Petersburg Fire Rescue &
Emergency Services

1907 South Sycamore Street
Fire Station 4 - Impact of Closure
1. Itemized estimate of how much Petersburg expects to save by closing Walnut Hill Fire Station?

- $26,000.00 was spent to remove the mold
- $17,000.00 is spent yearly on utilities
- Unknown cost amount to continue repairing the building
- Multiple building additions over the past decades
  - This property have been added on four times
2. Whether the Walnut Hill Fire Station is Temporarily or Permanently Closed?

- The station is currently closed
- As we get through this pandemic, it might be cost effective to build a pre-fab Fire Station based on sound needs and not tradition
3. Reasons for Closing Walnut Hill Fire Station?

- Financial constraints for remediation
- Recommendations for the FY 2017 Program to Eliminate the Gap (PEG)
4. If the Walnut Hill Fire Station is closed permanently:
   a. What is the City’s plan for the property and what is the City’s timetable for carrying out that plan?
      ▪ The property can be sold, and the proceeds go towards a new station
      ▪ Offered or sold to the EMS component
   b. How does closing the Walnut Hill Fire Station affect Petersburg’s ISO designation?
      ▪ The reduction of the Walnut Hill Station could reduce the City’s ISO designation, if response times have an impactful change. The final determination of the city’s rating level will not be known until the City is reevaluated by the Insurance Services Office (ISO) for Public Protection Classification (PPC)
   a. How does closing the Walnut Hill Fire Station affect the insurance rates of businesses and homes in the area?
      ▪ Insurance rates are assessed by individual insurance carries or companies. Those rates in turn are usually based of the locality’s ISO rating. In general, the lower the ISO rating for a locality, the higher insurance premiums will be for industry, businesses and homeowners.
5. Itemized estimate of how much Petersburg would save if Petersburg reopened the Walnut Hill Fire Station as soon as feasible and instead close the Johnson Road Fire Station and how this would affect Petersburg’s ISO 2 status and insurance rates of businesses and homes in the area?

- Johnson Road is our newest station
- Johnson Road provides rapid service deliveries to the High and Middle School
- Johnson Road can provide service to Walnut hill
- Johnson Road has Halifax Road Industrial Park
- The cost is associated with response population and response time
6. Information regarding the different ISO designations:

<table>
<thead>
<tr>
<th>ISO Designation</th>
<th>Maximum allowable response time</th>
<th>Insurance Rate</th>
<th>Other important metrics demonstrating the advantages and disadvantages</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISO 2</td>
<td>*NFPA 1710</td>
<td></td>
<td>ISO – Public Protection Classification (PPC) is derived from:</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• 50% based on staffing, training and station location</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• 40% on the city’s water supply</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• 10% on E911 system</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• An extra 5.5% on Public Fire Education</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Total average is 105.5% score</td>
</tr>
</tbody>
</table>

* NFPA 1710 called for the arrival of an initial engine company within 240 seconds (4 minutes) or less of driving time, with the balance of the first (initial) alarm arriving in 480 seconds (8 minutes) or less (610 seconds or 10 minutes and 10 seconds for high-rise buildings). These performance objectives should be met 90% of the time. The 2020 Edition continues these requirements, and in addition now calls for the arrival of a second properly staffed four-person unit to arrive within 360 seconds (6 minutes) or less. The standard is not specific as to whether the second arriving unit must be an engine, truck, squad, quint, or other specialty unit, provided it is staffed with four members. Thus, a command vehicle or EMS unit staffed with two or three members would not meet the standard for this second arriving unit.
7. Which ISO designation do these nearby municipalities have?

- Chesterfield: Class 2/2Y
- Colonial Heights: Class 4
- Dinwiddie: Class 5/5Y
- Hopewell: Class 4
- Prince George: Class 5/5Y
- Richmond: Class 1
7. Which ISO designation do these nearby municipalities have?

<table>
<thead>
<tr>
<th>Locality</th>
<th>ISO Class</th>
<th>No. of Fire Stations</th>
<th>*Population</th>
<th>*Square Miles</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chesterfield</td>
<td>Class 2/2Y</td>
<td>22</td>
<td>316,236</td>
<td>437</td>
</tr>
<tr>
<td>Dinwiddie</td>
<td>Class 5/5Y</td>
<td>6</td>
<td>28,001</td>
<td>507</td>
</tr>
<tr>
<td>Colonial Heights</td>
<td>Class 4</td>
<td>2</td>
<td>35,725</td>
<td>7.8</td>
</tr>
<tr>
<td>Hopewell</td>
<td>Class 4</td>
<td>2</td>
<td>22,591</td>
<td>10.8</td>
</tr>
<tr>
<td>Prince George</td>
<td>Class 5/5Y</td>
<td>6</td>
<td>35,725</td>
<td>282</td>
</tr>
<tr>
<td>Richmond</td>
<td>Class 1</td>
<td>20</td>
<td>204,214</td>
<td>62</td>
</tr>
</tbody>
</table>

* U.S. Census Bureau – 2010 Census
8. Itemize estimate of how much Petersburg would save if Petersburg transitioned from ISO 2 to ISO 3 as soon as feasible.

- The cost amounts are left to those conducting the ISO study
Inquiry Responses

GENERAL FACILITY
CONDITION: POOR!

NEEDS RENOVATION OR
REPLACEMENT

Station 2
50 S. Market Street
Petersburg, VA 23803
Built 1965
Inquiry Responses

GENERAL FACILITY CONDITION: POOR!

NEEDS REPLACEMENT

Station 3
1320 Farmer Street
Petersburg, VA 23803
Built 1955
Inquiry Responses

CLOSED

NEEDS REPLACEMENT

Station 4
1907 S. Sycamore Street
Petersburg, VA 23805
Built 1945
Inquiry Responses

GENERAL FACILITY CONDITION: FAIR CONDITION

NEEDS RENOVATION
9. Information regarding each of Petersburg’s four fire stations: 53% EMS, 43% are other calls, 4% are fire calls.

<table>
<thead>
<tr>
<th>Fire Station</th>
<th>Approximate Annual Operating Cost</th>
<th>Number of calls</th>
<th>Number of lives lost to fire in 2017 in this station’s primary call area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Market Street</td>
<td></td>
<td>771</td>
<td>872</td>
</tr>
<tr>
<td>Farmer Street</td>
<td></td>
<td>900</td>
<td>618</td>
</tr>
<tr>
<td>Walnut Hill</td>
<td></td>
<td>627</td>
<td>442</td>
</tr>
<tr>
<td>Johnson Road</td>
<td></td>
<td>255</td>
<td>273</td>
</tr>
</tbody>
</table>
Percentage of Incident Types

Year | EMS | Fire | Other |
2018 | 1,396 | 70 | 949 |
2019 | 2,017 | 177 | 1,636 |
2020 | 734 | 39 | 570 |
10. Information regarding Petersburg’s Full-Time Fireman, on average in 2019 separately for each of Petersburg’s four fire stations:

<table>
<thead>
<tr>
<th>Fire Station</th>
<th>Total Number of Hours Worked</th>
<th>Total Number of Hours fighting fire</th>
<th>Total Number of Hours spent getting or receiving instruction or training (education)</th>
<th>Total Number of Hours maintaining equipment</th>
<th>Total Number of Hours spent otherwise</th>
</tr>
</thead>
<tbody>
<tr>
<td>Market Street</td>
<td>2,920</td>
<td></td>
<td></td>
<td>Hours maintaining equipment and facilities are not tracked.</td>
<td></td>
</tr>
<tr>
<td>Farmer Street</td>
<td>2,920</td>
<td></td>
<td></td>
<td>All personnel have a daily routine requirement to address inspection and maintenance at the start of each shift and maintain throughout their shift</td>
<td></td>
</tr>
<tr>
<td>Walnut Hill</td>
<td>2,920</td>
<td></td>
<td></td>
<td>1 – 8 hr. day per week devoted to apparatus main’t</td>
<td></td>
</tr>
<tr>
<td>Johnson Road</td>
<td>2,920</td>
<td></td>
<td>2,172:40 total recorded</td>
<td>1 – 8 hr. day per week devoted to station main’t</td>
<td></td>
</tr>
</tbody>
</table>