First Reading: Second Reading: Third Reading: Adopted: May 12, 2025 Suspended, 2025 Suspended, 2025 May 12, 2025

VILLAGE OF LINCOLN HEIGHTS HAMILTON COUNTY, OHIO RESOLUTION NO. 2025-R-38

A RESOLUTION APPROVING THE FINAL HAMILTON COUNTY 911 PLAN PURSUANT TO OHIO REVISED CODE CHAPTER 128

WHEREAS, The State of Ohio has enacted legislation under Ohio Revised Code

Chapter 128 governing the establishment and operation of Enhanced 9-1-1 (E9-1-1) systems, and requires counties to develop and maintain a comprehensive countywide final plan for public safety answering point

(PSAP) services; and

WHEREAS, Hamilton County has completed the development of its Final 911 Plan in

accordance with the requirements of ORC §128.03 and ORC §128.06; and

WHEREAS, the Board of County Commissioners of Hamilton County, Ohio, formally

approved the Final 911 Plan on April 10, 2025, following the procedures

set forth in Chapter 128 of the Ohio Revised Code; and

WHEREAS, Council, having reviewed the Final 911 Plan and finding that the plan

supports the continued enhancement of 911 service delivery within the County, desires to approve the plan as required under ORC §128.03 and

related provisions.

NOW, THEREFORE, BE IT RESOLVED by the Council for the Village of Lincoln Heights, Hamilton County, Ohio, that:

SECTION I Council hereby approves the Final Hamilton County 911 Plan, as adopted

by the Hamilton County Board of Commissioners on April 10, 2025, and authorizes its submission to the appropriate county and state authorities as

evidence of the jurisdiction's approval pursuant to ORC Chapter 128.

SECTION II The Clerk of Council is hereby directed to certify a copy of this Resolution

to the Hamilton County 911 Planning Committee for inclusion in the record

of jurisdictional approvals.

SECTION III This Resolution is hereby declared to be an emergency measure

necessary for the health, safety, and general welfare of the Village of Lincoln Heights. The reason for said emergency is the need to comply with

the requirements of the Ohio Revised Code by June 9, 2025.

Passed this 12th day of May 2025.

Mayor, Village of Lincoln Heights
Attested:
Susa Pana Colerk of Council

RECORD OF VOTES CAST

	<u>Yes</u>	<u>No</u>	Abstain	<u>Absent</u>
Mayor Ruby Kinsey-Mumphrey	Х			
Vice-Mayor Linda Childs-Jeter	X			·
Phyllis Baber	Х			
Nona Calhoun-Mumia	X			
Karen Hinkston	X			·
Tonya Key				X
LaVerne Mitchell	X			-

CERTIFICATION OF PUBLICATION

I hereby certify that I have published the foregoing legislation beginning on May 12, 2025 in accordance with Section 2.12 of the Charter for the Village of Lincoln Heights, Hamilton County, Ohio, by posting a complete copy of the legislation for at least 14 days after its adoption in 5 conspicuous places in the Village, to wit: 1) Healthcare Connection; 2) Village Hall; 3) Friendship Plaza; 4) Centennial Apartments; and 5) Oak Park.

Clerk of Council

April 23, 2025

To: Municipal Legislative Bodies of Hamilton County
From: Andrew Knapp, Director and Countywide 911 Coordinator

Subject: Approval of Final Hamilton County 911 Plan

A 911 Program Review Committee was formed pursuant to Ohio Revised Code 128.06. This committee then formulated a 911 Final Plan pursuant to Ohio Revised Code 128.07. Included with this correspondence is the 911 Final Plan for Hamilton County that was approved by the Hamilton County Board of Commissioners on April 10, 2025.

As directed by Ohio Revised Code 128.08, each municipality must act to approve or disapprove the Final Plan. Enclosed below is draft resolution language for your consideration to approve the Final Hamilton County 911 Plan, as required under Ohio Revised Code Chapter 128. The Hamilton County Board of Commissioners formally approved the plan on April 10, 2025. This resolution allows your jurisdiction to officially endorse the plan in compliance with the statutory framework. It is requested that this legislation be completed by Monday June 9, 2025 to comply with the requirements of this statute.

If approved, please ensure the resolution is certified and submitted to the Hamilton County 911 Planning Committee for inclusion in the countywide record of approvals. Correspondence can be mailed to my attention at the Hamilton County Communications Center 2377 Civic Center Drive Cincinnati, Ohio 45231 or via email to andrew.knapp@hamiltoncountyohio.gov

Should you have any questions or require additional information, please contact me directly. Thank you for your help.

Andrew W. Knapp

Director

Andrew.knapp@hamiltoncountyohio.gov

Office:513-595-8440

SAMPLE RESOLUTION LANGUAGE

RESOLUTION NO. [Insert Number]

A RESOLUTION TO APPROVE THE FINAL HAMILTON COUNTY 911 PLAN PURSUANT TO OHIO REVISED CODE CHAPTER 128

WHEREAS, the State of Ohio has enacted legislation under Ohio Revised Code Chapter 128 governing the establishment and operation of Enhanced 9-1-1 (E9-1-1) systems, and requires counties to develop and maintain a comprehensive countywide final plan for public safety answering point (PSAP) services; and

WHEREAS, Hamilton County has completed the development of its Final 911 Plan in accordance with the requirements of ORC §128.03 and ORC §128.06; and

WHEREAS, the Board of County Commissioners of Hamilton County, Ohio, formally approved the Final 911 Plan on April 10, 2025, following the procedures set forth in Chapter 128 of the Ohio Revised Code; and

WHEREAS, this legislative body, having reviewed the Final 911 Plan and finding that the plan supports the continued enhancement of 911 service delivery within the County, desires to approve the plan as required under ORC §128.03 and related provisions;

NOW, THEREFORE, BE IT RESOLVED by the [Township Trustees / City Council / Village Council] of [Insert Name of Township/City/Village], Hamilton County, Ohio, that:

SECTION 1:

The [Board of Trustees / Council] hereby approves the Final Hamilton County 911 Plan, as adopted by the Hamilton County Board of Commissioners on April 10, 2025, and authorizes its submission to the appropriate county and state authorities as evidence of the jurisdiction's approval pursuant to ORC Chapter 128.

SECTION 2:

The Clerk of this [Township / City / Village] is hereby directed to certify a copy of this Resolution to the Hamilton County 911 Planning Committee for inclusion in the record of jurisdictional approvals.

SECTION 3:

This Resolution shall take effect and be in full for PASSED and ADOPTED this day of	orce from and after the earliest period allowed by law.
ATTEST:	
[Clerk Name] [Clerk Title]	
[Mayor / Board Chair / Council President] [Title]	

8/5

On motion of Commissioner Seconded by Commissioner the following resolution was adopted...

APPROVING THE FINAL 9-1-1 PLAN PURSUANT TO OHIO REVISED CODE CHAPTER 128

WHEREAS, Ohio Revised Code Chapter 128 requires each county to develop and maintain a Final Plan for the operation and funding of 9-1-1 systems within the county; and

WHEREAS, the Hamilton County 9-1-1 Planning Committee has reviewed and approved the proposed Final 9-1-1 Plan in accordance with the procedures set forth in ORC §128.06; and

WHEREAS, the Final Plan outlines the structure, operations, funding, and participating subdivisions for 9-1-1 service delivery in Hamilton County; and

WHEREAS, the Hamilton County Board of County Commissioners recognizes the necessity of maintaining a coordinated and efficient 9-1-1 system to ensure the safety and welfare of all county residents and visitors.

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Hamilton County, Ohio:

- 1. That the Board hereby approves and adopts the Final 9-1-1 Plan for Hamilton County, as submitted by the Hamilton County 9-1-1 Planning Committee and as required by ORC §128.06.
- 2. That the Clerk of the Board is hereby directed to transmit a certified copy of this resolution to the Ohio 9-1-1 Program Office and to maintain it on file with the official records of the County.
- 3. That this Resolution shall take effect and be in force from and after its adoption.

ADOPTED at a regularly adjourned meeting of the Board of County Commissioners of Hamilton County, Ohio on this 10th day of April, 2025.

Ms. Driehaus Ms. Summerow Dumas Ms. Reece Ms. Reece

CERTIFICATE OF CLERK

IT IS HEREBY CERTIFIED, that the foregoing is a true and correct transcript of a resolution adopted by the Board of County Commissioners of Hamilton County, Ohio, on this 10th day of April 2025.

IN WITNESS WHEREOF, I have hereby set my hand and affixed the official seal of the Board of County Commissioners of Hamilton County, Ohio, on this 10th day of April 2025.

Leslie Hervey, Clerk

Board of County Commissioners

Hamilton County, Ohio

Hamilton County

9-1-1 FINAL PLAN







Prepared by: Andrew W. Knapp 9-1-1 Coordinator Hamilton County, Ohio Andrew.knapp@hamiltoncountyohio.gov March 14, 2025

9-1-1 Final Plan

Hamilton County, Ohio

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Foreword

It is the intent of the 9-1-1 Planning Committee and Technical Advisory Committee that this 9-1-1 plan for Hamilton County comply; in every respect, with applicable legal statutes, charter requirements, governmental regulations which have the effect of law, and judicial opinions. Should any article, section, or portion of this plan be held unlawful and unenforceable by any court, legislative or administrative tribunal of competent authority, then such decision or legislation shall apply only to that specific article, section, or portion of the plan for that community. The remainder of the plan shall remain in full force and effect.

Introduction

Emergency communication is a critical component of public safety, ensuring that residents and visitors in Hamilton County receive timely and effective emergency response services. The Hamilton County 911 Final Plan serves as a comprehensive framework for the county's emergency dispatch operations, outlining the structure, governance, and technological advancements necessary to maintain a modern, efficient, and responsive 911 system.

This plan aligns with Ohio Revised Code (ORC) 128 and other relevant statutes to ensure compliance with state regulations and best practices in emergency communication. It reflects collaboration between Hamilton County's emergency management agencies, public safety answering points (PSAPs), local law enforcement, fire departments, emergency medical services, and community stakeholders.

With this plan, Hamilton County reaffirms its commitment to public safety by modernizing its 911 infrastructure, integrating innovative technology, and fostering collaboration among emergency service providers. The strategies and recommendations outlined herein will help ensure that all residents and visitors in Hamilton County receive the highest level of emergency response and care when they need it most.

Background and History

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The concept of a three-digit uniform emergency telephone number has existed for at least 4 decades in the United States and for even longer in Great Britain and other European countries. In 1967, a Presidential Advisory Commission recommended establishment of a common, nationwide telephone number for public use in an emergency. In 1968, the digits 9-1-1 were reserved for this purpose. In the late 1970s, technological advances in communications led to the development of Enhanced 9-1-1 (or "E9-1-1"). The ability to automatically identify the location of a caller made E9-1-1 an even more attractive system for urban, multi-jurisdictional areas. Technological advancements in the communications industry strengthened interest in the E9-1-1 system among Hamilton County communities.

In 1982, Cincinnati Bell surveyed local communities and found that over 90% were interested in moving forward with E9-1-1. However, research revealed that the county could not proceed with E9-1-1 until enabling legislation was approved by the State General Assembly. Many state-wide organizations worked in conjunction with legislators to initiate development of 9-1-1 legislation in response to broad public support. After over two years of work, H.B. 491 was signed into law on June 18, 1985. This legislation established a procedure whereby local governments may initiate a local planning process for 9-1-1 and provided a system for sharing costs among the State, phone users and local governments.

The Hamilton County Board of commissioners, in compliance with enacted H.B. 491, established a five- member 9-1-1 Planning Committee on November 13, 1985. This Committee, in conjunction with a Technical Advisory Committee, was charged with the responsibility of drafting a plan for implementing 9-1-1 in Hamilton County. The membership of both committees included broad-based representation of municipalities, townships, emergency service providers, the business community and communications field. Throughout the preparation of the Implementation Proposal and Final Plan, input and participation from local communities was encouraged.

Meetings were held with the Hamilton County Municipal League on January 29, 1986 and the Township Trustees' and Clerks Association on February 13, 1986 to share information on the 9-1-1 planning process and to give opportunity for community representatives to discuss 9-1-1 and raise questions. All Communities were also invited to attend a meeting at the Blue Ash Municipal Building to address specific issues related to costs. All Planning Committee meetings were open to the public and the media.

An implementation proposal was prepared representing a compilation of each community's first preference for participation in the Hamilton County 9-1-1 system. Pursuant to the requirements of state statute, the Planning Committee held a public hearing on the proposed plan on April 15, 1986. Following the public hearing the implementation Proposal was revised to reflect comments made prior to and during the public hearing. The Final Plan was then presented to the 9-1-1 Planning Committee and adopted on April 24, 1986. 9-1-1 in Hamilton County began operating on August 17, 1988 with the following Public Safety Answering Centers: Hamilton County Communications, City of Cincinnati, City of Norwood, and Springfield Township.

9-1-1 Program Review Committee - Voting Members

Ohio Revised Code section 128.06 provides the structure necessary for the 9-1-1 Program Review Committee in Hamilton County. It states that every county shall maintain a county 9-1-1 program review committee, which shall serve without compensation and shall consist of six voting members as follows:

- (1) A member of the board of county commissioners, or a designee, who shall serve as chairperson of the committee.
- (2) The chief executive officer of the most populous municipal corporation in the county.
- (3) A member of the board of township trustees of the most populous township in the county as selected by majority vote of the board of trustees.
- (4) A member of a board of township trustees selected by the majority of boards of township trustees in the county pursuant to resolutions they adopt.
- (5) A member of the legislative authority of a municipal corporation in the county selected by the majority of the legislative authorities of municipal corporations in the county pursuant to resolutions they adopt.
- (6) An elected official from within the county appointed by the board of county commissioners.

The Hamilton County 9-1-1 Program Review Committee

Name	Representing
Chairperson Mr. Lee Czerwonka, Council Member City of Blue Ash	Hamilton County Board of Commissioner's Designee
Ms. Sheryl M.M. Long	City of Cincinnati City Manager
Mr. David W. Linneberg, Trustee Green Township	Largest Township by Population
Mr. Tracy Kellums, Trustee Sycamore Township	Hamilton County Township Trustee's Association
Mr. Tom Camp, Council Member City of Deer Park	Hamilton County Municipal League Representative
Sheriff Charmaine McGuffey	Hamilton County Elected Official

9-1-1 Technical Advisory Committee

A technical advisory committee shall be established in order to advise the 9-1-1 Program Review Committee on the aspects of the day-to-day operation of Public Safety Answering Points within Hamilton County. The following entities shall be represented on the Technical Advisory Committee.

A Representative from Hamilton County Fire	
Chief's Association	
A Representative from Hamilton County	
Police Chief's Association	
A Representative from Hamilton County,	
Communications Center	
A Representative from City of Cincinnati,	
Emergency Communications Center	
A Representative from Hamilton County	
Emergency Management	
A Representative from City of Cincinnati Fire	
Department	
A Representative from City of Cincinnati	
Police Department	
A Representative from Hamilton County	
Sheriff's Department	
A Representative from Ohio State Highway	
Patrol	
A Representative from Local Exchange	8
Carrier, (AltaFiber)	
A Representative from One Representative	
from Associate PSAP's; (City of Deer Park,	14
Village of Indian Hill, and, Amberley Village)	
Chairman of the Board of Advisors for the	
County Law Enforcement Applied Regionally	· ·
Committee (CLEAR)	

County 9-1-1 Coordinator

In accordance with Ohio Revised Code 128.05, Hamilton County shall appoint a county 9-1-1 coordinator to serve as the administrative coordinator for all public safety answering points participating in the countywide 9-1-1 final plan described in section 128.03 of the Revised Code and shall also serve as a liaison with other county coordinators and the 9-1-1 program office. Hamilton County Emergency Communications Center Director, Andrew Knapp, has been appointed as the County 9-1-1 Coordinator. This appointment was by resolution of the Board of County Commissioners on February 22, 2024.

Locations of Public Safety Answering Points

Hamilton County Communications Center 2377 Civic Center Drive	Total Number of 911 Positions: 20
Cincinnati, Ohio 45231	277
Hamilton County Communications	Total Number of 911 Positions: 15
Back Up Facility	
6245 Creek Road	
Cincinnati, Ohio 45242	
City of Cincinnati	Total Number of 911 Positions:23
Emergency Communications Center	2.2
1000 Radcliff Drive Cincinnati, Ohio 45205	
City of Cincinnati	Total Number of 911 Positions:13
Emergency Communications Center	
Backup Facility	
800 Evans Street Cincinnati, Ohio 45204	
University of Cincinnati Police Department	Total Number of 911 Positions: 4
Primary Dispatch Center	
51 W. Corry Blvd Cincinnati, Ohio 45221	
University of Cincinnati Police Department Backup Facility	Total Number of 911 Positions: 1
3255 Eden Ave Cincinnati, Ohio 45220	

All Public Safety Answering Points are ENHANCED 911 and are NextGen911 Ready, pending the deployment of the State of Ohio ESInet. In the event of a catastrophic failure at any PSAP, 911 traffic can be rerouted or "roll-over" to Hamilton County ECC and/or City of Cincinnati ECC.

Geography Served-Direct Dispatch-Transferring Call

Hamilton County Emergency Communications

04-10-2025

Hamilton County Communications Center shall provide 9-1-1 service for the following communities and is the primary dispatch point for all communities with the exception of Amberley Village, City of Deer Park and Village of Indian Hill. These communities receive a supervised transfer of 9-1-1 calls for law enforcement purposes only via a one button transfer. Each entity also has the ability to view location data via web-based resources such as RapidSOS.

VILLAGE OF ADDYSTON	HAMILTON CO. SHERIFF
	ADDYSTON EMS-MIAMI TWP
	ADDYSTON FIRE-MIAMI TWP
AMBERLEY VILLAGE	CALL TRANSFERRED
ANDERSON TOWNSHIP	ANDERSON TOWNSHIP EMS
	HAMILTON CO. SHERIFF
	ANDERSON TOWNSHIP FIRE
VILLAGE OF ARLINGTON HEIGHTS	ARLINGTON HEIGHTS POLICE-READING POLICE
	READING FIRE
	READING EMS
CITY OF BLUE ASH	BLUE ASH EMS
	BLUE ASH FIRE
	BLUE ASH POLICE
CITY OF CHEVIOT	CHEVIOT EMS
	CHEVIOT FIRE
	CHEVIOT POLICE
VILLAGE OF CLEVES	MIAMI TWP FIRE
	MIAMI TWP EMS
	HAMILTON CO. SHERIFF
COLERAIN TOWNSHIP	COLERAIN TOWNSHIP EMS
	COLERAIN TOWNSHIP FIRE
ž.	COLERAIN TOWNSHIP POLICE
COLUMBIA TOWNSHIP	HAMILTON CO. SHERIFF
	LITTLE MIAMI FIRE/ DEERPARK SILV FD
	LITTLE MIAMI EMS/DEERKPARK SILV FD
CROSBY TOWNSHIP	CROSBY TOWNSHIP EMS
	CROSBY TOWNSHIP FIRE
	HAMILTON CO. SHERIFF
CITY OF DEER PARK	DEER PARK /SILVERTON FIRE
	DEER PARK SILVERTON EMS
	DEER PARK POLICE-CALL TRANSFERRED

DELHI TOWNSHIP	DELHI TOWNSHIP EMS
	DELHI TOWNSHIP FIRE
	DELHI TOWNSHIP POLICE
VILLAGE OF ELMWOOD PLACE	ELMWOOD PLACE EMS
	ELMWOOD PLACE FIRE
	ELMWOOD POLICE
VILLAGE OF EVENDALE	EVENDALE EMS
	EVENDALE FIRE
	EVENDALE POLICE
VILLAGE OF FAIRFAX	FAIRFAX POLICE
	LITTLE MIAMI FIRE
	LITTLE MIAMI EMS
CITY OF FOREST PARK	FOREST PARK EMS
14	FOREST PARK FIRE
	FOREST PARK POLICE
VILLAGE OF GLENDALE	GLENDALE FIRE
	SHARONVILLE EMS
	GLENDALE POLICE
VILLAGE OF GOLF MANOR	DEERPARK/SILVERTON EMS
	DEERPARK/SILVERTON FIRE
	GOLF MANOR POLICE
GREEN TOWNSHIP	GREEN TOWNSHIP EMS
	GREEN TOWNSHIP FIRE
	GREEN TOWNSHIP POLICE
VILLAGE OF GREEN HILLS	GREENHILLS EMS
	GREENHILLS FIRE
	GREENHILLS POLICE
HAMILTON CO. PARKS	HAM. CO. PARK DISTRICT
CINCINNATI ANIMAL CARES (County Dog Warden)	HAM. CO. CINC ANIMAL CARES
CITY OF HARRISON	HARRISON EMS .
	HARRISON FIRE
	HARRISON POLICE
HARRISON TOWNSHIP	HARRISON TWP EMS
	HARRISON TWP FIRE
	HAMILTON CO. SHERIFF
VILLAGE OF LINCOLN HEIGHTS	WOODLAWN EMS
	WOODLAWN FIRE
	HAMILTON CO. SHERIFF

CITY OF SHARONVILLE	SHARONVILLE EMS
	SHARONVILLE FIRE
	SHARONVILLE POLICE
HAMILTON CO. SHERIFF	SHER - ANDERSON TOWNSHIP
	SHER - COLUMBIA TOWNSHIP
-	SHER-CROSBY TOWNSHIP
	SHER-HARRISON TOWNSHIP
	SHER - MIAMI TOWNSHIP
(P.)	SHER - SYCAMORE TOWNSHIP
	SHER-WHITEWATER TOWNSHIP
CITY OF SILVERTON	HAMILTON CO. SHERIFF
	DEER PARK SILVERTON FIRE
	DEER PARK SILVERTON FIRE
CITY OF SPRINGDALE	SPRINGDALE EMS
	SPRINGDALE FIRE
	SPRINGDALE POLICE
SPRINGFIELD TOWNSHIP	SPRINGFIELD TOWNSHIP EMS
	SPRINGFIELD TOWNSHIP FIRE
	SPRINGFIELD TOWNSHIP POLICE
VILLAGE OF ST. BERNARD	ST. BERNARD EMS
	ST. BERNARD FIRE
	ST. BERNARD POLICE
SYCAMORE TOWNSHIP	SYCAMORE TOWNSHIP EMS
	SYCAMORE TOWNSHIP FIRE
	HAMILTON CO. SHERIFF
VILLAGE OF TERRACE PARK	TERRACE PARK EMS
	TERRACE PARK FIRE
	TERRACE PARK POLICE
WHITEWATER TOWNSHIP	WHITEWATER TWP EMS
	WHITEWATER TWP FIRE
	HAMILTON CO. SHERIFF
VILLAGE OF WOODLAWN	WOODLAWN EMS
	WOODLAWN FIRE
	WOODLAWN POLICE
CITY OF WYOMING	WYOMING EMS
	WYOMING FIRE
	WYOMING POLICE
CITY OF LOVELAND	CLERMONT CO FINAL PLAN
SYMMES TOWNSHIP	CLERMONT CO FINAL PLAN

City of Cincinnati

City of Cincinnati Emergency Communications Center shall provide 9-1-1 service for the City of Cincinnati and Includes direct dispatch of the Cincinnati Police Department and Cincinnati Fire Department.

University Of Cincinnati

University of Cincinnati Police Dispatch shall provide 9-1-1 wireline only service for campus locations of the University of Cincinnati. This includes the Clermont Campus in Clermont County, Ohio. UCPD will direct dispatch law enforcement incidents and will call or transfer calls for fire and emergency medical service responses.

Enhanced or Next Generation 911

All PSAPS in Hamilton County are NG911 ready meaning that their equipment is NG911 capable and will connect to the State of Ohio ESInet as soon as it is available.

Hamilton County Communications Enhanced 911
Cincinnati Emergency Communications Enhanced 911
University of Cincinnati Police Dispatch Enhanced 911

Originating Service Providers

In Hamilton County, Ohio, the connection between originating service providers (OSPs) and the core 9-1-1 system is structured to align with Next Generation 9-1-1 (NG9-1-1) standards, ensuring the seamless delivery of emergency communications. Here's an overview of how this works and the methods involved:

Connection to the Core 9-1-1 System

Session Initiation Protocol (SIP): OSPs use SIP-based communication to connect with the NG9-1-1 Emergency Services IP Network (ESInet). SIP is the industry standard for delivering voice, text, and multimedia messaging.

Emergency Services Routing Proxy (ESRP): Calls, texts, and multimedia from OSPs are routed through an ESRP, which determines the appropriate Public Safety Answering Point (PSAP) based on the caller's location.

Direct or Aggregated Access: OSPs may connect directly to the ESInet or through an aggregation point managed by a third party. The connection method depends on the OSP's infrastructure and agreements with the county or state.

Methods for Delivering Media and Caller Information

Voice Communications: Voice calls are converted into digital packets and transmitted over the ESInet using SIP protocols. This allows for high-quality, reliable voice communication.

Text-to-9-1-1: Text messages are sent using either SMS or internet based protocols. These

Text-to-9-1-1: Text messages are sent using either SMS or Internet-based protocols. These messages are processed and routed to the appropriate PSAP via the ESInet.

Multimedia Messaging (e.g., photos, videos): Future NG9-1-1 implementations will allow for the transmission of images, video clips, and other data. These media types will be delivered using IP-based protocols compatible with the ESinet.

Caller Location Data:

Automatic Location Information (ALI): OSPs provide location data by querying ALI databases linked to the ESinet.

Device-Based Hybrid Location (DBHL): Modern devices use GPS and Wi-Fi location services to provide real-time location data.

Location Validation Function (LVF): Ensures the provided location is valid and routable to the correct PSAP.

Redundancy and Reliability

Diverse Routing: OSPs utilize multiple network paths to ensure calls reach the core 9-1-1 system even in the event of network outages.

Quality of Service (QoS): Network configurations prioritize 9-1-1 traffic to ensure prompt delivery of emergency communications.

Compliance and Interoperability

OSPs must comply with NG9-1-1 standards as outlined by the National Emergency Number Association (NENA) and the Federal Communications Commission (FCC).

Testing and validation processes are in place to ensure compatibility and functionality with Hamilton County's core 9-1-1 system.

This setup enables Hamilton County to handle traditional 9-1-1 calls as well as emerging forms of communication, ensuring public safety agencies can effectively respond to emergencies.

9-1-1 Network

The Enhanced 9-1-1 services for Hamilton County are provided by Cincinnati Bell Telephone Company (AltaFiber) and Intrado Safety Services. Enhanced 9-1-1 is provided through installation of network equipment and software as well as Public Safety Answering Point equipment and software. Enhanced 9-1-1 is provided by a network of dedicated trunks connecting all local telephone central offices serving all Hamilton County subdivisions. Dedicated access lines are also provided from the E9-1-1 telephone control office to every PSAP. The network equipment and data base management system are located in the local telephone company's central offices. The PSAP equipment and software is located at each PSAP location. to the call. For each call the PSAP answers, the dispatcher will be able to view the caller's telephone number, and address when received via a landline. Wireless, VOIP and other classes

of service are accepted by Cincinnati ECC and Hamilton County Communications. Location technology utilized may vary, but precise, continuously updated caller location is available at each PSAP. The PSAP will dispatch police, fire and emergency medical services for departments and jurisdictions it serves or transfer the call to the correct location for dispatch.

Hamilton County Communications 911 System

Hamilton County Communications Center employs a solution from Intrado Safety Services. The core system is Intrado's ViPER Call Handling System. The Hamilton County ViPER call handling system consists of two VIPER nodes deployed in an active-active configuration. Both VIPER nodes are redundant within themselves with no single point of failure. The system will automatically fail over to the second node in the event that the primary backroom equipment is lost. The WAN between the two VIPER nodes is also deployed in a redundant configuration with two routers at each node. At the primary PSAP, the system includes 20 call taking positions equipped with Intrado's Power Station, a purpose-built appliance designed specifically for 911 call taking, as well as Intrado's Power 911 software. The system utilizes automatic call distribution algorithms to deliver 911 calls to the positions. There are also 15 laptops configured on the system for use at the Hamilton County backup location, or for remote call taking abilities. The laptops can utilize a VPN connection to the VIPER system to take 911 calls from any location needing only an internet connection. Hamilton County uses ECaTS, integrated with the VIPER system, for call statistics reporting and analytics. Text to 911 is integrated with the Power 911 call taker interface.

City of Cincinnati 911 System

The City of Cincinnati's VIPER call handling system consists of two VIPER nodes deployed in an active-active configuration. Both VIPER nodes are redundant within themselves with no single point of failure. The system will automatically fail over to the second node in the event that the primary backroom equipment is lost. The WAN between the two VIPER nodes is also deployed in a redundant configuration with two routers at each node.

At the primary PSAP, the system includes 23 call taking positions equipped with intrado's Power Station, a purpose-built appliance designed specifically for 911 call taking, as well as intrado's Power 911 software. The system utilizes automatic call distribution queues to deliver 911 calls to the positions. The system is also equipped with 37 IP phones capable of taking 911 calls and displaying ALI information. At the backup location, the system is equipped with 13 Power Station based call taking positions with the same capabilities as those at the primary location. The City uses ECaTS, integrated with the VIPER system, for call statistics reporting and analytics. Text to 911 is integrated with the Power 911 call taker interface.

University of Cincinnati 911 System

The University of Cincinnati VIPER system consists of a primary and backup location, both configured as remote VIPER sites on the City of Cincinnati's call handling system. The system at the University is equipped with a Satellite VIPER Node in each location for call processing locally at the University PSAP, which are delivered to VIPER by the University's Cisco UCM. At the primary location there are 4 call taking positions equipped with Intrado's Power Station and

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Power 911 software. The backup location is equipped with 1 call taking position. The WAN between University's remote VIPER system and the VIPER hosts at the City of Cincinnati are deployed in a redundant configuration, with two routers at each location.

The University uses ECaTS, integrated with the VIPER system, for call statistics reporting and analytics.

The VIPER system at the University of Cincinnati is also integrated with Intrado's Emergency Gateway solution to manage and deliver location information across the campus phone network. Computer Aided Dispatch (CAD) workstations are remote terminals of the City of Cincinnati ECC CAD system. This gives extensive interoperability within the region.

Annual Operational Costs

Annual operating costs for each PSAP are listed in the Appendix at the end of this document. These costs are NOT being funded through charges imposed under 128.35. Each PSAP is well established, and their annual operating costs are reported annually (APPENDIX A) as required by Ohio Revised Code 128.05 (E). A high-level narrative for each PSAP is below.

Hamilton County Communications Center

Hamilton County Communications Center provides the 9-1-1 service for the communities that participate in their consortium. The current costs associated with the operation are funded through a combination of county general funds and a user fee. The user fee is determined on an annual basis as part of the Administrator's Recommended Budget. The fee is applied based upon billable incidents that were dispatched for the community in a previous 12-month period.

Cincinnati Emergency Communications Center

The City of Cincinnati Emergency Communications Center is funded through the City of Cincinnati's general fund. This funding supports the center's daily operations, staffing, and essential services.

University of Cincinnati, Department of Public Safety Communications Center The University of Cincinnati's 911 operations are primarily funded through the university's budget, which encompasses allocations for the Department of Public Safety.

Each PSAP agrees that any disbursement received from the State of Ohio Next generation 9-1-1 access fee shall be subject to the expenditure requirements of the Ohio Revised Code Section 128.57.

Adoption of PSAP Operational Rules

In the course of providing citizens with their most vital link to emergency response, 9-1-1 public safety answering points in Hamilton County, State of Ohio shall comply with technical and operational standards and recognize and promote best practices that will provide consistent, quality service by well trained personnel utilizing a high level of secure technology. These operational standards apply to all public safety answering points (PSAP) eligible to receive disbursements through section 128.55 of the Revised Code. The current requirements are located in the Ohio Administrative Code Chapter 5507-1.

Copies of Final Plan

The 9-1-1 program review committee shall send a copy of the final plan to the following:

- Board of commissioners of the county
- The legislative authority of each municipal corporation in the county
- The board of township trustees of each township in the county.
- The above notifications must be sent either by certified mail or, if the committee has
 record of an internet identifier of record associated with the board or legislative
 authority, by ordinary mail and by that internet identifier of record
- The board of trustees, directors, or par commissioners of each subdivision served by a PSAP under the plan.
- State of Ohio 9-1-1 Program Office.

Single point of contact for location-data discrepancies

Each PSAP shall appoint a contact person or position within their organization for the handling of updating the ANI/ALI Database for location or data discrepancies. Each organization shall have an internal policy for the appropriate processing of this information.

Funds Disbursement Formula

Funds that are received from the State of Ohio 9-1-1 Government Assistance Fund, pursuant to Ohio Revised Code 128.55 shall be distributed based upon a fair and equitable formula to the City of Cincinnati and Hamilton County Public Safety Answering Points respectively. The formula is based upon the percentage of total 9-1-1 calls received during the prior calendar year. This formula will be reviewed annually based upon reporting of total 9-1-1 call volume from January through December. The University of Cincinnati shall not receive State of Ohio 9-1-1 Government Assistance Funds.

Resolution to approve/disapprove plan

Pursuant to Ohio Revised Code 128.08, within sixty days after receipt of the final plan pursuant to division (B)(1) of section 128.07 of the Revised Code, the board of county commissioners of the county and the legislative authority of each municipal corporation in the county and of each township whose territory is proposed to be included in a countywide 9-1-1 system shall act by resolution to approve or disapprove the plan, except that, with respect to a final plan that provides for funding of the 9-1-1 system in part through charges imposed under section 128.35 of the Revised Code, the board of county commissioners shall not act by resolution to approve or disapprove the plan until after a resolution adopted under section 128.35 of the Revised Code has become effective as provided in division (D) of that section. Each such authority immediately shall notify the board of county commissioners in writing of its approval or disapproval of the final plan. Failure by a board or legislative authority to notify the board of county commissioners of approval or disapproval within such sixty-day period shall be deemed disapproval by the board or authority.

- (B) As used in this division, "county's population" excludes the population of any municipal corporation or township that, under the plan, is completely excluded from 9-1-1 service in the county's final plan. A countywide plan is effective if all of the following entities approve the plan in accordance with this section:
- (1) The board of county commissioners.
- (2) The legislative authority of a municipal corporation that contains at least thirty per cent of the county's population, if any.
- (3) The legislative authorities of municipal corporations and townships that contain at least sixty per cent of the county's population or, if the plan has been approved by a municipal corporation that contains at least sixty per cent of the county's population, by the legislative authorities of municipal corporations and townships that contain at least seventy-five per cent of the county's population.
- (C) After a countywide plan approved in accordance with this section is adopted, all of the telephone companies, subdivisions, and regional councils of governments included in the plan are subject to the specific requirements of the plan and to this chapter.

Amendment of Plan

Once the 9-1-1 Final Plan is adopted, a mechanism will exist for approving changes and or modifications to the plan. In accordance to Ohio Revised Code, section 128.12, an amended final plan is required for any of the following purposes:

- Expanding the territory included in the countywide 9-1-1 system:
- Upgrading any part or all of the countywide 9-1-1 system;
- Adjusting the territory served by a public safety answering point;
- Permitting a regional council of governments to operate a public safety answering point;
- Re-prescribing the funding of public safety answering points as between the alternatives set forth in division (A)(7) of section 128.07 of the Revised Code;
- Providing for wireless enhanced 9-1-1;
- Adding, changing, or removing a 9-1-1 system service provider as a participant in the countywide 9-1-1 system;
- Providing that the state highway patrol or one or more public safety answering points of another 9-1-1 system function as a public safety answering point or points for the provision of wireline or wireless 9-1-1 for all or part of the territory of the system established under the final plan, as contemplated under division (I) of section 128.03 of the Revised Code;
- Making any other necessary adjustments to the plan.

Any amendment shall require two thirds vote of the committee for approval.

Approval and Signature Page

Hamilton County, Ohio, 9-1-1 Final Plan Approval and Signature Page The following members hereby approve and authorize the Hamilton County 9-1-1 Final Plan.

Appro	ved on this 14th day of March , 2024
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1.	- Ky Cill Shu
	Mr. Lee Czerwinka, Blue Ash City Council
	Hamilton . Board of Commissione 's Designee
	C () AN ()
2.	
	Ms. Sheri M.M. Long, City of Circinnati City Manager
	Chief Executive Officer of Most Populous Municipal Corporation
3.	Adm David M. Handham Cook War.
	Mr. David W. Linneberg, Green Twp. Trustee
	Largest Township by Population
4.	m le Mano
70	Mr. Tracy Kellums, Sycamore Twp. Trustee
	Hamilton Co. Trustee's Association
5.	1 on long
	Mr. Tom Camp, Deer Park City Council
	Hamilton Co. Municipal Lengue
6.	CHOTHER MCOUNTY
	Sheriff Charmaine McGuffey, Hamilton Co. Sheriff
	Hamilton Co. Elected Official
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Appendix A- Hamilton County 911 Expenditures 2024



Board of Commissioners Alich Resce Denise Driehaus Administrato Jeff Aluccio Director Andrew Krapp

February 28, 2025

Hamilton County 9-1-1 Planning Committee Hamilton County Emergency Communications Center 2377 Civic Center Drive Cincinnati, Ohio 45231

Annual Notice of Costs Associated with \$11 Operation

The Hamilton County 9-1-1 Planning Committee met on February 14, 2025. As required by Ohio Revised Code 128.05(E) each Countywide 911 Planning committee shall, not later than the first day of March of each year, submit a report to the political subdivisions within the county and to the 9-1-1 program office detailing the sources and amounts of revenue expended to support and all costs incurred to operate the countywide 9-1-1 system and the public safety answering points that are a part of that system for the previous calendar year.

Hamilton County has two primary Public Safety Answering Points (PSAP) that receive funding from the State of Ohio Government Assistance Fund (Ohio GAF), formerly the Ohio Wireless Government Assistance Fund (WGAF). The use of funds received from the Ohio GAF is restricted by Ohio Revised Code 128.57. Below is a summary of revenues and expenditures for the year 2024.

PSAP	2024 Ohio GAF	NON-GAF	NON-GAF	GAF ·	Total Expenditures
	Revenue	REVENUE	EXPENDITURES	EXPENDITURES	
City of Cincinnati	\$1,732,937.40	\$14,086,235.00	13,981,570.07	\$775,682.81	\$14,757,252.88
Hamilton County	\$1,379,165.34	\$13,869,330.01	\$16,516,601.43	\$1,276,434.26	\$17,793,035.69
Total	\$3,112,102.74	\$27,955,565.01	\$30,498,171.50	\$2,052,117.07	\$32,550,288.57

Respectfully submitted,

Mr. Andrew W. Knapp

Hamilton County 9-1-1 Coordinator

Mr. Lee Czerwonka, Chairman

Hamilton County 9-1-1 Planning Committee