System Name: Cook County ETSB – Melrose Park_Stone Park
Case # 26-M-426
Date Filed: 10/28/2026

Illinois State Police (ISP) Review of Plan Modification

Requirement		Information Included	Staff Comment
Contact and 9-1-1 System information		Yes ☒ No ☐	Martin Bennett 9511 Harrison St. Des Plaines, IL 60016 847-294-4744 (o) 312-914-3839 (c) martin.bennett@ccsheriff.org
Verification		Yes ☒ No ☐	
Letter of Intent		Yes ☒ No ☐	
Narrative Statement		Yes ☒ No ☐	
1.	Explain the reason for submitting the modification and provide the name and contact information for your certified 9-1-1 system, NGCS, and NOC/SOC provider	Yes ☒ No ☐ N/A ☐	With this modification, the Villages of Melrose Park and Stone Park will be opting into the Cook County ETSB's 911 system for 9-1-1 call answering and dispatching services. The Proviso-Leyden JETSB's 911 system has also filed a modification plan requesting to opt out the Villages of Melrose Park and Stone Park to Cook County ETSB. 9-1-1 System: AT&T - Joshua Folta jf3574@att.com or 312-291-6235, address is 10 S. Canal St, 25th Fir, Chicago, IL 60606. NGCS: Mercury - Howard Gadorus guru911@mercsys.com or 630-953-3333, address is 123 Ambassador Dr, Ste 151, Naperville, IL60540. NOC/SOC: AT&T Resolution Center 888-424-3911
2.	Explain the national standards, protocols and/or operating measures that will be followed.	Yes ☒ No ☐ N/A ☐	The Cook County 9-1-1 Center has its own Standard Operating Procedures and follows PowerPhone's Total Response Call Handling Protocol System. The IP phone network is protected by a SonicWall

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			NSA 2700 firewall. Computers do not have DNS and internet access is limited by the firewall to the CrowdStrike Falcon Software.
3.	Explain what measures have been taken to create a robust, dependable, and diverse/redundant network and whether other 9-1-1 Authorities will be sharing the equipment.	Yes ☒ No ☐ N/A ☐	There are no changes necessary to the existing 9-1-1 system at the Cook County ETSB. AT&T has determined that Cook County ETSB can add the call load for Melrose Park and Stone Park to its existing network. The MAX-CT system was installed in 2015. In 2022, both core servers in Des Plaines and Maywood were upgraded to high-capacity servers to handle the increase in activity since the Cook County ETSB has expanded operations so rapidly.
4.	Explain what security measures will be placed on the PSAP's 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.	Yes ☒ No ☐ N/A ☐	Cook County ETSB has a redundant primary center in Maywood that operates 24/7. Overflow calls are routed to NWCDS in the event that additional staff is commuting from Des Plaines to Maywood. The network route from Des Plaines to Maywood is through a closed circuit OPT-E-Man circuit and backed up through a microwave connection. Each location can work independently on its own phone controller.
5.	Identify the backup PSAP. (Name and Address)	Yes ☒ No ☐ N/A ☐	Maywood Controller - 1401 Maybrook Dr, Maywood, 60153
6.	Indicate the PSAP Name(s) and Address(es) for your predetermined alternate route(s) or specify if none.	Yes ☒ No ☐ N/A ☐	Northwest Central Dispatch System – 1975 E. Davis Street, Arlington Heights, IL 60005
7.	Explain how split exchanges will be managed.	Yes ☒ No ☐ N/A ☐	We are on ESINet and no longer utilize exchanges, split or otherwise.
8.	Explain how the GIS database will be maintained and how boundary, address point, and street center line errors will be corrected and updated on a continuing basis.	Yes ☒ No ☐ N/A ☐	GIS data is submitted to the AT&T ESINet via web-based Spatial Interface (SI) portal. The portal includes secure GIS file transfer. 9-1-1 authorities can maintain their local database schema and configure database changes using attribute field mapping tools. The 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

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			Enterprise Geospatial Database Management System (9-1-1 EGDMS). 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.
9.	Indicate who will be responsible for updating and maintaining the data. Updates are required whenever there is a change to the Road Centerline layer that includes a new or changed road name(s) or a database change, or annexation that modifies the Law, Fire, or EMS Boundary Layer, and whenever an updated version of the workflow tool is released.	Yes ☒ No ☐ N/A ☐	GeoComm 1100 W. Saint Germain Street, Suite 300 in Saint Cloud, MN 56301 will be responsible for updating and maintaining databases.
Financial Information			
	Current Annual Network Costs (Before Modification)	Yes ☒ No ☐	$14,500.00
	Projected Annual 9-1-1 Network Costs (After Modification)	Yes ☒ No ☐	$15,625.00
	One-Time Installation/Implementation Cost	Yes ☒ No ☐	$956,673.00
	Additional Recurring Costs (if any)	Yes ☒ No ☐	$140,001.00
	Summary of anticipated implementation costs and annual recurring operating costs of the proposed modified 9-1-1 system.		Network costs will increase to $14,625 with the addition of Bellwood, which is projected to cut over around the same time as Melrose Park and Stone Park. The amount listed in the projected annual costs includes the increase after all three have cut over. Network costs are paid by ISP. Implementation costs include the quoted costs for equipment and installation listed below for both municipalities. There will be no costs for Stone Park's fire response since Melrose Park Fire Department is the responding fire agency for the Village of Stone Park.

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			Fire Department Total: $151,489 Incident Management (Tablet Command) - $23,850 Interface Costs for Incident Management (Motorola) - $17,485 10 iPad cases & 3 vehicle mounting kits (X-naut) - $13,019 10 iPad Pros - $15,000 US Digital Designs Fire Station Alerting (Digicom Installations Inc.) - $66,965 Comcast costs for USDD Fire Station Alerting - $500 Mercury equipment costs for Fire Station Alerting - $7,170 RMS (First Due) - $7,500 Police Department Total: $250,859 Melrose Park has 24 vehicles that need modems, cables, modem antennas, power supplies, data cables, MDTs, and MDT docks for a total of $203,471. This equipment will need to be installed into the 24 vehicles, for an approximate cost of $20,400. Stone Park has 5 vehicles that need modems, modem cables, and modem antennas. However, their they are only in need of 1 power supply, data cable, MDT, and MDT dock. The total for their equipment is $22,738. This equipment will need to be installed into their vehicle(s) for an approximate cost of $4,250. Additionally, three full positions will be installed and populated in the 9-1-1 center. The cost for a console is $27,700, a CAD workstation is $3,925, a radio console is $112,890, and a phone position is $40,260 for a total of $184,775. Three positions will cost $554,325. Recurring costs include $9,000 for phone maintenance, $7,770 for radio maintenance, and $15,747 for 29 Motorola P1 Mobile CAD licenses. Additional annual costs for fire operations include Motorola's Tablet Command interface for $3,150, GeoComm's GIS services for Tablet Command at $2,000, and 10 Tablet Command licenses for $9,000. Total annual cost for three positions will be $140,001. Costs increase annually.
Communities Served		Yes ☒ No ☐	
Participating Agencies		Yes ☒ No ☐	
Adjacent 911 Authorities		Yes ☒ No ☐	

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Originating Service Providers (OSP)		Yes ☒ No ☐	
Test Plan		Yes ☒ No ☐	A call with AT&T and Intrado is conducted on cutover and we all work together to switch URIs over then test. Officers and Cook County ETSB staff that are scheduled on-site for cutover conduct landline test calls from the city and station, typically their fax machines. They also participate in testing voice 9-1-1 calls and text to 9-1-1 from all the wireless carriers. Discrepancy Reports are submitted for any misrouted call(s) or text(s).
Zip Codes		Yes ☒ No ☐	
Attachments		If applicable	
	Back-Up PSAP agreement	Yes ☐ No ☒	
	Call Handling Agreements	Yes ☒ No ☐	
	Contracts	Yes ☐ No ☒	
	Network Diagram	Yes ☒ No ☐	

Conclusions:
With this modification, the Villages of Melrose Park and Stone Park will be opting into the Cook County ETSB's 911 system for 9-1-1 call answering and dispatching services. The Proviso-Leyden JETSB's 911 system has also filed a modification plan requesting to opt out the Villages of Melrose Park and Stone Park to Cook County ETSB. The ISP has completed its review of the modified plans and has determined that it meets the requirements for a modified plan filing under 83 Ill. Admin. Code Part 1325.205.

ISP Reviewed by: Catherine Tanner
Date: 10/28/2026

ICC Reviewed by: Calvin Monson
Date: 11/04/2026