



Kansas 9-1-1 Coordinating Council

Meeting Agenda

Friday, December 10, 2021, 9:00 A.M., web conference

- Call to Order
- Roll Call
- Minutes of Council Meeting, August 27, 2021
- Executive Committee Report
- LCPA Financial Report
- Federal 911 Grant Report
- Administrator Report
- Communication and Training Coordinator Report
- Liaison-North Report
- Liaison-South Report
- Operations Committee Report
- Expenditure Review Committee Report
- Training Subcommittee Report
- Public Education and NG911 Technologies Policies Subcommittee Report
- GIS Committee Report
- Call Handling Mapping Status
- Program Portal Status
- GIS Outreach Activities
- Geospatial Call Routing Status
- Technical Committee Report
- Program Management Report
- Executive Session
- New Business
- Next Meeting, Friday, January 21, 2022 (web conference)
- Adjourn



Kansas 9-1-1 Coordinating Council Meeting Minutes

Friday, August 27, 2021 – web conference

1 Call to Order

Due to a schedule conflict, Chief Heitschmidt, Kansas 911 Coordinating Council (“Council”), asked Scott Ekberg, NG911 Administrator, to chair the Council meeting. Scott called the meeting to order at 9:01 A.M. Scott reviewed the Kansas Open Meetings Act (KOMA) rules for the meeting including the disabling of the chat feature of web conference.

2 Roll Call

Gayle Schwarzrock took roll. There were 10 voting members, and 8 non-voting members present at the start of the meeting. Some Council members joined the meeting after roll call and some Council members had to leave the meeting early.

Council Members in Attendance

Voting Members: Melanie Bergers, Senator Rick Billinger, Troy Briggs, Jac Brown, Representative John Carmichael, Robert Cooper, Senator Marci Francisco, Scott Hilbrink, Representative Kyle Hoffman, Sherry Massey, Becky Snook, Brooks Wederski, and Ellen Wernicke.

Non-Voting Members: Terry Clark, Jerry Daniels, Mike Daniels, Robert McDonald, Ken Nelson, Elizabeth Phillips, Michael Ruffin, Sara Spinks, and Mark Tucker

Council Members Absent

Voting Members: Jerry Harrison, Josh Michaelis, Nick Robbins, and Jonathan York

Non-Voting Members: Patrick Fucik

Also in Attendance

Michele Abbott, Lori Criqui, Eileen Battles, Kathleen Becker, Scott Ekberg, Angela Murphy, Braden Perry, Phill Ryan, Gayle Schwarzrock, and Randall White.

3 Approval of Minutes

Scott Ekberg presented the June 11, 2021, meeting minutes for review and discussion. No issues or questions were raised.

Motion to approve the June 11, 2021, Minutes made by Ellen Wernicke; seconded by Becky Snook.
Motion carried.



Voting Members	Yea	Nay	Abstain
Melanie Bergers, PSAPs over 75k	X		
Senator Rick Billinger			X
Troy Briggs, Kansas Sheriffs' Association	X		
Representative John Carmichael			X
Senator Marci Francisco	X		
Jerry Harrison, Kansas Association Chiefs of Police			
Scott Hilbrink, Fire Chief	X		
Representative Kyle Hoffman			
Sherry Massey, PSAPs under 75k	X		
Becky Snook, Kansas APCO	X		
Brooks Wederski, Government IT	X		
Ellen Wernicke, PSAPs over 75k	X		
VOTE: Approval of June 11, 2021 Meeting Minutes MOTION BY: Ellen Wernicke SECONDED BY: Becky Snook PASSED: 8 yea and 2 abstain. Motion carried.			

4 Executive Committee Report

The Executive Committee Report was presented by NG911 Administrator, Scott Ekberg.

Travel Policy. Scott advised that due to the resurgence of COVID, the decision was made by the Executive Committee to revert to all virtual meetings for the Council and committees of the Council through the end of 2021. At that time, the policy will be revisited to determine whether virtual meetings will continue or if in-person meetings can be reinstated. This policy includes the 911 Admin Training Day, as well as the general meeting scheduled during the APCO Conference in November. The travel policy also includes travel for work-related matters of Council staff. Only essential travel is authorized.

Retiring Council Members. Scott extended thanks on behalf of the Council to Kathy Kuenstler and Chief Robert McLemore for their many years of service on the Council. Their participation directly contributed to the success of Kansas NG911. Thank you!

Council Member Appointments and Reappointments. Scott advised that Scott Hilbrink will replace Chief McLemore on behalf of the Fire Chiefs Association representative. Becky Snook will replace Kathy Kuenstler on behalf of Kansas APCO. In addition, Michael Ruffin with AT&T is replacing John Fox. Scott also advised that several reappointments have also been approved by the Governor's Office. Scott thanked them for continuing to serve on the Council.

5 LCPA Report

The LCPA Report was presented by Kathleen Becker, Mainstream Nonprofit Solutions Inc., LCPA for the Council. Katy shared the financials as of June 30, 2021.



Balance Sheet is in order with no issues or concerns.

Income Statement Summary Sheet. Revenue and expenses are on track as anticipated for mid-term budget year. Interest income is modest due to the economy and investment fees. Summary sheet is in order with no issues or concerns.

State Fund is in order with no issues or concerns.

Operations Fund is running under budget and Kathy believes we will be under budget by year end, as well. The operating expense is 1.16% - well below the 2.0% limit. The Operations Fund is in order with no issues or concerns.

State Grant Fund continues to grow slowly. It is in order with no issues or concerns.

Federal 911 Grant Report. Kathy shared that PSAPs leveraged \$3 million in items, which included \$1.8 million from federal grants. Additionally, the Council received \$159,000 in grant. Sherry Massey advised that the window for PSAPs to make use of the subgrants closes in November 2021. The deadline for all final reporting and documentation to the federal government is in March 2022. Currently, there are just a few outstanding PSAP subgrants and the Council is in communication with those PSAPs regarding their completion and final paperwork. There is some paperwork that needs to be completed with some PSAPs and federal government, but Sherry feels everything will be settled fine. The Council's portion of the subgrants is complete and reimbursement has been received. Except for the outstanding subgrant projects, everything is complete.

Motion to approve the LCPA financial reports for June 30, 2021, made by Becky Snook; seconded by Senator Marci Francisco. **Motion carried.**

Voting Members	Yea	Nay	Abstain
Melanie Bergers, PSAPs over 75k	X		
Senator Rick Billinger	X		
Troy Briggs, KSA	X		
Representative John Carmichael		X	
Robert Cooper, Commission Deaf & Hard Hearing	X		
Senator Marci Francisco	X		
Scott Hilbrink, Fire Chief	X		
Representative Kyle Hoffman	X		
Sherry Massey, PSAPs under 75k	X		
Becky Snook, KS APCO	X		
Brooks Wederski, Govt IT	X		
Ellen Wernicke, PSAPs over 75k	X		
VOTE: Approval of the LCPA Financial Reports MOTION BY: Becky Snook SECONDED BY: Senator Marci Francisco PASSED: 11 yea and 1 nay. Motion carried.			



6 Administrator's Report

The Administrator's Report was presented by Scott Ekberg.

Council Member Handbook. This is a standing agenda item to be presented for questions, additions, or edits. None were raised.

Service Interruption of 7/25/2021. Scott advised that on July 25, 2021, during a planned maintenance window, 45 PSAPs across Kansas were affected whereby their 911 service was re-routed to their administrative phone lines during that event. All but one of those affected PSAPs had continuity of operations. Only Sedgwick County experienced a lapse in 911 service. AT&T sent a copy of their proprietary Root Cause Analysis (RCA) to the NG911 Administrator, Scott Ekberg, shortly after the event. The document is handled as "proprietary" for security reasons since AT&T NG911 operations are included in their report. Consequently, full details of the event could not be release in a public forum such as this Council meeting. Nevertheless, at the request of Scott Ekberg, Kate Beinecke, AT&T Director of 911 Service Management, provided this non-proprietary explanation of the event.

- AT&T performed standard planned maintenance activities the night of July 24, 2021, into the morning of July 25, 2021.
- During that activity, a re-route of Sedgwick County's 911 traffic was initiated in error by AT&T.
- When the error was identified, the re-route was removed to restore call delivery.
- Essentially, the event was caused by work error and not a failure of the 911 network or the 911 call handling platform. There was a human element to this event.
- After the event, the errors were addressed as coaching opportunities with the appropriate work center and
- Internal practices and documentation were updated to ensure this type of event does not occur in the future.

Representative Carmichael, a State Representative from Wichita, Kansas, inquired about the AT&T Root Cause Analysis marked as confidential. He advised that he filed a KORA request with the Kansas 911 Coordinating Council. In respect to AT&T confidentiality, the Council did not provide the confidential analysis to him. However, Scott furnished Sedgwick County and Rep. Carmichael with a copy of his NG911 RCA. [The NG911 Administrator is responsible for preparing and submitting all Kansas NG911 RCA's according to the NG911 Governance Plan because the Administrator has holistic oversight of Kansas NG911.] Representative Carmichael read what was provided by the Council, via his KORA request, regarding what happened at approximately 12:30 a.m. on July 25, 2021, that caused his town to be without 911 services for 2 hours.

"Through post-event analysis it has been determined inaccurate information regarding the specific PSAPs that required re-routes was entered in the planned maintenance activity plan. The plan indicated Sedgwick County was a re-route, which was unnecessary due to having redundant network connections. When the re-route for Sedgwick County was implemented, a test call was placed to verify the re-route was successful but did not reach live PSAP personnel. AT&T did not make additional attempts to verify the re-route was successful."

Kate Beinecke replied that this event was not a platform failure but rather human error due to miscommunication.



Sheriff Troy Briggs commented that his PSAP has had other outages in relation to fiber and partly on AT&T's part and partly on Kansas Fiber Network's part. He raised concerns about platform redundancy. Scott stated it is important to remember that our system design does not expect every PSAP to be up 100% of the time. We cannot afford to do that. Our system design accepts that individual PSAPs, when fiber cuts or whatever happens, will go down. The system design is that the calls are presented for answer; not necessarily at the PSAP that they normally would be answered at, but that every call is presented for answer. In the case of Sedgwick County, Scott advised that the 9-1-1 calls went to their administrative telephone system which they were not monitoring at the time. Since they had no one logged into their admin system, their auto attendant system was answering 9-1-1 calls and telling callers the operators were busy, and to remain on hold. Rep. Carmichael reminded the Council and our provider that since we are responsible for public safety, 9-1-1 service failure is not acceptable. Scott responded that this event was coaching opportunity for AT&T to ensure no recurrence.

KAR Adoption. Scott advised that the KARs needing to be published were presented to and approved by the Director of Budget, Department of Administration, and Attorney General's Office. The KARs were then published in the Kansas Register. They were presented to Joint Committee on Administrative Regulations. A public hearing was held on July 19, 2021, with no appearances. The next step is formal adoption of the KARs by the Council. He reviewed each KAR and presented each for a motion to adopt.

- KAR 132-1-1. Motion by Rep. John Carmichael; seconded by Rep. Kyle Hoffman. **Motion carried.**
- KAR 132-1-2. Motion by Rep. John Carmichael; seconded by Sherry Massey. **Motion carried.**
- KAR 132-2-1. Motion by Sen. Francisco; seconded by Jac Brown. **Motion carried.** Rep. Carmichael stated that this regulation is appropriate because that is what the legislature decided. He expressed his concern that contact extensions should be the exception and not the rule. Likewise, contract Request for Proposals (RFPs) should have sufficient time for bidders to respond.
- KAR 132-3-1. Motion made by Rep. John Carmichael; seconded by Troy Briggs. **Motion carried.** Rep. Carmichael commended Scott Ekberg, the Council, and the staff on the KARs. He sits on the Joint Committee that hears these KARs and our KARs were processed professionally, smoothly, and expediently.
- KAR 132-4-1. Motion by Rep. John Carmichael; seconded by Sen. Marci Francisco. **Motion carried.**
- KAR 132-4-2. Motion made by Rep. John Carmichael; seconded by Troy Briggs. **Motion carried.**
- KAR 132-4-3. Ellen Wernicke inquired if the process is identified in the KAR, or just the fact we will have a process. Scott advised the KAR outlines the process followed. Sheriff Briggs suggested that because of the degree of questions received during review, that we ensure that legal review. Scott advised that the Expenditure Review Committee (ERC) requests legal counsel on a case-by-case basis. Motion made by Ellen Wernicke; seconded by Sherry Massey. **Motion carried.**
- KAR 132-5-1. Motion made by Brooks Wederski; seconded by Becky Snook. **Motion carried.**



- KAR 132-6-1. Motion by Sen. Marci Francisco; seconded by Rep. John Carmichael. **Motion carried.**

AVPN Port Upgrades. Scott gave an updated on the upgrade plan, which increases the bandwidth for all applicable PSAPs, as possible, up to 10Mb. There were 10 identified initially as a test group. Those are done and there has been marked improvement in the performance of RapidDeploy with those upgrades. There are 64 remaining PSAPs which are scheduled for router configuration beginning next week. All will be done by September 2021. All PSAPs that are not operating on a T1 will be up to a minimum of 10Mb of bandwidth. With the upcoming AT&T Switched Ethernet (ASE) project, we will realize a better price point for the bandwidth needed. Rob McDonald advised that the availability of fiber may be a challenge at some PSAPs.

Automatic Abandoned Callback (AAC). Scott advised that AAC is a Vesta feature that allows the system to return abandoned calls and utilize a recorded message to verify if there is or is not an emergency. The Staff is working with Sedgwick County, Shawnee County, and other PSAPs who have expressed interest to obtain their commitment to fund AAC.

Additional host redundancy for large PSAPs by adding a third host. Scott advised that the Council is waiting to obtain commitment from Sedgwick County and Shawnee County before proceeding with this project. Targeted information will go out to all PSAPs with 5 or more seats to determine if they are interested in coming onto a third host.

Migration from AVPN to ASE. Scott reported that Staff is working with AT&T to ensure ASE pricing falls within 5% of what we currently pay for AT&T Virtual Private Network (VPN). Parallel to that effort, we are working on a contract amendment with AT&T to migrate from the existing AVPN platform to the ASE platform, add the third host, and add AAC. The objective is to fine tune network redundancy, while providing the bandwidth that each PSAP requires for their needs.

PSAP Implementation Status. New additions to NG911 include the Cowley County backup site, Junction City/Geary County, Bourbon County. Osage County is scheduled for October 2021, giving us 104 PSAPs.

RapidDeploy RadiusPlus v4 Major Update. Scott advised that this version v4 update has been postponed to later this year due to needed changes in RadiusPlus functionality and to be in sequence with our bandwidth upgrades.

RapidDeploy Nimbus Migration. Scott advised that Nimbus is on hold in concert with the delay of RadiusPlus version v4. The goal is to ensure everyone is comfortable with the v4 update before adding Nimbus.

911 Call Statistics. Scott gave an update of the current call statistics. Rep. Carmichael expressed concern that unanswered calls going to admin lines may not be reflected in the shown statistics. Scott explained that the VESTA system is not able to distinguish this type of call to properly integrate into the statistical report. Sen. Francisco suggested an alternative might be to look at a general number of admin calls to determine if there has been an increase or decrease. It may not be a precise number but could identify some of the experience such as that of July 25, 2021.

Rob McDonald inquired how many PSAPs route failed 911 calls to admin as opposed to routing failed 911 to another PSAP. Scott advised that we encourage all PSAPs to execute a Memorandum of



Agreement (MOA) with partners that are 1-2 counties away from them; one partner being on the same host and one on the other host is preferred. Approximately 70% of our PSAPs have executed such MOAs. The challenge for Sedgwick County and Shawnee County is that they handle a high volume of 911 calls. Sedgwick County averages 1300-1400 calls per day. Currently, the system can re-route Sedgwick County calls to a single PSAP. But doing so would overwhelm any PSAP in the state. Once telecom carriers can route wireless calls geospatially, then we will have more options. For example, portions of large PSAP calls can be shared among multiple PSAPs. T-Mobile is now ready to start providing handset location as a part of the call set-up. Scott feels that if we can get them implemented, the other carriers will follow.

Ellen Wernicke pointed out that the MOAs are the responsibility of the PSAPs and not the Council. It is an operational decision of the PSAPs. Ellen also pointed out that the 911 call answering times are impacted by many things outside of the authority of the Council. For example, PSAP staffing, PSAP operation and PSAP policies. Scott advised that statistics are shared with the Council to provide an indication of how the PSAPs are performing. The statistics are only informational and do not reflect any issues regarding PSAP operation.

7 Contract Staff Reports

Scott advised that in the interest of time, Staff reports that will be sent out for review rather than individually going over those during this meeting. Committee reports will follow.

8 Operations Committee Report

Scott advised that Josh Michaelis had to work the console today at his PSAP, so he is unable to be on the call. There is nothing to report on his behalf.

9 Expenditure Review Committee

Lori Criqui presented the Expenditure Review Report.

2020 Expenditure Status. Lori advised that there are only three PSAPs remaining.

Expenditure Review Overview. All counties are reporting, so it's just a matter of getting the final questions answered and some invoices collected.

10 Training Subcommittee Report

Ellen Wernicke presented the Training Subcommittee Report.

NEOGOV has been notified of the Council's intent to cancel their contract at end of this year. Scott confirmed they were made aware, and we have received no response back.

The **Talent** Learning Management System is a collaborative partnership between the Council and MARC. Michele and Ellen are working on the joint communications plan. The plan is to provide an update and overview of Talent LMS in October, November, and December 2021.

Training Delivery continues for all the PSAPs. "Training Tip Tuesday" provides weekly training tips. Frontline and Admin training is provided monthly.



11 Text-To-911 Subcommittee Report

Michele Abbott presented the Text-To-911 Report on behalf of Melanie Bergers.

PSA Contest. Michelle advised that in years past the Public Safety Announcement (PSA) contest focused on educating the public on Text-to-911. This year the focus will be on *what3words*. Packets went out to Board of Education to be distributed to high schools. The committee has also asked local PSAPs to reach out to their high schools and perhaps partner with them. This year the contest was expanded to include community colleges and Regents Universities. These institutions will be judged separately from the High Schools. Additional information is on the KS911 website www.ks911.org/contest, including a map of Kansas showing which PSAPs have *what3words* integrated into their map. The deadline for this contest is December 17, 2021, with a spring 2022 rollout of PSAs. This is an awards contest, and the committee hopes to be able to showcase those at the Spring APCO and bring the winning schools to that conference to present their awards.

Text-to-911 Training Refresher. All Council Staff will be taking a refresher training on Text-to-911, along with some individuals from the Training and Text-to-911 Committees. Training will then be updated and distributed to PSAPs.

Real-Time-Text (RTT) has been moved to next year due to carriers not being prepared to deliver RTT.

12 GIS Committee Report

Ken Nelson presented the GIS Committee Report.

Data Submission Summary. Ken Nelson presented data submission information for the first three quarters of 2021. He advised that 2Q2021 is completed and only two jurisdictions reported “no change.” Submissions are currently being received for 3Q2021.

Orthoimagery Update. Ken advised that Surdex is way ahead of schedule. As discussed in previous meetings, Surdex was able to capture the entire state in one flying season as opposed to two seasons. They are using a web-based quality assurance platform *Surcheck* to finalize data. We will have access to that system very soon. Eileen Battles is coordinating data review with all parties.

Call Handling Mapping Solution. Eileen Battles advised that there are bi-weekly joint meetings between RapidDeploy and the GIS team regarding RadiusPlus to discuss any current issues or feedback received from PSAPs to make application enhancements to GIS data.

NG911 Program Portal update was provided by Eileen Battles.

- **State Grant Module.** Kelly Edmonds, the web portal developer, generated a State Grant module which processes applications for the State Grant.
- **Annual Report Module Updates.** Updates and enhancements continue to improve the expenditure reporting process.

Outreach Activities update was provided by Eileen Battles.

- **NG911 GIS Committee** the next strategic planning meeting will be held September 8, 2021.
- **Quarterly NG911 GIS User Group** quarterly webinars continue, and webinars including presentation materials are available on the Kansas 911 website.



- **Training.** Sherry Massey updated the status of GIS training:
 - GIS Data Steward training is available to PSAPs through the Council's LEARN Platform.
 - GIS Data Maintainer training will be provided as a pre-conference session at the Kansas Mappers Conference. The presentation and slides are available on the DASC website.

GIS/MSAG Database Conversion. Sherry explained that the GIS/MSAG Database Conversion is the transfer of 911 data that handles routing from the database currently housed by Intrado to a database housed by AT&T. The Council maintains all our 911 data with GIS data. Currently, there is no specific deadline or estimate of completion. Tyler Siefkes, Riley County, thanked the GIS staff for their coordination with his local GIS Steward, Sherry Taylor. There was a small project that allowed additional mapping layers that resulted in a couple of successful rescues of lost hikers using the new data.

13 Broadband Interoperability Report

Michele Abbott advised that there is an endeavor to investigate what the CARES and Recovery Act money has been expended on statewide and how that may assist small agencies with better bandwidth allowing more access to better internet and other technologies. When that report is received it will be shared with the Council to show what the smaller jurisdictions and phone companies have been able to do with the funding and how that could possibly enhance the 911 program.

14 Technical/Security Committee Report

Phill Ryan presented the Technical/Security Committee Report.

PSAP Implementation Osage County is scheduled to go-live October 2021.

Hardware Upgrades are planned for NG911 including the server hosts. The NG911 system was put into service in 2015. The VESTA server hardware will be upgraded over a 6-week timeframe beginning August 30, 2021. This upgrade is part of the AT&T contract pricing. The VESTA servers are installed, and Motorola will be working on these upgrades. Additionally, we will be replacing the associated switches. The benefit is enhancing high reliability of our NG911 system.

Software Upgrades. Windows 10 was upgraded at the end of 2020. We will be looking at Vesta 7.7 upgrade after the hardware is upgraded. Release 7.7 has some patches and upgrades that will enhance NG911.

Incident Management Plan. Any time there is a need for incident management updates, the Incident Management Plan is updated. We are currently on version v17.

AT&T Switched Ethernet (ASE). The most significant benefit of ASE will be higher bandwidth at lower cost. Additionally, there is more diversity with ASE than with our current AVPN. We will not need the telephone lines to monitor the routers, which is another savings. There is a lot of savings associated with this upgrade. ASE allows us to bypass the legacy tandems of the 911 network and go straight to the ESInet Points of Interconnect (POIs). That process will start next year. Every telecom carrier (there are over 100 in Kansas) will be working with AT&T on this project.

Technical Security Committee. The annual meeting is scheduled for November 2021. Discussion will cover network hardware and software changes.



Phill shared that in early August 2021, AT&T had a fiber cut in Neodesha, Kansas, which serves Elk and Chautauqua Counties. That fiber cut was significant in that it took down their primary 911 circuit. Nevertheless, the NG911 system performed flawlessly when the backup LTE seamlessly connected the PSAP. If the PSAP had gone down, the PSAP MOA would have allowed them to roll to another county. This is just one of many layers of redundancy built into Kansas NG911.

Representative John Carmichael expressed his appreciation to Phill Ryan for explaining ASE to him. Rep. Carmichael asked Phill about the Douglas County 911 Center and University of Kansas (KU) Department of Public Safety relationship. Douglas County transfers relevant 911 calls to KU and KU takes some calls initially from their campus. Liz Phillips clarified for the Council and Rep. Carmichael that the two Kansas City KU campuses are not members of the MARC. In fact, these two KU campuses do not have 9-1-1 services on their campuses. Their phones are answered by their appropriate cities; KU Med Center calls are routed to Wyandotte County and Edwards Campus calls are routed to Overland Park.

14.1 Program Management Report

Randall White presented the Program Management Report.

Randall suggested that based on the extensive discussion during this meeting regarding the July 25, 2021, incident, it might be beneficial to establish an Event Task Force (ETF). This team would review the incidents, determine what happened relating to technical/systemic issues and human interface issues, and discuss what changes might be needed to our incident management. Senator Francisco supported the idea of an ETF and suggested that all the Council legislators be invited to participate. Michele Abbott added that there is possible synergy between the ETF and the Technical Assistance (TA) Grant assessment. Michele shared that the Council was able to get the TA Grant through the Department of Homeland Security and the CISA. The TA Grant will look specifically at our incident management response to the November 29, 2020, 911 service disruption. Scott Ekberg will organize the ETF with the goal of providing a briefing at our next Council meeting, November 2021 [later changed to December 10, 2021]. Senator Francisco shared that if there will be a report presented for the TA Grant in November, it might be best to delay the ETF Report until December. This would allow all the information gained from the TA Grant to be available for possible inclusion in the ETF Report.

Scott suggested a motion to create the ETF. Senator Francisco stated she is willing to make that motion with the understanding that at least once a month all Legislators on the Council will be briefed by Staff as to status and that a report with recommendation be made at the December Council meeting. Motion made by Senator Marci Francisco; seconded by Becky Snook. **Motion carried.**

Voting Members	Yea	Nay	Abstain
Melanie Bergers, PSAPs over 75k			NR
Senator Rick Billinger			NR
Troy Briggs, KSA	X		
Jac Brown, Govt IT	X		
Representative John Carmichael	X		
Robert Cooper, KCDHH	X		
Senator Marci Francisco	X		
Scott Hilbrink, Fire Chief			NR



Representative Kyle Hoffman	X		
Sherry Massey, PSAPs under 75k	X		
Becky Snook, KS APCO	X		
Brooks Wederski, Govt IT	X		
Ellen Wernicke, PSAPs over 75k	X		
VOTE: Create Event Task Force to review Service Interruption Event MOTION BY: Senator Marci Francisco SECONDED BY: Becky Snook PASSED: 10 yea and 3 no response (Council members stepped away). Motion carried.			

15 New Business

Representative Carmichael reminded the Council that there was a legislative proposal last session to add \$0.50 to telephone fees to support the Suicide Prevention line and in-field activities. That effort was funded in another way. He advised that there is now another proposal to increase the universal service fee by up to \$0.10 per month. He stressed that as fees are added to telecommunication services for various things, it has a collateral impact on our NG911 funding stream. As more fees are added to phone bills, the more likely a legislative call to redistribute fees. Such a change could adversely affect our NG911 business case. Senator Francisco and Representative Hoffman agreed that this possibility needs to be watched carefully.

16 Adjournment

Motion to adjourn by Ellen Wernicke; seconded by Becky Snook. A verbal vote was held with all members in favor. The meeting adjourned at 12:00 p.m.

Submitted by:

Scott Ekberg
 NG911 Administrator

KANSAS 911 COORDINATING COUNCIL
Balance Sheet
Thursday, September 30, 2021

	<u>Current YTD</u>
Assets:	
Cash	
911 State Fund	\$5,898,680.94
911 Operations Fund	12,662,065.19
911 State Grant Fund	740,140.03
911 State Money Market	398,521.20
911 Operations Money Market	<u>1,221,595.03</u>
Total Cash	20,921,002.39
Investments	
911 State Fund Investments	1,761,281.45
911 Operations Fund Investments	<u>6,264,569.06</u>
Total Investments	8,025,850.51
Accounts Receivable	2,417,152.64
Prepaid Expenses	332,428.62
Accrued Revenues	
Accrued Receivables	11,491.72
Total Accrued Revenues	<u>11,491.72</u>
Total Assets	<u><u>31,707,925.88</u></u>
Liabilities	
Accounts Payable	3,777,559.76
Accrued Expenses	
Accrued Accounts Payable - PSAP Payments	
Accrued Accounts Payable - PSAP Minimum Payments	136,249.74
Accrued Accounts Payable - PSAP Withholding	153.78
Accrued Accounts Payable - Arrears	<u>121,513.24</u>
Total Accrued Expenses	257,916.76
Deferred Revenue	<u>1,233,051.72</u>
Total Liabilities	5,268,528.24
Equity	
Fund Balance - Unrestricted	26,439,397.64
Total Liabilities and Equity	<u><u>31,707,925.88</u></u>

**Kansas 911 Coordinating Council
Summary
For the Nine Months Ending Thursday, September 30, 2021**

	Current Period	Current Period Budget	Current YTD	Budget YTD	FY 21 Budget Remaining
Revenue					
Telcom Income	\$2,579,120.70	\$2,634,333.33	\$23,870,480.01	\$23,708,999.97	\$7,741,519.99
Prepay Fee Income	209,441.40	250,000.00	1,556,286.92	2,250,000.00	1,443,713.08
PSAP 911 Services Payments	380,389.04	328,470.25	3,221,077.98	2,956,232.25	720,565.02
Imagery Cost Share	0.00	9,583.33	0.00	86,249.97	115,000.00
Grant Income	0.00	0.00	1,166,092.93	0.00	(1,166,092.93)
Interest Income	779.35	5,833.33	5,113.76	52,499.97	64,886.24
Total Revenue	\$3,169,730.49	\$3,228,220.24	\$29,819,051.60	\$29,053,982.16	\$8,919,591.40
PSAP Expenses					
PSAP Payments	1,600,951.29	1,838,484.33	14,989,957.71	16,546,358.97	7,071,854.29
PSAP Minimum Quarterly Payments	95,000.00	131,134.83	1,107,190.49	1,180,213.47	466,427.51
Total PSAP Expenses	\$1,695,951.29	\$1,969,619.16	\$16,097,148.20	\$17,726,572.44	\$7,538,281.80
Operating Expenses					
Personnel Contracts	11,836.70	13,395.00	109,967.81	120,555.00	50,772.19
Council Meeting Expenses	32.55	1,300.01	719.06	11,700.09	14,880.94
Committee Meeting Expenses	0.00	333.32	0.00	2,999.88	4,000.00
Other Administrative Costs	3,876.42	7,708.17	44,755.33	69,373.53	47,742.67
Total Operating Expenses	\$15,745.67	\$22,736.50	\$155,442.20	\$204,628.50	\$117,395.80
Contractual Costs					
AT&T Service Contracts	709,898.60	697,755.01	6,420,655.65	6,279,795.09	1,952,404.35
LCPA Contract	12,039.50	12,039.50	108,355.50	108,355.50	36,118.50
Non-Admin. Contract Staff Expenses	27,085.92	37,816.67	240,703.33	340,350.03	213,096.67
Other Contract Costs	55,905.37	183,930.98	1,189,056.77	1,655,378.82	1,018,115.23
Grant Expenses	0.00	0.00	107,413.88	0.00	(107,413.88)
Total Contractual Costs	\$804,929.39	\$931,542.16	\$8,066,185.13	\$8,383,879.44	\$3,112,320.87
Total Expenses	2,516,626.35	2,923,897.82	24,318,775.53	26,315,080.38	10,767,998.47
Other Income					
Investment Interest/Dividends	6,649.45	0.00	162,063.98	0.00	(162,063.98)
Gain/Loss on Investment	(47,419.45)	0.00	(201,472.73)	0.00	201,472.73

	Current Period	Current Period Budget	Current YTD	Budget YTD	FY 21 Budget Remaining
Total Other Income	(\$40,770.00)	\$0.00	(\$39,408.75)	\$0.00	\$39,408.75
Other Expense					
Investment Fees	5,785.83	0.00	44,511.44	0.00	(44,511.44)
Total Other Expense	\$5,785.83	\$0.00	\$44,511.44	\$0.00	(\$44,511.44)
Net Other Income and Expense	(\$46,555.83)	\$0.00	(\$83,920.19)	\$0.00	\$83,920.19
Net Change in Net Assets	\$606,548.31	\$304,322.42	\$5,416,355.88	\$2,738,901.78	(\$1,764,486.88)
Operating Expense Percentage			0.54%		

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**Kansas 911 Coordinating Council
911 State Fund
For the Nine Months Ending Thursday, September 30, 2021**

	Current Period	Current Period Budget	Current YTD	Budget YTD	FY 21 Budget Remaining
Revenue					
Telcom Income	\$1,912,320.54	\$2,634,333.33	\$17,625,296.82	\$23,708,999.97	\$13,986,703.18
Interest Income	221.14	1,944.44	1,264.44	17,499.96	22,068.89
Total Revenue	\$1,912,541.68	\$2,636,277.77	\$17,626,561.26	\$23,726,499.93	\$14,008,772.07
PSAP Expenses					
PSAP Payments	1,600,951.29	1,838,484.33	14,989,957.71	16,546,358.97	7,071,854.29
PSAP Minimum Quarterly Payments	95,000.00	131,134.83	1,107,190.49	1,180,213.47	466,427.51
Total PSAP Expenses	\$1,695,951.29	\$1,969,619.16	\$16,097,148.20	\$17,726,572.44	\$7,538,281.80
Operating Expenses					
Other Administrative Costs	208.92	116.67	2,038.36	1,050.03	(638.36)
Total Operating Expenses	\$208.92	\$116.67	\$2,038.36	\$1,050.03	(\$638.36)
Total Expenses	1,696,160.21	1,969,735.83	16,099,186.56	17,727,622.47	7,537,643.44
Other Income					
Investment Interest/Dividends	1,407.29	0.00	36,657.05	0.00	(36,657.05)
Gain/Loss on Investment	(10,226.10)	0.00	(44,550.74)	0.00	44,550.74
Total Other Income	(\$8,818.81)	\$0.00	(\$7,893.69)	\$0.00	\$7,893.69
Other Expense					
Investment Fees	1,302.51	0.00	10,931.78	0.00	(10,931.78)
Total Other Expense	\$1,302.51	\$0.00	\$10,931.78	\$0.00	(\$10,931.78)
Net Other Income and Expense	(\$10,121.32)	\$0.00	(\$18,825.47)	\$0.00	\$18,825.47
Net Change in Net Assets	\$206,260.15	\$666,541.94	\$1,508,549.23	\$5,998,877.46	\$6,489,954.10

**Kansas 911 Coordinating Council
911 Operations Fund
For the Nine Months Ending Thursday, September 30, 2021**

	Current Period	Current Period Budget	Current YTD	Budget YTD	FY 21 Budget Remaining
Revenue					
Telcom Income	\$639,016.82	\$0.00	\$5,985,629.89	\$0.00	(\$5,985,629.89)
Prepay Fee Income	209,441.40	250,000.00	1,556,286.92	2,250,000.00	1,443,713.08
PSAP 911 Services Payments	380,389.04	328,470.25	3,221,077.98	2,956,232.25	720,565.02
Imagery Cost Share	0.00	9,583.33	0.00	86,249.97	115,000.00
Grant Income	0.00	0.00	1,166,092.93	0.00	(1,166,092.93)
Interest Income	528.44	1,944.45	3,674.70	17,500.05	19,658.64
Total Revenue	\$1,229,375.70	\$589,998.03	\$11,932,762.42	\$5,309,982.27	(\$4,852,786.08)
Operating Expenses					
Personnel Contracts	11,836.70	13,395.00	109,967.81	120,555.00	50,772.19
Council Meeting Expenses	32.55	1,300.01	719.06	11,700.09	14,880.94
Committee Meeting Expenses	0.00	333.32	0.00	2,999.88	4,000.00
Other Administrative Costs	3,667.50	7,474.83	42,716.97	67,273.47	46,981.03
Total Operating Expenses	\$15,536.75	\$22,503.16	\$153,403.84	\$202,528.44	\$116,634.16
Contractual Costs					
AT&T Service Contracts	709,898.60	697,755.01	6,420,655.65	6,279,795.09	1,952,404.35
LCPA Contract	12,039.50	12,039.50	108,355.50	108,355.50	36,118.50
Non-Admin. Contract Staff Expenses	27,085.92	37,816.67	240,703.33	340,350.03	213,096.67
Other Contract Costs	55,905.37	183,930.98	1,189,056.77	1,655,378.82	1,018,115.23
Grant Expenses	0.00	0.00	107,413.88	0.00	(107,413.88)
Total Contractual Costs	\$804,929.39	\$931,542.16	\$8,066,185.13	\$8,383,879.44	\$3,112,320.87
Total Expenses	820,466.14	954,045.32	8,219,588.97	8,586,407.88	3,228,955.03
Other Income					
Investment Interest/Dividends	5,242.16	0.00	125,406.93	0.00	(125,406.93)
Gain/Loss on Investment	(37,193.35)	0.00	(156,921.99)	0.00	156,921.99
Total Other Income	(\$31,951.19)	\$0.00	(\$31,515.06)	\$0.00	\$31,515.06
Other Expense					
Investment Fees	4,483.32	0.00	33,579.66	0.00	(33,579.66)

	Current Period	Current Period Budget	Current YTD	Budget YTD	FY 21 Budget Remaining
Total Other Expense	\$4,483.32	\$0.00	\$33,579.66	\$0.00	(\$33,579.66)
Net Other Income and Expense	(\$36,434.51)	\$0.00	(\$65,094.72)	\$0.00	\$65,094.72
Net Change in Net Assets	\$372,475.05	(\$364,047.29)	\$3,648,078.73	(\$3,276,425.61)	(\$8,016,646.39)

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**Kansas 911 Coordinating Council
911 State Grant Fund
For the Nine Months Ending Thursday, September 30, 2021**

	Current Period	Current Period Budget	Current YTD	Budget YTD	FY 21 Budget Remaining
Revenue					
Telcom Income	\$27,783.34	\$0.00	\$259,553.30	\$0.00	(\$259,553.30)
Interest Income	29.77	1,944.44	174.62	17,499.96	23,158.71
Total Revenue	\$27,813.11	\$1,944.44	\$259,727.92	\$17,499.96	(\$236,394.59)
Operating Expenses					
Other Administrative Costs	0.00	116.67	0.00	1,050.03	1,400.00
Total Operating Expenses	\$0.00	\$116.67	\$0.00	\$1,050.03	\$1,400.00
Total Expenses	0.00	116.67	0.00	1,050.03	1,400.00
Net Change in Net Assets	\$27,813.11	\$1,827.77	\$259,727.92	\$16,449.93	(\$237,794.59)

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**Kansas 911 Coordinating Council
2022 Budget**

Summary	2020 Actual	2021 Actual (6/30/21)	2021 Budget	2022 Budget
Revenue				
Telcom Income	31,678,149	15,900,455	31,612,000	31,612,000
Prepay Fee Income	2,723,715	1,131,507	3,000,000	2,263,014
PSAP 911 Services Payments	4,016,566	2,092,023	3,941,643	4,700,000
Imagery Cost Share	0	0	115,000	0
Interest Income	41,319	3,347	70,000	15,000
Total Revenue	38,459,749	19,127,332	38,738,643	38,590,014
PSAP Expenses				
PSAP Payments	20,354,816	10,025,038	22,061,812	20,500,000
PSAP Minimum Quarterly Payments	1,595,106	822,191	1,573,618	1,650,000
Total PSAP Expenses	21,949,922	10,847,229	23,635,430	22,150,000
Council Administrative Expenses				
Salaries	273,500	71,000	145,500	149,189
Office Supplies	621	238		500
Telephone	260	726	3,540	3,000
Required Conference Expenses -	0	340	5,000	5,000
Travel Expense - Staff	5,349	1,867	5,000	5,000
Vehicle Fuel	1,848	0	2,700	2,700
Vehicle Insurance & Registration	0	0	4,000	4,000
Vehicle Repairs & Maintenance	70	0	0	750
Vehicle Purchase/Replacement	50,716	0	0	0
Personnel Contracts	332,364	74,171	165,740	170,139
Legislative Pay	443	89	7,500	7,500
Interpreters	1,137	0	900	1,200
Meeting Expenses - Council	0	0	500	500
Meal/Travel Expense - Council	120	0	5,000	5,000
Conference Call Service	2,728	318	1,700	1,400
Council Meeting Expenses	4,428	407	15,600	15,600
Meeting Expense - Committee				
GIS Committee	0	0	1,000	1,000
Operations Committee	0	0	1,000	1,000
Technical/Security Committee	0	0	1,000	1,000
Training Committee	0	0	1,000	1,000
Committee Meeting Expenses	0	0	4,000	4,000
Audit Fees	0	5,755	10,000	10,000
LPA Audit	0	0	0	0
State Registration Fees	0	119	0	500
Bank Fees	4,077	1,946	4,200	4,200
PM Contract - Council Admin	0	3,473	47,748	37,440
Public Relations - Council	0	0	3,000	3,000
Membership Dues	1,468	500	3,000	1,500
Travel & Meals - Non Training	666	0	3,000	3,000
State Conferences and Training				
Registrations	880	0	750	750
Travel & Meals	139	0	1,500	1,500
Other Conference Expenses	0	0	250	250
National Conferences				
Registrations	1,024	0	3,850	3,850
Travel & Meals	4,815	0	15,000	15,000
Other National Conference	0	0	200	500
Other Administrative Costs	13,069	11,793	92,498	81,490
Expenses	349,862	86,371	277,838	271,229

**Kansas 911 Coordinating Council
2022 Budget**

Summary	2020 Actual	2021 Actual (6/30/21)	2021 Budget	2022 Budget
Contractual Costs				
AT&T - AVPN Access	1,017,642	517,729	1,100,000	1,200,000
AT&T - POTS Router Circuits	42,773	23,183	44,000	48,250
AT&T - Call Handling	1,254,932	1,181,784	1,200,000	1,990,000
AT&T - AVPN Ports	319,024	176,314	290,000	500,000
AT&T - T1 Backup Circuits	5,874	1,487	6,000	3,000
AT&T - MIS	16,735	475	22,000	0
AT&T - Service Manager	174,996	87,498	175,000	195,000
AT&T - EOD-CCS	8,705	0	68,600	0
AT&T Mobility/FirstNet - LTE				
Backup	43,555	26,049	32,460	55,800
AT&T - TCC Services	156,030	78,015	200,000	200,000
AT&T - ESI Net	3,261,344	1,663,933	3,500,000	3,920,000
AT&T - Legacy Charges	164,421	83,231	175,000	175,000
AT&T - RapidDeploy	760,655	391,388	1,500,000	1,500,000
AT&T - NBFW	52,096	29,121	60,000	60,000
AT&T - Security	6,500	0	0	10,000
AT&T Service Contracts	7,285,282	4,260,207	8,373,060	9,847,050
LCPAContract	132,650	72,237	144,474	147,362
Non-Admin. Contract Staff Expenses				
Salaries	0	154,500	358,000	321,315
Required Conference Expenses - Staff	0	0	20,000	20,000
Travel Expense - Staff	0	711	35,000	35,000
Vehicle Fuel	0	993	9,300	9,300
Vehicle Insurance & Registration	0	0	24,000	12,000
Vehicle Repairs & Maintenance	0	39	2,500	2,250
Vehicle Purchase/Replacement	0	0	0	0
Non-Admin. Contract Staff Expenses		156,244	448,800	399,865
Legal Representation	26,218	4,511	45,000	45,000
ITSS Contract	217,394	103,640	239,200	204,000
PM Contract	214,314	88,293	190,992	149,760
Imagery Contract	0	774,900	1,300,000	0
DASC Contract	540,000	0	250,000	250,000
Website Devo and Maintenance		61	0	7,500
Cloud Services for Geocoding			0	8,500
Dickinson County Contract	29,370	29,370	49,200	58,741
Public Relations	1,828	0	12,000	12,000
Training - Admin Day / Fall Conference	1,526	4,000	16,500	25,000
Potential EMTDC Match Dollars				145,000
Onsite Training - EMTDC	0	0	6,400	6,400
EMTDC Deployment Costs	0	0	8,000	8,000
Technical Supplies and Learning Management System	2,221	946	40,000	40,000
Esri ELAContract (KS OITS)	(125)	0	17,200	17,200
Security Audit Costs	20,160	32,648	32,680	32,680
Security Audit Costs				11,500
Other Contract Costs	1,185,556	1,038,369	2,207,172	1,021,081
Total Contractual Costs	8,470,838	5,527,057	11,622,306	11,424,493
Total Expenses	30,770,622	16,460,656	35,535,574	33,845,722
Operating Expense	0.91%	0.45%	0.72%	0.70%

2022 Work Plan for 911 Coordinating Council

Scheduled Council Meetings for 2022:

- January 21, 2022 (Fri) (Web Conference)
- TBD – April 2022 (Mon) (KS APCO – TBD)
- June 10, 2022 (Fri) (Web Conference)
- August 26, 2022 (Fri) (Topeka)
- TBD – October 2022 (Mon) (Joint Conference with KS APCO – TBD)
- December 9, 2022 (Fri) (Web Conference)

OBJECTIVES:

A. Executive Committee

Date Due

ACTIVITIES: Oversight of Local Collection Point Administrator (LCPA) contract services; monitor 911 revenue collection and approve Council budget; identify Administrative Regulations needed; distribute prepaid wireless 911 fees in excess of \$3 million/year; provide guidance to Public Safety Answering Points (PSAPs) on use of 911 funds; monitor telecommunications service provider compliance with 911 Act requirements and Regulation; Conduct annual review of LCPA. Oversight of Council's Communications Plan, portal and web-site services to provide timely and relevant information to PSAPs and to provide access by stakeholders to information, guidance, standards, and general information from the Council; Evaluate strategies and recommendations of Strategic Plan update, due February 28, 2021; Accept and/or modify strategies, timelines, priorities, fiscal objectives, and staff recommendations; facilitate multi-jurisdictional implementation efforts identified in plan; take specific actions to implement strategies and goals in the plan; evaluate any legislative action needed to implement strategies; monitor plan implementation progress and update it with accomplishments, revised priorities, and changes in strategies and goals.

1. Perform Statutory Council Responsibilities

- Conduct annual review of LCPA 06/10/22
- Work Plan and Budget Planning Workshop 09/30/22
- Draft 2023 Budget and Workplan to Council TBD
- Adopt 2023 Budget and Workplan 12/09/22

2. Annual Reports to Legislature, Federal Communications Commission (FCC), National 911 Profile Database

- FCC report due 06/30/22
- Profile Database update due 07/01/22
- Present draft Legislative report to Council TBD
- Approve final legislative report Council 12/09/22
- Send legislative report to Legislative Committees 01/15/23

3. Statewide Strategic Plan for Implementation of Next Generation 911 (NG911) Services

- Updated Strategic Plan draft provided to Council 02/28/22
- Council adoption of updated Strategic Plan TBD
- AT&T, Motorola, RapidDeploy Roadmap review 04/19/22
- Strategic Planning Brainstorm 04/20/22
- Strategic Planning Brainstorm 09/28/22
- Exec Committee Strategic Planning Workshop 09/29/22

4. Council Operations	
• Review and revise business case	03/31/22
• Review and revise business case	06/30/22
• Review and revise business case	09/30/22
• Review and revise business case	12/31/22
• Management of Federal 911 Grant projects	Ongoing
• Present EMDC Deployment Policy to Council	06/30/22
• Evaluate Yoder TEES for possible decommissioning	06/30/22
5. Ensure that appointments for Coordinating Council Positions are made	
• Provide notice to stakeholders of vacancies that will be pending Governor's appointment effective July 1st	04/01/22
• Mentoring and Orientation of New Council Members (Council & Committees)	Ongoing
• Monitor Council COOP, including succession planning	Ongoing
6. State Outreach	
• Review and revise overall communications plan	04/01/22
• Ensure that every project addresses communication with stakeholders as a part of the project plan	Ongoing
• Support quarterly newsletter development and distribution	Ongoing
7. National Outreach	
• Execute projects of 911 Grant Program application	Ongoing
• Investigate/participate in Computer Aided Dispatch (CAD) Data Sharing project	TBD
8. Legislation / Administrative Regulations	
• Present testimony in support of changes to Kansas 911 Act or other state legislation impacting 911	Ongoing
• Monitor and comment on federal legislation affecting 911	Ongoing
9. Ongoing for other activities	12/31/20
B. Operations Committee	Due Date

ACTIVITIES: Expenditure Review Sub-Committee reviews compiled PSAP financial report information for 911 expenditures and make decisions regarding approval; Identify additional information for expenditure report content and prepare reports. Assist in providing technical and operational guidance to PSAPs and other Council Committees; Develop policy and a public education plan for Real-Time-Text-to-911 (RTT-to-911), outbound text, and other i3 enhancements on the statewide NG911 system; Support the implementation of RapidDeploy Nimbus; Develop and deliver PSAP and public education on Council projects; Review and respond to requests from the stakeholder community regarding 911 specific applications; Support implementation of additional i3 services to the NG911 System ecosystem; Evaluate creation of voluntary training cadre and recommend action to Council; Continue migration of PSAPs onto the statewide NG911 System upon request of PSAPs; Review training, change management, risk management, governance and Incident Management plans for any necessary modifications.

1. Facilitate Communication among Council and Stakeholders

• PSAP financial expenditure reports due.	03/01/22
• Review 911 fee expenditures for approval determination	10/31/22
• Provide expenditure review reports and support Council in appeal hearings of decisions made by the ERC in regard to approval determinations	Ongoing
• Support Council in appeal hearings to KS Dept. of Administrative Hearings	As Needed
• Evaluate and socialize additional hardware needs of PSAPs	Ongoing
• Support quarterly newsletter development and distribution	Ongoing
2. Meetings for outreach and collaboration	
• Spring/Fall APCO/Council Joint Conference	TBD
• Admin Day	TBD
• MARC / Council Roadmap Meeting	03/31/22
• MARC / Council Roadmap Meeting	11/30/22
3. Training Sub-Committee	
• Continue bi-weekly “PSAP Admin” telecon	Ongoing
• Continue bi-monthly “PST Roundtable” telecon	Ongoing
• Support quarterly newsletter development and distribution	Ongoing
• Develop mandatory technology training curriculum for System, including delivery methods and development of training cadre	Ongoing
• Nimbus training development and delivery	06/30/22
• Identify TBD resources for outreach to PSAPs	Ongoing
• Facilitate regional, hands-on technology training	TBD
4. Policy and Public Education Sub-Committee	
• Review current policy and procedures for Text-to-911	04/01/22
• Update PSA’s through school program	04/01/22
• Update public education materials on website	04/01/22
• Develop refresher training on Text-to-911	07/01/22
• Develop Real Time Text (RTT) training	TBD
• Develop RTT policy and training	TBD
• Seek Council approval of RTT policy and training	TBD
• Recommended policy changes to PSAPs as technology updates or changes	Ongoing
• Continue partnerships with the KCDHH, KCSDV, and other advocacy groups	Ongoing
• Support quarterly newsletter development and distribution	Ongoing
5. Ongoing for other activities	Ongoing
C. Broadband Interoperability Committee	
1. Monitor developments related to NG911 with FirstNet	Ongoing
2. Monitor developments related to NG911 with other carriers offering public safety broadband services	Ongoing
3. Support quarterly newsletter development and distribution	Ongoing
D. Technical Committee	Due Date

ACTIVITES: Ongoing monitoring of emerging cybersecurity threats and implementation of plans to reduce associated risks. Monitoring of progress towards improved location accuracy. Review release notes for Vesta software upgrades

for potential risk. Provide technical and security review of planned i3 service additions to the NG911 system. Review technical and security implications of Public Safety Broadband integration to the NG911 system. Evaluate and monitor technical and security implications of RapidDeploy RadiusPlus and Nimbus implementations. Monitor and evaluate bandwidth needs and potential network modifications to facilitate increased bandwidth or network performance. Manage Incident Management plan updates and enhancements. Monitor implications of FirstNet interconnection on the call handling system. Monitor progress of telecommunications service provider interconnection with ESInet. Evaluate and monitor implementation of Real Time Text (RTT). Evaluate need, technical specifications and security risks of Internet of Things (IoT) interface to the call handling network.

1. Ongoing for all activities

Ongoing

E. GIS Committee

ACTIVITIES: Provide needed GIS data work in support of NG911 System enhancements; Provide oversight of GIS data maintenance to ensure that all Kansas jurisdictions remain in compliance with required maintenance; Conduct quality assurance testing of GIS data maintenance submissions; Submit maintenance updates to EGDMS as needed; Support PSAP migration from MSAG to Geo-MSAG for any additional PSAPs implementing statewide system; Monitor and manage transition to Public Safety Platform (PSP) data management platform; Support refresh of aerial imagery; Provide continuing training for GIS Data Stewards and GIS Data Maintainers.

1. Review and approve acquired statewide aerial imagery

03/31/22

2. Ongoing for other activities

Ongoing

December 31, 2023: Legislature's Division of Post Audit will have completed an audit of the 911 system as set out in KSA 12-5377(c).

2024 Legislative Session: Legislature shall review the 911 Act (KSA 12-5377(d)).

911 Coordinating Council Calendar of Events

Date	Activity
02/28/22	Updated Strategic Plan draft provided to Council
03/01/22	PSAP financial expenditure reports due.
03/31/22	Review and revise business case
03/31/22	MARC / Council Roadmap Meeting
03/31/22	Review and approve acquired statewide aerial imagery
TBD	Council adoption of updated Strategic Plan
04/01/22	Provide notice to stakeholders of vacancies that will be pending Governor's appointment effective July 1st
04/01/22	Review and revise overall communications plan
TBD	Spring APCO
04/01/22	Review current policy and procedures for Text-to-911
04/01/22	Update PSA's through school program
04/01/22	Update public education materials on website
04/19/22	AT&T, Motorola, RapidDeploy Roadmap review
04/20/22	Strategic Planning Brainstorm
06/10/22	Conduct annual review of LCPA
06/30/22	FCC report due
06/30/22	Review and revise business case
06/30/22	Present EMDC Deployment Policy to Council
07/01/22	Profile Database update due
07/01/22	Develop refresher training on Text-to-911
09/28/22	Strategic Planning Brainstorm
09/29/22	Exec Committee Strategic Planning Workshop
09/30/22	Work Plan and Budget Planning Workshop
09/30/22	Review and revise business case
TBD	Draft 2023 Budget and Workplan to Council
TBD	Present draft Legislative report to Council
TBD	Fall APCO/Council Joint Conference
10/31/22	Review 911 fee expenditures for approval determination
TBD	Admin Day
11/30/22	MARC / Council Roadmap Meeting
12/09/22	Adopt 2023 Budget and Workplan
12/09/22	Approve final legislative report Council
12/31/22	Review and revise business case
01/15/23	Send legislative report to Legislative Committees
12/31/23	Audit by Kansas Legislative Division of Post Audit complete
01/15/24	Kansas Legislature Review of Kansas 911 Act



Kansas NG911 Legislative Report 2021

Last revised November 7, 2021

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Prepared by Scott Ekberg, NG911 Administrator

Prepared for:

Senate Committee on Utilities, and

House Committee on Energy, Utilities and Telecommunications, and

Members of the Committees

Executive Summary

Chief Dick Heitschmidt, Chairman of the Kansas 911 Coordinating Council (“Council”) provides these Next-Generation 9-1-1 (NG911) highlights of 2021:

- **Kansas NG911 Leadership.** As Kansas Administrator, Scott Ekberg sits on the National Association of State 911 Administrators (NASNA). This provides invaluable insight as to how Kansas NG911 compares with other states. Kansas NG911 offers the most inexpensive NG911 solution in the USA.
- **Strategic Plan 2021-2023.** All our strategic goals and objectives for 2021 were realized. In addition, some of our goals and objectives for 2022 were realized.
- **Federal Grant Completed.** Kansas NG911 secured and realized \$2,759,782.00 in Federal funding to upgrade our PSAPs and NG911 system. The federal Leading Infrastructure for Tomorrow's (LIFT) America Act includes \$12 billion in grants for the implementation of NG 9-1-1 services under H.R. 2479. If this legislation is enacted, Kansas will have additional grant funding opportunities on a significant scale. Details are available in Appendix F.
- **Kansas NG911 Implementation.** This year, we added six (6) PSAPs to the Kansas NG911 system: University of Kansas Public Safety, Douglas County, Doniphan County, Coffey County, Geary County and Osage County. We now have a total of 104 primary PSAP sites on NG911. In addition, we added a backup site for Cowley County. We now have a total of six (6) PSAP backup sites on NG911. We are engaged with on-going discussions with Crawford and Marshall Counties who are very interested in coming on board. Linn and Brown Counties have their own legacy 911 systems. As a reminder, the Mid-America Regional Council (MARC) has its own NG911 system. We enjoy a strong collaborative, synergistic partnership with MARC.
- **Kansas NG911 Platform Refresh.** This year, our infrastructure provider AT&T refreshed servers, switches, and the computer operating system, for host equipment, to retain and improve system reliability.
- **AVPN Network Upgrades.** From September to October 2021, we added additional AVPN bandwidth to many of our PSAPs. This upgrade was driven by our NG911 mapping solution which requires sufficient circuit bandwidth in order to load more efficiently for the Public Safety Telecommunicator (formerly “911 dispatcher”). Now, all PSAPs, except those served by T1 circuits, have at least 10 Mb of bandwidth.
- **AVPN Migration to ASE.** In December 2021, we finalized our preliminary design for migration from our existing AT&T Virtual Private Network (AVPN) to the AT&T Switched Ethernet (ASE) network starting January 2022. ASE offers an even more robust platform for routing our 911 calls and offers more bandwidth at lower cost for our NG911. The migration to ASE will remove all T1 primary circuits from the network and provide every PSAP on the system with a minimum of 10 Mb of bandwidth.
- **Annual Cybersecurity Review.** Our NG911 provider AT&T hosted our annual system cybersecurity review, December 7, 2021. Since we are migrating from AVPN to ASE starting January 2022, the emphasis this year was reviewing the security harness and resilience of ASE to

compromise. In addition, the security team reviewed the robustness of cloud-based applications, as well as software upgrades.

- **Incident Management.** An NG911 event occurred on July 25, 2021. The Root Cause Analysis (RCA) revealed that this event was the result of human error (not equipment error). In addition, Scott briefed the House Utilities Committee on the NG911 event of November 29, 2020. ~~The RCA revealed that this event was also the result of human error (not equipment error).~~ The Council formed a Kansas NG911 Event Task Force (ETF), August 2021, to scrutinize our Incident Management and Methodology. The findings of the ETF are that our incident process is sound, our technology is highly reliable, and that we need to continually recognize the importance of the human factor. To this end, the NG911 team is strengthening NG911 operations through training and communication. Finally, the Council looks to the NG911 Administrator to develop the RCA since the Administrator has overall responsibility for and understanding of the NG911 System.
- **PSAP Consolidation.** Two PSAPs are consolidating 911 operations due to staff shortages. The Wamego Police Department has turned over their PSAP 9-1-1 operations to the Pottawatomie County Sheriff's Office for the entire county. Edwards County has turned over their PSAP 9-1-1 operations to Ford County.
- **VESTA Call Handling Upgrade.** On November 15, 2021, AT&T provided our PSAPs with the latest release of VESTA Call handling capabilities. This upgrade release 7.7 makes 9-1-1 response more efficient and effective for Kansans.
- **RapidDeploy Upgrade.** AT&T provided our PSAPs with the latest update of RadiusPlus version 4 for mapping and situational awareness. This upgrade makes 9-1-1 response more efficient and effective for Kansans. Included in the package at no cost is OnStar® crash data, location assistance working with public safety, first responders.
- **Kansas GIS data.** Kansas leads the nation in Geographic Information System (GIS) data. GIS data is critical for properly routing 911 calls and displaying 911 caller information. Therefore, the integrity of GIS data is crucial.
- **Kansas Orthoimagery.** Our provider SURDEX provided brand new fly-over imagery of the state ahead of schedule. This imagery not only is vital to Kansas 911 but also is useful to a number of Kansas state and local agencies.
- **Kansas 911 Act.** Scott Ekberg, Administrator, submitted a series of nine (9) Kansas Administrative Regulations (KARs) to align with HB2084. Included economic impact statement to the Kansas Division of the Budget. Previously, Scott presented our KARs to the Legislative Joint Committee. Then, he provided a public hearing to review our KARs with the public. Finally, approved by Kansas Secretary of State and published in Kansas Register.
- **Administrative Overhead.** By statute, the Council administrative expense is not to exceed 2.0% of total receipts. Our actual overhead is less than 1% ~~which is far below Kansas agencies or commercial best practice.~~

Council Committees

Council contract staff closely supports all Council committees.

- Operations Committee focuses on program strategies to ensure Kansas NG911 remains the most cost-effective, statewide solution available.
- Expenditure Review Committee (ERC) focuses on expenditure review policy and process to ensure that 911 funds are properly expended in accordance with the Kansas 911 Act.
- Training Committee focuses on training relevant to technology and operation of Kansas NG911 hosted solution.
- Public Education and NG911 Technologies Policy Group focuses on the development of NG911 public education plan, and best practices policies for NG911 technologies.
- GIS Committee focuses on constantly maintaining and consistently ensuring the integrity of county GIS data that is stored in the tabular Master Street Address Guide (MSAG).

Council Staff and Support

Council staff is provided by our Local Collection Point Administrator, Mainstream Nonprofit Solutions. Council support is provided through contractors.

Member	Responsibility	Contact Info
Michele Abbott	Communication/Training Coordinator	620.382.7299
Kathleen “Kathy” Becker	LCPA Project Director	573.590.1414
Lori Criqui	Liaison-North	785.840.5772
Angie Murphy	Liaison-South	620.365.9570
Braden Perry	Attorney	816.527.9445
Phill Ryan	Technical Support Specialist	316.655.0343
Gayle Schwarzrock	LCPA Admin. Assistant	785.670.6285
Randall White	Program Manager	913.485.9911
Scott Ekberg	NG911 Administrator	785.438.8440

Communication

Our staff continually offers late-breaking news, new training, and refresher training. Real-time communication is vital to the success of NG911 and 9-1-1 responsiveness. Our Communication and Training Coordinator, Michael Abbott, hosts statewide weekly events and notices. Our PSAP Liaisons, Lori Criqui and Angie Murphy, host periodic events and provide weekly notices.

- **Council Member Handbook.** Scott Ekberg, Administrator, crafted the Council Member Handbook as an orientation and training aid for our new and existing Council Members. Because we have a turnover in membership due to overlapping terms, this Handbook is an invaluable, living document.
- **PSAP Director Handbook.** Staff issued the PSAP Director Handbook. Since PSAPs may experience high personnel turnovers, this PSAP Director Handbook is an invaluable, living document for education of newly appointed directors and for briefing new supervisors and PSTs.
- **Admin Day** is an extraordinary experience for PSAP training and awareness. Staff ensures that existing and new 911 administrators are informed of NG911 implementation history and status
- **Quarterly Legislative Newsletter.** This newsletter will provide the latest developments with Kansas NG911, as well as encapsulate the attributes of NG911. Keeping our legislators up to date is good for them, their political colleagues, and their represented constituents. This quarterly newsletter will be distributed in 4th quarter of 2021 and each quarter going forward.
- **Bi-weekly PSAP Administrators Call** addresses real-time updates, mini-training, and peer-to-peer exchanges.
- **Bi-monthly Frontline PST Call** covers the latest updates, mini-training, and peer-to-peer exchanges.
- **End of Week Bulletin** provides late breaking news and tools to help PSAPs gain the most of their NG911 experience. Bulletins and newsletters have been a mainstay to NG911 communication since 2015. Weekly bulletins ensure our PSAPs up to date with the latest news.
- **Training Tip Tuesday** provides new and refresher training on NG911 feature sets every week, and upcoming training opportunities outside of Council provided training. This ensures that our TSPs are fully familiar with the life saving features of NG911.
- **Kansas 911 website updates** provide news and documentation for all of our stakeholders. More details are provided later in this report.
- **Program Portal** has all of the essential tools, articles, documents that our PSAPs, the Council and the public need.
- RapidDeploy **Landing Page** provides PSAPs with real-time, critical information at the fingertips of our PSAPs. It is a powerful communication tool for addressing any NG911 issues down to front line PSTs.
- **Social Networking Services.** We use LinkedIn and Facebook to keep our stakeholders aware of latest developments in NG911.
- **what3words** and **RapidLocate** provide PSTs with additional, highly accurate, location information that speeds the response time and efficiency of first responders.
- **Public Service Announcements (PSAs).** Because our PSA contest last year was such a hit, the public education committee is once again working with Kansas high schools during the 2021-

2022 school year to develop NG911 video submittals. The contest was expanded in 2021 to include Community Colleges and Regents Institutions. The focus will be on the 9-1-1 aid *what3words*, a powerful location system that provides a unique, three-word location for every 3 square meters of the world.

- **National Conferences.** To stay abreast of national NG911 trends, Council staff participates in several local and national conferences and committees. Examples include NASNA, NENA, APCO, 911 Goes to Washington, and the Early Adopters Summit. Since Kansas is a leader in NG911, our goal is to assist and influence development of NG911. This ensures the preservation of our NG911 investment. Due to the COVID pandemic, some conferences were virtual this year.

Operations

- **Expenditure Review and Management.** This year, PSAP 911 expenditures were reviewed, approved, and reconciled in record time. The 911 expenditure reporting process is intricate, the effort is labor intensive. Adding a second Liaison to staff to help PSAPs understand and complete their submittals. Lori Criqui predominantly handles our northern PSAPs, and Angie Murphy predominantly handles our southern PSAPs.
- **Expenditure Review Committee (ERC)** provides an informative, collaborative platform for familiarizing PSAPs with requirements of the Kansas 911 Act, and for assisting PSAPs complete their annual reports. According to statute, there are eight (8) allowable expenditures of 911 funds:
 1. Implementation of 911 services
 2. Purchase of 911 equipment and upgrades
 3. Maintenance and license fees for 911 equipment
 4. Training of PSAP personnel
 5. Monthly recurring charges billed by service suppliers
 6. Installation, service establishment and nonrecurring start-up charges billed by the service supplier
 7. Charges for capital improvements and equipment or other physical enhancements to the 911 system
 8. The original acquisition and installation of road signs designed to aid in the delivery of emergency service.

The Chair of the Council Operations Committee, currently Josh Michaelis, serves as the Chair of the ERC. Membership of the ERC consists of members appointed by him and may include Operations Committee Members, other Council Members, or representatives of the PSAP Community at large. The ERC consists of seven to ten members. The 911 Liaisons and the NG911 Administrator support the committee as needed.

- **NG911 Incident Management (IcM)** plan and process. An “incident” is defined as an event or outage of NG911. An “event” is defined as a temporary disruption in 9-1-1 service. Frequently,

an event is transparent to the PSAP; that is, the issue is resolved before the PSAP notices degradation in service. An “outage” is defined as three or more PSAPs in reroute. Since NG911 go-live in 2015, we have experienced only three significant events. In all three incidents, failure was not the fault of our NG911 equipment, but rather human error. In all three cases, the human error issue was addressed through change in process. Our IcM Plan is continually updated with our provider the ATT Resolution Center to ensure overall system relevance. During a major event, notification is sent to affected PSAPs so that they can dial into the event bridge for real time status. Also, group emails are sent to all PSAPs to keep them informed. Our Administrator issues the final Root Cause Analysis (RCA) to PSAPs based on any RCAs received from our provider(s).

- **Contingency and Overflow** on ESInet. Memorandum of Agreements (MOAs) among PSAPs ensure that ESInet routing is far more versatile than former legacy routing. Without an MOA with a neighboring partner, their 911 calls may go unanswered. An optimum contingency and overflow plan for a PSAP includes same host and alternate host partners.
- **Mapping Solution.** RapidDeploy (RD) RadiusPlus application for mapping (plots ANI/ALI data if available) and situational awareness. RadiusPlus can be used for continuity of operations in emergency situations when the PSAP phone system is down using phone system or text messages. RD is cloud based. Licenses are user-based so that user can log into RD from anywhere with Internet access.
 - RadiusPlus v4 includes numerous enhancements such as 70 language translations and OnStar automatic crash data. Staff prepared the OnStar Telematics Policy for PSAPs.
 - *what3words* is available to provide additional caller location.
 - RapidAcademy offers a versatile learning management platform for RapidDeploy.
 - Nimbus is a full CAD system available end of 2022 and will include RadiusPlus.
- **Emergency Mobile 9-1-1 Dispatch and Training Center (EMDTC)** would provide needed disaster recovery and training platform that would enhance Kansas 911.
 - Council applied for a Strengthening People and Revitalizing Kansas (SPARK) grant in 2020. The grant request was denied.
 - Council is watching potential Federal Grant 911 opportunities to fund a Kansas NG911 EMDTC.

Training

By statute, the obligation of the Council is to thoroughly train users in our NG911 system. In addition, we are to provide and recommend associated 911 training. With that direction, the Council places heavy emphasis on training with the goal of making Kansas excellent.

- **Kansas NG911 Learning Center**
 - Training Committee conducted trade study to identify the most cost-effective learning management platform for Kansas NG911.

- Trade study conclusions recommended that we discontinue NeoGov Knowledge Center platform at the end of contract December 31, 2021. We partnered with the Mid-American Regional Council (MARC) to jointly use the TALENT Learning Management System (LMS). TALENT offers more value for about half of the cost.
- We have started transition to TALENT with go-live January 2022.
- **RapidDeploy Academy**
 - Offers numerous courses for PSAPs
 - Both initial training and refresher training on the platform keeps PST skills at their highest
 - Includes suggested NG911 Standard Operating Procedures (SOP) language as aids for PSAPs to develop their own custom procedures, if needed.
 - OnStar telematics training was recently added to the Academy for this new NG911 feature.

Public Education and Technology

Public Education

- This year, our public service announcements (PSAs) outreach again includes the Kansas Board of Education, local high schools, community colleges, and Regent's institutions. This coming year, our 9-1-1 PSAs will focus on the 911 aid *what3words*.

Technology

- **NG911 Robustness.** Kansas NG911 system has five (5) levels of diversity and redundancy.
 - Telephone service providers (wireline, wireless, VoIP) have redundant connectivity to our ESInet.
 - ESInet connectivity to both Call Handling Hosts is redundant.
 - Both Hosts are redundant and geo-diverse.
 - Host connectivity to the PSAPs is redundant
 - If Host to PSAP connectivity is lost, ESInet automatically reroutes calls to contingency and overflow partner PSAPs or to administrative lines.
 - Our RapidDeploy system can assist during a service interruption by providing location information and callback number obtained from Google and Apple, outside of the normal 911 network, for wireless callers.

- **NG911 Implementation.** We now have a total of 104 PSAPs on ESInet as shown in Figure 1.

NG911 Status Map – 10/15/2021

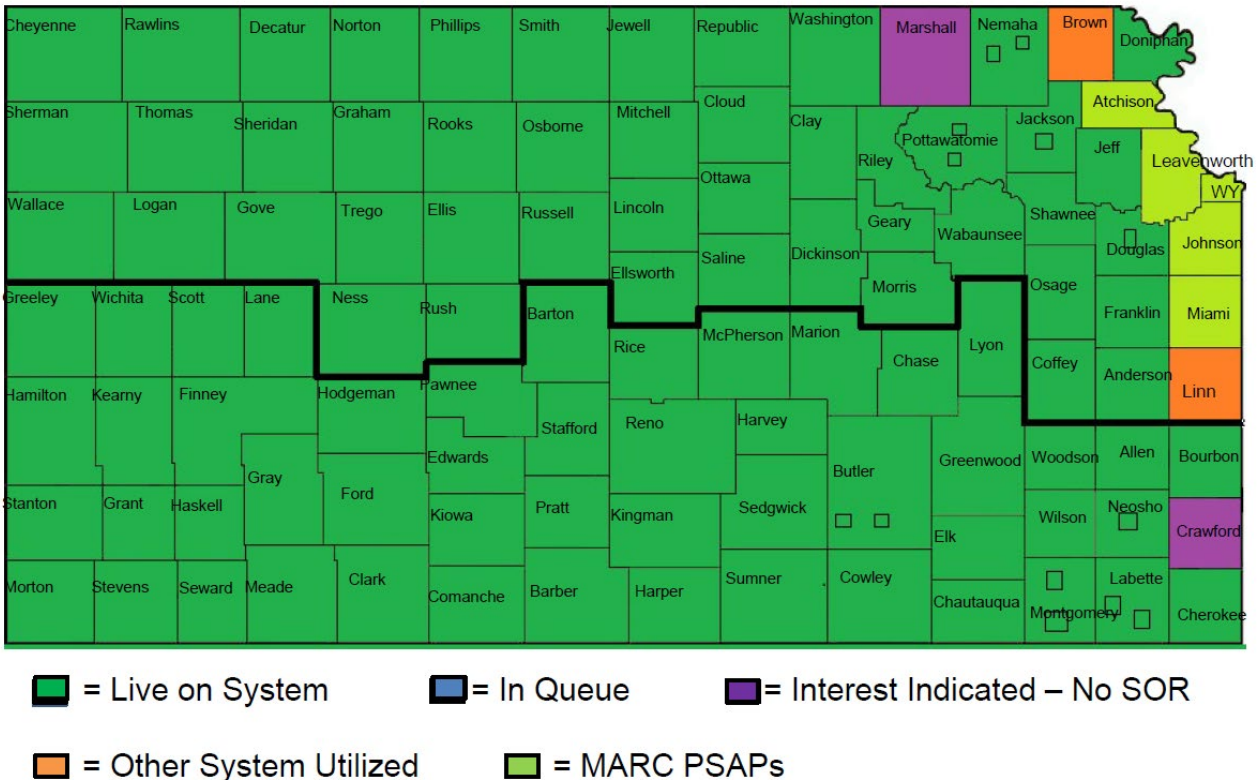


Figure 1 NG911 Implementation Status with LATA line

- Possible new sites for 2022: Kansas State University, Chanute 911 Backup Center, Marshall, Crawford, Brown, and Linn Counties. The last two counties are less likely candidates.
- The Points of Interconnect (POIs) project is gaining traction. With this adaptation, we will remove legacy tandem switches as potential points of failure, speed 911 call processing, and pave the way for handset geospatial call routing in 2022.
- **AVPN Bandwidth Expansion.** This 2021 project expanded the network port bandwidth to 10 Mb at 74 PSAPs. This increase ensures that there is sufficient bandwidth for RapidDeploy mapping to process and function more efficiently and expeditiously.
- **ATT Switched Ethernet (ASE)** technical evaluation and trade study completed:
 - More bandwidth at less cost to the Council; no cost increase to the PSAPs
 - Replaces copper wire based T1 circuits that are very limited in usefulness for our needs and replaces them with Ethernet circuits, which offer more flexibility and greater efficiency.

- Allows use of FirstNet band-14 in backup LTE system, thereby increasing bandwidth for the radio frequency component of the LTE backup system.
- Adds broadband internet connection as a 3rd redundancy to PSAP host connectivity; extremely secure (only VESTA and RapidDeploy traffic)
- Pilot testing January 2022
- Full implementation February-November 2022.

Call Handling Enhancements

- **Hosted VESTA R7.7 upgrade** enhancements gives us several key benefits:
 - Resolves an intermittent ALI information issue where ALI data fails to deliver to the PSAPs and instead displays a “Transport Error” message.
 - Contains software modifications to resolve the DNS query issue that was partially involved in the November 29, 2020, Kansas 911 Hosted system event.
 - Includes several other minor software fixes for stability.
- **FCC national 9-8-8 dialing plan** mandate
 - For the nation to implement the 3-digit, National Suicide Prevention Lifeline number, 9-8-8, all telephone carriers must implement 10-digit dialing; Local 7-digit dialing was discontinued on October 24, 2021.
 - 9-8-8 service must be available by the end of 2022.
 - This change from 7 to 10-digit dialing required some PSAP speed-dial records to be reprogrammed to add the area code to function properly. Council Liaisons worked with PSAPs to ensure a seamless transition to 10-digit dialing.
 - The mandate effected all services with automatic dialing equipment.
- **Third Host Redundancy Project**
 - Available to any PSAPs having three or more full workstations; cost is \$2k per workstation annually until the cost of the 3rd host is amortized (if Fed Grant funds become available, amortization would occur more quickly)
 - increases redundancy and robustness by allowing PSAP to use “System Selector” software application from Primary Host to Redundant Host within about 5 minutes.
 - *System Selector* allows a 911 workstation to redirect to another host if the primary is not working.
 - A geographically collocated group of PSAPs will be migrated to the 3rd Host, at no cost, to make the host a hot site and provide some additional capacity on the existing south host.

- **Automatic Abandoned Callback (AAC)** under consideration
 - This is a feature of VESTA Call Handling system that allows abandoned 9-1-1 calls to be automatically called back by the system without human intervention.
 - Would be available to any PSAP that wants the capability; there is a one-time non-recurring cost of \$7,250 to \$59,000 depending on the number of seats in the PSAP. An annual not to exceed recurring cost of \$12,000 per host will be realized for outbound call trunking. The recurring cost of the outbound circuits is a shared cost, so each PSAPs annual cost will decrease from the \$12,000 level, depending on the number of PSAPs electing to use the feature.

Mapping and Situational Awareness

- RapidDeploy v3 was successfully deployed
- RapidDeploy v4 was successfully deployed
- Mapping overlays

Note: refer to Kansas NG911 Strategic Plan for future consideration such as predictive analytics, Smart City technology and Artificial Intelligence (AI) initiatives.

Statistical Analysis

- New and advanced NG911 analytical tools are continually being evaluated. Analytics provides real-time data relative to NG911 usage. Effectiveness, efficiency, and reliability are prominent factors. Currently two analytical packages are under evaluation:
 - **ECaTS**. We have used this package since 2015. It has served us well but lacks some of the ESInet reporting that we need. We are currently evaluating an additional offering from ECaTS that would include i3 logging as a part of the data capture, thus filling the existing void.
 - **RapidDeploy Eclipse Analytics**. Eclipse is under investigation because it the basic features of ECaTS while offering the advanced features we need for deep analytics.

Potentially, a combination of the two systems will be utilized to provide the data analytics that best suit the PSAPs and the Council.

Cybersecurity

- The Technical Committee continually monitors the latest in cybersecurity awareness and avoidance measures. Our provider, AT&T, has a proprietary security standard known as AT&T Security Policy Requirements (ASPR) that it follows on all AT&T projects. ASPR maps to most all security standards, including the NIST Cybersecurity Framework (CDF). This year, their corporate Security Officer's briefing covered in-depth their Security Model and how AT&T Security Policy and Requirements (ASPR) invokes security standards (such as NIST800-53 Plus ISO, COBIT, PCI, CJIS, GDPR...) to map their security practices.

- As we do each year, the Kansas NG911 Security Review will take place December 2021.

GIS Data

- **GIS data.** Kansas leads the nation in Geographic Information System (GIS) data. GIS data is critical for properly routing 911 calls and displaying 911 caller information. Therefore, the integrity of GIS data is crucial. Because the integrity of GIS data is so crucial, the GIS team provides data maintenance and management training through quarterly GIS User Group sessions. Training is provided for both GIS Data Stewards using our LMS and GIS Data Maintainers at the Kansas Mappers conferences. All Kansas jurisdictions cooperate fully with the submittal of all data changes during the year.
- **Orthoimagery.** Our provider SURDEX provided brand new fly-over imagery of the state ahead of schedule. This imagery not only is vital to Kansas 911 but also is useful to a number of Kansas agencies. High density flights paths were made for program buy-up partners.
- **Call Handling Mapping Solution.** The GIS team optimized our base map and works weekly with RapidDeploy with the full integration of RadiusPlus cartographic design and on-going map service maintenance and monitoring.
- **GIO/MSAG Database Conversion.** Our GIS Specialist, Sherry Massey, is an integral part of the AT&T and Intrado (formerly West Corp) process as they convert GIO/MSAG data to the new database platform.

User Portal

Our 911 User Portal facilitates NG911 communication and activities with our PSAPs:

- NG911 Geodatabase Model and Toolbox
- PSAP 911 Expenditure Reporting guidance, aids, and tools. The Program Portal greatly facilitates the collection and finalization of PSAP expenditure reports.
- Communication modules message Staff and various stakeholders such as the AT&T Tiger Team
- PSAP DDS management of user accounts on our VESTA hosted call handling system
- NG911 program document archive and management repository.

Website

- Our website <https://www.kansas911.org/> is a compendium of the latest NG911 news, data, and developments. Please check it out as often as you can to learn about our latest advances and milestones.

Definitions, Terms, Acronyms

AFU	Approved for Use term used by AT&T
ALI	Automatic Location Identification (ALI) is a service whereby a PSAP call taker is automatically given the emergency 9-1-1 caller's address. This service uses a tabular DB that is associated with CAMA trunks that are provided by the PSAP's LEC carrier.
ANI	Automatic Number Identification (ANI) is a service whereby a PSAP call taker is automatically given the emergency 911 caller's telephone number; uses a tabular database that is associated with CAMA trunks that are provided by the PSAP's LEC carrier.
APCO	Association of Public-Safety Communications Officials
AT&T	American Telephone and Telegraph
AVPN	AT&T Virtual Private Network
BUS	Back-Up Site such as Yoder Center
Call Handling Equipment	Is special equipment that allows PSAP call takers to accept, manage and, if necessary, transfer emergency 9-1-1 calls. Typically, this equipment is computer based and uses one or more monitors to facilitate the handling of emergency calls.
CAMA trunk	Centralized Automatic Message Accounting (CAMA) is actually a call log that is based on the traditional telephone line ("trunk" or "circuit") from the LEC to the PSAP.
CDR	Critical Design Review
CPE	Customer Premise Equipment is equipment that the Council's provider AT&T furnishes at PSAP in order to provide the hosted call handling service of NG911; typically, this is a small router or switch similar to that provided in homes for cable TV service.
Cybersecurity	Unauthorized use of a protected network system and measures to counter
DDS	Data Distribution Services server term used by Airbus
DHS	Department of Homeland Security
ECaTS	Emergency Call Tracking System universal 911 Call Reporting System provides real-time reporting analytics; ECaTS911 is a product of Direct Technology
EMD	Emergency Medical Dispatch
EMDC	Emergency Mobile Dispatch Center is a mobile 911 dispatch center including prime mover and a fully integrated, self-contained equipment trailer for deployment during emergency outages and for local operational training.
ESInet	Emergency Services IP Network
FCA	First Company Application term used by AT&T
FCC	Federal Communications Commission
FDR	Final Design Review
FirstNet	First Responder Network Authority
GA	General Availability term used by AT&T

Geospatial Routing	Allows more accurate routing of emergency 911 calls than traditional E9-1-1. Relies on a GIS database to identify the location of the emergency 9-1-1 caller on a map using X-Y coordinates rather than current MSAG, ALI and ANI tabular databases. Various layers of information can be added to the map to provide call taker with enhanced information relative to location to improve emergency response and routing of call. Usual legacy ANI/ALI/ESN tables or caller geospatial routing database (latitude, longitude), geo-spatial routing ensures that E9-1-1 calls are routed to the correct PSAP for emergency response regardless of the network used by the caller.
GIS	A Geographic Information System (GIS) is a system that correlates an emergency 9-1-1 callers location to a map database in order for the PSAP call taker to route and direct emergency responders accurately and quickly to the location of the emergency.
Governance	The methodology whereby the major stakeholders of NG911 are monitored based on pre-determined policies.
i3 architecture	NENA standards-based NG9-1-1 solution standards offering not only voice traffic but also text, IM, streaming video, photo, telematics, and other non-voice media using ESRP and ECRF.
IcM	Incident Management “Day-2 Support Model and Plan”; monitors open-closed trouble tickets.
ILS	Integrated Logistic Support. An ILS Plan is a 360-degree look at logistic support. It considers such things as spares, spares location, Day-2 support of Resolution Center.
Infrastructure	The hardware and software necessary for providing the Kansas NG911 Solution as a Service; includes networking, data centers, call handling and reporting, operational support.
IP Selective Routing	End-to-end ESInet selective routing interaction is the ESInet solution leading to full NG9-1-1 functionality i3 architectural end state.
ITSS	Implementation Technical Support Specialist
KAM	Kansas Association of Mappers
KHP	Kansas Highway Patrol
KLETC	Kansas Law Enforcement Training Center
KU	Kansas University
LCPA	Local Collection Point Administrator
LEC	Local Exchange Carrier (LEC) refers to the telephone company (“carrier”) for a locality. Examples are AT&T, CenturyLink, Pioneer Communication, and many others in Kansas.
LTE	Long-Term Evolution; for example, LTE cellular wireless network
MARC	Mid-America Regional Council, KC, MO; has Kansas-Missouri cross border PSAPs
MOA	This document is the Memorandum of Agreement (MOA). It forms the relationship and participation between the PSAP jurisdiction and the Council for the acquisition and support of NG911 hosted call handling services from the Council’s provider AT&T.
MOP	Method of Procedure
MSAG	Master Street Address Guide contains 911 caller address range, street name, city information that is used with caller location information to properly route 911 calls to the correct PSAP.
NASNA	National Association of State 911 Administrators

Neighboring States	Nebraska, Missouri, Oklahoma, Colorado.
NENA	National Emergency Number Association
NG9-1-1	Next Generation 9-1-1 (NG911) is a national initiative for updating our outdated 9-1-1 call handling service with special emphasis on the increased dependency of our society on wireless (cellular) communication rather than traditional wireline telephone.
OnStar	OnStar® Corporation is a subsidiary of General Motors that provides subscription-based communications, in-vehicle security, emergency services, hands-free calling, turn-by-turn navigation, and remote diagnostics systems throughout the United States, Canada, China, Mexico, Europe, Brazil, and Argentina.
PDR	Preliminary Design Review
PM	Project Management; Program Management
PSA	Public Service Announcement
PSAP	The Public Safety Answering Point (PSAP) is a local center where emergency 9-1-1 calls are routed. Typically, PSAPs are located at a county level such as a county sheriff. They are also located at a local level such as a police department.
PSDC	Public Safety Dispatch Center; non-traditional PSAP such as higher education, military, Native American, Highway Patrol...
PST	Public Safety Telecommunicator; formerly referred to as “9-1-1 Dispatcher.”
RFI	Request for Information
RFP	Request for Proposal
RFQ	Request for Quote
RTT	Real-Time Texting appearance as typing
SMS	Short Message Service allows wireless subscribers to send 911 SMS text messages to PSAPs and for subscribers to receive text replies from PSAPs
SPOC	Single Point of Contact
TCC	Text Control Center
TCS	Telecommunication Systems Text-to-911 technology, Comtech Telecommunications
TEES	Test and Evaluation Equipment Suite for BUS
Vehicle Telematics	The computer system in a vehicle that collect and store critical information that can be used to determine events leading to a crash.

Appendix A – Council Team

Kansas 911 Coordinating Council

Chief Dick Heitschmidt, Council Chair

Member	Representing	Voting (17)	Non-voting (11)
Sen. Rick Billinger	Kansas Senate	X	
Melanie Bergers	PSAPs over 75,000 population	X	
Sheriff Troy Briggs	Kansas Sheriff's Association	X	
Jacqueline "Jac" Brown	Government IT	X	
Rep. John Carmichael	Kansas House of Representatives	X	
Chief Police Terry Clark	PSAP Tribal Government		X
Robert Cooper	KS Commission Deaf/Hard Hearing	X	
Jerry Daniels	Kansas Association of Counties		X
Mike Daniels	Mid-America Regional Council		X
Sen. Marci Francisco	Kansas Senate	X	
Patrick Fucik	Large Wireless Providers		X
Chief Jerry Harrison	Kansas Chiefs of Police	X	
Chief Scott Hillbrink	Kansas Fire Chiefs Association	X	
Rep. Kyle Hoffman	Kansas House of Representatives	X	
Sherry Massey	PSAPs under 75,000 population	X	
Robert "Rob" McDonald	Rural Independent Telco's		X
Joshua "Josh" Michaelis	PSAPs under 75,000 population	X	
Ken Nelson, GIO	Kansas Geological Info Systems		X
Elizabeth "Liz" Phillips	Non-traditional PSAPs, KU		X
William "Nick" Robbins	Kansas EMSA	X	
Michael Ruffin	Local Exchange Carriers > 50k lines		X
Rebecca "Becky" Snook	Kansas APCO	X	
Sarah Spinks	Kansas Office of IT Services (OITS)		X
Mark Tucker	VoIP Providers		X

Brooks Wederski	Government IT	X	
Ellen Wernicke	PSAPs over 75,000 population	X	
Jonathan York	Adjutant General	X	
Vacant (<i>was David Cowan</i>)	Kansas League of Municipalities		X

Appendix B – Financial Reports

Fee Expenditures

Fee expenditures statewide for January to December 2020, totaled \$21,452,667.51. Figure 2 depicts the areas in which 911 Fee funds were expended by the PSAPs.

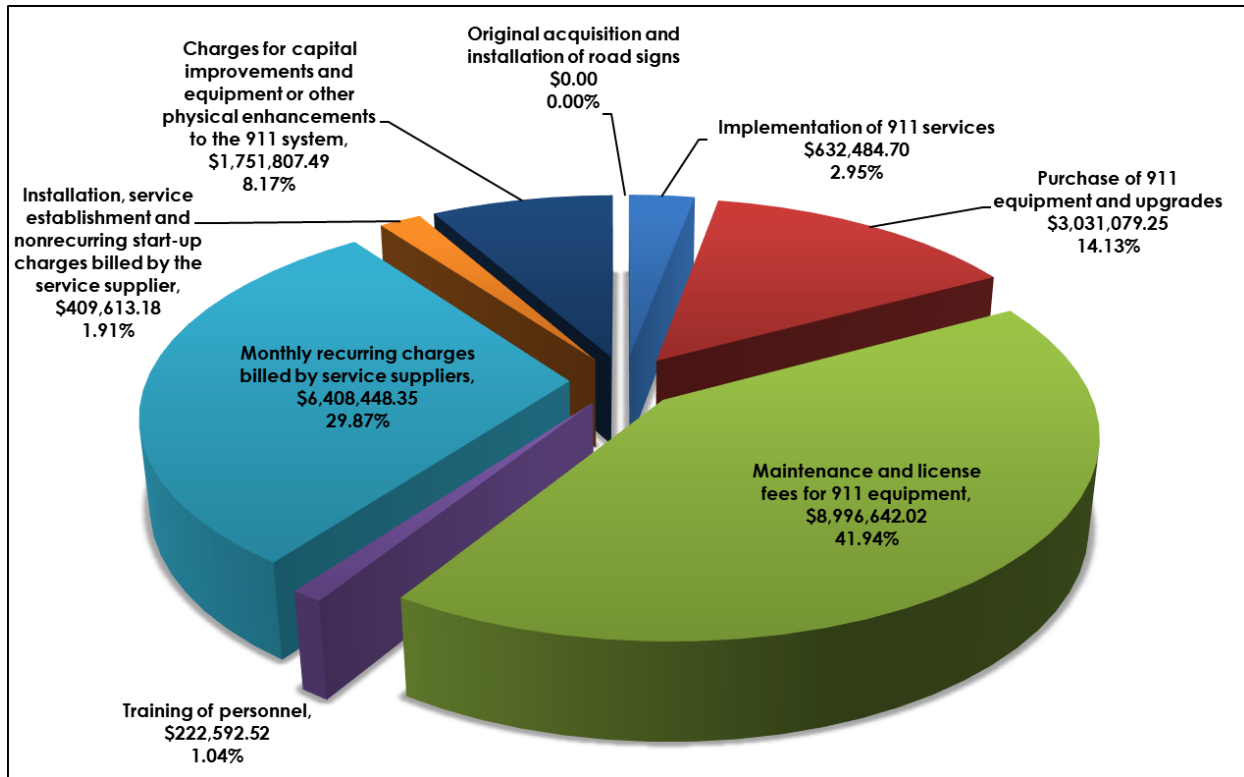


Figure 2 - 911 Fee Funds Expended by PSAPs

Annual expenditure reports are due by March 1st of each year, as set by the Kansas 911 Act. The Council was able to obtain all of the 2020 expenditure reports, review them, and finalize the reporting by the end of September 2021. Any questionable expenditures were examined and additional information to aid in determining allowability was obtained. Following the review process, a total of \$10,443.93 was found to have been expended outside of the eight allowable uses. The PSAPs having made those expenditures were advised that the expenditures did not fall within the allowable uses and were asked to refund their 911 accounts for those expenditures. All complied and have provided documentation of the reimbursement.

In 2020, the LCPA disbursed a total of \$23,607,030 in 911 Fee revenue to local PSAPs. Of this amount, \$1,545,218 was in the form of minimum payments to ensure that every County received a minimum distribution of at least \$60,000. It should be noted that recurring charges for services and maintenance and licensing fees account for 71.81% of all expenditures.

State Operations Fund

The Kansas 911 Act was amended in 2019 to create the State Operations Fund and funded it with \$0.23 of every 911 fee collected by the LCPA. The Operations Fund is further funded by prepaid wireless fees

that are collected at the point of sale of prepaid wireless service at a rate of 2.06%. The Operations Fund is used to pay Council administrative costs and to fund the Kansas NG911 Call Handling System. The Operations Fund realized total funding from the 911 fees of \$8,143,691.12 in 2020, about 25% less than was forecasted. Prepaid wireless fees collected in 2020 provided \$2,723,715.49 in additional revenue, bringing total 911 fee revenue for the Operations Fund to \$10,867,406.61.

State Grant Fund

The 2019 changes to the Kansas 911 Act, established funding for the State Grant Fund at \$.01 from every 911 fee collected. The purpose of the State Grant Fund is to provide grant funding for emergency type purposes, where local budget authority may not exist for equipment replacement within a budget year. In 2020, the State Grant Fund realized revenue of \$352,386.00 from this funding source. No grant applications were received and the balance in this fund at year’s end was \$478,653.70.

Council Administrative Costs

Council administrative expenses are capped by the Act at 2% of the total revenue generated by the 911 fees. Prior to the 2019 changes to the Kansas 911 Act, that cap was 2.5%. Since 2012, the Council has always maintained its administrative expenditures well below this cap. Figure 3 depicts the Council administrative expenditures from 2012 through June 30, 2021, as a percent of total

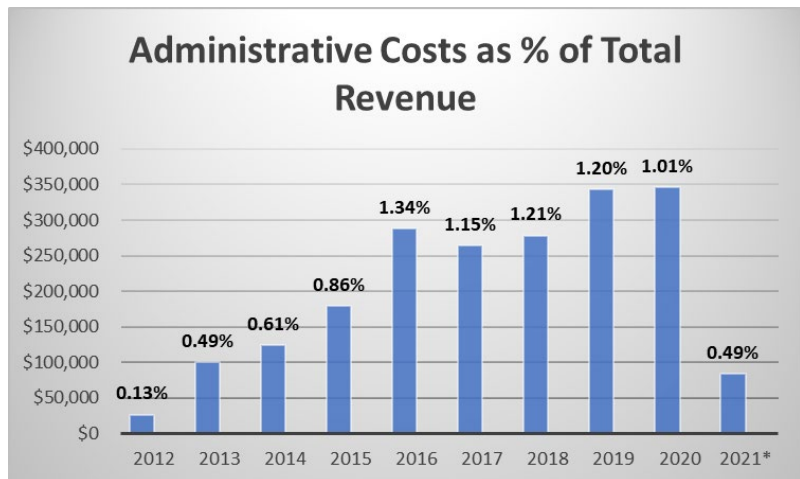


Figure 3 - Council Administrative Expenses as % of Total Fee Revenue

As shown, administrative expenditures have ranged from a low of 0.13% to a high of 1.34%. As the call handling system has grown, administrative expenses have tended to rise, however, the trend over the past four years has remained relatively flat. 2021 administrative expenditures are expected to continue this trend.

Between January 1, 2012, and June 30, 2021, the Council expended a total of \$229,377,765.14 in all expense categories. Figure 4 below, illustrates these expenditures by project category as a percent of total 911 fee revenue. As shown, call handling system and GIS data expenditures account for 17% of total Council expenditures. Program support services, which include LCPA services, LPA and LCPA Audit Costs, Project Management, Implementation Technical Support Services, and technical equipment for testing, account for 2%, while Council administrative costs total 1% of total 911 fee revenue. Council administrative costs include Council and Committee meeting expenses (travel, meals, venues, publication fees for notice of meetings) and personnel costs (salaries, benefits, travel, and vehicle expenses) for the Council’s administrative contract staff. Other administrative expenses include office expense and telephone expense for all Council contract staff.

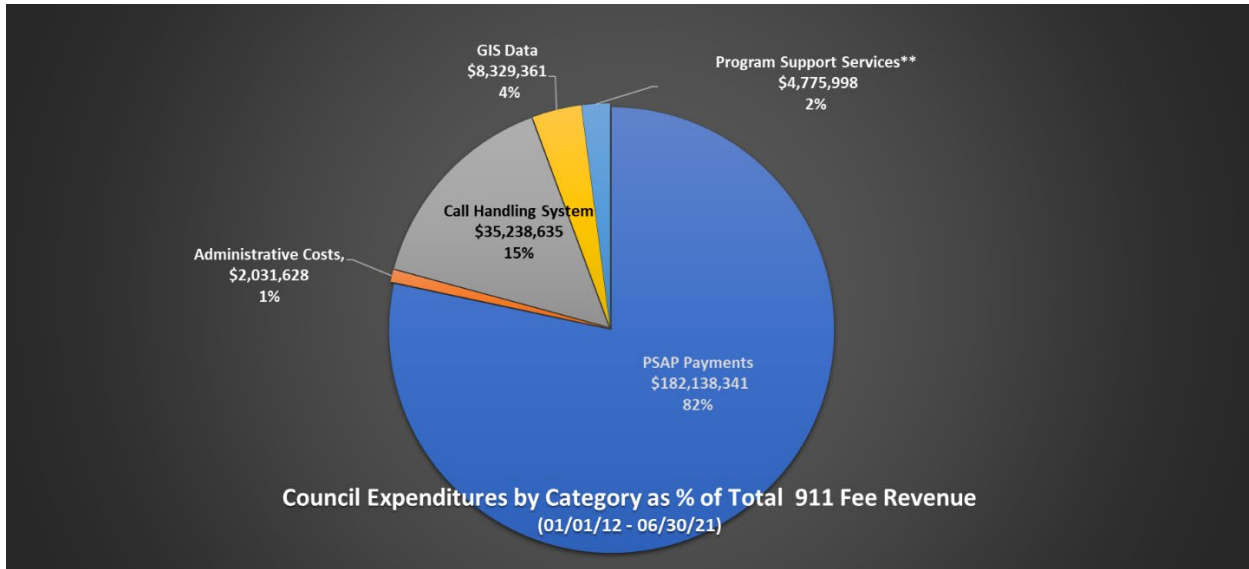


Figure 4 - Council Expenditures by Category as Percent of Total Revenue (Through 6/30/20)

Cost Structure

The 911 ACT (Act) of 2011 established a 911 Fee of \$.53 per month, per communications device capable of calling 911, and a prepaid wireless 911 Fee of 1.06% per retail transaction. The Act also contained a provision to ensure that each county jurisdiction received a minimum of \$50,000 in 911 revenue per year, or \$12,500 per calendar quarter. The Act empowered the Council to increase this fee by administrative regulation up to \$.60. The Council exercised this authority effective October 2015, increasing the fee to \$.60 per month. 2019 legislative action increased the fee to \$.90 and the annual minimum to \$60,000, effective July 1, 2019.

During 2012, 53 local Kansas jurisdictions received additional 911 revenues at the end of each quarter to ensure they received the minimum of \$50,000. Table 3 depicts the number of minimally funded PSAPs by year. The increase in the number of minimally funded PSAPs in 2019 and 2020 are directly attributable to the increase in the minimum funding limit.

Table 1 - Minimally Funded PSAPs

Year	Number of Minimally Funded PSAPs
2012	53
2013	53
2014	54
2015	50
2016	48
2017	49
2018	51
2019	57
2020	58
2021*	58*

*Through August 2021

The funding for minimum payments comes from 911 funds collected in larger-population counties which receive between 82% and 97% of the 911 Fees collected in their jurisdictions. The larger-population counties agreed to that provision to help provide for an equitable level of 911 service by all PSAPs in Kansas.

Total 911 Fees and prepaid wireless fees collected between 2012 and June of 2021 are shown in Table 3 below. 2021 amounts are actuals collected through June of 2021, extrapolated for a full year.

Table 2 Total 911 Fees

Year	911 Fee Funds Collected	Total Prepaid Wireless Fees Collected	Difference from Previous Year	
			911	Prepaid
2012	\$19,414,841	\$1,055,132	N/A	N/A
2013	\$19,416,238	\$1,156,979	\$1,397	\$101,847
2014	\$19,011,333	\$1,326,415	(\$404,905)	\$169,436
2015	\$19,359,086	\$1,462,888	\$347,753	\$136,473
2016	\$21,022,272	\$1,918,797	\$1,663,186	\$455,909
2017	\$22,900,621	\$1,916,781	\$ 1,878,349	(\$2,016)
2018	\$21,555,711	\$1,806,243	(\$1,344,910)	(\$110,538)
2019	\$26,573,640	\$2,059,641	\$5,017,929	\$253,398
2020	\$31,678,149	\$2,723,715	\$5,104,509	\$664,074
2021	\$15,900,455*	\$1,131,507*	\$122,761 [†]	(\$460,701) [†]

*Extrapolated from actuals through 6/30/20

[†]Estimated increase/decrease over 2020 revenue

2020 financial reports of the LCPA, are attached on the following pages.

KANSAS 911 COORDINATING COUNCIL
Balance Sheet
Thursday, December 31, 2020

	Current YTD
Assets:	
Cash	
911 State Fund	\$4,258,664.14
911 Operations Fund	8,069,493.20
911 State Grant Fund	478,653.70
911 State Money Market	398,072.08
911 Operations Money Market	1,219,939.92
Total Cash	14,424,823.04
Investments	
911 State Fund Investments	1,780,556.04
911 Operations Fund Investments	6,331,318.89
Total Investments	8,111,874.93
Accounts Receivable	2,893,633.61
Prepaid Expenses	130,228.61
Accrued Revenues	
Accrued Receivables	11,129.29
Total Accrued Revenues	11,129.29
Total Assets	25,571,689.48
Liabilities	
Accounts Payable	3,905,095.90
Accrued Expenses	
Accrued Accounts Payable - PSAP Minimum Payments	296,129.29
Accrued Accounts Payable - PSAP Withholding	7,409.29
Accrued Accounts Payable - Arrears	121,513.24
Total Accrued Expenses	425,051.82
Deferred Revenue	218,500.00
Total Liabilities	4,548,647.72
Equity	
Fund Balance - Unrestricted	21,023,041.76
Total Liabilities and Equity	25,571,689.48

**Kansas 911 Coordinating Council
Summary
For the Twelve Months Ending Thursday, December 31, 2020**

	Current Period	Current Period Budget	Current YTD	Budget YTD	FY 20 Budget Remaining
Revenue					
Telcom Income	\$2,697,680.70	\$2,626,697.13	\$31,678,149.37	\$31,519,310.00	(\$158,839.37)
Prepay Fee Income	204,039.97	292,520.62	2,723,715.49	3,510,247.00	786,531.51
PSAP 911 Services Payments	43,569.10	317,721.88	4,016,566.37	3,812,663.00	(203,903.37)
Imagery Cost Share	0.00	1,250.00	0.00	15,000.00	15,000.00
Grant Income	0.00	0.00	1,156,644.09	0.00	(1,156,644.09)
Interest Income	1,098.11	6,666.74	41,318.78	80,000.00	38,681.22
Total Revenue	\$2,946,387.88	\$3,244,856.37	\$39,616,394.10	\$38,937,220.00	(\$679,174.10)
PSAP Expenses					
PSAP Payments	1,721,783.64	1,838,484.37	20,354,815.73	22,061,812.00	1,706,996.27
PSAP Minimum Quarterly Payments	179,692.32	128,768.24	1,595,106.06	1,545,218.00	(49,888.06)
Total PSAP Expenses	\$1,901,475.96	\$1,967,252.61	\$21,949,921.79	\$23,607,030.00	\$1,657,108.21
Operating Expenses					
Personnel Contracts	38,787.06	55,753.37	332,365.06	669,040.00	336,674.94
Council Meeting Expenses	0.00	741.63	1,580.08	8,900.00	7,319.92
Committee Meeting Expenses	1,146.60	1,047.99	2,848.00	12,575.00	9,727.00
Other Administrative Costs	489.63	4,262.50	13,068.80	51,150.00	38,081.20
Total Operating Expenses	\$40,423.29	\$61,805.49	\$349,861.94	\$741,665.00	\$391,803.06

Contractual Costs

AT&T Service Contracts	770,419.73	800,466.74	7,285,280.45	9,605,600.00	2,320,319.55
LCPA Contract	11,054.17	11,054.13	132,650.04	132,650.00	(0.04)
Other Contract Costs	98,539.38	131,484.24	1,185,555.40	1,577,810.00	392,254.60
Grant Expenses	125,520.00	0.00	2,671,797.08	0.00	(2,671,797.08)
Total Contractual Costs	\$1,005,533.28	\$943,005.11	\$11,275,282.97	\$11,316,060.00	\$40,777.03

Total Expenses

2,947,432.53	2,972,063.21	33,575,066.70	35,664,755.00	2,089,688.34
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Other Income

Investment Interest/Dividends	23,143.19	0.00	291,325.89	0.00	(291,325.89)
Gain/Loss on Investment	5,081.48	0.00	154,605.01	0.00	(154,605.01)
Total Other Income	\$28,224.67	\$0.00	\$445,930.90	\$0.00	(\$445,930.90)

Other Expense

Investment Fees	10,784.85	0.00	77,109.32	0.00	(77,109.32)
Total Other Expense	\$10,784.85	\$0.00	\$77,109.32	\$0.00	(\$77,109.32)

Net Other Income and Expense

\$17,439.82	\$0.00	\$368,821.58	\$0.00	(\$368,821.58)
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Net Change in Net Assets

\$16,395.17	\$272,793.16	\$6,410,148.98	\$3,272,465.00	(\$3,137,684.02)
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Operating Expense Percentage**0.90%**

**Kansas 911 Coordinating Council
911 State Fund
For the Twelve Months Ending Thursday, December 31, 2020**

	Current Period	Current Period Budget	Current YTD	Budget YTD	FY 20 Budget Remaining
Revenue					
Telcom Income	\$1,974,147.24	\$2,626,697.13	\$23,182,071.65	\$31,519,310.00	\$8,337,238.35
Interest Income	308.83	2,222.22	14,216.13	26,666.64	12,450.51
Total Revenue	\$1,974,456.07	\$2,628,919.35	\$23,196,287.78	\$31,545,976.64	\$8,349,688.86
PSAP Expenses					
PSAP Payments	1,721,783.64	1,838,484.37	20,354,815.73	22,061,812.00	1,706,996.27
PSAP Minimum Quarterly Payments	179,692.32	128,768.24	1,595,106.06	1,545,218.00	(49,888.06)
Total PSAP Expenses	\$1,901,475.96	\$1,967,252.61	\$21,949,921.79	\$23,607,030.00	\$1,657,108.21
Operating Expenses					
Other Administrative Costs	317.63	97.22	3,785.06	1,166.64	(2,618.42)
Total Operating Expenses	\$317.63	\$97.22	\$3,785.06	\$1,166.64	(\$2,618.42)
Total Expenses	1,901,793.59	1,967,349.83	21,953,706.85	23,608,196.64	1,654,489.79
Other Income					
Investment Interest/Dividends	5,124.16	0.00	65,241.11	0.00	(65,241.11)
Gain/Loss on Investment	1,481.09	0.00	31,396.18	0.00	(31,396.18)
Total Other Income	\$6,605.25	\$0.00	\$96,637.29	\$0.00	(\$96,637.29)

Other Expense

Investment Fees	2,532.51	0.00	77,804.73	0.00	(77,804.73)
Total Other Expense	\$2,532.51	\$0.00	\$77,804.73	\$0.00	(\$77,804.73)
Net Other Income and Expense	\$4,072.74	\$0.00	\$18,832.56	\$0.00	(\$18,832.56)
Net Change in Net Assets	\$76,735.22	\$661,569.52	\$1,261,413.49	\$7,937,780.00	\$6,676,366.51

**Kansas 911 Coordinating Council
911 Operations Fund
For the Twelve Months Ending Thursday, December 31, 2020**

	Current Period	Current Period Budget	Current YTD	Budget YTD	FY 20 Budget Remaining
Revenue					
Telcom Income	\$693,640.14	\$0.00	\$8,143,691.12	\$0.00	(\$8,143,691.12)
Prepay Fee Income	204,039.97	292,520.62	2,723,715.49	3,510,247.00	786,531.51
PSAP 911 Services Payments	43,569.10	317,721.88	4,016,566.37	3,812,663.00	(203,903.37)
Imagery Cost Share	0.00	1,250.00	0.00	15,000.00	15,000.00
Grant Income	0.00	0.00	1,156,644.09	0.00	(1,156,644.09)
Interest Income	761.67	2,222.22	26,250.38	26,666.64	416.26
Total Revenue	\$942,010.88	\$613,714.72	\$16,066,867.45	\$7,364,576.64	(\$8,702,290.81)
Operating Expenses					
Personnel Contracts	38,787.06	55,753.37	332,365.06	669,040.00	336,674.94
Council Meeting Expenses	0.00	741.63	1,580.08	8,900.00	7,319.92
Committee Meeting Expenses	1,146.60	1,047.99	2,848.00	12,575.00	9,727.00
Other Administrative Costs	172.00	4,067.98	9,283.74	48,816.64	39,532.90
Total Operating Expenses	\$40,105.66	\$61,610.97	\$346,076.88	\$739,331.64	\$393,254.76
Contractual Costs					
AT&T Service Contracts	770,419.73	800,466.74	7,285,280.45	9,605,600.00	2,320,319.55
LCPA Contract	11,054.17	11,054.13	132,650.04	132,650.00	(0.04)
Other Contract Costs	98,539.38	131,484.24	1,185,555.40	1,577,810.00	392,254.60
Grant Expenses	125,520.00	0.00	2,671,797.08	0.00	(2,671,797.08)
Total Contractual Costs	\$1,218,538.49	\$943,005.11	\$11,275,282.97	\$11,316,060.00	\$40,777.03
Total Expenses	\$1,258,644.15	1,004,616.08	11,621,359.85	12,055,391.64	434,031.83

Other Income

Investment Interest/Dividends	18,019.03	0.00	226,084.78	0.00	(226,084.78)
Gain/Loss on Investment	3,600.39	0.00	123,208.83	0.00	(123,208.83)
Total Other Income	\$21,619.42	\$0.00	\$349,293.61	\$0.00	(\$349,293.61)

Other Expense

Investment Fees	8,252.34	0.00	(695.41)	0.00	695.41
Total Other Expense	\$8,252.34	\$0.00	(\$695.41)	\$0.00	\$695.41

Net Other Income and Expense

\$13,367.08	\$0.00	\$349,989.02	\$0.00	(\$349,989.02)
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Net Change in Net Assets

(\$90,260.98)	(\$390,901.36)	\$4,795,496.62	(\$4,690,815.00)	(\$9,486,311.66)
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**Kansas 911 Coordinating Council
911 State Grant Fund
For the Twelve Months Ending Thursday, December 31, 2020**

	Current Period	Current Period Budget	Current YTD	Budget YTD	FY 20 Budget Remaining
Revenue					
Telcom Income	\$29,893.32	\$0.00	\$352,386.60	\$0.00	(\$352,386.60)
Interest Income	27.61	2,222.30	852.27	26,666.72	25,814.45
Total Revenue	\$29,920.93	\$2,222.30	\$353,238.87	\$26,666.72	(\$326,572.15)
Operating Expenses					
Other Administrative Costs	0.00	97.30	0.00	1,166.72	1,166.72
Total Operating Expenses	\$0.00	\$97.30	\$0.00	\$1,166.72	\$1,166.72
Total Expenses	0.00	97.30	0.00	1,166.72	1,166.72
Net Change in Net Assets	\$29,920.93	\$2,125.00	\$353,238.87	\$25,500.00	(\$327,738.87)

Appendix C – Council Work Plan for 2022

2022 Work Plan for 911 Coordinating Council

Scheduled Council Meetings for 2022:

- January 21, 2022 (Fri) (Web Conference)
- TBD – April 2022 (Mon) (KS APCO – TBD)
- June 10, 2022 (Fri) (Web Conference)
- August 26, 2022 (Fri) (Topeka)
- TBD – October 2022 (Mon) (Joint Conference with KS APCO – TBD)
- December 9, 2022 (Fri) (Web Conference)

OBJECTIVES:

A. Executive Committee

Date Due

ACTIVITIES: Oversight of Local Collection Point Administrator (LCPA) contract services; monitor 911 revenue collection and approve Council budget; identify Administrative Regulations needed; distribute prepaid wireless 911 fees in excess of \$3 million/year; provide guidance to Public Safety Answering Points (PSAPs) on use of 911 funds; monitor telecommunications service provider compliance with 911 Act requirements and Regulation; Conduct annual review of LCPA. Oversight of Council's Communications Plan, portal and web-site services to provide timely and relevant information to PSAPs and to provide access by stakeholders to information, guidance, standards, and general information from the Council; Evaluate strategies and recommendations of Strategic Plan update, due February 28, 2021; Accept and/or modify strategies, timelines, priorities, fiscal objectives, and staff recommendations; facilitate multi-jurisdictional implementation efforts identified in plan; take specific actions to implement strategies and goals in the plan; evaluate any legislative action needed to implement strategies; monitor plan implementation progress and update it with accomplishments, revised priorities, and changes in strategies and goals.

1. Perform Statutory Council Responsibilities	
• Conduct annual review of LCPA	06/10/22
• Work Plan and Budget Planning Workshop	09/30/22
• Draft 2023 Budget and Workplan to Council	TBD
• Adopt 2023 Budget and Workplan	12/09/22
2. Annual Reports to Legislature, Federal Communications Commission (FCC), National 911 Profile Database	
• FCC report due	06/30/22
• Profile Database update due	07/01/22
• Present draft Legislative report to Council	TBD
• Approve final legislative report Council	12/09/22
• Send legislative report to Legislative Committees	01/15/23
3. Statewide Strategic Plan for Implementation of Next Generation 911 (NG911) Services	
• Updated Strategic Plan draft provided to Council	02/28/22
• Council adoption of updated Strategic Plan	TBD
• AT&T, Motorola, RapidDeploy Roadmap review	04/19/22
• Strategic Planning Brainstorm	04/20/22
• Strategic Planning Brainstorm	09/28/22
• Exec Committee Strategic Planning Workshop	09/29/22
4. Council Operations	
• Review and revise business case	03/31/22
• Review and revise business case	06/30/22
• Review and revise business case	09/30/22
• Review and revise business case	12/31/22
• Management of Federal 911 Grant projects	Ongoing
• Present EMDC Deployment Policy to Council	06/30/22
• Evaluate Yoder TEES for possible decommissioning	06/30/22

5. Ensure that appointments for Coordinating Council Positions are made	04/01/22
<ul style="list-style-type: none"> • Provide notice to stakeholders of vacancies that will be pending Governor’s appointment effective July 1st • Mentoring and Orientation of New Council Members (Council & Committees) • Monitor Council COOP, including succession planning 	Ongoing Ongoing
6. State Outreach	04/01/22
<ul style="list-style-type: none"> • Review and revise overall communications plan • Ensure that every project addresses communication with stakeholders as a part of the project plan • Support quarterly newsletter development and distribution 	Ongoing Ongoing
7. National Outreach	Ongoing TBD
<ul style="list-style-type: none"> • Execute projects of 911 Grant Program application • Investigate/participate in Computer Aided Dispatch (CAD) Data Sharing project 	
8. Legislation / Administrative Regulations	Ongoing Ongoing
<ul style="list-style-type: none"> • Present testimony in support of changes to Kansas 911 Act or other state legislation impacting 911 • Monitor and comment on federal legislation affecting 911 	
9. Ongoing for other activities	12/31/20
B. Operations Committee	Due Date

ACTIVITIES: Expenditure Review Sub-Committee reviews compiled PSAP financial report information for 911 expenditures and make decisions regarding approval; Identify additional information for expenditure report content and prepare reports. Assist in providing technical and operational guidance to PSAPs and other Council Committees; Develop policy and a public education plan for Real-Time-Text-to-911 (RTT-to-911), outbound text, and other i3 enhancements on the statewide NG911 system; Support the implementation of RapidDeploy Nimbus; Develop and deliver PSAP and public education on Council projects; Review and respond to requests from the stakeholder community regarding 911 specific

applications; Support implementation of additional i3 services to the NG911 System ecosystem; Evaluate creation of voluntary training cadre and recommend action to Council; Continue migration of PSAPs onto the statewide NG911 System upon request of PSAPs; Review training, change management, risk management, governance and Incident Management plans for any necessary modifications.

1. Facilitate Communication among Council and Stakeholders

- PSAP financial expenditure reports due. 03/01/22
- Review 911 fee expenditures for approval determination 10/31/22
- Provide expenditure review reports and support Council in appeal hearings of decisions made by the ERC in regard to approval determinations Ongoing
- Support Council in appeal hearings to KS Dept. of Administrative Hearings As Needed
- Evaluate and socialize additional hardware needs of PSAPs Ongoing
- Support quarterly newsletter development and distribution Ongoing

2. Meetings for outreach and collaboration

- Spring APCO TBD
- Fall APCO/Council Joint Conference TBD
- Admin Day TBD
- MARC / Council Roadmap Meeting 03/31/22
- MARC / Council Roadmap Meeting 11/30/22

3. Training Sub-Committee

- Continue bi-weekly “PSAP Admin” telecon Ongoing
- Continue bi-monthly “PST Roundtable” telecon Ongoing
- Support quarterly newsletter development and distribution Ongoing
- Develop mandatory technology training curriculum for System, including delivery methods and development of training cadre Ongoing
- Identify TBD resources for outreach to PSAPs Ongoing
- Facilitate regional, hands-on technology training TBD

4. Policy and Public Education Sub-Committee

- Review current policy and procedures for Text-to-911 04/01/22
- Update PSA's through school program 04/01/22
- Update public education materials on website 04/01/22
- Develop refresher training on Text-to-911 07/01/22
- Develop Real Time Text (RTT) training TBD
- Develop RTT policy and training TBD
- Seek Council approval of RTT policy and training TBD
- Recommended policy changes to PSAPs as technology updates or changes Ongoing
- Continue partnerships with the KCDHH, KCSDV, and other advocacy groups Ongoing
- Support quarterly newsletter development and distribution Ongoing

5. Ongoing for other activities Ongoing

C. Broadband Interoperability Committee

1. Monitor developments related to NG911 with FirstNet Ongoing
2. Monitor developments related to NG911 with other carriers offering public safety broadband services Ongoing
3. Support quarterly newsletter development and distribution Ongoing

D. Technical Committee Due Date

ACTIVITIES: Ongoing monitoring of emerging cybersecurity threats and implementation of plans to reduce associated risks. Monitoring of progress towards improved location accuracy. Review release notes for Vesta software upgrades for potential risk. Provide technical and security review of planned i3 service additions to the NG911 system. Review technical and security implications of Public Safety Broadband integration to the NG911 system. Evaluate and monitor technical and security implications of RapidDeploy RadiusPlus and Nimbus implementations. Monitor and evaluate bandwidth needs and potential network modifications to facilitate increased bandwidth or network performance. Manage Incident Management plan updates and enhancements. Monitor implications of FirstNet interconnection on the call handling system. Monitor progress of telecommunications service provider interconnection with ESInet. Evaluate and monitor implementation of Real Time Text (RTT). Evaluate need, technical specifications, and security risks of Internet of Things (IoT) interface to the call handling network.

1. Ongoing for all activities

Ongoing

E. GIS Committee

ACTIVITIES: Provide needed GIS data work in support of NG911 System enhancements; Provide oversight of GIS data maintenance to ensure that all Kansas jurisdictions remain in compliance with required maintenance; Conduct quality assurance testing of GIS data maintenance submissions; Submit maintenance updates to EGDMS as needed; Support PSAP migration from MSAG to Geo-MSAG for any additional PSAPs implementing statewide system; Monitor and manage transition to Public Safety Platform (PSP) data management platform; Support refresh of aerial imagery; Provide continuing training for GIS Data Stewards and GIS Data Maintainers.

1. Review and approve acquired statewide aerial imagery

03/31/22

2. Ongoing for other activities

Ongoing

December 31, 2023: Legislature's Division of Post Audit will have completed an audit of the 911 system as set out in KSA 12-5377(c).

2024 Legislative Session: Legislature shall review the 911 Act (KSA 12-5377(d)).

911 Coordinating Council Calendar of Events

Date	Activity
02/28/22	Updated Strategic Plan draft provided to Council
03/01/22	PSAP financial expenditure reports due.
03/31/22	Review and revise business case
03/31/22	MARC / Council Roadmap Meeting
03/31/22	Review and approve acquired statewide aerial imagery
TBD	Council adoption of updated Strategic Plan
04/01/22	Provide notice to stakeholders of vacancies that will be pending Governor's appointment effective July 1st
04/01/22	Review and revise overall communications plan
TBD	Spring APCO
04/01/22	Review current policy and procedures for Text-to-911
04/01/22	Update PSA's through school program
04/01/22	Update public education materials on website
04/19/22	AT&T, Motorola, RapidDeploy Roadmap review
04/20/22	Strategic Planning Brainstorm
06/10/22	Conduct annual review of LCPA
06/30/22	FCC report due
06/30/22	Review and revise business case
06/30/22	Present EMDC Deployment Policy to Council
07/01/22	Profile Database update due
07/01/22	Develop refresher training on Text-to-911
09/28/22	Strategic Planning Brainstorm
09/29/22	Exec Committee Strategic Planning Workshop
09/30/22	Work Plan and Budget Planning Workshop
09/30/22	Review and revise business case

TBD	Draft 2023 Budget and Workplan to Council
TBD	Present draft Legislative report to Council
TBD	Fall APCO/Council Joint Conference
10/31/22	Review 911 fee expenditures for approval determination
TBD	Admin Day
11/30/22	MARC / Council Roadmap Meeting
12/09/22	Adopt 2023 Budget and Workplan
12/09/22	Approve final legislative report Council
12/31/22	Review and revise business case
01/15/23	Send legislative report to Legislative Committees
12/31/23	Audit by Kansas Legislative Division of Post Audit complete
01/15/24	Kansas Legislature Review of Kansas 911 Act

Appendix D – Council Budget for 2022

**Kansas 911 Coordinating Council
2022 Budget**

Summary	2020 Actual	2021 Actual (6/30/21)	2021 Budget	2022 Budget
Revenue				
Telcom Income	31,678,149	15,900,455	31,612,000	31,612,000
Prepay Fee Income	2,723,715	1,131,507	3,000,000	2,263,014
PSAP 911 Services Payments	4,016,566	2,092,023	3,941,643	4,700,000
Imagery Cost Share	0	0	115,000	0
Interest Income	41,319	3,347	70,000	15,000
Total Revenue	38,459,749	19,127,332	38,738,643	38,590,014
PSAP Expenses				
PSAP Payments	20,354,816	10,025,038	22,061,812	20,500,000
PSAP Minimum Quarterly Payments	1,595,106	822,191	1,573,618	1,650,000
Total PSAP Expenses	21,949,922	10,847,229	23,635,430	22,150,000
Council Administrative Expenses				
Salaries	273,500	71,000	145,500	149,189
Office Supplies	621	238		500
Telephone	260	726	3,540	3,000
Required Conference Expenses - Staff	0	340	5,000	5,000
Travel Expense - Staff	5,349	1,867	5,000	5,000
Vehicle Fuel	1,848	0	2,700	2,700

<i>Vehicle Insurance & Registration</i>	0	0	4,000	4,000
<i>Vehicle Repairs & Maintenance</i>	70	0	0	750
<i>Vehicle Purchase/Replacement</i>	50,716	0	0	0
Personnel Contracts	332,364	74,171	165,740	170,139
<i>Legislative Pay</i>	443	89	7,500	7,500
<i>Interpreters</i>	1,137	0	900	1,200
<i>Meeting Expenses - Council</i>	0	0	500	500
<i>Meal/Travel Expense - Council</i>	120	0	5,000	5,000
<i>Conference Call Service</i>	2,728	318	1,700	1,400
Council Meeting Expenses	4,428	407	15,600	15,600
Meeting Expense - Committee				
<i>GIS Committee</i>	0	0	1,000	1,000
<i>Operations Committee</i>	0	0	1,000	1,000
<i>Technical/Security Committee</i>	0	0	1,000	1,000
<i>Training Committee</i>	0	0	1,000	1,000
Committee Meeting Expenses	0	0	4,000	4,000
<i>Audit Fees</i>	0	5,755	10,000	10,000
<i>LPA Audit</i>	0	0	0	0
<i>State Registration Fees</i>				
<i>(Publication)</i>	0	119	0	500
<i>Bank Fees</i>	4,077	1,946	4,200	4,200
<i>PM Contract - Council Admin</i>	0	3,473	47,748	37,440
<i>Public Relations - Council</i>	0	0	3,000	3,000
<i>Membership Dues</i>	1,468	500	3,000	1,500
<i>Travel & Meals - Non-Training</i>	666	0	3,000	3,000
State Conferences and Training				
<i>Registrations</i>	880	0	750	750
<i>Travel & Meals</i>	139	0	1,500	1,500
<i>Other Conference Expenses</i>	0	0	250	250
National Conferences				
<i>Registrations</i>	1,024	0	3,850	3,850
<i>Travel & Meals</i>	4,815	0	15,000	15,000

<i>Other National Conference Expenses</i>	0	0	200	500
Other Administrative Costs	13,069	11,793	92,498	81,490
Total Council Admin Expenses	349,862	86,371	277,838	271,229
Contractual Costs				
<i>AT&T - AVPN Access</i>	1,017,642	517,729	1,100,000	1,200,000
<i>AT&T - POTS Router Circuits</i>	42,773	23,183	44,000	48,250
<i>AT&T - Call Handling</i>	1,254,932	1,181,784	1,200,000	1,990,000
<i>AT&T - AVPN Ports</i>	319,024	176,314	290,000	500,000
<i>AT&T - T1 Backup Circuits</i>	5,874	1,487	6,000	3,000
<i>AT&T - MIS</i>	16,735	475	22,000	0
<i>AT&T - Service Manager</i>	174,996	87,498	175,000	195,000
<i>AT&T - EOD-CCS</i>	8,705	0	68,600	0
<i>AT&T Mobility/FirstNet - LTE Backup</i>	43,555	26,049	32,460	55,800
<i>AT&T - TCC Services</i>	156,030	78,015	200,000	200,000
<i>AT&T - ESI Net</i>	3,261,344	1,663,933	3,500,000	3,920,000
<i>AT&T - Legacy Charges</i>	164,421	83,231	175,000	175,000
<i>AT&T - RapidDeploy</i>	760,655	391,388	1,500,000	1,500,000
<i>AT&T - NBFW</i>	52,096	29,121	60,000	60,000
<i>AT&T - Security</i>	6,500	0	0	10,000
AT&T Service Contracts	7,285,282	4,260,207	8,373,060	9,847,050
LCPA Contract	132,650	72,237	144,474	147,362
Non-Admin. Contract Staff Expenses				
<i>Salaries</i>	0	154,500	358,000	321,315
<i>Required Conference Expenses - Staff</i>	0	0	20,000	20,000
<i>Travel Expense - Staff</i>	0	711	35,000	35,000
<i>Vehicle Fuel</i>	0	993	9,300	9,300

<i>Vehicle Insurance & Registration</i>	0	0	24,000	12,000
<i>Vehicle Repairs & Maintenance</i>	0	39	2,500	2,250
<i>Vehicle Purchase/Replacement</i>	0	0	0	0
Non-Admin. Contract Staff Expenses		156,244	448,800	399,865
<i>Legal Representation</i>	26,218	4,511	45,000	45,000
<i>ITSS Contract</i>	217,394	103,640	239,200	204,000
<i>PM Contract</i>	214,314	88,293	190,992	149,760
<i>Imagery Contract</i>	0	774,900	1,300,000	0
<i>DASC Contract</i>	540,000	0	250,000	250,000
<i>Website Devo and Maintenance</i>		61	0	7,500
<i>Cloud Services for Geocoding</i>			0	8,500
<i>Dickinson County Contract</i>	29,370	29,370	49,200	58,741
<i>Public Relations</i>	1,828	0	12,000	12,000
<i>Training - Admin Day / Fall Conference</i>	1,526	4,000	16,500	25,000
<i>Onsite Training - EMTDC</i>	0	0	6,400	6,400
<i>EMTDC Deployment Costs</i>	0	0	8,000	8,000
<i>Technical Supplies and Equipment</i>	2,221	946	40,000	40,000
<i>Learning Management System</i>	(125)	0	17,200	17,200
<i>Esri ELA Contract (KS OITS)</i>	20,160	32,648	32,680	32,680
Other Contract Costs	1,185,556	1,038,369	2,207,172	864,781
Total Contractual Costs	8,470,838	5,527,057	11,622,306	11,269,058
Total Expenses	30,770,622	16,460,656	35,535,574	33,690,287
Operating Expense Percentage	0.91%	0.45%	0.72%	0.70%

Appendix E – Kansas NG911 Timeline

- 2011 - Council Created with passage of the Act
- 2012 - The Act becomes effective. Governance, Security, ICM and Strategic Plans created
- 2013 - GIS Enhancement Project Launched. RFP for hosted system process begins
- 2014 - GIS Enhancement complete; all PSAPS in maintenance mode
Award of hosted system contract
- 2015 - Hosted data centers constructed
First 11 PSAPs go live on system
- 2016 - 35 additional PSAPs go live. Total is 46.
- 2017 - 29 additional PSAPs go live. Total is 75.
SMS Text-to-911 goes live; first success story comes within one week of implementation.
- 2018 - 13 additional PSAPs go live. Total is 88.
Migration of system to Nationwide ESInet – (first in the nation).
- 2019 - five (5) additional PSAPs go live. Total is 93.
All PSAPs on the system migrated to ESInet in RFAI configuration.
HB2084 modifies 911 Act: Governor signed 4/16/19; enrolled as law 7/1/19.
- 2020 - five (5) additional PSAPs go live. Total is 98.
- 2021 - six (6) additional PSAPs go live. Total is 104
AVPN bandwidth expansion enhances mapping efficiency. Migration from AVPN to ASE planned for 2022. We are working with various telcos to directly connect to ESInet as the first step in enabling geospatial call routing to allow the caller handset location to be delivered to the PSAP.

Appendix F – Federal 911 Grant

A federal grant program created by the Middle Class Tax Relief and Job Creation Act of 2012 and administered by the National Telecommunications and Information Administration (NTIA) and the National Highway Traffic Safety Administration (NHTSA), through the National 911 Program became available in 2019. The grant is a 60% federally funded matching grant. The Council applied for and secured a Federal 911 Grant (“Grant”) on August 16, 2018. The Council was awarded a grant of \$2,759,782 of which \$1,800,000 is being used to fund subgrants to Kansas 911 Communications Centers for implementation of NG911. The federal grant is timely for the Council to implement a portion of upcoming NG911 costs.

Project-1 provides **PSAP reimbursement subgrants**. The Council formed the Federal Subgrant Committee to oversee PSAP applications based on grant rules. Applications to the Council for subgrants must satisfy both the allowable requirements under Kansas law and the Federal grant. For subgrants, there is a minimum of \$6,000 for any project and no more than \$300,000. Thus, the PSAP must establish a minimum project of \$10,000 whereby the PSAP spend is \$4,000 and the remaining \$6,000 comes from the Federal grant. Setting the maximum assures that individual projects do not deplete the PSAP allocation. Setting the minimum grant application controls the amount of paperwork associated with processing the grants by the Grant Team. PSAP period of performance expires on November 2021 in order to ensure the LCPA has enough time (4 months) to finalize all grants with the federal government– there is no extension!

Project-2 partially funds our **RapidDeploy Radius Plus** replacement mapping application of our hosted platform. The Grant funding ends March 31, 2022. Details of the grant are provided below.

The table below provides an overview of Grant allocation. Construction is not an allowable expense under Grant rules since the intent of the Grant is to foster and motivate states to implement NG911. All expenditures must meet both Federal and Kansas 911 Act allowability rules. Some typical allowable NG911 expenses are:

- Hardware or software to provide NG911 services
- Hosted NG911 services
- Contractual costs of carrying out programmatic activities, including consultant fees
- Training of NG911 for public safety personnel
- Administration/Planning (10% maximum)

Total Projects	\$3,900,015.03
Total Match	\$2,030,725.73
Total Required Match	\$1,199,999.39
Total Grants	\$1,800,000.00
Unencumbered Grant Funds	\$0.00
Percent Grants	60.00%
Percent Required Match	40.00%

The Grant Committee developed, and the Council approved, the method, process, and procedures for administration of the Grant and subgrants. One of the stipulations of the Grant Process is that PSAP applications would be considered based on eligibility and a first-come-first-serve basis since the grant timeline is fixed without exception. The table below summarizes subgrant allocations.

Grant Recipient	Description	Order	Project Total	Actual Match	Grant
Woodson	Voice Recorder	1	\$21,349.70	\$8,539.88	\$12,809.82
Nemaha	Voice Recorder	2	\$37,774.00	\$15,109.60	\$22,664.40
Chanute	PSAP Radio Equip	3	\$66,289.30	\$0.00	\$0.00
Haskell	Voice Recorder	4	\$17,857.00	\$7,142.80	\$10,714.20
Butler	Voice Recorder	5	\$35,121.00	\$14,048.40	\$21,072.60
Allen	EMD	6	\$35,198.00	\$14,079.20	\$21,118.80
Douglas	Voice Recorder	7	\$33,362.00	\$13,344.80	\$20,017.20
Liberal/Seward	Radio Infrastructure	8	\$603,530.00	\$303,530.00	\$300,000.00
Dickinson	Radio Infrastructure	9	\$150,619.50	\$60,247.80	\$90,371.70
Sherman	PSAP Radio Equip	10	\$26,743.50	\$10,697.40	\$16,046.10
Hodgeman	PSAP Radio Equip	11	\$37,915.79	\$15,166.32	\$22,749.47
Clay	EMD	12	\$23,469.46	\$9,387.78	\$14,081.68
Mitchell	Voice Recorder	13	\$18,666.00	\$7,466.40	\$11,199.60
MARC	Broadband Inf	14	\$1,169,734.00	\$869,734.00	\$300,000.00

Stafford	Voice Recorder	15	\$31,910.00	\$12,764.00	\$19,146.00
Lyon	EMD	16	\$138,052.00	\$55,220.80	\$82,831.20
Miami	Radio Infrastructure	17	\$473,788.00	\$189,515.20	\$284,272.80
Sherman	Voice Recorder	18	\$35,217.00	\$14,086.80	\$21,130.20
Hutch/Reno	Voice Recorder	19	\$98,825.00	\$39,530.00	\$59,295.00
Comanche	Voice Recorder	20	\$12,865.00	\$5,146.00	\$7,719.00
Atchison	Voice Recorder	21	\$20,898.00	\$8,359.20	\$12,538.80
Crawford	Voice Recorder	22	\$15,798.00	\$6,319.20	\$9,478.80
Riley	Voice Recorder	23	\$120,264.00	\$48,105.60	\$72,158.40
Colby/Thomas	Voice Recorder	24	\$20,906.00	\$8,362.40	\$12,543.60
Republic	PSAP Radio Equip	25	\$18,480.56	\$7,392.22	\$11,088.34
Saline	CAD	26	\$176,515.00	\$69,406.00	\$104,109.00
Colby/Thomas	PSAP Radio Equip	27	\$167,642.56	\$67,057.02	\$100,585.54
Greenwood	Voice Recorder	28	\$44,992.00	\$17,996.80	\$26,995.20
Ellis	Radio Infrastructure	29	\$18,938.00	\$7,575.20	\$11,362.80
Mitchell	PSAP Radio Equip	30	\$115,104.47	\$46,041.79	\$69,062.68
Greeley	PSAP Radio Equip	31	\$112,190.19	\$79,353.12	\$32,837.07

To maximize the effectiveness and efficiency of the Grant dollars, the Grant Committee established that subgrant projects must be valued at least \$10,000.00 and no more than \$500,000.00 in order to ensure equitability among our PSAPs. Off course, PSAPs are at liberty to develop higher valued projects, but any residual is their responsibility.

**Kansas 911 Coordinating Council
Expenditure List**

Computer Aided Dispatch and Add-ons
911 email Interface plus filtering and security
ANI/ALI Spill/Interface
Annual CAD Software Maintenance
ArcGIS
AVL Interface
CAD Firewall Replacement
CAD Server Operating System Maintenance
CAD Server Updates
CJIS Interface
EMD/EFD/EPD Interface and Support (Pro-QA)
Emergency Responder (not public notification) Notification Interface (Twilio, Active 911, X911, Pulse Point, Penguin, etc)
ESRI server license
Exchange Server (email) hardware/software
GIS Software (ESRI, etc)
GPS Software for locating address points
Install Synology NAS and Veeam backup solution for CAD
Interface for Geo-Comm mapping with CAD
Lenovo (CAD) maintenance renewal
Lotus Notes (HCL) maintenance (used for employees whose primary function is dispatch)
Map Interface/Support
Mobile CAD Software Licensing and Maintenance (cost share recommended for non-dispatch function)
Monthly CAD Back-up Service
Port blockers for CAD computer security (switch ports and software)
Quality Assurance Software
SSL certificate
Synology Disk Station Drives & Veeam Backup for CAD
User and CAD License Fee (used for employees whose primary function is dispatch)
Voice Logger Interface and Firewall
Computer Hardware for PSAP Use
Battery Backup
Cable Modem
Computer Cooling Fans
Conduit for 911 call handling cables/wiring cable management
Connectivity for MDT (air card)
Docking Station for CAD
DSL Modem
DVI Cables
Ethernet or other cabling from console hardware to console operator positions
Fiber Optics
Firewall - CAD or voice logging firewalls
Hard Drive
Keyboard
KVM Switch
LAN Switch

**Kansas 911 Coordinating Council
Expenditure List**

Laptop
LTE Modem
MDT to receive CAD Data
Monitors
Mouse
Network Cables
Network Switch
PC
Port Switch
Printer/Scanner/Fax Machine/Multi-Purpose Machine
Router
Server
SonicWALL
Speakers
Surge Protector
T1 Router/Modem
Token
Track Ball
UPS
USB Cables
Video Cards
Computer Software for PSAP use
Admin Software for 911 stats and reports
Anti-Virus Software
CritiCall (Test Genius)- if used for training and QA
EMD/EFD/EPQ and QA
Microsoft Office
Smart 911/Rave
Dispatch Console Station Equipment
Console
Console and Console Position Seating Replacement Parts
Console Position Seating
Warranty/Maintenance Service Agreement on Console/Chair
Generator
Fuel for generator/utilities for generator/tower site for first responder radio infrastructure
Generator for 911 Center
Generator for tower/first responder radio infrastructure
Generator Repair/Service annual maintenance
Keys to allow access to radio tower sites or maintenance buildings for maintaining the 911 system
Headset for Public Safety Telecommunicator
Headset
Headset Jack Box
Headset Parts (Batteries, Tubes, Ear Pieces)
Headset Remote (rat)
Radio Equipment
Alert tones/Emergency tones for fire and/or EMS turn on lights at FD open/close doors etc

**Kansas 911 Coordinating Council
Expenditure List**

Amplifier
Annual Engineering Services for the radio system
Antenna
Audio Control Units
Coax
Combiner Systems
Computer Programming Software
Connectivity to radio system (master site)
Dispatch Control Station Radios/Consolettes (Radio Base Stations) (portables are not allowable for dispatch or subscribers)
Fiber Optics
IP Gateway
Microwave Equipment
Racks (backroom)
Radio console hardware
Radio Programming Service - dispatch consoles only not for subscriber radios
Repeater
Scramble/Encryption Capability
Sensaphone autodialer for dispatch radio tower monitoring
Simulcast
Software for Console/paging
Tower light replacement/repair
Trunking System
Wireless links for radio infrastructure
Recording of 911 radio/phone traffic
Off Site Storage/cloud storage fees/back up
Playback Software at Console (IRR)
Recorder/logger firewall
Service Agreement and Maintenance
Voice Recorder
Services/Contracts
Automatic Vehicle Location (AVL) software and hardware (connectivity)
Console Cleaning
Consultant fees for PSAP infrastructure upgrade proposals
Electrical work for equipment (outlet, receptacle) (not associated with construction)
FCC Licensing
Fiber ring build out for the radio tower connectivity for the dispatch radio infrastructure
GIS Data Management Services (MSAG) GIS service contracts
Imagery - mapping purposes
Insurance on PSAP Equipment
Internet for MDT Connection
Internet for PSAP
IT Support
Labor to move/relocate phones and radio (PSAP equipment)
Language Line (Interpreter Service for processing of 911 call)
Loan for Infrastructure payment

**Kansas 911 Coordinating Council
Expenditure List**

Medical Consultant for EMD
Monitoring and maintenance of servers in data room
Radio frequency study for use with radio infrastructure for the dispatching of 911 calls
Repairs to, or acquisition of, halon fire extinguishers used to protect the electronic equipment in a server
Rodent exterminator - for maintaining/protection of equipment
Tower Lease
Telephone Hardware
ANI/ALI controllers
Backup phone set
CAMA interface
Cell Phone for backup
handset Cords
Netclock
Signal (Cell Phone) Booster
TDD (and backup plan as part of COOP)
Telephone Service (Contract)
911 Lines/911 Circuit/911 Trunk Line/CAMA Trunk Line/End Office Trunk
911 Call Back Line
911 Call Handling Solution
Admin Lines for PSAP
Connectivity to radio system (master site)
Database Charges (Wireline and Wireless Phase 1 and Phase 2)
Long Distance for PSAP
Training for Public Safety Telecommunicators
Certification/Re-Certification Fees
Conference Registration
Flight for travel to training
Fuel for travel to training
Meals for training
Membership Fees (APCO/NENA)
Motel for training
Training Materials and Tools (CPR Cards, DVD, manuals, books)
Training Registration
Training Software (and maintenance fees)
Utilities for Dispatch Equipment
Climate Control for equipment
Dust Control System for equipment room
Electricity/Propane/Natural Gas for radio infrastructure at tower site
Heating and air maintenance contract/repairs/service for tower sites for radio infrastructure or dispatch
HVAC for backroom equipment
HVAC for radio tower

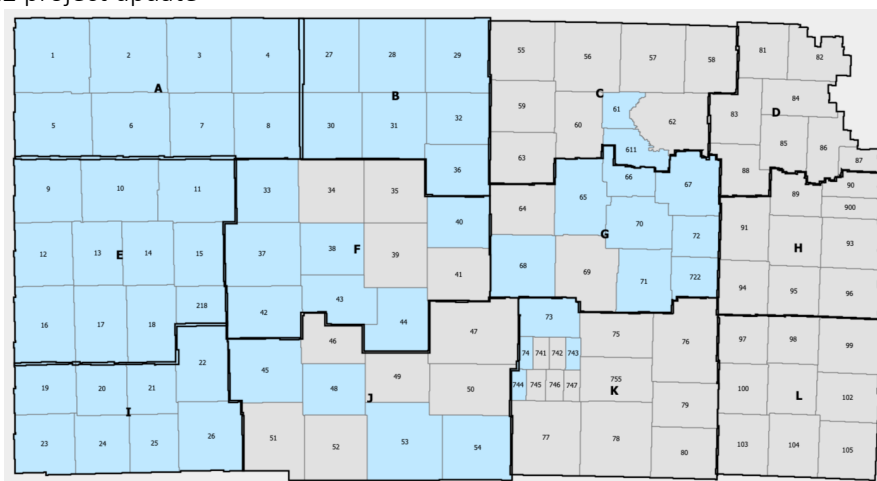
Kansas 911 Coordinating Council
GIS Committee Update
December 10, 2021

CY2021 NG911 GIS Data Submission Summary by Quarter

Submission Type	Q1	Q2	Q3	Q4
	(Jan 1 – Mar 31)	(Apr 1 – June 30)	(July 1 – Sept 30)	(Oct 1 – Dec 31)
	<i>Number of Jurisdictions</i>			
Updates that passed QA	93	105	99	In-progress
Updates that have NOT passed QA	0	0	0	In-progress
No Changes	14	2	8	In-progress
No Reply	0	0	0	In-progress

Orthoimagery Update:

- 2021-22 project update



QA Status Map (blue = complete)

Call Handling Mapping Solution:

- RapidDeploy Radius Plus - KS and RD GIS meet bi-weekly to discuss application enhancements and GIS data

NG911 Program Portal:

- Enhanced email module
- Maintenance & hosting of the program portal

Outreach activities:

- Quarterly NG911 GIS User Group
 - Webinars and presentation materials available at <https://www.kansas911.org>
- Training
 - GIS Data Steward – available to PSAP’s through the Kansas NG911 Learning Center
 - GIS Data Maintainer – provided at the Kansas Mappers conference, will also be available on the Kansas NG911 Learning Center

GIS/MSAG Database Conversion:

- Working with AT&T on conversion to new database platform



NG911 Program Management Status

Prepared by Randall White, Program Manager
 Prepared for NG911 Coordinating Council
 Date from August 24, 2021, to December 2, 2021
 Summary **Program on schedule, in budget**

Status and Accomplishments	Next Steps
Program JEOPARDY : none	Jeopardy : none
Program Escalation : none	Escalation : none
Local Collection Point Administrator (LCPA) On schedule, On budget (<i>see LCPA report for \$ details</i>) <ul style="list-style-type: none"> LCPA Manual updates 911 Federal Grant Report 	Kathy Becker , Mainstream Nonprofit Solutions Contract PoP: Jan 1, 2019 thru Dec 31, 2022 <ul style="list-style-type: none"> End-of-year audit for 2020 911 Federal Grant financial audit
DASC Support On schedule, under budget (<i>see LCPA report for \$ details</i>) <ul style="list-style-type: none"> Kansas Base Map optimization Portal module upgrades and additions 	Ken Nelson , GIO (Ken/Eileen have details) Purchase Order expires Dec 31, 2023 <ul style="list-style-type: none"> RadiusPlus v4 evaluation SURDEX new orthoimagery QA assessment
Dickinson County Support On schedule, On budget (<i>see LCPA report for \$ details</i>) <ul style="list-style-type: none"> GIS User Group Training (Stewards / Maintainers) Federal 911 Grant annual report w/ equip inventory 	Sherry Massey , GIS Director and Specialist (Sherry has details) Contract PoP: Jan 1, 2020 thru Dec 31, 2022 <ul style="list-style-type: none"> AT&T PSP Transition collaboration on-going Federal 911 Grant final reports
Program Management On schedule, On budget (<i>see LCPA report for \$ details</i>) <ul style="list-style-type: none"> NG911 Infrastructure Project Plan updates RapidDeploy Project Plan updates 	Randall White Consulting LLC Contract PoP: Jan1, 2019 thru Dec 31, 2021 (1, 1-yr renewal) <ul style="list-style-type: none"> Recast NG911 AVPN migration to ASE RapidDeploy implementation of Nimbus (postponed)
Infrastructure – Hosted Call Handling On Schedule, On budget (<i>see LCPA report for \$ details</i>) <ul style="list-style-type: none"> Resolution Center IcM Plan v18 enhancements PSAP bandwidth expansion of AVPN Event Task Force (ETF) final report 	AT&T : Motorola-Airbus DS; WEST-ECaTS (Scott has details) Contract PoP: Feb 5, 2015 to Sep 14, 2021 option for 2 x 2-yr <ul style="list-style-type: none"> VESTA® R7.7 HF1 software upgrade on both Hosts RapidDeploy: RadiusPlus v4 12/2021; Nimbus 12/2022 Incident Mgt Plan updates
Implementation Technical Support Specialist On schedule, On budget (<i>see LCPA report for \$ details</i>) <ul style="list-style-type: none"> Technical Assistance Grant (Final Report) 	Phillip Ryan , Pryan LLC (Phill has details) Contract PoP: Jan1, 2019 thru Dec 31, 2022 <ul style="list-style-type: none"> ASE implementation, pilot trial, migration NG911 annual security review and assurance
Kansas 911 Knowledge Center On schedule, On budget (<i>see LCPA report for \$ details</i>) <ul style="list-style-type: none"> NEOGOV LEARN LMS: let contract expire Dec 31, 2021 	TALENT LMS (Michele Abbott has details) Joint agreement MARC-Council (on going) <ul style="list-style-type: none"> Transition from LEARN to TALENT platform
Orthoimagery <ul style="list-style-type: none"> Acquired new imagery for 2021 ahead of schedule 	Surdex Corp , PoP Aug 25, 2020 thru Sep 30, 2024 <ul style="list-style-type: none"> Orthoimagery QA Assessment
NG911 Broadband Interoperability <ul style="list-style-type: none"> Participating in SIAC Working Groups 	Michele Abbott , State Interop Advisory Committee (SIAC) <ul style="list-style-type: none"> State Interoperability Exec. Committee (SIEC)

NOTE: Projects that are complete and contracts that are closed are no longer shown in this PM Status Report.