

# Michigan Public Safety Communications Interoperability Board

## Meeting Agency

June 20, 2017, 2:00 p.m. – 4:00 p.m.  
MSP HQ, 1917 Room, 7150 Harris Drive, Dimondale, MI 48821

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- I. Call to Order
  - A. Welcome – Board Chair Colonel Etue
- II. Roll Call
  - A. Welcome members
- III. Approval of Meeting Minutes
  - A. March 14, 2017 meeting
- IV. Approval of Meeting Agenda
- V. Public Comment
  - A. *Open the floor for any public comment*
- VI. Communications
  - A. *Board has issued no communications*
- VII. Workgroup Reports
  - A. Communications Unit Workgroup
    - 1. Workgroup Update
    - 2. Statewide Communications Interoperability Plan (SCIP) 2017 revision
  - B. Public Safety Broadband Workgroup
    - 1. Workgroup Update
    - 2. Program Update
    - 3. Regional/National Activities/News
  - C. Auxcomm Workgroup
    - 1. Workgroup Update
  - D. Emergency Alert System (EAS) & Integrated Public Alert and Warning System (IPAWS) Workgroup
    - 1. Introduce Co-Chairs (*Sgt. Ronald A. Bush, Berrien County Sheriff's Department & Brianna Briggs, Michigan State Police*)
    - 2. Workgroup Update
- VIII. Old Business
  - A. Department of Homeland Security, Office of Emergency Communications
    - 1. SAFECOM nationwide survey, Nationwide Communications Baseline Assessment <https://www.dhs.gov/safecome/sns>
    - 2. Canada/US cross border interoperability planning session to discuss cross border interoperability issues Buffalo, NY, June 20-21, 2017, two COMU WG members attending for Michigan

**Michigan Public Safety Communications Interoperability Board**  
**Meeting Agency**

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IX. New Business

- A. Department of Homeland Security, Office of Emergency Communications \* FEMA Update
- B. Support of State NextGen 911 funding bills HB4651 and SB 400 – communications from Board
- C. FirstNet informational, workgroup efforts and State Plan activities – communications from Board

X. Technology Update: Director, MPSCS

- A. MPSCS System
  - 1. MPSCS Lifecycle Remediation Project Status – need update from Theron
    - a) Phase 3 underway
    - b) Phase 4 pre-planning
  - 2. 800 MHz Pager adoption
    - a) 2187 Pagers on system – added 724 in last quarter, 111 agencies live – added 66 in last quarter, 9 agencies testing, 99 agencies pending
    - b) Recent article from St. Clair regarding MPSCS Pager issues  
[http://www.thetimesherald.com/story/news/local/marine-city/2017/05/24/new/341705001/?utm\\_source=dlvr.it&utm\\_medium=twitter](http://www.thetimesherald.com/story/news/local/marine-city/2017/05/24/new/341705001/?utm_source=dlvr.it&utm_medium=twitter)
  - 3. Counties/Agencies meeting with/discussion of joining MPSCS
    - a) Lake

XI. Good of the Order

- A. Comments by the Board Members

XII. Meeting dates

- A. 2017 Dates – February 7, March 14, June 13 (rescheduled to June 20), September 12, and December 12

XIII. Adjournment – Next meeting date is proposed for **Tuesday, September 12, 2017**, Michigan State Police HQ, Centennial Room, 7150 Harris Drive, Dimondale, MI at 2:00 p.m.

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Date	Future Agenda Topics
TBD	Review and recommendation to the Governor on the State Plan for FirstNet (Opt-In/Opt-Out)
TBD	Identification and Implementation of Best Practices (governance, policy, strategic vision, technology)

# Michigan Public Safety Communications Interoperability Board

## Meeting Agenda

March 14, 2017, 2:00 PM – 4:00 PM  
MSP HQ, Centennial Room, 7150 Harris Drive, Dimondale, MI 48821

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- I. Call to Order
  - A. Welcome - Board Chair Col. Etue  
*The meeting of the Michigan Public Safety Communications Interoperability Board was called to order by Co-Chair Brad Stoddard on Tuesday, February 14<sup>th</sup> at 2:00pm.*
  
- II. Roll Call
  - A. Welcome new members  
*The following Board Members were present: Col. Kriste Etue, Brad Stoddard, Kenneth Morris, Bryce Tracy(phone), Inspector Chris Bush for Capt. Chris Kelenske, Jerry Ellsworth (for Dr. Jacqueline Scott), Michelle LaJoye-Young, Chief Troy Stern, Curtis Parsons, Chief Adam Carroll, Absent were: Sheriff Dale Gribler, Jeromie Golab, Greg Janik, Eileen Phifer, Eddie Washington, Chief Gary Hagler, Julie Secontine  
Guests were: Pam Matelski, Jim Jarvis, Kate Jannereth, Scott Neal, Arrielle LeGrande, Ken Morckel, Becky Vanst, Kevin Green, Jamel Vinson, John hunt, Eric Swanson,*
  
- B. Approval of Meeting Minutes
  - A. December 13, 2016 meeting
  - B. February 7, 2017 special meeting  
*It was moved by Ken Morris and seconded by Michelle LaJoye-Young to approve the December 13, 2016 and February 7, 2017 meeting minutes. **Motion was carried.***
  
- C. Approval of Meeting Agenda  
*It was moved by Troy Stern and seconded by Curtis Parsons to approve the agenda. **Motion was carried.***
  
- D. Public Comment  
*There was no public comment.*
  
- E. Communications  
*Board has issued no communications*
  
- VII. Workgroup Reports
  - A. Communications Workgroup
    - a. *April 4-6 and June 6-8 COML classes being held.*
    - b. *Working on COMT class Fall of 2017.*
    - c. *Face-to-face meeting May 8<sup>th</sup> in Grand Rapids prior to the Great Lakes Homeland Security Conference.*
    - d. *Collaboration with Auxcomm and MSP-EMHSD on credentialing.*
    - e. *Discussing CEU's or renewal process for COML/COMTs.*
  
  - B. Public Safety Broadband Workgroup
    - a. National Telecommunications and Information Agency (NTIA), State and Local Implementation Grant Program (SLIGP)
      - i. Workgroup Efforts
      - ii. Regional/National Activities/News
      - iii. FirstNet Governance Review
        - 1. **FirstNet Team Presentation** *Presentations covered planning methodology, status updates and next steps.*

2017 Meeting Dates: February 7, March 14, June 13, September 12, and December 12

- C. Auxcomm Workgroup  
*There was no Auxcomm Workgroup update.*

VIII. Old Business

- A. Department of Homeland Security, Office of Emergency Communications
- a. Statewide Communications Interoperability Plan (SCIP) 2017 revision
  - b. *Special meeting: COMU WG members attended and will lead the effort. Need strategic focus from Board Members. Example: Prior SCIP Voice to Data, NextGen 911, etc. Need to revise for next 2-5 years. Need Public Safety Broadband and Auxcomm, State 911 Committee included.*
  - c. *Anyone interested in this process let Brad, Kate or Bryce know.*
  - d. *Face-to-face COMU WG meeting will review the SCIP May 8, 2017.*
  - e. *Jim Jarvis: Handouts on SCIP:*
    1. *OEC will ask SWIC do you want the old process or the new process? No decision by board but consider how we as Michigan wants to move forward with using SCIP and focus on COMU activities. Possibly bring in governance, public safety broadband and NextGen911 into the SCIP.*

IX. New Business

- A. Department of Homeland Security, Office of Emergency Communications & FEMA Update
- a. *Fact sheet on SafeComm Survey: Where are we as a nation on interoperability? Survey coming soon, roughly 30 questions. All disciplines and all state, fed, local and tribal levels.*
  - b. *Nationwide council of interop coordinators. Planning session once a year. SafeComm is 56 pub safety agencies to talk about communications issues that impact day-to-day activities.*
  - c. *Cross-border: CANUS-CIWG, Canada/US Communications Interoperability Working Group.. Planning session in Buffalo in June to talk about cross-border communications issues.*
  - d. *Working with COMU WG on COML technical assistance offering.*
- B. Creation of New Workgroup “Emergency Alerting System (EAS) & Integrated Public Alert and Warning System (IPAWS)”
- a. *Auxcomm has mentioned EAS and IPAWS shouldn’t be in their swim lane.*
  - b. *Motion to create new workgroup*
    - i. *Bryce moved*
    - ii. *Adam seconded*
    - iii. *Will look for a representative chair of that group. Possibly under Capt. Kelenske.*

X. Technology Update - Director, MPSCS

- A. MPSCS System
- a. MPSCS Lifecycle Remediation Project Status
    - *Phase 3 planning underway – Entire UP. 1/3 of tower sites up there.*
    - *Phase 4 discussions & pre-planning All of SE Michigan. More Simulcast systems.*
  - b. 800 MHz Pager adoption
    - *1463 Pagers on system; 45 agencies live, 3 agencies testing, 103 agencies pending; recent county adoptions: Saginaw, Washtenaw, Keweenaw*
  - c. Counties/Agencies meeting with/discussion of joining MPSCS
    - *Lenawee, Jackson is joining, may partner with Lenawee. Muskegon doing coverage studies.*

XI. Good of the Order

- A. Comments by Board Members – *none.*

XII. Meeting dates

- A. 2017 Dates - February 7, March 14, June 13, September 12, and December 12

XIII. Adjournment – Next meeting date is proposed for **Tuesday, June 13, 2017**

Michigan State Police HQ, Centennial Room, 7150 Harris Drive, Dimondale MI at 2:00 p.m  
*It was moved by Troy Stern, seconded by Brad Stoddard to adjourn the meeting. **Motion was carried.***

2017 Meeting Dates: February 7, March 14, June 13, September 12, and December 12

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Date	Future Agenda Topics
TBD TBD	Review and recommendation to the Governor on the State Plan for FirstNet Identification and Implementation of Best Practices (governance, policy, strategic vision, technology)

2017 Meeting Dates: February 7, March 14, June 13, September 12, and December 12



STATE OF MICHIGAN

## MICHIGAN PUBLIC SAFETY COMMUNICATIONS INTEROPERABILITY BOARD

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### STATUS OF CURRENT ACTIONS REPORT TO THE MPSCIB – JUNE 2017 – COMU WG

#### Interop Board Action Items

Submittal of COMU WG approved COML's and COMT's – attachment.

Began State Communications Interoperability Plan (SCIP) strategy update review at March 8<sup>th</sup> meeting in Grand Rapids.

#### New Items

Finalizing CEU's or renewal process for COML/COMT.

Collaboration with AuxComm and MSP-EMHSD regarding credentialing practices. In progress.

MIFOG Formatting and print update.

Asset typing for communications assets.

#### What's on the Horizon

Establishing small training webinars for CASM/Communications best practices.

Continue MI COMU WG education and outreach efforts.

Next meetings: June 28, 2017 (Conference Call) – Face to face meeting after Labor Day.

#### Training and Exercises

April 4-6 COML class in coordination with MSP-EMHSD and OEC. – MSP Training Center

June 6-8 COML class in coordination with MSP-EMHSD – University Center Gaylord

June 19-23 COMT class in coordination with Eaton County – Eaton County Dispatch

CANUS June 21-22 Work Group in coordination with DHS – Buffalo, New York

August 2-3 COMMEX Train-the-Trainer in coordination with Indiana – Indianapolis International Airport

Planning process for COMMEX 2 to take place in early 2018.

Working on COMT and AUXCOMM Train-the-Trainer possibilities.

Tentatively planning AuxComm class in the Fall 2017.



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MICHIGAN PUBLIC SAFETY COMMUNICATIONS INTEROPERABILITY BOARD

LANSING

STATUS OF CURRENT ACTIONS REPORT TO THE MPSCIB – 17Q2 – AUXCOMM WG

Interop Board Action Items

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New Items

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What's on the Horizon

Auxcomm WG expects MECP completion by the end of Q3, only severe weather outstanding.

SEOC VHF footprinting – should allow us to prepare template 205s per county.

Annual Simulated Emergency Test end of September.

Expect that the Repeater Survey will be completed 4Q.

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Training and Exercises

Participated in D.C. Cook Series.

Will have participated in the 2017 Statewide by the time of the board meeting.

Annual EC conference July 8. Board members welcome to attend

<http://www.sectionouting.info> for details.

Progress Report

By the end of the quarter, a more complete report will be available at:

[http://auxcomm-mi.org/downloads/Auxcomm--Auxcomm\\_WG\\_2Q17-en-US.pdf](http://auxcomm-mi.org/downloads/Auxcomm--Auxcomm_WG_2Q17-en-US.pdf)

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## MICHIGAN PUBLIC SAFETY COMMUNICATIONS INTEROPERABILITY BOARD

LANSING

### STATUS OF CURRENT ACTIONS REPORT TO THE MPSCIB – JUNE 20, 2017 MICHIGAN'S PUBLIC SAFETY BROADBAND WORKGROUP

#### Interop Board Action Items

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#### New Items

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On March 30, 2017, FirstNet announced the selection of AT&T as their carrier partner to build, operate and maintain the Nationwide Public Safety Broadband Network (NPSBN). AT&T plans to offer FirstNet partner benefits across their existing network immediately following a state's decision to opt-in:

- Access to AT&T's \$180B nationwide infrastructure and services, in addition to a \$40B future investment across the Band 14 network
- 99% of population covered prior to any new buildout
- Guaranteed Quality of Service and Priority Access to public safety users upon adoption, and Preemption across both legacy and Band 14 networks by the end of 2017
- Dedicated 24x7 public safety help desk to understand differentiated services
- Public safety application store (similar to Apple Store or Google Play)

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In May, FirstNet delivered the State Plan Guidance Package, identifying Michigan's State Plan delivery and review timeline, the type of information that will be included in the Governor's (proprietary) and Marketing (public) sides of the FirstNet Portal, the Terms of Use for access to sensitive and proprietary information, and the procedure to submit comments and request modifications to the Draft Plan.

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The FirstNet State Plan will be evaluated by a geographically diverse and multi-discipline team of public safety representatives and subject matter experts.

Sensitive and/or proprietary information will be communicated to technical, security, and business advisors via the Governor's side of the FirstNet Portal. Reviewers are asked to provide comment, which will be aggregated and presented to FirstNet at the end of the 45 day review period.

The public-facing side of the FirstNet Portal does not offer the ability to provide comment, therefore the State has developed a customized web-based portal to communicate this information and collect comment from public safety agencies.

At a minimum, evaluation of the proposal will cover the following: inclusion of Michigan's coverage and capacity priorities; a self-sustaining, user-based financial model with long-term financial viability; user fees, subscriber devices and applications authorized for use, and customer support model; Michigan's ability to provide input in the ongoing network operations; and the associated operational, technical, financial risks.

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### What's on the Horizon

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Based on current information, FirstNet will deliver planning documents as follows:

- Mid June 2017 - Draft State Plan. This is the initial proposal for the network architecture and security; coverage, capacity, and phased buildout maps; information on the features, applications, devices, and services (including pricing plans) offered by FirstNet.
    - 45 day period for review and comment
    - It is anticipated revisions will need to be cost-neutral
  - September 2017 - Final State Plan. This will be similar in content to the Draft State Plan with any mutually agreed upon revisions.
    - Governor Snyder will have 90 days to review and make a decision as to whether Michigan will "opt-in" to accept the FirstNet State Plan or "opt-out."
    - The decision to opt-out places the responsibility with the State for the design, implementation, and operation of a RAN that is fully compatible with FirstNet.
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### Training and Exercises

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June 13, 2017 – State Plan Review Team Kickoff Meeting

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June 27, 2017 – State Plan Portal Training Webinar

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### STATUS/UPDTAE OF CURRENT ACTIONS REPORT TO THE MPSCIB – MONTH YEAR – EMERGENCY ALERT SYSTEM (EAS) & INTEGRATED PUBLIC ALERT AND WARNING SYSTEM (IPAWS) WORKGROUP

#### Interop Board Action Items

*None this quarter*

#### New Items

*List items for update and awareness for the boards knowledge since the last quarterly report*

The EAS and IPAWS Workgroup was formalized and formally kicked off on April 27, 2017. The Co-Chairs of the workgroup are Brianna Briggs of the MSP/EMHSD and Ron Bush of Berrien County.

Representation on the group has been established to include representatives from each MSP Region, SECC, MSP Operations, MAB, National Guard and NOAA.

The workgroup will meet every other month, or as needed in between, on the 4<sup>th</sup> Thursday of the month. The next meeting is scheduled for June 22.

#### What's on the Horizon

*Identify any work efforts, meetings, or information for upcoming activities the board should be aware of*

**EAS Request for Proposal –** This is a main focus of the group. MSP/EMHSD has submitted a request for staff augmentation to assist with the requirements gathering and RFP development, if necessary, to determine the needs for a statewide EAS and the capabilities required. Currently, this request is being reviewed and processed by the Michigan Department of Technology, Management & Budget (DTMB). We're currently working with DTMB to determine whether or not a Lean Process Improvement (LPI) is required prior to requirements gathering.

**IPAWS Recommendations –** The group will begin to formulate recommendations for IPAWS compliance throughout the state.

**Integrate EAS/IPAWS into SCIP –** In the near future, the group will work to determine how best to incorporate EAS/IPAWS into the SCIP. An initial list of goals and objectives has been provided to the SWIC for incorporation in to the SCIP. As discussions continue within the workgroup, additional items will be identified for inclusion.

One of the main goals will be to increase the number of P.A. 390 programs that have a Memorandum of Agreement with FEMA to use IPAWS. This will include improving agency participation with the Michigan Association of Broadcasters in sending the Required Monthly Test activation to test their ability to originate a live message. This will include expanding the use of the FEMA Joint Interoperable Test Command (JITC) testing lab in training and exercises.

Planning will be to update the Regional and State Emergency Alert System plans and to increase the number of counties that have their own local EAS plans. This will include the development of a process for local P.A. 390 jurisdictions to have the ability to send Wireless Emergency Alert messages in their area.

Longer goals include the development of a process to improve State-to-State cross border EAS messaging where media markets cross state borders and to develop a First Informer program for the



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## MICHIGAN PUBLIC SAFETY COMMUNICATIONS INTEROPERABILITY BOARD

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media. The First Informer program follows a program developed by Indiana and their broadcast association with assistance from FEMA. It will provide a process to allow broadcast engineers to be trained and credentialed for access to their broadcast/transmitter sites that may be inside the impact or restricted areas following an emergency or disaster. The benefit is to maintain communications to the public.

Regional Interoperability Boards – Discussion will continue on how EAS/IPAWS and general communications can be a regular item for the Regional Homeland Security Boards or a subgroup (such as the Regional Interoperability Boards/Workgroups). A few regions have continued to hold meetings of their Regional Interoperability Boards, established when the PSIC grant was available.

Regional Reports – Going forward, prior to all meetings, regional representatives will be asked to provide an update on EAS/IPAWS discussions at the regional level. A template will be developed for reporting.

Strategic Plan – The group will begin putting together a strategic plan that will align with the SCIP and any items addressed in the SCIP related to EAS/IPAWS. The strategy will be 24-36 months and will provide clear strategic goals and objectives.

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### Training and Exercises

*Identify any training or exercises the workgroup has or will be participating in*

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Berrien County successfully demonstrated the use of EAS/IPAWS during their biennial DC Cook Nuclear Power Plant FEMA evaluated exercise. This was the first demonstration of IPAWS under the Radiological Emergency Preparedness Program Manual criteria. A Nuclear Warning message was sent to the JITC lab and a live Required Weekly Test message sent to our Local Primary radio stations.

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# HB 4651 & SB 400 Talking Points

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## **What will Next-Gen 911 do for Michigan residents?**

Next-Gen 911 will allow greater amounts of data along with the 911 call, including videos, crash data from in-vehicle automated systems, and texting. It will also give equal access to 911 to the speech and hearing impaired community.

Just as important, it will provide greater call transferability, network reliability, and accuracy for locating wireless callers. Next-Gen 911 is not a third party web based supplemental application such as Smart911. It is a replacement of the entire 911 network and infrastructure.

## **How do we get to NG 911?**

The first and most critical step is the development of an Internet Protocol (IP) network to replace the legacy copper lines. The current network was designed for hard-wired telephones, utilizing copper lines and call-routing mechanisms that are decades old. The new IP network must be robust enough to handle large amounts of data, while simultaneously being secure and redundant allowing 911 centers throughout the State to share and transfer information across county lines.

## **What is the status of the development of this IP network?**

Currently 30 Michigan counties are contracting for an IP Emergency Service network. Other counties are in the process of researching or developing plans for an IP network. A critical component in this technological development is the impact on funding. The current funding system is inadequate to fund the new technologies. The primary funding method, known as the U-14000 fund was established in 2004. The fund is currently using its reserves and will be exhausted by early 2018. This funding shortfall has potential impact on all 911 centers and counties, not just those using or moving to an IP-911 network.

## **Why is this necessary now?**

Current events spanning multiple jurisdictions, including mass shootings such as the 2016 Kalamazoo tragedy, demonstrate the need for a 911 system with greater capabilities.

The most critical needs are greater accuracy in the ability to locate wireless callers in an emergency and system reliability. It is essential for our local 911 centers to be able to locate people that need help. The current system is moving today's digital technology through an analog legacy system. The IP Network streamlines the process by moving the digital 911 calls for help to a robust and redundant digital 911 system, increasing the reliability and flexibility of the network. The efficient call processing times and greater call transferability are essential to protecting lives and property in an ever-mobile and complex communications system.

## What are the key proposed legislative changes?

- Create a fund (I-Fund) that allows the State 911 Committee (SNC) to approve payment for the IP-based 911 network costs that meet standards for redundancy, security, and reliability.
- Provide the State 911 Committee with standing to take legal action if 911 fees are not paid into the fund. In 2013, the SNC brought an action before the Michigan Public Service Commission (MPSC) for non-payment of the state 911 fee by a prepaid provider. The administrative judge held that the SNC presently does not have legal standing to take action on behalf of the state 911 fund.
- Increase the State 911 fee from \$0.19 to \$0.25.
- Adjust the amount collected by retailers on prepaid wireless cards from 1.92% to 4.19%. This is necessary to ensure that the prepaid customers are paying the same, equitable amount as the postpaid customers. The factoring data last used for determining the prepaid support of 911 was from 2006. This data was prior to the market expansion of the prepaid communications.
- Allow a county board of commissioners to increase the local 911 fee from \$0.42 to \$0.55 without a ballot. The maximum amount a county board of commissioners can levy without having to go to a ballot has remained unchanged at \$0.42 since 2008.
- Provide the State 911 Office with needed funding to meet the increased duties and levels of services that have been added to the office since its creation in 2004. This would include the automation of its databases to track: training, reporting, funding data, and notices required under changes in the statute. Also to provide the staffing and service levels to meet the increased program responsibilities of the SNC and its 911 office.