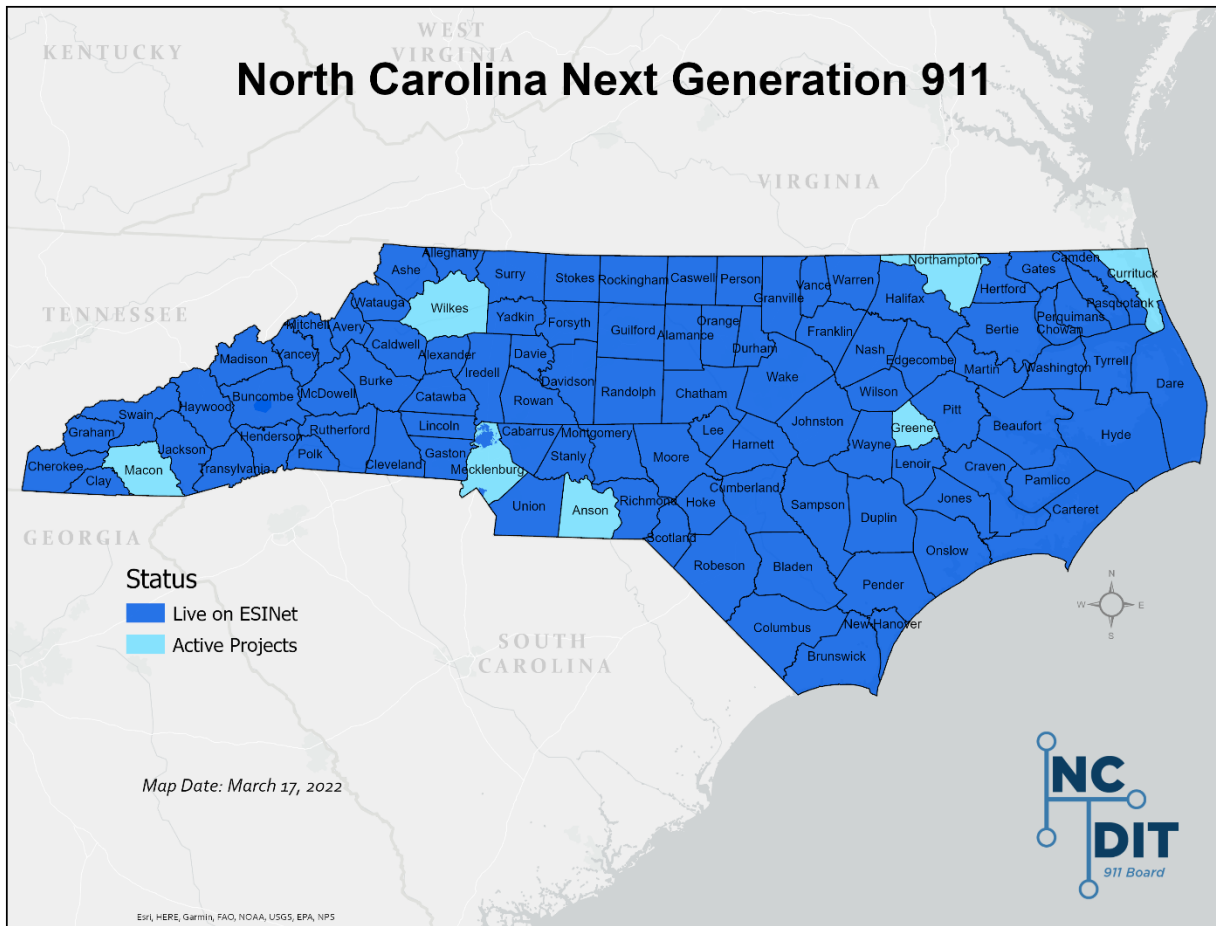




NORTH CAROLINA 911 BOARD MEETING
Friday, March 25, 2022
Via Simultaneous Communication
[Join Microsoft Teams Meeting](#)
984-204-1487 Conference ID: 184 132 258#
10:00 AM – Noon



Call to Order
Jim Weaver

Roll Call
Stephanie Conner

**Stephanie Conner will conduct roll call votes for all action items and Sarah Templeton will serve as technical facilitator.*

Tab 1
Chair's Opening Remarks
Jim Weaver

Tab 2

Ethics Awareness/Conflict of Interest Statement

Jim Weaver

In accordance with G.S. 138A-15, It is the duty of every Board member to avoid both conflicts of interest and potential conflicts of interest. Does any Board member have any known conflict of interest or potential conflict of interest with respect to any matters coming before the Board today? If so, please identify the actual or potential conflict and refrain from any undue participation in the particular matter involved.

Tab 3

Public Comment

Jim Weaver

The NC 911 Board welcomes comments from state and local government officials, first responders, finance directors, 911 directors, citizens and interested parties about any 911 issue(s) or concern(s). Your opinions are valued in terms of providing input to the NC 911 Board members. When addressing the Board, please state your name and organization for the record and speak clearly into the microphone.

Tab 4

Consent Agenda

Pokey Harris

(Roll Call Vote Required)

Tab 4 a)

Minutes of Meeting

January 28, 2022

North Carolina 911 Board Meeting
MINUTES
Friday, January 28, 2022
10:00 AM – 12:00 PM
Via Simultaneous Communication
Microsoft Teams Meeting



NORTH CAROLINA 911 BOARD MEETING
ROLL CALL
Friday, January 28, 2022
10:00 AM – 12:00 PM
Via Simultaneous Communication with Microsoft Teams Meeting



NC 911 BOARD MEMBERS	IN PERSON	VIA MS TEAMS OR PHONE	NOT PRESENT
David Bone, County Manager, Davie County (NCACC)		X	
Tommy Cole, Fire Chief, City of Graham (NC SFA)		X	
Greg Coltrain, VP Business Development, Wilkes Communication/River Street (LEC)		X	
Brian Drew, Manager of Customer Design and Implementation, CenturyLink/Lumen (LEC)			Excused
Bo Ferguson, Deputy City Manager, City of Durham (NCLM)		X	
Greg Foster, Director of Communications, Alexander County (NC Association of Rescue EMS)		X	
Chuck Greene, Director of Government Affairs, AT&T (LEC)		X	
J.D. Hartman, Sheriff, Davie County (NC Sheriff's Association)		X	
Jeff Ledford, Chief, City of Shelby Police Department (NCACP)			X
Lee Kerlin, RF Engineer, TMobile Sprint (CMRS)		X	
John Moore, Regional Manager, Government and Education Sales, Spectrum Communications (VoIP)		X	
Melanie Neal, Director, Guilford-Metro 911 (APCO)		X	
Jude O'Sullivan, Chief Customer Officer, Carolina West (CMRS)		X	
Jeff Shipp, Vice President of Operations (Ret.), Star Telephone (LEC)		X	
Earl Struble, Sr. Manager Verizon Response, Verizon Wireless (CMRS)			Excused
Secretary Jim Weaver, 911 Board Chair (NC DIT)		X	
Donna Wright, Director (Ret.), Richmond CO Emergency Services (NENA)		X	
NC 911 BOARD STAFF			
Rick Blumer, NMAC Technician			X
Stephanie Conner, Western Regional Coordinator		X	
Iesha Duffy, NMAC Technician			X
Kristen Falco, Financial Review Specialist		X	
Bernard Gardner, NMAC Technician			X
Tina Gardner, North Central Regional Coordinator		X	
Pokey Harris, Executive Director		X	
Jesus Lopez, (NC DIT) NC 911 Board PM		X	
David Newberry, South Central Regional Coordinator		X	
Amanda Reeder, Special Deputy Attorney		X	
Tom Rogers, Network Engineer/NG 911 Project Manager		X	
Marsha Tapler, Financial Analyst		X	
Sarah Templeton, Financial Review Specialist		X	
Angie Turbeville, Eastern Regional Coordinator		X	
Evan Warner, NMAC Technician			X
Troy Whitfield, NMAC Technician			X

Governor's pledge to increase broadband access within the State. If anyone has concerns, he encouraged them to reach out to him or Ms. Harris so they could follow up and address those concerns.

2. **Ethics Awareness/Conflict of Interest Statement** – Pursuant to G.S. 138A-15(e), Chairman Weaver read the Ethics Awareness/Conflict of Interest statement as published in the agenda.
3. **Public Comment** – Chairman Weaver read the invitation for public comment as published in the agenda. No public comment was indicated.
4. **Consent Agenda** – Chairman Weaver asked Ms. Harris to proceed with the consent agenda.
 - a) Minutes of Previous Meeting - December 3, 2021
 - b) NG 911 Reserve Fund

November 2021 Account Balance	\$ 81,822,239
November 2021 Disbursement	\$ 65,310
December 2021 Account Balance	\$ 81,252,194
December 2021 Disbursement	\$ 2,230,550
 - c) CMRS Account

November 2021 Account Balance	\$ 2,965,560
November 2021 Disbursement	\$ 155,869
December 2021 Account Balance	\$ 2,862,595
December 2021 Disbursement	\$ 199,501
 - d) PSAP Account

November 2021 Account Balance	\$ 6,159,502
November 2021 Disbursement	\$ 3,545,823
November 2021 Account Balance	\$ 7,507,917
November 2021 Disbursement	\$ 3,545,823
 - e) PSAP Grant/Statewide Projects Account

November 2021 Account Balance	\$ 48,872,125
Grant Funds Committed	\$ 29,725,832
November 2021 Account Balance	\$ 49,302,688
Grant Funds Committed	\$ 29,400,043
 - f) Grant Project Updates per Reports

Ms. Conner conducted the roll call vote to accept the consent agenda as presented. All members present voted, and the motion carried unanimously. *The roster of roll call votes for all action items for this meeting is included below as part of these minutes.*

5. Executive Director Report

- a) 911 Board Member Round-Robin Introductions – Each Board member provided a brief introduction, with Ms. Neal sharing information about her candidacy for NENA 2nd Vice President during this time. The Board wished Ms. Neal all the best in this endeavor, knowing she will be a wonderful advocate for 911 across the Country.
- b) Staffing Updates – Ms. Harris advised a verbal offer has been made to a candidate for the NMAC Manager position and she hopes to make an official announcement next week. Efforts are underway for recruitment for the Tier 2 Technician position. The Administrative and Logistics Coordinator position interviews are scheduled for next week.
- c) COVID-19 Update – Case numbers continue to rise, and the Regional Coordinators continue their outreach to the PSAPs regularly as well as contact with ESF2, relaying that information to be aware of needs for COOP activation if they arise. Ms. Harris noted she was sad to report the COVID-related death of a telecommunicator in Randolph County and sent her condolences to their family and the PSAP family. She mentioned the NMAC had also been affected by COVID and Board staff successfully activated its COOP during the situation to ensure adequate staffing for the NMAC.
- d) Winter Weather ESF2 PSAP Coordination Activations – In G.S. §143B-1402(a)(1), the NC911 Board is tasked with coordination with State emergency operations, and it serves as the technical lead for all the PSAP service disruptions. Ms. Harris spoke about the activations and the role staff plays during such.
- e) 2021 State 911 Plan as Approved – The 2021 State 911 Plan was presented at the December meeting. However, some typographical and language corrections were made and the updated, final version is in the Board packet and on the website for download.

- f) 2022 Master Calendar Revision – The 2022 Master Calendar also needed revisions, The May 27 Board meeting was changed to May 20, 2022, and the July 29 Board meeting was changed to July 22, 2022. These revisions were not included in the published version of the calendar that was presented for approval in January. Ms. Harris further noted four meetings are slated to be held virtually with four others slated to be held in person. Should the need arise, meetings will be held on the dates slated as no meetings. Ms. Conner conducted the roll call vote to accept the calendar revisions. All members present voted, and the motion carried unanimously. *The roster of roll call votes for all action items for this meeting is included below as part of these minutes.*
- g) 2022 NC 911 Board Goals (Minor Typographical Revisions) – Some minor revisions were made to the 2022 Board Goals. The updated version was presented in the Board packet.
- h) NextGen 911 Migration Status – Ms. Harris congratulated the following on the recent migrations to the ESInet:
 - Jones-Lenoir 911 (12/15/2021) – Migrated as i3. Viper hosted call handling equipment. First live call at 1202 Hours EST. PSAP #117 physical location, #180 (including backups)
 - Person County 911 (12/15/2021) – Migrated as i3. Vesta hosted call handling equipment. First live call at 1249 Hours EST. PSAP #118 physical location, #181 (including backups)
- i) NextGen 911 GIS Status Map – At the time of the meeting there were 93 jurisdictions i3 ready with seven jurisdictions still working to get GIS data i3 compliant.
 - i. GIS Data Sharing – Division of Broadband and Digital Equity – As previously mentioned by the Chairman, Ms. Harris plans to forward Board members the letter that was sent to the PSAP community, GIS community, and county and city managers that details the data sharing effort.
- j) Legal Brief – Ms. Reeder gave a brief update, saying she has been tracking the legislature and working on the SIP admin pilot project. She has also worked on requests for proposals for the CRM. She is fielding questions regularly from staff regarding matters of eligibility and funding.

6. Executive Committee Report – Ms. Wright reminded the Board of the upcoming transition of leadership of the committee to the Vice Chair of the Board. This is one of the bylaw changes approved at the January 2022 meeting. She also mentioned that in the future the Committee and Ms. Reeder will be working together on any legislative issues that pertain to the Board.

7. Education Committee Report – Mr. Greene reported the committee did not have a January meeting. Data has been received from the PSAPs about the PSA pilot program. Ms. Harris, Ms. Turbeville, and Mr. Greene have plans to meet with Spectrum the first week of February to analyze the data and formulate a plan to distribute the program Statewide. A report will be given to the committee at their February meeting.

8. Funding Committee Report – Mr. Bone commented the Committee discussed a seat count determination request from a PSAP at the January meeting. The item was tabled until the February meeting to allow for more research and review.

9. Finance Team Report – Ms. Tapler reported she had been working on items related to the Board's financial operations, service charge forecast, and the upcoming budget for FY2023. She completed the Eastern region cost shifts and is currently working on the other 3 regions. Ms. Falco worked on revenue expenditure reports, eligibility requests, and assisted Ms. Harris with reviewing the ALC coordinator applications and setting up the interviews. Ms. Templeton stated the finance team had been reviewing reports and eligibility requests and prioritizing reports of PSAPs that attended the Priority One Collaboration Grant workshop, and those that intend to apply for grants. She reminded everyone that reports must be finalized by February 1, 2022. She also assisted with various administrative tasks related to the NMAC Manager interview process. She then gave an update on the PSAP Report Status for FY2019, FY2020, and FY2021 revenue expenditure reports as of January 14, 2022. For FY2019, 123 reports are completed with four awaiting signed revised reports. For FY2020, 85 are finalized, 28 are in the clarification process, and 14 are awaiting the signed revised report. For FY2021, 21 are finalized, 73 are in the clarification process, nine awaiting signed revised reports, and 25 reports awaiting review. She mentioned the number of FY2021 reports waiting to be reviewed has been greatly reduced since January 14.

- 10. Grant Committee Report** – Mr. Shipp mentioned the upcoming FY 2023 PSAP grant program workshop, which will be held virtually on March 24, 2022. He also spoke about the Priority One Grant, and Ms. Harris reminded everyone the submission deadline is February 15, 2022. Ms. Harris added PSAPs should have grant reports in by the 5th day of each month to give staff time to review them and to include them in the Board packet She reminded the PSAPs it is a requirement of the grant to submit a monthly report.
- 11. Standards Committee Report** – Ms. Wright reported the Committee had gone through membership changes due to the bylaws and mentioned there are non-voting positions available and encouraged PSAPs to reach out to Ms. Harris to express interest in serving on the committee.
- 12. Technology Committee Report** – Mr. Shipp reported the Committee did not meet in January but has a date set for the February meeting. Mr. Rogers gave an update on the migrations over the past four years: in 2018 there were two cutovers. In 2019 there were 30. 2020 had 32. And in 2021 there were 54 cutovers. The recent migrations of Jones-Lenoir and Person County leave only nine PSAPs - to migrate, and the plan is to complete all remaining PSAPs during 2022. Greene County is scheduled for late March, with Charlotte Fire, PD, and Medic all scheduled for April. Macon and Northampton may also occur in April, wrapping up with Anson and Currituck in May. Wilkes has no date set due to shipping delays with CPE purchased from a third-party vendor. Current migration demographics show 53 hosted Vesta, 47 hosted Viper, and 18 ESInet only. Mr. Rogers then gave an update on GIS status reporting only seven jurisdictions remain before the State reaches 100% i3 readiness. CGIA and GeoComm continue to work with PSAPs to achieve completion. There are 93 i3 PSAPS and 25 remaining RFAI sites with Gaston, Rutherford, and Durham moving from RFAI to i3 soon. The total population served by NG911 is 9,361,985 covering 88% of the population. Charlotte will account for 9.72% of the total population once they migrate in April 2022. Once that occurs NG911 will cover 96.7% of the State's. Total landmass covered by NG911 is 45,761.52 square miles, which is 93% of the State. For data analytics and the RapidDeploy Eclipse product, the data repository has been completed and notifications were sent out to PSAPs about the transition. Virtual roadshows are planned for February 23, 24, and 25 by region. On the Phase 2 OSP migrations, Lumberton has done well with direct OSP to ESInet for AT&T and five or six other sites are being selected for migration in the near future. The Committee will host a guest speaker from AWS at their next meeting in February. It will be a situational awareness and educational demonstration of the current cloud capabilities regarding data sharing between PSAPs. It is not vendor specific, but an opportunity for data sharing education related to CAD-to-CAD. Mr. Rogers spoke about initiating the COOP for the NMAC during the winter weather events and some service interruptions that occurred at PSAP. He thanked the NMAC staff who worked tirelessly through modified hours and the Financial Review Specialists and Regional Coordinators who all volunteered to assist. Efforts continue getting the NMAC Tier 2 technician position posted, and a candidate has been selected for the NMAC Manager position. and are excited to announce that person soon. Mr. Rogers welcomed Evan Warner, who recently joined the NMAC as a Tier 1 technician in a contract position. There were 161 tickets submitted to the NMAC in December, totaling 2,065 cases for 2021. There have been 166 tickets submitted this month, showing that PSAPs are utilizing the NMAC as intended. Three significant issues were reported since the last Board meeting, including a circuit issue in Stokes County, reported on Christmas day that was identified and mitigated after a few days. There was a Viper 1 Host CDR spill issue on the B host due to a database issue and a Viper 2 Host issue with the multicast forwarder service. Robert Sergi and Beth Meek from Intrado then spoke about these Viper events, as they affected multiple PSAPs. Pat Thetford of AT&T also spoke about the service interruptions.
- 13. 911 Regional Coordinator Reports** – The Regional Coordinators gave brief reports. MS. Turbeville traveled to seven PSAPs to discuss expenditure reports, eligible funding, backup planning, and the Priority One grant. At 6:00 AM on December 17 the Gates County Emergency Services Manager alerted her of a significant reduction in available staff to maintain and operate their 911 center, which caused them to activate their COOP. The plan included alternate call routes with the Chowan and Perquimans 911 centers. The NMAC was notified to alt route 911 calls to Chowan, which gave time for Gates and Perquimans to plan for a full operational move to the Perquimans County 911 center. It was decided this would be a temporary long-term solution. The needed vendors were brought in for radio and CAD. Motorola moved existing equipment from Gates' backup center to Perquimans' primary center, and a temporary CAD solution was created by IT support. Perquimans already had Gates County GIS in their CAD system and worked with GeoComm to obtain the most up to date GIS information. Gates began full operations at Perquimans 911 center the evening of the same day and

Gates County telecommunicators began working alongside Perquimans telecommunicators inside the center. The temporary CAD solution was determined to not be the best option and Southern Software provided a CAD-to-CAD application, at no cost to either PSAP. The CAD vendor was very responsive to the situation. The CAD-to-CAD application was set up in less than 12 hours and no 911 calls went unanswered during the transition. Gates County continues working in the Perquimans 911 center. They are planning to move operations back to their center as soon as possible and are aggressively recruiting, hiring, and training. There are weekly calls with both PSAPs and their county managers to support Gates County and Ms. Turbeville thanked everyone involved who helped with the situation, the vendors and Chowan County 911, Perquimans County 911's Emergency Service Director Jonathan Nixon, and staff who opened their doors to Gates County. Ms. Conner traveled to Avery County with Ms. Gardner to discuss their PSAP review and financial planning. She also delivered NMAC swag to the Southwest region of the State and worked with Jackson County on their financial planning. She helped various PSAPs with their COOPs and thanked New Hanover County, who offered to help Buncombe County with any overflow calls anticipated during winter weather events. Ms. Gardner participated in PAT meetings and continued work on updating the Board website. Ms. Gardner and Ms. Turbeville have a meeting planned with DIT Communications to discuss redesign of the site. She visited 16 PSAPs in December to drop off orthoimagery devices and NMAC swag. Mr. Newberry had dropped off NMAC swag and conducted PSAP tours in the Southcentral region in December. He also participated in the NMAC Manager selection process and is excited for the announcement of the candidate. He has monitored COVID impacts for PSAPs with weekly outreach calls and worked with his regional PSAPs on their COOP planning and adjustments to their COOP, including tertiary planning with alternate routes.

- 14. Election of 911 Board Vice Chair for 2022** – Ms. Harris opened the floor for nominations for the 2022 Board Vice Chair. Chief Cole nominated Jeff Shipp. Ms. Harris advised she also received an email nomination for Mr. Shipp, and no further nominations were raised. Ms. Wright made a motion to close nominations, seconded by Mr. Moore. Chairman Weaver called for a vote in favor of Mr. Shipp for Board Vice Chair. Ms. Conner conducted the roll call vote. All members present voted, except for Mr. Shipp who recused himself. The motion passed unanimously. *The roster of roll call votes for all action items for this meeting is included below as part of these minutes.*
- 15. Other** – Ms. Harris noted there will be no Board meeting in February. The March meeting will be virtual, and she anticipates the April meeting to be in-person in Wayne County. No meeting is scheduled for May, but she asked Board members to keep that date on their calendar in case the need arises to conduct business. The June meeting should be held virtually.

Roster of Roll Call Votes:

NORTH CAROLINA 911 BOARD MEETING ROLL CALL VOTE Friday, January 28, 2022			
NC 911 Board Members	4. Consent Agenda	5. f) Master Calendar Revisions	14. Election of 911 Board Vice Chair 2022
David Bone, County Manager, Davie County	Y	Y	Y
Tommy Cole, Fire Chief, City of Graham	Y	Y	Y
Greg Coltrain, VP Business Development	Y	Y	Y
Brian Drew, Manager of Customer Design	Excused	Excused	Excused
Bo Ferguson, Deputy City Manager, City of Raleigh	Y	Y	Y
Greg Foster, Director of Communications	Y	Y	Y
Chuck Greene, Director of Governmental Affairs	Y	Y	Y
J.D. Hartman, Sheriff, Davie County (NOV)	Y	Y	Y
Lee Kerlin, RF Engineer, T-Mobile Sprint	Y	Y	NP
Jeff Ledford, Chief, City of Shelby Police	NP	NP	NP
John Moore, Regional Manager, Government	Y	Y	Y
Melanie Neal, Director, Guilford-Metro	Y	Y	Y
Jude O'Sullivan, Chief Customer Officer	Y	Y	Y
Jeff Shipp, Vice President of Operations	Y	Y	Recuse
Earl Struble, Sr. Manager Verizon Res	Excused	Excused	Excused
Secretary Jim Weaver, 911 Board Chair	Y	Y	Y
Donna Wright, Director (Ret.), Richmond	Y	Y	Y

Adjourn – Chairman Weaver adjourned the meeting at 12:03 PM

*Next NC 911 Board Meeting - Friday, March 25, 2022, 10:00 AM - Noon
Via Simultaneous Communication with Microsoft Teams*



Tab 4 b – e)

b) NG 911 Reserve Fund

January 2022 Fund Balance	\$ 82,785,335
January 2022 Disbursement	\$ 480,517
February 2022 Fund Balance	\$ 80,759,133
February 2022 Disbursement	\$ 3,823,796

c) CMRS Account

January 2022 Fund Balance	\$ 2,976,831
January 2022 Disbursement	\$ 0
February 2022 Fund Balance	\$ 2,867,994
February 2022 Disbursement	\$ 211,096

d) PSAP Account

January 2022 Fund Balance	\$ 9,916,270
January 2022 Disbursement	\$ 3,545,823
February 2022 Fund Balance	\$ 11,667,658
February 2022 Disbursement	\$ 3,535,303

e) PSAP Grant/Statewide Projects Account

January 2022 Fund Balance	\$ 50,117,232
Grant Funds Encumbered	\$ 28,699,750
February 2022 Fund Balance	\$ 48,755,376
Grant Funds Encumbered	\$ 26,521,758

Next Generation 911 Reserve Fund

FY2022 beginning Fund Balance:	\$85,360,511.79							
	July 2021	August 2021	September 2021	October 2021	November 2021	December 2021	January 2022	February 2022
Service Charge Receipts	\$2,335,821.52	\$1,896,826.06	\$1,800,548.33	\$1,658,576.88	\$1,914,079.15	\$1,650,710.39	\$2,007,327.70	\$1,787,682.57
Interest allocation	\$15,841.12	\$0.00	\$11,255.06	\$9,493.67	\$12,916.85	\$10,094.83	\$6,330.33	\$9,910.43
PSAP Grant/Statewide Project Allocation (In)								
NG 911 Reserve Fund Disbursement	-\$1,184,566.79	-\$2,601,855.15	-\$4,002,279.62	-\$2,639,619.17	-\$2,765,310.21	-\$2,230,850.35	-\$480,517.06	-\$3,823,795.78
NG 911 Reserve Fund Balance	\$86,527,607.64	\$85,822,578.55	\$83,632,102.32	\$82,660,553.70	\$81,822,239.49	\$81,252,194.36	\$82,785,335.33	\$80,759,132.55

CMRS Account

FY2022 beginning Account Balance:	\$3,315,649.38							
	July 2021	August 2021	September 2021	October 2021	November 2021	December 2021	January 2022	February 2022
CMRS Service Charge Receipts	\$0.00	\$103,442.00	\$101,584.21	\$91,253.04	\$114,643.08	\$96,169.43	\$114,013.13	\$101,902.92
Interest allocation	\$615.32	\$0.00	\$402.44	\$352.94	\$469.78	\$365.88	\$223.02	\$356.36
CMRS Allocation (out)								
CMRS Disbursement	-\$187,291.72	-\$163,701.20	-\$61,555.25	-\$194,434.08	-\$155,869.40	-\$199,501.02	\$0.00	-\$211,096.22
CMRS Account Balance	\$3,128,972.98	\$3,068,713.78	\$3,109,145.18	\$3,006,317.08	\$2,965,560.54	\$2,862,594.83	\$2,976,830.98	\$2,867,994.04

PSAP Account

FY2022 beginning Account Balance:	\$8,376,978.19							
	July 2021	August 2021	September 2021	October 2021	November 2021	December 2021	January 2022	February 2022
Service Charge Receipts	\$3,052,966.06	\$3,272,633.05	\$3,213,827.39	\$2,886,979.06	\$3,626,971.70	\$3,042,519.34	\$3,607,041.94	\$3,223,910.46
Wireline Service Charge Receipts	\$415,257.57	\$427,849.50	\$448,078.90	\$418,606.45	\$404,100.06	\$325,005.69	\$529,189.19	\$393,040.05
VOIP Service Charge Receipts	\$826,903.01	\$815,763.88	\$820,970.68	\$742,855.97	\$775,382.11	\$684,054.40	\$949,241.98	\$741,940.32
Prepaid Wireless Service Charge Receipts	\$799,466.88	\$797,471.16	\$858,105.40	\$873,731.03	\$864,642.30	\$841,898.54	\$868,117.94	\$926,613.23
Interest allocation	\$1,554.59	\$0.00	\$1,453.27	\$301.61	\$630.31	\$759.93	\$584.94	\$1,187.10
Subtotal	\$5,096,148.11	\$5,313,717.59	\$5,342,435.64	\$4,922,474.12	\$5,671,726.48	\$4,894,237.90	\$5,954,175.99	\$5,286,691.16
PSAP Allocation (out)			-\$10,221,234.00					
PSAP Distributions	-\$4,159,451.48	-\$3,545,823.03	-\$3,545,823.03	-\$3,545,823.03	-\$3,545,823.03	-\$3,545,823.03	-\$3,545,823.03	-\$3,535,303.11
PSAP Account Balance	\$9,313,674.82	\$11,081,569.38	\$2,656,947.99	\$4,033,599.08	\$6,159,502.53	\$7,507,917.40	\$9,916,270.36	\$11,667,658.41

UnCertified February 2022 Report
Cash Basis

PSAP Grant-Statewide 911 Projects Account

		Total Disbursed									Remaining
		YTD	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Expenditures
			\$37,798,380.35	\$37,659,648.79	\$38,274,358.29	\$48,861,483.46	\$48,096,547.59	\$48,872,124.72	\$49,302,688.27	\$50,117,231.82	
FY2019	Award Amount										
Greene G2019-03 (069)	841,964.00	-118,547.55	-161,722.04								561,694.41
FY2020	Award Amount										
NC State Highway Patrol G2020-02 (075)	1,102,933.00	0.00				-1,102,933.00					0.00
Currituck G2020-04 (077)	583,655.00	0.00									583,655.00
Franklin G2020-05 (078)	3,958,873.00	0.00									3,958,873.00
Cumberland G2020-06 (079)	2,251,387.00	0.00	-293,298.21								1,958,088.79
Chatham G2020-07 (080)	2,339,608.00	0.00									2,339,608.00
FY2021											
Bladen County (084)	\$334,937.99	0.00	-113,021.92								221,916.07
Clay County G2021-02 (087)	2,500,000.00	-56,575.26	-33,549.67			-18,115.90			-4,053.71	-3,497.88	2,384,207.58
Sampson County (088)	\$5,479,453.00	-55,216.72		-158,112.44	-298,157.74	-294,576.32		-222,406.89		-907,470.88	3,543,512.01
Union Count (086)	\$484,021.00	0.00									484,021.00
Wilson County (083)	\$35,900.00	0.00			-35,900.00						0.00
FY2022											
Alleghany County G2022-01	\$135,000.00	0.00									135,000.00
Watauga County G2022-02	\$154,130.86	0.00									154,130.86
Burke County G2022-03	\$135,303.57	0.00									135,303.57
Pasquotank-Camden County G2022-04	\$331,021.40	0.00									331,021.40
Robeson Co G2022-05	\$106,899.99	0.00									106,899.99
Onslow/Jacksonville G2022-06	\$675,088.00	0.00									675,088.00
Wilson County G2022-07	\$108,250.50	0.00									108,250.50
Polk Count G2202-08	\$2,412,964.00	0.00									2,412,964.00
Chowan County G2022-09	\$136,781.62	0.00									136,781.62
Boone PD G2022-10	\$252,565.43	0.00									252,565.43
STATEWIDE PROJECTS:	Award Amount										
Data Analytics (012) January-December 2022	\$1,458,380.00	-529,258.04	-69,746.84		-68,395.84	-80,231.84	-73,326.84	-75,785.84	-68,585.84		0.00
Data Analytics (012) January-June 2022 (012)	\$337,980.19	\$0.00									337,980.19
ATT Data Analytics Jan-Dec 2022 (090)	\$926,000.00	0.00									926,000.00
Interpretive Services (042)	\$285,683.75	0.00	-25,683.75		-54,960.75	-28,089.00	-28,647.75	-27,596.25	-29,079.75	-26,118.00	65,508.50
Ortho Project III Image 20 (073) (MGL)	\$4,108,739.00	-3,185,491.08									109,703.26
CRM Statewide Development (066)	\$700,000.00	-135,213.40	-1,024.10	-36,167.23	-145.00	-435.00				-207.58	526,807.69
Ortho Project III Image 21 (081) (MGI)	\$3,723,908.00	-1,542,668.59	-281,921.59	-16,585.10						-1,240,697.30	642,035.42
Ortho Project III Image 22 (089) (MGJ)	\$3,430,142.00	0.00									3,430,142.00
Approved Allocation from PSAP & CMRS Transfer out to NG 911 Fund					10,221,234.00						
Interest			7,014.59	0.00	5,019.43	5,546.61	7,515.75	6,029.61	3,841.16	5,999.65	
Revenue			834,221.97	825,574.27	818,431.07	753,898.58	870,035.97	750,322.92	912,421.69	810,136.42	
Total Ending Fund Balance		\$ 37,798,380.35	\$37,659,648.79	\$38,274,358.29	\$48,861,483.46	\$48,096,547.59	\$48,872,124.72	\$49,302,688.27	\$50,117,231.82	\$48,755,376.25	

Committed: \$26,521,758.29
 Grant Account Balance \$22,233,617.96

CASH BASIS REPORTING
 Uncertified

Tab 4 f)

Grant Project Updates per Reports



Alleghany County Emergency Management

348 South Main Street – PO Box 1233 – Sparta, NC 28675

Monthly Progress Report

Current Activity – January 2022

RFPs for both portions of project are out and open for submission. Closing dates for RFP's are middle of February.

Exploring other alternatives for funding to offset county expenses for items that are not 911 board eligible (i.e., generator power for whole building)

Maintaining budget awareness

Next Month Activity – February 2021

RFP closes for renovation of space on Feb 14th, and will award at board meeting on Feb 21st

RFP closes for tower construction on Feb 25th, and will award at board meeting on Mar 7th.



Alleghany County Emergency Management

348 South Main Street – PO Box 1233 – Sparta, NC 28675

Monthly Progress Report

Current Activity – February 2022

RFPs have closed for both portions of the project. The board of commissioners have accepted the bid for the space renovation, and we are awaiting full execution of the agreement. Awaiting board action of tower construction RFP

Still exploring other alternatives for funding to offset county expenses for items that are not 911 board eligible (i.e., generator power for whole building)

Maintaining budget awareness, initial indications are to potentially be under budget

Next Month Activity – March 2022

Award tower contract and execute agreement with contractor, and hopefully start construction by the end of March

Fully execute renovation contract and begin construction by middle of March

2021 PSAP Grant Monthly Progress Report

Town of Boone Communications Center

Date: February 4, 2022 / Phase-1

PSAP: Town of Boone

Project: Decommission of MCC5500 dispatch consoles and procure and replacement with MCC7500E dispatch consoles and associated 10M Viper connection.

Begin Date: December 16, 2021

End Date: December 31, 2022

Summary of Activity:

- The project associated with this grant is currently on hold due to a pending consolidation with Watauga County's PSAP. In speaking with Stephanie Connor, we learned that the 911 Board's attorney has said that if we consolidate, then our grant agreement will be rendered null and void. This is due to the agreement being with the Town of Boone and not Watauga County, so the grant is not transferrable with consolidation.
 - Status of consolidation as of this report:
 - A presentation will be made by Chief Andy LeBeau to the Town of Boone Council members on February 9, 2022, concerning consolidation with Watauga's PSAP. This will be to provide information for the council members to consider in voting on the matter of consolidation.
 - Negotiations have been underway between the Town of Boone and Watauga County and a decision is expected to come soon if the terms are mutually agreeable.
- Concerns associated with loss of the grant if consolidation occurs:
 - The Boone PSAP's MCC5500 consoles are no longer eligible for service and maintenance by Mobile Communications America, and it is necessary to upgrade to the MCC7500 consoles to support connectivity to the state. Without the grant, this cannot occur.
 - Watauga County's PSAP is also using their respective grant to fund their upgrade to the MCC7500 consoles and have already installed their dark fiber for the project. If we consolidate, then the Boone location will become Watauga's backup and the technology will not be the same. The interest here is availability

of service and maintenance, consistency in technology and connectivity, and this can only be funded with the assistance of this grant.

- For the support of and furtherance of the 911 Board's goal of consolidation in moving forward with the Next Generation 911 initiative, the loss of the grant will be detrimental to progress towards this and other associated goals within our region.
 - The status of the grant with consolidation is understandable given that an agreement cannot be maintained with a PSAP that no longer exists. However, we hope to reach a reasonable and logical means towards achieving our project goals with the 911 Board, and also in participation with Watauga County and our collaboration grant.
- Last month's report included that we were experiencing delays associated with project planning on the 10M Viper connection (dark fiber) that is required for this project. Some of this delay was due to a slow response from MCNC, the company that had been designated for the installation. There were also issues with our cost quote having increased in excess of \$2,000 from what it was originally. I negotiated with MCNC and they agreed to honor the original quote amount, placing us back within the budget for this piece of the project.
 - Our MCNC project representative, Mr. Joel Davis, told me when we last spoke that they have been experiencing delays of up to six months due to supply chain issues. As this project will be due for completion at the end of December 2022, there is still time for progress towards completion if there are no further delays.

Lieutenant David Osborne



Date: 02-04-2022

2021 PSAP Grant Monthly Progress Report

Town of Boone Communications Center

Date: March 7, 2022 / Phase-1

PSAP: Town of Boone

Project: Decommission of MCC5500 dispatch consoles and procure and replacement with MCC7500E dispatch consoles and associated 10M Viper connection.

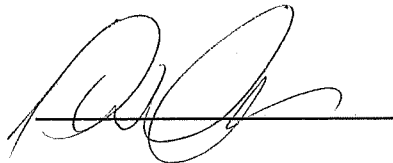
Begin Date: December 16, 2021

End Date: December 31, 2022

Summary of Activity:

- There are no updates to report on the progress of this project due to being currently on hold due to a pending consolidation with Watauga County's PSAP, which will subsequently nullify our grant application.
 - Status of consolidation as of this report:
 - The Town of Boone Council will be meeting during the month of March and consolidation is planned for the agenda. The first meeting is scheduled for March 9th but if consolidation is not decided upon at that time, then a second meeting will likely be held to vote. Hopefully, we will have a decision by the end of March.
 - Negotiations have been underway between the Town of Boone and Watauga County and a decision is expected to come soon if the terms are mutually agreeable.
- Since the last report, I have also been in contact with Joel Davis of MCNC, the company that is intended to install our fiber for the VIPER connection associated with the MCC7500E consoles involved with this grant. He said that there is a 150-day delay currently with getting materials for installations. This is a concern if a decision on consolidation continues to be delayed, creating a shorter time frame for project completion by the end of year deadline.

Lieutenant David Osborne



Date: March 7, 2022



Burke County Emergency Communications Center
"Saving Lives One Call at a Time"



February 1, 2022

January Grant Progress Report:

January 6, 2022-	Project Status Meeting with Motorola and Agencies
January 7, 2022-	Discuss data conversion tables with agencies
January 20, 2022-	Project Status Meeting with Motorola and Agencies
January 25, 2022-	Follow up with Motorola/VIPER for portable radios GPS integration with CAD
January 26, 2022-	Discuss connectivity issue for Town of Drexel, also agencies coordinated training dates for RMS/JMS
January 27, 2022-	Active Directory Integration with Motorola also scheduled follow up for RMS permissions training, February 22-24.

Projected February Accomplishments

- Two project Status meetings
- End to End Testing



Burke County Emergency Communications Center
"Saving Lives One Call at a Time"



March 2, 2022

February Grant Progress Report:

February 3, 2022-	Project Status Meeting with Motorola and Agencies
February 17, 2022-	Project Status Meeting with Motorola and Agencies
February 22-24, 2022-	End to End Testing with Motorola on site
February 28, 2022-	Data Conversion Progress Call

Projected March Accomplishments

- Jail Suite Training
- Patrol Suite Training
- Dispatcher End User Training



Chowan County Sheriff's Office

Edward B. Basnight, Sheriff

(Ms.) L.V. Pokey Harris, MPA, ENP
Executive Director
North Carolina 911 Board
NC Department of Information Technology

Pokey,
Good Afternoon.

Here is an update for the radio project that is going on in Perquimans county for the Chowan County Backup center.

As of 03/03/22 Everything looks to be on schedule for us. We are still waiting on some equipment to come in and then we can hope to get things working on the install of all the equipment. I thing we are just waiting on the Gateways to come in.

Chowan:

Three (3) new MCC7500E console positions will be provided and installed at the Chowan County Emergency Backup Operations Center. These console positions will become part of the Perquimans County console site and utilize the current Perquimans County back room equipment and leased Ethernet connection to the Viper Master Site Instant Recall Recorder software for each operator position is included. One twenty-two (22) touch screen monitor display is included for each operator position. Motorola is providing two (2) Conventional Channel Gateway (CCGW) to be added to the Perquimans County Console site. The proposed equipment will be utilized with 800 MHz control stations on site as backup communications in the event of a console to Master site link failure. Motorola is providing six (6) 800 MHz APX Consoletts RF control stations for Chowan County as part of this project.

1. Equipment

- Currently the Gateways have not shipped out and we are still waiting on a date that they will ship.
- Motorola is working on getting a update as for the APX Consoletts control stations for Chowan County. From that I was told that all of the other equipment has shipped.



Chowan County Sheriff's Office

Edward B. Basnight, Sheriff

2. Schedule

- Continue with project calls for the month of March.
- March Equipment Inventoried and onsite.
- The Circuit is installed.
- Installation & optimization
- May- System Acceptance that should happen the last full week of May
- June will be Final Acceptance

With all of that being said we are still on track to have this project up and running and closed in Q2. As of this date we have not received any Invoices but I will make you aware when we start getting them in

Please let me know if you need anything further.

Sincerely,

Herman A. Weiss
911 Director
Chowan County Sheriff Office.



Clay County, NC Grant Report – January 2022

Activities – January 2022

- Review multiple site options
- Determine options and next steps for project site
- Work with architect on pros and cons of sites
- Communicate regularly with Project Team (ongoing)

Anticipated Activities – February 2022

- Finalize site selection
- Continue with initial facility programming
- Review programming and schematic design
- Continue to define technology needs
- Communicate regularly with Project Team (ongoing)

Clay County, NC Grant Report – January 2022

The tasks listed below will be tracked throughout the project duration and will be updated monthly. Any changes will be noted in the monthly report.

Work Plan

Task	Projected Timeframe ¹	Actual	Completed
Contract for project oversight	Months 1-2	December 2020	X
Issue RFQ for architectural services	Months 2-3 (December 2020 – January 2021)	December 2020	X
Select architect and contract for services	Months 4-5 (February – March 2021)	February 2021	X
Negotiate fee with architect	Months 5-6 (March – April 2021)	March 2021	X
Define technology needs in conjunction with building design	Months 3-12 (January – October 2021)	June 2021	
Facility design and construction document process	Months 4-11 (February – September 2021)	April 2021	
Bid and award construction project	Months 16-18 (February – April 2022)		

¹ As the grant agreement was signed in late October 2020, month 1 is considered November 2020.

Clay County, NC Grant Report – January 2022

Task	Projected Timeframe ¹	Actual	Completed
Establish lead times for major technology systems, including NG911	Months 20-22 (June – August 2022)		
Proceed with construction, including coordination with migration to the State ESInet NG911 network	Months 20-32 (June 2022 – June 2023)		
Procure new technology and furnishings	Months 20-26 (June – December 2022)		
Substantial completion of construction, address any facility punch list issues	Month 30 (April 2023)		
Install, test, and accept new technology: existing equipment and the CAD system will be relocated to the new site prior to and during go-live to ensure that the old and new center remain operational until the transition is complete	Months 30-34 (April – August 2023)		
Go-live / Physically transition the Clay County primary PSAP to the new facility and the State ESInet NG911 system	Months 34-36 (August – October 2023)		
Monitor systems post cutover	Months 34-36 (June – October 2023)		



Clay County, NC Grant Report – February 2022

Activities – February 2022

- On-site review of proposed site
- Reviewed proposed site for feasibility
- Prepared for survey of new site
- Communicated regularly with Project Team (ongoing)

Anticipated Activities – March 2022

- Finalize site selection
- Continue with initial facility programming
- Review programming and schematic design
- Continue to define technology needs
- Communicate regularly with Project Team (ongoing)

Clay County, NC Grant Report – February 2022

The tasks listed below will be tracked throughout the project duration and will be updated monthly. Any changes will be noted in the monthly report.

Work Plan

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Facility design and construction document process	Months 4-11 (February – September 2021)	April 2021	
Bid and award construction project	Months 16-18 (February – April 2022)		

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Clay County, NC Grant Report – February 2022

Task	Projected Timeframe ¹	Actual	Completed
Establish lead times for major technology systems, including NG911	Months 20-22 (June – August 2022)		
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Install, test, and accept new technology: existing equipment and the CAD system will be relocated to the new site prior to and during go-live to ensure that the old and new center remain operational until the transition is complete	Months 30-34 (April – August 2023)		
Go-live / Physically transition the Clay County primary PSAP to the new facility and the State ESInet NG911 system	Months 34-36 (August – October 2023)		
Monitor systems post cutover	Months 34-36 (June – October 2023)		

Woodson "Gene" Booth
Director



Emergency Services Department

Gene Booth
131 Dick St.
Fayetteville, NC 28301
January 31, 2022

L.V. Pokey Harris, Executive Director
P.O. BOX 17209
Raleigh, NC 27609

RE: CUMBERLAND COUNTY FY2020 GRANT REPORT

Dear Ms. Harris,

This letter is to provide an update on the FY2020 911 Board Grant. During the month of January 2022, Engineered Construction Company (ECC) along with sub-contractors continued focus on interior and exterior renovations pertaining to drywall finishing, electrical wiring, and the buildings grounding loop. In addition, there was continued work on the new section of the building. Construction progress meetings were held January 6th and 20th. If you have any questions do not hesitate to reach out.

A handwritten signature in blue ink that reads "Gene Booth".

Gene Booth, Director
Cumberland County Emergency Services

Woodson "Gene" Booth
Director



Emergency Services Department

There was a discussion in the field about the grounding at the mechanical yard. I am not an expert on grounding systems and requested that ECC submit and RFI.



The framing modifications to accommodate the roll-up door at the addition have not been incorporated yet.



Woodson "Gene" Booth
Director



Emergency Services Department

Gene Booth
131 Dick St.
Fayetteville, NC 28301
February 28, 2022

L.V. Pokey Harris, Executive Director
P.O. BOX 17209
Raleigh, NC 27609

RE: CUMBERLAND COUNTY FY2020 GRANT REPORT

Dear Ms. Harris,

This letter is to provide an update on the FY2020 911 Board Grant. During the month of February 2022, Engineered Construction Company (ECC) along with sub-contractors continued focus on interior and exterior renovations pertaining to new glass store fronts and windows, waterproofing the addition, roof metal coping and the fuel tank for the generator was delivered. Construction progress meetings were held February 3rd and 17th. If you have any questions do not hesitate to reach out.

A handwritten signature in blue ink that reads "Gene Booth".

Gene Booth, Director
Cumberland County Emergency Services

Woodson "Gene" Booth
Director



Emergency Services Department



New Store front installation.



Mechanical yard and fuel tank

PHONE (252)232-2216
FAX (252) 232-2750



Mary Beth Newns
Director

Liz Hodgis
Supervisor

Currituck County
COMMUNICATIONS
147 Courthouse Rd,
Currituck, North Carolina 27929

Date: February 1, 2022
To: NC 911 Board
From: Mary Beth Newns
RE: 2020 Grant Progress Report

We continue to experience delays, but it is coming together. Please see the updated information below.

Timeline updates:

- Furniture is ordered and will be delivered and installed the week of April 18, 2022
- Radio and phone equipment arriving.
 - AT&T project calls have determined that the PSAP will be able to go live on May 17, 2022.
 - POTS lines need installed.
 - Delays on some equipment for ESInet implementation
- Pathway study for proper installation and placement of radio equipment is complete and vendor is compiling information into a report.
- Continuing to work on contract negotiations for tower space on an additional tower that will improve the overall radio system.
- Radio tower build: due to delays in material availability the likelihood of having a tower built before the end of the Grant deadline is not possible, therefore a grant amendment has been executed to delete the radio tower portion of the grant.

Reimbursement:

Reimbursement request submitted. Awaiting reimbursement of funds.

Building Progress:

- Work in progress
 - Ordering PSAP equipment and furniture
 - Ordering Console radio equipment
 - Ordering UPS
 - Negotiating rental space on an additional needed tower.

Thank you.

PHONE (252)232-2216
FAX (252) 232-2750



Mary Beth Newns
Director

Liz Hodgis
Supervisor

Currituck County
COMMUNICATIONS
147 Courthouse Rd,
Currituck, North Carolina 27929

Date: February 28, 2022

To: NC 911 Board

From: Mary Beth Newns

RE: 2020 Grant Progress Report

Due to supply chain issues and other delays, Currituck County requested an extension. Thank you for the approval!

Timeline updates:

- Furniture is ordered and will be delivered and installed the week of April 18, 2022
- Radio and phone equipment arriving.
 - AT&T project calls have determined that the PSAP will be able to go live on May 18, 2022.
 - POTS lines need installed. Continued issues with getting a response to AT&T's request to escalate.
 - AVPN installation is complete
 - Delays on some equipment for ESInet implementation
- Pathway study for proper installation and placement of radio equipment is complete and vendor is compiling information into a report.
 - initial findings of the pathway study confirm the proposed new tower height will be sufficient, but some trees will need trimmed or removed.
- Continuing to work on contract negotiations for tower space on an additional tower that will improve the overall radio system.

Reimbursement:

Reimbursement request submitted. Awaiting reimbursement of funds.

Building Progress:

- Work in progress
 - receiving PSAP equipment
 - furniture ordered
 - receiving Console radio equipment
 - received and installed UPS

Thank you.



Franklin County, NC Grant Report – January 2022

Activities – January 2022

- Review budget and timelines
- Present/receive approval to County Commissioners on general contractor selection
- Contracts with selected contractor
- Construction kickoff
- Submittal reviews
- Communicate regularly with project team (ongoing)

Anticipated Activities – February 2022

- Issue notice to proceed to contractor
- Project kickoff and meeting sync
- Begin site work
- Communicate regularly with project team (ongoing)

Franklin County, NC Grant Report – January 2022

The tasks listed below will be tracked throughout the project duration and will be updated monthly. New additions are shown in the salmon highlighted rows. At this time, the project remains on schedule.

Work Plan

Task	Projected Timeframe ¹	Actual	Completed
Contract for project oversight	Months 1-2	November 2019	X
Issue RFQ for architectural services	Months 2-3	December 2019	X
Select architect and contract for services	Months 4-5 (February – March 2020)	Selection: February 2020	X
Negotiate fee with architect	Months 5-6 (March – April 2020)	March 2020	X
Receive Commissioners' approval to proceed with contract for architectural services	Month 6 (April 2020)	May 4, 2020	X
Enter into contract for architectural services	Month 6 (April 2020) Revised: Month 8 / June 2020	June 5, 2020	X
Define technology needs in conjunction with building design	Months 13-19 / November 2020 – April 2021	April 2021	X
Facility design and construction document process	Months 9-19 (July 2020 – April 2021)	April 26, 2021	X
Establish lead times for major technology systems, including NG911			

¹ As the grant agreement was signed in late October 2019, month 1 is considered November 2019.



Greene County, NC

911 Facility Relocation

MCP Project Number 18-128

Monthly Progress Report – January 2022

Activity	This Period	Next Period
<ul style="list-style-type: none"> Design 	<ul style="list-style-type: none"> No activities 	<ul style="list-style-type: none"> None expected
<ul style="list-style-type: none"> Permits 	<ul style="list-style-type: none"> No activities 	<ul style="list-style-type: none"> None expected
<ul style="list-style-type: none"> Construction 	<ul style="list-style-type: none"> Final punch list 	<ul style="list-style-type: none"> None expected
<ul style="list-style-type: none"> Communications Systems 	<ul style="list-style-type: none"> Continue meetings with AT&T Routine planning meetings with Motorola / MCA Finalize network equipment install Begin AT&T workstation / monitor installation Install other workstations / monitors Finalize MCNC data circuit setup / use Track Lumen copper phone line install Planning / scheduling with recording system Continued coordination meetings with CAD vendor and NeverFail Schedule technology implementation 	<ul style="list-style-type: none"> Continue meetings with AT&T AT&T continue installation Radio console installs MCA site walkthrough Continue coordination with recording system Begin testing copper telephone lines Begin testing / training on technology systems NetClock install Prepare testing / cutover documents
<ul style="list-style-type: none"> Other Activity 	<ul style="list-style-type: none"> Routine project meetings to coordinate design and technology needs 	<ul style="list-style-type: none"> Continue to hold project meetings to discuss next steps and coordinate project needs

Franklin County, NC Grant Report – January 2022

Task	Projected Timeframe ¹	Actual	Completed
Bid and award construction project	Months 17-19 (March 2021 – May 2021) Revised: Months 18-21 ² (April 2021 – July 2021)	January 2022	X
Proceed with construction, including coordination with migration to the State ESInet NG911 network	Months 20-32 (June 2021 – June 2022) Revised: Months 22-34 (August 2021 – August 2022)		
Procure new technology and furnishings	Months 26-30		
Substantial completion of construction, address any facility punch list issues	Month 30 (April 2022)		
Install, test, and accept new technology: existing equipment and the CAD system will be relocated to the new site prior to and during go-live to ensure that the old and new center remain operational until the transition is complete	Months 30-34 (April – July 2022)		
Go-live / Physically transition the Franklin County primary PSAP to the new facility and the State ESInet NG911 system	Months 34-36 (July – September 2022)		
Monitor systems post cutover	Months 32-36 (May – September 2022)		

² Follow on dates will be adjusted once the timeframes are more clearly defined.



Franklin County, NC Grant Report – February 2022

Activities – February 2022

- Begin site work
- Silt fence and tree protection
- Clearing of site
- Submittal reviews
- Technology implementation efforts begin
- Began RFP for dispatch furniture
- Communicate regularly with project team (ongoing)

Anticipated Activities – March 2022

- Clearing of site complete
- Erosion control ponds installed
- Rough grading begins
- Continue submittal / RFI reviews
- Continue RFP for dispatch furniture
- Communicate regularly with project team (ongoing)

Franklin County, NC Grant Report – February 2022

The tasks listed below will be tracked throughout the project duration and will be updated monthly. New additions are shown in the salmon highlighted rows. At this time, the project remains on schedule.

Work Plan

Task	Projected Timeframe ¹	Actual	Completed
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Enter into contract for architectural services	Month 6 (April 2020) Revised: Month 8 / June 2020	June 5, 2020	X
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Facility design and construction document process	Months 9-19 (July 2020 – April 2021)	April 26, 2021	X
Establish lead times for major technology systems, including NG911			

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Franklin County, NC Grant Report – February 2022

Task	Projected Timeframe ¹	Actual	Completed
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Monitor systems post cutover	Months 32-36 (May – September 2022)		

² Follow on dates will be adjusted once the timeframes are more clearly defined.

Greene County, NC

911 Facility Relocation

MCP Project Number 18-128

Monthly Progress Report – February 2022

Activity	This Period	Next Period
<ul style="list-style-type: none"> Design 	<ul style="list-style-type: none"> No activities 	<ul style="list-style-type: none"> None expected
<ul style="list-style-type: none"> Permits 	<ul style="list-style-type: none"> No activities 	<ul style="list-style-type: none"> None expected
<ul style="list-style-type: none"> Construction 	<ul style="list-style-type: none"> No activities 	<ul style="list-style-type: none"> None expected
<ul style="list-style-type: none"> Communications Systems 	<ul style="list-style-type: none"> Continue meetings with AT&T Routine planning meetings with Motorola / MCA Finalize workstations / monitors Finalize MCNC data circuit setup / use Track Lumen copper phone line install Planning / scheduling with recording system Schedule technology implementation Prepare for cutover activities Schedule testing / training events 	<ul style="list-style-type: none"> AT&T finalize installation and perform ORT Radio console installs Install time server and display Finalize recording system and install equipment Prepare for cutover activities Prepare testing / cutover documents Final testing and cutover
<ul style="list-style-type: none"> Other Activity 	<ul style="list-style-type: none"> Routine project meetings to coordinate design and technology needs 	<ul style="list-style-type: none"> Continue to hold project meetings to discuss next steps and coordinate project needs



Ray Silance
911 Division Chief
Onslow County 911 Center
1180 Commons Drive N.
Jacksonville, NC 28546
February 2, 2022

Ms. L.V. Pokey Harris
Executive Director
North Carolina 911 Board

Dear Ms. Harris,

Please see below our progress report since December 13, 2021, date of our agreement.

- December 14th-16th System Admin Training
- January 11th-12th Law Admin Training
- January 25th & 26th Fire Admin Training

We have completed the below two Project Milestones.

- Project Kickoff and Contract Design Review (Business Process Review)
- Delivery of Applicable System Hardware and Application Software to Customer Site.

Thank you for your continued support and guidance with implementation of new CAD System. Please let me know if you have any questions.

Ray Silance
911 Division Chief

Phone: 910-989-5013

Fax: 910-938-1827

Email: Ray_Silance@onslowcountync.gov

1180 Commons Drive N.
Jacksonville, NC 28546



Ray Silance
911 Division Chief
Onslow County 911 Center
1180 Commons Drive N.
Jacksonville, NC 28546

Ms. L.V. Pokey Harris
Executive Director
North Carolina 911 Board

Dear Ms. Harris,

Please see below our progress report as of March 17, 2022.

- January 15th-17th CAD Admin Training/Provisioning
- March 15th-17th Jail Admin Training/Provisioning

Thank you for your continued support and guidance with implementation of new CAD System. Please let me know if you have any questions.

Ray Silance
911 Division Chief

Phone: 910-989-5013

Fax: 910-938-1827

Email: Ray_Silance@onslowcountync.gov

1180 Commons Drive N.
Jacksonville, NC 28546

Pasquotank-Camden-Elizabeth City

911 Communications Department

200 E. Colonial Ave • Elizabeth City, NC • 27909 • (O) 252.338.7787 • (F) 252.335.1777



Pasquotank County PSAP, NC

PSAP Radio Upgrade Project

Monthly Progress Report – February 2022

Activity	This Period	Next Period
1. Procurement	<ul style="list-style-type: none">• Procurement complete• Awaiting equipment arrival	<ul style="list-style-type: none">• No action
2. Installation	<ul style="list-style-type: none">• MCNC continues to work on fiber installation• Arrival of radio components continues	<ul style="list-style-type: none">• Working to complete fiber connection• Awaiting all radio components to be delivered
3. Testing	<ul style="list-style-type: none">• No actions required	<ul style="list-style-type: none">• No action expected
4. Training	<ul style="list-style-type: none">• No actions required	<ul style="list-style-type: none">• No action expected
5. Closeout	<ul style="list-style-type: none">• No actions required	<ul style="list-style-type: none">• No action expected

Pasquotank-Camden-Elizabeth City

911 Communications Department

200 E. Colonial Ave • Elizabeth City, NC • 27909 • (O) 252.338.7787 • (F) 252.335.1777



Pasquotank County PSAP, NC

PSAP Radio Upgrade Project

Monthly Progress Report – March 2022

Activity	This Period	Next Period
1. Procurement	<ul style="list-style-type: none">• Procurement complete• Awaiting equipment arrival	<ul style="list-style-type: none">• No action
2. Installation	<ul style="list-style-type: none">• MCNC is waiting on optics to arrive to complete the connection• Arrival of radio components continues	<ul style="list-style-type: none">• Working to complete fiber connection• Awaiting all radio components to be delivered
3. Testing	<ul style="list-style-type: none">• No actions required	<ul style="list-style-type: none">• No action expected
4. Training	<ul style="list-style-type: none">• No actions required	<ul style="list-style-type: none">• No action expected
5. Closeout	<ul style="list-style-type: none">• No actions required	<ul style="list-style-type: none">• No action expected



Polk County, NC Grant Report – February 2022

Activities – February 2022

- Project kickoff meeting with Consultants
- Discuss draft Architect RFQ

Anticipated Activities – March 2022

- Publish RFQ for Architect / Engineering Services
- Prepare compliance matrix and scoring documents for Architect qualifications documents

Polk County, NC Grant Report – February 2022

The tasks listed below will be tracked throughout the project duration and will be updated monthly. Any changes will be noted in the monthly report.

Work Plan

Task	Projected Timeframe	Actual	Completed
Contract with consulting firm for project management	Months 1-2 (January – February 2022)	February 2022	X
Publish RFQ for an Architect and Engineering (A/E) Firm for Design Services	Months 2-3 (February – March 2022)		
Contract with A/E firm and begin initial facility programming	Months 3-5 (March – May 2022)		
Undergo design and construction document processes	Months 5-14 (May 2022 – February 2023)		
Bid construction project	Month 14 (February 2023)		
Contract with construction firm	Month 16 (April 2023)		
Construct new 911 facility	Months 17-30 (May 2023 – June 2024)		
Develop technology schedule	Months 18-20 (June – August 2023)		

Polk County, NC
Grant Report – February 2022

Task	Projected Timeframe	Actual	Completed
Procure equipment and infrastructure for the new facility	Months 22-28 (October 2023 – April 2024)		
Install infrastructure and technology in alignment with construction requirements	Months 25-36 (January 2024 – December 2024)		
Develop migration / transition plan	Month 26 (February 2024)		
Address any construction punch list items	Months 30-32 (June – August 2024)		
Test and validate all new equipment / infrastructure	Month 31 (July 2024)		
Conduct 30-day burn-in	Month 32 (August 2024)		
Transition 911 Operations to new facility	Months 32-33 (August – September 2024)		
Monitor systems post-cutover	Months 32-34 (August – October 2024)		
Close out grant	Month 36 (December 2024)		



February 3, 2022

NC 911 Board - North Carolina Department of Information Technology
Polk County E-911 Renovation and Relocation Project's February 2022 Report:

January 6, 2022, sent out *REQUEST FOR PROPOSAL E-911 Renovation & Relocation Grant and Project Management*.

February 1, 2022, RFP submittal deadline, staff evaluation began. Presentation to the Board of Commissioners to award the contract will occur on February 7, 2022, during the BOC regular meeting.

February 2, 2022, submitted revised budget and work plan for project to the NC 911 Board.

Jeremy Gregg
Communications Director

cc: L.V. Pokey Harris, Executive Director, NC 911 Board
Stephanie Conner, Regional Coordinator, NC 911 Board



"YOUR WORSE DAY IS MY EVERYDAY"

ROBESON COUNTY E-911

38 Legend Drive
Lumberton, NC 28358

February 10, 2022

Ms. L.V. Pokey Harris,
Executive Director
North Carolina 911 Board

Subject: 911 Grant Report – Project Status

- Kick off meeting with Motorola & MCA on December 14, 2021
- Signed a Notice to proceed with Motorola & MCA on December 28, 2021
- Submitted a Purchase Order to Motorola & MCA on January 25, 2022
- Received a partial shipment on February 10, 2022

Thanks

Chad C Deese

Chad C. Deese
E-911 Director
Robeson County

Sampson County, NC Grant Report – January 2022



Activities – January 2022

- **Construction:**
 - Completed utility yard equipment pads
 - Continued exterior waterproofing
 - Completed metal panel insulation
 - Continued panel installation and tie-in
 - Began ceiling grid installation
 - Began installing lights
 - Began hanging VAV's
- **Technology**
 - Issued Addendum #2, 3, 4 for radio tower RFP
 - Coordination on building management system
 - Continued coordination access control/security
 - Continued coordination for structured cabling
 - Continued coordination for audio-visual
 - Continued coordination for TV services
 - Continued dispatch furniture selection
 - Began design / bid for radio equipment / microwave
 - Began coordination with recording system vendor
 - Began AT&T coordination meetings
 - Received demo dispatch chairs
 - Began technology / network specifications
 - Telecom vendor outreach

Anticipated Activities – February 2022

- **Construction:**
 - Begin lightning protection system
 - Continue overhead trimout
 - Continue hanging and tying-in VAVs
 - Continue ceiling grid
 - Begin ceramic tile
- **Technology**
 - Receive bids on radio tower
 - Continue coordination with AT&T
 - Begin structured cabling
 - Continue to coordinate audio-visual
 - Finalize television service planning
 - Procurement for dispatch furniture
 - Continue technology / network specifications
 - Procurement of racks / cabinets
 - Finalize coordination of building management system
 - Plan / begin coordination of data circuits
 - Continue radio / microwave planning
 - Continue vendor outreach and scoping discussions

Sampson County, NC Grant Report – January 2022

The tasks listed below will be tracked throughout the project duration and will be updated monthly. At this time, the project remains on schedule.

Work Plan

Task	Projected Timeframe	Actual	Completed
Bid construction project	Month 1 ¹	December 2020	X
Contract with construction firm	Month 5 (April 2021)	April 2021	X
Construct new 911 facility	Months 5-19 (April 2021 – June 2022)	April 19, 2021 – Ongoing	
Procure equipment and infrastructure for the new facility	Months 7-19 (June 2021 – June 2022)	November 2021 - Ongoing	
Develop migration / transition plan	Months 15-19 (February – June 2022)		
Test and validate all new equipment infrastructure	Months 19-20 (June – July 2022)		
Migrate any equipment, if feasible, while operating from backup center	Month 21 (August 2022)		
Transition operations to new facility	Month 21 (August 2022)		

¹ Month 1 is December 2020

Sampson County, NC Grant Report – January 2022

Task	Projected Timeframe	Actual	Completed
Test back capabilities for Carteret County	Months 22-23 (September – October 2022)		



Condition at Staff Entry



911 Dispatching Room 114



Sampson County, NC Grant Report – February 2022

Activities – February 2022

- **Construction:**
 - Continued ground ring installation
 - Continued dumpster enclosure
 - Continued metal panel installation
 - Continued pulling wire
 - Continued installing lights, grills, diffusers
 - Began raised floor layout
 - Began installing frames and windows
 - Began ceramic tile work
- **Technology**
 - Receive bids on radio tower RFP
 - Coordination on building management system
 - Continue coordination access control/security
 - Continued coordination for structured cabling
 - Continued coordination for audio-visual
 - Continued coordination for TV services
 - Finalize dispatch furniture selection
 - Begin design / bid for radio equipment / microwave
 - Begin coordination with recording system vendor
 - Procurement of racks / cabinets
 - Begin AT&T coordination meetings
 - Coordinate installation with telecom vendors

Anticipated Activities – March 2022

- **Construction:**
 - Continue lightning protection
 - Begin driveway grading and concrete preparation
 - Complete dumpster enclosure
 - Complete overhead trim-out
 - Continue ceramic tile
 - Begin dropping in ceiling tile
 - Begin raised flooring rough-ins
- **Technology**
 - Award radio tower contract
 - Continue coordination with AT&T
 - Begin structured cabling
 - Continue to coordinate audio-visual
 - Finalize television service planning
 - Procurement for dispatch furniture
 - Continue technology / network specifications
 - Finalize coordination of building management system
 - Continue radio / microwave planning
 - Continue vendor outreach and scoping discussions

Sampson County, NC Grant Report – February 2022

The tasks listed below will be tracked throughout the project duration and will be updated monthly. At this time, the project remains on schedule.

Work Plan

Task	Projected Timeframe	Actual	Completed
Bid construction project	Month 1 ¹	December 2020	X
Contract with construction firm	Month 5 (April 2021)	April 2021	X
Construct new 911 facility	Months 5-19 (April 2021 – June 2022)	April 19, 2021 – Ongoing	
Procure equipment and infrastructure for the new facility	Months 7-19 (June 2021 – June 2022)	November 2021 – Ongoing	
Develop migration / transition plan	Months 15-19 (February – June 2022)		
Test and validate all new equipment infrastructure	Months 19-20 (June – July 2022)		
Migrate any equipment, if feasible, while operating from backup center	Month 21 (August 2022)		
Transition operations to new facility	Month 21 (August 2022)		

¹ Month 1 is December 2020

Sampson County, NC Grant Report – February 2022

Task	Projected Timeframe	Actual	Completed
Test back capabilities for Carteret County	Months 22-23 (September – October 2022)		



Union County, NC Grant Report – January 2022

Activities – January 2022

- Review and alignment of technology migration & procurement plan tasks
- Continued procurement process of technology items
- Align work start of structured cabling with current building construction schedule
- Continue tasking review of tower with county staff & third party engineer; geo-technical site report completed; bid document development started
- Generator connection with building in-progress
- Provided technical guidance for upcoming technology integration

Anticipated Activities – February 2022

- Continue review and alignment of technology migration plan with project team
- Continue procurement of project technology items
- Begin installation of structured / low voltage cabling
- Continue tasking review of tower with county staff & third party engineer; complete development of bid documents
- Complete wiring of generator; alignment of generator testing with building construction schedule
- Continue technical and vendor reviews for alignment with grant funded technology

Union County, NC Grant Report – January 2022

The tasks listed below will be tracked throughout the project duration and will be updated monthly. Highlighted information denotes changes in report since last submitted report.

Work Plan

Task	Projected Timeframe ¹	Actual	Completed
Contract for project oversight	Months 1-2 (January – February 2021)	Execution completed	X
Determine procurement schedule based on facility project schedule	Month 2 (February 2021)	Procurement schedule completed	X
Outline and finalize a procurement strategy based on expected installation schedules	Months 7-8 (July – August 2021)	Purchasing plan developed/ completed	X
Install generator (dependent on construction contract)	Month 10 (October 2021)	Equipment installed	X
Procure equipment and schedule installations	Month 11+ (November 2021 onwards depending on procurement lead times)	Procurement processes of technology underway; some equipment received and staged for installation	
Install structured cabling systems and datacenter needs	Month 13 – 14 (January – February 2022; construction dependent)	Awaiting alignment with construction schedule	

¹ As the grant agreement was signed in mid-December 2020, month 1 is considered January 2021.

Union County, NC Grant Report – January 2022

Task	Projected Timeframe ¹	Actual	Completed
Install backroom supporting technical systems	Month 14 – 15 (February 2022 – March 2022; construction dependent)	Awaiting alignment with construction schedule	
Test and validate – (pre-go-live decision)	Months 16 – 17 (April – May 2022)		
30-day burn-in – (prior to go-live)	Months 18 – 19 (June – July 2022)		
Train – (just prior to cutover)	Month 19 (July 2022)		
Go-live	Month 19 (July 2022)		
30-day post-cutover monitoring	Month 20 (August 2022)		

Union County, NC Grant Report – January 2022

Grant Award Equipment Procurement Status

Union County NC - NC 911 Grant Award 2021-07						
Budget Report - January 26, 2022						
Item	Grant Award Amount	Expended Amount	Reimbursement Amount Requested / Submitted	Approved / Reimbursed Amount	Award Funds Remaining	Status / Comments
Generator	\$160,000.00	\$0.00	\$0.00	\$0.00	\$160,000.00	Units installed / connection in progress / testing pending building construction progress / invoice pending
Radio Tower	\$150,000.00	\$0.00	\$0.00	\$0.00	\$150,000.00	Awaiting approval for A1 enviromental letter, FCC registration, and FAA review / bid documents development in progress
Microwave Link	\$125,000.00	\$0.00	\$0.00	\$0.00	\$125,000.00	Equipment on order
Structured Cabling	\$39,000.00	\$0.00	\$0.00	\$0.00	\$39,000.00	Awaiting building construction progress to start installation
Radio Distribution Surge Protection	\$5,016.00	\$0.00	\$0.00	\$0.00	\$5,016.00	Awaiting building construction progress to install
Racks for Equipment	\$5,005.00	\$0.00	\$0.00	\$0.00	\$5,005.00	Awaiting building construction progress to install
Totals:	\$484,021.00	\$0.00	\$0.00	\$0.00	\$484,021.00	

Facility Construction Activity Status²

Construction

- Status
 - Interior walls and insulation completed, wall board installation nearing completion.
 - Electrical, mechanical, plumbing, gas and sprinkler rough ins are still progressing throughout the building.
 - Building exterior grounding and lightning protection system installation in progress.
 - Primary electrical switchgear is delayed from supplier due to supply chain issues.
- Schedule
 - In general, the project is ahead of schedule.

² Facility construction summary is provided as reference only for showing alignment with grant award equipment integration.

Owner (Union County) Contracted/Owner Furnished Items

- Structured Cabling
 - Alignment of work start underway with construction schedule.
- Audio Visual System(s)
 - Alignment of work start underway with construction schedule.
- Facility Security (Access Control/CCTV) Packages
 - Alignment of work start underway with construction schedule.
- Communications Tower
 - Awaiting approvals for submitted A1 environmental letter, FCC registration, and FAA review.
 - Bid document development underway.
 - Site geo-technical survey and report completed.
 - Completion of tower will likely exceed facility building completion.

Other Activity:

- Ongoing alignment of technology procurement
- Discussion and review of potential impacts in delay of tower installation & completion



Figure 1: West and east exterior elevations

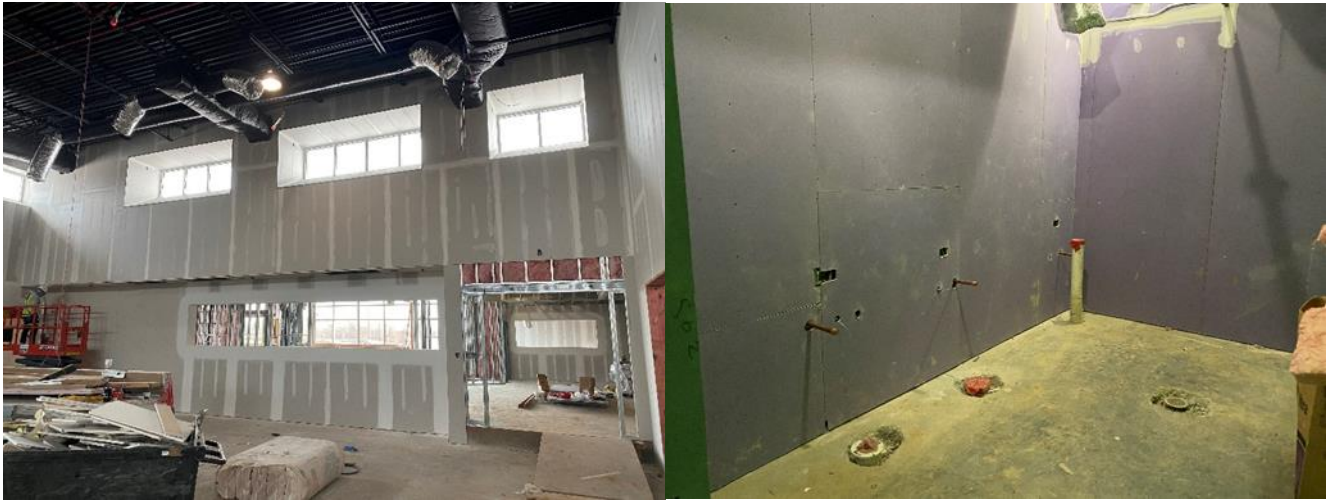


Figure 2: Interior walls are nearing completion.



Figure 3: Plumbing and mechanical systems installations continue.



Union County, NC Grant Report – February 2022

Activities – February 2022

- Review and alignment of technology migration and procurement plan tasks
- Continued procurement process of technology items
- Began installation of structured / low voltage cabling
- Completion of federal approvals for construction of tower; Continued tower bid documents review and compilation with county staff; Continued tasking review of tower with county staff & third party engineer
- Continued generator wiring alignment with other facility electrical installation
- Provided technical guidance for upcoming technology integration.

Anticipated Activities – March 2022

- Continue review and alignment of technology migration plan with project team
- Continue procurement of project technology items
- Continue installation of structured / low voltage cabling
- Continue tasking review of tower with county staff and third party engineer; complete development of bid documents
- Review of tower procurement and construction timeline with county staff and prepare/submit grant extension request to 911 Board
- Complete wiring of generator; alignment of generator testing with building construction schedule
- Continue technical and vendor reviews for alignment with grant funded technology

Union County, NC Grant Report – February 2022

The tasks listed below will be tracked throughout the project duration and will be updated monthly. Highlighted information denotes changes in report since last submitted report.

Work Plan

Task	Projected Timeframe ¹	Actual	Completed
Contract for project oversight	Months 1-2 (January – February 2021)	Execution completed	X
Determine procurement schedule based on facility project schedule	Month 2 (February 2021)	Procurement schedule completed	X
Outline and finalize a procurement strategy based on expected installation schedules	Months 7-8 (July – August 2021)	Purchasing plan developed/ completed	X
Install generator (dependent on construction contract)	Month 10 (October 2021)	Equipment installed	X
Procure equipment and schedule installations	Month 11+ (November 2021 onwards depending on procurement lead times)	Procurement processes of technology underway; some equipment received and staged for installation	
Install structured cabling systems and datacenter needs	Month 13 – 14 (January – February 2022; construction dependent)	Installation in process	

¹ As the grant agreement was signed in mid-December 2020, month 1 is considered January 2021.

Union County, NC Grant Report – February 2022

Task	Projected Timeframe ¹	Actual	Completed
Install backroom supporting technical systems	Month 14 – 15 (February 2022 – March 2022; construction dependent)	Awaiting alignment with construction schedule	
Test and validate – (pre-go-live decision)	Months 16 – 17 (April – May 2022)		
30-day burn-in – (prior to go-live)	Months 18 – 19 (June – July 2022)		
Train – (just prior to cutover)	Month 19 (July 2022)		
Go-live	Month 19 (July 2022)		
30-day post-cutover monitoring	Month 20 (August 2022)		

Union County, NC Grant Report – February 2022

Grant Award Equipment Procurement Status

Union County NC - NC 911 Grant Award 2021-07						
Budget Report - February 26, 2022						
Item	Grant Award Amount	Expended Amount	Reimbursement Amount Requested / Submitted	Approved / Reimbursed Amount	Award Funds Remaining	Status / Comments
Generator	\$160,000.00	\$400,000.00	\$160,000.00	\$0.00	\$160,000.00	Units installed / connection in progress / testing pending building construction progress / invoice received - reimbursement request submitted
Radio Tower	\$150,000.00	\$0.00	\$0.00	\$0.00	\$150,000.00	Federal approvals (FCC/FAA/Environmental) completed; Bid documents development in progress
Microwave Link	\$125,000.00	\$0.00	\$0.00	\$0.00	\$125,000.00	Equipment on order
Structured Cabling	\$39,000.00	\$0.00	\$0.00	\$0.00	\$39,000.00	Installation in progress
Radio Distribution Surge Protection	\$5,016.00	\$0.00	\$0.00	\$0.00	\$5,016.00	Awaiting building construction progress to install
Racks for Equipment	\$5,005.00	\$0.00	\$0.00	\$0.00	\$5,005.00	Awaiting building construction progress to install
Totals:	\$484,021.00	\$400,000.00	\$160,000.00	\$0.00	\$484,021.00	

Facility Construction Activity Status²

Construction

- Status
 - Interior wall board installation completed, painting, floor tile and ceiling tile installation in progress.
 - Electrical, mechanical, and plumbing installations continue throughout the building.
 - Building exterior ground ring installation completed, connection in progress, lightning protection system installation in progress.
 - Primary electrical switchgear is delayed from supplier due to supply chain issues.

² Facility construction summary is provided as reference only for showing alignment with grant award equipment integration.

- Schedule
 - In general, the project is ahead of schedule.
 - Anticipate substantial completion of building mid-May 2022.

Owner (Union County) Contracted/Owner Furnished Items

- Structured Cabling
 - Installation in process.
- Audio Visual System(s)
 - Awaiting building construction progress to begin installation.
- Facility Security (Access Control/CCTV) Packages
 - Alignment of work start underway with construction schedule.
- Communications Tower
 - Federal approvals (FCC/FAA/Environmental) completed.
 - Bid document development underway.
 - Completion of tower will exceed facility building completion.

Other Activity:

- Ongoing alignment of technology procurement
- Discussion and review of potential impacts in delay of tower installation & completion



Figure 1: Interior painting , tile & ceiling grid work



Figure 2: Exterior ground ring installation



Figure 3: Structured / low voltage cabling installation



County of Wilson

Emergency Communications Center

1817 Glendale Drive Wilson, NC 27893 Tel.(252) 237-8300 Fax: (252) 399-4874
www.wilson-co.com

February 01, 2022

Ms. L.V. Pokey Harris
Executive Director
North Carolina 911 Board

Ms. Harris,

This letter is progress report #2 for Wilson County's consolette replacement grant. This report represents the period of January 01, 2022 through January 31, 2022.

Our Motorola representative provided documentation showing our consolettes have an estimated ship date of February 14, 2022. Based on the estimated ship date we feel confident we will be able to complete the consolette replacements by the deadline of June 30, 2022.

Please let us know if there are questions.

Sincerely,

Jeffrey T. Williford
Assistant Director

L22-003



County of Wilson

Emergency Communications Center

1817 Glendale Drive Wilson, NC 27893 Tel.(252) 237-8300 Fax: (252) 399-4874
www.wilson-co.com

March 04, 2022

Ms. L.V. Pokey Harris
Executive Director
North Carolina 911 Board

Ms. Harris,

This letter is progress report #3 for Wilson County's console replacement grant. This report represents the period of February 01, 2022, through February 28, 2022.

The consoles did not ship on the anticipated date of February 14th. Our Motorola representatives have been advised of the deadline to request an extension of the project as stated in the signed agreement and have advised they do not foresee needing an extension and feel the project will be completed by June 30, 2022.

Please let us know if there are questions.

Sincerely,

Jeffrey T. Williford
Assistant Director

L22-015

Tab 5
Executive Director's Report
Pokey Harris

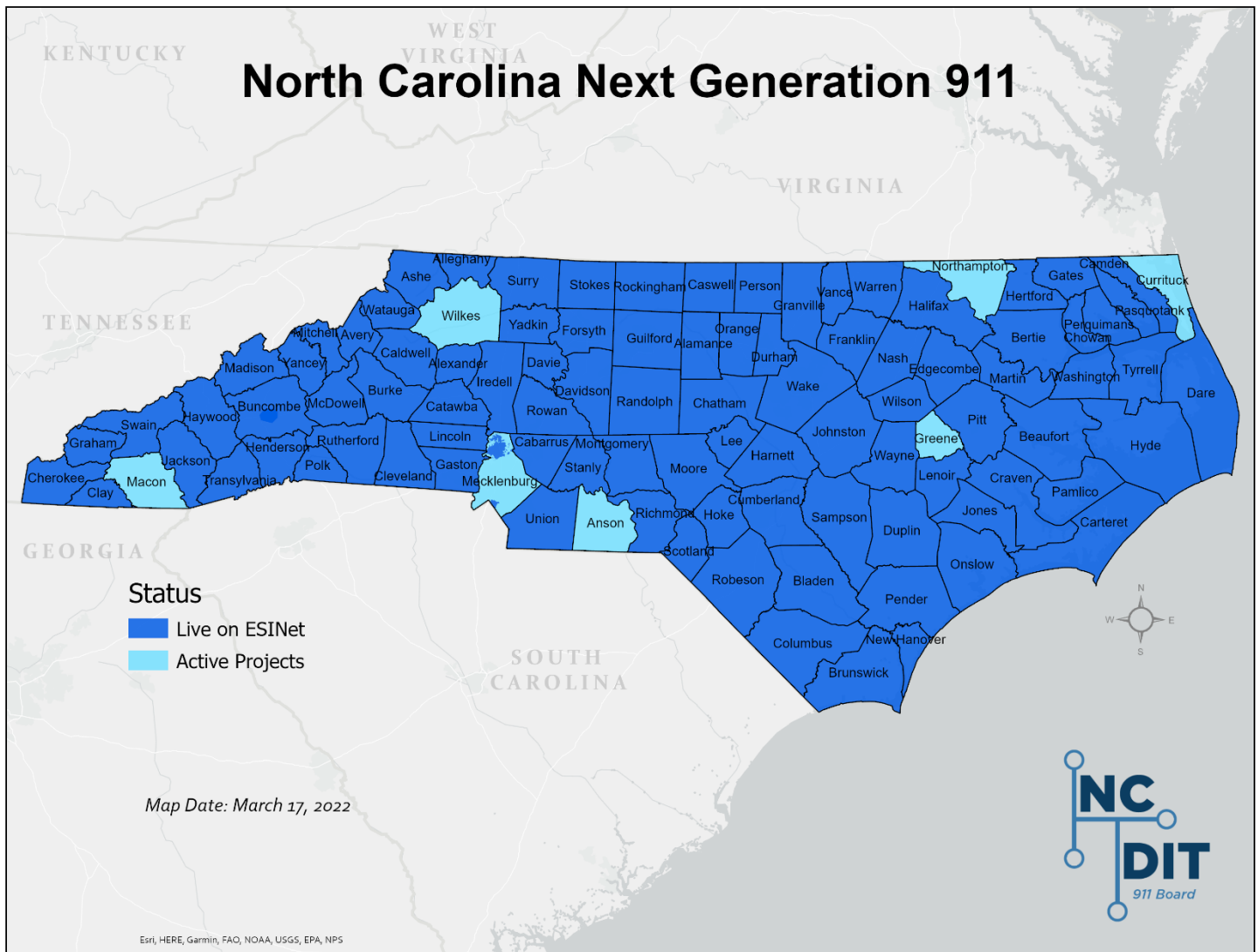
Tab 5 a)
Staffing Updates

Tab 5 b)
COVID-19 Update

Tab 5 c)

NextGen 911 Migration Status

NC NG911 Migration Status



ESInet Migrations

March 23, 2022

Due to ESInet migrations now being conducted under Covid-19 restrictions and limited accessibility requirements, photos and quotes may not be included.

Kudos and Congratulations!!!

Greene County 911 (Eastern Region) ESInet Migration March 23, 2022

- Migration as i3
- Viper Hosted Call Handling Equipment
- PSAP #119/Physical Location #182 (Including Backups)

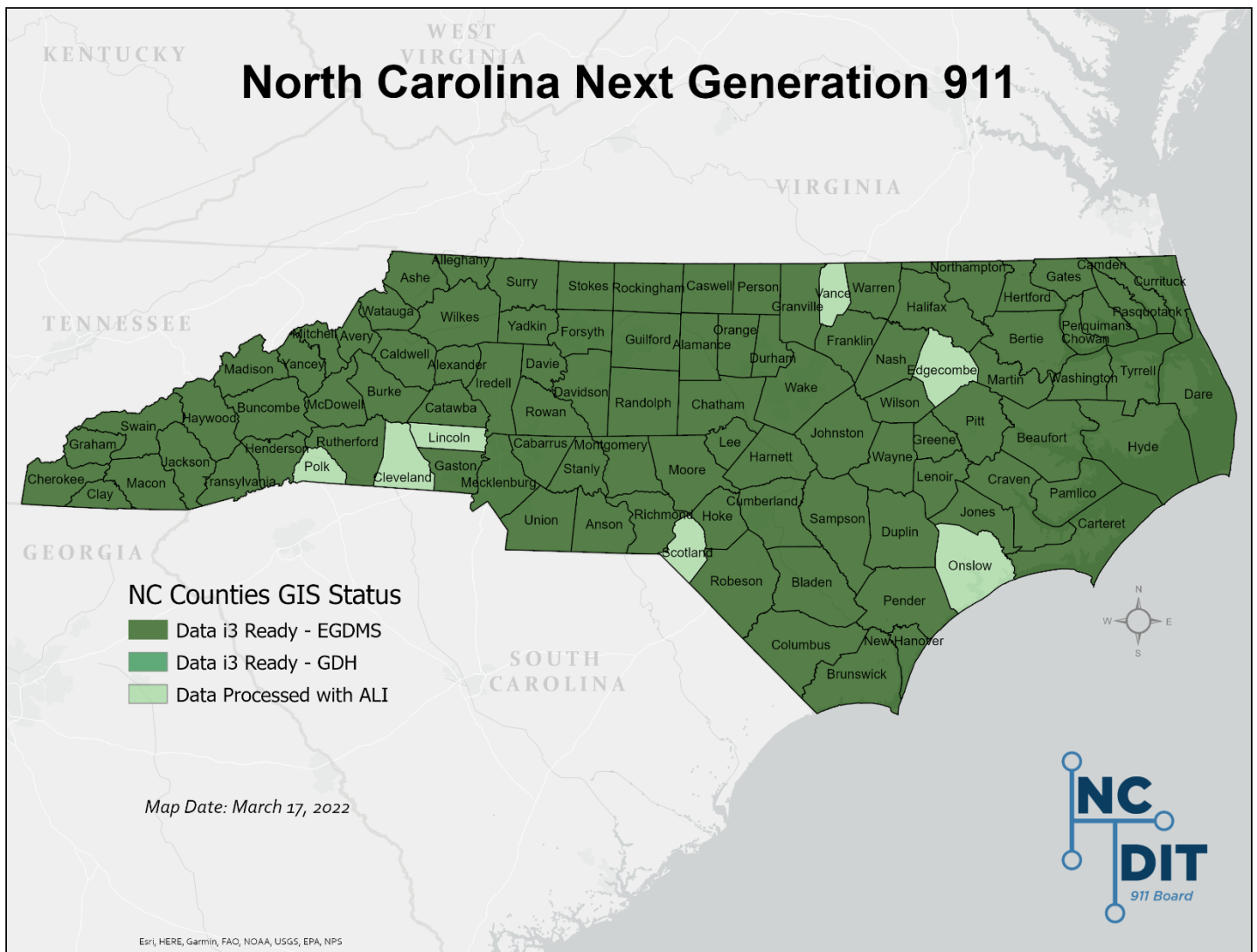
Greene County Operations Center Grand Opening March 2, 2022



Tab 5 d)

NextGen 911 GIS Status Map

NC NG911 GIS Status



Tab 5 e)

**National Public Safety
Telecommunicator Week
(NPSTW)**

April 10 – 16, 2022

Tab 5 f)

NENA's 911 Goes to Washington

NENA's 911 Goes to Washington 2022

911 Goes to Washington (#NENAGTW) brings hundreds of 9-1-1 professionals together with government leaders in our Nation's capital to address today's most pressing 911 and emergency communications issues. NENAGTW is the only event where policy challenges facing 9-1-1 are presented to attendees who can then take action to address them through dialogue with their elected and appointed officials.

Attendees are provided information to shape the 911 and emergency communications agendas for the Administration and Congress. Critical knowledge of federal and state 911, homeland security, and emergency communications legislation, regulation, and policy initiatives are shared. An opportunity to speak directly with members of Congress, administration officials, and key staff on behalf of the entire 911 community across the country is provided.

Aside from review of key items for discussion during Hill visits, sessions each day provided information to attendees about other 911 legislative priorities, 911 funding, an FCC Bureau update, NG911 policy revision and creation, association NG911 updates (NENA and NASNA), and a keynote address from Representative Cathy McMorris Rodgers and Senator Amy Klobuchar. Both ladies are advocates for 911, particularly for Next Gen 911 and the 911 profession.

This year's items of key importance for discussion include:

- Federal Funding for Next Generation 911
 - A one-time infusion of federal funding will help the states complete the NG911 transition.
 - Unlike North Carolina, many states do not have adequate funding for NG911.
 - It is anticipated NC will be able to take advantage of this funding as we continue to enhance our next generation capabilities for 911 call handling and processing.
- Classification of Telecommunicators as a Protective Service Occupation
 - The 911 SAVES Act (HR 2351/S 1175) would reclassify telecommunicators as a protective service in the federal government's Standards Occupational Classification System (SOCS).
 - 17 states and localities across the country have already reclassified 911 professionals, reflecting widespread agreement that 911 is much more than a clerical career.
 - North Carolina currently does not classify telecommunicators. However, HB 492 which passed in 2021 allowing first responders to qualify for worker's compensation for PTSD, does name emergency dispatchers as first responders.
- Reauthorization of the National 911 Program Office
 - The National 911 Program is located in the NHTSA.
 - Reauthorization is necessary before October 2022.
 - The 911 Program Office provides essential coordination, services, and information products to the 911 community and industry.
 - The federal coordination of certain facets of 911 is essential to both state and local 911 authorities.
 - The National Program provides research, forums to address common issues, and guidance on matters facing 911 authorities and professionals



The 10-member North Carolina delegation for this year's NENAGTW included:

Nikki Carswell, Assistant Director, Iredell County 911
Stephanie Conner, Western 911 Regional Coordinator, NC 911 Board
Chad Deese, Director, Robeson County 911
Samantha Dutch, Director, Scotland County 911
Grayson Gusa, President, NC APCO and Training Supervisor, Davie County 911
Poke Harris, Executive Director, NC 911 Board
Candy Miller, Director, Iredell County 911
Melanie Neal, NC 911 Board Member, and Director, Guildford Metro 911
Tom Rogers, NG911 Network Engineer/Program Manager, NC 911 Board
Jeff Ship, Vice Chair, NC 911 Board and Chair, NC 911 Board Technology Committee

Special thank you to Donna Wright, NC 911 Board Member, for coordinating with the representatives' offices to arrange the two days of visits. This was a herculean feat to coordinate two, sometimes three, teams to accommodate the schedules of the legislatures that graciously made themselves available.

Tab 5 g)

CGIA 2020-2023 Cycle

**Southern Piedmont and Mountains
2023 Proposal**

Tim Johnson, CGIA Director

Ben Shelton, Project Manager

(Roll Call Vote Required)

March 11, 2022

L.V. Pokey Harris, MPA, ENP
Executive Director
NC 911 Board
NC Department of Information Technology
PO Box 17209
Raleigh, NC 27619-7209

Dear Ms. Harris:

The NC Center for Geographic Information and Analysis (CGIA) is pleased to submit the attached proposal for the Southern Piedmont and Mountains 2023 Orthoimagery Project. This project represents the final phase of the 2020-2023 cycle that the NC 911 Board approved in March 2019. The project team has strived to gain efficiencies each year and improve the product delivered to each of the PSAPs in North Carolina and deliver it earlier. CGIA continues to see increased value of the orthoimagery to stakeholders across North Carolina based on the NC 911 Board investment in this program. High quality imagery is critical to maintaining NextGen 911 datasets, assessing the impact of impervious surfaces on stormwater runoff, identifying building footprints, analyzing wildfire risks, and for many other purposes.

The Southern Piedmont and Mountains project covers 10,397 square miles and 21 counties. It encompasses a portion of the Southern Appalachians from the Georgia/Tennessee border with North Carolina east to Anson and Montgomery counties. The unique challenges in the project area include the Charlotte and Asheville urban areas and the mountainous area in the west which constitutes 50% of the project land area. Like the current 2022 project, the mountains are challenging in terms of the steep terrain and the flight planning necessary to achieve successful acquisition at the appropriate sun angle, minimizing shadows that can obscure features on the ground. Flights for the 2023 project will occur in the February-April 2023 timeframe and will be followed by end-user quality control throughout the summer with final delivery anticipated for mid-November 2023.

The Southern Piedmont and Mountains project will be completed at a total cost of \$3,323,851 which is a reduction of \$269,938 from the projected cost of \$3,593,789 expressed in the 2020-2023 proposal. The lower cost is based on a downward trend in negotiated costs for orthoimagery production services that the team has seen since the four-year proposal was prepared.

Ben Shelton and I look forward to briefing the Board at the March 25 meeting.

Sincerely,



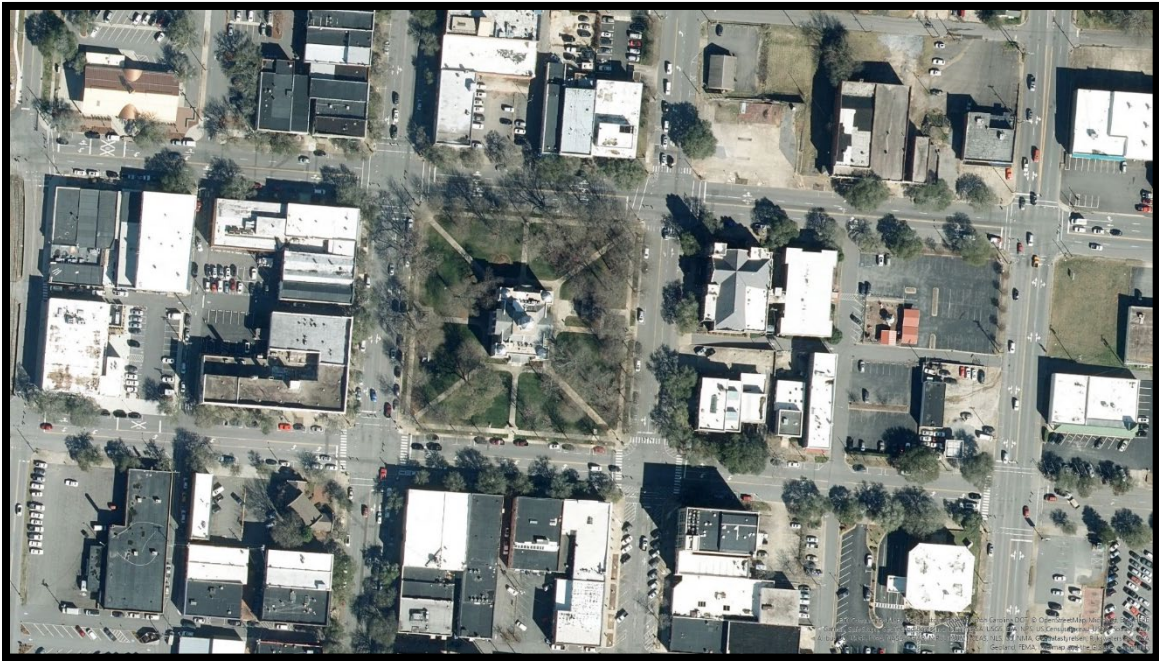
Tim Johnson, GISP
NC Geographic Information Officer
Center for Geographic Information and Analysis

STATEWIDE ORTHOIMAGERY PROGRAM

Phase 4

Southern Piedmont and Mountains 2023

Orthoimagery Acquisition, Processing and Distribution



Prepared for

North Carolina 911 Board

Prepared by

North Carolina Center for Geographic Information and Analysis

Submitted on

March 11, 2022

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Overview

The availability of current, high-accuracy orthoimagery is essential for effective response to emergencies, especially with the wide-spread use of mobile phones. According to the North Carolina 911 Board website, over 79% of calls to NC Primary Safety Answering Points (PSAPs) in 2021 were from wireless devices. Having consistent orthoimagery products with a high degree of spatial accuracy provides positioning and situational awareness necessary to effectively respond to these calls. Since the first statewide orthoimagery project in 2010, the quality and reliability of the orthoimagery available to every PSAP in the state has consistently improved due to the investment of the NC 911 Board. High accuracy orthoimagery also serves as the basis for much of the geospatial data that is currently implemented in the NextGen 911 system across the state. Imagery serves as an important tool for the creation and maintenance of addresses, street centerlines, and other spatial data outlined in the NENA Standard for NG9-1-1 GIS Data Model ([NENA-STA-006.1.1-2020](#)).

Beginning in 2012 with the first four-year cycle of the NC Statewide Orthoimagery Program, the NC Center for Geographic Information and Analysis (CGIA) has served as the overall project manager through two statewide cycles. CGIA’s approach to each project is to emphasize quality control that ensures that the board’s investment produces the best possible imagery products for use in the Computer Aided Dispatch (CAD) systems employed by PSAPs. In

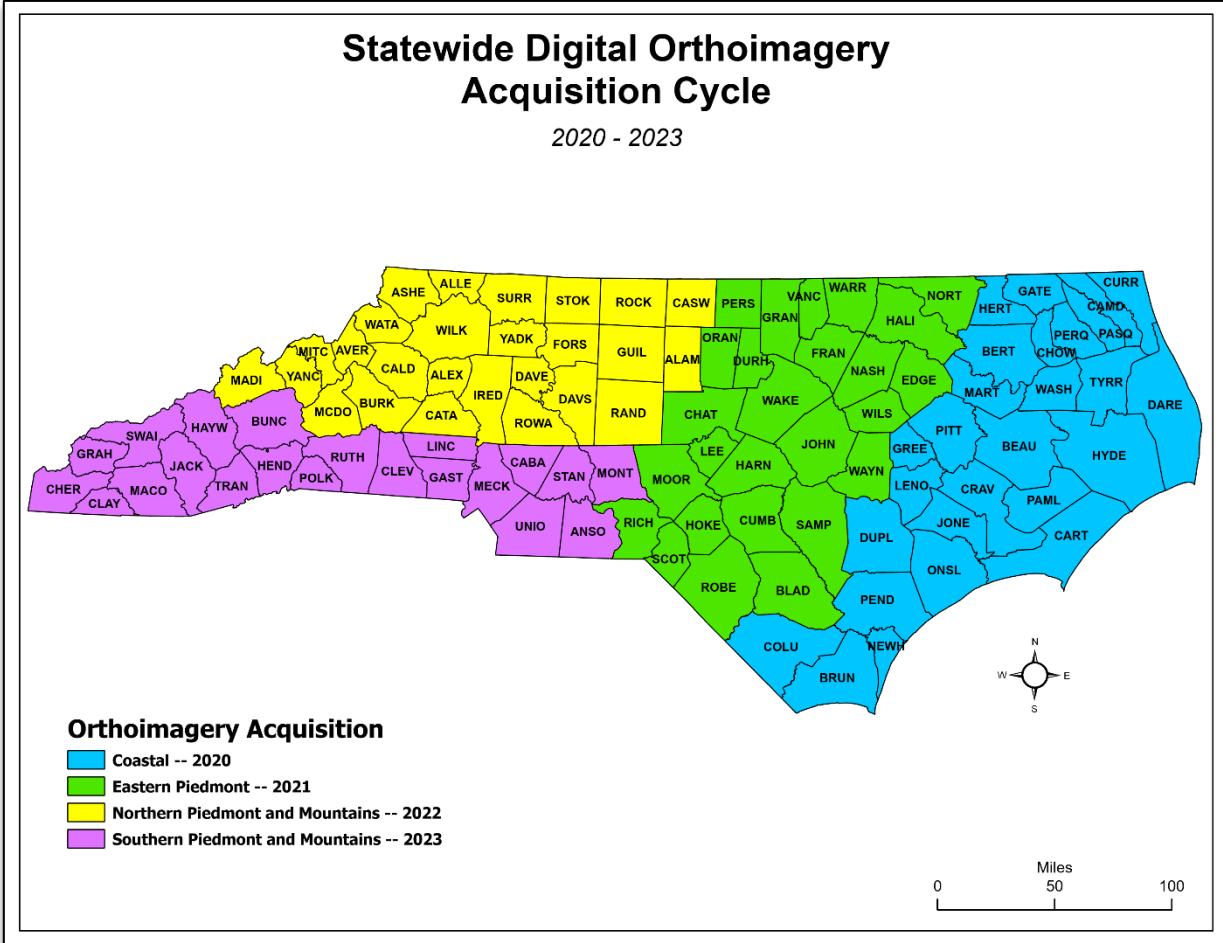


Figure 1: Current Four-Year Statewide Orthoimagery Cycle

addition to stringent quality control measures, a focus on continually refining the imagery products and processes has improved the final deliverables, shortened the delivery timeline, and reduced costs for the board. Since 2010, the Statewide Orthoimagery Program has delivered over 190,000 square miles of high-resolution orthoimagery products to every Primary PSAPs in all 100 counties. This equates to over 60 terabytes of data. This data has not only improved 911 operations, but has also contributed to disaster recovery efforts, tax appraisals, urban and regional planning, real estate development, engineering design, forestry, agriculture, and many other uses that serve North Carolina.

To continue to sustain this mission-critical dataset, CGIA proposed the third statewide cycle of orthoimagery projects beginning in January 2020 and continuing through 2023 (See Figure 1). The NC 911 Board approved this proposed cycle in March of 2019, with funding approved for the first phase of the four-year cycle, which was completed and delivered new imagery for 27 counties in the coastal region of the state in early December 2020. The second phase of the cycle was completed in mid-November 2021 for 26 counties in the eastern piedmont region of the state. Phase 3 of the cycle is currently underway for the 26-county project area in the northwest part of the state with an anticipated final delivery of all products in mid-November 2022.

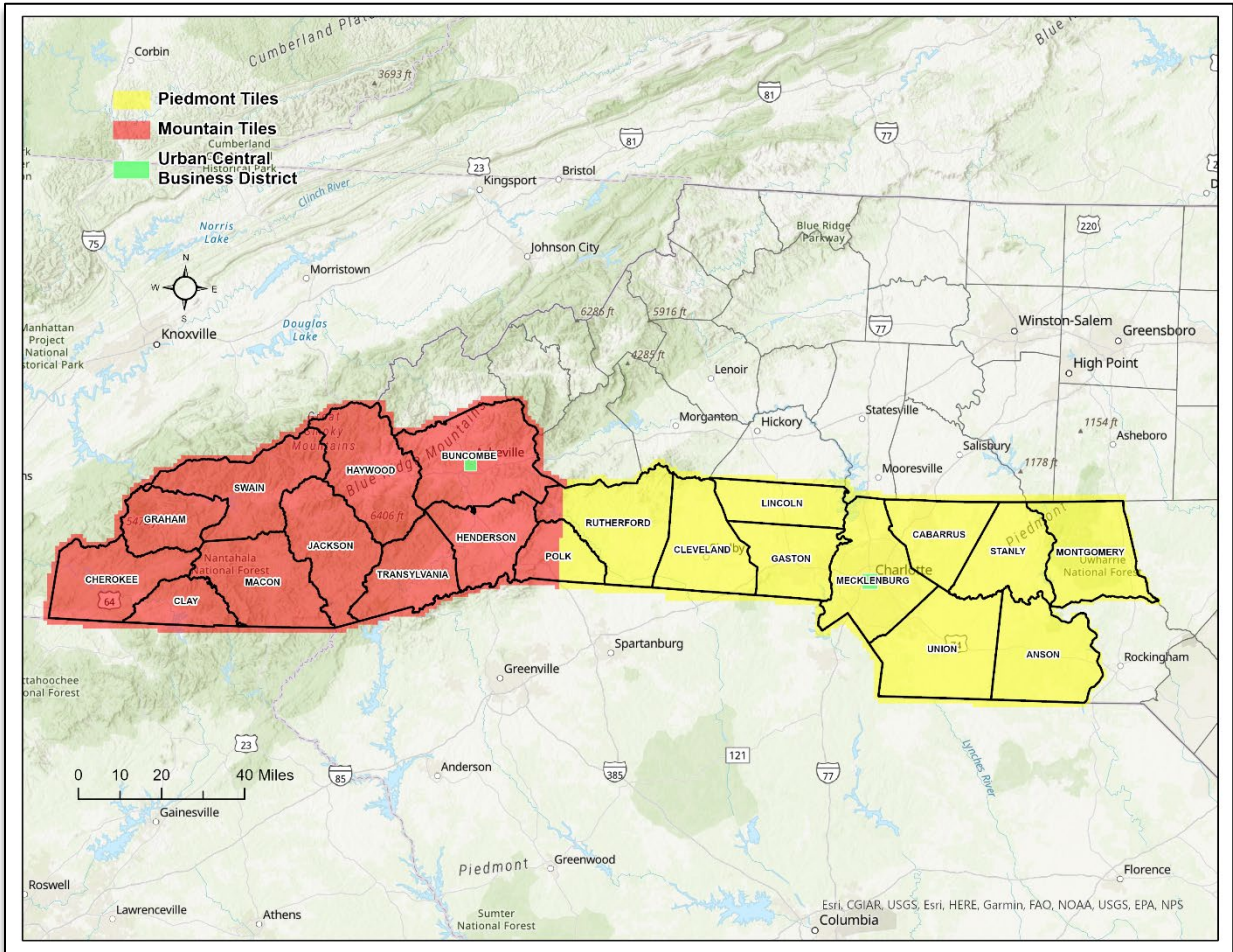


Figure 2: 2023 Orthoimagery Project Area

The subject of this proposal is Phase 4, which covers 10,397 square miles and 21 counties in the Southern Piedmont and Mountains region. The unique challenges included in this project area are the Charlotte and Asheville urban central business districts, as well as the mountain region in the western part of the project area (See Figure 2). The mountain region accounts for almost 50% of the project area and requires increased specifications for sun angle and flight planning, which directly impact the costs of acquiring imagery over this region. Close coordination with stakeholders and a strict implementation of quality control measures is necessary to successfully complete the project in the narrow schedule proposed for such a large area.

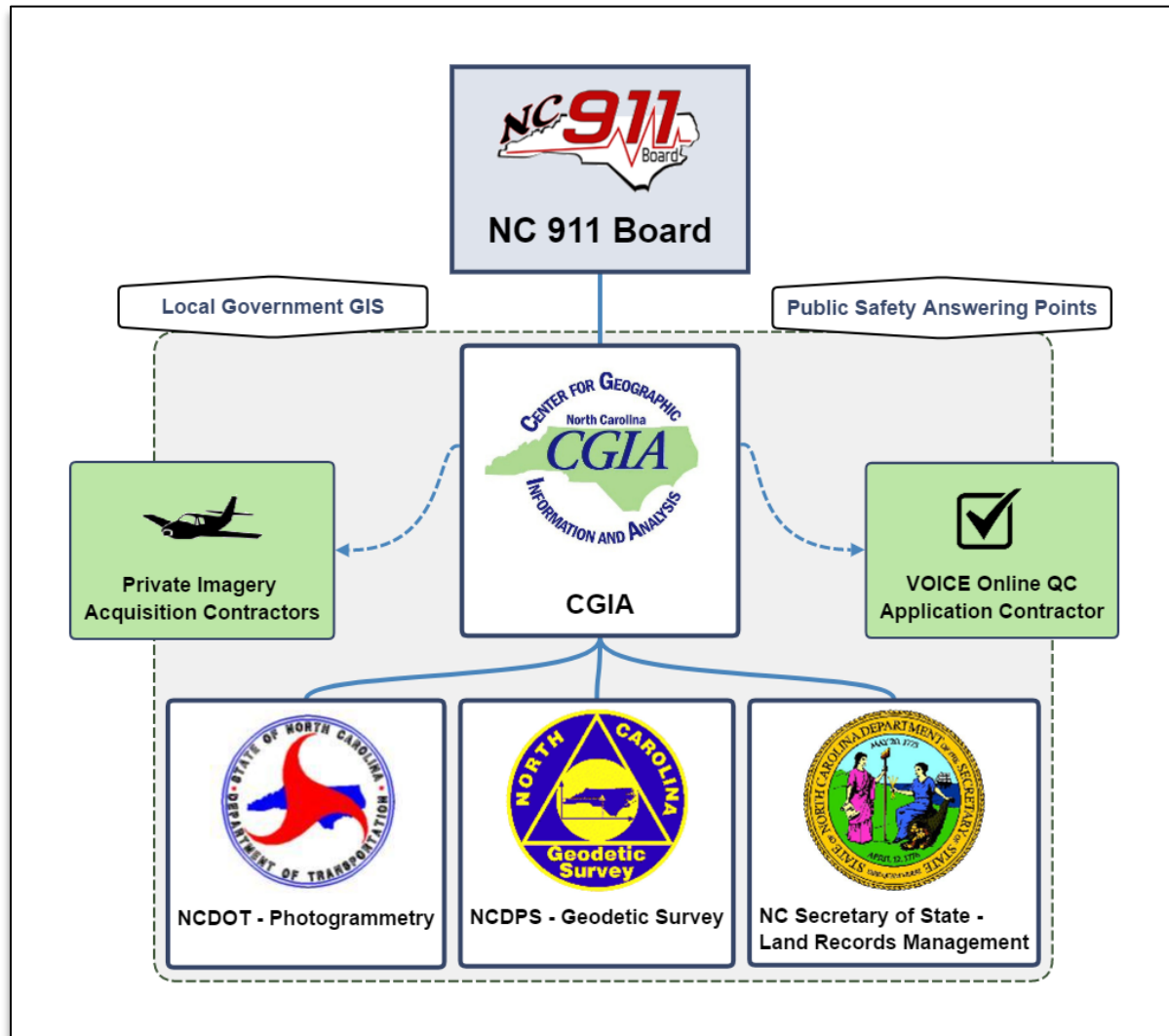


Figure 3: Project Team

As the overall project manager, CGIA must take all the distinctive challenges for each project into consideration when developing requirements and oversight. Each project is a collaborative effort among many different state agencies and external stakeholders. Each organization plays a role in creating the best final product possible. Figure 3 illustrates the level of stakeholder involvement in each project that contributes to the success of each project.

Project Team Roles and Responsibilities

1. CGIA

CGIA will serve as the project manager of all third-party contractors and state partners, to include performing qualifications-based selection (QBS) procurement for private sector contractors, developing contracts, managing invoices, and documenting scope of work on the project. CGIA will specify the detailed requirements for products and services based on *North Carolina Technical Specifications for Digital Orthophoto Base Mapping*. CGIA will also oversee all quality review activities and resolutions, manage the creation of all final orthoimagery products, coordinate outreach with Primary PSAPs and local government representatives, and ensure client satisfaction.

2. NCDOT Photogrammetry Unit

NCDOT Photogrammetry will provide advisory and technical services throughout the project phases. NCDOT has extensive expertise and experience in photogrammetry (i.e., the art, science, and technology behind obtaining reliable accurate measurements and three-dimensional data from overlapping photographs). NCDOT Photogrammetry is responsible for the technical details associated with photogrammetric processes and production which include flight and control planning, imagery acquisition, image post processing, GNSS-IMU post processing, aerotriangulation, and orthoimagery generation. GNSS-IMU comprises technology on the acquisition aircraft that uses orbiting GNSS satellites to compute the aircraft's relative position, time, and velocity at the time of each exposure collected by the sensor. GNSS-IMU is used in aerotriangulation, which is the use of ground control to spatially rectify each image to the correct location on the earth's surface. This facilitates detailed analysis of acquisition coverage requirements and compliance to the specifications outlined in the North Carolina standards for orthophotography. The NCDOT Photogrammetry Unit will evaluate and advise on all report documentation, technical data submittals, and contractor submittals. NCDOT will also perform quality review for 30% of the project and will ensure specifications are met for transportation infrastructure.

3. NC Department of Public Safety-NC Geodetic Survey

The NC Geodetic Survey has extensive expertise and experience in managing positional quality control for orthoimagery. NC Geodetic Survey will advise on the QBS procurement process for private contractors, maintain validation range for testing and approving digital cameras, and perform horizontal quality control. They will also evaluate report documentation and technical data submittals directly related to survey control.

4. NC Department of the Secretary of State, Land Records Management Section

The Department of the Secretary of State is the author of the *North Carolina Technical Specifications for Digital Orthophoto Base Mapping*, the state standard for orthoimagery acquisition. The Land Records Management Section will advise on the QBS procurement process of private contractors, interpret the state standard for the project team as needed, and serve as a member of the state project team throughout the project.

5. Private Contractors

Private contractors, managed by CGIA with support from collaborating members of the state project team, will perform acquisition, processing, production and delivery of orthoimagery to CGIA covering all project counties. An additional private contractor will develop and deliver an online application for quality review of the imagery product by PSAP and GIS end users in the project areas.

6. Local Governments

The Public Safety Answering Points and the local government GIS representatives are critical to the successful completion of each orthoimagery project. They will perform preliminary quality review of the product, receive final delivery of the orthoimagery from CGIA, and coordinate with project team for any product exceptions or outstanding issues. Over the past statewide orthoimagery projects, PSAP and local government review of a minimum of 25% of project imagery during quality review has been critical to eliminate error from final products. Feedback from the PSAP and GIS community validate current deliverables and support the development of future product requirements.

Project Approach

In 2011, the NC 911 Board selected CGIA as the Project Manager over all aspects of the Program. Throughout all phases of the statewide orthoimagery program, the project team has focused on taking a proactive approach to quality control and project administration. The foundation for this high standard of quality and oversight is based on the *North Carolina Technical Specifications for Digital Orthophoto Base Mapping*, which were originally adopted by the NC Geographic Information Coordinating Council (GICC) on August 18, 2004. This State Standard for orthoimagery was updated and re-adopted on December 11, 2014 by the NC Secretary of State (see https://www.sosnc.gov/documents/forms/land_records/Technical_Specifications.pdf). Using these specifications as a basis for the orthoimagery program has allowed CGIA and the project team to perform oversight and accountability of all contractor processes and deliverables to ensure that the investment of the NC 911 Board leads to the best orthoimagery products possible.

The imagery acquisition season is the most critical period for each project. This typically runs from the first of February into mid-April depending on which part of the state is being flown. Due to the stringent requirements of the projects for leaf-off collection, lack of cloud cover, rivers within their banks, absence of snow cover, minimum sun angle, and other conditions, the contractors may only have eight to ten days with optimum conditions to fly the project area. NCDOT has developed various acquisition monitors allowing the team to review the results of every flight mission not to exceed five days after the mission occurs. If the flight mission does not meet certain requirements, re-flights are required. CGIA includes contractual terms and conditions mandating re-flights the next flying season if there is demonstrated non-compliance. This ensures that the contractors are placing North Carolina as a high priority and not missing opportunities to acquire imagery when conditions are favorable.

Throughout each phase of the program, oversight and accountability of private contractors has been achieved primarily through the review of several required compliance documents that

each contractor must submit at milestones throughout the project. Much of the compliance documentation must be signed and sealed by a Professional Land Surveyor (PLS) licensed in North Carolina to attest to the accuracy of the processes outlined. They outline the processes, technologies, and results of each phase of orthoimagery development, such as flight planning, horizontal control surveys, imagery acquisition, GNSS-IMU post-processing, aerotriangulation, and final product delivery. Each piece of documentation is analyzed by the state project team for adherence to the state standards for orthoimagery and the project requirements. This generates a consistent, high-quality product from every contractor on each project.

Beginning with the 2020 project, the project team implemented more stringent standards for horizontal accuracy, following updated positional accuracy standards set forth by the American Society for Photogrammetry and Remote Sensing (ASPRS). Previous projects achieved a high-level of accuracy in the final products. However, with advancements in imaging and GNSS-IMU technology even higher levels of spatial accuracy can be achieved without additional cost to the program. The horizontal accuracy achieved in the final products allows for a level of confidence in 911 response, as well as validates the spatial accuracy of many of the GIS datasets being used for CAD mapping and call routing. Many local and county GIS organizations rely on the imagery from this program to create and maintain addresses, street centerlines, and other spatial data that now directly impact the Next Generation 911 (NG911) system.

Another tool that can be leveraged by county and local GIS organizations to create and maintain NG911 spatial data is color infrared (CIR) imagery. CIR has many uses for a variety of industries, but in terms of 911, it greatly enhances the ability to distinguish built features and impervious surfaces, such as roads, buildings, and parking lots, from trees and other vegetation, which can be seen in Figure 4. It can also be loaded as an additional layer in conjunction with the standard orthoimagery products in certain CAD software that can aid response teams in navigating difficult terrain and highlighting man-made objects in dense vegetation.



Figure 4: Color Infrared Imagery Example

If a road or path is in dense forest, swamp, or other problematic conditions, it can become difficult to see on the basemap even with leaf-off conditions. However, by turning on a CIR data layer, roads and paths will stand out more clearly against the red tree and vegetation features.



Figure 5: Deep Learning AI Example of Building Footprint Feature Extraction from Orthoimagery

The orthoimagery products from the Statewide Orthoimagery Program continue to add value to other mapping efforts across the state. The imagery has been used by county and local governments to extract features, such as building footprints and impervious surfaces to manage stormwater runoff. Currently, the GICC's Statewide Mapping Advisory Committee (SMAC) has initiated a Working Group for Building Footprints to develop a business plan for extracting building footprints from the imagery collected from this program each year. With advancements in Artificial Intelligence (AI) and deep learning models, it is becoming increasingly viable to run these models to extract features from the imagery to be used in other mapping efforts. Figure 5 demonstrates the results of extracting building footprints from a portion of the 2020 orthoimagery products.

Building footprints are an important framework dataset that will contribute to many statewide efforts. NC Emergency Management requires updated building footprints for disaster recovery, mitigation, and resiliency efforts. Updated building footprints directly impacts their ability to rapidly get federal funding after a disaster by quantifying the impacted structures. The NC Forest Service could leverage this data for performing wildfire risk analysis and mitigation by allowing the visualization of tree canopy within the home ignition zones surrounding a home. The NC Office of State Budget and Management can rely on accurate, up-to-date building footprints to improve the approach to the decennial census count of households and population in the state, which could increase federal funds coming to the state each year. Other uses include enhanced broadband availability mapping, fire inspections, property insurance, and addressing. NC PSAPs could also improve initial unit response plans by showing what type of structure is involved which ties into critical fire response incidents such as structure fires and collapses.

911 BOARD COVERAGE REQUIREMENTS	
7 Mile Extent	Coverage that extends a minimum of 7 miles outside that county. Provides coverage for cellular call routing.
Neighbor Counties – Current project year	Provides regional coverage within the current project year.
Neighbor Counties – Previous project years	Completes regional coverage with imagery from previous projects where applicable.
Adjacent State Imagery	GA, SC, TN, and VA imagery from partners in those states incorporated into the single file mosaic for counties that border these states.

CGIA and the project team continually strive to improve upon the administration of the program and the products produced. CGIA has incorporated lessons learned and feedback from the 911 Board to improve the final products delivered at the end of each project. Table 1

Table 1: Imagery Extent Requirements

outlines the current requirements related to the coverage of the imagery delivered to each county. Throughout the first four-year cycle, advancements were made to the county-wide, single file imagery deliverable that many of PSAP CAD systems employ. Figure 6 demonstrates the full extent of all products delivered to an individual PSAP, including tiled products and the single-file imagery deliverable. Feedback received from the 911 community showed concern of having basemapping that extended outside the county boundary far enough for the routing of mobile phone calls that may originate outside a county’s borders depending on where the

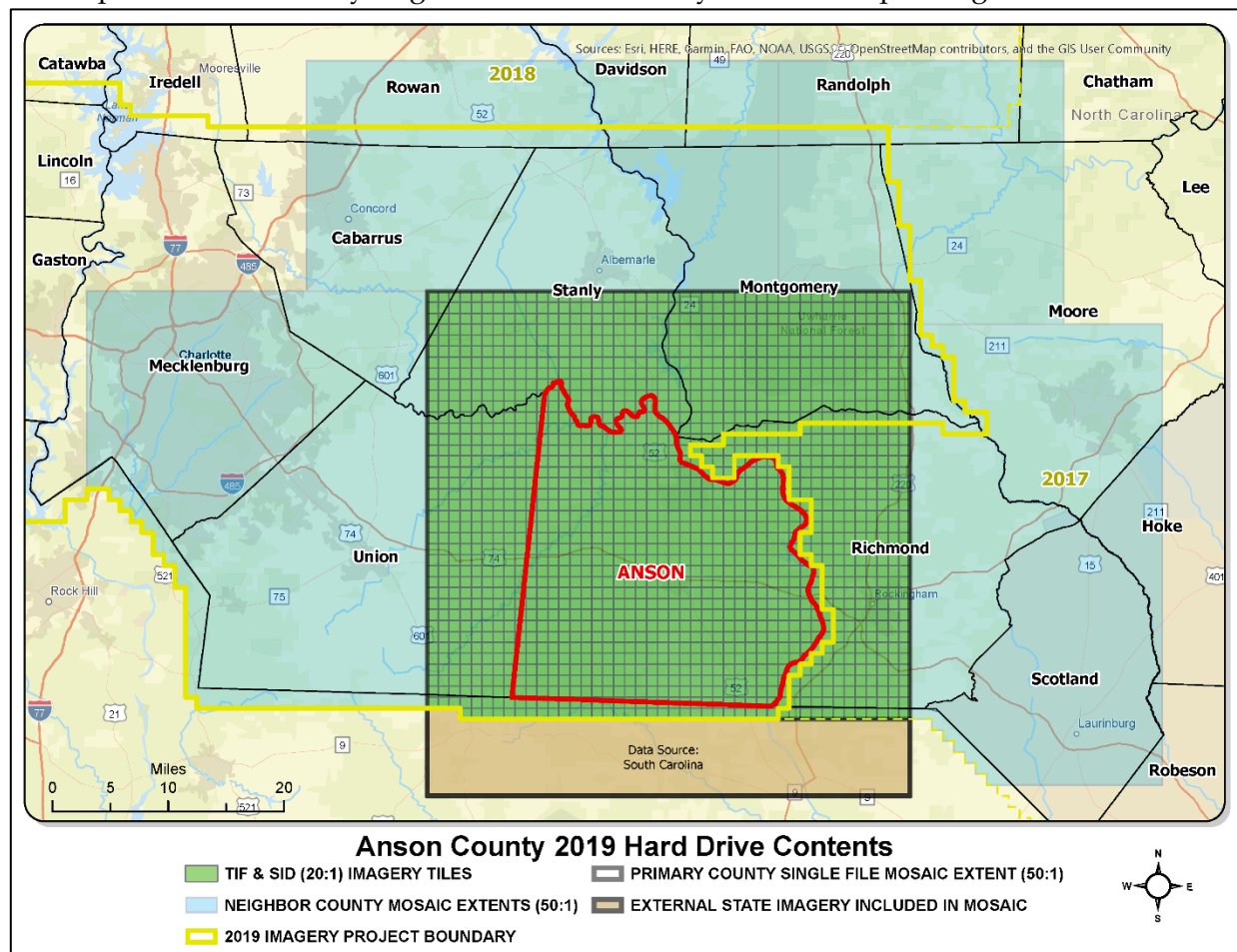


Figure 6: Extent of all products delivered to Anson County in 2019.

cellular tower is located that is used to route that call. Having these requirements in place ensures each PSAP receives the coverage necessary to respond to any emergencies even if they fall outside their respective county boundary.

CGIA makes every effort to stay up to date with the latest technology trends in imagery collection and processing techniques to assess the potential for improvements to the project timeline. A new approach was started with the 2021 project to take advantage of cloud computing capabilities. CGIA recently migrated to an Amazon Web Services (AWS) cloud server which allowed for quicker processing of the final imagery products, as well as the ability for the acquisition contractors to directly upload their final deliveries to the server instead of mailing hard drives as in past projects. This allowed for delivery of the final imagery drives to the 911 Board in early November, which is more than a month earlier than any previous project. The project team continues to look for efficiencies and ways to automate processes to deliver these products as early as possible without sacrificing the high level of quality expected. These cloud computing capabilities will allow the Phase 3 and Phase 4 project timelines to continue to deliver products in November, even with the later acquisition of the imagery in the mountain regions.

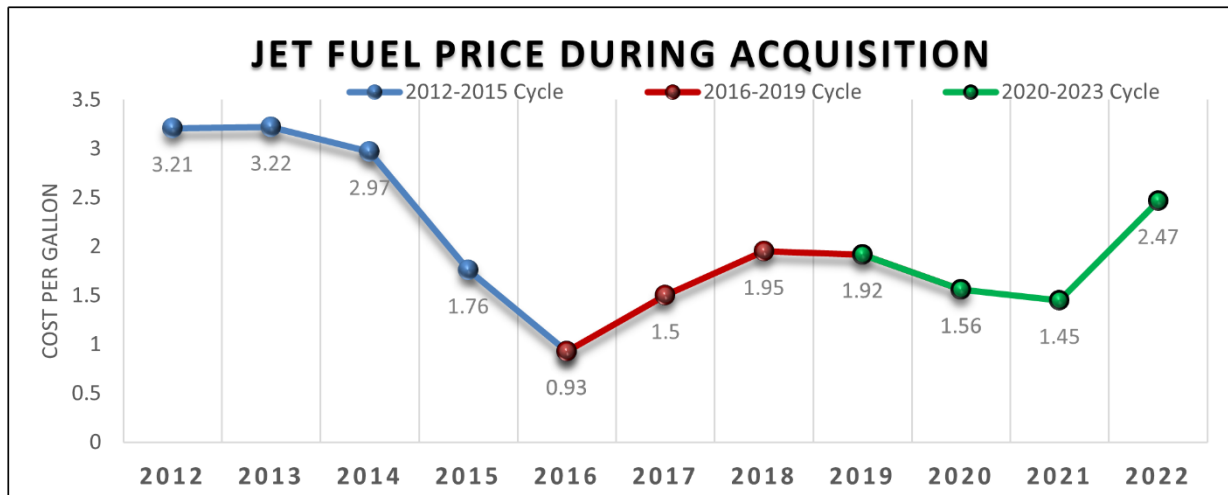


Figure 7: Jet Fuel Price Analysis

Costing Approach

Over seventy-five percent of the proposed project budget is dedicated for contracting with private firms to fly the aircraft and produce the imagery. CGIA places a major emphasis on analyzing multiple factors that go into the contractor costs for each project. The makeup of the project area directly impacts the expected costs due to several factors. The degree of elevation change, especially in the western mountains, and amount of built-up urban areas all directly impact the cost to acquire and process imagery. The project team factors in all these variables as part of a detailed cost analysis, along with economic factors, such as overall inflation and the cost of jet fuel when budgeting for each phase. Figure 7 shows the variability in jet fuel prices for the acquisition season in each project year over the life of the program. This cost has a major impact on the cost of contracting for the project and is one factor that the project team closely monitors.

Each subsequent project budget builds on the savings realized by the previous projects because the project team analyzes the trends and adjusts the budget forecasting. Figure 8 demonstrates how the overall 2020 through 2023 trend line continues to adjust as each project's actual costs are realized. If current budget trends continue through the full four-year cycle, the program will save over \$1.5 million from the four-year budget that the board approved in early 2019. The proposed 2023 budget alone is at least \$250,000 under that approved four-year cycle.

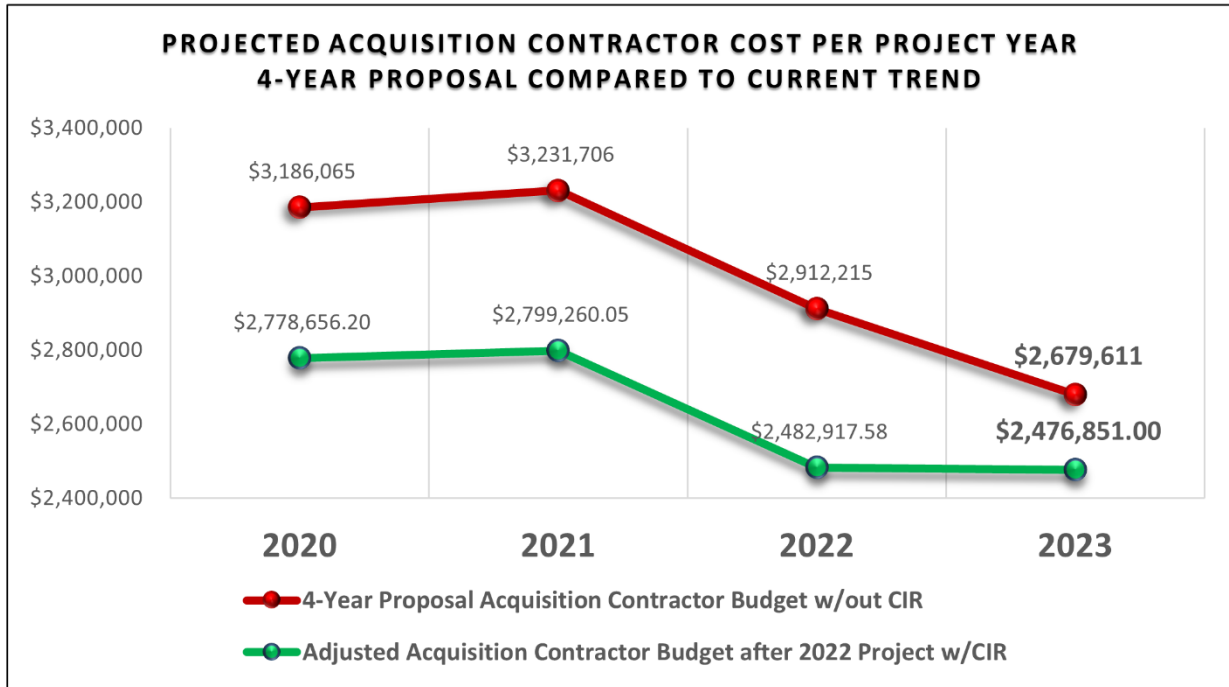


Figure 8: Adjusted Acquisition Contractor Budgets from Approved 4-Year Proposal

Overall, CGIA takes great care to ensure the NC 911 Board funds are spent efficiently to produce the highest-quality product possible. Each project since 2012 has been delivered on time and under budget. The 2012 through 2015 statewide orthoimagery cycle was completed with a savings to the Board of \$1,353,723 below the combined budget totals from each project. The 2016 through 2019 statewide orthoimagery cycle was completed with a savings of \$2,171,342 under the combined project budgets over the four years. CGIA and the project team continue to improve upon processes and timelines to maintain this trend for future efforts.

Level of Effort and Cost

The table below provides the level of effort required to complete the 2023 project based on the set of tasks outlined in the scope of work. This proposed total project cost is \$269,938 lower than this phase's cost in the approved four-year proposal from early 2019.

Item	Phase 4
CGIA Labor	\$350,000
Private Contractors	\$2,476,851
Information Technology	\$15,000
NCDOT-Photogrammetry	\$155,000
NCDPS-NC Geodetic Survey	\$205,000
VOICE (QC Service Provider)	\$75,000
Travel and Miscellaneous	\$7,000
NC DNCR Archives	\$40,000
Total	\$3,323,851

Table 3: Budget.

Assumptions

- CGIA Labor line item is calculated at the current rate of \$130 per hour. If the CGIA labor rate changes, the change would begin July 1, 2022. It is unknown at the time of this proposal if the labor rate will change or what that change could be.
- Information Technology line-item cost includes hardware for processing and delivering final products to all Primary PSAPs in the project area.
- The Virtual Online Inspection, Checking and Editing (VOICE) application used for the past two cycles will be continued.
- Storage costs associated with State Archives data retention remain consistent with past cycles.

Schedule

Table 4 outlines the schedule for the fourth and final phase of the orthoimagery cycle. It assumes that approval to proceed is granted by the NC 911 Board in May 2022.

Task	Begin	End
1: Qualifications-Based Selection and Procurement	July 2022	December 2022
2: Imagery Acquisition and Production	February 2023	July 2023
3: Quality Control	July 2023	November 2023
4: Delivery	November 2023	November 2023
5: Project Closeout	January 2024	April 2024

Table 4: Project Schedule for Phase 4



Figure 9: Expedited Orthoimagery Project Lifecycle

Scope of Work

The scope of work consists of five distinct tasks performed by a combination of the state project team and private sector contractors.

Task 1: Qualifications-Based Selection and Procurement (July – December 2022)

The purpose of this task is to develop contracts with public and private sector project partners and to begin other administrative tasks in preparation for orthoimagery acquisition. Specific activities under this task include:

1. Develop a statement of work, develop and execute a contract between CGIA and the NC 911 Board, and develop contracts between CGIA and the NCDOT Photogrammetry Unit and the NCDPS-NC Geodetic Survey, respectively.
2. Develop and release an RFQ and manage a QBS process for qualifying private sector contractors.
3. Select private sector contractors as a result of the QBS process and negotiate actual cost.
4. Initiate project planning, meet with project partners, and begin outreach activities with stakeholders.
5. Conduct kickoff and planning workshops with all applicable parties including project partners, contractors, and the Geographic Information Coordinating Council, Working Group for Orthoimagery and Elevation.
6. Develop core data required to support the project, develop project websites, initiate open lines of communication, and implement the project SharePoint site.
7. Finalize extents and requirements for 'true orthoimagery' development process in built-up urban areas in the project area to facilitate contract requirements for private sector contractors.

Deliverables:

- Contract between CGIA and the NC 911 Board
- Contracts between CGIA and NCDOT Photogrammetry and NCDPS-NC Geodetic Survey
- Contracts between CGIA and private sector contractors

- Project website and project SharePoint site

Task 2: Imagery Acquisition and Production (January – July 2023)

The purpose of this task is to acquire leaf-off imagery and to perform and document all post-processing activities prior to product delivery. Prior to the flying season, the team must plan the technical details of the project, finalize technical requirements, and develop, engage, review, and approve quality compliance documentation. The flying season is driven by sun angle and vegetation per the *North Carolina Technical Specifications for Digital Orthophoto Base Mapping*, the state standard. The goals are to minimize shadows, snow, and vegetative cover that would obscure infrastructure. CGIA and the state project team, including NCDOT, NC Secretary of State, and NCDPS-NC Geodetic Survey, mandates adherence by subcontractors to the *North Carolina Technical Specifications for Digital Orthophoto Base Mapping* and invests a detailed focus on photogrammetric compliance. Specific activities under this task include:

1. Acquisition Planning. Validate digital sensors using NC's validation range and procedures. Produce and review and finalize detailed flight plans. Design and implement ground control and survey planning.
2. Review planning compliance documentation.
3. Finalize imagery specifications to facilitate consistent radiometric deliverables across varying land classifications and contractor study areas.
4. Conduct flights, acquire orthoimagery, and verify images captured meet state specifications.
5. Perform all post processing activities required to develop a tile-based orthorectified product.
6. Deliver acceptance documentation for acquisition and all post processing submittals.
7. Develop and procure agreement with the VOICE quality control application contractor.
8. Quality Control Application: Update the VOICE application based on the previous projects' user experience. The VOICE application receives the delivery of orthoimagery tiles and facilitates three levels of visual quality control (Levels 2-4 where Level 2 is a 30% quality review by NCDOT, Level 3 is a 5% review by CGIA, and Level 4 is an independent review by PSAP and local government end-users).
9. Confirm software readiness to support quality review process. Acquire hardware to facilitate receipt of processed data. Plan hosting services and software updates to accommodate online access to imagery.
10. Outreach: Perform outreach and conduct training programs for PSAPs and local government points of contact to perform quality review during the Production stage. CGIA will work with the NC 911 Board to identify the appropriate contacts.

Deliverables:

- Detailed requirements for imagery products
- Quality Review Training programs

- Reports verifying images captured meet state specifications

Assumptions

- To account for weather and leaf-off conditions, flight terms vary depending on geographic areas.

Task 3: Quality Control (July – November 2023)

The purpose of this task is to perform the following four primary tasks:

- Complete a full circle quality review on the image deliverable product (including review, issues submittal, resolution, resolution submittal review, and signoff).
- Develop secondary image format of 3-band (RGB) images after satisfactory signoff and delivery of the TIFF product.
- Develop additional imagery products of false-color color infrared images from delivered TIFF product.
- Implement Cloud hosting services and initiate data loading onto NC OneMap.
- Open communications for final delivery.

Specific activities under this task include:

1. Finalize and secure Cloud hosting services and perform initial image data loading onto servers.
2. Conduct Level 1 quality review by imagery processing contractors to assure the imagery meets state specifications and is free of systematic error or systematic visual quality issues and to verify the quality and completeness of the product.
3. Conduct Level 2-4 quality review through the VOICE application, identify valid issues, and submit and receive revised imagery from imagery processing contractors.
4. Develop a MrSID format 20:1 compression file for each 3-band (RGB) tile in the county and a 50:1 compression format that represents an entire county mosaic. CGIA will request feedback from PSAP and local government end-users to determine exceptions to the delivered compression format.
5. Develop a MrSID format 20:1 compression file for each 4-band (CIR) tile in the county and a 50:1 compression format that represents an entire county mosaic of the CIR product.
6. Complete horizontal quality control and review process.
7. Work with Primary PSAP contacts to set and schedule November delivery meetings.
8. Package imagery products on portable disk drives to include delivery of final imagery in GeoTIFF format, MrSID compressed format, metadata, and other applicable documentation. This also includes the logistics to maintain master copies of the GeoTIFF tiles, MrSID tiles and mosaics, finalize metadata files, assemble neighbor imagery, and collect other applicable data relevant to the primary county.

Deliverables:

- Quality control reports per county

Assumptions

- GeoTIFF product release by the processing contractor(s) will occur no later than seven months after completion of flights.
- The Public Safety Answering Points and the local government GIS representatives perform early quality review of the product as part of the Level 4 quality review through the VOICE application.

Task 4: Implementation (November 2023 – February 2024)

The purpose of this task is to deliver the final orthoimagery product to each PSAP including prior phase data as well as imagery seven miles into Georgia, South Carolina, and Tennessee, implement release of data on NC OneMap, and evaluate each county's quality review (60-day evaluation period). Delivery of the final orthoimagery products will be coordinated with PSAPs and the NC 911 Board to determine the best method for distribution.

1. Product Delivery: This task includes the distribution of data to each PSAP, either by in-person regional deliveries, by mail, or by digital dissemination.
2. NC OneMap Implementation: CGIA will load the imagery into the NC OneMap database for public access as imagery services and as downloadable compressed imagery. The storage and maintenance will be continuous through the four cycles of quarter-state imagery acquisition.
3. 60-Day Evaluation: Each PSAP and county GIS office will evaluate the delivered product(s) during a period of 60 days to validate completeness or defectiveness or the existence of quality issues. CGIA will work with PSAPs to deliver exceptions and/or resolve outstanding data with contractors.

Deliverables:

- Final orthoimagery in GeoTIFF and MrSID formats
- NC OneMap release

Assumptions

- States of Georgia, South Carolina, and Tennessee will supply data either directly or through their respective county governments

Task 5: Project Closeout (February – April 2024)

The purpose of this task is to perform project management and other activities relevant to project closeout and procurement. This includes evaluating final contractor invoices and issuing final payment after state acceptance of all deliverables. This task also involves resolving and accepting final delivery of outstanding documentation, including final and lessons learned reports by acquisition contractors, to finalize contractor performance evaluations, conclude contractor agreements, to develop and deliver the final project report, and to perform project management closeout.

Deliverables:

- Final Report

Summary of DeliverablesTechnical

1. Orthoimagery, true color RGB with 0.5-foot resolution in 5,000 by 5,000-foot tiles (equivalent to a mapping scale of 1 inch – 200 feet) in GeoTIFF and MrSID (20:1 compression ratio) formats, as well as a derived single file per county MrSID mosaic (50:1 compression ratio) format.
2. Orthoimagery, false color CIR with 0.5-foot resolution in 5,000 by 5,000-foot tiles (equivalent to a mapping scale of 1 inch – 200 feet) in GeoTIFF and MrSID (20:1 compression ratio) formats, as well as a derived single file per county MrSID mosaic (50:1 compression ratio) format.
3. Imagery will be consistent with the *North Carolina Technical Specifications for Digital Orthophoto Base Mapping*, Land Records Management Section, North Carolina Department of the Secretary of State.
4. Metadata in txt, HTML, and XML for (one record per format per county)
5. Statewide and county tile index
6. Elevation data if modified
7. NC OneMap image services

Reports and Requirements

1. Weekly status meeting minutes and contractors' status reports
2. Monthly invoicing, status, accomplishments, and plans
3. Distribution schedules
4. Reports include Flight Planning, Survey Control, Imagery Acquisition Compliance, Exploitation Image Post Processing, Airborne GPS Post Processing, Aerotriangulation, Orthoimagery Delivery, Quality Review Resolutions and Final Report.

Tab 5 h)

Legal Brief

Amanda Reeder

Tab 6

Executive Committee Report

Jeff Shipp

Tab 7

Education Committee Report

Chuck Greene

Tab 7 a)

Recruitment Campaign –

Public Service Announcement

Angie Turbeville

Pilot Program Impacts

Recruitment
Public Safety
Announcement
Campaign



NCDIT | NORTH CAROLINA
DEPARTMENT OF
INFORMATION
TECHNOLOGY
North Carolina 911 Board
it.nc.gov/911careers

GREAT
BENEFITS

Campaign Overview

- NC 911 Board partnered with Spectrum Reach to produce a Recruitment Public Service Announcement (PSA).
- Recruitment webpage was developed by NC DIT Communications to point interested applicants to the PSAP in their desired locality.
 - All PSAPs primary and secondary were listed on the website.
 - PSA shown on website
- Spectrum Reach produced the video at no cost due to video footage shot locally at Johnston County 911 and the City of Durham's 911 Center.
- Total project budget \$15,000 solely for campaign airings.

Durham (RLDU) Zone - 0664



Demographics	
Current UE	116,827
Median Age	38
% Female	52%
Median HH Income	\$62,092
Bachelor's Degree +	41%
Owner-occupied	54%
Caucasian	59%
African American	33%

Zone Cities and Zips			
27231	Cedar Grove	27703	Durham
27243	Efland	27704	Durham
27278	Hillsborough	27882	Spring Hope
27312	Pittsboro	27537	Henderson
27503	Bahama	27809	Battleboro
27508	Bunn	27508	Bunn
27509	Butner	27553	Manson
27510	Carrboro	27803	Rocky Mount
27514	Chapel Hill	27850	Littleton
27516	Chapel Hill	27278	Hillsborough
27517	Chapel Hill	27701	Durham
27522	Creedmoor	27599	Chapel Hill
27536	Henderson	27503	Bahama
27537	Henderson	27856	Nashville
27544	Kittrell	27707	Durham
27549	Louisburg	27713	Durham
27553	Manson	27514	Chapel Hill
27581	Stem	27712	Durham
27589	Warrenton	27589	Warrenton
27599	Chapel Hill	27042	Efland
27701	Durham		

Networks	
A&E, AHC, AMC, ANP, BBCA, BET, BRVO, BTN, BLOOM, COOK, CMDY, CMT, CNBC, CNN, CNNE, DISC, DIY, DXD, EI, ENN, ESPNC, ESPNU, ESPN2, ESPN, ESPND, FOXB, FOOD, FOXD, FREE, FS1, FS2, FSSO, FX, FXNC, FXX, FYI, GALA, GOLF, GAME, HALL, HGTV, HIST, HISTE, HLN, ID, LIFE, LMN, LRW, MSNBC, MTV, MTV2, NBCS, NFL, NATG, NICK, OUTD, OWN, OXYG, PARA, SCI, SEC, SYFY, TBS, TLC, TNT, TOON, TR3S, TRAV, Tru, TVL, TWC, USA, VH1, VICE, WE, Spectrum News	

Spectrum Reach Campaign

September 6, 2021 – November 7, 2021

CAMPAIGN METRICS

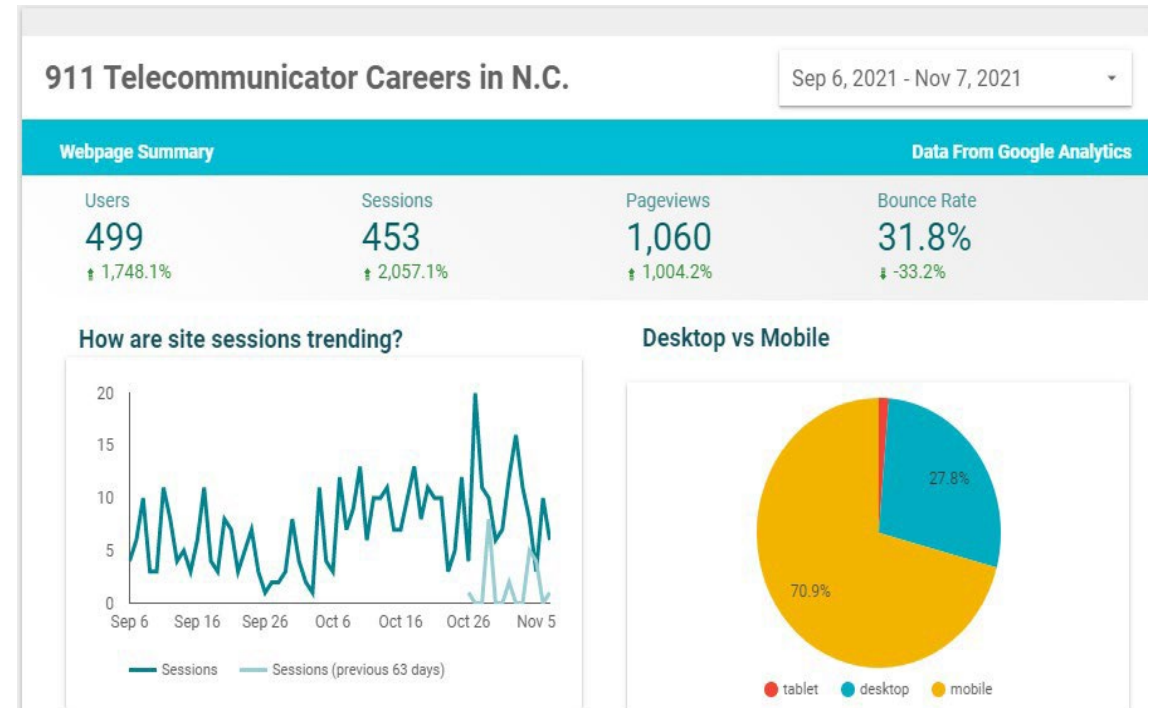
- 6,837 (paid) airings
- Bonus (additional) airings to what is reported and billed – 1,900 commercials
- **Total airings – 8,737 commercials**

TOP NETWORKS

- 49 Networks
- Spectrum News – 559 commercials
- Lifetime Movie Network (LMN)– 548
- BET – 525
- MTV – 411
- OWN - 367

Spectrum Reach and Website Analytics

- Between 09/06/2021 - 11/07/2021, 499 users accessed the site for 453 sessions with a bounce rate of 31.8%.
- Organic Search drove 57.8% of the overall sessions during this time
- The cable campaign helped increase organic search traffic by **73.5% during the TV flight.**
- **All 126** Primary and Secondary PSAPs including the Eastern Band of Cherokee's recruitment website was accessed during the campaign.



PSAP Impacts – Application Intake

PSAP	Average # of annual applications	Average # of Monthly Applications	Applications Received during the Campaign (2 months)	Monthly Percentage Increase during the Campaign	Additional Information
Franklin County 911	50	4	25	68%	Shared video on social media received multiple likes and shares.
Rocky Mount Police	300	25	150	66%	Received some applications out of the normal area.
Orange County 911	250	20	73	45%	Shared video on social media - immediately shared and numerous public comments.
Durham Emergency Comm.	907	91	493	43%	
Chatham County 911	70	6	6	0%	No recruitment during campaign.
Halifax County	15	2	4	0%	Invited to a job fair in January as a result of the PSA.
Nash County 911	100	30	0	0%	No recruitment during campaign; Did receive job inquiries.

ROI – Effectiveness of the Pilot Program

1. Increase in Number of Applications – Most PSAPs in the pilot program who were actively recruiting saw an increase in applications.
2. Social Media Impacts – PSAPs reporting multiple hits, shares and likes.
3. Website Analytics – Reporting high traffic with the source coming from direct and organic search.
 - Direct – Interested party directly went to the site by typing the URL.
 - Organic Search – PSA pushed interested party to website to find out more information.
4. Increased Awareness of Job Opportunity – PSAP invited to job fair.

Next Steps:



NC911 Version 2

NCDIT NORTH CAROLINA
DEPARTMENT OF
INFORMATION
TECHNOLOGY

North Carolina 911 Board

it.nc.gov/911careers

STABLE
EMPLOYMENT

Tab 7 b)

General Committee Report

Tab 8

Funding Committee Report

David Bone

Tab 8 a)

**City of Jacksonville Funding
Reconsideration Request**

(Roll Call Vote Required)



City of Jacksonville, NC
Public Safety

PO Drawer 436 • Jacksonville, NC • 28541-0128 • 910 455-1472 • fx 910 455-9987
An internationally accredited Fire Service and Law Enforcement Agency



Public Safety Director, Michael G. Yaniero

February 25, 2022

Ms. L.V. Pokey Harris MPA, ENP
Executive Director
North Carolina 911 Board
North Carolina Department of Technology

Dear Director Harris,

In reference to your letter for the City of Jacksonville's PSAP Estimated Funding Distribution of FY2023 dated December 28, 2021. In the letter, you estimated our annual distribution to be \$56,203.36 for FY2023, which is a significant reduction from the current distribution of \$498,454.09 in FY2022. The Jacksonville Department of Public Safety would respectfully request that our distribution not be reduced for FY2023 for the following reasons:

1. The City of Jacksonville has entered into an interlocal agreement with Onslow County to purchase a new regional Motorola CAD System. Based upon the estimates, which were provided by the 911 Board Staff, Onslow County, and Motorola, the City of Jacksonville's portion for the new system would be \$379,029.00.
2. As part of the integration of this regional CAD System, the City of Jacksonville will be changing from the current Powerphone System to Priority One Protocol system in order to provide better consistency when dispatching first responders in our region. The cost of the new software will be \$98,044.80.
3. The City of Jacksonville will also be upgrading the current communication recording system. The City of Jacksonville and Onslow County communication recording systems are connected to provide redundancy in the event of a failure of one of the recorders. The current cost of the upgrade will be \$87,445.00.

In order to meet these obligations and in order to provide the most effective and efficient emergency service to our community, the Jacksonville Department of Public Safety requests that our distribution not be reduced.

Sincerely,

Michael Yaniero
Director of Public Safety

Cc: Chief Information Officer Terrance Braxton
Deputy City Manager Ron Massey

Reconsideration will not be processed without the information requested below:

1. All requests for review must be submitted electronically using this form in Microsoft Excel format.
2. Additional documentation must be submitted in Microsoft Word or Adobe PDF format.
3. All requests must be supported with documentation clearly indicating the cost being claimed, e.g. recent past invoices for recurring monthly charges and copies of either RFPs or contracts for proposed new expenditures.

4. Include justification answering the following questions:

- a) The new funding model is based upon actual expenses: please explain why do you need additional expenses?

Our CAD system does not meet our needs and will be replaced in FY23. We also need to purchase new dispatch protocols, recorder, and upgrade all existing consoles per our technology plan. The demand for services continues to grow in the City of Jacksonville. We anticipate adding an additional console in 2023 to meet those demands.

- b) If your requests are based upon capital expenditures for the next year, have you considered a grant from the 911 Board for the program?

We applied and were awarded a grant from the 911 board in conjunction with Onslow County.

- c) Please explain how the additional funding will improve your efficiency for delivering 911 services.

Rapid advances in computer aided dispatch (CAD) have placed increased pressure on agencies to upgrade their computer systems in order to maintain the productivity levels. The current systems implemented in 2008, is on the verge of complete obsolescence. The Jacksonville Police Department's current systems still functions, but the continuing software improvements needed to address the changing fire and law enforcement practices and functions will become unavailable after this year. This replacement of the current CAD expects that first responders will save time in order to improve the response times for our citizens. We are working with Onslow County to take a regional approach towards CAD. The City has entered into an interlocal agreement with Onslow County to purchase a new regional Motorola CAD system. As part of the integration of this regional CAD system, the City will be changing from the current Powerphone system to Priority One Protocol system in order to provide better consistency when dispatching first responders in our region. Additionally, the City will also be upgrading the current communication recording system. The City of Jacksonville and Onslow County communication recording systems are connected to provide redundancy in the event of a failure of one of the recorders.

5. Please explain in detail how the current fund balance will be used to offset increases in expenses.

all fund balance will be depleted in FY23

6. Complete time line of completion for capital expenses.

estimated completion date October 2022

7. Provide 5 year technology plan.

5 year technology plan is attached

8. FY2023 Itemized Budget Detail must be provided.

attached

****Expenses listed on reconsideration follow the same guidelines as the Revenue-Expenditure report. If questions on whether the expense is eligible, please review the "Approved Use of Funds List" located on the Board website at www.nc911.nc.gov.**

TEMPLATE

FY2023 Funding Reconsideration Worksheet:

PSAP Name:

City of Jacksonville

FY2022 Estimated Ending Fund Balance	\$272,913.60
PSAP Estimated Funding Distribution Before Reduction for FY2023	\$220,953.45
Amount Reduced for Exceeding Carryforward	\$164,749.89
Total Available for FY2023 Operations/Capital	\$329,117.16
Approved Budgeted Operational for FY2023	\$192,657.00
Approved Budgeted Capital for FY2023	\$555,529.00
Total Remaining Fund Balance for Use:	<u><u>-\$419,068.84</u></u>

North Carolina 911 Board

PSAP Name: City of Jacksonville
 Contact Name: Michael Yaniero
 Contact Address: 815 New Bridge St
 City: Jacksonville
 Zip: 28540
 Contact Email: myaniero@jacksonvillenc.gov

Instructions: All requests for review of PSAP Distribution amount must use this form with each request. Please do not change block descriptors, formulas or formatting.
*****SEE INSTRUCTIONS tab for further requirements***** All requests are due by February 28, 2022. Email this form and all supporting documentation to your Regional Coordinator.

FY2022 Emergency Telephone System Fund Balance: 272,913.60

	FY2023 Requested Increase Amount ONE-TIME Capital Purchase Cost	FY2023 Requested Increase Amount Recurring MONTHLY Cost	FY2023 Requested Increase Amount Recurring ANNUAL Cost	Comments
SOFTWARE				
CAD (modules that are part of the call-taking process only)	106,115.40			Eligible amount of CAD after applying remaining fund balance to the purchase.
GIS (to create and display the base map showing street centerlines and address, address point layer)				
Voice Logging Recorder	87,445.00			Eligible amount for Voice Logging Recorders
Time Synchronization				
Dispatch Protocols (Law, Fire, Medical)	89,055.00			Eligible amount for EFD Protocol implementation for 6 positions
ALI Database software				
Software Licensing				
Radio console software. Some Radio console software will include many additional modules that are not a part of the 911 process and are not eligible.				
Console Audio Box (CAB) software				
Paging software (to send call from CAD to first responder pager or mobile phone)				

Computer Aided Dispatch (CAD) to Computer Aided Dispatch (CAD) interface software (sending CAD info to another PSAP for dispatch)			
Automated digital voice dispatching software			
Software Maintenance			
TOTAL	\$282,615.40	\$0.00	\$0.00

List expenditures to be applied to fund balance and submit quotes or invoices for review.:

FY2022 Ending Fund balance Available for Use	\$272,913.60
Expenses applied to fund balance:	
CAD	\$ 272,913.60
Total remaining Fund balance:	\$0.00

Items below this cell are to be completed by 911 Board Staff

Estimated FY2023 FUNDING Distribution	\$56,203.36
FY2023 Anticipated Capital Expenditures	\$282,615.40
FY2023 Anticipated Monthly Recurring	\$0.00
FY2023 Anticipated Annual Recurring	\$0.00
Requested Amount to Not be Reduced for FY2023	\$164,749.89
Requested FY2023 Funding	\$503,568.65

Reconsideration requested amount to include reduced amount of \$164,749.89 and additional for capital expenditures in the amount of \$282,615.40 for FY2023: \$447,365.29

ACCOUNT NUMBER	ACCOUNT DESCRIPTION	DEPT REQUEST FY23	
E-911			
244-5106-432.11-01	Telephone	29,700	
LEVEL	TEXT		TEXT AMT
DR23	**DEPARTMENTAL REQUEST**		
	PROVIDED BY FINANCE		
	CENTURLINK ANI/ALI (\$2,275 X 12)		27,300
	ITS RALEIGH ADMIN (\$200) X 12		2,400
			29,700
244-5106-432.18-01	Department specific	2,600	
LEVEL	TEXT		TEXT AMT
DR23	**DEPARTMENT REQUEST**		
	US DIGITAL DESIGNS		2,600
			2,600
244-5106-432.18-03	ITS Specific	533,609	
LEVEL	TEXT		TEXT AMT
DR23	**DEPARTMENTAL REQUEST**		
	EVENTIDE RECORDER (CAROLINA RECORDING)		17,800
	POWERPHONE		5,700
	CAD AGREEMENT WITH COUNTY		379,029
	PRIORITY DISPATCH		89,055
	SYSTEL		2,100
	30% SHARE OF ESRI INVOICE		15,300
	CENTRAL SQUARE (6MTH RENEWAL)		24,625
			533,609
244-5106-432.23-01	Training employees	15,000	
LEVEL	TEXT		TEXT AMT
DR23	**DEPARTMENTAL REQUEST**		
	APCO TRAINING		15,000
			15,000
244-5106-433.41-01	Maintenance bldgs & equip	1,000	
LEVEL	TEXT		TEXT AMT
DR23	MOBILE COMMUNICATIONS CONSOLE MAINT		1,000
			1,000
244-5106-433.42-01	Payments to Onslow County	62,501	
LEVEL	TEXT		TEXT AMT
DR23	**DEPARTMENTAL REQUEST**		

(E911)

ACCOUNT NUMBER	ACCOUNT DESCRIPTION	DEPT REQUEST FY23	
E-911			
	DEBT SERVICE RADIO EXPENDITURE FOR RADIO CONSOLES		62,501
	PAID ANNUALLY TO ONSLOW COUNTY		62,501
244-5106-433.53-01	Allocation to E911	12,000	
LEVEL	TEXT		TEXT AMT
DR23	**DEPARTMENTAL REQUEST**		
	IN-HOUSE GIS ELIGIBLE SUPPORT FROM ITS		5,000
	IN-HOUSE ITS HELPDESK TICKET SUPPORT		7,000
			12,000
244-5106-434.60-00	Non-capital equipment	2,000	
LEVEL	TEXT		TEXT AMT
DR23	**DEPARTMENTAL REQUEST**		
	OFFICE CHAIRS;HEADSETS		2,000
			2,000
244-5106-434.60-01	Information Technology Eq	2,331	
LEVEL	TEXT		TEXT AMT
DR23	*** DEPARTMENTAL REQUEST ***		
	CAD KEY/MOUSE		1,106
	RADIO KEY/MOUSE		518
	TELEPHONE KEY/MOUSE		518
	CAD SPEAKERS		189
			2,331
244-5106-435.74-04	Equipment	87,445	
LEVEL	TEXT		TEXT AMT
DR23	**DEPARTMENT REQUEST**		
	CAROLINA RECORDING SYSTEMS RECORDER UPGRADE		87,445
			87,445
* E-911		----- 748,186 -----	
		748,186	



QUOTE

110 Regent Street, Suite 500
 Salt Lake City, UT 84111
 USA
www.prioritydispatch.net
 Prepared By: Tony Guido
 Phone: (800) 363-9127
 Direct:
 Email: tony.guido@prioritydispatch.net

Agency: Jacksonville Police Department
 Agency ID#: 11621
 Quote #: Q-55249
 Date: 11/29/2021
 Offer Valid Through: 3/31/2022
 Payment Terms: Net 30
 Currency: USD

Bill To:
 Jacksonville Police Department
 200 Marine Blvd
 Jacksonville, North Carolina 28540
 United States

Ship To:
 Jacksonville Police Department
 206 Marine Blvd
 Jacksonville, North Carolina 28540
 United States

Product	Qty	Amount
✓ ProQA Fire Software Licenses Automated calltaking software	8	USD 32,000.00
✓ ProQA Fire Training Software Licenses Training, non-live calltaking software	2	USD 4,000.00
✓ ProQA Fire Backup Software Licenses Offsite, backup location software	1	USD 800.00
? AQUA Case Review Software for EFD Quality Assurance (case review) software base engine and discipline module	2	USD 3,500.00
✓ FPDS Backup Cardset License Licensed manual protocol set for backup	8	USD 3,960.00
FPDS Quality Assurance Guide Quality Assurance Guide for training and case review only	4	USD 0.00
FPDS Mobile App Field Responder Guide Smartphone-based field reference guide for responders	100	USD 0.00
✓ XLerator Client Server Suite Client server software application suite	1	USD 4,500.00
? Implementation Support Package for EFD Implementation support and quality management program development	1	USD 30,000.00
✓ Protocol Training and Certification for EFD Materials, tuition and certification	30	USD 10,950.00
? Remote ProQA Software Training - F Per person cost for four hours of ProQA software training completed in a virtual, instructor-led environment	30	USD 4,470.00
? ED-Q Training and Certification for EFD Materials, tuition and certification (2 days, 16 hours)	4	USD 2,200.00
? Remote AQUA Software Training - F Per person cost for eight hours of AQUA software training completed in a virtual, instructor-led environment	4	USD 796.00
? Remote Software Installation/Update - F Software installation or update completed remotely by Priority Dispatch	1	USD 500.00

"To lead the creation of meaningful change in public safety and health."

Product	Qty	Amount
Remote System Administration Training Per person cost for training for center management detailing program configuration and customization options, completed in a virtual, instructor-led environment	3	USD 0.00
Remote ProQA & AQUA Reports Training Per person cost for four hours of training for administrators, managers and supervisors on the configuration and customization options in ProQA and AQUA, completed in a virtual, instructor-led environment	4	USD 596.00
Priority Dispatch System ESP EFD License Renewal, Service & Support for ProQA, AQUA, Cardsets, Tech Support and Upgrades	8	USD 9,600.00
NC State Contract 10% Discount	1	USD -9,827.20
Initial Fire Implementation TOTAL:		USD 98,044.80

Product	Qty	Amount
Priority Dispatch System ESP EFD License Renewal, Service & Support for ProQA, AQUA, Cardsets, Tech Support and Upgrades	8	USD 9,600.00
Year 2 Annual Maintenance TOTAL:		USD 9,600.00

Product	Qty	Amount
Priority Dispatch System ESP EFD License Renewal, Service & Support for ProQA, AQUA, Cardsets, Tech Support and Upgrades	8	USD 9,600.00
Year 3 Annual Maintenance TOTAL:		USD 9,600.00

Product	Qty	Amount
Priority Dispatch System ESP EFD License Renewal, Service & Support for ProQA, AQUA, Cardsets, Tech Support and Upgrades	8	USD 9,600.00
Year 4 Annual Maintenance TOTAL:		USD 9,600.00

"To lead the creation of meaningful change in public safety and health."

Primary Site Recorder

Product Details	Quantity	Unit Price	Ext. Price
NexLog740DX NexLog 740 DX-Series base system: 3U rack-mountable, Core i5 CPU, 16GB DDR4 RAM, 2 Network Ports (100/1000), Embedded Linux, NexLog DX-Series software, web- based configuration manager.	1	\$8,750.00	\$8,750.00
DX701 Integrated 7" Color LCD Touch Screen Display for NexLog 740 DX	1	\$1,750.00	\$1,750.00
DX730 Standard NexLog 740 DX-Series Archive: 1 Blu-ray Drive (also supports single-side DVD-RAM media)	1	\$0.00	\$0.00
324430 Rack Mount Slides - 4 Post, 3U (for NexLog 740DX)	1	\$360.00	\$360.00
DX712 Upgrade NexLog 740 DX-Series (at time of order) to 4x4TB HotSwap RAID5=12TB storage	1	\$7,190.00	\$7,190.00
DXANA16 16-Channel Analog PCIe (PCI Express) Card, 16 Ch. Licenses	1	\$4,400.00	\$4,400.00
109033-003 Quick Install Kit (9 ft. Amphenol Cable + "66" Block)	1	\$220.00	\$220.00
271052 Internal IP Recorder with First 8 G.711 Channels	1	\$3,850.00	\$3,850.00
271035 Additional Internal IP G.711 8-Channel license pack	4	\$1,750.00	\$7,000.00
DX755 Quad Port 100/1000 PCIe (PCI Express) Network Card (for NexLog 740 DX-Series recorder only)	1	\$1,440.00	\$1,440.00
271140 Eventide Interface license (audio) for Motorola VESTA 911 (and Motorola CallWorks) IP/SPAN Recording	1	\$2,700.00	\$2,700.00
DX902 Solacom/Motorola-Vesta i3 Data Handling/SMS recording License (DX environments, not compatible with 271174)	1	\$4,795.00	\$4,795.00
209029 911 NENA ANI/ALI CAD Spill Integration - USA/Canada only	1	\$1,995.00	\$1,995.00
271070 Windows Screen Recording (First 5 PCs on recorder)	1	\$2,750.00	\$2,750.00
271076 Windows Screen Recording (5 additional PCs on recorder)	1	\$550.00	\$550.00
DX906 Sungard CAD Integration	1	\$5,000.00	\$5,000.00
271077 Quality Assurance DX Software (Quality Factor): FIRST 20 Agents (Requires MediaWorks Plus/DX)	1	\$2,750.00	\$2,750.00
271082 Quality Assurance DX Software (Quality Factor): 20 Agent ADD-ON license pack	1	\$2,150.00	\$2,150.00

Primary Site Recorder

Product Details	Quantity	Unit Price	Ext. Price
271014 Central Archive License (for archive to another NexLog)	1	\$1,670.00	\$1,670.00
271083 8 pack MediaWorks DX (web) concurrent license	2	\$995.00	\$1,990.00
Subtotal:			\$61,310.00

Motorola Astro P25 AIS

Product Details	Quantity	Unit Price	Ext. Price
271141 Mandatory license fee for Initial Astro System Release - for end-customer with ONE AIS (or FIRST AIS) (Non-Discountable; must be pre-paid)	1	\$54,995.00	\$54,995.00
209220 Integration to Motorola ASTRO 25 system - Initial ASTRO version - SINGLE AIS	1	\$14,995.00	\$14,995.00
324720 DVSI 2-Port USB Decoder Unit (for P25, DMR, MOTOTRBO, NXDN) - Max 8	2	\$3,000.00	\$6,000.00
115015 Mandatory Remote Install Prep for P25 or TETRA; (Non-Discountable; must be pre-paid)	1	\$3,500.00	\$3,500.00
MOT-XFER Motorola Astro P25 License Transfer Credit	1	(\$73,490.00)	(\$73,490.00)
Subtotal:			\$6,000.00

Primary Site Installation Services

Product Details	Quantity	Unit Price	Ext. Price
INSTALL Services include pre-installation site survey, installation, configuration, testing and unlimited training.	1	\$7,000.00	\$7,000.00
Subtotal:			\$7,000.00

Primary Site Shipping

Product Details	Quantity	Unit Price	Ext. Price
MAN S&H Manufacturer Shipping and Handling	1	\$175.00	\$175.00
Subtotal:			\$175.00

Backup Site Recorder

Product Details	Quantity	Unit Price	Ext. Price
NexLog740DX NexLog 740 DX-Series base system: 3U rack-mountable, Core i5 CPU, 16GB DDR4 RAM, 2 Network Ports (100/1000), Embedded Linux, NexLog DX-Series software, web- based configuration manager.	1	\$8,750.00	\$8,750.00
DX701 Integrated 7" Color LCD Touch Screen Display for NexLog 740 DX	1	\$1,750.00	\$1,750.00
DX730 Standard NexLog 740 DX-Series Archive: 1 Blu-ray Drive (also supports single-side DVD-RAM media)	1	\$0.00	\$0.00
324430 Rack Mount Slides - 4 Post, 3U (for NexLog 740DX)	1	\$360.00	\$360.00
DX712 Upgrade NexLog 740 DX-Series (at time of order) to 4x4TB HotSwap RAID5=12TB storage	1	\$7,190.00	\$7,190.00
DXANA8 8-Channel Analog PCIe (PCI Express) Card, 8 Ch. Licenses	1	\$2,700.00	\$2,700.00
109033-003 Quick Install Kit (9 ft. Amphenol Cable + "66" Block)	1	\$220.00	\$220.00
271052 Internal IP Recorder with First 8 G.711 Channels	1	\$3,850.00	\$3,850.00
271035 Additional Internal IP G.711 8-Channel license pack	2	\$1,750.00	\$3,500.00
DX754 Dual Port 100MB/1000 PCIe (PCI Express) Network Card	1	\$660.00	\$660.00
271140 Eventide Interface license (audio) for Motorola VESTA 911 (and Motorola CallWorks) IP/SPAN Recording	1	\$2,700.00	\$2,700.00
DX902 Solacom/Motorola-Vesta i3 Data Handling/SMS recording License (DX environments, not compatible with 271174)	1	\$4,795.00	\$4,795.00
209029 911 NENA ANI/ALI CAD Spill Integration - USA/Canada only	1	\$1,995.00	\$1,995.00
271014 Central Archive License (for archive to another NexLog)	1	\$1,670.00	\$1,670.00
271083 8 pack MediaWorks DX (web) concurrent license	1	\$995.00	\$995.00

Subtotal: \$41,135.00

Backup Site Installation Services

Product Details	Quantity	Unit Price	Ext. Price
INSTALL Services include pre-installation site survey, installation, configuration, testing and unlimited training.	1	\$5,500.00	\$5,500.00

Subtotal: **\$5,500.00**

Backup Site Shipping

Product Details		Quantity	Unit Price	Ext. Price
MAN S&H	Manufacturer Shipping and Handling	1	\$175.00	\$175.00

Subtotal: **\$175.00**

Jacksonville Police-Fire Dispatch - DX Upgrade

Prepared by:

CRS / Carolina Recording Systems, LLC

Vic Williams
(252) 375-6579
vic.williams@crsnc.com

Prepared for:

Jacksonville Police-Fire Dispatch

200 Marine Blvd.
Jacksonville, NC 28541
Kyle Sellars
(910) 455-4000
ksellers@jacksonvillenc.gov

Quote Information:

Quote #: 000469

Version: 1
Delivery Date: 02/18/2022
Expiration Date: 07/01/2022

Quote Summary

Description	Amount
Primary Site Recorder	\$61,310.00
Motorola Astro P25 AIS	\$6,000.00
Primary Site Installation Services	\$7,000.00
Primary Site Shipping	\$175.00
Backup Site Recorder	\$41,135.00
Backup Site Installation Services	\$5,500.00
Backup Site Shipping	\$175.00

Total: \$121,295.00

Taxes, shipping, handling and other fees may apply. We reserve the right to cancel orders arising from pricing or other errors.

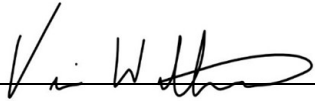
Installation Considerations:

Customer's radio, telephone, and CAD vendors should provide the proper inputs, identified and terminated within 6 feet of the recorder's physical location. Customer is responsible for insuring the necessary 3rd party licensing, installation, and integration work is completed by its other vendors.

Order Remittance: Please approve orders online via the provided secure link or email Purchase Orders to orders@crsnc.com.

CRS / Carolina Recording Systems, LLC

Jacksonville Police-Fire Dispatch

Signature: 

Name: Vic Williams

Title: Sr. Account Manager



Date: 02/18/2022

Signature: _____

Name: Kyle Sellars

Date: _____

IN WITNESS WHEREOF, intending to be legally bound hereby, and with the authority vested in them by resolution of their respective governing boards, the parties have caused this Interlocal Agreement to be executed and delivered as of the date first above written.

<p>CITY OF JACKSONVILLE, NORTH CAROLINA</p> <p>By: <u><i>R. Wooduff</i></u> City Manager</p>	<p>This instrument has been pre-audited in the manner required by The Local Government Budget and Fiscal Control Act.</p> <p><u><i>[Signature]</i></u> Finance Officer City of Jacksonville, North Carolina</p>
<p>ATTEST:</p> <p>By: <u><i>[Signature]</i></u> Clerk</p> 	<p>This instrument is approved as to form and legal sufficiency.</p> <p><u><i>[Signature]</i></u> City Attorney</p>
<p>ON SLOW COUNTY, NORTH CAROLINA</p> <p>By: <u><i>[Signature]</i></u> County Manager</p>	<p>This instrument has been pre-audited in the manner required by The Local Government Budget and Fiscal Control Act.</p> <p><u><i>[Signature]</i></u> Finance Director Onslow County, North Carolina</p>
<p>ATTEST:</p> <p>By: <u><i>[Signature]</i></u> Clerk</p> 	<p>This instrument is approved as to form and legal sufficiency.</p> <p><u><i>[Signature]</i></u> County Attorney</p>

STATE OF NORTH CAROLINA

COUNTY OF ONSLOW

INTERLOCAL AGREEMENT

BETWEEN

CITY OF JACKSONVILLE

AND

ONSLOW COUNTY

REGARDING

**PROCUREMENT, FUNDING, AND OWNERSHIP OF THE
COMPUTER AIDED DISPATCH (CAD), RECORDS
MANAGEMENT SYSTEM (RMS), and JAIL MANAGEMENT
SYSTEM (JMS)**

This Interlocal Agreement (the “Agreement” or “Interlocal Agreement”), entered into this the _____ day of _____, 2021, by and between the **CITY OF JACKSONVILLE, NORTH CAROLINA**, a municipal corporation organized under the laws of the State of North Carolina (hereinafter “City of Jacksonville” or “City”) and **ONslow COUNTY, NORTH CAROLINA**, a body politic and corporate (hereinafter “Onslow County” or “County”); collectively referred to herein as “the Parties”;

WITNESSETH:

WHEREAS, the Parties to this Agreement are each committed to excellence in the delivery of fire, law enforcement, emergency medical, inmate, and related services; and

WHEREAS, the Parties to this Agreement believe that interoperability, the ability for public safety agencies and communications centers to seamlessly communicate with each other, is a critical component of a state-of-the-art public safety computer aided dispatch and mobile data system (“CAD System”), Records Management System (“RMS System”), and Jail Management System (“JMS System”); and

WHEREAS, the Parties to this Agreement are committed to participating in the coordinated selection, procurement, installation, and maintenance of such state-of-the-art CAD, RMS, and JMS systems that will:

1. Provide efficient and effective support of the delivery of public safety services to people who need help;
 2. Provide communications support for first responders;
 3. Provide records management support for first responders and detention officers;
- and;

WHEREAS, the City of Jacksonville and Onslow County have jointly selected Motorola as the provider for the CAD, RMS and JMS Systems;

WHEREAS, by and through this Interlocal Agreement, the government unit Parties will formalize their funding commitments for the procurement, maintenance and operation of the CAD, RMS and JMS Systems; and

WHEREAS, the citizens of Onslow County and the City of Jacksonville are benefitted by increased efficiency and cost savings generated by this strategic partnership and sharing of resources, and the health, safety and general welfare of the public is benefitted by efforts to provide a safe and secure community through coordinated, efficient, and effective public safety services; and

WHEREAS, the Parties pursuant to the authority of Chapter 160A-461 *et seq.* of the North Carolina General Statutes are authorized to enter into this Interlocal Agreement in order to pursue the above stated goals.

NOW THEREFORE, for and in consideration of the promises and covenants contained in this Agreement and the mutual benefits derived therefrom, the sufficiency of which is hereby acknowledged, the Parties agree as follows:

**ARTICLE I
PURPOSE**

- 1.01 The purpose of this Agreement is to define the rights and obligations of the County and City with respect to the coordinated procurement, installation, ownership, ongoing maintenance, and upgrades of the countywide CAD, RMS, and JMS Systems.

**ARTICLE II
DEFINITIONS**

- 2.01 **AGREEMENT.** “Agreement” means this document as approved by appropriate action through ordinance, resolution, or other method, pursuant to the ordinances, resolutions, or charter of the governing bodies of the County and City.
- 2.02 **AUTHORIZED USERS.** “Authorized Users” are the City, the County, and agencies or municipalities who are authorized to utilize the CAD, RMS, and/or JMS Systems. The County and City, at its option, may require execution of a user agreement dictating the terms and conditions of use (“User Agreement”).
- 2.03 **ETFS: “ETSF”** means Emergency Telephone System Fund. These are the funds provided through the 911 Board.
- 2.04 **FUNDING.** “Funding” means the monies that will be provided by the County and the City, by authority of this Agreement, to fund the procurement, installation, ownership, ongoing maintenance, and upgrades of the countywide CAD, RMS, and JMS Systems.
- 2.05 **SYSTEMS.** “Systems” means the CAD, RMS, and JMS Systems.

**ARTICLE III
TERM**

- 3.01 This Agreement shall be effective upon the properly authorized execution of the Agreement by both parties hereto (“Effective Date”) and shall continue in effect until terminated by the Parties in accordance with Article IV.

**ARTICLE IV
TERMINATION AND AMENDMENT**

- 4.01 **TERMINATION BECAUSE OF MATERIAL BREACH.** In the event that any Party materially breaches this Agreement, the other Party shall deliver written notice of the breach and request to cure. A “material breach” shall be defined as a failure to perform a term of the Agreement which is an essential bargained for element of the agreement. If such breach is not cured within thirty (30) days of the written notice thereof, the non-breaching Party may, without further notice or demand, in addition to all other rights and remedies provided in this Agreement, at law or in equity, terminate this Agreement and recover any damages to which it is entitled as a result of said breach.
- 4.02 **TERMINATION BY MUTUAL CONSENT.** The parties may at any time terminate this Agreement provided both parties consent to such termination.
- 4.03 **TERMINATION UPON ONE (1) YEAR’S NOTICE FOLLOWING TEN YEARS FROM EFFECTIVE DATE.** Following ten (10) years from the Effective Date of this Agreement, either Party may terminate its participation in this Agreement, with or without breach, by giving written notice to the other Party of intent to terminate, at least one (1) year prior to the termination date.
- 4.04 **TERMINATION UPON FAILING TO MAKE FINANCIAL COMMITMENTS.** In the event that either Party fails to properly authorize and appropriate any necessary financial commitments, including costs contemplated by Paragraph 5.03, the other Party may, but is not required, to deliver written notice of intent to terminate within thirty (30) days. The Parties agree to exercise good faith efforts to participate in the Amendment process. If the required Amendment is not executed, then the termination is effective upon the expiration of the thirty (30) days, unless extended by agreement of the Parties. This provision is intended to be used to ensure a pre-audited funding commitment from each party.
- 4.04 **BANKRUPTCY/INSOLVENCY.** If any Party applies for or consents to the appointment of a receiver, trustee or similar officer for it or any substantial part of its property or assets, or any such appointment is made without such application or consent by such Party and remains undischarged for sixty (60) days, or files a petition in bankruptcy or makes a general assignment for the benefit of creditors, then such action shall constitute a material breach of this Agreement not requiring notice and opportunity to cure, and the other Party may terminate effective immediately.
- 4.05 **COOPERATION.** In the event of termination pursuant to any subsection hereunder, the terminating Party shall **not** be relieved of any existing and unperformed obligations, including funding obligations, incurred up until the effective date of termination. Neither the County nor the City is obligating 911 funds, but rather any

other legally authorized funds available for the funding of general government services.

4.06 NON-EXCLUSIVE REMEDIES. No remedy provided in this Agreement shall be considered exclusive of any other remedy in law or in equity.

4.07 NOTICE. Any written or electronic notice required by this section shall be delivered to the Parties at the following addresses:

For City of Jacksonville: City Manager
City of Jacksonville
Post Office Box 128
Jacksonville, N.C. 28541

For Onslow County: Onslow County Manager
234 NW Corridor Blvd.
Jacksonville, N.C. 28540

Notices shall be deemed delivered on the date sent if addressed as set forth herein. Either party may notify the other of a change of address, which will only be effective by written notice.

4.08 AMENDMENT.

If any Party desires to amend the Agreement, then the proposed amendment and the reasons for the proposed amendment shall be communicated in writing to the other Party. If the Parties agree to the proposed amendment, then the amendment shall be effected by entering a written amendment to the Agreement. An amendment that does not change the substantive or financial commitments of the Agreement may be executed by the Onslow County Manager and the City of Jacksonville Manager. Any other amendment to the terms of this Agreement to be effective must be in the form of a written instrument properly authorized and executed by the governing boards of each Party to this Agreement. Any amendment to this Agreement to be effective must be in writing and signed by both Parties.

ARTICLE V METHOD OF FUNDING CAD, RMS, AND JMS SYSTEMS

5.01 The following charts detail the funding obligations of the County and the City (hereinafter "Cost Share"):

Software, Services, First Year Maintenance Cost Share Summary

	Onslow County	Jacksonville	Total
Total List	\$2,125,167	1,339,593	3,464,759
ETSF	(\$437,549)	(\$379,029)	(\$816,578)
Grant Motorola	(\$377,745)	(\$297,343)	(\$675,088)
Discount	(\$343,479)	(\$214,334)	(\$557,813)
Sept. Discount	(\$318,775)	(\$200,938)	(\$519,713)
Totals	\$647,619	\$247,949	\$895,567

Maintenance Cost Share Summary

Year	Onslow County	Jacksonville
Year 1—Maintenance	Included	Included
Year 2—Maintenance	\$192,700	\$145,121
Year 3—Maintenance	\$192,700	\$145,121
Year 4—Maintenance	\$192,700	\$145,121
Year 5—Maintenance	\$192,700	\$145,121
Year 6—Maintenance	\$198,481*	\$149,474.63*
Year 7—Maintenance	\$204,435.43*	\$153,958.87*
Year 8—Maintenance	\$210,568.49*	\$158,577.64*
Year 9—Maintenance	\$216,885.55*	\$163,334.97*
Year 10—Maintenance	\$223,392.12*	\$168,235.02*

*The amounts with an asterisk represent the maximum amount Motorola can charge in each respective year for Years 6-10, as there is a 3% cap increase per year.

Upon the completion of each month for the duration of this agreement, the County will bill the City of Jacksonville for its portion of shared costs incurred by the County during the previous month. The County and the City shall work together to agree on the formatting of the invoice and the information to be included each month; however, the invoice shall contain the actual cost of all services and costs incurred by the County and the City's Cost Share due to the County. Neither Party shall be expected to tender any part of its Cost Share except to cover costs for costs and services actually incurred. The monthly bill to City of Jacksonville shall be due and payable to the County within 30 days of presentment to the City. The County invoices must provide and/or attach sufficient documentation to allow the City to apply for funding through the 911 Board.

- 5.02 No Party shall have the right to withhold or demand the return of their Cost Share once the costs are actually incurred, regardless of satisfaction with the product.
- 5.03 To the extent there are costs in addition to what is envisioned in this Article V, the parties agree to work in good faith to determine how to fund the additional costs on an equitable basis.

ARTICLE VI CONFORMANCE TO PLANS

- 6.01 All equipment operating on the CAD system shall comply with technical and performance standards as stated in the North Carolina 911 Board Administrative Rules 09 NCAC 06C Section .0212 ("Dispatching Systems") and Section .0213 ("Computer Aided Dispatching (CAD) Systems").
- 6.02 The failure of either Party to comply with the provisions of Article 6.01 of this Agreement shall be considered a material breach.

ARTICLE VII DATA PRIVACY

- 7.01 The County and the City agree to abide by all applicable Federal and State laws and regulations regarding privacy and confidential information concerning individuals and data including, but not limited to information made non-public by such laws or regulation. The County IT Department shall not access the City Data without written permission from the City IT Department.

**ARTICLE VIII
OWNERSHIP OF SYSTEM**

- 8.01 The County shall own all infrastructure and licenses associated with the CAD, RMS, and JMS systems. Notwithstanding the fact City Data is being stored on the County's infrastructure the City Data will remain the property of the City of Jacksonville. Because the County owns the infrastructure all maintenance/replacement/upgrade costs to the infrastructure shall be the County's responsibility. Even so, all replacement/upgrades shall be reviewed by the City and the County jointly.
- 8.02 The County and City jointly shall review the CAD and RMS systems operating information to develop documentation to support requests for additional modules or capabilities as may be needed, or global changes to the system. The decisions related to JMS, provided it does not interfere with the RMS module, shall be initiated by the Sheriff of Onslow County.
- 8.03 In the event that either the County or City dissolve this Agreement or otherwise leave the system, no terminating member is entitled to receive a refund of monies paid.

**ARTICLE IX
RELATIONSHIP OF PARTIES**

- 9.01 Onslow County and the City of Jacksonville are, and shall remain, independent contractors with respect to any service or function performed under this Agreement. Except as provided for in this Agreement, each Party shall select the means, method, and manner of performing their respective services herein. Each party is an independent contractor and shall not represent itself or be deemed as an officer, agent or employee of the other party for any purpose. Nothing under this Agreement is intended or should be construed in any manner to create a partnership or venture between the Parties.
- 9.02 Each party agrees that it will obey all State and Federal statutes, rules, and regulations which are applicable to any responsibility or duty outlined herein. The County and City each represent that it has, or will secure at its own expense, all personnel required in performing services under this Agreement. Any personnel of the County, the City, or other persons engaged in the performance of any work or services under this Agreement, shall have no contractual relationship with any other party, and shall not be employees of any other party. Such personnel or other persons shall neither require nor be entitled to any compensation, rights, or benefits of any kind whatsoever from the other party, including, without limitation, tenure rights, medical and hospital care, sick and vacation leave, Worker's Compensation, Re-Employment Insurance, disability, severance pay, or retirement.

9.03 Any claims that might arise under the Unemployment Compensation Act, the Worker's Compensation Act of the State of North Carolina, or any other applicable Federal or State law, rule, or regulation on behalf of said personnel, arising out of employment or alleged employment, including, without limitation, claims of discrimination against either party, its officers, agents, contractors, or employees, shall in no way be the responsibility of the other party. To the extent permitted, and as limited by North Carolina law, each party shall defend, indemnify, and hold the other party, its officers, agents, and employees harmless from any and all such claims.

**ARTICLE X
NON-ASSIGNMENT**

10.01 Neither party shall assign any portion of this Agreement or the rights and responsibilities hereunder to another person or entity who is not a party to this Agreement without the prior written consent of the other party to this Agreement.

**ARTICLE XI
NO THIRD PARTY BENEFICIARIES**

11.01 This Agreement is not intended for the benefit of any third party. The rights and obligations contained herein belong exclusively to the Parties hereto, and shall not confer any rights or remedies upon any person or entity other than the Parties hereto.

**ARTICLE XII
NO WAIVER OF SOVEREIGN IMMUNITY**

12.01 Nothing in this Agreement shall be construed to waive either Party's defense of sovereign or governmental immunity from any cause of action alleged or brought against Onslow County or City of Jacksonville for any reason if otherwise available as a matter of law.

**ARTICLE XIII
NO WAIVER OF QUALIFIED IMMUNITY**

13.01 No officer, agent or employee of either Party shall be subject to any personal liability by reason of the execution of this Agreement or any other documents related to the transactions contemplated hereby. Such officers, agents, or employees shall be deemed to execute this Agreement in their official capacities only, and not in their individual capacities. This section shall not relieve any such officer, agent or employee from the performance of any official duty provided by law.

**ARTICLE XIV
ENTIRE AGREEMENT, MERGER, MODIFICATION**

- 14.01 The entire Agreement between the parties with regard to the coordinated selection, procurement, installation, ownership, and upgrade of the CAD, RMS, and JMS systems is contained herein and that this Agreement supersedes all oral agreements, previous written agreements, and negotiations between the County and the City regarding the CAD, RMS, and JMS Systems.
- 14.02 Any alterations, variations, modifications, or waivers of the provisions of this Agreement shall only be valid when they have been reduced to writing as an amendment to this Agreement and signed by the parties hereto.

**ARTICLE XV
SEVERABILITY**

- 15.01 If any provision of this Agreement shall be determined to be unenforceable by a court of competent jurisdiction, such determination will not affect any other provision of this Agreement.

**ARTICLE XVI
COUNTERPARTS**

- 16.01 This Agreement may be executed in several counterparts, each of which shall be deemed an original.

**ARTICLE XVII
NON-DISCRIMINATION**

- 17.01 To the extent permitted by North Carolina law, the parties hereto for themselves, their agents, officials, employees and servants agree not to discriminate in any manner on the basis of race, color, creed, national origin, sex, age, handicap, or sexual orientation with reference to the subject matter of this Contract.

**ARTICLE XVIII
APPLICABLE LAW**

- 18.01 All matters relating to this Agreement shall be governed by the laws of the State of North Carolina, without regard to its choice of law provisions, and venue for any action relating to this Agreement shall be Onslow County Civil Superior Court.

- 18.02 The County and the City agree to comply with all applicable Federal and State laws, as well as local ordinances relating to non-discrimination, affirmative action, public

purchases, contracting, employment including worker's compensation and state labor wage provisions, and surety deposits required for construction contracts.

**ARTICLE XIX
E-VERIFY**

19.01 The Parties, and any vendor hired by the County to perform work on the CAD, RMS, or JMS Systems, shall comply with E-Verify, the federal E-Verify program operated by the United States Department of Homeland Security and other federal agencies, or any successor or equivalent program used to verify the work authorization of newly hired employees pursuant to federal law and as in accordance with N.C.G.S. §64-25 et seq.

**ARTICLE XX
IRAN DIVESTMENT**

20.01 Any vendor hired by the County to perform work on the CAD, RMS, or JMS systems shall comply with the requirements of the Iran Divestment Act by certifying that 1) it does not appear on the Final Divestment List created by the North Carolina State Treasurer pursuant to N.C.G.S. 143-6A-4 and published on the State Treasurer's website at www.nctreasurer.com/Iran and 2) it will not utilize any subcontractor that appears on the Final Divestment List in the performance of duties under this Agreement.

**ARTICLE XXI
FORCE MAJEURE**

21.01 Neither the County nor the City shall be liable for any failure, delay or interruption in service or for any failure or delay in the performance of any obligation under this Agreement due to strikes, walkouts, acts of God, governmental restriction, enemy action, civil commotion, unavoidable casualty, unavailability, or other similar acts beyond the reasonable control of either Party.

**ARTICLE XXII
OVERSIGHT ADVISORY COMMITTEE**

22.01 There is hereby established an Oversight Advisory Committee comprised of the County Manager, the City Manager and the Sheriff. All disputes, modifications, or arrangements to this system must be approved by this committee.

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Tab 8 b)

**Perquimans County Funding
Reconsideration Request
*(Roll Call Vote Required)***



PERQUIMANS COUNTY EMERGENCY SERVICES

P.O. Box 563 - 159 Creek Drive - Hertford, NC 27944

(252) 426-5646 Phone - (252) 426-3306 Fax

MEMORANDUM

TO: L.V. Pokey Harris
Executive Director, NC DIT

FROM: Frank Heath *Frank Heath*
County Manager

DATE: February 9, 2022

RE: Perquimans County PSAP Funding Distribution FY2023

We are in receipt of the Perquimans County PSAP Funding Distribution FY2023 Memorandum and are requesting that the 911 Board reconsider the distribution amount for the upcoming year. The distribution amount has been reduced by 20% due to the large balance that we are currently carrying, however, we have a large purchase pending that will help us keep our replacement schedule in line with 911 Board guidance.

Currently, we are awaiting four new radio console positions in our Primary PSAP, as our current Motorola MCC5500 is end of life. NC 911 Board staff have approved this expenditure in the amount of \$358,132.54. The project is expected to be finalized by June 30, 2022.

For the upcoming budget year, our CAD Workstations and Net Clock will be end of life. In addition, our Voice Logging Recorder needs a software update, and this alone will cost \$88,065.00. As a result, it is anticipated that a funding reconsideration will be needed to help with these purchases, provided the local funding match is approved in the upcoming budget year.

We thank you for your time and for your consideration in this request.

C. Jonathan Nixon, Emergency Services Director
Tracy Mathews, Finance Officer

TEMPLATE

FY2023 Funding Reconsideration Worksheet:

PSAP Name:

Perquimans County 911 Center

FY2022 Estimated Ending Fund Balance	\$21,108.45
PSAP Estimated Funding Distribution Before Reduction for FY2023	\$194,966.23
Amount reduced for exceeding carryforward	<u>-\$59,061.53</u>
Total Available for FY2023 Operations/Capital	\$157,013.15

Approved Budgeted Operational for FY2023	-\$216,000.00
Approved Budgeted Capital for FY2023	-\$151,556.65
Total Remaining Fund Balance for Use:	<u><u>-\$210,543.50</u></u>

North Carolina 911 Board

PSAP Name: Perquimans County 911 Center

Contact Name: Jonathan Nixon

Contact Address: 159 Creek Dr.

City: Hertford

Zip: 27944

Contact Email: jnixon@perquimanscountync.gov

Instructions: All requests for review of PSAP Distribution amount must use this form with each request. Please do not change block descriptors, formulas or formatting.
*****SEE INSTRUCTIONS tab for further requirements*** All requests are due by February 28, 2022. Email this form and all supporting documentation to your Regional Coordinator.**

FY2022 Emergency Telephone System Fund Balance: \$21,108.45

PHONE & FURNITURE Expenditure	FY2023 Requested Increase Amount ONE-TIME Capital Purchase Cost	FY2023 Requested Increase Amount Recurring MONTHLY Cost	FY2023 Requested Increase Amount Recurring ANNUAL Cost	Comments
MPLS-Fiber used for backup PSAPs connections		804.00		Newly established operational cost for Point to Point connection
Furniture: Cabinets, tables, desks which hold 911 equipment	13,550.00			Eligible Chairs
TOTAL	\$13,550.00	\$804.00	\$0.00	

SOFTWARE	FY2023 Requested Increase Amount ONE-TIME Capital Purchase Cost	FY2023 Requested Increase Amount Recurring MONTHLY Cost	FY2023 Requested Increase Amount Recurring ANNUAL Cost	Comments
CAD (modules that are part of the call-taking process only)				
GIS (to create and display the base map showing street centerlines and address, address point layer)				
Voice Logging Recorder	88,065.00			Eligible portions of Recorder
Time Synchronization	8,974.95			Eligible NetClock

Dispatch Protocols (Law, Fire, Medical)			
ALI Database software			
Software Maintenance			
TOTAL	\$97,039.95	\$0.00	\$0.00

HARDWARE	FY2023 Requested Increase Amount ONE-TIME Capital Purchase Cost	FY2023 Requested Increase Amount Recurring MONTHLY Cost	FY2023 Requested Increase Amount Recurring ANNUAL Cost	Comments
CAD server				
GIS server				
Voice logging server				
Monitors				
Computer Workstations	25,351.20			Eligible amount for CAD workstations
Time Synchronization				
UPS				
Generator				
Radio Consolette **as defined in Approved Use of Funds List				
Hardware Maintenance			5,967.50	Eligible amount for increase for radio maintenance
Hosted Solutions:**Must be approved by 911 Staff prior to reporting.				
TOTAL	\$25,351.20	\$0.00	\$5,967.50	

List expenditures to be applied to fund balance and submit quotes or invoices for review.:

FY2022 Ending Fund balance Available for Use \$21,108.45

Expenses applied to fund balance:

Operational telephone charges \$ 21,108.45

Total remaining Fund balance: \$0.00

Items below this cell are to be completed by 911 Board Staff

Estimated FY2023 Funding Distribution	\$135,904.70
FY2023 Anticipated Capital Expenditures	\$135,941.15
FY2023 Anticipated Monthly Recurring	\$9,648.00
FY2023 Anticipated Annual Recurring	\$5,967.50
Amount Requested to Not be Reduced for FY2023	\$59,061.53

Requested FY2023 Funding	\$346,522.88
--------------------------	--------------

Reconsideration requested amount to include reduced amount of \$59,061.53 and additional for capital, monthly and annual recurring expenditures in the amount of \$151,556.65 for FY2023: \$210,618.18

From: [Vogel, Jamie](#)
To: [Krystal Tutwiler](#); [Admin 911](#); [Nixon, Jonathan](#)
Cc: [Solesbee, Julie](#)
Subject: Re: [External] RE: Catalog Task SCTASK0205023 10Mbps point-to-point quote
Date: Thursday, December 30, 2021 4:04:59 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)

Only need to submit a TO5 form. Do you know where this form is located on the DIT web site?

Jamie Vogel

Network Engineer
NC Department of Information Technology
Phone: [919-754-6774](tel:919-754-6774)
Email: jamie.vogel@nc.gov

Slow internet? No internet? We need to know.

Take the 5-minute [survey](#). No internet? Call [919-790-0553](tel:919-790-0553) to take the survey.



From: Jonathan Nixon <jnixon@perquimanscountync.gov>
Sent: Thursday, December 30, 2021 3:05 PM
To: Vogel, Jamie; Krystal Tutwiler; Admin 911
Cc: Solesbee, Julie
Subject: RE: [External] RE: Catalog Task SCTASK0205023 10Mbps point-to-point quote

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to [Report Spam](#).

Jamie,

Perquimans is ready to move forward with this circuit and would like to know what next steps are needed.

Thanks,

Jonathan A. Nixon, Director
Perquimans County Emergency Services
911 Communications - EMS - Emergency Management
159 Creek Drive - PO Box 563
Hertford, NC 27944
252-426-5646 Ext 105
252-426-1875 Fax
252-426-9817 Cell

Perquimans County's Vision: To be a community of opportunity in which to live, learn, work, prosper, and play.

From: Vogel, Jamie <jamie.vogel@nc.gov>
Sent: Monday, May 17, 2021 4:19 PM
To: Krystal Agosto <kagosto@perquimanscountync.gov>; Admin 911 <admin911@perquimanscountync.gov>
Cc: Julie Solesbee <jsolesbee@perquimanscountync.gov>
Subject: RE: [External] RE: Catalog Task SCTASK0205023 10Mbps point-to-point quote

The monthly recurring cost for a 10Mbps point-to-point between these locations remains \$804. This monthly cost includes an estimate of applicable state and federal taxes / fees that Lumen may collect.

As these are existing sites with circuits currently terminating in equipment rooms, assumption is no construction would be required to deliver 10Mbps into each. DIT will need to submit orders to Lumen to determine if construction is required. If required, Lumen would contact DIT with the one-time costs and request approval to proceed.

Jamie Vogel (*he/him/his*)
Network Engineer, CVM
NC Department of Information Technology
Phone: 919-754-6774
Email: jamie.vogel@nc.gov



From: Krystal Agosto <kagosto@perquimanscountync.gov>

Sent: Sunday, May 16, 2021 9:24 PM

To: Vogel, Jamie <jamie.vogel@nc.gov>; Admin 911 <admin911@perquimanscountync.gov>

Cc: Solesbee, Julie <jsolesbee@perquimanscountync.gov>

Subject: [External] RE: Catalog Task SCTASK0205023 10Mbps point-to-point quote

Importance: High

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to [Report Spam](#).

Could you please provide us with an updated quote for the 10Mbps point-to-point connection? We have attached an updated TO-4 Cable Form. Please let us know if anything further is required.

Thank you,

Krystal R. B. Agosto, 911 Shift Supervisor/Training Officer

Perquimans County Emergency Services

911 Communications – EMS – Emergency Management

159 Creek Dr. - PO Box 563

Hertford, NC 27944

[252-426-5646](tel:252-426-5646) Office

[252-426-2049](tel:252-426-2049) Fax

[252-340-4676](tel:252-340-4676) Cell

From: admin911-owner@perquimanscountync.gov <admin911-owner@perquimanscountync.gov>

On Behalf Of Vogel, Jamie

Sent: Tuesday, May 26, 2020 10:05 AM

To: admin911@perquimanscountync.gov

Subject: [External] Catalog Task SCTASK0205023 10Mbps point-to-point quote

Jonathan / Krystal,

The monthly recurring cost for a 10Mbps point-to-point between 159 Creek Drive in Hertford and 8200 Highway 258 S in Farmville (NC SHP Viper Zone 3 master site) is \$804.

This monthly cost includes an estimate of applicable state and federal taxes / fees that CenturyLink may collect. As these are existing sites with circuits currently terminating in equipment rooms, assumption is no construction would be required to deliver 10Mbps into each. If construction was required, CenturyLink would contact NC DIT with the one-time costs and request approval to proceed. Let me know if I can answer any questions,

James E. Vogel, Jr. (Jamie)
Service Delivery
NC Department of Information Technology
919-754-6774
jamie.vogel@nc.gov

[Website](#) [Twitter](#) [Facebook](#) [LinkedIn](#) [YouTube](#) [Flickr](#)



Email correspondence to and from this address is subject to the North Carolina Public Records Law and may be disclosed to third parties

Email correspondence to and from this address may be subject to the North Carolina Public Records Law and may be disclosed to third parties by an authorized state official.

Replace CAD Stations

Prepared For:		Quote Information:	
Name:	Jonathan Nixon	Quote #:	004373
Company:	Perquimans County Emergency Services	Created:	02/06/2022
Address:	159 Creek Drive - PO Box 563 Hertford, NC 27944	Expires:	03/06/2022
Phone:	(252) 331-9817	Rep:	Kathleen Wasniewski
Email:	jnixon@perquimanscountync.gov	Email:	kathleen@shoshintech.com
		Phone:	252-449-7603

Hardware	Price	Qty	Ext. Price
Custom nFina Workstation Intel Core i5-1135G7 8M Cache, 4.20GHz 8GB Memory M.2 250GB SSD SATA 6G Microsoft Windows 10 Pro 64 bit 5 yr Standard Warranty, Tech Support 24x7 - Manufacturer Warranty, no additional charge	\$1,695.95	7	\$11,871.65
24" Monitor - HDMI / DP	\$379.95	28	\$10,638.60
Mini DisplayPort to HDMI Cable	\$15.95	7	\$111.65
USB-C to Displayport Cable	\$19.95	14	\$279.30
Workstation Setup Configuration of CAD Machines (7) Travel and onsite configuration of new workstations OS installation on workstations Configuration of user profiles Join new machines to CAD911 domain Configuration of CAD software	\$2,450.00	1	\$2,450.00
Project Phase Notes Individual pricing honored as a total project purchase.	\$0.00	1	\$0.00

Hardware Subtotal **\$25,351.20**

Recap	Amount
Hardware	\$25,351.20
Subtotal	\$25,351.20
Tax	\$1,711.22
Total	\$27,062.42

Taxes, shipping, handling and other fees may apply. We reserve the right to cancel orders arising from pricing or other errors.

Miller at Work
PO Box 5508
High Point, NC 27262

Terms: net15

Quote# PCNC911-005-1

Ship Date: 6-8 Weeks from receipt of Order

To: Perquimans Co, NC 911 Communications

159 Creek Drive
Hertford, NC 27944
Attn: Julie Solesbee
Attn: Krystal Agosto
PH: 252-426-5646 (o)
PH: 252-340-4676 (m)
FAX: 252-426-2049
Email: jsolesbee@perquimanscountync.gov
Email: kagosto@perquimanscountync.gov

Ship To: Perquimans Co, NC 911 Communications

159 Creek Drive
Hertford, NC 27944
Attn: Julie Solesbee
Attn: Krystal Agosto
PH: 252-426-5646 (o)

****REVISED 2/16/22**

****SPECIAL PRICE PER MAX**

<u>P O Number</u>	<u>Date</u>	<u>Product</u>	<u>Qty</u>	<u>Price</u>	<u>Total</u>
	2/16/2022	798-16-2-35-23/Dillon Vinyl-Logo/NC, LP	7	\$1,800.00	\$12,600.00
				SUBTOTAL	\$12,600.00
				FREIGHT	\$950.00
				TAX	\$850.50
				TOTAL	\$14,400.50

Remit To:

Miller at Work
PO Box 5508
High Point, NC 27262
336-883-1302
336-883-1304 (Fax)

Replace Netclock

Prepared For:		Quote Information:	
Name:	Jonathan Nixon	Quote #:	004374
Company:	Perquimans County Emergency Services	Created:	02/11/2022
Address:	159 Creek Drive - PO Box 563 Hertford, NC 27944	Expires:	03/11/2022
Phone:	(252) 331-9817	Rep:	Kathleen Wasniewski
Email:	jnixon@perquimanscountync.gov	Email:	kathleen@shoshintech.com
		Phone:	252-449-7603

Replace Hardware	Price	Qty	Ext. Price
Netclock NetClock 9483 - Backup Oscillator: OCXO - No Ethernet Option Card - 8230 GNSS Antenna - 100ft GNSS Antenna Cable - 8226 Antenna Surge Protector - Standard Support Plan – No additional cost (5-year warranty with semi-annual software releases for enhancements, bug fixes and updates for security threats)	\$8,049.95	1	\$8,049.95
Project Labor Configuration of NetClock Update all hosts to point to new NetClock Coordinate with subcontractor for cable replacement	\$825.00	1	\$825.00
Sub-Contractor Service Replace existing cable with new cable - 100 ft.	\$100.00	1	\$100.00

Replace Hardware Subtotal **\$8,974.95**

Recap	Amount
Replace Hardware	\$8,974.95
Subtotal	\$8,974.95
Tax	\$605.81
Total	\$9,580.76

Taxes, shipping, handling and other fees may apply. We reserve the right to cancel orders arising from pricing or other errors.

Signature

Date

Perquimans County 911 - single AIS

Account Manager:

Vic Williams
 (252) 375-6579
 vic.williams@crsnc.com

Performance Manager:

Vic Williams
 (252) 375-6579
 vic.williams@crsnc.com

Ship To:

Perquimans County 911
 159 Creek Drive
 Hertford, NC 27944
 Jonathan Nixon
 (252) 426-5646
 jnixon@perquimanscountync.gov

Bill To:

Perquimans County 911
 PO Box 563
 Hertford, NC 27944
 Jonathan Nixon
 (252) 426-5646
 jnixon@perquimanscountync.gov

Quote - 000400

Version: 1
 Quote Date:
 01/12/2022
 Quote Valid Through:
 04/12/2022
 Estimated Delivery: 4-6 weeks

Motorola Licenses

Product Details	Quantity	Unit Price	Ext. Price
applies to s/n 745100172			
271141	1	\$54,995.00	\$54,995.00
Mandatory license fee for Initial Astro System Release - for end-customer with ONE AIS (or FIRST AIS) (Non-Discountable; must be pre-paid)			
209220	1	\$14,995.00	\$14,995.00
Integration to Motorola ASTRO 25 system - Initial ASTRO version - SINGLE AIS			
115015	1	\$3,500.00	\$3,500.00
Mandatory Remote Install Prep for P25 or TETRA; (Non-Discountable; must be pre-paid)			
324720	2	\$3,000.00	\$6,000.00
DVSI 2-Port USB Decoder Unit (for P25, DMR, MOTOTRBO, NXDN) - Max 8			
271035	2	\$1,750.00	\$3,500.00
Additional Internal IP G.711 8-Channel license pack			
Subtotal:			\$82,990.00

Installation and Shipping

Product Details	Quantity	Unit Price	Ext. Price
INSTALL	1	\$5,000.00	\$5,000.00
Services include pre-installation site survey, installation, configuration, testing and unlimited training.			
MAN S&H	1	\$75.00	\$75.00
Manufacturer Shipping and Handling			
Subtotal:			\$5,075.00

ASTRO 25 Considerations

AIS Procured Equipment

In addition to the quoted Eventide licensing, the ASTRO 25 recording solution requires the following items that will need to be procured from Motorola:

- MCC 7500 Archive Interface Server (AIS)
- MCC 7500 Voice Processing Module (VPM)
- Motorola Control Room Firewall

Each AIS and VPM combination is limited to 120 concurrent talkpaths and up to 256 talkgroups that can be recorded. If a site has more than 256 groups that they may need recorded, they will need more than one AIS, VPM, and integration license to accommodate.


Quote Summary	Amount
Motorola Licenses	\$82,990.00
Installation and Shipping	\$5,075.00
Total:	\$88,065.00

Taxes, shipping, handling and other fees may apply. We reserve the right to cancel orders arising from pricing or other errors.

Installation Considerations:

Customer's radio, telephone, and CAD vendors should provide the proper inputs, identified and terminated within 6 feet of the recorder's physical location. Customer is responsible for insuring the necessary 3rd party licensing, installation, and integration work is completed by its other vendors.

Order Remittance: Please approve orders online via the provided secure link or email Purchase Orders to orders@crsnc.com.

Acceptance	
<p>CRS / Carolina Recording Systems, LLC</p> <div style="text-align: center;">  </div> <p>Vic Williams</p> <hr/> <p>Signature / Name</p> <p>01/12/2022</p> <hr/> <p>Date</p>	<p>Perquimans County 911</p> <div style="text-align: center;"> <p>Jonathan Nixon</p> <hr/> <p>Signature / Name</p> <p style="text-align: right;">Initials</p> <hr/> <p>Date</p> </div>

Perquimans County
Proposed FY 22-23 Budget
Emergency Telephone System Fund
78-500

	FY21-22 Budget	FY22-23 Proposed Budget
040 Professional Services	5,400	15,000
041 Implemental Functions	0	0
110 Telephone & Furniture	30,000	26,000
140 Travel/Training	9,600	10,000
160 Software Maintenance	45,000	40,000
161 Hardware Maintenance	172,000	125,000
210 Hosted Solutions	0	0
311 911 Grant Expenses	0	0
740 Capital Outlay – Equipment	0	0
800 911 Carry Forward	0	0
TOTAL -	262,000	216,000

(Budget amendment approved for radio
project upgrade in the amount of\$358,132.54)

PERQUIMANS COUNTY 911 COMMUNICATIONS

	Make/System:	Model #/Version:	Serial #:	IP Address:	Date Purchased	Replacement Date	STI#
Position 1 - PRIMARY PSAP							
CAD/MDS	Southern Software	Version 18.1.234.35/2.105.4.1					
CAD CPU	Intel Nuc	NUC8i7HMK	BTHN842000XC Version J68197-504	DHCP	5/1/2019	5/1/2022	15083
CAD Monitor(1)	Hp	VH240a	*****				
CAD Monitor(2)	Hp	VH240a	*****				
CAD Monitor(3)	Hp	VH240a	*****				
CAD Monitor(4)	Hp	VH240a	*****				
CAD Keyboard	Dell	KB212-B	CN-04G481-71616-59I-OBVJ-A06				
CAD Mouse	Dell		CN-OKW2YH-71616-SAJ-2VVM				
CAD Soundbar/Speakers	Dell	AC511					
PHONE	Vesta				8/26/2020	8/26/2025	
Phone CPU	HP Z2 SFF G4 Workstation				8/26/2020		
Phone Monitor	Planar	PXL2230MW			8/26/2020	8/26/2024	
Phone Keyboard							
Phone Mouse							
Phone Speakers							
RADIO	Motorola	MCC 5500			6/2017		
Radio CPU	HP	Z440	2UA70924Y1		3/7/2017	3/7/2020	
Radio Monitor	Planar	PXL2230MW	*****				
Radio Keyboard	HP	KB-1156	*****				
Radio Mouse	Marcus		593084				
Radio Speakers	Creative	MF1635	CNMF1635550R02251B				
Position 2 - PRIMARY PSAP							
CAD/MDS	Southern Software	Version 18.1.234.35/2.105.4.1					
CAD CPU	Nfina	NUC8i7HMK	BTHN842000GS Version J68197-504	DHCP	5/1/2019	5/1/2022	15801
CAD Monitor(1)	HP	HP 24yh	*****				
CAD Monitor(2)	HP	HP 24yh	*****				
CAD Monitor(3)	HP	HP 24yh	*****				
CAD Monitor(4)	HP	HP 24yh	*****				
CAD Keyboard	Dell	KB212-B	CN-04G481-71616-59I-OBV-A00				
CAD Mouse	Dell		CN-OKW2YH-71616-SAJ-3487				
CAD Soundbar/Speakers	Dell	AC511					
PHONE	Vesta				8/26/2020	8/26/2025	
Phone CPU	HP Z2 SFF G4 Workstation	C9F04UC#ABA	2UA549317G		8/26/2020		
Phone Monitor	Planar	PXL2230MW			8/26/2020	8/26/2024	
Phone Keyboard							
Phone Mouse							
Phone Speakers							
RADIO	Motorola	MCC 5500			6/2017		
Radio CPU	HP Z440	KSY83UP#ABA	2UA7092545		3/7/2017	3/7/2020	
Radio Monitor	Planar	PXL2230MW					
Radio Keyboard	HP	KB-1156	BDMDROEVB5008N				
Radio Mouse	Microsoft	1479	X822066				
Radio Speakers	Creative	MF1635	CVMF1635550R01A15J				
Position 3 - PRIMARY PSAP							
CAD/MDS	Southern Software	Version 18.1.234.35/2.105.4.1					
CAD CPU	Nfina	NUC8i7HMK	BTHN84000KP	DHCP	5/1/2019	5/1/2022	15082
CAD Monitor(1)	Hp	24yh	*****				
CAD Monitor(2)	Hp	24yh	*****				
CAD Monitor(3)	Hp	24yh	*****				
CAD Monitor(4)	Hp	24yh	*****				
CAD Keyboard	Dell	KB212-B	CN04G4817161659I03P7A00				
CAD Mouse	Dell		CN0KW2YH-71616-SAJ2VV6				
CAD Soundbar/Speakers	Dell	AC511					
PHONE	Vesta				8/26/2020	8/26/2025	
Phone CPU	HP rp5800	C9F04UC#ABA	2UA549317G		8/26/2020		

Phone Monitor	Planar	PXL2230MW			8/26/2020	8/26/2024
Phone Keyboard						
Phone Mouse						
Phone Speakers						
RADIO	Motorola	MCC 5500			6/2017	
Radio CPU	HP Z440	K5Y83UP#BA	2UA7092546		3/7/2017	3/7/2020
Radio Monitor	Planar	PXL2230MW				
Radio Keyboard	HP	KB1156	BDMDR0EV850085			
Radio Mouse	Microsoft	1479	X822066-001			
Radio Speakers	Creative	MF1635	CNMF1635550R02645P			
Position 4 - PRIMARY PSAP						
CAD/MDS	Southern Software	Version 18.1.234.35/2.105.4.1				
CAD CPU		NUC8i7HMK	BTHN009003B7 Version J68197-601	DHCP	5/1/2019	5/1/2022 15730
CAD Monitor(1)		U2414HB	*****			
CAD Monitor(2)		U2414HB	*****			
CAD Monitor(3)		U2414HB	*****			
CAD Monitor(4)		U2414HB	*****			
CAD Keyboard	Logitech	KB212-B	*****			
CAD Mouse	Logitech					
CAD Soundbar/Speakers		AC511				
PHONE	Vesta				8/26/2020	8/26/2025
Phone CPU	HP Z2 SFF G4 Workstation	8EM98US#ABA	MXL9394B1X		8/26/2020	
Phone Monitor	Planar	PXL2230MW			8/26/2020	8/26/2024
Phone Keyboard						
Phone Mouse						
Phone Speakers						
RADIO	Motorola	MCC 5500			6/2017	
Radio CPU	HP Z440	K5Y83UP#ABA	2UA70924Y0		3/7/2017	3/7/2020
Radio Monitor	Planar	PXL2230MW				
Radio Keyboard	HP	KV1156	BDMDR0EV85008Z			
Radio Mouse	Microsoft	1479	X822066-001			
Radio Speakers	Creative	MF1635	CNMF1635550R02649G			
Position 5 - BACKUP PSAP						
CAD/MDS	Southern Software	Version 18.1.234.35/2.105.4.1				
CAD CPU	Nfina	NUC8i7HMK	BTHN842000T5	DHCP	5/1/2019	5/1/2022
CAD Monitor(1)	Hp	24w	*****			
CAD Monitor(2)	Hp	24w	*****			
CAD Monitor(3)	Hp	24w	*****			
CAD Monitor(4)	Hp	24yh	*****			
CAD Keyboard	Dell	KB212-B	CN04G481716165910BVL-A00			
CAD Mouse	Dell		CN0KW2YH71616SAJ-2VVS			
CAD Soundbar/Speakers	Dell	AC511				
PHONE	Vesta				8/26/2020	8/26/2025
Phone CPU					8/26/2020	
Phone Monitor	Planar	PXL2230MW			8/26/2020	8/26/2024
Phone Keyboard						
Phone Mouse						
Phone Speakers						
RADIO					6/2017	
Radio CPU	Harris	Symphony	2UA7092442		3/7/2017	3/7/2020
Radio Monitor	Accusync	AS222WM				
Radio Keyboard	HP	KB-1156	BDMDRDD5Y9V01J			
Radio Mouse	Microsoft	1479	X822066-001			
Radio Speakers	Creative	MF1635	1635550R01414Y			
Position 6 - BACKUP PSAP						
CAD/MDS	Southern Software	Version 18.1.234.35/2.105.4.1				
CAD CPU	Afina	NUC8i7HMK	BTHN842000LY	DHCP	5/1/2019	5/1/2022
CAD Monitor(1)	Hp	24w				
CAD Monitor(2)	Hp	24w				

CAD Monitor(3)	Hp	24w				
CAD Monitor(4)	Hp	24w				
CAD Keyboard	Dell	KB212-B	CN04G481716165910BVL-A00			
CAD Mouse	Dell		CN0KW2YH71616SAJ-2VVS			
CAD Soundbar/Speakers	Dell	AC511				
PHONE	Vesta				8/26/2020	8/26/2025
Phone CPU					8/26/2020	
Phone Monitor	Planar	PXL2230MW			8/26/2020	8/26/2024
Phone Keyboard						
Phone Mouse						
Phone Speakers						
RADIO					6/2017	
Radio CPU	Harris	Symphony	1233933314		8/27/2020	8/27/2023
Radio Monitor						
Radio Keyboard						
Radio Mouse						
Radio Speakers						
Position 7 - BACKUP PSAP						
CAD/MDS	Southern Software	Version 18.1.234.35/2.105.4.1				
CAD CPU	Infina	NUC8i7HNK	BTNH84200S1		5/1/2019	5/1/2022
CAD Monitor(1)	HP	24w				
CAD Monitor(2)	HP	24w				
CAD Monitor(3)	HP	24w				
CAD Monitor(4)	HP	24w				
CAD Keyboard	Dell	KB212-B	CN04G481716165910BVL-A00			
CAD Mouse	Dell		CN0KW2YH71616SAJ-2VVS			
CAD Soundbar/Speakers	Dell	AC511				
PHONE	Vesta				8/26/2020	8/26/2025
Phone CPU					8/26/2020	
Phone Monitor	Planar	PXL2230MW			8/26/2020	8/26/2024
Phone Keyboard						
Phone Mouse						
Phone Speakers						
RADIO					6/2017	
Radio CPU	Harris	Symphony	S91U4CON		3/7/2017	3/7/2020
Radio Monitor	AccuSync	AS222WM				
Radio Keyboard	HP	KB-1156	BDMDRDD5Y9V01J			
Radio Mouse	Microsoft	1479	X822066-001			
Radio Speakers	Creative	MF1635	1635550R01414Y			
Server/Demarc Room - PRIMARY PSAP						
911/CAD Servers		Nfina Cluster	bqwf84000374/bqwf84000323	192.168.235.2-8	4/1/2019	4/1/2024
911-Switch 1		Unifi 16XG	f0:9f:c2:67:6c:d1	dynamic	4/1/2019	4/1/2024
911-Switch 2		Unifi 16XG	f0:9f:c2:6f:3f:15	dynamic	4/1/2019	4/1/2024
911-Switch 3		Unifi 24	b4:fb:e4:2f:00:01	dynamic	4/1/2019	4/1/2024
911 - Telecom Rack CAD Switch		Unifi 24	f0:9f:c2:09:e1:42	dynamic	4/1/2019	4/1/2024
Supervisor Desk Switch		Unifi 8	b4:fb:e4:22:d8:67	dynamic	4/1/2019	4/1/2024
Digi 1 CAD		Anywhere USB /2	MAC 00:40:9D:BA:79:C5	192.168.235.15	4/1/2019	4/1/2024
Digi 2 Pro/QA		Anywhere USB /2	MAC 00:40:9D:BA:78:C6	192.168.235.16	4/1/2019	4/1/2024
Sonicwall 1		Sonicwall TZ500	18B169B351A0	192.168.235.1	4/1/2019	4/1/2024
Sonicwall 2 (HA)		Sonicwall TZ500	18B169B3574		4/1/2019	4/1/2024
KVM - Server Rack						
Netclock					2017	2022
Radio Consolette (
Radio Consolette (
Radio Consolette (
Radio Consolette (
ESINET Phone System	Motorola Vesta				8/26/2020	
Recorder System (Phone/Radio)	Eventide Recording System	NexLog 740 DX			8/31/2020	8/31/2025

Recorder NAS				Upgraded:	4/26/2018	
Kerio Firewall					7/18/2016	
UPS (Uninterrupted Power Supply)	Eaton	Model# FE18KVA Serial# BJ294FN004		10.4.12.2	9/15/2015	9/15/2030
UPS Batteries					4/1/2015	
Server/Demarc Room - BACKUP PSAP						
911/CAD Server	inFina (HV-BACKUPSITE)	Server - S2600WFT	BQWT90100091	192.168.236.2	5/3/2019	6/1/2024 PC
Recorder NAS	RAID-5	NAS-14506			8/31/2020	
KVM						
HP/Compaq CPU						
ECaTS Box						
Radio					6/29/2018	
ESINET Phone System	Motorola Vesta				8/26/2020	8/31/2025
Lenovo Laptop Back up CAD					2/10/2017	
Sonicwall 1		Sonicwall TZ500	18B169C718EC	192.168.236.1	4/1/2019	4/1/2024
Sonicwall 2 (HA)		Sonicwall TZ500	18B169B382CC		4/1/2019	4/1/2024

Primary PSAP Radios located at Backup PSAP Location

<u>Radio</u>	<u>Make</u>	<u>Model Number</u>	<u>Serial Number</u>
APX 1500 800 MHz	Motorola	M36URS9PW1AN	466CTF0327
APX 1500 800 MHz	Motorola	M36URS9PW1AN	466CTF0328
APX 1500 800 MHz	Motorola	M36URS9PW1AN	466CTF0330
APX 1500 800 MHz	Motorola	M36URS9PW1AN	466CTF0332
APX 1500 800 MHz	Motorola	M36URS9PW1AN	466CTF0329
APX 1500 800 MHz	Motorola	M36URS9PW1AN	466CTF0331
APX 1500 VHF	Motorola	M36KSS9PW1AN	466CTF0325
APX 1500 VHF	Motorola	M36KSS9PW1AN	466CTF0322
APX 1500 VHF	Motorola	M36KSS9PW1AN	466CTF0326
APX 1500 VHF	Motorola	M36KSS9PW1AN	466CTF0323
APX 1500 VHF	Motorola	M36KSS9PW1AN	466CTF0324

Updated 2.2.22 - KW and DB

Updated 2-8-22 - ES Staff

Tab 8 c)

**Estimated 3-Year Forecast/
Service Charge**

(Roll Call Vote Required)

NC 911 Board - 3-Year Forecast Projections - Service Charge Rate

FY2022 \$0.65 Estimated Service Charge Collection	<u>\$97,221,813</u>	FY2023 \$0.65 Estimated Service Charge Collection	<u>\$97,416,259</u>	FY2024 \$0.65 Estimated Service Charge Collection	<u>\$97,611,094</u>	FY2025 \$0.65 Estimated Service Charge Collection	<u>\$97,806,318</u>
Allocation of Service Charge Collection from Total Collected		Allocation of Service Charge Collection from Total Collected		Allocation of Service Charge Collection from Total Collected		Allocation of Service Charge Collection from Total Collected	
Next Generation 911 Reserve Fund 22%	\$21,388,799	Next Generation 911 Reserve Fund 30%	\$29,224,878	Next Generation 911 Reserve Fund 30%	\$29,283,328	Next Generation 911 Reserve Fund 30%	\$29,341,895
PSAP Grant and Statewide Project Account 10%	\$9,722,181	PSAP Grant and Statewide Project Account 10%	\$9,741,626	PSAP Grant and Statewide Project Account 10%	\$9,761,109	PSAP Grant and Statewide Project Account 10%	\$9,780,632
Administrative Account 1.5%	<u>\$1,458,327</u>	Administrative Account 1.5%	<u>\$1,461,244</u>	Administrative Account 1.5%	<u>\$1,464,166</u>	Administrative Account 2%	<u>\$1,956,126</u>
Total Service Charge remaining to allocated:	\$64,652,506	Total Service Charge remaining to allocated:	\$56,988,512	Total Service Charge remaining to allocated:	\$57,102,490	Total Service Charge remaining to allocated:	\$56,727,664
CMRS Account 3%~	\$1,980,953	CMRS Account	\$0	CMRS Account 1%	\$571,025	CMRS Account 3%	\$1,701,830
PSAP Account (prepaid, Voip, Wireline)	\$62,671,553	PSAP Account (prepaid, Voip, Wireline)	\$56,988,512	PSAP Account (prepaid, Voip, Wireline)	\$56,531,465	PSAP Account (prepaid, Voip, Wireline)	\$55,025,834
BREAKDOWN Per Account and Fund of Revenues/Expenditures		BREAKDOWN Per Account and Fund of Revenues/Expenditures		BREAKDOWN Per Account and Fund of Revenues/Expenditures		BREAKDOWN Per Account and Fund of Revenues/Expenditures	
Next Generation 911 Reserve Fund		Next Generation 911 Reserve Fund		Next Generation 911 Reserve Fund		Next Generation 911 Reserve Fund	
Next Generation 911 Reserve Estimated Fund Balance		Next Generation 911 Reserve Estimated Fund Balance		Next Generation 911 Reserve Estimated Fund Balance		Next Generation 911 Reserve Estimated Fund Balance	
June 30, 2021	\$84,489,124	June 30, 2022	\$69,294,453	June 30, 2023	\$64,321,936	June 30, 2024	\$61,402,604
Transfer-In	\$0	Transfer In	\$0	Transfer In	\$0	Transfer In	\$0
Service Charge Revenue FY2022	\$21,388,799	Estimated Service Charge Revenue FY2023	\$29,224,878	Estimated Service Charge Revenue FY2024	\$29,283,328	Estimated Service Charge Revenue FY2025	\$29,341,895
Estimated Expenditures	<u>-\$36,583,470</u>	Estimated Expenditures	<u>-\$34,197,395</u>	Estimated Expenditures	<u>-\$32,202,660</u>	Estimated Expenditures	<u>-\$31,583,766</u>
Estimated Ending Fund Balance June 30, 2022	<u>\$69,294,453</u>	Estimated Ending Fund Balance June 30, 2023	<u>\$64,321,936</u>	Estimated Ending Fund Balance June 30, 2024	<u>\$61,402,604</u>	Estimated Ending Fund Balance June 30, 2025	<u>\$59,160,733</u>
PSAP Grant and Statewide Projects Account		PSAP Grant and Statewide Projects Account		PSAP Grant and Statewide Projects Account		PSAP Grant and Statewide Projects Account	
PSAP Grant and Statewide Projects Account Balance June 30, 2021		PSAP Grant and Statewide Projects Estimated Account Balance June 30, 2022		PSAP Grant and Statewide Projects Estimated Account Balance June 30, 2023		PSAP Grant and Statewide Projects Estimated Account Balance June 30, 2024	
	\$37,688,960		\$48,479,463		\$33,648,656		\$28,819,929
Transfer in (September 2021)	\$10,221,234	Transfer in (previous FY)	\$18,183,239	Transfer in (previous FY)	\$8,330,164	Transfer in (previous FY)	\$10,043,151
Transfer out	\$0	Transfer out	\$0	Transfer out	\$0	Transfer out	\$0
Service Charge Revenue FY2022	\$9,722,181	Estimated Service Charge Revenue FY2023	\$9,741,626	Estimated Service Charge Revenue FY2024	\$9,761,109	Estimated Service Charge Revenue FY2025	\$9,780,632
Committed - Expenditures	<u>-\$9,152,912</u>	Committed - Expenditures	<u>-\$17,235,672</u>	Estimated Grant Award Expenditures	<u>-\$22,920,000</u>	Estimated Grant Award Expenditures	<u>-\$22,920,000</u>
Estimated Ending Fund Balance June 30, 2022	<u>\$48,479,463</u>	Estimated Ending Fund Balance June 30, 2023	<u>\$33,648,656</u>	Estimated Ending Fund Balance June 30, 2024	<u>\$28,819,929</u>	Estimated Ending Fund Balance June 30, 2025	<u>\$25,723,712</u>
PSAP Account		PSAP Account		PSAP Account		PSAP Account	
PSAP Estimated Account Balance June 30, 2021		PSAP Estimated Account Balance June 30, 2022		PSAP Estimated Account Balance June 30, 2023		PSAP Estimated Account Balance June 30, 2024	
	\$10,221,234		\$18,183,239		\$8,330,164		\$10,043,151
Transfer out (September 2021)	-\$10,221,234	Transfer out (September 2022)	-\$18,183,239	Transfer out (September 2023)	-\$8,330,164	Transfer out (September 2024)	-\$10,043,151
Estimated Service Charge Revenue FY2022	\$62,671,553	Estimated Service Charge Revenue FY2023	\$56,988,512	Estimated Service Charge Revenue FY2024	\$56,531,465	Estimated Service Charge Revenue FY2025	\$55,025,834
Estimated Expenditures	<u>-\$44,488,314</u>	Estimated Expenditures	<u>-\$48,658,348</u>	Estimated Expenditures	<u>-\$46,488,314</u>	Estimated Expenditures	<u>-\$46,488,314</u>
Estimated Ending Fund Balance June 30, 2022	<u>\$18,183,239</u>	Estimated Ending Fund Balance June 30, 2023	<u>\$8,330,164</u>	Estimated Ending Fund Balance June 30, 2024	<u>\$10,043,151</u>	Estimated Ending Fund Balance June 30, 2025	<u>\$8,537,520</u>
Administrative Account		Administrative Account		Administrative Account		Administrative Account	
Admin Account Balance June 30, 2021		Admin Estimated Account Balance June 30, 2022		Admin Estimated Account Balance June 30, 2023		Admin Estimated Account Balance June 30, 2024	
	\$1,507,563		\$1,521,518		\$1,335,712		\$1,092,578
Estimated Service Charge Revenue FY2022	\$1,458,327	Estimated Service Charge Revenue FY2023	\$1,461,244	Estimated Service Charge Revenue FY2024	\$1,464,166	Estimated Service Charge Revenue FY2025	\$1,956,126
Estimated Expenditures	<u>-\$1,444,372</u>	Estimated Expenditures	<u>-\$1,647,050</u>	Estimated Expenditures	<u>-\$1,707,300</u>	Estimated Expenditures	<u>-\$1,707,300</u>
Estimated Ending Fund Balance June 30, 2022	<u>\$1,521,518</u>	Estimated Ending Fund Balance June 30, 2023	<u>\$1,335,712</u>	Estimated Ending Fund Balance June 30, 2024	<u>\$1,092,578</u>	Estimated Ending Fund Balance June 30, 2025	<u>\$1,341,404</u>
CMRS Account		CMRS Account		CMRS Account		CMRS Account	
CMRS Account Balance Ending June 30, 2021		CMRS Estimated Account Balance June 30, 2022		CMRS Estimated Account Balance June 30, 2023		CMRS Estimated Account Balance June 30, 2024	
	\$2,965,272		\$3,006,923		\$1,642,148		\$711,920
Estimated Service Charge Revenue FY2022	\$1,980,953	Estimated Service Charge Revenue FY2023	\$0	Estimated Service Charge Revenue FY2024	\$571,025	Estimated Service Charge Revenue FY2025	\$1,701,830
Estimated Expenditures	<u>-\$1,939,302</u>	Estimated Expenditures	<u>-\$1,364,775</u>	Estimated Expenditures	<u>-\$1,501,253</u>	Estimated Expenditures	<u>-\$1,576,315</u>
Estimated Ending Fund Balance June 30, 2022	<u>\$3,006,923</u>	Estimated Ending Fund Balance June 30, 2023	<u>\$1,642,148</u>	Estimated Ending Fund Balance June 30, 2024	<u>\$711,920</u>	Estimated Ending Fund Balance June 30, 2025	<u>\$837,435</u>

**Accrual basis
**Interest not included

Tab 8 d)

General Committee Report

Tab 9

Finance Team Report

**Marsha Tapler/Kristen Falco/
Sarah Templeton**

Tab 10

Grant Committee Report

Jeff Shipp/Pokey Harris

Tab 10 a)

Priority One Grant

- **Initial Review of Applications (March 30)**
- **Applicant Presentations Day (April 19)**
- **Application Reviews and
Recommendation to Board (June 2)**
- **Board Approval and Award (June 24)**

Tab 10 b)

FY 2023 PSAP Grant Program

- **Virtual Workshop (Held March 24)**
- **Grant Application Posted (March 31)**
- **Pre-Application Abstract Due (April 15)**
- **FY 2021 Revenue/Expenditure Report Finalized (May 15)**
- **Eligibility Reviews Due to Staff (May 1)**
- **Grant Application Submission Date (May 31)**

Tab 10 c)

PSAP Grant Program Progress Reports

- **Greene County 911**
- **Currituck County 911**
- **Franklin County 911**
- **Cumberland County 911**
- **Chatham County 911**

PSAP Grant Program Progress Report

*** The progress report should be completed by the grant project contact and submitted 10 days prior to presentation date.
The same information will be presented to the NC 911 Board.***

1. PSAP Name: Greene County Communications
2. Form Completed By: Brock Kearney
3. Completion Date: 3/15/2022
4. Grant Name: Greene County E911
5. Total Cost of Project: Cost to date \$714,644
6. Total Grant Award for Project:\$841,964.00
7. Project Accomplishments and Milestones to Date:2-3-month technology migration, cutover scheduled for 3-23-2022
8. Project Challenges and/or Risks to Date:Click or tap here to enter text.
9. Is Your Project Meeting the Submitted Timeline? Yes No
10. If the answer is no, provide a brief explanation and updated timeline.
11. Have monthly reports been submitted in a timely manner? Yes No
12. If the answer is no, please provide a brief description why. Click or tap here to enter text.

PSAP Grant Program Progress Report

*** The progress report should be completed by the grant project contact and submitted 10 days prior to presentation date.
The same information will be presented to the NC 911 Board.***

1. PSAP Name: Currituck County Communications
2. Form Completed By: Mary Beth News, Director
3. Completion Date: 3/9/2022
4. Grant Name: Currituck County Public Safety Building Construction Project
5. Total Cost of Project: approximately \$24 Million
6. Total Grant Award for Project: \$332,700.62
7. Project Accomplishments and Milestones to Date: New Public Safety Building is complete, PSAP Furniture is ordered, ESInet is nearing completion, equipment is steadily coming in and being installed, A go-live date has been set for May 18, 2022.
8. Project Challenges and/or Risks to Date: Some weather-related incidents slowed the start of the project, then COVID-19 presented challenges with staffing, and supply chain delays. There were also radio system insufficiencies that needed addressed before proceeding with the tower build.
9. Is Your Project Meeting the Submitted Timeline? Yes No
10. If the answer is no, provide a brief explanation and updated timeline.
11. Have monthly reports been submitted in a timely manner? Yes No
12. If the answer is no, please provide a brief description why. There was some confusion on the Communications Director's part at the beginning of the process. The first few months there was little to no movement on the project, so no report was submitted. Reports have been timely once the process was clarified that reports are due regardless of progress.

PSAP Grant Program Progress Report

***** The progress report should be completed by the grant project contact and submitted 10 days prior to presentation date.**

The same information will be presented to the NC 911 Board.***

1. PSAP Name: Franklin County Emergency Communications
2. Form Completed By: Christy Shearin
3. Completion Date: 03/11/2022
4. Grant Name: Franklin County Emergency Communications – New PSAP
5. Total Cost of Project: \$6,635,101
6. Total Grant Award for Project: \$3,958,873
7. Project Accomplishments and Milestones to Date: In May of 2020, the County contracted with SCHRADERGROUP for Architectural and Engineering Services. The Project team worked with SCHRADERGROUP from June 2020 through April 2021 on the design of the PSAP. In April 2021 a Request for Proposals for a 6,100 sq. ft. facility was issued to potential vendor with responses due in June 2021. In August 2021, the Franklin County Board of County Commissioners voted to reject all of the bids received, directed staff to adjust the scope and rebid as soon as possible. This was due to the significant cost increase which was a result of materials which resulted in higher than anticipated bids. In October 2021 a Request for Proposals for a 5,200 sq. ft facility was issued to potential vendors with responses due in November 2021. On January 3, 2022, the Franklin County Board of County Commissioners awarded the Construction Contract to H.G. Reynolds and allocated an additional \$1.5 million dollars to the project in order to proceed. The Contract with H.G. Reynolds has been executed and clearing and preparation of the Site is underway.
8. Project Challenges and/or Risks to Date: The significant increase in materials to date has been a challenge, however with additional County funding now allocated to the Project we are moving forward. The volatile market and potential long lead

times for materials is an on-going risk that is evaluated regularly by the Project Team.

9. Is Your Project Meeting the Submitted Timeline? Yes No
10. If the answer is no, provide a brief explanation and updated timeline. The rise in the cost of materials necessitated an adjustment in the design of the building and a rebid of the Project. The Construction phase is now underway with additional County funding to complete this project. An updated timeline is provided. A grant extension will likely be needed. The Project Team is evaluating progress weekly to firm up potential time frames for long lead items in order to determine the necessary extension needed.
11. Have monthly reports been submitted in a timely manner? Yes No
12. If the answer is no, please provide a brief description why. [Click or tap here to enter text.](#)

PSAP Grant Program Progress Report

*** The progress report should be completed by the grant project contact and submitted 10 days prior to presentation date.
The same information will be presented to the NC 911 Board.***

1. PSAP Name: Cumberland County Emergency Services
2. Form Completed By: Gene Booth
3. Completion Date:03-09-2022
4. Grant Name: G2020-06
5. Total Cost of Project:\$16,536,746.00
6. Total Grant Award for Project: \$2,251,387.00
7. Project Accomplishments and Milestones to Date: Major milestones accomplished for the Cumberland County Emergency Services building are: Building Purchase, Design process with AECOM, Plans approval by Local AHJ, Demolition of existing walls and exterior windows, Internal renovation 65% complete. External renovation/additional 75% with a combined 70% completion, Communications Tower erected, and new higher wind rated roof installed.
8. Project Challenges and/or Risks to Date: Project challenges consist of the delayed delivery of the Generator, UPS, and the Communications Equipment Shelter. Additional delays would place the current go live to beyond August 2022.
9. Is Your Project Meeting the Submitted Timeline? Yes No
10. If the answer is no, provide a brief explanation and updated timeline.

Currently due to supply chain issues We are seeing additional delays in the building Generator, and UPS system. The building should be substantially completed by the End of April. However, due to the delay with these major systems it will likely be sometime August, 2022 before we go live.



11. Have monthly reports been submitted in a timely manner? Yes No

12. If the answer is no, please provide a brief description why. Human error.

PSAP Grant Program Progress Report

*** The progress report should be completed by the grant project contact and submitted 10 days prior to presentation date.
The same information will be presented to the NC 911 Board.***

1. PSAP Name: Chatham County Emergency Communications
2. Form Completed By: Mike Reitz
3. Completion Date: 3/17/2022
4. Grant Name: Radio System Upgrade
5. Total Cost of Project: \$22,365,661
6. Total Grant Award for Project: \$2,339,608
7. Project Accomplishments and Milestones to Date: We have constructed 5 new tower sites; this includes but not limited to, civil work to clear land and build access, construct the tower, set the building and generator, and connect network and power. We have upgraded the building and lighting at a 6th tower site and upgraded the building at a 7th tower site. We have trained 95% of the county on the new radios. We have deployed or installed 80% of the new radios. We have installed new MCC7500 consoles at both the primary and backup ECC's.
8. Project Challenges and/or Risks to Date: This project has experienced significant challenges. The COVID pandemic has put us behind 12-18 months due to various reasons related to the pandemic, such as supply chain issues and work process changes and delays. Another significant challenge was the cyber incident we experienced October 2020. This caused an approximate 6-month delay in the project due to county processes being affected, such as permitting and inspection systems being offline or being done by hand. Other challenges we've experienced were system design related, such as not receiving permission from a property owners association to construct a tower on county owned property, and this caused an approximate 9-12 month delay. We had to look for an alternative site to construct a tower and go through the process to increase the project budget, design the site, obtain rezoning (on going), get building permits and construct the site.

9. Is Your Project Meeting the Submitted Timeline? Yes No

10. If the answer is no, provide a brief explanation and updated timeline.

The initial timeline submitted with the grant application listed the project completion date of fall / winter 2020. We have requested several extensions for this grant due to the challenges listed above. The updated timeline is to be complete this summer 2022.

11. Have monthly reports been submitted in a timely manner? Yes No

12. If the answer is no, please provide a brief description why. While most of my reports have been submitted in a timely manner, I do acknowledge some reports have been turned in late. I have tried my best to have reports submitted on time but there have been months when a report was late due to other commitments, priorities, or circumstances outside of my control. In addition to being the project manager for this radio system project, I must balance it with other responsibilities as the ECC Director and department head.

Tab 11

Standards Committee Report

Donna Wright

Tab 12

Technology Committee Report

Jeff Shipp/Tom Rogers/Greg

Dotson

Tab 12 a)

**AT&T and Intrado Issue Status
Report**

Josh Briggs/Robert Sergi

Tab 12 b)

General Report

Tab 13

911 Regional Coordinator Reports
Conner/Gardner/Newberry/Turbeville

Tab 14

Other
Pokey Harris

Adjourn

Next NC 911 Board Meeting – Friday, April 29, 2022, 10:00 AM - Noon
Wayne County PSAP/EOC, Goldsboro, and Simultaneous Communication

