Presentation Outline

• System overview
• Ridership statistics
• Ongoing challenges
APS Bus System Overview

189 vehicles
• General education buses: 133
• Special Education: 57

154 routes
• Covering 407 trips to schools
  • General education = 309
  • Special education = 98

149 Drivers

~2,500 bus stops

Note: all figures are from Fall 2018
### Bus Ridership

#### Students Eligible to be Transported in SY18-19

<table>
<thead>
<tr>
<th></th>
<th>Eligible</th>
<th>AM Actual</th>
<th>% Riding</th>
<th>PM Actual</th>
<th>% Riding</th>
</tr>
</thead>
<tbody>
<tr>
<td>General</td>
<td>15,347</td>
<td>10,234</td>
<td>67%</td>
<td>10,068</td>
<td>66%</td>
</tr>
<tr>
<td>Specialized</td>
<td>822*</td>
<td>512</td>
<td>62%</td>
<td>475</td>
<td>58%</td>
</tr>
<tr>
<td>Total</td>
<td>16,169</td>
<td>10,746</td>
<td>67%</td>
<td>10,543</td>
<td>65%</td>
</tr>
</tbody>
</table>

*Note: Actual student counts as required by VDoE. Collected October 2018  
*As of Jan 2019*
<table>
<thead>
<tr>
<th>Total Number of Bus Trips* for Each School Level</th>
<th>% of Trips Where the Assigned** No. of Students is &lt; 50% of Bus capacity</th>
<th>Number of Trips Where the Actual No. of Students Riding is &lt; 50% of Bus Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES: 141</td>
<td>14% (20 trips)</td>
<td>39% (55 trips/32 option)</td>
</tr>
<tr>
<td>MS: 61</td>
<td>5% (3 trips)</td>
<td>15% (9 trips/2 option)</td>
</tr>
<tr>
<td>HS: 73</td>
<td>14% (10 trips)</td>
<td>33% (24 trips)</td>
</tr>
<tr>
<td>H-B Woodlawn: 12</td>
<td>8% (1 trip)</td>
<td>42% (5 trips)</td>
</tr>
</tbody>
</table>

*Where counts were available

** Bus route planning includes all eligible bus students
Ongoing Challenges

- Chronic driver shortages *(16.5 average)*
- Number of trips *(400+)* and stops *(~2500)*
- Increasing traffic volumes
- Bell times
- Long routes & early pick ups
- Underutilized buses
- On time arrival
- Special education transportation planning
- Constrained budget limits fleet size
- Bus parking
Can be sick, approved leave, FMLA, admin leave....

Driver Shortage (Daily Average 16.5)
Visualizing 154 Routes
~2,500 Bus Stops
Arrival

- 7:50 AM (5 MS)
- 7:55 AM Career Ctr/Arlington Community HS
- 8:00 AM (4 ES)
- 8:19 AM (3 HS)
- 8:25 AM (4 ES)
- 9:00 AM (15 ES)
- 9:15 AM Stratford
- 9:24 AM H-B Woodlawn

Dismissal

- 2:24 PM (5 MS)
  ➢ 2:30 PM Sports Trips
- 2:41 PM (4 ES)
- 3:01 PM (3 HS)
- 3:06 PM (4 ES)
- 3:10 PM CC/Arlington Community
  ➢ 3:15 PM Sports Trips
- 3:41 PM (15 ES)
- 4:00 PM Stratford
- 4:06 PM H-B Woodlawn
  ➢ Late Buses
Long Routes

Drew North County Student Density

Drew Route 614

- 13 stops
- 1:06 hrs scheduled travel time; with traffic → 1:20 hrs
- Rarely on-time
## Average General Ed Bus Utilization

<table>
<thead>
<tr>
<th>Level</th>
<th>Neighborhood School/Trips</th>
<th>Option School/Trips</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elementary School</td>
<td>64%</td>
<td>46%</td>
</tr>
<tr>
<td>Middle School</td>
<td>75%</td>
<td>61%*</td>
</tr>
<tr>
<td>High School</td>
<td>62%</td>
<td>43%*</td>
</tr>
<tr>
<td>HB Woodlawn</td>
<td>n/a</td>
<td>52%</td>
</tr>
</tbody>
</table>

% = riding students/eligible students  
* = trips primarily serving out of boundary students for countywide programs
Specialized Transportation Services Planning Factors

Identifying # of Riders
• Eligibility determined through IEP and 504 meetings;
• Information transferred to Transportation
• Siblings may ride as well

Developing Routes

Ensuring Drivers with Specialized Training
• ~ 50 currently

Providing Attendants for Specialized Transportation vehicles
• 50 (of 70 total attendants)

Ensuring Vehicle Availability

Contracting with Other Transportation providers
• Taxi services (not managed by Transportation)
Other Constraints: Budget & Parking