

THE FRANKLIN COUNTY BOARD OF SUPERVISORS HELD A ON WORK SESSION ON THURSDAY, JUNE 26, 2014 AT 9:00 A.M., TO RECEIVE AN UPDATE ON THE PROPOSED PUBLIC SAFETY RADIO COMMUNICATIONS SYSTEM IN THE BOARD OF SUPERVISORS CONFERENCE ROOM LOCATED IN THE GOVERNMENT CENTER, 1255 FRANKLIN STREET, SUITE 110, ROCKY MOUNT, VIRGINIA.

THERE WERE PRESENT: David Cundiff, Chairman
 Bob Camicia
 Ronnie Thompson Left @ 11:30 a.m.
 Charles Wagner
 Leland Mitchell
 Bobby Thompson

ABSENT: Cline Brubaker, Vice-Chairman

OTHERS PRESENT: Richard E. Huff, II, County Administrator
 Christopher Whitlow, Deputy Co. Administrator

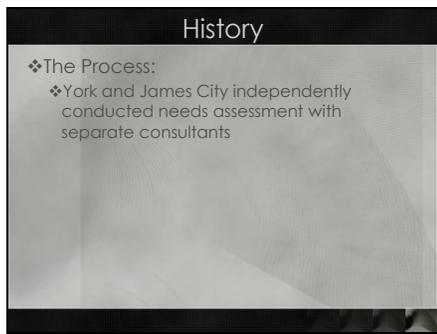
David Cundiff, Chairman, called the meeting to order.

Terry Hall, Chief of Emergency Communications for York-Poquoson-Williamsburg Emergency Communications Center presented the following PowerPoint and discussed the advantages and disadvantages of the different frequency bands and joint radio systems.

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Slide 3

Consultants' Conclusions

- ❖ Inadequate radio coverage
- ❖ Lack of Interoperability
- ❖ Age and life expectancy of current systems and technologies
- ❖ Radio channel capacity

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Consultants' Conclusions

- ❖ Increased downtime for existing communications infrastructure
- ❖ Radio interference
- ❖ Lack of VHF/UHF
- ❖ Efficient use of 700/800 MHz frequencies

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Regional Process

- ❖ York and James City County agreed to purchase and build a regional area wide emergency communication system in 2002
- ❖ A policy team was established comprised of county administration and public safety officials
- ❖ Initial system was deployed April 1, 2005
- ❖ Gloucester joined the regional system in 2009

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What was Deployed

- ❖ York / James City:
 - ❖ 800 MHz single integrated simulcast system
 - ❖ 20-channel (multiple talk groups)
 - ❖ 9-communication tower sites
 - ❖ State-of-the-art looped Microwave network
 - ❖ 800/700 MHz cross-compatible mobiles and portables
 - ❖ Digital /analog compatible equipment
 - ❖ P25 open-architecture system that will allow for interoperability (current/future)
 - ❖ Advanced Digital Privacy (ADP) (NC)
 - ❖ Integrated Voice & Data (IVD) (NC)

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Gloucester Partnership

- ❖ **Gloucester Expansion:**
 - ❖ 800 MHz single integrated simulcast system
 - ❖ 6-channel (multiple talk groups)
 - ❖ 5-communication tower sites
 - ❖ State-of-the-art looped Microwave network
 - ❖ 800/700 MHz cross-compatible mobiles and portables
 - ❖ Digital /analog compatible equipment
 - ❖ P25 open-architecture system that will allow for interoperability (current/future)
- ❖ Prime Site switch deleted shared regionally

- Bring G Curry in

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Regional Process cont.

- ❖ Formed regional purchasing cooperative
- ❖ Formed evaluation / project teams
 - ❖ County-wide study / interview groups
- ❖ Issued RFP for consultant services to design, acquire & implement 800 MHz system
- ❖ Issued multiple step RFP (Competitive BID/Negotiations with two commercial responses)
- ❖ Issued PO / Contract to Motorola

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The System

- ❖ It is 700/800 MHz single integrated simulcast system
- ❖ 26 channel (multiple talk groups) trunking systems
- ❖ 14 communication towers
- ❖ State of the art loop microwave network
- ❖ Digital / Analog compatible equipment
- ❖ P25 open architecture system that will allow for interoperability (Current and Future)
- ❖ Three independent 911 centers, radio communications consoles and interfaces
- ❖ Public Safety Designed and build provides public safety 95%-95% coverage

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Advantages of Regional System

- ❖ E911. Communications Center significantly back-up 911 services
- ❖ Huge Improvements to overall coverage / Sites will overlap providing in-building coverage as population continues to grow
- ❖ The team has a proven track record of providing public safety communications
- ❖ Dedicated Service Organization (FSO)
- ❖ Life-Cycle Management
- ❖ Redundancy / Back-up Coverage
- ❖ **Provides critical infrastructure for disaster management for Eastern Virginia**

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Advantages of Regional System

- ❖ Any communication site failure will have less impact because it will be backed filled by other sites
- ❖ Provides more channel capacity and spectrum
- ❖ Provides day to day interoperability
- ❖ Supports use of Regional Interoperability Grant Funding
- ❖ Procurements Process / Bulk Purchases
- ❖ Fewer tower sites
- ❖ Combine common infrastructure

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Advantages of Regional System

- ❖ The national interoperability and the Commonwealth of Virginia communications plan require P25 open architecture systems
- ❖ Connecting Hampton Roads Region to the Virginia Capital Regional with 800 MHz Radio Expansion

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Advantages of Regional System

- ❖ Initial Cost Savings of \$1 million
 - ❖ Reoccurring maintenance and software subscriptions will be shared. Saving in excess of \$1,500,000 over the life of the system based on the fact that the master site maintenance will be shared by the regional partners
- ❖ Sharing of Regional System Manager
 - ❖ New Kent County will not be required to hire a Systems Manager that will save in excess of \$800,000 over the life of the system.

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Proposed New Kent Expansion

Radio System Implementation

Step One: Build Radio Towers

- Zoning/Permits
- Surveys/Licensing/FAA
- Grading
- Foundations
- Tower Erection
- Lighting
- Grounding



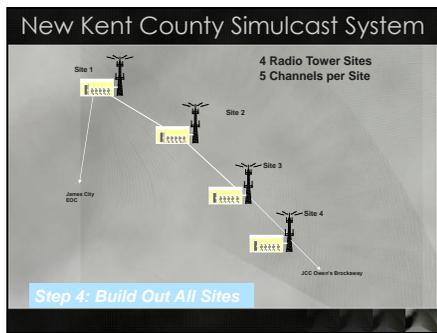
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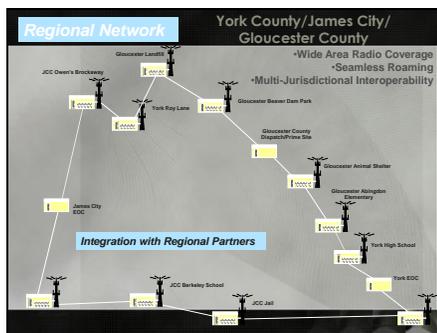
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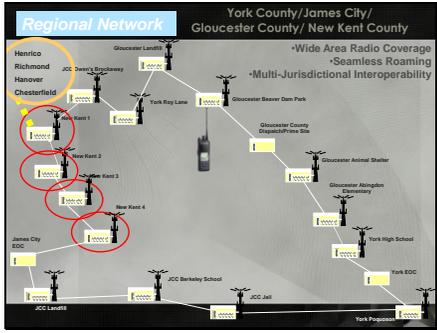
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Estimated Financial Commitments

- ❖ Contract signing 8/1/2014
 - ❖ Option 1
 - ❖ 1 year in arrears \$6.7 million estimate is \$809,000 a year
 - ❖ First payment due FY2016 (8/1/2015)
 - ❖ Option 2
 - ❖ 2 year in arrears \$6.7 million estimate is \$850,000 a year
 - ❖ First payment due FY2017 (8/1/2016)
- ❖ Warranty 2 year warranty for the system.
 - ❖ Maintenance begins 8/1/2017 (FY2018)
 - ❖ Annual Maintenance estimated at \$350,000

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Expansion to Regional System

- ❖ Colonial National Park Service
- ❖ Williamsburg Police Department
- ❖ Williamsburg Fire Department
- ❖ Williamsburg Public Works
- ❖ College of William & Mary
- ❖ Colonial Williamsburg Foundation
- ❖ United States Coast Guard
- ❖ Newport News / Hampton / York County grant
- ❖ HRPDC link
- ❖ Kingsmill PD
- ❖ Fords Colony
- ❖ Governors Land
- ❖ Camp Peary
- ❖ Sentara Hospital
- ❖ Poquoson PD
- ❖ Poquoson FD
- ❖ Poquoson Emergency Management
- ❖ Eastern State Hospital
- ❖ ORION

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Questions

(RESOLUTION #11-06-2014)
 BE IT THEREFORE RESOLVED, by the Board to instruct staff to open the 800MHz proposals and for the Engineer and radio committee to evaluate the proposals and bring back their findings to the Board.

MOTION BY: Bob Camicia

SECONDED BY: Bobby Thompson
VOTING ON THE MOTION WAS AS FOLLOWS:
AYES: Mitchell, Wagner, Camicia, Thompson & Cundiff
ABSSENT: Ronnie Thompson & Brubaker

THE MOTION PASSED WITH A 5-0-02 VOTE.

Chairman Cundiff adjourned the meeting.

DAVID CUNDIFF
CHAIRMAN

SHARON K. TUDOR, MMC
COUNTY CLERK