy that incorporates both public and private partners, we are strengthening Kentucky's readiness posture against all threats and hazards.

So whether it's a flood, tornado, chemical spill, or if it's a domestic criminal or international terrorist, homeland security plays a vital role. It's all part of the Culture of Preparedness driven by a focus on the safety and security of Kentucky - our Communities, First Responders and Families.





KENTUCKY OFFICE OF HOMELAND SECURITY "BY THE NUMBERS"

2006

- The Kentucky Office of Homeland Security distributed more than \$14.3 million in discretionary funds
- 69 cents of every discretionary dollar went to support First Responder communications capabilities
- Nearly \$13 million was invested in communications equipment for our state's First Responders (includes funding from UCJIS)
- Over \$1.5 million was provided to upgrade Kentucky's 9-1-1 system
- More than 30,000 First Responders attended a homeland security training or exercise
- Kentucky's Citizen Awareness and Outreach campaign touched more than 2 million people through radio and billboard advertising and the preparedness website, www.ProtectYourFamily.ky.gov
- The 2006 General Assembly provided \$2 million to support the data interoperability infrastructure completed in May 2006
- 60 communities received security assessments provided by the Kentucky Community Preparedness Program



FELLOW KENTUCKIANS:

As a physician, I understand that an "ounce of prevention is worth a pound of cure." As Governor, I recognize that prevention is not only the solution to keeping Kentuckians healthy, but also the key to keeping our Commonwealth safe.

In Kentucky, our homeland security priorities are focused on prevention and preparedness. Ensuring that Kentucky is prepared for any emergency is part of my commitment to building a healthier and more prosperous Commonwealth.

As this year marks the fifth anniversary of September 11, it is vital that we again renew our obligation to pursuing a security that is strong, and one that is consistent with our freedoms, our values, and our way of life. For these reasons, we will continue to employ a strong, prevention-focused homeland security strategy that provides our communities, first responders, and families with the resources they need to be prepared.

While we live in a different world than we did five years ago, we are committed to meeting the challenges of the post 9/11 world.

Sincerely,

Ernie Fletcher
Governor



FELLOW KENTUCKIANS:

2006 has been a dynamic and successful year for the continued implementation of Kentucky's homeland security initiatives. While focusing on prevention, we are continuing in our efforts to ensure Kentucky's communities, First Responders and families are prepared for any disaster or emergency.

This year, our office was responsible for the distribution of nearly \$27 million in federal funds. Although our office is a grant agency, that is but only one of the many programs our office is working to implement across the Commonwealth. With a continued focus on emergency communications, community risk assessments, Intelligence Fusion Center, First Responder training and exercise programs and citizen preparedness, I am confident in saying that Kentucky's homeland security resources have been utilized effectively and efficiently, helping us to achieve a greater level of public safety.

We continue to stress the importance and necessity of our public and private preparedness partners. Homeland security is a shared responsibility, and it is not without your help that we may continue to ensure Kentucky is ready and prepared.

Sincerely,

(Ret) Maj. Alecia Webb-Edgington
Executive Director

PREPARING

KENTUCKY'S COMMUNITIES

Kentucky's local communities are the lifeblood and spirit of this Commonwealth. They support the state's widespread commercial infrastructure which features two major international airports, the production of approximately 15% of the nation's electricity, key interstate highways run through two-third of Kentucky's counties, and several large shipping hubs. By working with preparedness partners on all levels of government as well as the private sector and individual Kentuckians, the Kentucky Office of Homeland Security is working to ensure our Communities are prepared.



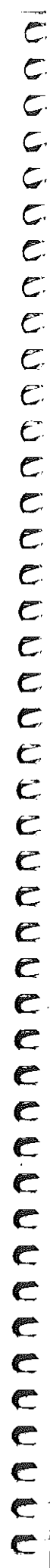
KENTUCKY'S FIRST RESPONDERS

Kentucky is honored by those who, with heroism and selflessness, faithfully serve the people of this Commonwealth each and every day. We are continually inspired by the heroic sacrifices of our firefighters, rescue and law enforcement personnel, military service members, and community volunteers, who in times of crisis provide our communities with unity, focus, and strength. Kentucky's first responders embody our Commonwealth's highest ideals of courage and devotion to duty, and that is why the Kentucky Office of Homeland Security is committed to ensuring our First Responders are properly trained and equipped to preserve the public safety and ensure Kentucky is ready and prepared.



KENTUCKY'S FAMILIES

As our state motto suggests, Kentuckians are accustomed to standing united behind the ideas and issues in which we believe. Nowhere is this more evident, or more important, than the Commonwealth's commitment to ensuring our families are prepared for any emergency -- natural or manmade. By putting into place a statewide awareness campaign that focuses on preparedness and volunteerism, Kentucky is leading the way towards ensuring those who stand on the front lines -- our families -- are prepared.

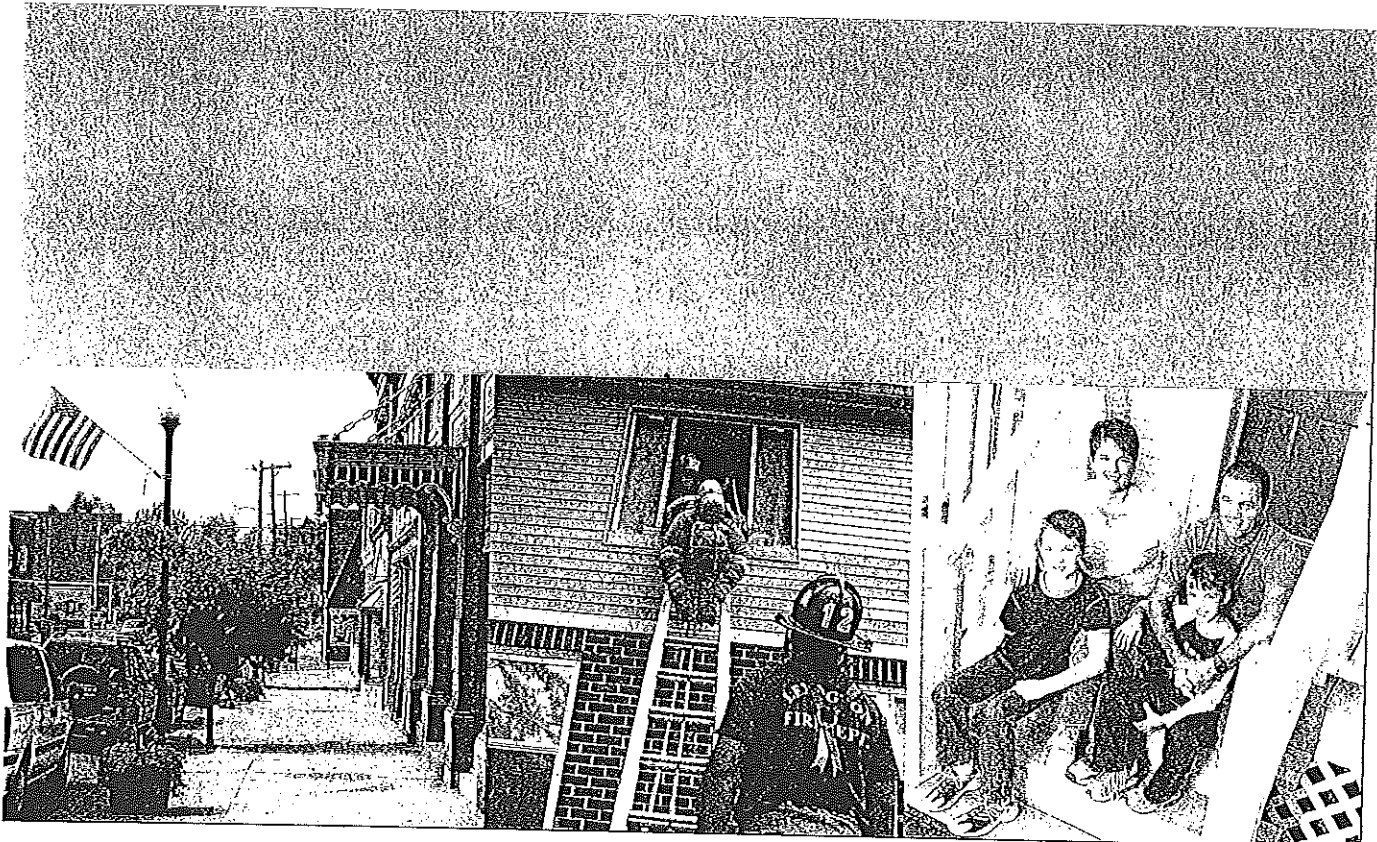


FULFILLING OUR GOALS

ENSURING A READY AND PREPARED KENTUCKY

Kentucky has been blessed with an abundance of natural resources and a hard-working and spirited population. The result is a vast commercial infrastructure and a network of Communities, First Responders, and Families who must be ready and prepared for all emergencies – natural or man-made. Because of these unique assets, it is critical that the Kentucky Office of Homeland Security implement a strong prevention-focused homeland security strategy that embraces a Culture of Preparedness.

As a result, the Kentucky Office of Homeland Security, in collaboration with its many partners, is working to implement forward-thinking strategic programs to meet the Commonwealth's homeland security goals and objectives.



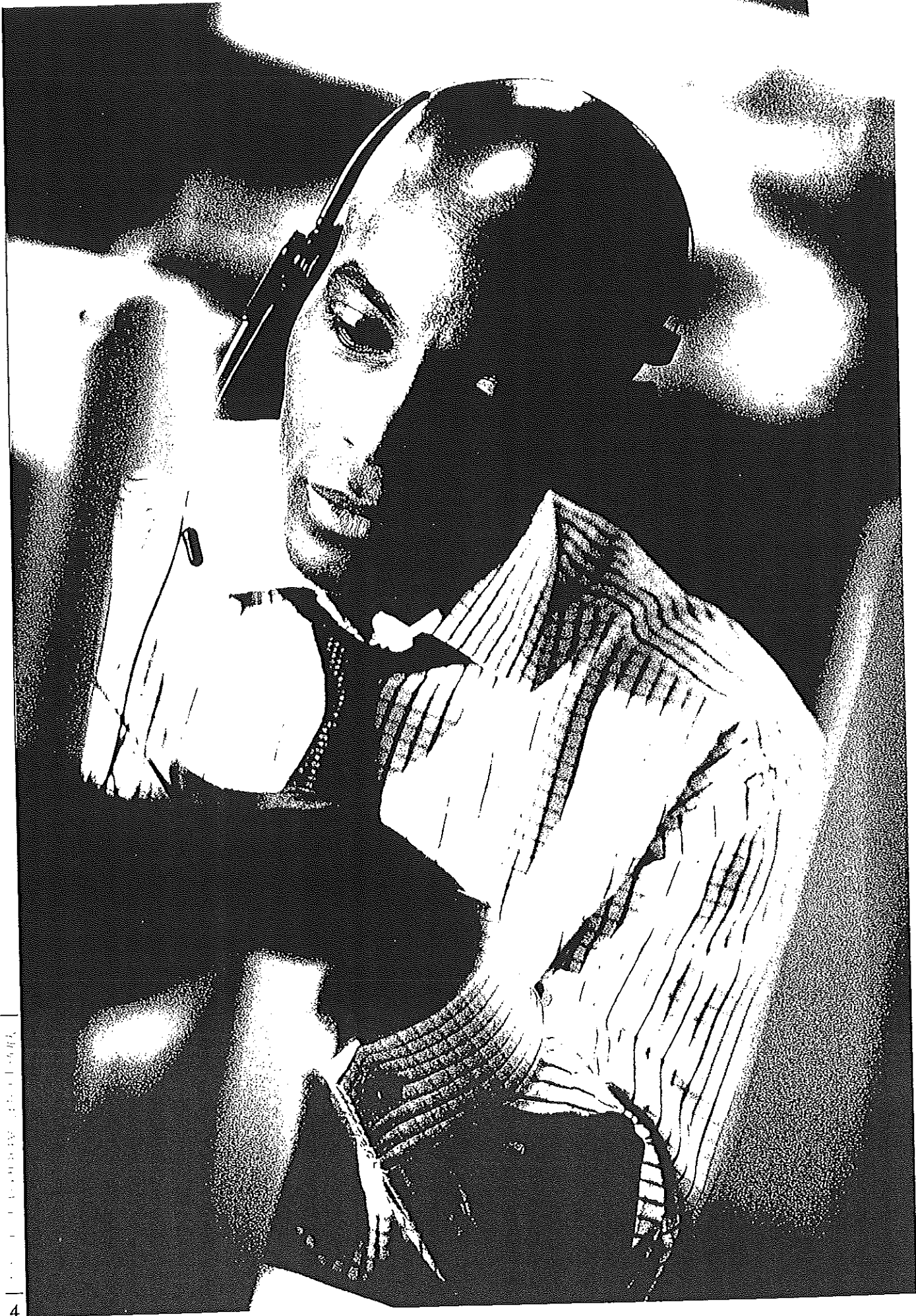
No government by itself can guarantee perfect security from acts of war or terrorism.

The security and well-being of the public depend not just on government, but rest in large measure upon individual citizens of the Commonwealth and their level of understanding, preparation, and vigilance.

The safety and security of the Commonwealth cannot be achieved apart from reliance upon Almighty God as set forth in the public speeches and proclamations of American Presidents, including Abraham Lincoln's historic March 30, 1863, Presidential Proclamation urging Americans to pray and fast during one of the most dangerous hours in American history, and the text of President John F. Kennedy's November 22, 1963, national security speech which concluded: "For as was written long ago: 'Except the Lord keep the city, the watchman waketh but in vain.'"

TABLE OF CONTENTS

First Response Voice Communications	15
First Response Data Communications	19
Infrastructure Protection	21
Information Sharing	25
First Responder Training and Exercise	33
Citizen Preparedness	39
<i>Grant Overview and Policy</i>	
<i>Summary of Grant Disbursements</i>	ii
Homeland Security Working Group	48



.....



GOAL

STRENGTHEN FIRST RESPONDERS VOICE COMMUNICATIONS CAPABILITIES

Every First Responder will have the ability to communicate with one another during an incident by the end of 2006.

The need to ensure that our state's First Responders can communicate with one another when needed is vital in our efforts to keep Kentucky safe. It is also critical that we provide the most advanced 9-1-1 capabilities for all Kentuckians. In partnership with the Kentucky State Police and Commonwealth Office of Technology, the state is making great strides towards fulfilling this important goal.

Voice Interoperability: The ability of public safety officials to share information via voice signals on demand, in real time, when needed, and as authorized.

Kentucky invested nearly **\$6.4 million** in 2006 homeland security funds to support voice communications for the state's First Responders and to improve the state's 9-1-1 capabilities.

Mutual Aid

The Mutual Aid project will provide every First Responder with the ability to communicate in an incident by the end of 2006. Mutual Aid Interoperability is the capability for agencies to tune in to a dedicated frequency using a standard protocol in order to establish interoperable voice communications with other first responders at the scene of an emergency. The Mutual Aid project includes an enhancement to Kentucky's existing three frequencies, 150 MHz, 450 MHz, and 800 MHz, to create intra-channel connectivity i.e., the ability to communicate within each of the three frequencies.

The Kentucky State Police received a 2006 grant in the amount of \$990,000 to complete this project.

Base Interface Module (BIM) Project

This project is intended to provide the means of patching Law Enforcement Agencies into the frequency/channel of a neighboring

Law Enforcement Agency. The frequency chosen may be either the primary operating frequency, or a secondary frequency owned by the agency since this decision is determined by the agency. KSP has agreed to monitor and provide patches as requested to participating Law Enforcement agencies.

When completed in December 2006, the Base Interface Module (BIM) project will provide law enforcement agencies the ability to interconnect within and across the 150MHz, 450MHz, and 800MHz frequency bands currently in use, and any new bands acquired in the future. This capability will be implemented by purchasing radios, cards, and patching modules from Homeland Security grant funds that will allow the Commonwealth to provide this capability at no cost to participating law enforcement agencies.

9-1-1

Kentucky's 9-1-1 centers will benefit from a more than \$1.54 million investment in 2006. Also, Kentucky's local 9-1-1 centers received a increase in funding this year when Governor Ernie Fletcher signed House Bill 656, legislation that will provide for a significant increase in funding for centers throughout the state.

Kentucky's 9-1-1 systems are currently funded by local taxes on landline phones and a \$.70 monthly surcharge on cell phones. Previously, 9-1-1 centers divided the cell phone surcharge 50/50 with cell phone service providers. HB 656 changes the formula to provide 10% of the surcharge to a grant pool for struggling 9-1-1 centers and an incentive of \$100,000 per 9-1-1 center for those seeking to consolidate their operations with other centers. The remaining funds will now be split 80/20 in favor of local centers. HB 656 also closes the loophole on prepaid cellular providers currently not remitting the state 9-1-1 cell phone surcharge.

Enhanced 9-1-1 provides the 9-1-1 center with caller identification information and the location of the caller.

Kentucky Emergency Warning System

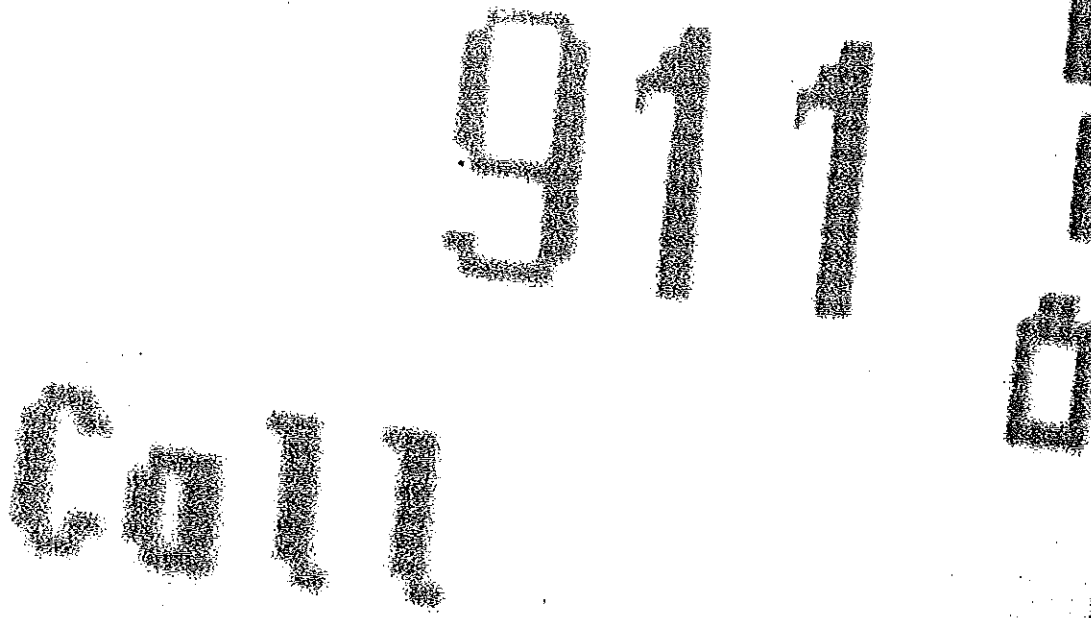
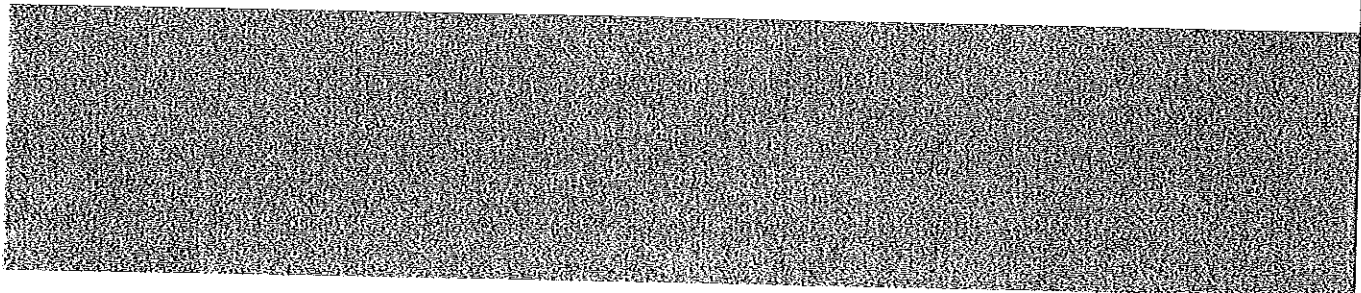
The Kentucky Emergency Warning System (KEWS) is a statewide telecommunications network designed to be shared by a wide range of state agencies. The KEWS utilizes 144 wireless radio tower sites throughout the state with reliable battery and generator backup that provides an "always on" microwave backbone (transport) for state public safety agency's voice communications.

Authorized by the Kentucky General Assembly in 1976, service was initiated on the system in 1979. The original system is still being used by the Commonwealth, not only by the agencies for which it was specifically designed, Kentucky Educational Television, Kentucky State

Police, Kentucky Vehicle Enforcement, Kentucky Department for Military Affairs, and the National Weather Service; but also by local agencies such as county sheriffs, fire and 9-1-1 dispatch, and emergency medical personnel.

SAFECOM

SAFECOM is a pilot project provided to Kentucky by the U.S. Department of Homeland Security to enhance interoperable communications throughout the Commonwealth. To date, numerous meetings have been held with local first responders to determine their needs in order to construct the interoperability road map for the state. A direct result of these meetings featured legislation passed by the 2006 General Assembly revamping Kentucky's tax on cell phones. The legislation increased funding to local 9-1-1 centers and created a new grant fund to help centers upgrade their equipment and merge together. Additionally, the General Assembly agreed to financially support all mobile data system maintenance and mandated that locals will not be charged to use the system or for its maintenance. 3







GOAL

STRENGTHEN FIRST RESPONDERS DATA COMMUNICATIONS CAPABILITIES

The use of mobile data communications in the roadside environment is the fastest emerging technology tool to assist First Responders. This year, the Kentucky Office of Homeland Security invested more than **\$6.47 million** in mobile data technology for the state's responders.

Data Interoperability: The ability of public safety officials to share information via data signals on demand, in real time, when needed, and as authorized.

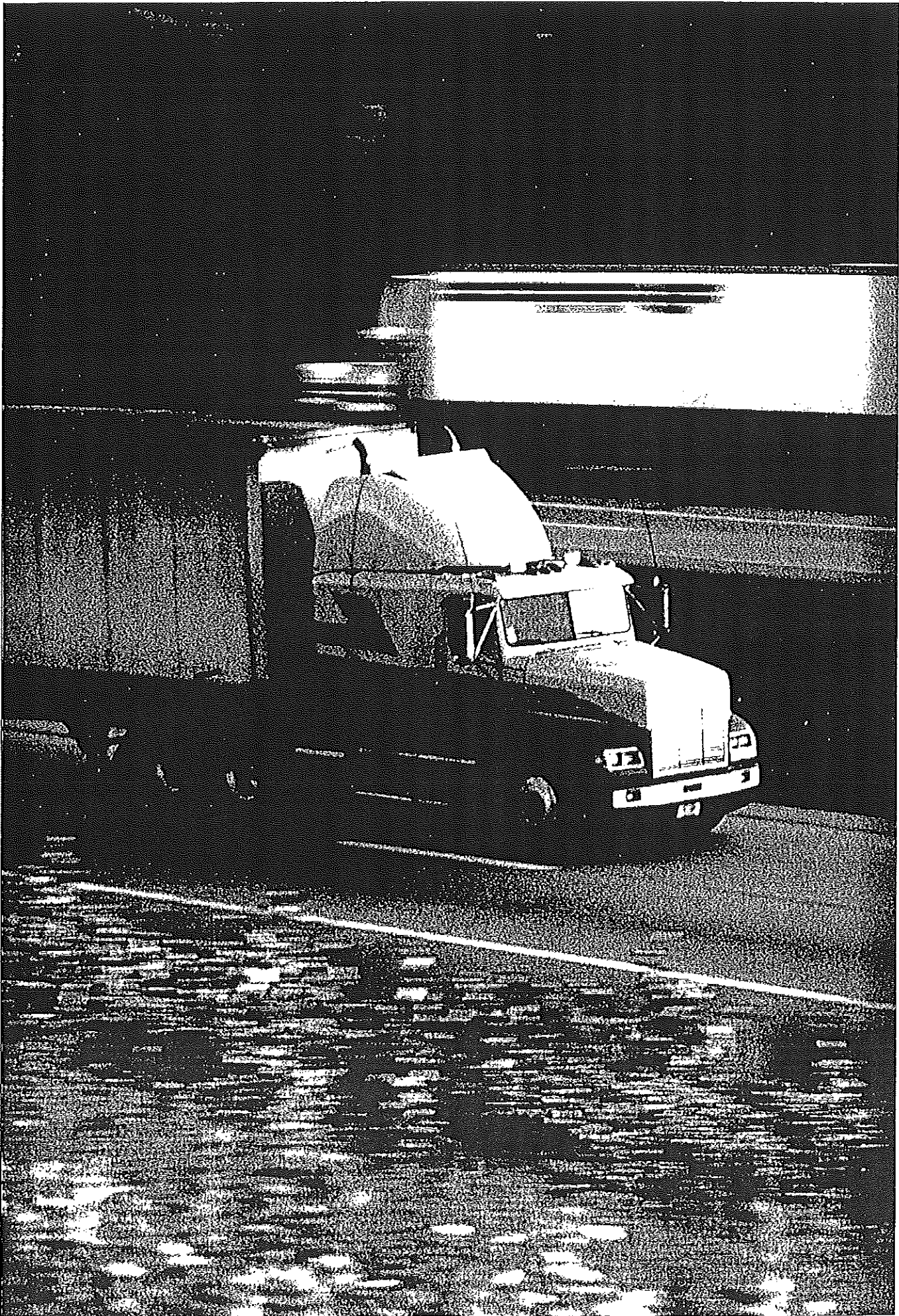
Infrastructure Completion

Wireless data communications have become an essential tool for effective response and successful law enforcement activity. The utilization of mobile data computers installed in first response vehicles enables responders with the capability to connect to the state's mobile data infrastructure was completed this year.

This project implemented an 800 MHz wireless data communication throughout the Commonwealth by means of a three phase statewide implementation. Among other things, law enforcement and other response officials may now access the Kentucky Open Portal Solution (KyOPS) suite of products, the National Crime Information Center (NCIC) and Law Information Network of Kentucky (LINK) to run license plates and personal information on individuals. They can also submit various reports from their cars such as citations, incident and electronic intelligence reports.

Mobile Data Computers

Mobile data computers provide a wide array of options helpful to first responders and provide a redundant means of communication beyond voice radio communications capabilities. This year, of the more than \$6.47 million provided to purchase mobile data computers, \$3 million of that total was provided by the Unified Criminal Justice Information System project.





GOAL

INFRASTRUCTURE PROTECTION

Kentucky is home to an immense infrastructure that must be protected. Along with our many federal, state and local partners, we are working to identify and assess risk and the vulnerability of critical infrastructure and key assets throughout the Commonwealth.

This year, the Commonwealth has invested more than **\$2.22 million** in infrastructure protection programs.

Kentucky Community Preparedness Program

The Kentucky Office of Homeland Security has partnered with the Department of Criminal Justice Training to implement a unique initiative designed to strengthen the security of small and medium-sized communities in Kentucky by locating and eliminating potential vulnerabilities. The assessment process is the first step a community takes to prepare it and protect its citizens not only from a hostile event, but also from a natural disaster, emergency or criminal activity.

The program focuses on prevention of hostile acts and crime through a system of risk assessments and recommendations for improved security. The Kentucky Community Preparedness Program will assess each community's infrastructure, including schools, water plants, communications systems, city halls, and other areas. Qualified communities will then be certified as a "Prepared Kentucky Community."

The grant also includes \$600,000 in funds earmarked to reimburse "Prepared Kentucky Communities", up to \$10,000 per community, for some of the recommended improvements that are made.

In 2005, the assessment team visited 60 Kentucky communities and is poised to match that accomplishment by the end of this year.

This program received \$1.3 million in 2006.

Transportation Infrastructure Protection: Weighing the Risks

Each day, over 70,000 semi-trucks roll through Kentucky carrying tons of freight to destinations throughout the nation. Kentucky's unique geographic location makes it a virtual crossroads for the American trucking industry. Because of location and a number of other factors, Kentucky's interstate

transportation system is thriving, making the security of Kentucky's highways a critical issue.

The Kentucky Office of Homeland Security (KOHS), in partnership with the Kentucky Transportation Cabinet, Kentucky State Police and Kentucky Vehicle Enforcement, is moving forward to improve the safety and reliability of Kentucky's transportation system while also supporting the state's commercial and economic infrastructure.

Radiation detectors are currently being installed at weigh stations throughout Kentucky. This technology is working to improve security on our roadways, but, the state has also recognized the critical need to keep the state's port-of-entry weigh stations open 24 hours a day, seven days a week. An analysis is currently being conducted to determine the cost and staffing feasibility of this initiative.

Additionally, an analysis is also being conducted on the viability of implementing mobile interdiction teams trained to patrol commercial vehicles traveling the state's secondary routes.

This program received \$360,000 in 2006 to help fund a new radiation detection portal system. Recently, the state received a grant from the U.S. Department of Homeland Security's Domestic Nuclear Detection Organization (DNDO) in the amount of \$425,900 to provide 4 handheld and 1 mobile radiation detection devices across Kentucky.

Buffer Zone Protection Program

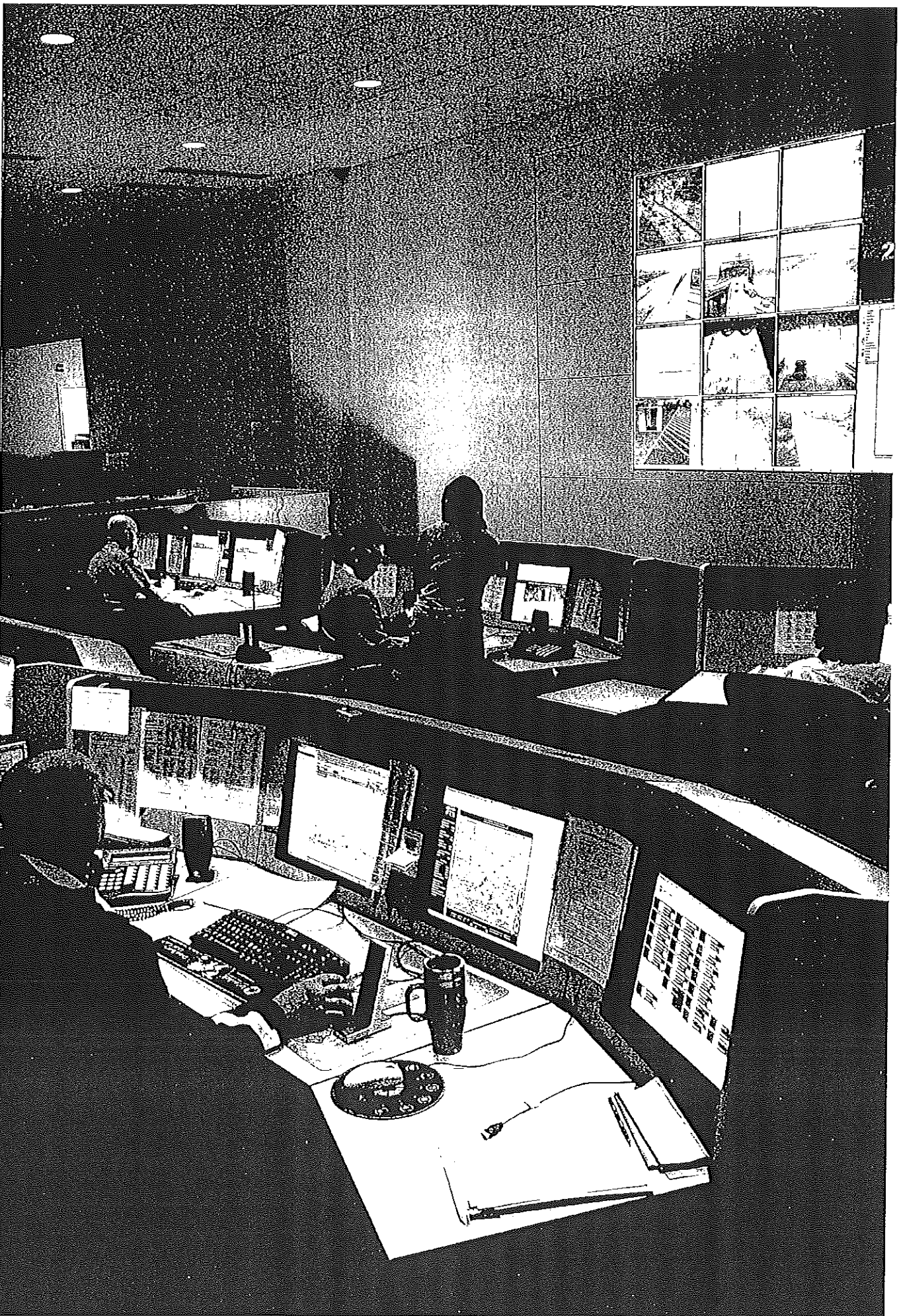
The Buffer Zone Protection Plan (BZPP) provides certain critical sites in Kentucky with a thorough vulnerability assessment of the facility and the critical areas around each facility. The BZPP provides the local responding law enforcement agency with funding to purchase equipment to help deter, prevent, mitigate or respond to an incident at or around the critical site.

This program received \$567,000 in direct support from the U.S. Department of Homeland Security.

Cyber-Security

The Kentucky Office of Homeland Security this year has partnered with the Commonwealth Office of Technology to promote the month of October as Cyber Security Awareness Month. The awareness campaign is a collective effort to raise cyber security awareness nationwide and empower citizens, businesses, government and schools to improve their cyber security preparedness and to stay safe online.





GOAL

INFORMATION SHARING ACROSS FIRST RESPONSE DISCIPLINES

The sharing of information and the strengthening of our collaboration capabilities with federal, state and local preparedness partners is a critical piece in Kentucky's ability to prevent, prepare, protect, respond to and recover from any crime or event. Our ability to gather, analyze and disseminate timely, valuable and actionable information to First Responders and the public is of the utmost importance.

This year, over **\$500,000** was invested in the state's Intelligence Fusion Center and the mobile data investment directly benefits the implementation of the Unified Criminal Justice Information System.

Intelligence Fusion Center

The need to develop and share information and intelligence across all levels of government and criminal justice agencies has significantly changed over the last few years. The long-standing barriers that built roadblocks among law enforcement agencies, public safety, and the private sector are slowly crumbling. Yet, the need to identify, prevent, monitor, and respond to terrorist and criminal activities remains a significant battle for the law enforcement, intelligence, and public safety communities.

Recently, an initiative has emerged that incorporates the elements of an ideal information and intelligence sharing project—fusion centers.

The Fusion Center is a milestone in achieving a unified force among all levels of law enforcement agencies; public safety agencies, such as fire, health, and transportation; and the private sector. Fusion centers bring all the relevant parties together to maximize the ability to prevent and respond to all criminal acts and terrorism.

The concept of fusion has emerged as the fundamental process to facilitate the sharing of homeland security-related and crime-related information and intelligence. Fusion refers to the overarching process of managing the flow of information and intelligence across levels and sectors of government. The fusion process supports the implementation of risk-based, information-driven prevention, response, and consequence management programs. At the same time, it supports efforts to address immediate and/or emerging threat-related circumstances and events.