AGENDA

Public Safety Committee Meeting
Tuesday, February 2, 2016, 10:30 A.M.
Boardroom, 2nd Floor, City Hall

Committee Members: Chairwoman Pat Shelton, Joe Leonard, Wendy Sellars

Call to Order	**Chairwoman Pat Shelton**
Approval of Minutes	**January 5, 2016**

1. **Report on Radio Communication by Al Linker**
2. **Update – Police Department**
3. **Update – Fire Department**
4. **Additions/Updates**
5. **Adjournment**

A quorum of the council may be in attendance and may participate in the discussion, but not vote.

MINUTES

Public Safety Committee Meeting
Tuesday, January 5, 2016, 10:55 A.M.
Boardroom, 2nd Floor, City Hall

PRESENT: Mayor Raleigh York Jr; and Council Members: Chairwoman Pat Shelton; Ron Bratton; Neal Grimes; Joe Leonard; Jane Murphy; Wendy Sellars; Scott Styers; and City Manager Kelly Craver; Public Services Director Morgan Huffman; Police Chief Jeff Insley; Fire Chief Marty Dailey; Fire Department Captain Eddie Bowling; and Barney W. Hill.

The meeting was called to order by Chairwoman Pat Shelton. The minutes of October 6, 2015 were approved as presented.

1. **Fire Department Update – Chief Dailey**

Chief Dailey introduced Captain Eddie Bowling to give an update on the Emergency Operations Center.
Captain Bowling said Dolly Hulin had advised revising the Emergency Operations Plan to include an active shooter plan. In the next few months this plan will be practiced within the fire stations. Chief Insley and Captain Kattner have already been notified regarding conducting a full scale active shooter exercise. It will take about 6 months of planning. In order to get to that point we will have to set up some functional exercises which will include all city buildings.
Grant funding opens in April. Funds are available through the Hazard Mitigation Grant Program which provides funding to procure property in flood zones. Hamby Creek in Thomasville is a flood prone area which causes damage to properties fairly regularly; Plant B is in this area. Up to $275,000 is available for procuring and demolition of a property. Anything over that amount the city would have to pick up. Captain Bowling said they hope to obtain a piece of property prone to flood, tear it down and deem that property flood plain. That enables us to use the property for parks, walking trails, dog parks, etc.
Another opportunity for funding was to complete the Mitigation Plan Project. A community rating system through the National Flood Insurance Program is something the department wants to participate in. It's a points based program that provides insurance premium rate reductions of up to 45% for residents in Thomasville including business and residential.
Captain Bowling also wants to establish an Early Warning System. In monitoring the weather, if a particular area in the community is susceptible to more damage, warnings may be issued to take shelter or evacuate.
Captain Bowling provided a copy of the city Emergency Operations Plan that coincides with the Emergency Action Plan.

Chief Dailey reported experiencing problems with fires at the old Component Concepts building. The Fire Inspector has talked with the owners about securing the building.

Chief Dailey was directed to have the Fire Marshall write a letter to the bank to make them aware of the situation.

2. **Update on Police Department Design**

Kelly said we are talking about 2 things today, the site assessment and where we are with building design.
Site Assessment – A map was provided as the result of a wetlands study. The study shows a blue line stream and some wetlands in the area next to the Public Works Building. Information from the design firm shows there is still plenty of buildable room there. This will require some extra permitting but should not significantly change the cost of the site prep. Out of the 6 ½ acres there is still plenty of room to construct the building. A Phase 1 Environmental has been requested. We own the property but the study will show information on historic uses of the property and whether there would be any significant potential for environmental damage by prior use. It's a wooded lot that has only had a house on it to the best of Kelly's knowledge. Pricing for the study came in at $1800. GEO tech work has also been requested to ensure that the ground is suitable for footings; that work will cost $4700. The Phase 1 could be completed in January and the GEO tech work should come in early February. We are 75% done with preliminary design work. Once it is all completed that will be the time to make the commitment for this site or choose another one. An open vote at the March Council meeting may decide on the land only.
Building Design – Chief Insley provided diagrams to Council and told them they were not a design of what each individual group would look like, but diagrams He thanked Council for choosing Little & Associates, saying they were so good to work with. The team wants to efficiently use their space while working on the design of each department. The facility design is being based on 20 year growth while not using large numbers. There is a meeting scheduled for this week with the architect where the most recent changes will be made. He reminded everyone this is just conceptual right now. Chief also discussed the wellness center, the open garage area, and the area where open meetings will be held.

Chief commended his staff in working so well together on this project, he said they were given a concept; they worked on it together to come up with what they need.

Councilwoman Shelton said they had done a great job.

3. **Consideration of "No Parking Zone" by CV Products**
   High Tech Blvd – Lake Road

Vehicles tend to park all along Lake Road whenever east Davidson High School has a special event and it is creating a sight hazard. This is not a chronic problem; the issues arise only during highly attended special events.
Discussion was held.

Consideration of "No Parking within 50 feet of High Tech Blvd. on the East side of Lake Road" was moved to briefing.

4. Consideration of Special Event Permit Application

Kelly and Chief Insley created this Special Event Permit Application.
The city received last minute notification several months ago regarding a good sized event to be held downtown. The event was already planned although the city had not been notified. The city also recently received information from DOT on their requirements for modification of the use of their streets either by blocking them or having special events. There are many DOT streets in town; anytime we block those streets we must have permission from DOT. They have changed how we can do that. We can do it by Council action for the events we have that are repeating (Everybody's Day, Spring Daze, Memorial Day, and Christmas Parade.) If DOT streets are involved there is an application process that must go through DOT which could take up to 60 days.
The application explains all the details as to why the permit is necessary and that it should be posted at the location of the event. Due to so many departments involvement, a fee for the permit was set at $50. The application must be received 60 days prior to the event.

This item was moved to briefing.

5. Police Department Update – Chief Insley

Chief provided his monthly report to Council. He added that retail crime has become an issue and they are dealing with that. There has been an increase in vehicle break-ins; the number of weapons we are seeing on the streets has gone up greatly. Plans are currently underway to educate the public about leaving weapons in their vehicles.
Due to the President's recent budget, asset forfeiture is no longer in existence and we will not be receiving any more monies. The department's only source of revenue is from Homeland Security Investigations; that used to be 80/20, it is now 50/50. Should we be assisted by the Sheriff's Department or ALE, their percentage will come from our 50% of the funds. Chief said he is not sure how the impact will affect us.

The department has a Twitter account and also a program called "Next Door" as ways to keep citizens informed about what's going on in the city.

6. Additions/Updates

Chief Insley said the department will be creating a Humanitarian Award in Kim Sebastian's name. It will address the improvement of women, especially in law enforcement and with domestic violence because those were Kim's areas.

Kim will be greatly missed by all you knew her.

7. Adjournment

With no further business to come before committee, the meeting was adjourned.

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Kelly, Date: January 13, 2016

Viper Notes for discussion:

Thomasville give ups:

(9) 800 MHz frequencies- The State request you sign over any frequencies to the Viper system- it's hard to put a dollar value on these frequencies since they cannot be bought or sold

Land for equipment shelter- The State requires you to give them free lease of ground space for their equipment shelter and generator $?

Talk Groups and IDs- The State takes control of issuing system ID numbers and Talkgroup (Channel) IDs. The City request talkgroups and then Viper decides if you need them or not. They issue a range of IDs to the City for their use, you fill out their form and Raleigh approves and activates the IDs.

Tower and rental revenue- Viper wants the City to build the tower, give it to them and then they control and maintain it. $600,000

P25 site equipment- Viper wants the city to buy and pay for the site P25 equipment, sign it over to them and they take responsibility for operations and maintenance $1,500,000

Control- The City would have Viper operate the system for them. Ex: Thomasville requires talkgroups to be encrypted so criminals cannot hear communications. The State does not like to do encryption because it cuts down on system use and capacity. The City would need to pressure the State to allow this.

7.14- The Viper system is currently at Motorola system version 7.14, which they just went to last year. The proposed Thomasville system would be built at 7.16 or 7.17 to start with. This would be a more updated system and there are no plans in the works now to upgrade the Viper system

Davidson County would have to upgrade their console equipment at the 9-1-1 center to MCC7500 consoles to take advantage and control of a P25 system. Cost to the county approximately $1,000,000. If the County did not install 7500 consoles then Thomasville would have to install one at their expense. $100,000

Thomasville Required features that Viper does not offer or allow:

Private Call- the ability for just two units to talk together

Telephone Interconnect- The ability to make and receive calls over the radio- not allowed in the Viper system- the current Thomasville system provides this and is specifically needed by Thomasville PD to record phone calls may by officers for court cases.

SCADA- a feature whereby the city could control and monitor water and sewer stations, alarms, etc. using the radio system- not allowed in Viper

Unit and Channel priority- Viper controls if any unit or channel has any priority in the system. This has been a problem with site that don't have enough channel capacity.

Fail Soft- The ability of the system to continue to operate when there is a computer failure- Most Viper sites do not have.

GPS-AVL- a feature that Thomasville needs to implement that is not allowed in Viper

Authentication- a feature where every unit is checked electronically before it gets onto the system every time it talks- keeps out cloned and unauthorized radios- not allowed

Encryption- makes sure that no one can hear the radio communications- Thomasville would have to pay for all equipment. The State does not like to enable this feature since it impacts their system capacity.

MOST Important- Viper system was constructed to provide mobile coverage only and does not provide in building radio coverage

Note: Thomasville Public Safety units now have access the Viper system but do not have good radio coverage.

Others in the immediate area who chose not to use Viper:

Forsyth and Winston Salem
Greensboro and Guilford County
Kernersville
High Point and Archdale
Rowan and Salisbury
Cabarrus, Kannapolis
Stanly County
Mooresville

VIPER Advantages- NO user fees

Use of 700 and 800 frequencies also needs to be discussed due their large impact on operations

Craver, Kelly

From: Al Linker <a.linker@windstream.net>
Sent: Monday, January 25, 2016 1:19 PM
To: Craver, Kelly
Subject: Viper questions

Kelly,

I spoke with Marty Randal (VIPER Head of Operations) this morning. He confirmed that if the City or County buys equipment and adds it to one of their sites, that they must sign it over to the State for future maintenance. He explained that the State did not want anyone but their own crews to work on their system and he could not work on equipment not owned by the STATE. He did advise that if a City or County wanted to build their own total site (tower, equipment, shelter, generator) and **maintain it**, that they would allow it to be added to their system. If a City or County wanted to build their own tower and maintain it, that the City or County would have to lease them free space on the tower and ground for their equipment for access to their system. He also advised that Encryption is a possibility but that they do not pay for anything. The City would have to pay for any cost.

Marty advised too that if a City or County currently had any General Pool 800 frequencies that it was possible to add Public Service users to their system. The frequencies would have to be signed over as well and they would have to be of sufficient quantity to handle the public services loading, since 700 frequencies can only be used for Public Safety. The Public Services radios would also not have any priority in the system and therefore may have access issues when things got busy.

Just let me know when you need me. Thanks, Al

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Thomasville 800 Radio System Upgrade Project Cost Summary

The proposed upgrade includes replacing the existing Motorola 9 channel 800 MHz trunked radio system with a new Motorola 9 channel P25 Digital radio system. The existing system is over 21 years old and has several failed parts that are no longer reparable. The project also includes installation of a new City owned 500 foot self-supporting tower to be located beside the existing City owned equipment building located at the Winding Creek Golf Course. The City currently has its antennas mounted at the 180 foot level on the existing American Corp. owned tower. Upgrades to the existing equipment shelter, new replacement radios for Public Services and connection to the High Point/Guilford /Greensboro 800 Regional Radio System are also included.

800 System Hardware Motorola P25 system cost	$1,550,000
New Tower Cost Tower, Lighting, off loading and installation	450,000
Foundation Core borings, Surveying, pad installation, grading, R 56 grounding	150,000
Project Management FAA and FCC fees, Inspection fees, Applications and Permits, etc.	50,000
Tower Building Upgrades	
Generator	35,000
Alarm System	6,000
Electrical	5,000
Telco	4,000
Fencing	6,000
Radio Reprogramming	15,000
Public Services Radios 50 portables and 40 mobiles	270,000
Regional System User Fees (yearly)	50,400
System Maintenance (yearly) $??,??? Budgeted now	35,000
Contingency	40,000
TOTAL	**2,631,400**

Note: The new tower needs to be installed within the first two years of the project
The Public Services replacement radios may be delayed if necessary until the 2017-2018 budget year.

Respectfully, Al Linker