

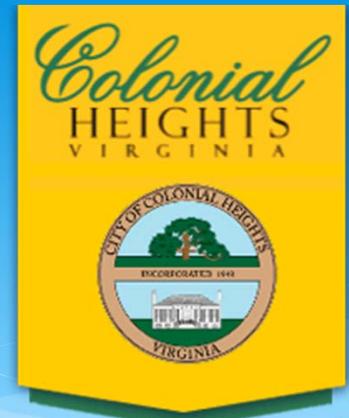
Colonial Heights City Council Special Meeting

March 20, 2018



Colonial Heights City Council Meeting

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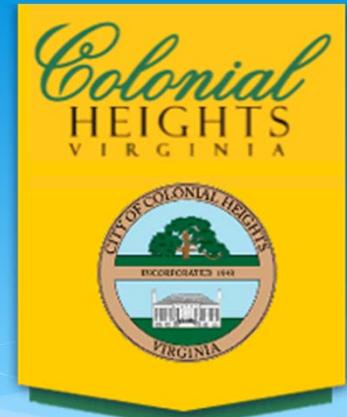


1. Call to Order

2. Roll Call

Colonial Heights City Council Meeting

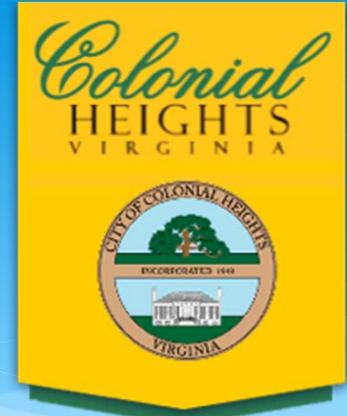
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- 3. Joint Meeting With The Colonial Heights Planning Commission**
 - A. Discussion Of the Residential Rehabilitation Tax Abatement Program.***

Colonial Heights City Council Meeting

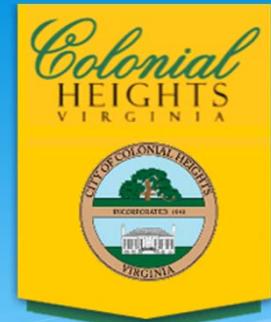
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4. Declarations of Personal Interest

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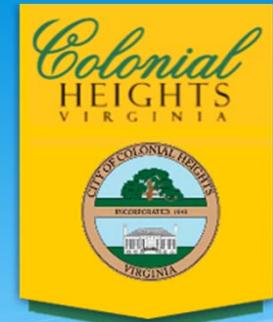
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- 5. Work Session On The Following Items:**
 - A. Colonial Heights Public Schools State And Federal Funding Presentation.**

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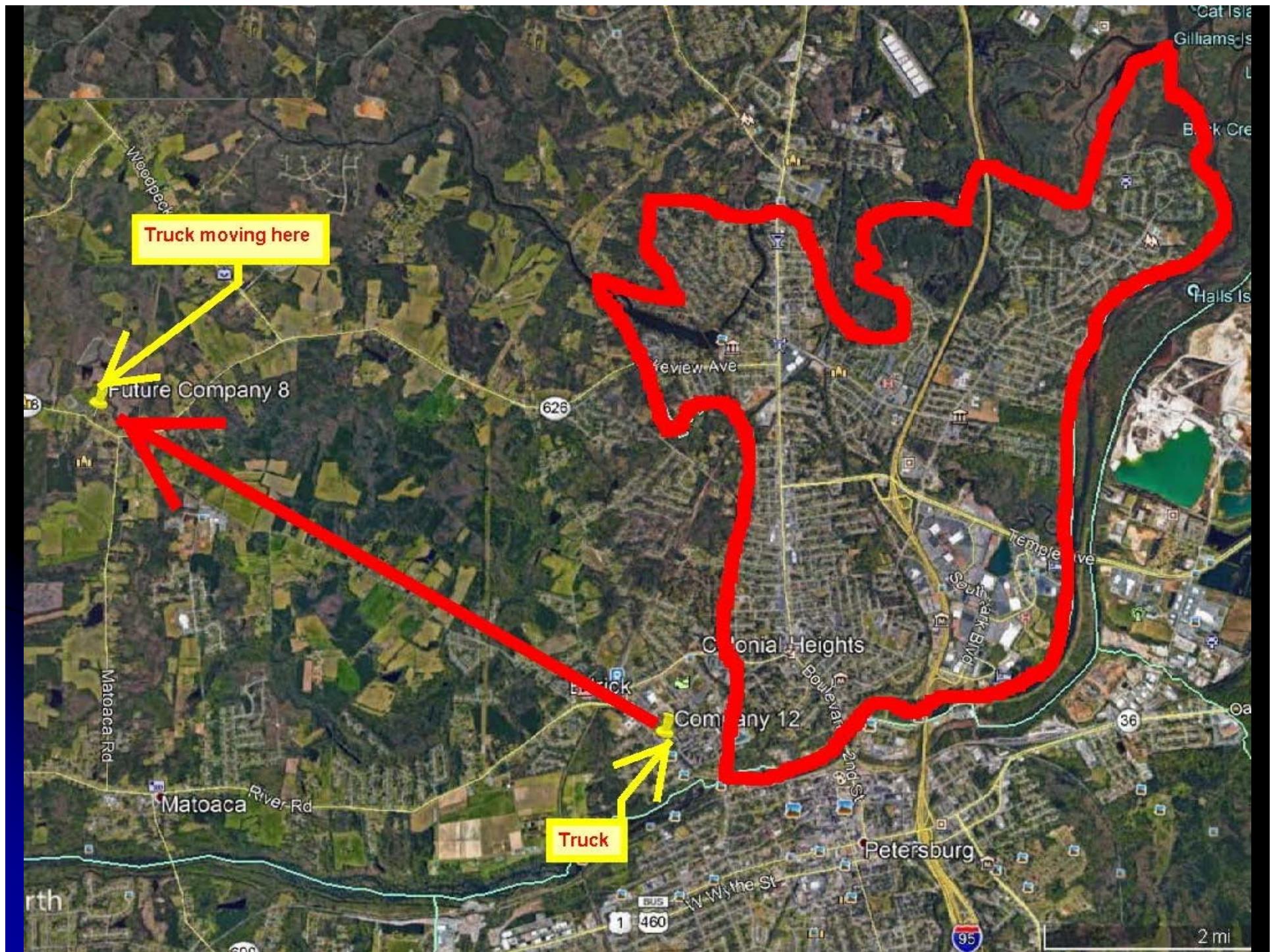
5. Work Session On The Following Items continued:

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



Squirt-2's function

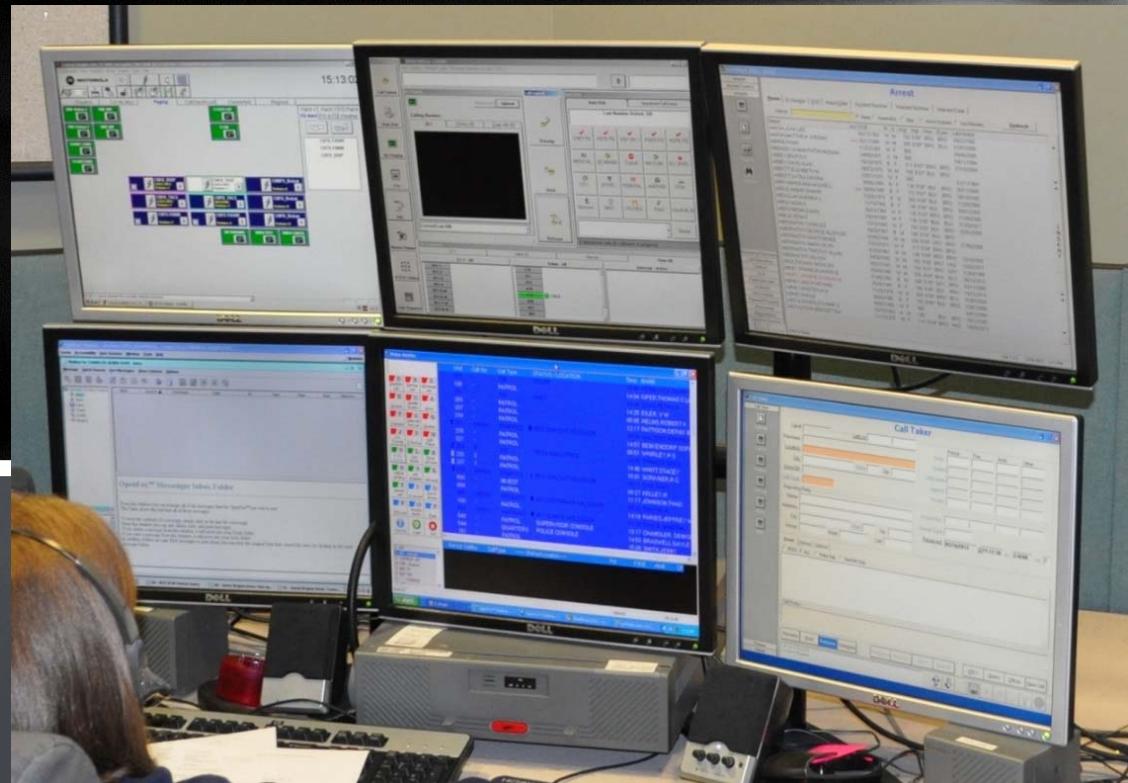
- Used as a reserve engine to replace any first line unit that is out of service for repairs
- Staffed by Volunteers/Overtime personnel during weather emergencies
- Currently have 2 reserve engines (Squirt-1 and Squirt-2)



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

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 |

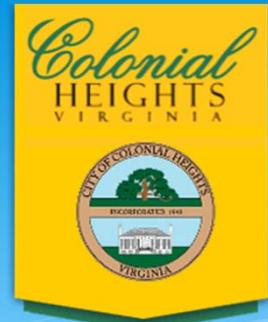
Debt terms and financing

- * 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) |

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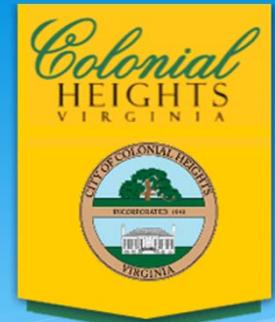


5. Work Session On The Following Items continued:

C. Proposed Advertised Tax Rate.

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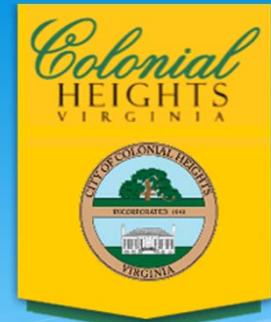


**5. Work Session On The Following Items
continued:**

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

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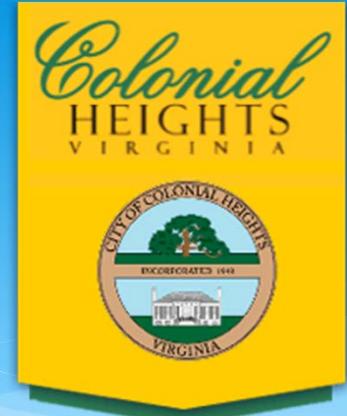


5. Work Session On The Following Items continued:

E. Travel Policy Revisions.

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6. Adjournment

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