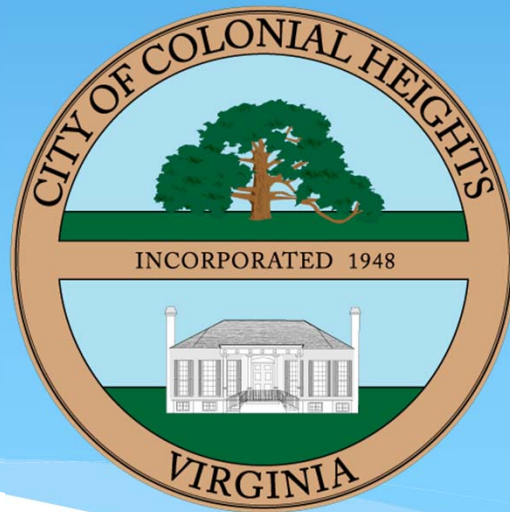


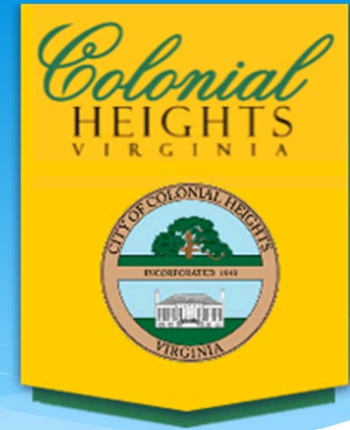
# Colonial Heights City Council Special Meeting

March 20, 2018



# Colonial Heights City Council Meeting

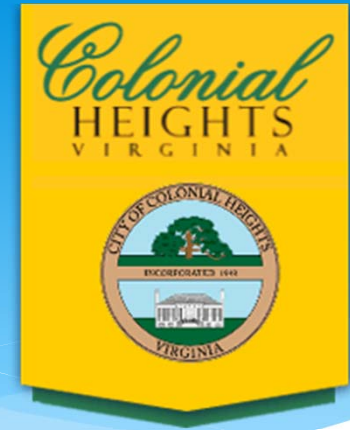
## March 20, 2018



- 1. Call to Order**

- 2. Roll Call**

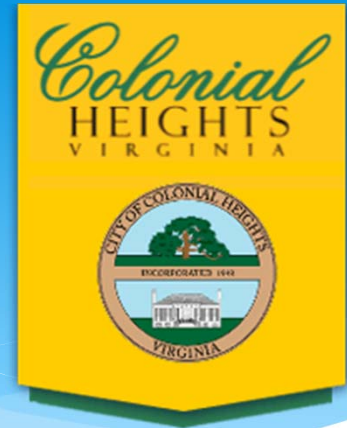
# Colonial Heights City Council Meeting March 20, 2018



## **3. Joint Meeting With The Colonial Heights Planning Commission**

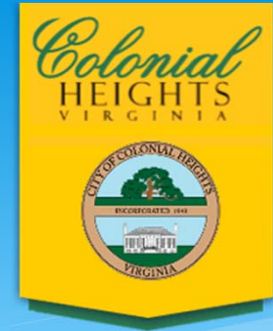
### ***A. Discussion Of the Residential Rehabilitation Tax Abatement Program.***

# Colonial Heights City Council Meeting March 20, 2018



## ***4. Declarations of Personal Interest***

# Colonial Heights City Council Meeting March 20, 2018

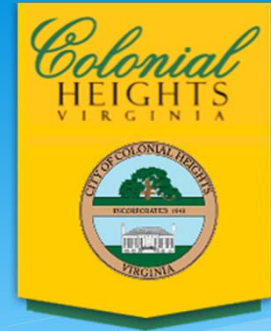


## ***5. Work Session On The Following Items:***

### ***A. Colonial Heights Public Schools State And Federal Funding Presentation.***

# Colonial Heights City Council Meeting

## March 20, 2018



### ***5. Work Session On The Following Items continued:***

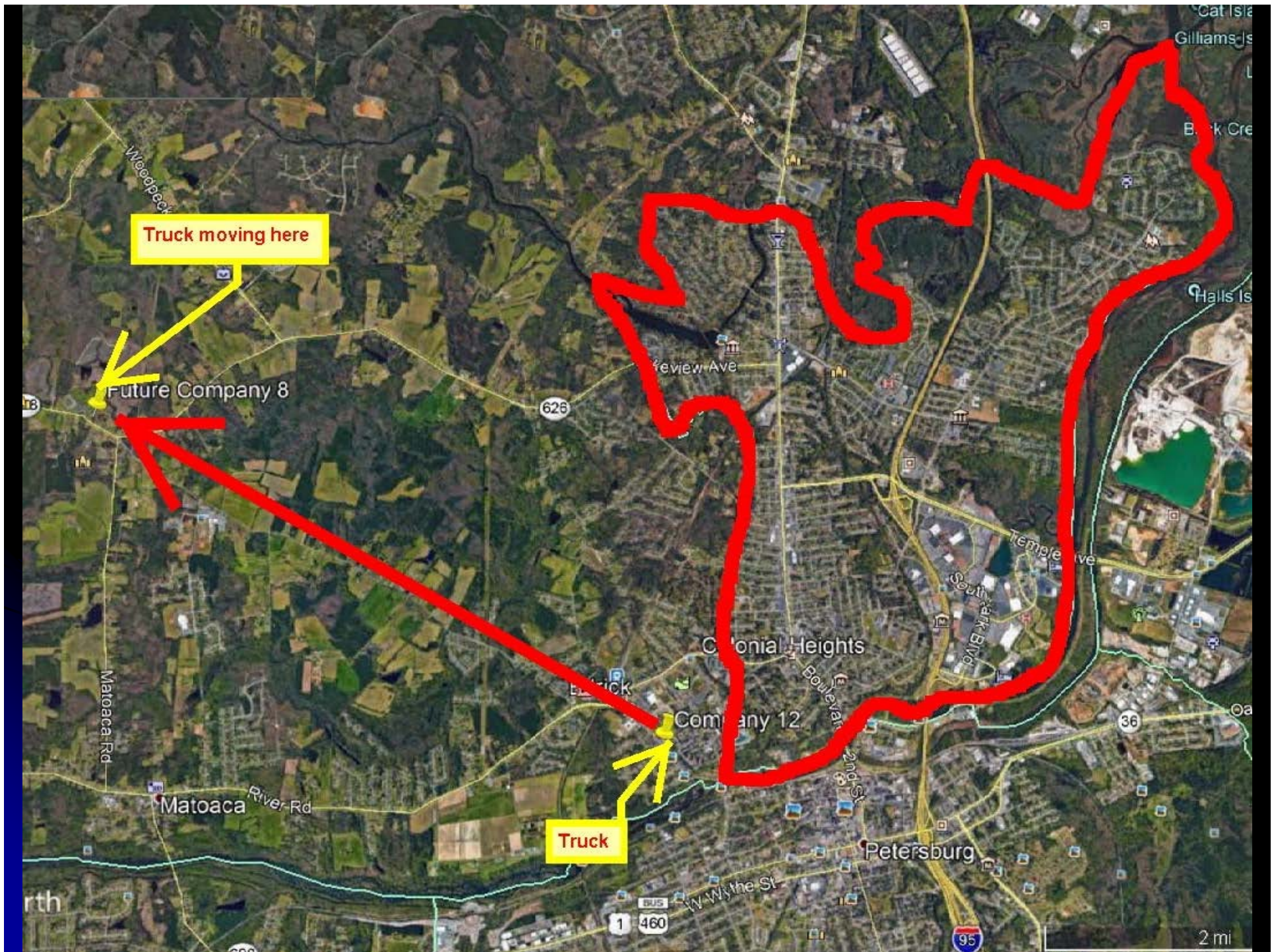
#### ***B. Proposed Capital Improvement Plan (CIP).***



In the year 2000 the City of Colonial Heights was in need of a ladder truck. Due to limited staffing resources the city decided the purchase of a “combination” vehicle that would serve as a ladder truck as well as a fire engine would be the most cost effective approach. Quint-2 was purchased 18 years ago using that concept.















# Quint-2 is heavily used

- Mileage = 54,482 miles
- Motor hours = 10,999 hours
- Aerial hours = 1,895 hours



# Quint-2 wearing out

- Out of service 2,315 hours (96.5 days) over last 22 months of tracking
- \$44,952 repair costs for parts and outside labor over the past 26 months (not including labor spent by city garage staff)

## ***Sampling of issues addressed***

- Aerial welds
- Failed generator
- Hydraulic fluid leaks
- Pump shift failure
- Failed wheel studs
- Brake problems
- Failed water pump and alternator





# Age – 2000 (18 years old) First-line unit

- NFPA 1901 Annex D recommends Apparatus over 15 year of age should Not be used in first line service.

- NFPA further recommends any unit over 25 years of age should be replaced.  
(not considered for reserve status)





# Current Fleet (large apparatus)

## *First out emergency response apparatus*

(18 years old)	Quint-2	2000 Pierce Ladder/pumper truck
(13 years old)	Engine-1	2005 American La France pumper
(6 years old)	Squad-2	2012 Pierce heavy rescue truck

## *Reserve apparatus*

(24 years old)	Squirt-1	1994 Pierce pumper/telesquirt
(27 years old)	Squirt-2	1991 Pierce pumper/telesquirt



# Squrt-2



# Squrt-2's function

- Used as a reserve engine to replace any first line unit that is out of service for repairs
- Staffed by Volunteers/Overtime personnel during weather emergencies
- Currently have 2 reserve engines (Squrt-1 and Squrt-2)



# Questions?



# *Computer Aided Dispatch (CAD)*





# CAD Users

Emergency Communications  
Fire and EMS  
Police  
Sheriff  
Commonwealth Attorney  
Public Works  
Utilities  
Animal Control



# CAD Functions

- Call Taking/911
- Next Gen 911 Interface with call location mapping
- Dispatch of units
- Mobile Mapping with AVL
- Mobile in the field reporting
- GIS with GeoValidation of addresses
- Mug shots and fingerprints
- Civil Process
- Records Management
- Bar code scanning of Drivers License
- Paging

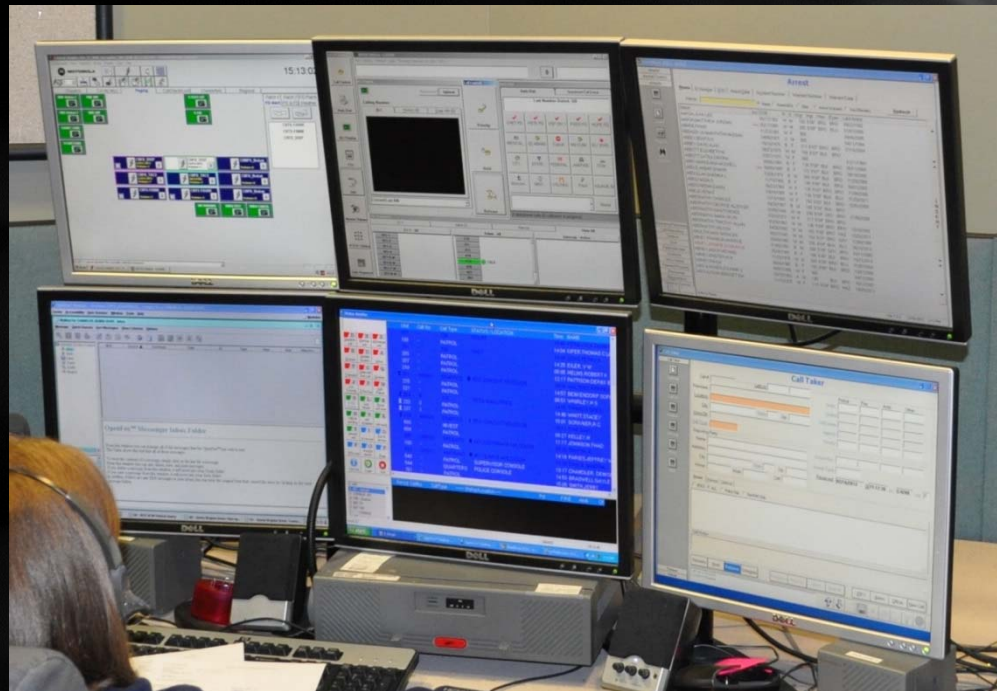
# CAD Functions

- Personnel Management
- Evidence Bar Code and Auditing
- Equipment Tracking
- EMS Reporting
- Fire Reporting
- VCIN and NCIC Integration
- Electronic Citations
- Pawn
- Interoperability
- Station Alerting
- Data Sharing
- Police Records
  - Training
  - Equipment
- Incident/Case Management



# Background

- Current DOS based system was installed in 1994.
- Last update to software in 2003
- One of three localities in Virginia



# Limitations

- Lack of Interoperability with other localities.  
CAD to CAD
- Not compliant with Next Gen 911
  - Text to 911
  - Aerial Photos
  - Parcel Maps
  - Pictures
- Outdated Mapping, unable to integrate GIS and Automatic Vehicle Location(AVL)



# Limitations

- Vendor slow to implement changes to meet current and future requirements.
- Inefficient and limited search capabilities
- Limited Licenses
- Case Management
- Animal Control Inventory
- Form Creation
- Unit Recommendation Fields
- Character length fields

# Benefits of New CAD

- CAD to CAD, reduces call taking and dispatch times
- Improved Mapping, integrates GIS and AVL
- Unlimited Licensing, currently only a handful can access at any given time
- Property, currently unable to perform efficient audits by officer or by storage bin
- Records Management, satisfies state specific coding and reports

# Benefits of New CAD

- Mobile CAD and Reporting
- Livescan Fingerprinting and Archive
- Civil Process service for Sheriff
- Next Gen 911 integration with Phones and Text to 911
- Regional Interoperability
- Create statistical data with reports and graphs



# Benefits of New CAD

- Improved Search Field
- Auto Populate Reports
- Spell Check
- Geo Validation of Address
- Share Vehicle and Person History across Jurisdictions
- Interface to Industry Leading Alarm Monitoring Systems

# Benefits of New CAD

- Case Management and Assignment
- Supervisor Accountability(Report Checking)
- User Configurable
- Integrated EMD instructions
- Multiple, Configurable full featured Command Lines
- Drag and Drop Dispatch



The background is a dark, almost black, abstract image. It features a series of light rays or beams that originate from the right side and fan out towards the left, creating a sense of depth and movement. The rays are slightly blurred, giving the impression of light passing through a medium like smoke or a lens.

QUESTIONS ?

# FY2018-2019 Proposed CIP Financing

## \* Projects

* Enterprise Resource Planning (Financial) System	\$1,300,000
* Public Safety Building Generator Replacement	300,000
* Computer Aided Dispatch Replacement	1,200,000
* Quint 2 Replacement	1,100,000
* CHHS Chiller Replacement	556,000
* CHHS Air Handler Replacement	217,600
* Tussing Kitchen HVAC Upgrade	<u>557,900</u>
	\$5,231,500

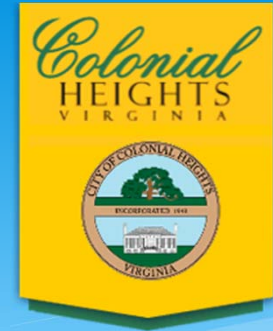
# Debt terms and financing

- \* Estimated \$5.4M 15 year bank-qualified bank loan
  - \* Match useful life of funded projects
  - \* Lower costs than bond issuance
- \* Estimated debt service:

	City	Schools	
FY18-19	\$90,000	\$30,000	(Interest only)
FY20-FY33	332,000	110,700	(Principal & Interest)



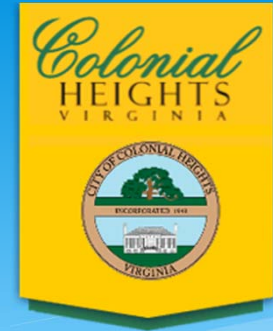
# Colonial Heights City Council Meeting March 20, 2018



## ***5. Work Session On The Following Items continued:***

### ***C. Proposed Advertised Tax Rate.***

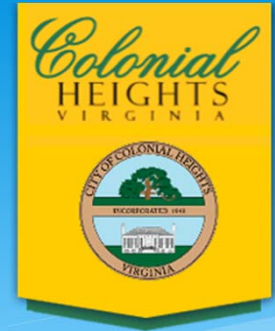
# Colonial Heights City Council Meeting March 20, 2018



## ***5. Work Session On The Following Items continued:***

### ***D. Planned FY2017-2018 Expenditure Reductions.***

# Colonial Heights City Council Meeting March 20, 2018

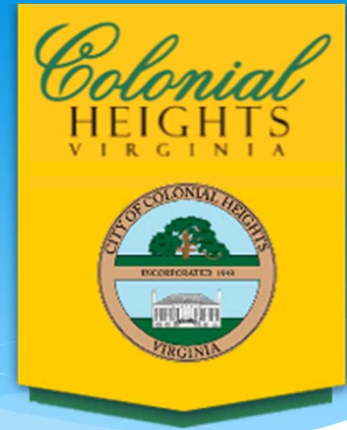


## ***5. Work Session On The Following Items continued:***

### ***E. Travel Policy Revisions.***



# Colonial Heights City Council Meeting March 20, 2018



## ***6. Adjournment***

# Colonial Heights City Council Special Meeting

March 20, 2018

