

Council Agenda Report

Date: January 23, 2017

Prepared by: Ginger Heatwole

Submitted by: Sandra Tripp-Jones

SUBJECT: Cameras in Greenwood Avenue area

Recommendation: That Council receive update on the cameras to be installed in Greenwood Avenue area.

Discussion:

On November 28, 2016, the Council approved the implementation of cameras in Greenwood Avenue area. Since then, a plan of action has been developed and implemented.

Plan of Action

Action: Select sites for cameras to provide best coverage

Status: Dale Price, the IT Coordinator and Dan Dvorak, Police Chief have located the best sites for the cameras. They have selected 12 sites at key points in the Greenwood Avenue area. If there was a choice between a pole with a quicker application phase (see next action), it was chosen.

Action: Receive approval from Delmarva Power (DPL) to add cameras

Status: Odie Wheeler, DPW Director, contacted DPL about adding cameras. There is an application process that takes 2-4 months for the approval. DPL is redoing its regulations regarding mounting objects on their poles, so they are creating a new application which won't be completed for 2 to 3 weeks. Mr. Wheeler is in contact to find out details of the new application process and determine whether there is any way to expedite the application process. Mr. Price has acquired all pole numbers, received the Chief's approval, and is ready to start the applications as soon as we are able. Odie Wheeler will assist.

Action: Equipment, a NVR (Network Video Recorder), the cameras and hard drives need to be built.

Status: The equipment has been ordered. Most of the equipment has been received. Everything will be built and in service by the end of January, at the latest.

Action: With approval from DPL, an electrician needs to install the electric equipment

Status: The electrician will be bid and a contract in place as soon as the application is approved. They will then install everything. Based on prior experience when we had Christmas lights installed on Pine Street 10 years ago, this will take approximately 2 weeks.

Action: After installation by the electrician, the poles will be inspected and DPL will schedule the energizing of the poles for the City's use and installation of the cameras and supporting equipment. Based on prior experience when we had Christmas lights installed on Pine Street 10 years ago, this will take approximately 2 to 3 weeks.

Status: Equipment has been purchased and will be built by the end of January so that once approval and energizing occurs, the cameras can be installed asap. In some cases, in order to get the best coverage, the location of cameras on adjacent poles will require underground directional boring to bring power and network connections to those cameras

Overall Schedule:

2 weeks	Equipment built
3 weeks	DPL Application submissions
8 – 14 weeks	DPL Application approvals
2 weeks	Electrical installation
2-3 weeks	DPL installation approval and energizing of equipment
17 - 24 weeks	Total

If Mr. Wheeler can get them to expedite approval on some/all of the applications, the number of weeks can be reduced as the bulk of the time will be taken by the application approval process.

Additional Items to Note

If some poles take longer to receive approval than others or directional boring is required for a site, this will not hold up the installation of other cameras. Cameras will be set up as soon as they can be for each location.

Alternate locations were explored such as building mounted systems, or installation of our own shorter poles. However, said sites would introduce many more variables and inefficiencies in maintaining the system or were cost prohibitive and would not meet the needs of covering the street.

Approved: 