ILLINOIS STATE POLICE Office of the Statewide 9-1-1 Administrator



State of Illinois

Application for 9-1-1 Modification Plan

911 GENERAL INFORMATION

DATE: 09/09/2022 X Long Form Modification Plan Type of Change: Short Form Modification Plan Population Served Land Area in Sq Miles **Current System Name:** 12000 393 Marshall County ETSB **Primary** Secondary List PSAPs: Marshall County 911 911 System Contact: Mike W. Mayer Street Address: 520 Sixth St. City, State and Zip Code: Lacon, IL 61540 Office Telephone: (309) 246-2911 Cellular Telephone: (309) 238-1098 Email: mc911@marshallcountyillinois.gov Wireless Coverage for Consolidated System: Please check if applicable: 100 % Phase II compliant ___X__ NG9-1-1 capable _____ Receive 9-1-1 Text 100 % Phase I compliant _____ Receive 9-1-1 Video

VERIFICATION

, Mike W. Mayer	, first being duly sworn upon	oath, depose and say that
I am 911 Coordinator	, of Marshall County ETSB	; That I have read the
Foregoing plan by me subscribed and	d know the contents thereof; th	at said contents are true in
substance and in fact, except as to the	ose matters stated upon inforn	nation and belief, and as to
those, I believe same to be true.		
		W Maye Coordinator
Subscribed and sworn to before me		
this 8 day of May	, 20 <u>23</u> .	
Can C Fd NOTARY PUBLIC, ILLINOIS	OFFICIAL SEAL CARRIE C. FIDLER NOTARY PUBLIC - STATE OF I MY COMMISSION EXPIRES 05	R LLINOIS } 5-09-2026

9-1-1 SYSTEM PROVIDER LETTER OF INTENT

09-09-2022
(Date)
Lisa Wirtanen
(9-1-1 System Provider Company Representative)
AT&T
(9-1-1 System Provider Company Name)
4918 W. 95 th St.
(Street Address)
Oak Lawn, IL. 60453
(City, State, Zip Code)
Dear Lisa Wirtanen:
This letter is to confirm our intent to modify our 9-1-1 System. Enclosed is your copy of our modification plan to be filed with the Department of the Illinois State Police for approval. Thank you for your assistance in this matter.
Sincerely,
Mike W. Mayer Marshall County 911 Coordinator

enclosure: Modification Plan

NARRATIVE STATEMENT:

(Provide a detailed summary of system operations for a modified 9-1-1 plan. Also, if incorporating an NG9-1-1 solution, please include the additional items listed below pursuant to 1325.205 b)12).

- 1) Indicate the name of the certified 9-1-1 system provider being utilized.
- 2) Explain the national standards, protocols and/or operating measures that will be followed.
- 3) Explain what measures have been taken to create a robust, reliable and diverse/redundant network and whether other 9-1-1 Authorities will be sharing the equipment.
- 4) Explain how the existing 9-1-1 traditional legacy wireline, wireless and VoIP network, along with the databases, will interface and/or be transitioned into the NG9-1-1 system.
- 5) Explain how split exchanges will be handled.
- 6) Explain how the databases will be maintained and how address errors will be corrected and updated on a continuing basis.
- 7) Explain who will be responsible for updating and maintaining the data, at a minimum on a daily basis Monday through Friday.
- 8) Explain what security measures will be placed on the IP 9-1-1 network and equipment to safeguard it from malicious attacks or threats to the system operation and what level of confidentiality will be placed on the system in order to keep unauthorized individuals from accessing it.

Plan Narrative:

The Marshall County ETSB 9-1-1 System is transitioning from E9-1-1 to Next Generation 9-1-1 (NG911). AT&T is the 9-1-1 System Provider ("SSP").

The Marshall County ETSB 9-1-1 System will comply with all Federal and State laws and with National Emergency Number Association Standards (NENA) that pertain to NG911 including the NENA i3 Standard for Next Generation - NENA-STA-010.3a-2021.

The State of Illinois has selected AT&T to provide a statewide Next Generation 9-1-1 System. AT&T's ESInet combines AT&T's network capabilities with technology from Intrado Life &Safety, Inc. (Intrado). The AT&T ESInet solution will facilitate an efficient transition from legacy 9-1-1 networks to networks capable of supporting the growing demands of a mobile society. With AT&T ESInet, the State is taking advantage of AT&T's investment in a pre-built, cloud-based solution that delivers next-generation functionality. AT&T is also providing their industry-leading AT&T VPN MPLS network for primary access to all PSAPs.

AT&T's ESInet solution is a combination of their IP network and Next Gen Core Services (NGCS) components that includes industry leading SLAs, management services and tools to help ensure that they provide the best possible service.

The design is based on building redundant systems to avoid any single point of failure (SPOF) in the ESInet and the overall NG9-1-1 Network Architecture. The NG9-1-1 system will provide flexibility in the routing of calls. The ESInet being deployed has all PSAPs connected and can route calls based on not only location, but also by availability. In a Next Generation solution, a call will be answered through intelligent routing. Additionally, there will be more available positions to answer calls because all connected and tested PSAPs will be technically able to answer the call and will be able to dispatch or transfer the call to another PSAP.

AT&T's ESInet defense-in-depth security is built into the architecture. AT&T's Global IP network is monitored by 8 different Security Operations Center (SOC) facilities located across the world. AT&T uses lits security portfolio capabilities to protect their data centers and networks.

AT&T's ESInet provides six (6) geographically diverse and fully redundant facilities to increase resiliency and survivability in natural and man-made disaster scenarios, with scalable capacity capable of supporting more than twice the 9-1-1 busy hour call for the entire United States. AT&T has documented business continuity and restoration plans, including complex disaster and evacuation contingencies. The 24x7 operations center employs an Incident Handling process modeled on FEMA's Incident Command System,

Plan Narrative:

Connectivity extends beyond the internal ESInet transport to external network and OSP interfaces. The ESInet supports both TDM and IP OSP ingress at geographically distributed Points of Interconnection (POI's). The ESInet supports standards-based protocol interfaces to external ESInets for call hand-off and call transfers. With pre-established connectivity capabilities, PSAPs on the ESInet have the ability to transfer calls to PSAPs on other ESInets or PSAPs that have not yet transitioned off legacy selective routers.

AT&T will coordinate getting the OSPs records into the AT&T ESInet database. AT&T will also jointly plan the interconnecting network with the OSP. Circuits will be ordered and implemented between the OSP and the ESInet POI. The ESInet POI may reside in an AT&T office or hub. AT&T will cooperatively test and turn up all trunking arrangements with the OSP. Traffic migrations from the legacy to new AT&T infrastructure will follow. Integrated Text-to-911 is supported by the ESInet.

AT&T is responsible for negotiating interconnection agreements and tru nking arrangements with each service provider. Interconnection agreements will include the roles and responsibilities of the Parties related to the exchange of 9-1-1 traffic including but not limited to, split rate centers, tandem to tandem and IP connections.

GIS data is submitted to the AT&T ESInet via a web-based spatial interface (SI) portal. The portal provides secure GIS file transfer. 9-1-1 Authorities can maintain their local database schema and configure database changes using attribute field mapping tools.

The Spatial Interface (SI) validation engine logs errors and refers errors back to the originating 9-1-1 Authority in comprehensive reports that are retrieved in the 9-1-1 Enterprise Geospatial Database Management System (9-1-1EGDMS). Validation errors are corrected by the 9-1-1 Authority within their own GIS database. Updates are submitted and processed on an on-going basis.

AT&T's ESInet cyber security policies, standards, and guidelines are consistent with industry best practices as defined by International Organization for Standardization and Control Objectives for Information and related Technology. The AT&T ESInet is a highly secure, privately managed IP network providing IP based call routing services for next generation 9-1-1 call delivery. All inbound and outbound traffic interactions are with pre-authorized entities, utilize agreed upon protocols and traverse controlled access points. Call processing and real-time data delivery are protected through both physical and logical controls.

Sensitive data resides in trusted data centers that employ logical and physical access controls. All hardware and software elements deployed in a production environment go through stringent release management processes that incorporate thorough penetration scan testing. Corporate and development environments are separate from production and are not used in development or system test environments. Inter-zone traffic is restricted to only that of authorized personnel and the necessary protocols destinations used to support the management and applications of the ESInet with all other traffic implicitly denied by way of redundant and diverse Session Border Controllers (SBC) and state firewalls. A Network Operations Center (NOC) staffed 24 hours a day, seven days a week, 365 days a year to actively monitor and manage the AT&T ESInet end-to-end service is provided. When a potential or actual Customer-affecting issue is detected, the incident Administration team is engaged by the NOC. The team uses established processes that are ISO 9001:2008-compliant for immediate escalation, notification, resolution, and reporting. All buildings, NOC and Data Center access are monitored by 24x7 security and access control systems.

The Marshall County ETSB's backup agreement with Woodford County ETSB remains unchanged. Woodford County dispatch 111 E Court St. Eureka II 61530 will serve as our back up PSAP in the event of a 911 service outage or other unforeseen incident that would require our PSAP to be abandoned. I would include Tazewell County as a predetermined alternate route we have used them in the past when our PSAP and our backup at Woodford County would be experiencing a 911 service outage.

The Marshall County ETSB will continue to serve all residents of Marshall County plus 24 residents of northern Woodford County in the 309/246-XXXX telephone number not being served by another 911 system.

Marshall County ETSB's call handling agreements remain unchanged after the implementation of NG911.

FINANCIAL INFORMATION

Annual recurring 9-1-1 network costs prior to modification	\$ <u>N/A</u>
Projected annual recurring 9-1-1 network costs after modification	\$ N/A
Installation cost of the project	\$ TBD
Anticinated annual revenues	\$ N/A

FIVE YEAR STRATEGIC PLAN FOR MODIFIED PLAN

(Provide a detailed summary of the proposed system's operation, including but not limited to, a five-year strategic plan for implementation of the modified 9-1-1 plan with financial projections)

Narrative:
This is dependent upon the services offered by the State and/or the ESInet provided by AT&T and their partners. The Marshall County ETSB will begin utilizing Text to 9-1-1, as the migration to the ESInet creates the foundation for the Marshall County ETSB to accept 9-1-1 text messaging. It is unknown at this time if the carriers will be ready to deliver text messaging by the January 2023 deadline. The Marshall County ETSB expects to take Text to 9-1-1 messages as the services become available and NG911/ESInet project moves forward.
As enhancements to the ESInet bring additional services and features, the Marshall County ETSB will continue to partner with the State 9-1-1 Administrators office to maintain a level of preparedness, allowing us to forecast future hardware and/or software needs.

COMMUNITIES SERVED

Provide a list of all communities to be served by the proposed 9-1-1 System. Please include the name of the community and the official mailing address including street address, city and zip code.

USE ADDITIONAL SHEETS AS NECESSARY

City, Town or Village	Street Address, City, Zip Code
City Of Lacon	406 5th St. Lacon IL 61540
City of Henry	514 Front street, Henry IL 61537
City of Toulca	111 N. Main St. Toluca IL 61369
City of Wenona	226 Chestnut St. Wenona IL 61377
City of Washburn	134 N Jefferson Street, Washburn IL 61570
Village of LaRose	105 S Main St. LaRose IL 61541
Village of Varna	422 Main Street, Varna IL 61375
Village of Camp Grove	Unincorporated
Village of Broadmoor	Unincorporated
Village of Lawn Ridge	Unincorporated
Village of Sparland	123 Center St. Sparland IL. 61565
Village of Hopewell	1 Water Tower Płaza, Hopewell IL 61565
Village of Rutland	101 n. West Front St. Rutland IL. 61358

COMMUNITIES SERVED

Provide a list of all communities to be served by the proposed 9-1-1 System. Please include the name of the community and the official mailing address including street address, city and zip code.

USE ADDITIONAL SHEETS AS NECESSARY

City, Town or Village	Street Address, City, Zip Code

PARTICIPATING AGENCIES

Provide a list of public safety agencies (Police, Fire, EMS etc.) that are to be dispatched by the 9-1-1 System. Each Agencies land area(s) in square miles and estimated population which will have access to the proposed 9-1-1 System. Do not forget to include County Sheriff's jurisdiction and Illinois State Police Districts. Each agency that appears on this list should also have signed a call handling agreement.

9-1-1 Participant Agencies	Street Address, City, Zip Code	Administrative Telephone No.	Direct Dispatch	Transfer	Call Relay
	114 N. Franklin St. Toulon IL. 61483	844-722-7367	N	Y	Y
Stark County Ambulance Eastern Marshall County EMS	210 N. Chestnut St. Wenona, IL. 61377	815-853-0044	Y	N	Ñ
Henry Ambulance	218 Railroad Ave. Henry IL 61537	309-364-3323	Y	N	N
Henry Fire Department	220 Railroad Ave. Henry IL 61537	309-364-3520	Y	N	N
Henry Police Department	218 Railroad Ave. Henry Il 61537	309-364-3933	Y	N	N
Lacon Police Department	405 5th St Lacon IL 61540	309-246-2325	Y	N	N
Lacon/Sparland Fire Dept	921 5 th St Lacon IL 61540	309-246-4095	Y	N	N
Lacon/Sparland Ambulance	921 5 th St Lacon IL 61540	309-246-2095	Y	N	N
Lostant Fire Department	100 E. First St Lostant IL 61334	815-368-3066	Y	N	N
Lostant Ambulance	101 E First ST Lostant IL 61334	309-682-5280	Y	Y	Y
Marshall County Sheriff	520 6th St Lacon IL 61540	309-246-2115	Y	N	N
Minonk Ambulance	636 Jefferson St. Minonk IL 61561	309-432-2730	N	Y	Y
Minonk Fire	666 N. Chestnut St. Minonk IL 61561	309-432-2844	N	Y	Y
Toluca Police Department	102 N. Main St Toluca IL 61369	815-452-2415	Y	N	N
Toluca/Rutland Fire Dept	322 West Railroad St Toluca IL 61369	815-452-2422	Y	N	N
Varna Ambulance	50 Chestnut St Varna IL 61375	309-463-2573	Y	N	N
Varna Fire Department	50 Chestnut St Varna IL 61375	309-463-2573	Y	N	N
Washburn Ambulance	115 East Walnut St. Washburn II 61570	309-248-7219	Y	Y	Y
Washburn Fire Department	115 East Walnut St Washburn II 61570	309-248-7219	Y	Y	Y
Wenona Fire Department	230 N Chestnut St Wenona II 61377	815-853-4090	Y	N	N
Wyoming Fire Department	214 E Williams St Wyoming IL 61491	309-695-5211	Y	Y	Y

PARTICIPATING AGENCIES

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9-1-1 Participant Agencies	Street Address, City, Zip Code	Administrative Telephone No.	Direct Dispatch	Transfer	Call Relay
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ADJACENT AGENCIES LIST

Provide a list of public safety agencies and existing 9-1-1Systems that are adjacent to the proposed system's boundaries. Each agency that appears on this list should also have signed a call handling agreement and/or aid outside jurisdictional boundaries.

AGENCY	STREET ADDRESS, CITY, ZIP CODE	TELEPHONE NUMBER
Putnam County	120 North 4th Street, Hennepin IL 61327	(815) 925-7084
LaSalle County	707 Etna Road, Ottawa IL 61350	(815) 433-2161
Peoria County	301 N Maxwell Road, Peoria IL 61604	(309) 697-8515
Woodford County	111 E. Court Street, Eureka IL 61530	(309) 467-2375
Stark County	130 W. Jefferson St. Toulon IL 61483	(309) 286-2541
ISP Dist 8 (Troop 4)	1265 Lourdes Rd. Metamora IL 61548	(309) 383-2133
ISP Dist 17(Troop 2)	2971 E. 350th Road, Lasalle IL 61301	(815) 224-1171
Peoria City Fire Department	505 N. E. Monroe, Peoria IL 61603	(309) 494-8700
Peoria City ECC	542 SW Adams St, Peoria IL 61602	(309) 672-6011
Bureau County	700 S. Main St, Princeton IL 61356	(815) 872-3091
BUECOM	615 Elm Place, Princeton IL 61356	(815) 872-1420
IVRD ValCom	1901 4th Street, Peru IL 61354	(815) 872-3091
VCOM -911	844 W. Lincoln St ,Pontiac IL. 61764	(815) 844-7399

ADJACENT AGENCIES LIST

Provide a list of public safety agencies and existing 9-1-1Systems that are adjacent to the proposed system's boundaries. Each agency that appears on this list should also have signed a call handling agreement and/or aid outside jurisdictional boundaries.

AGENCY	STREET ADDRESS, CITY, ZIP CODE	TELEPHONE NUMBER
		_

CARRIER LISTING

(Wireline, Wireless, VoIP)

Provide a list of each carrier that will be involved in the proposed system.

(USE ADDITIONAL SHEETS AS NECESSARY)

	(USE ADDITIONAL SHEETS AS NECESSART)	
CARRIERS	STREET ADDRESS, CITY, ZIP CODE	TELEPHONE NUMBER
CenturyLink/Lumen	100 CenturyLink Drive, Monroe LA 71203	800-871-9244
Frontier	Norwalk, CT	800-921-8101
Mediacom	1 Mediacom Way Mediacom Park, NY 10918	888-692-9090
Illinois Valley Cellular	200 Riverfront Drive, Marseilles, IL 61341	800-438-4824
Verizon	140 West Street, New York NY 1007	212-395-1000
AT&T	P.O. Box 97061, Redmond WA 98073	800-331-0500
T-Mobile/Sprint	12920 SE 38 th St, WA 98006	800-318-9270
Bandwidth	Venture III 900 Main Campus Dr #503 Raleigh NC	800-808-5150
Intrado	11808 Miracle Hills Drive, Omaha NB 68154	800-841-9000
Comtech	2401 Elliott Ave. Suite 200 Seattle WA 98121	206-792-2000
Brightspeed	1120 S Tryon St. Ste 700, North Carolina, 28203	833-692-7773
	:	

CARRIER LISTING

(Wireline, Wireless, VoIP)

Provide a list of each carrier that will be involved in the proposed system.

(USE ADDITIONAL SHEETS AS NECESSARY)

NUMBER

ATTACHMENTS

Ordinance - The local ordinance which created an ETSB prior to January 1, 2016.

Contracts - The contract for a new 9-1-1 system provider or for NG 9-1-1 service.

Intergovernmental Agreement

Back-up PSAP Agreement - The agreement that establishes back-up service due to interruptions or overflow services between PSAPs.

Network Diagram - Diagram provided by the 9-1-1 System Provider. Re-evaluate P.01 grade of Service for cost savings and network efficiency.

CALL HANDLING AND AID OUTSIDE JURISDICTIONAL BOUNDARIES AGREEMENT

For 9-1-1 Emergency Communications

This agreement is made between the 9-1-1 Authority, and the (Public Safety Agency), for the purpose of effective handling and routing of 9-1-1 Emergency		
calls.	ior and purpose of chicome numbers grand and grand grand,	
CALL HANDLING		
(9-1-1 System Name) jurisdiction shall dispatch the call in the follo	receiving a call for emergency services in your pwing manner:	
Primary:	(State Specific Procedures if radio frequency-identity number, ity telephone number)	
Secondary:	(State Specific Procedures if radio frequency-identity , if telephone-identity number)	
AID OUTSIDE JURISDICTION BOUNDARIE	ES .	
Once an emergency unit is dispatched in resp to the requesting party without regard to whe	oonse to a request through the system, such unit shall render its service other the unit is operating outside its normal jurisdictional boundaries.	
The legislative intent is that 9-1-1 be used for emergency nature shall be referred to your a	r emergency calls only. Therefore, all calls of an administrative or non- gency's published telephone number.	
The PSAP Center agrees to keep all recorparticipants of the 9-1-1 System.	rds, times, and places of all calls. All records will be available to all	
It shall be the responsibility of your agency to	maintain the report of the call and the disposition of each call received.	
All agreements, management, records, and s	service will be the responsibility of the 9-1-1 authority.	
9-1-1 Authority	Public Safety Agency	
Ву	By	
Title	Title	

TEST PLAN DESCRIPTION

1) Description of test plan (back-up, overflow, failure, database). Please see attached test plan.

2) List wireline exchanges to be tested.
CenturyLink/Lumen
Frontier
Brightspeed
309/ 246,248,249,274,364,399,432,463,469,493,897
815/ 368,437,452,853,863,869
867/
779/

3) List of wireless and VoIP Carriers to be tested.
AT&T Mobility
Verizon
Illinois Valley Cellular
T-Mobile/Sprint
Mediacom
Bandwidth
309/ 211,511,554

Test Plan

TEST #	TEST CASE	TYPE
1	Trunk Verification (SIP)	Call Routing
2	Trunk Verification (SS7 Ingress from LSR)	Call Routing
3	Trunk Verification (SS7 Egress from AGC to LSR)	Call Routing
4	Perform reboot and validation on each AT&T network edge router at PSAP	Failover test
5	Perform WAN interface shutdown and validation on each AT&T network edge router at PSAP	Failover
6	Perform reboot and validation on each ATT Interface Router (between CPE and AT&T router)	
7	Wireline Call Routed to PSAP through AT&T ESInet	Equipment
8	Wireless Call Routed to PSAP through AT&T ESInet	Equipment
9	VOIP Call Routed to PSAP through AT&T ESInet	Equipment
10	CPE bids i3 Components	Call Handling
11	i3 Routing Fails, Routing via SRDB for Wireline call	Call Routing
12	i3 Routing via ECRF for Wireline call	Call Routing
13	i3 Transfer: Fixed Bridge Conferencing Confirmation (Call to IP PSAP then bridge to i3 PSAP if available – willing PSAP)	Call Handling
14	S/R Transfer: Selective Bridge Conferencing Confirmation, if used by the PSAP	Call Handling
15	S/R Transfer: Fixed Bridge Conferencing Confirmation	Call Handling
16	S/R Transfer: Fixed Bridge Conferencing Confirmation	Call Handling
17	PSTN Transfer: Fixed Bridge Conferencing Confirmation	Call Handling
18	Manual Transfer to valid local TN	Call Handling
19	Manual conference bridging to invalid unassigned number	Call Handling
20	Manual conference bridging to a valid 8YY number	Call Handling
21	Manual conference bridging to a valid Busy number	Call Handling
22	Manual conference bridging to a Multi-Party Conference	Call Handling
23	Manual conference bridging to a valid long-distance cell	Call Handling
24	Alternate Routing	Call Routing
25	Ring no Answer Timer	Call Routing
26	No position Logged In	Call Routing
27	Abandonment Routing	Call Routing
28	Un-Abandonment Routing	Call Routing
29	Abandonment Routing – PAD Testing (if PAD available)	Call Routing
30	Un-Abandonment Routing – PAD Testing (if PAD available)	Call Routing
31	Test line appearances that appear on each CPE	Call Processing
32	TTY call	Call Handling
33	TTY conference call	Call Handling

ORDINANCE

WHEREAS, the State of Illinois has enacted into law the Emergency Telephone System Act, as amended, (the "ACT"); and

WHEREAS, the Act enables counties and municipalities to impose a surcharge on monthly billed subscribers of telecommunication carriers at a rate per network connection in order to implement and/or upgrade and maintain a "9-1-1" emergency telephone system; and

WHEREAS, the Act requires the telecommunication carriers to collect the surcharge from its monthly billed subscribers residing within the corporate limits of the county or municipality imposing the surcharge; and

WHEREAS, the Act allows the telecommunication carriers to deduct and retain 3% of the gross amount of surcharge collected for reimbursement of the expense of accounting and collecting the surcharge; and

WHEREAS, the Act further provides that before the surcharge may be imposed it must be authorized by a majority of the voters in a referendum by the county or municipality; and

WHEREAS, the County Board of Marshall County deemed it to be in the best interest of the county to implement and/or upgrade and maintain a "9-1-1" emergency telephone system and to impose a surcharge on the monthly billed subscribers of telecommunication carriers residing within the county to pay for the costs associated therewith;

NOW THEREFORE, be it ordained by the County Board of Marshall County as follows:

Section One. A surcharge is hereby imposed, subject to the provisions of Section Two, upon the monthly billed subscribers of telecommunication carriers residing within the County for funding of a "9-1-1" emergency telephone system.

Section Two. A referendum has been conducted by the County Clerk on the 1st day of April, 1997 ballot for all legal voters residing in the County to vote upon the following question:

Shall the County of Marshall impose a surcharge or up to \$2.60 per month per network connection, which surcharge will be added to the monthly bill you receive for telephone or telecommunications charges for the purpose of installing (or improving) a 9-1-1 emergency telephone system?

Yes

No

Section Three. That a majority of the votes cast upon the question were in favor thereof, a surcharge is hereby imposed on monthly billed subscribers of telecommunication carriers residing within the County at a rate of \$2.60 per month per network connection, as hereinafter defined.

Section Four. A monthly billed subscriber shall be deemed to reside within the County if the service address, as hereinafter defined is located within the County.

Section Five. For the purpose of this ordinance, the following definitions shall apply:

- a. "Network Connection" means the number of voice grade communication channels directly between a subscriber and a telecommunications carrier's public switched network without the intervention of any other telecommunications carriers switched network which would be required to carry the subscriber's interpremises traffic.
- b. "Service Address" means the location of the subscriber's telecommunications facilities accessing the network connection or connection(s) that are subject to the surcharge. If this is not a defined location, service address shall mean the location of a subscriber's primary use of the network connection as defined by telephone number, authorization code, or location in Illinois where bills are sent.
- c. "Telecommunications Carrier" means any natural individual, firm, trust, estate, partnership, association, joint stock company, joint adventure, corporation, municipal corporation, or political subdivision of this State, or a receiver, trustee, conservator or other representative appointed by order of any court engaged in the business of transmitting messages by means of electricity.

Section Six. The County Clerk shall provide any telecommunication carrier collecting the surcharge with certified list of those network connections assigned to the county to be exempt from imposition of the surcharge. The certified list may be revised by the County on 60 days prior written notice provided to the telecommunication carriers.

Section Seven. The surcharge shall be imposed on the first day of the month following the expiration of 90 days from the date the County Clerk certifies to any of the telecommunication carriers who are required to collect the surcharge that the referendum referred to in Section Two has passed.

Section Eight. Each telecommunication carrier is hereby authorized and instructed to deduct 3% from the gross amount of surcharge collected prior to remittance under Section Nine of this ordinance in reimbursement for the expense of accounting and collecting the surcharge.

Section Nine. Every telecommunication carrier shall remit to the County Treasurer the amount of surcharge collected for each calendar month within 30 days following expiration of each month to which the surcharge applies, net of any network or other "9-1-1" or sophisticated "9-1-1" system charge then due to the particular telecommunications carrier as shown on an itemized bill and the 3% accounting and collection charge described in Section Eight.

Section Ten. Simultaneously with the remittance described in Section Nine above, each telecommunication carrier shall make a return to the County Treasurer for the period to which the remittance applies stating as follows:

- 1. The name of the telecommunication carrier.
- The telecommunication carrier's principal place of business.
- The number of network connections to which the surcharge applies.
- The amount of surcharge collected.
- 5. Such other reasonable and related information as the corporate authorities may require.

Section Eleven. IF it shall appear that an amount of surcharge has been paid which was not due under the provisions of this ordinance, whether as the result of a mistake of fact or an error of law, then such amount shall be credited against any surcharge due, or to become due, under this ordinance; provided that no amounts erroneously paid more than three (3) years prior to the filing of a claim therefor shall be so credited. Ninety days prior notice shall be given to the Emergency Telephone System Board on any credit against a surcharge due.

Section Twelve. No action to recover any amount of surcharge due under the provisions of this ordinance shall be commenced more than three (3) years after the due date of such amount.

Section Thirteen. The composition, duties, an responsibilities of the Emergency Telephone System Board shall be specifically delineated by subsequent ordinance.	e
Dated this 10TH day of APRIL , 1997.	
Maryone a Mossetti: Marshall County Clerk	

AYE: 12 0 NAY: 0 0