North Columbia Fire Station
Community Meeting Agenda

7:00 pm  Introductions

7:10 pm  Fire & Rescue Presentation

7:20 pm  New Fire Station and Park Overview

7:30 pm  Questions and Answers

8:20 pm  Closing and Next Steps
North Columbia Fire Station & Banneker Redevelopment

- Original Banneker Station opened in 1969
- Originally housed 1 Ambulance and 1 Engine
- Opened as Station 51, part of Fifth District Volunteer Fire Department
- Original staffing was 2 people per 24-hour shift.

- Current station after sleeping quarters addition on left side of building
- Now houses 1 Ambulance, 1 Engine, and 1 Ladder Truck
- 24-hour minimum staffing of 10 people
North Columbia Fire Station
& Banneker Redevelopment

- Current building is 52 years old, in dire need of replacement
- Adjacent Condo community constructed in the 1990’s with no noted negative interactions
- Redevelopment plan includes 100 housing affordable housing units for seniors
- The Banneker site is 1 of 4 mixed use sites planned for downtown Columbia
- North Columbia Station is critical first step in the timeline of the Banneker Redevelopment Plan
Northwest Columbia (Station 15) First Due Response Area

- Ellicott City, Station 2
- NW Columbia, Station 15
- Long Reach, Station 9
- Clarksville, Station 5
- Banneker, Station 7
- Merriweather, Station 14

Legend:
- Proposed Stations
- Current Stations
- Station 15 First Due Area

Updated: March 4th, 2021
01. Fire Station

Six Minute Drive Time Map by Fire Station - NW Columbia

North Columbia Fire Station
03/25/2021
First Arriving ALS Unit to ALS Dispatched Incidents by Box Area 2015 - 2020 -- NW Columbia, Station 15

Average Response Time

Legend
- Proposed Stations
- Current Stations
- Station 15 First Due Area

Average ALS Response Time
- 0.00 - 2.00
- 2.01 - 4.00
- 4.01 - 6.00
- 6.01 - 7.00
- 7.01 - 8.00
- 8.01 - 9.00
- 9.01 - 10.00
- 10.01 - 19.30

North Columbia Fire Station
03/25/2021
01. Fire Station

High Risk Locations by Fire Box Area

Legend
- Current Stations
- Proposed Stations
- Station 15 First Due Area

High Risk Score
- 1 - 2
- 3 - 4
- 5 - 7
- 8 - 11
- 12 - 16
- 17

Total Score is based on the following two variables:
1. 10 year population growth
2. Incident Count

Scores Range from 1 (Low Risk) to 17 (High Risk).

Higher scores indicate high future population growth over the next 10 years and historically high incident volume from 2013 to 2019. Lower scores indicate low future population growth and historically low incident volume from 2013 to 2019.

Growth Score (Additional Population):
- 2,000 - 6,076 = 8
- 950 - 1,999 = 7
- 400 - 949 = 6
- 200 - 399 = 5
- 100 - 199 = 4
- 50 - 99 = 3
- 1 - 59 = 2
- 0 = 1
- Less than 0 = 0

Incident Count (Number of Incidents):
- 6,000 or more = 9
- 4,000 - 5,999 = 8
- 2,000 - 3,999 = 7
- 1,500 - 1,999 = 6
- 1,000 - 1,499 = 5
- 500 - 999 = 4
- 200 - 499 = 3
- 100 - 199 = 2
- 0 - 99 = 1
- 0 = 0

Updated: 3/11/2021
Chart to the right shows the chances of survival from a sudden cardiac arrest in minutes from incident without intervention.

Fire Propagation Model shows the timeline of fire spread from ignition to complete destruction. In general, beyond 8 minutes the fire breaches beyond the room of origin increasing the amount of property damage.
02. Facilities

EXISTING CEDAR LANE PARK EAST
02. Facilities & Rec & Parks

- NEW FLASHER
- LOOP PATH
- OUTDOOR FITNESS EQUIPMENT
- 8 PICKLE BALL COURTS
- GATE
- LANDSCAPING AND GARDEN
- EXISTING BASKETBALL COURTS
- EXISTING PARKING LOT
- NEW FIRE STATION
- S.W.M
- 24 SPACES

North Columbia Fire Station
03/25/2021
02. Building Location

SITE DENSITY STUDY

North Columbia Fire Station
10/30/2019
### Milestones:

- **Community Meeting/ Site concept layout conformation - March 25, 2021**
- **Site Design – March 2021 – April 2022**
- **Building Design – April 2021 – April 2022**
- **Bid/Permit – April 2022**
- **Construction – August 2022 – October 2023**

### Chart:

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<thead>
<tr>
<th>Task</th>
<th>Start</th>
<th>End</th>
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<tr>
<td>Community Meeting</td>
<td>3/25/21</td>
<td>3/25/21</td>
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<tr>
<td>Site Design</td>
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<td>4/15/22</td>
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<tr>
<td>Bid &amp; Permit Phase</td>
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<tr>
<td>Construction Begin</td>
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Closing and Next Steps