

System Name: Northeast Lake County Consolidated ETSB**Case # 16-C-157****Date Filed: 2/27/17****Department Review of Consolidation**

(For consolidation of an unserved county with an existing 9-1-1 authority and the creation of a Joint ETSB or consolidation of either paper ETSBs or multiple ETSBs resulting in the creation of a Joint ETSB and consolidation of individual PSAPs)

Requirement	Information Included	Staff Comment
Contact and 9-1-1 System information	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Northeast Lake County Consolidated ETSB (Gurnee/Zion) Chris Velkover, ETSB Chairman 325 North O'Plaine Road Gurnee, IL 60031 (847)599-7531 chrisv@village.gurnee.il.us
Verification	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Letter of Intent	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Plan Narrative (if incorporating an NG9-1-1 solution, narrative must include the following:)	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<p>The Village of Gurnee and City of Zion are combining their E911 dispatch centers. Both agencies have entered into an IGA to consolidate the existing PSAPs into a consolidated PSAP. Zion will close its current dispatch center and move its dispatching and emergency telephone answering positions to Gurnee's current E9-1-1 site. Gurnee and Zion will form a Joint ETSB known as the Northeast Lake County Consolidated ETSB.</p> <p>The consolidated center, Gurnee Communication Center, will provide dispatch to Gurnee Police, Gurnee Fire, Warren Waukegan Fire Protection District, Newport Fire Protection District, Beach Park Fire Protection District, Zion Police and Zion Fire. There will be 6 positions available to take 9-1-1 calls.</p> <p>Today, the Gurnee Communication Center has a reciprocal back-up agreement with the Waukegan PSAP and they will continue to provide these services to each other in the consolidated system. Also since Zion is currently the backup PSAP for Winthrop Harbor, Gurnee has agreed to become the Village of Winthrop Harbor's backup PSAP</p>

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		since the Zion PSAP is closing and will no longer be able to provide those services. It is important to note that the Winthrop Harbor ETSB will need to file a modification to change its back up from the Village of Zion to Gurnee as well.	
	Name of certified 9-1-1 system provider	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
	Explanation of the national standards, protocols and/or operating measures that will be followed	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
	Explanation of measures taken to create a robust, reliable and diverse/redundant network and whether other 9-1-1 Authorities will be sharing the equipment	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
	Explanation of 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	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
	Explanation of how split exchanges will be handled	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
	Explanation of how the databases will be maintained and how address errors will be corrected and updated on a continuing basis	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
	Explanation of who will be responsible for updating and maintaining the data, at a minimum on a daily basis Monday through Friday	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	
	Explanation of security measures placed on the IP 9-1-1 network	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	

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	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		
Financial Information			
	Name of ETSB(s) that are being dissolved with Total Reserves to be transferred to the Joint ETSB	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Gurnee ETSB - \$0 Reserves Zion ETSB - \$0 Reserves
	Number of answering positions, full-time and part-time dispatchers prior to and after consolidation	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	10 answering positions prior to consolidation 6 answering positions after consolidation 21 full time dispatchers prior to consolidation 18 full time dispatchers after consolidation 6 part time dispatchers prior to consolidation 5 part time dispatchers after consolidation
	Total network cost prior to and after consolidation	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	\$50,846 - total network cost for each entity prior to consolidation \$36,319 - total network cost of the consolidated system
	Network Costs that the State will be responsible for paying	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	\$36,319
	Recurring and nonrecurring consolidation cost	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	\$305,696 - recurring cost for the consolidated system \$519,506.50 - nonrecurring cost for the consolidated system
	All revenue sources for consolidated system	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	\$506,771
Five Year Strategic Plan		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	The proposed consolidation includes closing the Zion PSAP. Costs for consolidation have been enumerated/estimated and factored into a new five-year capital and operations financial plan. The short-term costs exhaust and exceed the available individual ETSB fund balances. The long-term projections show a balance between the combined operating and capital costs vs. surcharge revenues for the

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		<p>resulting Joint ETSB. One-time costs related to consolidation are expected to be completed during FY16-17 and FY17-18. The estimated annual expenditures starting with FY18-19 average \$476,000 for a five year period. Joint ETSB revenues are estimated at \$506,771. One-time consolidation costs are estimated to exceed the available combined ETSB fund balances. This will be addressed with a combination of General Fund Expenditures and potential Consolidation Grant funds. In the absence of outside funding, the expenditures contemplated in the 5-year plan will have to be curtailed, or delayed.</p> <p>Zion Police and Fire will move to the Gurnee CAD system resulting in improved interoperability and reduced operating costs. Additional cost sharing opportunities are being explored as well. Staffing in the consolidated center also leads to further efficiencies.</p>
Communities Served	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Participating Agencies	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Adjacent Agencies	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Carrier Listing	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Attachments		
<div>Ordinances</div>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<p>Ordinance for Gurnee to establish a Joint ETSB Ordinance for Gurnee to dissolve its individual ETSB Ordinance for Zion to establish a Joint ETSB Ordinance for Zion to dissolve its individual ETSB Ordinance for Gurnee approving the IGA for contract for dispatch Ordinance for Zion approving the IGA for contract for dispatch</p>
<div>Intergovernmental agreement(s)</div>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<p>An IGA was provided between Gurnee and Zion to create a Joint ETSB to be known as the Northeast Lake County Consolidated E9-1-1 ETSB. This ETSB will become effective on 5/1/2017 upon approval of the Statewide Administrator.</p>

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			An IGA was provided between Gurnee and Zion for contract of dispatch services.
	Contracts	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
	Back-up PSAP agreement	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Gurnee Communication Center maintains a current agreement with Waukegan whereby they provide reciprocal backup PSAP services to one another. A copy of this agreement is enclosed in the plan. Additionally, because the City of Zion previously provided back-up PSAP services to Winthrop Harbor, the Village of Gurnee has agreed to also provide Back-up PSAP services to Winthrop Harbor.
	Network Diagram	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	The diagram provided in the plan were old diagrams for Gurnee and Zion prior to consolidation. Upon request, AT&T provided an updated diagram reflecting the consolidation, closing of the Zion PSAP and reduction of trunks to the Gurnee PSAP as a result of the P.01 engineering standard requirement (new diagram is attached)
	Call-Handling and Aid outside jurisdictional boundaries agreements	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Missing agreements: Participating Agencies: <ul style="list-style-type: none">• Gurnee Police• Gurnee Fire• Zion Police• Zion Fire• Beach Park Fire Adjacent Agencies: <ul style="list-style-type: none">• Libertyville Police• Libertyville Fire• North Chicago Police• North Chicago Fire• Waukegan Fire• Winthrop Harbor PD
	Test Plan	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

Conclusions:

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Under 50 ILCS 15.4a(a)(2), in any county with a population of at least 250,000 that has more than one Emergency Telephone System Board, Joint Emergency Telephone System Board, or qualified governmental entity, any 9-1-1 Authority serving a population of less than 25,000 shall be consolidated such that no 9-1-1 Authority in the county serves a population of less than 25,000. The City of Zion's 9-1-1 System serves a population of 24,117 so as a result, it is required to consolidate. Zion has chosen to consolidate with the Village of Gurnee 9-1-1 system whose population is 31,054. The combined population served by Gurnee and Zion will be 55,171 which meets the population requirement. The consolidated system will be known as the Northeast Lake County Consolidated ETSB. The IGA states that the Joint ETSB will commence on 5/1/2017 upon the Statewide 9-1-1 Administrator's approval of the plan.

The Northeast Lake County Consolidated ETSB consolidation plan for the Village of Gurnee and the City of Zion generally meets the requirements for a consolidation plan as prescribed by Section 1324.200(c) of Illinois Admin. Code Part 1324.200 – Consolidation of 9-1-1 Emergency Systems. However, there are some missing call handling and aid outside jurisdictional boundaries agreements. The agreements were requested on 3/13/2017, but have not yet been received. It is recommended that the Statewide 9-1-1 Administrator not issue an order of approval until such time that following missing agreements have been provided:

Participating Agencies:

- Gurnee Police
- Gurnee Fire
- Zion Police
- Zion Fire
- Beach Park Fire

Adjacent Agencies:

- Libertyville Police
- Libertyville Fire
- North Chicago Police
- North Chicago Fire
- Waukegan Fire
- Winthrop Harbor PD

Additionally, the plan contained copies of old network diagrams for Gurnee and Zion's 9-1-1 systems. Upon request, AT&T provided a revised diagram which reflects the consolidation, closing of the Zion PSAP and the reduction of trunks to the Gurnee PSAP as a result of the P.01 engineering standard requirement. The P.01 review reduces the wireless trunks from 4 to 2, however the existing 4 trunks for wireline is sufficient and need not be increased or reduced.

Reviewed by: Marci Elliott**Date: 3/13/17**