



## **Frederick County Public Schools, VA Rezoning Study**

### **Meeting 1 Option Statistics**

**Cropper GIS**

**Enrollment Statistics Assumptions**

The following document contains a series of tables and maps that depict statistics for current schools and boundaries, as well as redistricting options that are being evaluated. These options are considered a DRAFT, and could be subject to change or new options created. This information will help inform all stakeholders on how schools could be potentially impacted as a result of potential redistricting adjustments, along with a comparison to current school information.

When estimating enrollment for the redistricting options, a series of assumptions were made. These assumptions help to ensure that actual enrollments will materialize as close to the estimates as possible. The following assumptions were made:

1. The New R. E. Aylor Middle School will have a capacity of 914 students.
2. Any 6<sup>th</sup> through 5<sup>th</sup> grade student living within an Middle School Zone is assumed to attend their zoned school.
3. Any student that could not be located in the GIS is assumed to be attending the school they currently attend.

All Student counts are based off of the Student Database received 05/22/2020.

**Middle School Options Estimated Enrollment Statistics**

For each Option, Estimated Enrollment is calculated by adding all of the 6<sup>th</sup> through 5<sup>th</sup> Grade students that live inside each zone, plus any Unmatched students that currently attend that school. These estimates are based off the current student population and where they live. They have not been projected or forecasted into the future.

| Middle School         | 2019-20 Capacity | 06          | 07          | 08          | Total Enrolled | Enrolled Utilization |
|-----------------------|------------------|-------------|-------------|-------------|----------------|----------------------|
| Admiral R. E. Byrd MS | 900              | 354         | 345         | 333         | 1032           | 115%                 |
| Frederick County MS   | 900              | 256         | 301         | 275         | 832            | 92%                  |
| James Wood MS         | 900              | 306         | 307         | 274         | 887            | 99%                  |
| R. E. Aylor MS        | 720              | 194         | 221         | 212         | 627            | 87%                  |
| <b>Total</b>          | <b>3420</b>      | <b>1110</b> | <b>1174</b> | <b>1094</b> | <b>3378</b>    | <b>99%</b>           |

| Middle School         | Option Capacity | Option 1    |             |             | Estimated Enrollment | Estimated Utilization |
|-----------------------|-----------------|-------------|-------------|-------------|----------------------|-----------------------|
|                       |                 | 06          | 07          | 08          |                      |                       |
| Admiral R. E. Byrd MS | 900             | 293         | 282         | 281         | 856                  | 95%                   |
| Frederick County MS   | 900             | 257         | 305         | 287         | 849                  | 94%                   |
| James Wood MS         | 900             | 306         | 306         | 259         | 871                  | 97%                   |
| R. E. Aylor MS        | 914             | 254         | 281         | 267         | 802                  | 88%                   |
| <b>Total</b>          | <b>3614</b>     | <b>1110</b> | <b>1174</b> | <b>1094</b> | <b>3378</b>          | <b>93%</b>            |

| Middle School         | Option Capacity | Option 2    |             |             | Estimated Enrollment | Estimated Utilization |
|-----------------------|-----------------|-------------|-------------|-------------|----------------------|-----------------------|
|                       |                 | 06          | 07          | 08          |                      |                       |
| Admiral R. E. Byrd MS | 900             | 295         | 272         | 283         | 850                  | 94%                   |
| Frederick County MS   | 900             | 257         | 305         | 287         | 849                  | 94%                   |
| James Wood MS         | 900             | 304         | 316         | 257         | 877                  | 97%                   |
| R. E. Aylor MS        | 914             | 254         | 281         | 267         | 802                  | 88%                   |
| <b>Total</b>          | <b>3614</b>     | <b>1110</b> | <b>1174</b> | <b>1094</b> | <b>3378</b>          | <b>93%</b>            |

| Middle School         | Option Capacity | Option 3    |             |             | Estimated Enrollment | Estimated Utilization |
|-----------------------|-----------------|-------------|-------------|-------------|----------------------|-----------------------|
|                       |                 | 06          | 07          | 08          |                      |                       |
| Admiral R. E. Byrd MS | 900             | 300         | 282         | 291         | 873                  | 97%                   |
| Frederick County MS   | 900             | 257         | 305         | 287         | 849                  | 94%                   |
| James Wood MS         | 900             | 299         | 306         | 249         | 854                  | 95%                   |
| R. E. Aylor MS        | 914             | 254         | 281         | 267         | 802                  | 88%                   |
| <b>Total</b>          | <b>3614</b>     | <b>1110</b> | <b>1174</b> | <b>1094</b> | <b>3378</b>          | <b>93%</b>            |

**Middle School Options Estimated Enrollment Statistics(Continued)**

| Middle School         | Option Capacity | Option 4    |             |             | Estimated Enrollment | Estimated Utilization |
|-----------------------|-----------------|-------------|-------------|-------------|----------------------|-----------------------|
|                       |                 | 06          | 07          | 08          |                      |                       |
| Admiral R. E. Byrd MS | 900             | 284         | 286         | 275         | 845                  | 94%                   |
| Frederick County MS   | 900             | 258         | 305         | 287         | 850                  | 94%                   |
| James Wood MS         | 900             | 298         | 299         | 252         | 849                  | 94%                   |
| R. E. Aylor MS        | 914             | 270         | 284         | 280         | 834                  | 91%                   |
| <b>Total</b>          | <b>3614</b>     | <b>1110</b> | <b>1174</b> | <b>1094</b> | <b>3378</b>          | <b>93%</b>            |

**Middle School Options Free and Reduced Meals Statistics**

| Middle School         | Enrolled                |                             | Option 1                |                             | Option 2                |                             |
|-----------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
|                       | Free or Reduced Meals % | Non-Free or Reduced Meals % | Free or Reduced Meals % | Non-Free or Reduced Meals % | Free or Reduced Meals % | Non-Free or Reduced Meals % |
| Admiral R. E. Byrd MS | 32%                     | 68%                         | 32%                     | 68%                         | 27%                     | 73%                         |
| Frederick County MS   | 38%                     | 62%                         | 37%                     | 63%                         | 37%                     | 63%                         |
| James Wood MS         | 49%                     | 51%                         | 49%                     | 51%                         | 53%                     | 47%                         |
| R. E. Aylor MS        | 45%                     | 55%                         | 43%                     | 57%                         | 43%                     | 57%                         |
| <b>Total</b>          | <b>40%</b>              | <b>60%</b>                  | <b>40%</b>              | <b>60%</b>                  | <b>40%</b>              | <b>60%</b>                  |

| Middle School         | Option 3                |                             | Option 4                |                             |
|-----------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
|                       | Free or Reduced Meals % | Non-Free or Reduced Meals % | Free or Reduced Meals % | Non-Free or Reduced Meals % |
| Admiral R. E. Byrd MS | 29%                     | 71%                         | 28%                     | 72%                         |
| Frederick County MS   | 37%                     | 63%                         | 38%                     | 62%                         |
| James Wood MS         | 52%                     | 48%                         | 49%                     | 51%                         |
| R. E. Aylor MS        | 43%                     | 57%                         | 47%                     | 53%                         |
| <b>Total</b>          | <b>40%</b>              | <b>60%</b>                  | <b>40%</b>              | <b>60%</b>                  |

**Middle School Options Race and Ethnicity Statistics**

| Middle School         | Enrolled      |               |                                         |               |                                           |                           |                      |                  |
|-----------------------|---------------|---------------|-----------------------------------------|---------------|-------------------------------------------|---------------------------|----------------------|------------------|
|                       | Percent Black | Percent White | Percent American Indian/ Alaskan Native | Percent Asian | Percent Native Hawaiian/ Pacific Islander | Percent Two Or More Races | Percent Non-Hispanic | Percent Hispanic |
| Admiral R. E. Byrd MS | 5.0%          | 84.7%         | 0.6%                                    | 3.6%          | 0.2%                                      | 5.9%                      | 78.4%                | 21.6%            |
| Frederick County MS   | 1.6%          | 94.5%         | 0.7%                                    | 0.5%          | 0.0%                                      | 2.8%                      | 91.1%                | 8.9%             |
| James Wood MS         | 4.6%          | 85.9%         | 0.6%                                    | 2.8%          | 0.0%                                      | 6.1%                      | 65.6%                | 34.4%            |
| R. E. Aylor MS        | 7.7%          | 85.3%         | 0.5%                                    | 0.8%          | 0.2%                                      | 5.6%                      | 84.2%                | 15.8%            |
| <b>Total</b>          | <b>4.6%</b>   | <b>87.5%</b>  | <b>0.6%</b>                             | <b>2.1%</b>   | <b>0.1%</b>                               | <b>5.1%</b>               | <b>79.2%</b>         | <b>20.8%</b>     |

| Middle School         | Option 1      |               |                                         |               |                                           |                           |                      |                  |
|-----------------------|---------------|---------------|-----------------------------------------|---------------|-------------------------------------------|---------------------------|----------------------|------------------|
|                       | Percent Black | Percent White | Percent American Indian/ Alaskan Native | Percent Asian | Percent Native Hawaiian/ Pacific Islander | Percent Two Or More Races | Percent Non-Hispanic | Percent Hispanic |
| Admiral R. E. Byrd MS | 5.1%          | 85.0%         | 0.6%                                    | 3.0%          | 0.1%                                      | 6.1%                      | 80.3%                | 19.7%            |
| Frederick County MS   | 1.5%          | 94.5%         | 0.7%                                    | 0.5%          | 0.0%                                      | 2.8%                      | 91.4%                | 8.6%             |
| James Wood MS         | 4.5%          | 86.2%         | 0.6%                                    | 2.9%          | 0.0%                                      | 5.9%                      | 65.1%                | 34.9%            |
| R. E. Aylor MS        | 7.2%          | 84.3%         | 0.5%                                    | 2.0%          | 0.2%                                      | 5.7%                      | 80.7%                | 19.3%            |
| <b>Total</b>          | <b>4.6%</b>   | <b>87.5%</b>  | <b>0.6%</b>                             | <b>2.1%</b>   | <b>0.1%</b>                               | <b>5.1%</b>               | <b>79.2%</b>         | <b>20.8%</b>     |

| Middle School         | Option 2      |               |                                         |               |                                           |                           |                      |                  |
|-----------------------|---------------|---------------|-----------------------------------------|---------------|-------------------------------------------|---------------------------|----------------------|------------------|
|                       | Percent Black | Percent White | Percent American Indian/ Alaskan Native | Percent Asian | Percent Native Hawaiian/ Pacific Islander | Percent Two Or More Races | Percent Non-Hispanic | Percent Hispanic |
| Admiral R. E. Byrd MS | 4.9%          | 85.6%         | 0.5%                                    | 3.4%          | 0.1%                                      | 5.4%                      | 81.6%                | 18.4%            |
| Frederick County MS   | 1.5%          | 94.5%         | 0.7%                                    | 0.5%          | 0.0%                                      | 2.8%                      | 91.4%                | 8.6%             |
| James Wood MS         | 4.7%          | 85.6%         | 0.7%                                    | 2.5%          | 0.0%                                      | 6.5%                      | 63.9%                | 36.1%            |
| R. E. Aylor MS        | 7.2%          | 84.3%         | 0.5%                                    | 2.0%          | 0.2%                                      | 5.7%                      | 80.7%                | 19.3%            |
| <b>Total</b>          | <b>4.6%</b>   | <b>87.5%</b>  | <b>0.6%</b>                             | <b>2.1%</b>   | <b>0.1%</b>                               | <b>5.1%</b>               | <b>79.2%</b>         | <b>20.8%</b>     |

| Middle School         | Option 3      |               |                                         |               |                                           |                           |                      |                  |
|-----------------------|---------------|---------------|-----------------------------------------|---------------|-------------------------------------------|---------------------------|----------------------|------------------|
|                       | Percent Black | Percent White | Percent American Indian/ Alaskan Native | Percent Asian | Percent Native Hawaiian/ Pacific Islander | Percent Two Or More Races | Percent Non-Hispanic | Percent Hispanic |
| Admiral R. E. Byrd MS | 4.9%          | 85.5%         | 0.6%                                    | 2.7%          | 0.1%                                      | 6.2%                      | 81.8%                | 18.2%            |
| Frederick County MS   | 1.5%          | 94.5%         | 0.7%                                    | 0.5%          | 0.0%                                      | 2.8%                      | 91.4%                | 8.6%             |
| James Wood MS         | 4.7%          | 85.8%         | 0.6%                                    | 3.2%          | 0.0%                                      | 5.7%                      | 63.2%                | 36.8%            |
| R. E. Aylor MS        | 7.2%          | 84.3%         | 0.5%                                    | 2.0%          | 0.2%                                      | 5.7%                      | 80.7%                | 19.3%            |
| <b>Total</b>          | <b>4.6%</b>   | <b>87.5%</b>  | <b>0.6%</b>                             | <b>2.1%</b>   | <b>0.1%</b>                               | <b>5.1%</b>               | <b>79.2%</b>         | <b>20.8%</b>     |

| Middle School         | Option 4      |               |                                         |               |                                           |                           |                      |                  |
|-----------------------|---------------|---------------|-----------------------------------------|---------------|-------------------------------------------|---------------------------|----------------------|------------------|
|                       | Percent Black | Percent White | Percent American Indian/ Alaskan Native | Percent Asian | Percent Native Hawaiian/ Pacific Islander | Percent Two Or More Races | Percent Non-Hispanic | Percent Hispanic |
| Admiral R. E. Byrd MS | 4.5%          | 87.2%         | 0.5%                                    | 2.8%          | 0.1%                                      | 4.9%                      | 82.2%                | 17.8%            |
| Frederick County MS   | 1.5%          | 94.5%         | 0.7%                                    | 0.5%          | 0.0%                                      | 2.8%                      | 91.4%                | 8.6%             |
| James Wood MS         | 4.6%          | 86.0%         | 0.6%                                    | 2.9%          | 0.0%                                      | 5.9%                      | 64.8%                | 35.2%            |
| R. E. Aylor MS        | 7.7%          | 82.4%         | 0.6%                                    | 2.2%          | 0.2%                                      | 7.0%                      | 78.5%                | 21.5%            |
| <b>Total</b>          | <b>4.6%</b>   | <b>87.5%</b>  | <b>0.6%</b>                             | <b>2.1%</b>   | <b>0.1%</b>                               | <b>5.1%</b>               | <b>79.2%</b>         | <b>20.8%</b>     |

**Elementary School Option Impacts**

The cells colored in green reflect live-in students who are not moved, and the cells colored in tan show the number of live-in students that are moved, where they are currently zoned, and where they will be zoned per the option. The first table shows a sum of all students impacted per the option and the total percentage of Live-In students impacted.

| Student Impact Estimates |                                       |                                         |
|--------------------------|---------------------------------------|-----------------------------------------|
| Option                   | Total 6-8th Live-In Students Impacted | Percent 6-8th Live-In Students Impacted |
| DRAFT Option 1           | 162                                   | 4.1%                                    |
| DRAFT Option 2           | 380                                   | 11.4%                                   |
| DRAFT Option 3           | 289                                   | 8.6%                                    |
| DRAFT Option 4           | 374                                   | 11.2%                                   |

| MS Zone 2018-19       | MS DRAFT Option 1 Zone | Total 6-8th Live In Students |
|-----------------------|------------------------|------------------------------|
| Admiral R. E. Byrd MS | Admiral R. E. Byrd MS  | 855                          |
| Admiral R. E. Byrd MS | R. E. Aylor MS         | 161                          |
| Frederick County MS   | Frederick County MS    | 836                          |
| Frederick County MS   | R. E. Aylor MS         | 1                            |
| James Wood MS         | James Wood MS          | 855                          |
| R. E. Aylor MS        | R. E. Aylor MS         | 639                          |
| R. E. Aylor MS        | R. E. Aylor MS         | 639                          |

| MS Zone 2018-19       | MS Draft Option 2 Zone | Total 6-8th Live In Students |
|-----------------------|------------------------|------------------------------|
| Admiral R. E. Byrd MS | Admiral R. E. Byrd MS  | 743                          |
| Admiral R. E. Byrd MS | James Wood MS          | 112                          |
| Admiral R. E. Byrd MS | R. E. Aylor MS         | 161                          |
| Frederick County MS   | Frederick County MS    | 836                          |
| Frederick County MS   | R. E. Aylor MS         | 1                            |
| James Wood MS         | Admiral R. E. Byrd MS  | 106                          |
| James Wood MS         | James Wood MS          | 749                          |
| R. E. Aylor MS        | R. E. Aylor MS         | 639                          |

| MS Zone 2018-19       | MS DRAFT Option 3 Zone | Total 6-8th Live In Students |
|-----------------------|------------------------|------------------------------|
| Admiral R. E. Byrd MS | Admiral R. E. Byrd MS  | 800                          |
| Admiral R. E. Byrd MS | James Wood MS          | 55                           |
| Admiral R. E. Byrd MS | R. E. Aylor MS         | 161                          |
| Frederick County MS   | Frederick County MS    | 836                          |
| Frederick County MS   | R. E. Aylor MS         | 1                            |
| James Wood MS         | Admiral R. E. Byrd MS  | 72                           |
| James Wood MS         | James Wood MS          | 783                          |
| R. E. Aylor MS        | R. E. Aylor MS         | 639                          |

| MS Zone 2018-19       | MS DRAFT Option 4 Zone | Total 6-8th Live In Students |
|-----------------------|------------------------|------------------------------|
| Admiral R. E. Byrd MS | Admiral R. E. Byrd MS  | 743                          |
| Admiral R. E. Byrd MS | R. E. Aylor MS         | 273                          |
| Frederick County MS   | Frederick County MS    | 837                          |
| James Wood MS         | Admiral R. E. Byrd MS  | 22                           |
| James Wood MS         | James Wood MS          | 833                          |
| R. E. Aylor MS        | Admiral R. E. Byrd MS  | 79                           |
| R. E. Aylor MS        | R. E. Aylor MS         | 560                          |

**Elementary to Middle School Feeder Patterns Statistics**

The feeder patterns represent the number of students living within the attendance boundary of both a lower grade cohort (ex. Elementary schools) and a higher grade cohort (i.e. Middle School). This is given as both the number of live-in students, and described as a percentage

| 2019-20 ES Zone    | 2019-20 MS Zone       | ES Attendance |
|--------------------|-----------------------|---------------|
| Apple Pie Ridge ES | Frederick County MS   | 52%           |
| Apple Pie Ridge ES | James Wood MS         | 48%           |
| Armel ES           | Admiral R. E. Byrd MS | 100%          |
| Bass-Hoover ES     | R. E. Aylor MS        | 100%          |
| Evendale ES        | Admiral R. E. Byrd MS | 100%          |
| Gainesboro ES      | Frederick County MS   | 100%          |
| Greenwood Mill ES  | Admiral R. E. Byrd MS | 61%           |
| Greenwood Mill ES  | James Wood MS         | 39%           |
| Indian Hollow ES   | Frederick County MS   | 95%           |
| Indian Hollow ES   | R. E. Aylor MS        | 5%            |
| Jordan Springs ES  | James Wood MS         | 100%          |
| Middletown ES      | R. E. Aylor MS        | 100%          |
| Orchard View ES    | Admiral R. E. Byrd MS | 44%           |
| Orchard View ES    | Frederick County MS   | 19%           |
| Orchard View ES    | James Wood MS         | 33%           |
| Orchard View ES    | R. E. Aylor MS        | 5%            |
| Redbud Run ES      | James Wood MS         | 100%          |
| Stonewall ES       | Frederick County MS   | 52%           |
| Stonewall ES       | James Wood MS         | 48%           |

| 2019-20 ES Zone    | MS Option 1 Zone      | ES Attendance |
|--------------------|-----------------------|---------------|
| Apple Pie Ridge ES | Frederick County MS   | 52%           |
| Apple Pie Ridge ES | James Wood MS         | 48%           |
| Armel ES           | Admiral R. E. Byrd MS | 57%           |
| Armel ES           | R. E. Aylor MS        | 43%           |
| Bass-Hoover ES     | R. E. Aylor MS        | 100%          |
| Evendale ES        | Admiral R. E. Byrd MS | 100%          |
| Gainesboro ES      | Frederick County MS   | 100%          |
| Greenwood Mill ES  | Admiral R. E. Byrd MS | 61%           |
| Greenwood Mill ES  | James Wood MS         | 39%           |
| Indian Hollow ES   | Frederick County MS   | 95%           |
| Indian Hollow ES   | R. E. Aylor MS        | 5%            |
| Jordan Springs ES  | James Wood MS         | 100%          |
| Middletown ES      | R. E. Aylor MS        | 100%          |
| Orchard View ES    | Admiral R. E. Byrd MS | 44%           |
| Orchard View ES    | Frederick County MS   | 18%           |
| Orchard View ES    | James Wood MS         | 33%           |
| Orchard View ES    | R. E. Aylor MS        | 6%            |
| Redbud Run ES      | James Wood MS         | 100%          |
| Stonewall ES       | Frederick County MS   | 52%           |
| Stonewall ES       | James Wood MS         | 48%           |

**Elementary to Middle School Feeder Patterns Statistics (Continued)**

| 2019-20 ES Zone    | MS Option 2 Zone      | ES Attendance |
|--------------------|-----------------------|---------------|
| Apple Pie Ridge ES | Frederick County MS   | 52%           |
| Apple Pie Ridge ES | James Wood MS         | 48%           |
| Armel ES           | Admiral R. E. Byrd MS | 57%           |
| Armel ES           | R. E. Aylor MS        | 43%           |
| Bass-Hoover ES     | R. E. Aylor MS        | 100%          |
| Evendale ES        | Admiral R. E. Byrd MS | 100%          |
| Gainesboro ES      | Frederick County MS   | 100%          |
| Greenwood Mill ES  | Admiral R. E. Byrd MS | 100%          |
| Indian Hollow ES   | Frederick County MS   | 95%           |
| Indian Hollow ES   | R. E. Aylor MS        | 5%            |
| Jordan Springs ES  | James Wood MS         | 100%          |
| Middletown ES      | R. E. Aylor MS        | 100%          |
| Orchard View ES    | Frederick County MS   | 18%           |
| Orchard View ES    | James Wood MS         | 76%           |
| Orchard View ES    | R. E. Aylor MS        | 6%            |
| Redbud Run ES      | James Wood MS         | 100%          |
| Stonewall ES       | Frederick County MS   | 52%           |
| Stonewall ES       | James Wood MS         | 48%           |

| 2019-20 ES Zone    | MS Option 3 Zone      | ES Attendance |
|--------------------|-----------------------|---------------|
| Apple Pie Ridge ES | Frederick County MS   | 52%           |
| Apple Pie Ridge ES | James Wood MS         | 48%           |
| Armel ES           | Admiral R. E. Byrd MS | 57%           |
| Armel ES           | R. E. Aylor MS        | 43%           |
| Bass-Hoover ES     | R. E. Aylor MS        | 100%          |
| Evendale ES        | Admiral R. E. Byrd MS | 100%          |
| Gainesboro ES      | Frederick County MS   | 100%          |
| Greenwood Mill ES  | Admiral R. E. Byrd MS | 42%           |
| Greenwood Mill ES  | James Wood MS         | 58%           |
| Indian Hollow ES   | Frederick County MS   | 95%           |
| Indian Hollow ES   | R. E. Aylor MS        | 5%            |
| Jordan Springs ES  | James Wood MS         | 100%          |
| Middletown ES      | R. E. Aylor MS        | 100%          |
| Orchard View ES    | Admiral R. E. Byrd MS | 76%           |
| Orchard View ES    | Frederick County MS   | 18%           |
| Orchard View ES    | R. E. Aylor MS        | 6%            |
| Redbud Run ES      | James Wood MS         | 100%          |
| Stonewall ES       | Frederick County MS   | 52%           |
| Stonewall ES       | James Wood MS         | 48%           |

**Elementary to Middle School Feeder Patterns Statistics (Continued)**

| 2019-20 ES Zone    | MS Option 4 Zone      | ES Attendance |
|--------------------|-----------------------|---------------|
| Apple Pie Ridge ES | Frederick County MS   | 52%           |
| Apple Pie Ridge ES | James Wood MS         | 48%           |
| Armel ES           | Admiral R. E. Byrd MS | 57%           |
| Armel ES           | R. E. Aylor MS        | 43%           |
| Bass-Hoover ES     | R. E. Aylor MS        | 100%          |
| Evendale ES        | Admiral R. E. Byrd MS | 100%          |
| Gainesboro ES      | Frederick County MS   | 100%          |
| Greenwood Mill ES  | Admiral R. E. Byrd MS | 61%           |
| Greenwood Mill ES  | James Wood MS         | 39%           |
| Indian Hollow ES   | Admiral R. E. Byrd MS | 5%            |
| Indian Hollow ES   | Frederick County MS   | 95%           |
| Jordan Springs ES  | James Wood MS         | 100%          |
| Middletown ES      | Admiral R. E. Byrd MS | 13%           |
| Middletown ES      | R. E. Aylor MS        | 87%           |
| Orchard View ES    | Admiral R. E. Byrd MS | 17%           |
| Orchard View ES    | Frederick County MS   | 19%           |
| Orchard View ES    | James Wood MS         | 20%           |
| Orchard View ES    | R. E. Aylor MS        | 53%           |
| Redbud Run ES      | James Wood MS         | 100%          |
| Stonewall ES       | Frederick County MS   | 52%           |
| Stonewall ES       | James Wood MS         | 48%           |

**Middle to High School Feeder Patterns Statistics**

| 2019-20 MS Zone       | 2019-20 HS Zone        | MS Attendance |
|-----------------------|------------------------|---------------|
| Admiral R. E. Byrd MS | Millbrook High School  | 51%           |
| Admiral R. E. Byrd MS | Sherando High School   | 49%           |
| Frederick County MS   | James Wood High School | 100%          |
| Frederick County MS   | Sherando High School   | 0%            |
| James Wood MS         | James Wood High School | 25%           |
| James Wood MS         | Millbrook High School  | 69%           |
| James Wood MS         | Sherando High School   | 6%            |
| R. E. Aylor MS        | Sherando High School   | 100%          |

| MS Option 1 Zone      | 2019-20 HS Zone        | MS Attendance |
|-----------------------|------------------------|---------------|
| Admiral R. E. Byrd MS | Millbrook High School  | 61%           |
| Admiral R. E. Byrd MS | Sherando High School   | 39%           |
| Frederick County MS   | James Wood High School | 100%          |
| James Wood MS         | James Wood High School | 25%           |
| James Wood MS         | Millbrook High School  | 69%           |
| James Wood MS         | Sherando High School   | 6%            |
| R. E. Aylor MS        | Sherando High School   | 100%          |

| MS Option 2 Zone      | 2019-20 HS Zone        | MS Attendance |
|-----------------------|------------------------|---------------|
| Admiral R. E. Byrd MS | Millbrook High School  | 74%           |
| Admiral R. E. Byrd MS | Sherando High School   | 26%           |
| Frederick County MS   | James Wood High School | 100%          |
| James Wood MS         | James Wood High School | 25%           |
| James Wood MS         | Millbrook High School  | 56%           |
| James Wood MS         | Sherando High School   | 19%           |
| R. E. Aylor MS        | Sherando High School   | 100%          |

| MS Option 3 Zone      | 2019-20 HS Zone        | MS Attendance |
|-----------------------|------------------------|---------------|
| Admiral R. E. Byrd MS | James Wood High School | 2%            |
| Admiral R. E. Byrd MS | Millbrook High School  | 53%           |
| Admiral R. E. Byrd MS | Sherando High School   | 44%           |
| Frederick County MS   | James Wood High School | 100%          |
| James Wood MS         | James Wood High School | 23%           |
| James Wood MS         | Millbrook High School  | 77%           |
| R. E. Aylor MS        | Sherando High School   | 100%          |

| MS Option 4 Zone      | 2019-20 HS Zone        | MS Attendance |
|-----------------------|------------------------|---------------|
| Admiral R. E. Byrd MS | Millbrook High School  | 62%           |
| Admiral R. E. Byrd MS | Sherando High School   | 38%           |
| Frederick County MS   | James Wood High School | 100%          |
| Frederick County MS   | Sherando High School   | 0%            |
| James Wood MS         | James Wood High School | 26%           |
| James Wood MS         | Millbrook High School  | 71%           |
| James Wood MS         | Sherando High School   | 4%            |
| R. E. Aylor MS        | Sherando High School   | 100%          |

---

### Glossary of Terms

Capacity – the number of students that an individual school has the physical capacity to enroll and can be reasonably accommodated in a facility.

Utilization - Utilization is the enrollment divided by the capacity, described as a percentage.

Live-in students - Students residing inside of a school attendance boundary, regardless of where that student attends school.

Unmatched - Students whose home address was not able to be placed on the map.

Out of District students - Students that live outside of New Kent County Schools boundary.

Estimated Enrollment - Estimated Enrollment is calculated by adding the Live-In students plus Unmatched students.

Option Impact – The number of Live and Attend-In students that change attendance boundaries from the 2018-19 attendance boundaries given each option. In other words, an estimate of the total number of students that could be impacted per any of the options.

Feeder Pattern - The number of students living within the attendance boundary of both a lower grade cohort (ex. Elementary schools) and a higher grade cohort (i.e. Middle School). This is given as both the number of live-in students, and described as a percentage

# Frederick County Public Schools, VA Middle School Zones 2020-21



## Legend

### Type

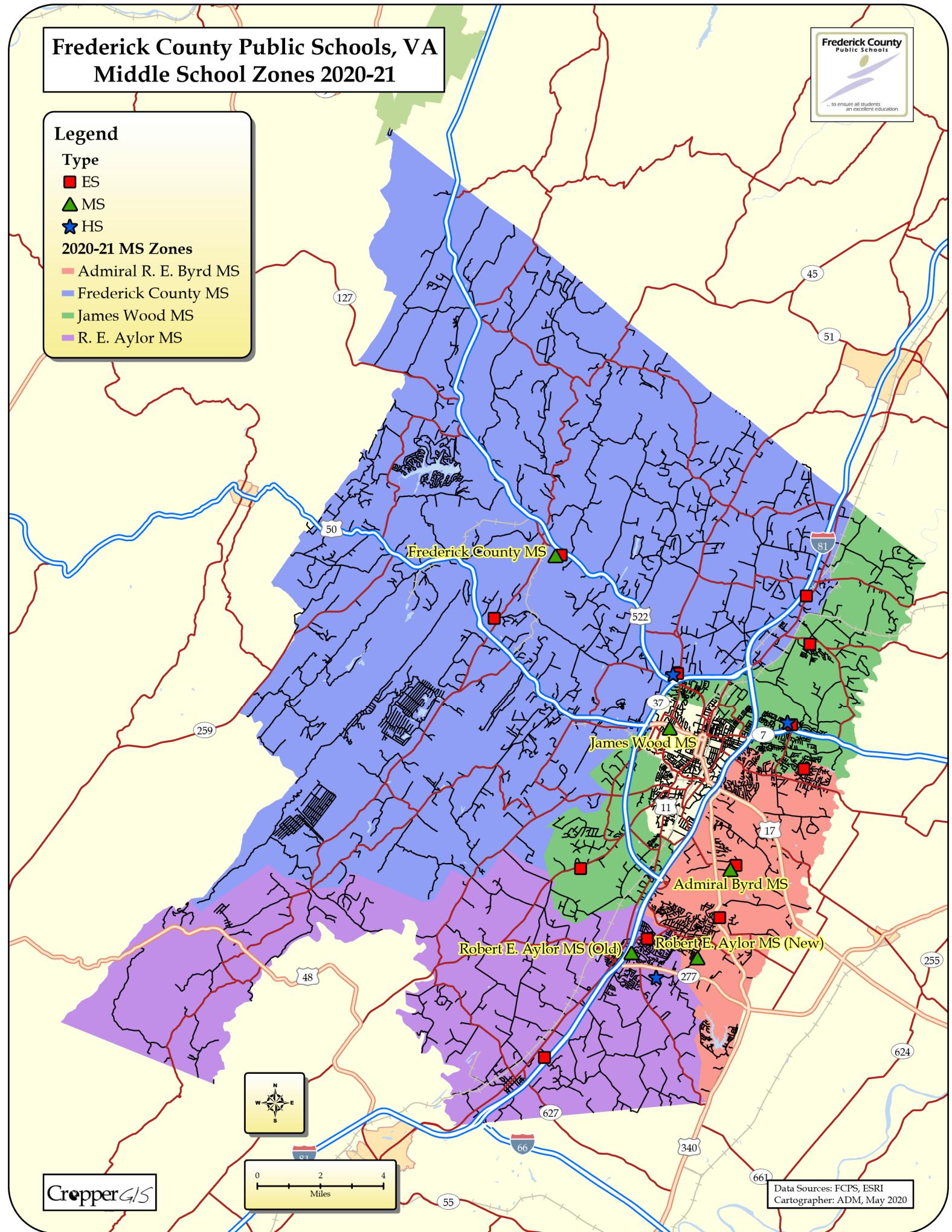
■ ES

▲ MS

★ HS

### 2020-21 MS Zones

- Admiral R. E. Byrd MS
- Frederick County MS
- James Wood MS
- R. E. Aylor MS



# Frederick County Public Schools, VA Middle School Zones DRAFT Option 1



## Legend

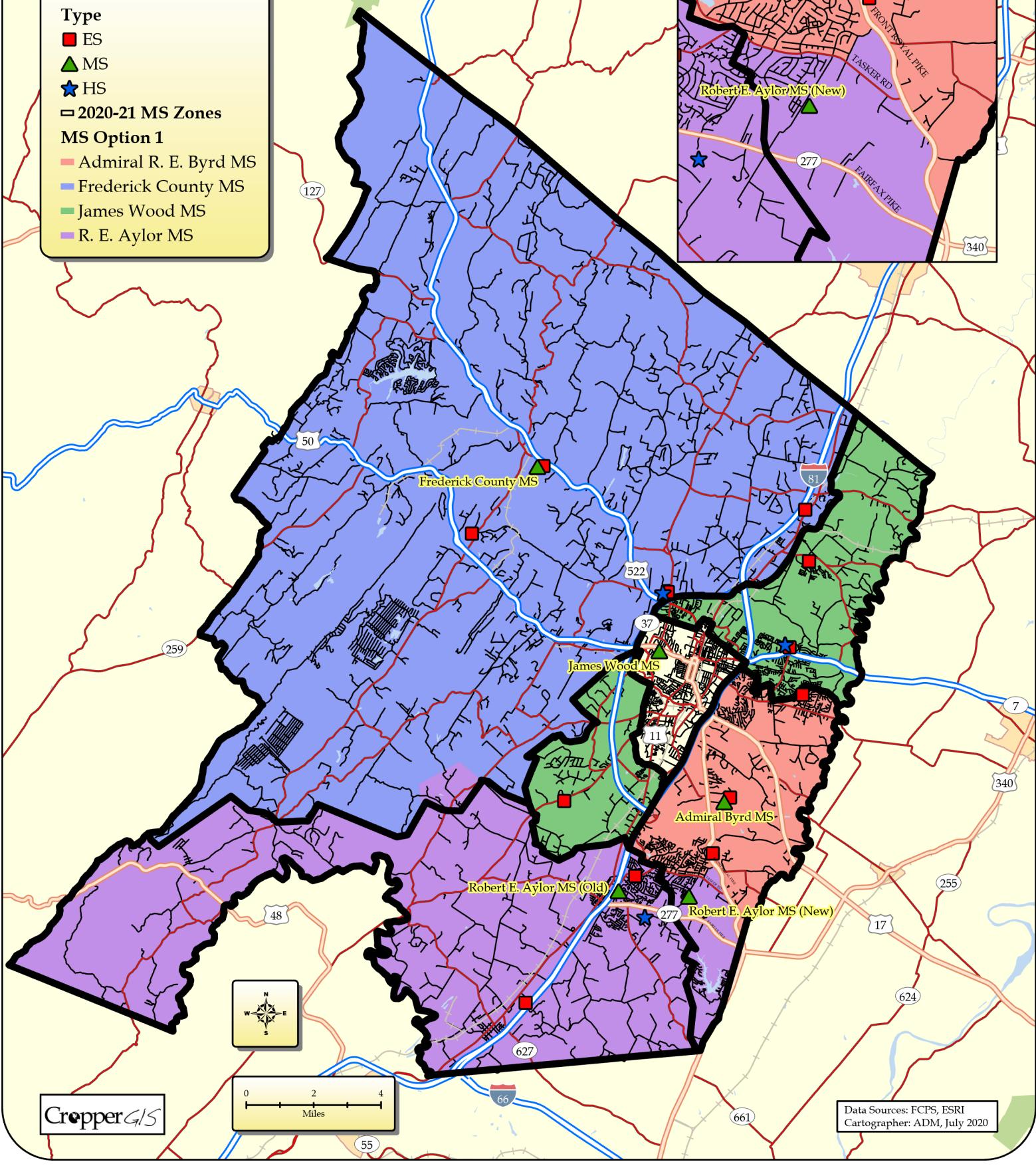
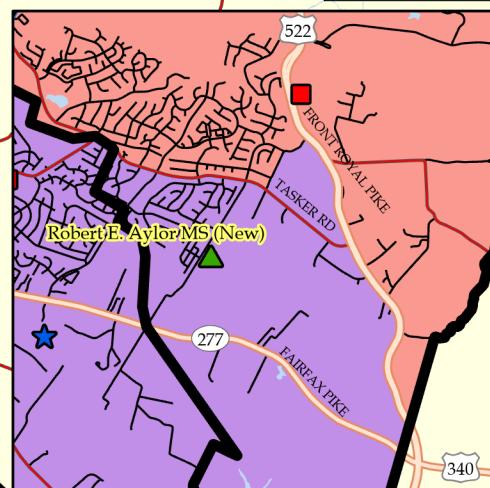
### Type

- ES
- ▲ MS
- ★ HS

### 2020-21 MS Zones

#### MS Option 1

- Admiral R. E. Byrd MS
- Frederick County MS
- James Wood MS
- R. E. Aylor MS



# Frederick County Public Schools, VA Middle School Zones DRAFT Option 2



## Legend

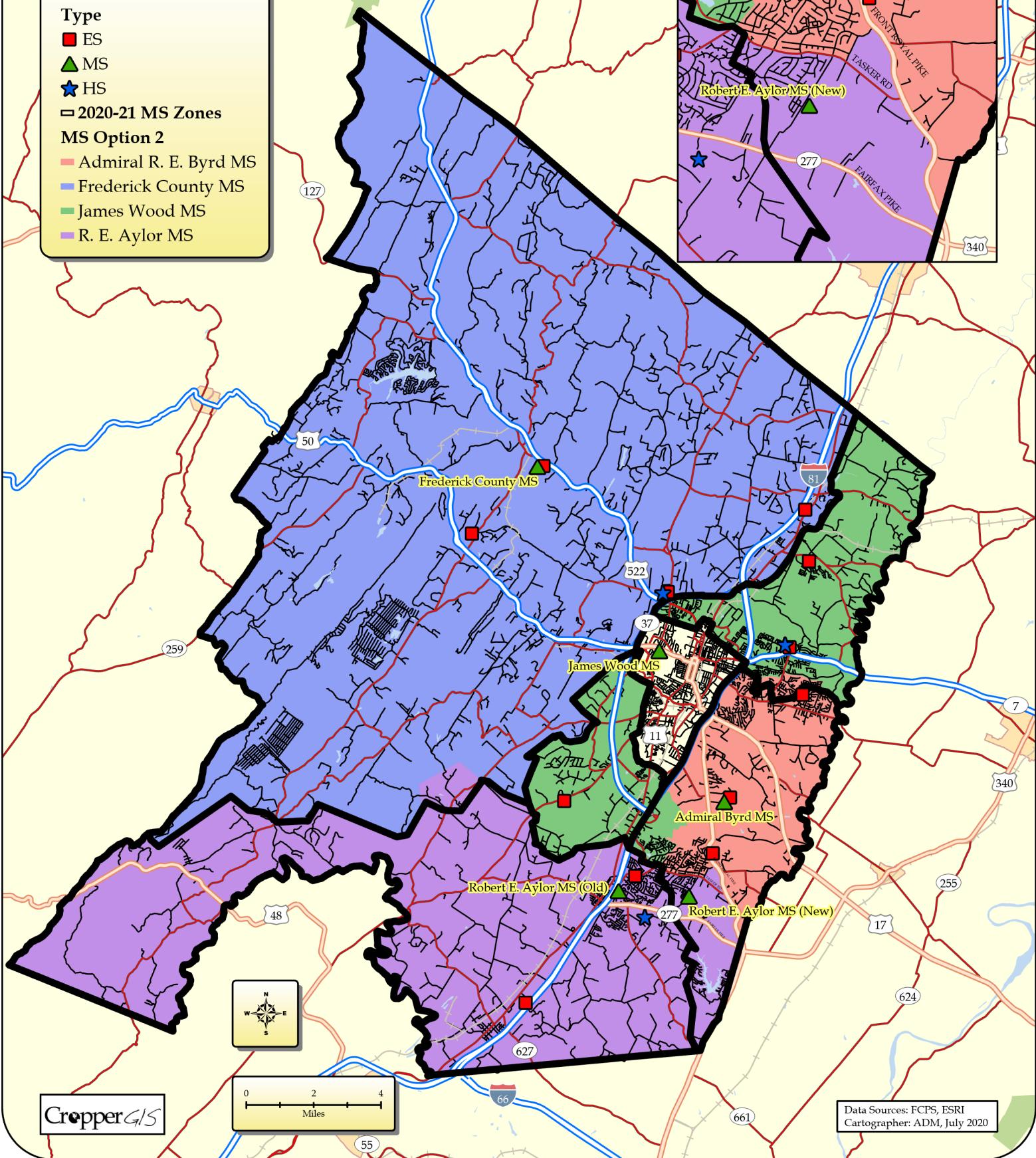
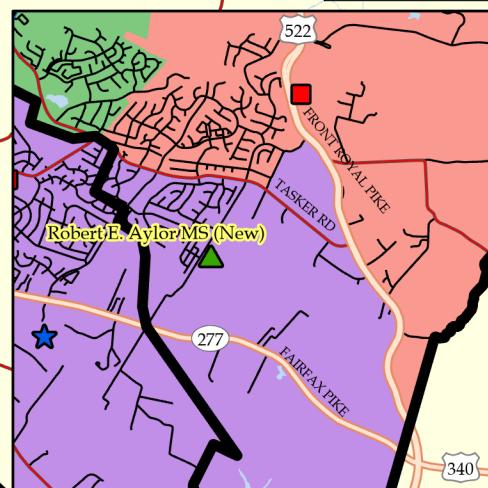
### Type

- ES
- ▲ MS
- ★ HS

### 2020-21 MS Zones

#### MS Option 2

- Admiral R. E. Byrd MS
- Frederick County MS
- James Wood MS
- R. E. Aylor MS



# Frederick County Public Schools, VA Middle School Zones DRAFT Option 3



## Legend

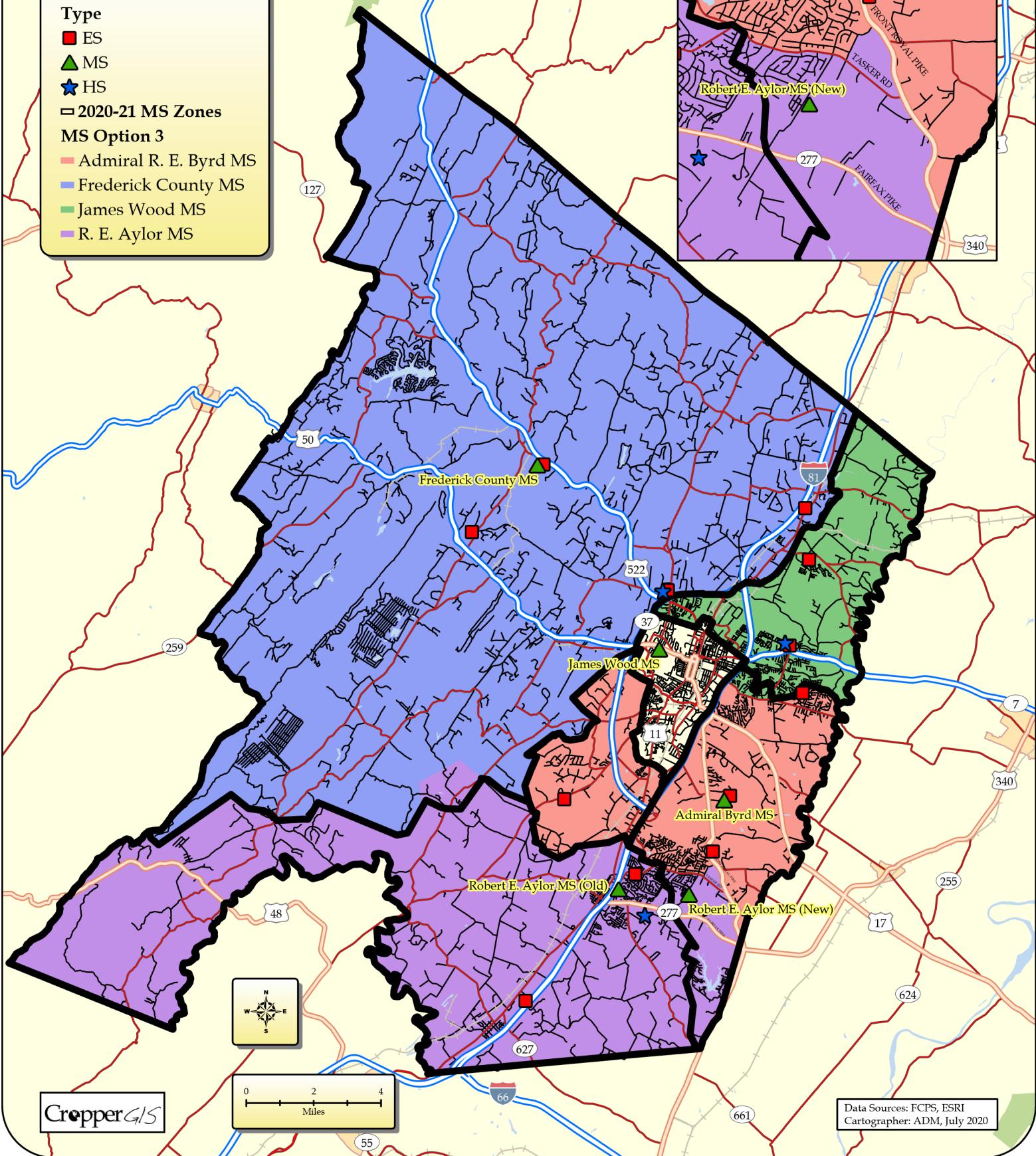
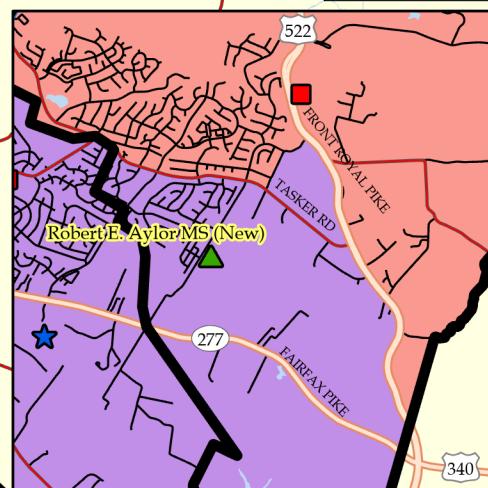
### Type

- ES
- ▲ MS
- ★ HS

### 2020-21 MS Zones

#### MS Option 3

- Admiral R. E. Byrd MS
- Frederick County MS
- James Wood MS
- R. E. Aylor MS



# Frederick County Public Schools, VA Middle School Zones DRAFT Option 4



## Legend

### Type

- ES
- ▲ MS
- ★ HS

### 2020-21 MS Zones

#### MS Option 4

- Admiral R. E. Byrd MS
- Frederick County MS
- James Wood MS
- R. E. Aylor MS

