

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: 07/31/2023

Type of Change:	<input checked="" type="checkbox"/> Long Form Modification Plan	<input type="checkbox"/> Short Form Modification Plan
Current System Name:	Population Served	Land Area in Sq Miles
Oak Lawn Regional Emergency Communications	146,000	41

List PSAPs:	Primary	Secondary
Oak Lawn Regional Emergency Communications	X	

911 System Contact: Diana Tousignant
Street Address: 9446 S. Raymond Ave
City, State and Zip Code: Oak Lawn IL. 60453
Office Telephone: (708) 499-7719
Cellular Telephone: (708) 237-2933
Email: dtousignant@olrec.org

Wireless Coverage for Consolidated System:

100 % Phase II compliant
100 % Phase I compliant

Please check if applicable:

NG9-1-1 capable
 Receive 9-1-1 Text
 Receive 9-1-1 Video

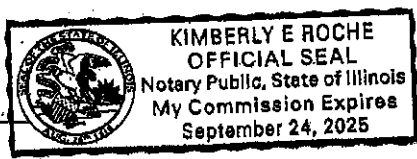
VERIFICATION

I, Diana Tousignant, first being duly sworn upon oath, depose and say that I am Executive Director, of Oak Lawn Regional Emergency Comm; that I have read the foregoing plan by me subscribed and know the contents thereof; that said contents are true in substance and in fact, except as to those matters stated upon information and belief, and as to those, I believe same to be true.

Diana Tousignant

Subscribed and sworn to before me
this 1st day of August, 2023.

Kimberly E Roche
NOTARY PUBLIC, ILLINOIS





Oak Lawn Regional Emergency Communications

9446 S. Raymond Avenue, Oak Lawn, Illinois 60453
Telephone: (708) 499-7721 | Facsimile: (708) 422-4266 | www.oaklawn-il.gov

AT&T
Lisa Wirtanen
4918 W. 95th St
Oak Lawn, IL. 60453

Dear Ms. Wirtanen,

This letter is to confirm our intent to modify our 9-1-1 System from E 9-1-1 to Next Generation 911. 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.

Diana Tousignant

Diana Tousignant, ENP RPL CMCP
Executive Director
Oak Lawn Regional Emergency Communications
Phone: 708-499-7719
Email: dtousignant@olrec.org

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:

See attached: Next Generation 9-1-1 Modification Plan Narrative

Next Generation 9-1-1 Modification Plan Narrative

The Oak Lawn Regional Emergency 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 Oak Lawn Regional 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 its 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, with notifications built into the process.

The ESInet is monitored 24x7x365 from a NOC with tier 2 and tier 3 technical resources dedicated to the AT&T ESInet. AT&T's 9-1-1 Resolution Center has dedicated public safety resources.

The AT&T ESInet provides a flexible routing platform that supports both ESN (tabular) and GIS (spatial) routing on the same Emergency Call Routing Function (ECRF).

The AT&T ESInet solution will interconnect to legacy selective routers as defined per NENA standards. AT&T provides redundant, public safety grade points of presence in each LATA for OSP ingress locations for Legacy Network Gateways (LNGs).

AT&T will interconnect to Legacy Selective Routers to transfer and/or receive calls with Automatic Number Identification (ANI) and Automatic Location Identification (ALI) information to the State's NGCS via legacy means through the Legacy Selective Router Gateway (LSRG). Interconnections will also allow legacy PSAPs served by legacy selective routers to serve as the abandonment route for PSAPs served by the AT&T ESInet solution.

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 trunking 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 stateful 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.

Oak Lawn Regional Emergency Communications utilizes Intrado for Text to 911.

FINANCIAL INFORMATION

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

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:

Not Applicable

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
Village of Oak Lawn	9446 S. Raymond Ave. Oak Lawn IL. 60453
Village of Evergreen Park	9814 S. Kedzie Ave. Evergreen Park IL 60805
Village of Bridgeview	7500 S. Oketo Ave. Bridgeview IL 60455
City of Burbank	5530 W 79th St. Burbank IL 60459
Village of Alsip	4500 W 123rd St. Alsip IL 60803
Village of Hodgkins	8990 Lyons St. Hodgkins IL. 60525

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
Oak Lawn Police Dept	9446 S. Raymond Ave Oak Lawn 60453		X		
Oak Lawn Fire Dept	6451 W 63rd, Pl. Oak Lawn 60453		X		
Evergreen Park Police Dept	9420 S Kedzie Ave. Evergreen Park 60805		x		
Evergreen Park Fire Dept	9000 S. Kedzie Ave. Evergreen Park 60805		x		
Alsip Police Dept	4500 W. 123rd St. Alsip 60803		x		
Alsip Fire Dept	12600 S. Pulaski Alsip 60803		x		
Bridgeview Police Dept	7500 S. Oketo, Bridgeview 60455		x		
Bridgeview Fire Dept	7500 S. Oketo Bridgeview 60455		x		
Bedford Park Fire Dept	6820 S. Archer Rd. Bedford Park 60501			x	
Central Stickney Fire Dept	4951 S. Lotus Ave, Stickney Twnship 60638			x	
Lyons Fire Dept	4043 Joliet Ave, Lyons 60534			x	

ADJACENT AGENCIES LIST

Provide a list of public safety agencies and existing 9-1-1 Systems 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
South West Dispatch	8911 W. 95th St Palos Hills 60465	(708) 448-6180
Desplaines Valley	8652 W. 95th St. Hickory Hills 60457	(708) 598-4800
Cook County	9511 W. Harrison Des Plaines 60016	(708) 865-4700
OEMC	1411 W. Madison Ave Chicago 60607	(312) 749-9111
Illinois State Police	531 Sagamon Ave, Springfield 62702	(217) 782-7245
Justice Police	7800 S. Archer Rd. Justice 60453	(708) 458-2520
Lyons Township Area Comm Center	304 W. Burlington Ave. LaGrange 60525	(708) 215-3586
West Central Consolidated Communications	2359 S. DesPlaines Ave. North Riverside 60546	(708) 447-9191

CARRIER LISTING

(Wireline, Wireless, VoIP)

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

(USE ADDITIONAL SHEETS AS NECESSARY)

CARRIERS	STREET ADDRESS, CITY, ZIP CODE	TELEPHONE NUMBER
AT&T	308 S. Akard St., Ste. 100, Dallas, TX 75202	(210) 821-4105
Frontier	Norwalk, CT	(800) 921-8101
CBeyond	320 Interstate N. Parkway SE, Atlanta, GA 30339	(866) 424-5544
CIMCO	1701 JFK Boulevard, Philadelphia, PA 19103	(215) 286-1700
FOCAL	200 N LaSalle St., Ste 1100, Chicago, IL 60601	(312) 895-8400
GLOBALCOM	17000 Preston Rd., Ste 320, Dallas, TX 75248	(256) 432-2685
LEVEL3	100 Centurylink Dr., Monroe, LA 71203	(318) 388-9000
MCLEOD	1770 Boyson Rd., Hiawatha, IA 52233	(319) 790-7000
MFS	2470 N. 150th, Omaha, NE 68116	(888) 638-6866
PAETEC	200 W. Adams St., Ste 1110, Chicago, IL 60606	(312) 924-9300
SPRINT	6100 Sprint P~wy, Overland Park, KS 66251	(800) 829-0965
TDS METROCOM	525 Junction Rd., Ste. 6000, Madison, WI 53717	(608) 664-4000
IXO COMM	13865 Sunrise Valley Dr, Herndon, VA 20171	(703) 547-2000
MCI	22001 Loudoun County Pkwy, Ashburn, VA	(888) 444-3333
WORLDCOM	22001 Loudoun County Pkwy, Ashburn, VA	(888) 444-3333
Comcast	1701 JFK Boulevard, Philadelphia, PA 19103	(215) 286-1700
Metronet	3701 Communications Way, Evansville, IN 47715	(844) 684-0215
Verizon Wireless	1095 Avenue, New York, NY 10036	(212) 395-1000
T-Mobile	12920 SE 38th St., WA 98006	(425) 378-4000
AT&T Mobility	P.O. Box 97061, Redmond, WA 98073-9761	(800) 331-0500



Diann Tousignant
Director

Richard Bessette
Technology Team Leader

Carrie Brouillette
Operations Team Leader

Chng Kownski
Operations Team Leader

Oak Lawn Police &
Fire Departments

Burbank Police &
Fire Departments

Bridgeview Police &
Fire Departments

Evergreen Park Police &
Fire Departments

Hodgkins Police

Alsip Police and Fire
Departments

Bedford Park
Fire Department

Central Stickney
Fire Protection
District

MABAS Division 21

Oak Lawn Emergency Communications

9446 S. Raymond Avenue, Oak Lawn, Illinois 60453

Telephones: (708) 499-7721 | Facsimile: (708) 422-4266 | www.oaklawn-il.gov

Overflow and Backup Call Handling Agreement

January 04, 2018

For 9-1-1 Emergency Communications

This agreement is made between the 9-1-1 Authority located at the public safety building in Oak Lawn hereinafter referred to as "Oak Lawn Regional Emergency Communications" and Southwest Central Dispatch, for the purpose of effective handling and routing of overflow 9-1-1 emergency calls.

CALL-HANDLING

Southwest Central receiving an overflow call for emergency service in the Oak Lawn, Evergreen Park, Burbank, Bridgeview, Hodgkins, and Alsip jurisdiction shall dispatch the call in the following manner:

Primary: Via telephone at Southwest Central Dispatch to OLREC at 708-499-7721

Secondary: Via telephone at Southwest Central Dispatch to OLREC Supervisor cellphone 708-634-9080 or 708-634-9061

In the event of a complete loss of 9-1-1 service at the Oak Lawn Regional Emergency Communications Center (OLREC), Southwest Central Dispatch agrees to receive all of the 9-1-1 calls for the time required to restore complete 9-1-1 service to Oak Lawn Regional Emergency Communications Center.

Oak Lawn Regional Emergency Communications Center agrees that they will provide additional dispatch personnel to the Southwest Central Dispatch to assist with the increased call volume.

It is assumed that this agreement will impose no financial burden to Southwest Central Dispatch.


Title: Director Oak Lawn Regional
Emergency Communications


Title: Director of
Southwest Central Dispatch



SOUTHWEST CENTRAL 9-1-1 SYSTEM

7811 West College Drive • Palos Heights, IL 60465 • (708) 448-8180 • Fax (708) 448-8829

9-1-1

CALL HANDLING AND AID OUTSIDE JURISDICTIONAL BOUNDARIES AGREEMENT For 9-1-1 Emergency Communications

This Agreement made and entered into between the Southwest Central 9-1-1 System, an Intergovernmental Cooperation Association and Emergency Telephone System Board and SWCD Central Dispatch, a Public Safety Answering Point, (herein after referred to as "SWCD") and the Oak Lawn Regional Emergency Communications, a 9-1-1 Authority and a Public Safety Answering Point (hereinafter referred to as "OLREC")

CALL HANDLING

OLREC receiving a call for emergency services in your jurisdiction shall dispatch the call in the following manner to SWCD:

Primary: Telephone Transfer: via your Agency's primary 9-1-1 Routing Number as identified by AT&T.

Secondary: Direct Dispatch via common radio interconnects: VHF 155.370 MHz, Point to Point (police agencies); or in the case of Fire/EMS agencies VHF 154.265 MHz, IFERN

Tertiary: Telephone to Southwest Central 9-1-1 System via AT&T 708-448-1527, N/A-- Cell 708-638-8941.

AID OUTSIDE JURISDICTION BOUNDARIES

Once an emergency unit is dispatched in response to a request through the system, such unit shall render its service to the requesting party without regard to whether the unit is operating outside its normal jurisdictional boundaries.

The legislative intent is that 9-1-1 is used for emergency calls only. Therefore, all calls of an administrative or nonemergency nature shall be referred to your agency's published telephone number.

The Southwest Central 9-1-1 System PSAP agrees to keep all records, times, and places of all calls. All records will be available to all participants of the 9-1-1 System.

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 service will be the responsibility of the 9-1-1 authority. Any agreements or changes in agreements and operating policies must be approved by the advisory board.

SWCD

OLREC

By: *William A. Kelly*

By: *Debra J. ...*

Title: Secretary of ETSB

Title: Director

Date: 1/8/2018

Date: 1/12/18

SOUTHWEST CENTRAL 911 SYSTEM AND OAK LAWN REGIONAL
EMERGENCY COMMUNICATIONS, A 9-1-1 AUTHORITY
ALTERNATE ROUTING AGREEMENT

This Agreement made and entered into between the Southwest Central 9-1-1 System, an Intergovernmental Cooperation Association and Emergency Telephone System Board and SWCD Central Dispatch, a Public Safety Answering Point, (herein after referred to as "SWCD") and the Oak Lawn Emergency Regional Communications, a 9-1-1 Authority and a Public Safety Answering Point (hereinafter referred to as "OLREC").

WITNESSETH:

WHEREAS, SWCD currently provides Enhanced 9-1-1 service to the cities of Countryside, Palos Heights, Palos Hills; the Village of Chicago Ridge, Crestwood, Indian Head Park, Lemont, Palos Park and Worth; and

WHEREAS, OLREC currently provides Enhanced 9-1-1 service to the Villages of Oak Lawn, Evergreen Park, Bridgeview, Hodgkins and Alsip; and

WHEREAS, under Illinois law an ETSB is required to select a location for alternate routing when all 9-1-1 lines to the primary Public Safety Answering Point ("PSAP") are busy or if the primary PSAP closes down for a period of time due to an emergency situation; and

WHEREAS, Article VII, Section 10 of the 1970 Illinois Constitution and Chapter 127, Section 748 of the Illinois Revised Statutes authorize an intergovernmental cooperation to enter into contracts with units of local government; and

WHEREAS, SWCD and OLREC mutually desire to enter into an Agreement establishing OLREC as the location for alternate routing of 9-1-1 calls when all 9-1-1 lines to SWCD are busy or in the event that SWCD closes down for a period of time due to an emergency situation,

NOW, THEREFOR, in consideration of the above premises, and also the mutual covenants contained herein, SWCD and OLREC do hereby agree as follows:

1. Beginning upon the effective date of this Agreement, when, at any time, the 9-1-1 lines of SWCD serviced by the AT&T Elk Grove Tandum Office are busy or in the event that SWCD closes down for a period of time due to an emergency situation, SWCD shall instruct AT&T to reroute these 9-1-1 calls to OLREC via their designated 9-1-1 trunks. OLREC agrees to process all calls rerouted to OLREC as set out above.
2. When there is a need for alternate routing, SWCD will contact OLREC and advise the reason for the alternate routing request, the length of time the

alternate routing will need to be in effect (if possible), provide personnel from SWCD to assist OLRBC and provide an estimated time of arrival of the SWCD personnel to assist at OLRBC dispatch center.

3. OLRBC agrees to serve as SWCD'S backup PSAP without any compensation, except as provided in this agreement.
4. Any notice permitted or required to be given hereunder by SWCD or OLRBC shall be in writing and shall be personally delivered or mailed, by registered or certified U.S. Mail, postage prepaid, return receipt required, to the party to receive the same as follows:

SOUTHWEST CENTRAL 9-1-1 SYSTEM
Emergency System Telephone Board
ATTN: Chairman
7611 W. College Drive
Palos Heights, IL 60463-2071

OAK LAWN REGIONAL EMERGENCY
COMMUNICATIONS, 9-1-1 AUTHORITY
ATTN: Chairman
9446 S. Raymond
Oak Lawn, IL 60453

Notice by U.S. Mail shall be considered served four (4) days after mailing.

5. This Agreement shall be effective when executed by the proper officials of SWCD and OLRBC. Unless otherwise terminated, this Agreement shall remain in effect perpetually until either SWCD or OLRBC notifies the other, by means of a one hundred twenty (120) day notice, that this Agreement shall be terminated on a date certain no less than one hundred twenty (120) after service of notice to terminate this Agreement.
6. If in the event a Court of proper jurisdiction determines that any paragraph or paragraphs of this Agreement are invalid the parties agree that such invalidity shall not affect the validity of the remaining portions of this Agreement.
7. This Agreement is not assignable by SWCD or OLRBC and any purported assignment of this Agreement by SWCD or OLRBC shall be null and void, provided however SWCD or OLRBC shall be entitled to assign this agreement to any successor entity of SWCD or OLRBC.

8. The persons signing the Agreement on behalf of SWCD or OLREC warrant that they have actual authority to enter into this agreement on behalf of SWCD and OLREC respectively.
9. This Agreement constitutes the complete, final, and entire Agreement between SWCD and OLREC regarding the subject matter of this agreement and supersedes any prior agreements, either written or oral, between the parties.
10. Any modification to this Agreement must be in writing and signed by both SWCD and OLREC.
11. This Agreement shall be governed and construed in accordance with the laws of the State of Illinois.
12. The effective date of this agreement shall be the latest date this agreement is signed by SWCD and OLREC.

IN WITNESS THEREOF, the undersigned governmental units have caused this Agreement to be duly executed.

SWCD

OLREC

BY: *William D. Kelly*

BY: *Devin Jarvis*

TITLE: Secretary, ETSB

Title: Director

Date: January 8, 2018

Date: 1/12/18

TEST PLAN DESCRIPTION

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

See attached test plan

2) List wireline exchanges to be tested.

3) List of wireless and VoIP Carriers to be tested.

Test Plan Description i3

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