PROJECT UPDATES
PROJECT UPDATES

1. November 7, 2019 – School Board Action to Approve the Educational Specifications
2. November 18, 2019 – Community Meeting on Updates to the Columbia Pike Branch Library (hosted by Arlington County)
3. November 20, 2019 – Q&A Log
SCHEDULE UPDATE

Meeting #5
Building + Site Transportation

Meeting #6
Parking

Meeting #7
Preliminary Design Concepts
AGENDA
AGENDA

1. Recap from 11/20 Meeting on Bus and Car Pick-Up/Drop-Off (PU/DO) Elements
2. Review of Potential Parking Options
3. Group Design Exercise
4. Adjourn
RECAP FROM 11/20 MEETING ON BUS AND PU/DO ELEMENTS
BUSES
CAR PU/DO
POTENTIAL PARKING OPTIONS
**CHARGE: PARKING**

Develop options and estimated costs for various options for on-site parking during the Concept Design phase, including:

1. No structured parking and accessible parking spaces only provided on site
2. A one-level 225 to 250-space, below-grade parking structure
3. A two-level 450 to 500-space, below-grade parking structure
4. Other parking solutions that may emerge during Concept Design

Approval process:

1. BLPC/PFRC recommends the preferred parking option(s) to the School Board
2. The School Board will approve a parking solution when it approves the Concept Design
3. County Board approves Use Permit
## PARKING REQUIREMENTS PER ZONING

<table>
<thead>
<tr>
<th>Location</th>
<th>Spaces</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arlington Career Center</td>
<td>220 + 520</td>
<td>2,194</td>
</tr>
<tr>
<td>Arlington Community High School</td>
<td>20</td>
<td>200</td>
</tr>
<tr>
<td>Montessori Public School of Arlington</td>
<td>74</td>
<td>463</td>
</tr>
<tr>
<td>Columbia Pike Library</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL REQUIRED PARKING SPACES</strong></td>
<td><strong>354 + 520</strong></td>
<td><strong>520</strong></td>
</tr>
</tbody>
</table>
### Parking Requirements Per Zoning

<table>
<thead>
<tr>
<th>Location</th>
<th>Spaces</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arlington Career Center</td>
<td>220 + 520</td>
<td>2,194</td>
</tr>
<tr>
<td>Arlington Community High School</td>
<td>20</td>
<td>200</td>
</tr>
<tr>
<td>Montessori Public School of Arlington</td>
<td>74</td>
<td>463</td>
</tr>
<tr>
<td>Columbia Pike Library</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td><strong>Total Required Parking Spaces</strong></td>
<td>354 + 520</td>
<td></td>
</tr>
</tbody>
</table>

**Too Large & Unrealistic:** Calculation includes out of school usage (IE: Auditorium, Gym, etc).

**County Board Has the Authority to Reduce the Zoning-Required Parking**
SCENARIO A - 2 LVL PARKING BELOW GROUND

450-500 spaces

Opinion of Cost:
$31.1 to 33.8 M
SCENARIO B - 1_LVL PARKING BELOW GROUND

Opinion of Cost:

225-250 spaces

$15.5 to 16.9 M
SCENARIO C – NO ON-SITE PARKING

Available Off-site Garage Parking for Lease

Up to 200 spaces
SCENARIO D1 – PARKING ON GRADE

ALL IMPACTED MPSA AREAS WILL BE REBUILT

150 spaces

Opinion of Cost:

$ 3 M
SCENARIO D2 – PARKING ABOVE GROUND

ALL IMPACTED MPSA AREAS WILL BE REBUILT

300 spaces
Opinion of Cost:
$ 13.8 to 15 M
MEETING THE NEED?
# EVALUATING PARKING SUPPLY & DEMAND

<table>
<thead>
<tr>
<th>Scenario</th>
<th>Supply</th>
<th>Demand (2PM Peak)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Scenario A</strong></td>
<td>On-Site: 2 levels (450-500 spaces) <em>Below-grade</em></td>
<td>HS Staff: 210-247 spaces</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Scenario B</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Scenario C</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Scenario D</strong></td>
</tr>
<tr>
<td></td>
<td>Off-Site: Lease (up to 200 spaces)</td>
<td>Nearby Unrestricted: Up to 144 spaces</td>
</tr>
<tr>
<td></td>
<td>ECDC garage for temporary use only (up to 100 spaces under present agreement)</td>
<td>Total: 402-496 spaces</td>
</tr>
<tr>
<td></td>
<td>On-Street: Adjacent: 77 spaces</td>
<td><em>Low assumes TDM</em></td>
</tr>
</tbody>
</table>
ON-STREET SUPPLY

9th Street – Reserved for Bus or PU/DO Area
Adjacent Spaces
Not counting existing ACC demand, adjacent spaces are 7% occupied (77 of 83 spaces available) at 2PM
ON-STREET SUPPLY

Nearby Unrestricted Parking Spaces

Not counting existing ACC demand, unrestricted spaces are 34% occupied (144 of 219 spaces available) at 2PM

At 50% Occupancy: Up to 34 spaces occupied by ACC
At 75% Occupancy: Up to 89 spaces occupied by ACC
At 95% Occupancy: Up to 133 spaces occupied by ACC
WHERE TO ACCESS THE PARKING GARAGE?
PARKING ACCESS POINT

1. In & Out on Highland Street
PARKING ACCESS POINT

1. In & Out on Highland Street
2. In on Highland Street
   Out on Walter Reed
PARKING ACCESS POINT

1. In & Out on Highland Street
2. In on Highland Street
   Out on Walter Reed
3. In & Out on Walter Reed
   • Most likely right-in/right-out only
   • Can be combined with option 1
1. In & Out on Highland Street
2. In on Highland Street
   Out on Walter Reed
3. In & Out on Walter Reed
   • Most likely right-in/right-out only
   • Can be combined with option 1
4. In & Out on 7th
GROUP
DESIGN
EXERCISE
OTHER CONSIDERATIONS

- Safety
- Arrival Experience
- Community Benefit
- Long-term Flexibility
# Evaluating Parking Supply & Demand

<table>
<thead>
<tr>
<th>Scenario</th>
<th>On-Site</th>
<th>Off-Site</th>
<th>On-Street</th>
<th>Demand (2PM Peak)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A</strong></td>
<td>2 levels (450-500 spaces) <em>Below-grade</em></td>
<td>Lease (up to 200 spaces)</td>
<td></td>
<td>HS Staff: 210-247 spaces</td>
</tr>
<tr>
<td><strong>B</strong></td>
<td>1 level (225-250 spaces) <em>Below-grade</em></td>
<td>ECDC garage for temporary use only (up to 100 spaces under present agreement)</td>
<td></td>
<td>ES Staff: 72-79 spaces</td>
</tr>
<tr>
<td><strong>C</strong></td>
<td>Visitor/ADA Lot</td>
<td></td>
<td>Adjacent: 77 spaces</td>
<td>Students: 85-135 spaces</td>
</tr>
<tr>
<td><strong>D</strong></td>
<td>1-3 levels (up to 300 spaces) <em>Above-grade</em></td>
<td></td>
<td>Nearby Unrestricted: Up to 144 spaces</td>
<td>Library/Visitor: 35 spaces</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Total: 402-496 spaces</td>
</tr>
</tbody>
</table>

*Low assumes TDM
DESIGN CHALLENGE:

What is your group's preferred approach to parking? And why?
DO NOT FORGET!

YOU X
DO NOT FORGET!
As a reminder the APS Project Manager is:

Steve Stricker
(703) 228-7749
steven.stricker@apsva.us

Public meeting dates and past presentations are posted on the APS project website:  https://www.apsva.us/design-and-construction/arlington-career-center/

Next meeting: **December 18, 2019 @ 7:00pm**

To provide feedback and/or comments to APS use:  engage@apsva.us