# -Public Information Session 3- 

## Redistricting Project Phase 1

## December 16, 2019

CropperGIS

Welcome and Introductions

## Tonight's Purpose

1. Learn how the school redistricting process has been working.
2. Review ES and MS DRAFT Options 1, Modified Options 2 and 3, and the new Option 4 created based on public input.
3. Provide input related to the options at the meetings.

## Why We're Here

The Brunswick County Schools are adding elementary and middle school capacity to the county to address school overcrowding.

1. A new middle school, Town Creek MS, is scheduled to open in Fall 2020, which will provide capacity relief to middle schools in the northern part of the county.
a) A boundary needs to be established for the new Town Creek Middle School.
2. In addition to establishing a new boundary for the new MS, Belville ES is overcrowded, and needs capacity relief.
a) Elementary boundaries in the northern part of the county will be evaluated and adjusted with a focus on providing capacity relief to Belville ES.
b) Lincoln ES and Town Creek ES have also opened 6-classroom additions in 2019$\underline{20}$, which will be evaluated to determine if the expanded school can help provide additional capacity relief.

This is considered a Phase 1 component of the work that Cropper/McKibben are tasked to study.

| Phase 1: Demographic Study, Redistricting for Town Creek Middle School | $\begin{array}{\|c\|} \hline \text { Sept. } \\ \hline 19 \\ \hline \end{array}$ | $\begin{gathered} \hline \text { Oct. } \\ \text { '19 } \\ \hline \end{gathered}$ | $\begin{array}{\|c} \hline \text { Nov. } \\ \text { '19 } \\ \hline \end{array}$ | $\begin{gathered} \hline \text { Dec. } \\ \text { '19 } \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| Data Collection |  |  |  |  |
| Data Analysis / Assimilation |  |  |  |  |
| Demographic Study Development |  |  |  |  |
| Phase 1: Internal Options Development with Administration |  |  |  |  |
| Public Information Session \#1: Present Overview of Objectives, Process, and Timeline to Public |  | 10/22 |  |  |
| Public Information Session \#2: Present DRAFT Redistricting Options to Community for Comment/Feedback |  |  | 11/18 |  |
| Public Information Session \#3: Present new DRAFT Redistricting Options to Community for Comment/Feedback |  |  |  | 12/16 |
| School Board Presentation of Final DRAFT Redistricting Options |  |  | F | 12/17 |


| Elementary School | Grade <br> Config | $\mathbf{2 0 1 9 - 2 0}$ <br> Capacity | Total <br> Enrolled | Enrolled <br> Utilization |
| :--- | :---: | :---: | :---: | :---: |
| Belville Elementary | K-5 | 716 | 863 | $120.5 \%$ |
| Bolivia Elementary | K-5 | 567 | 416 | $73.4 \%$ |
| Jessie Mae Monroe Elementary | K-5 | 498 | 443 | $89.0 \%$ |
| Lincoln Elementary | PK-5 | 800 | 580 | $72.5 \%$ |
| Southport Elementary | K-5 | 614 | 541 | $88.1 \%$ |
| Supply Elementary | PK-5 | 701 | 595 | $84.9 \%$ |
| Town Creek Elementary | PK-5 | 785 | 579 | $73.8 \%$ |
| Union Elementary | K-5 | 600 | 574 | $95.7 \%$ |
| Virginia Williamson Elem | PK-5 | 598 | 491 | $82.1 \%$ |
| Waccamaw | K-8 | 572 | 471 | $82.3 \%$ |
|  |  | $\mathbf{6 , 4 5 1}$ | $\mathbf{5 , 5 5 3}$ | $\mathbf{8 6 . 1 \%}$ |

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## Why We're Here

There is a Phase 2 component of the work, but this will not be done until 2020.
For Phase 2, Cropper GIS/McKibben will continue to work through the Fall/Winter 2020 to study school building utilization across the remainder of the district, provide site selection recommendations for new schools (if necessary), and redistricting scenarios to accompany the recommendations.

It should be expected that, although all efforts will be made to minimize the impact on families and communities, any school/student could be impacted as a result of the Phase 2 recommendations.

All three levels will be evaluated (Elementary, Middle, and High Schools)
The focus will be to develop 2-3 redistricting scenarios, for each phase, for the district and the public to consider.

| Phase 2: Site Selection for new schools as/if needed, and Redistricting | $\begin{gathered} \hline \text { July } \\ \text { '20 } \end{gathered}$ | $\begin{array}{\|c\|} \hline \text { Aug. } \\ \text { '20 } \end{array}$ | $\begin{gathered} \hline \text { Sept. } \\ \text { '20 } \end{gathered}$ | $\begin{gathered} \hline \text { Oct. } \\ \text { '20 } \end{gathered}$ | Nov. '20 | $\begin{gathered} \hline \text { Dec. } \\ \text { '20 } \end{gathered}$ | $\begin{aligned} & \hline \text { Jan } \\ & \text { '21 } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Data Collection |  |  |  |  |  |  |  |
| Data Analysis / Assimilation |  |  |  |  |  |  |  |
| Site Selection Recommendations for New Schools |  |  |  |  |  |  |  |
| Phase 2: Internal Options Development with Administration |  |  |  |  |  |  |  |
| Public Information Session \#1: Present of Objectives, Process, and Timeline to Public |  |  |  |  |  |  |  |
| Public Information Session \#2: Present DRAFT Redistricting Options to Community for Comment/Feedback |  |  |  |  |  |  |  |
| School Board Presentation of Final DRAFT Redistricting Options |  |  |  |  |  |  |  |

## Redistricting Study

Cropper GIS Consulting was hired by the district to facilitate and manage the project. Our firm is tasked to:
A. Develop supporting materials to help facilitate the study, including the development of a 10-year enrollment forecast.
B. Facilitate a community-based process of developing a school district redistricting plan.
C. Empower the community throughout the process.
D. Leverage expertise to develop logical, efficient, and effective student redistricting options with the school district.

## Redistricting Criteria

The Brunswick County Schools have approved a set of criteria to follow when evaluating student redistricting options. These are rules to follow when considering any potential attendance zone adjustment.

- To the greatest extent possible, keep students at a neighborhood school.
- To the greatest extent possible keep maximum student numbers for high schools at 1400 students; middle schools at 750 students; elementary schools at 600 students.
- Keep average bus route between 60-75 minutes.


## Public Information Session

Summary of Survey Results:

| Total Respondents by Live-In Elementary School Zone |  |  |
| :--- | ---: | ---: |
| Live-In Elementary <br> School Zone | Total <br> Respondents | Percent of <br> Respondents |
| Belville ES | 97 | $60.2 \%$ |
| Lincoln ES | 4 | $2.5 \%$ |
| Town Creek ES | 31 | $19.3 \%$ |
| Other | 16 | $9.9 \%$ |
| No Response | 13 | $8.1 \%$ |
| Total | $\mathbf{1 6 1}$ | $\mathbf{1 0 0 . 0 \%}$ |

About 50 people attended the public information session, and 161 unique respondents participated in the survey. The table shows, however, that participants in the survey aren't evenly distributed across the county.

## Public Information Session

The public was asked to provide their overall attitude towards the ES and MS Options:

| Elementary School Options Attitude Summary |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Option Attitude | ES Option 1 |  | ES Option 2 |  | ES Option 3 |  |
|  | $\mathbf{n}$ | $\%$ | $\mathbf{n}$ | $\%$ | $\mathbf{n}$ | $\%$ |
| Approve | 63 | $39.1 \%$ | 64 | $39.8 \%$ | 23 | $14.3 \%$ |
| Like | 9 | $5.6 \%$ | 16 | $9.9 \%$ | 3 | $1.9 \%$ |
| Neutral | 23 | $14.3 \%$ | 18 | $11.2 \%$ | 18 | $11.2 \%$ |
| Dislike | 11 | $6.8 \%$ | 9 | $5.6 \%$ | 12 | $7.5 \%$ |
| Oppose | 42 | $26.1 \%$ | 40 | $24.8 \%$ | 94 | $58.4 \%$ |
| No Response | 13 | $8.1 \%$ | 14 | $8.7 \%$ | 11 | $6.8 \%$ |
| Total | $\mathbf{1 6 1}$ | $\mathbf{1 0 0 . 0} \%$ | $\mathbf{1 6 1}$ | $\mathbf{1 0 0 . 0} \%$ | $\mathbf{1 6 1}$ | $\mathbf{1 0 0 . 0 \%}$ |


| Middle School Options Attitude Summary |  |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Option Attitude | MS Option 1 |  | MS Option 2 |  | MS Option 3 |  |  |
|  | $\mathbf{n}$ | $\%$ | $\mathbf{n}$ | $\%$ | $\mathbf{n}$ | $\%$ |  |
| Approve | 46 | $28.6 \%$ | 55 | $34.2 \%$ | 27 | $16.8 \%$ |  |
| Like | 8 | $5.0 \%$ | 7 | $4.3 \%$ | 7 | $4.3 \%$ |  |
| Neutral | 30 | $18.6 \%$ | 32 | $19.9 \%$ | 33 | $20.5 \%$ |  |
| Dislike | 15 | $9.3 \%$ | 9 | $5.6 \%$ | 9 | $5.6 \%$ |  |
| Oppose | 36 | $22.4 \%$ | 31 | $19.3 \%$ | 64 | $39.8 \%$ |  |
| No Response | 26 | $16.1 \%$ | 27 | $16.8 \%$ | 21 | $13.0 \%$ |  |
| Total | $\mathbf{1 6 1}$ | $\mathbf{1 0 0 . 0} \%$ | $\mathbf{1 6 1}$ | $\mathbf{1 0 0 . 0} \%$ | $\mathbf{1 6 1}$ | $\mathbf{1 0 0 . 0} \%$ |  |

## Public Information Session

The public was asked to identify specific concerns if they opposed a particular option:

| Elementary School Options Primary Concern |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Primary Concern | ES Option 1 |  | ES Option 2 |  | ES Option 3 |  |
|  | $\mathbf{n}$ | $\%$ | $\mathbf{n}$ | $\%$ | $\mathbf{n}$ | $\%$ |
| Enrollment Concern | 14 | $8.7 \%$ | 15 | $9.3 \%$ | 17 | $10.6 \%$ |
| Feeder Pattern Concern | 3 | $1.9 \%$ | 4 | $2.5 \%$ | 14 | $8.7 \%$ |
| Neighborhood Concern | 10 | $6.2 \%$ | 8 | $5.0 \%$ | 18 | $11.2 \%$ |
| Transportation Concern | 28 | $17.4 \%$ | 24 | $14.9 \%$ | 62 | $38.5 \%$ |
| N/A | 62 | $38.5 \%$ | 59 | $36.6 \%$ | 18 | $11.2 \%$ |
| No Response | 44 | $27.3 \%$ | 51 | $31.7 \%$ | 32 | $19.9 \%$ |
| Total | $\mathbf{1 6 1}$ | $\mathbf{1 0 0 . 0} \%$ | $\mathbf{1 6 1}$ | $\mathbf{1 0 0 . 0} \%$ | $\mathbf{1 6 1}$ | $\mathbf{1 0 0 . 0} \%$ |


| Middle School Options Primary Concern |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Primary Concern | MS Option 1 |  | MS Option 2 |  | MS Option 3 |  |
|  | $\mathbf{n}$ | $\%$ | $\mathbf{n}$ | $\%$ | $\mathbf{n}$ | $\%$ |
| Enrollment Concern | 5 | $3.1 \%$ | 5 | $3.1 \%$ | 13 | $8.1 \%$ |
| Feeder Pattern Concern | 5 | $3.1 \%$ | 6 | $3.7 \%$ | 9 | $5.6 \%$ |
| Neighborhood Concern | 14 | $8.7 \%$ | 10 | $6.2 \%$ | 11 | $6.8 \%$ |
| Transportation Concern | 27 | $16.8 \%$ | 25 | $15.5 \%$ | 45 | $28.0 \%$ |
| N/A | 56 | $34.8 \%$ | 54 | $33.5 \%$ | 34 | $21.1 \%$ |
| No Response | 54 | $33.5 \%$ | 61 | $37.9 \%$ | 49 | $30.4 \%$ |
| Total | $\mathbf{1 6 1}$ | $\mathbf{1 0 0 . 0} \%$ | $\mathbf{1 6 1}$ | $\mathbf{1 0 0 . 0} \%$ | $\mathbf{1 6 1}$ | $\mathbf{1 0 0 . 0} \%$ |

## Public Information Session

## Attitudes toward each ES Option were summarized by Elementary School Live-In Zone:

| ES Option 1 Attitude Summary by Respondent Live-In Elementary School Zone |  |  |  |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Live-In ES <br> Zone | Approve | Like | Neutral | Dislike | Oppose | No <br> Response | Total | Percent <br> Approve | Percent <br> Oppose |
| Belville ES | 40 | 7 | 10 | 9 | 31 | 0 | 97 | $41.2 \%$ | $32.0 \%$ |
| Lincoln ES | 0 | 0 | 3 | 0 | 1 | 0 | 4 | $0.0 \%$ | $25.0 \%$ |
| Town Creek ES | 20 | 2 | 5 | 1 | 2 | 1 | 31 | $64.5 \%$ | $6.5 \%$ |
| Other | 0 | 0 | 5 | 1 | 8 | 2 | 16 | $0.0 \%$ | $50.0 \%$ |
| No Response | 3 | 0 | 0 | 0 | 0 | 10 | 13 | $23.1 \%$ | $0.0 \%$ |
| Total | $\mathbf{6 3}$ | $\mathbf{9}$ | $\mathbf{2 3}$ | $\mathbf{1 1}$ | $\mathbf{4 2}$ | $\mathbf{1 3}$ | $\mathbf{1 6 1}$ | $\mathbf{3 9 . 1} \%$ | $\mathbf{2 6 . 1} \%$ |


| ES Option 2 Attitude Summary by Respondent Live-In Elementary School Zone |  |  |  |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Live-In ES <br> Zone | Approve | Like | Neutral | Dislike | Oppose | No <br> Response | Total | Percent <br> Approve | Percent <br> Oppose |
| Belville ES | 43 | 10 | 8 | 7 | 28 | 1 | 97 | $44.3 \%$ | $28.9 \%$ |
| Lincoln ES | 2 | 0 | 1 | 0 | 1 | 0 | 4 | $50.0 \%$ | $25.0 \%$ |
| Town Creek ES | 17 | 4 | 5 | 2 | 2 | 1 | 31 | $54.8 \%$ | $6.5 \%$ |
| Other | 0 | 1 | 4 | 0 | 9 | 2 | 16 | $0.0 \%$ | $56.3 \%$ |
| No Response | 2 | 1 | 0 | 0 | 0 | 10 | 13 | $15.4 \%$ | $0.0 \%$ |
| Total | $\mathbf{6 4}$ | $\mathbf{1 6}$ | $\mathbf{1 8}$ | $\mathbf{9}$ | $\mathbf{4 0}$ | $\mathbf{1 4}$ | $\mathbf{1 6 1}$ | $\mathbf{3 9 . 8} \%$ | $\mathbf{2 4 . 8} \%$ |


| ES Option 3 Attitude Summary by Respondent Live-In Elementary School Zone |  |  |  |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Live-In ES <br> Zone | Approve | Like | Neutral | Dislike | Oppose | No <br> Response | Total | Percent <br> Approve | Percent <br> Oppose |
| Belville ES | 19 | 2 | 7 | 10 | 59 | 0 | 97 | $19.6 \%$ | $60.8 \%$ |
| Lincoln ES | 0 | 0 | 1 | 0 | 3 | 0 | 4 | $0.0 \%$ | $75.0 \%$ |
| Town Creek ES | 2 | 1 | 4 | 2 | 21 | 1 | 31 | $6.5 \%$ | $67.7 \%$ |
| Other | 1 | 0 | 6 | 0 | 7 | 2 | 16 | $6.3 \%$ | $43.8 \%$ |
| No Response | 1 | 0 | 0 | 0 | 4 | 8 | 13 | $7.7 \%$ | $30.8 \%$ |
| Total | $\mathbf{2 3}$ | $\mathbf{3}$ | $\mathbf{1 8}$ | $\mathbf{1 2}$ | $\mathbf{9 4}$ | $\mathbf{1 1}$ | $\mathbf{1 6 1}$ | $\mathbf{1 4 . 3} \%$ | $\mathbf{5 8 . 4} \%$ |

## Public Information Session

## Attitudes toward each MS Option were summarized by Elementary School Live-In Zone:

| MS Option 1 Attitude Summary by Respondent Live-In Elementary School Zone |  |  |  |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Live-In ES <br> Zone | Approve | Like | Neutral | Dislike | Oppose | No <br> Response | Total | Percent <br> Approve | Percent <br> Oppose |
| Belville ES | 27 | 2 | 18 | 10 | 28 | 12 | 97 | $27.8 \%$ | $28.9 \%$ |
| Lincoln ES | 0 | 2 | 1 | 0 | 1 | 0 | 4 | $0.0 \%$ | $25.0 \%$ |
| Town Creek ES | 17 | 3 | 4 | 2 | 2 | 3 | 31 | $54.8 \%$ | $6.5 \%$ |
| Other | 0 | 1 | 5 | 2 | 4 | 4 | 16 | $0.0 \%$ | $25.0 \%$ |
| No Response | 2 | 0 | 2 | 1 | 1 | 7 | 13 | $15.4 \%$ | $7.7 \%$ |
| Total | $\mathbf{4 6}$ | $\mathbf{8}$ | $\mathbf{3 0}$ | $\mathbf{1 5}$ | $\mathbf{3 6}$ | $\mathbf{2 6}$ | $\mathbf{1 6 1}$ | $\mathbf{2 8 . 6 \%}$ | $\mathbf{2 2 . 4} \%$ |


| MS Option 2 Attitude Summary by Respondent Live-In Elementary School Zone |  |  |  |  |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Live-In ES <br> Zone | Approve | Like | Neutral | Dislike | Oppose | No <br> Response | Total | Percent <br> Approve | Percent <br> Oppose |  |
| Belville ES | 33 | 3 | 17 | 6 | 24 | 14 | 97 | $34.0 \%$ | $24.7 \%$ |  |
| Lincoln ES | 2 | 0 | 1 | 0 | 1 | 0 | 4 | $50.0 \%$ | $25.0 \%$ |  |
| Town Creek ES | 17 | 2 | 7 | 2 | 0 | 3 | 31 | $54.8 \%$ | $0.0 \%$ |  |
| Other | 0 | 2 | 5 | 1 | 4 | 4 | 16 | $0.0 \%$ | $25.0 \%$ |  |
| No Response | 3 | 0 | 2 | 0 | 2 | 6 | 13 | $23.1 \%$ | $15.4 \%$ |  |
| Total | $\mathbf{5 5}$ | $\mathbf{7}$ | $\mathbf{3 2}$ | $\mathbf{9}$ | $\mathbf{3 1}$ | $\mathbf{2 7}$ | $\mathbf{1 6 1}$ | $\mathbf{3 4 . 2} \%$ | $\mathbf{1 9 . 3} \%$ |  |


| MS Option 3 Attitude Summary by Respondent Live-In Elementary School Zone |  |  |  |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Live-In ES <br> Zone | Approve | Like | Neutral | Dislike | Oppose | No <br> Response | Total | Percent <br> Approve | Percent <br> Oppose |
| Belville ES | 20 | 3 | 20 | 5 | 38 | 11 | 97 | $20.6 \%$ | $39.2 \%$ |
| Lincoln ES | 0 | 0 | 1 | 0 | 3 | 0 | 4 | $0.0 \%$ | $75.0 \%$ |
| Town Creek ES | 2 | 1 | 5 | 2 | 18 | 3 | 31 | $6.5 \%$ | $58.1 \%$ |
| Other | 1 | 2 | 4 | 1 | 4 | 4 | 16 | $6.3 \%$ | $25.0 \%$ |
| No Response | 4 | 1 | 3 | 1 | 1 | 3 | 13 | $30.8 \%$ | $7.7 \%$ |
| Total | $\mathbf{2 7}$ | $\mathbf{7}$ | $\mathbf{3 3}$ | $\mathbf{9}$ | $\mathbf{6 4}$ | $\mathbf{2 1}$ | $\mathbf{1 6 1}$ | $\mathbf{1 6 . 8} \%$ | $\mathbf{3 9 . 8} \%$ |

## DRAFT Options

4 DRAFT Options have been prepared by Cropper GIS / McKibben Demographics for consideration.

- Focus on balancing utilization between the 3 schools, while also assigning students as close to home as possible, along with making efforts to allow room for future enrollment growth.
- Feeding all of Town Creek ES into Town Creek MS was necessary for planning, so that transportation efficiency can be maximized.
The DRAFT Options have been reviewed and discussed by BCS administrators, including the office of transportation.

Edits were made to initial maps shared with BCS, with focus to maximize transportation efficiency and to avoid splitting neighborhoods.

- Option 1 has been previously shared with BCS
- Option 2 and Option 3 were Modified based on public feedback
- Option 4 is new and was created as a result of public feedback.

These DRAFT maps could further be modified pending ongoing study of the options, as well as any constructive feedback from the public that has not already been considered.



## Review of DRAFT Options

## Option 1:

- Good balance of ES Utilization, with space left in Bolivia, Lincoln, and Town Creek to account for future enrollment growth.
- Belville ES is still near max capacity at $97.2 \%$ estimated utilization, but it gets substantial capacity relief.
- Impacts the least number of ES students of all the Options (185), but the second most MS students (331).
- All elementary schools feed $100 \%$ into a middle school.
- Town Creek MS at $60.2 \%$ estimated utilization, which gives room to grow with anticipated future students.
- Longer distance to middle school for students moved to Town Creek MS (from Leland), but transportation will be efficient as BCS pick up/ drop off all ES/MS students on the same busses to effectively utilize the busses.



## DRAFT Modified Option 2 MS



## Review of DRAFT Options

## Modified Option 2:

- Town Creek ES utilization is at $80.3 \%$, which gives room to grow.
- Belville ES is still near max capacity at $97.2 \%$ estimated utilization, but it gets substantial capacity relief.
- Impacts the fewest number of ES students (185), and second fewest number of MS students (331).
- All elementary schools feed $100 \%$ into a middle school.
- Town Creek MS at $62.5 \%$ estimated utilization, which gives room to grow with anticipated future students.
- Longer distance to middle school for students moved to Town Creek MS (from Leland), but transportation will be efficient as BCS pick up/ drop off all ES/MS students on the same busses to effectively utilize the busses.


## DRAFT Modified Option 3 ES



## DRAFT Modified Option 3 MS



## Review of DRAFT Options

## Modified Option 3:

- Best balance of ES Utilization, with space left in Belville, Bolivia, Lincoln, and Town Creek to account for future enrollment growth.
- Provides the most relief of all ES options to Belville with an estimated utilization of $91.9 \%$.
- Overall, looking at both ES and MS, keeps communities closer to their schools.
- Impacts most ES students of all options (439), and the most number of MS students (340).
- All elementary schools feed $100 \%$ into a middle school.
- Town Creek MS at $64.2 \%$ estimated utilization, which gives room to grow with anticipated future students.
- Better than options 1 and 2 in terms distance to middle school for students moved to Town Creek MS (from Leland), and transportation will be efficient as BCS pick up/ drop off all ES/MS students on the same busses to effectively utilize the busses.




## Review of DRAFT Options

## Option 4:

- Belville and Lincoln ES both have an estimated utilization greater than $86 \%$ with this option, although Belville ES gets substantial capacity relief.
- Impacts the second most number of ES students of all the options (322), but the least number of MS students (325).
- All elementary schools feed $100 \%$ into a middle school.
- Town Creek MS at 59.1\% estimated utilization, which gives room to grow with anticipated future students.
- Only 2\% of South Brunswick MS students feed into North Brunswick HS.
- Longer distance to middle school for students moved to Town Creek MS (from Leland), but transportation will be efficient as BCS pick up/ drop off all ES/MS students on the same busses to effectively utilize the busses.


## How can you participate?

Members of the public have the opportunity to participate in the process in many ways:

- Materials relevant to the study will be made available on the Redistricting Study webpage, located at: https://www.bcswan.net/redistricting
- This site serves as a repository for information that is being considered and prepared for the effort.
- Latest handout (letter-sized) with most recent DRAFT Options 1-4 is now available on the redistricting page.
- Tonight's Public Information Session on December 16 is designed to share with the DRAFT options that are under consideration, and to solicit feedback on the options from you.


## Tonight

- Gallery Walk: Review DRAFT Options 1-4 and related data, talk to consultants and district staff
- BCS staff, and consultants will be around the maps to discuss any thoughts the public may have
- Although discussions around the maps are very important, please submit your feedback via the online survey for the district and school board's benefit


## Interpreting Maps

- Background colors represent the Option, where bold black outlines show the current boundaries
- Planning Blocks: Small areas for examining student populations
- Map titles and notes clarify what each map represents
- Labels within planning block represent the number of BCS students living in the block.


## Online Map

- An online map has been developed to further inform the public on the work of the planning team.
- Current zones and the DRAFT options being considered can be viewed on the map.
- Other features can be turned on/off on the map, including planning blocks.
- There is a zoom to subdivision feature.
- Site can be viewed on any device, including mobile devices and tablets (with internet connection).
- Site address is:


## www.croppermap.com/bcs

## Interpreting the Tables

- Statistics that are pertinent to the study accompany the large maps
- The data shown are the data the consultants and staff use to evaluate options


## Now is time to move to the maps.

Thank you for your continued input and participation regarding this important redistricting process!

## Review of ES DRAFT Option Statistics

| Elementary School | Grade <br> Config | 2019-20 <br> Capacity | Total Enrolled | Enrolled <br> Utilization | DRAFT Option 1 <br> Estimated <br> Enrollment ${ }^{1}$ | DRAFT <br> Option 1 <br> Utilization ${ }^{1}$ | DRAFT Modified <br> Option 2 <br> Estimated <br> Enrollment $^{1}$ | DRAFT <br> Modified <br> Option 2 <br> Utilization ${ }^{1}$ | DRAFT Modified <br> Option 3 <br> Estimated <br> Enrollment $^{1}$ | DRAFT <br> Modified <br> Option 3 <br> Utilization ${ }^{1}$ | DRAFT <br> Option 4 <br> Estimated <br> Enrollment ${ }^{1}$ | DRAFT <br> Option 4 <br> Utilization ${ }^{1}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Belville Elementary | K-5 | 716 | 863 | 120.5\% | 696 | 97.2\% | 696 | 97.2\% | 658 | 91.9\% | 681 | 95.1\% |
| Bolivia Elementary | K-5 | 567 | 416 | 73.4\% | 471 | 83.1\% | 454 | 80.1\% | 454 | 80.1\% | 471 | 83.1\% |
| Lincoln Elementary | PK-5 | 800 | 580 | 72.5\% | 697 | 87.1\% | 697 | 87.1\% | 697 | 87.1\% | 696 | 87.0\% |
| Town Creek Elementary | PK-5 | 785 | 579 | 73.8\% | 613 | 78.1\% | 630 | 80.3\% | 668 | 85.1\% | 629 | 80.1\% |
| Total |  | 2,868 | 2,438 | 85.0\% | 2,477 | 86.4\% | 2,477 | 86.4\% | 2,477 | 86.4\% | 2,477 | 86.4\% |

Student Counts based on 10/17/2019 BCS student database.


## Review of ES DRAFT Option Statistics

| 2019-20 <br> ES Zone | 2019-20 <br> MS Zone | ES <br> Attendance |
| :--- | :--- | :---: |
| Belville Elem | Leland Middle | $100 \%$ |
| Bolivia Elem | South Brunswick Middle | $100 \%$ |
| Lincoln Elem | Leland Middle | $100 \%$ |
| Southport Elem | South Brunswick Middle | $100 \%$ |
| Town Creek Elem | Leland Middle | $77 \%$ |
| Town Creek Elem | South Brunswick Middle | $23 \%$ |


| DRAFT Option 1 <br> ES Zone | DRAFT Option 1 <br> MS Zone | ES <br> Attendance |
| :--- | :--- | :---: |
| Belville Elem | Leland Middle | $100 \%$ |
| Bolivia Elem | South Brunswick Middle | $100 \%$ |
| Lincoln Elem | Leland Middle | $100 \%$ |
| Town Creek Elem | Town Creek Middle | $100 \%$ |


| DRAFT Modified <br> Option 3 ES Zone | DRAFT Modified <br> Option 3 MS Zone | ES <br> Attendance |
| :--- | :--- | :---: |
| Belville Elem | Leland Middle | $100 \%$ |
| Bolivia Elem | South Brunswick Middle | $100 \%$ |
| Lincoln Elem | Leland Middle | $100 \%$ |
| Town Creek Elem | Town Creek Middle | $100 \%$ |


| DRAFT Modified <br> Option 2 ES Zone | DRAFT Modified <br> Option 2 MS Zone | ES <br> Attendance |
| :--- | :--- | :---: |
| Belville Elem | Leland Middle | $100 \%$ |
| Bolivia Elem | South Brunswick Middle | $100 \%$ |
| Lincoln Elem | Leland Middle | $100 \%$ |
| Town Creek Elem | Town Creek Middle | $100 \%$ |


| DRAFT Option 4 <br> ES Zone | DRAFT Option 4 <br> MS Zone | ES <br> Attendance |
| :--- | :--- | :---: |
| Belville Elem | Leland Middle | $100 \%$ |
| Bolivia Elem | South Brunswick Middle | $100 \%$ |
| Lincoln Elem | Leland Middle | $100 \%$ |
| Town Creek Elem | Town Creek Middle | $100 \%$ |

## Review of ES DRAFT Option Statistics

| 2019-20 <br> ES | DRAFT Option 1 <br> ES Zone | Total K-5 <br> Live In <br> Students |
| :--- | :--- | ---: |
| Belville Elem | Belville Elem | 692 |
| Belville Elem | Bolivia Elem | 17 |
| Belville Elem | Lincoln Elem | 107 |
| Belville Elem | Town Creek Elem | 60 |
| Bolivia Elem | Bolivia Elem | 454 |
| Jessie Mae Monroe Elem | Jessie Mae Monroe Elem | 467 |
| Lincoln Elem | Lincoln Elem | 584 |
| Southport Elem | Southport Elem | 506 |
| Supply Elem | Supply Elem | 600 |
| Town Creek Elem | Lincoln Elem | 1 |
| Town Creek Elem | Town Creek Elem | 551 |
| Union Elem | Union Elem | 550 |
| Virginia Williamson Elem | Virginia Williamson Elem | 502 |
| Waccamaw | Waccamaw | 242 |


| 2019-20 <br> ES | DRAFT Modified <br> Option 2 ES Zone | Total K-5 <br> Live In <br> Students |
| :--- | :--- | ---: |
| Belville Elem | Belville Elem | 692 |
| Belville Elem | Lincoln Elem | 107 |
| Belville Elem | Town Creek Elem | 77 |
| Bolivia Elem | Bolivia Elem | 454 |
| Jessie Mae Monroe Elem | Jessie Mae Monroe Elem | 467 |
| Lincoln Elem | Lincoln Elem | 584 |
| Southport Elem | Southport Elem | 506 |
| Supply Elem | Supply Elem | 600 |
| Town Creek Elem | Lincoln Elem | 1 |
| Town Creek Elem | Town Creek Elem | 551 |
| Union Elem | Union Elem | 550 |
| Virginia Williamson Elem | Virginia Williamson Elem | 502 |
| Waccamaw | Waccamaw | 242 |


| Student Impact Estimates |  |
| :---: | ---: |
| Option | Total K-5 Live In <br> Students Impacted |
| Option 1 | 185 |
| Option 2 | 185 |
| Option 3 | 439 |
| Option 4 | 322 |


| 2019-20 <br> ES | DRAFT Modified <br> Option 3 ES Zone | Total K-5 <br> Live In <br> Students |
| :--- | :--- | ---: |
| Belville Elem | Belville Elem | 546 |
| Belville Elem | Lincoln Elem | 107 |
| Belville Elem | Town Creek Elem | 223 |
| Bolivia Elem | Bolivia Elem | 454 |
| Jessie Mae Monroe Elem | Jessie Mae Monroe Elem | 467 |
| Lincoln Elem | Lincoln Elem | 584 |
| Southport Elem | Southport Elem | 506 |
| Supply Elem | Supply Elem | 600 |
| Town Creek Elem | Belville Elem | 108 |
| Town Creek Elem | Lincoln Elem | 1 |
| Town Creek Elem | Town Creek Elem | 443 |
| Union Elem | Union Elem | 550 |
| Virginia Williamson Elem | Virginia Williamson Elem | 502 |
| Waccamaw | Waccamaw | 242 |


| 2019-20 <br> ES | DRAFT Option 4 <br> ES Zone | Total K-5 <br> Live In <br> Students |
| :--- | :--- | ---: |
| Belville Elem | Belville Elem | 616 |
| Belville Elem | Bolivia Elem | 17 |
| Belville Elem | Lincoln Elem | 167 |
| Belville Elem | Town Creek Elem | 76 |
| Bolivia Elem | Bolivia Elem | 454 |
| Jessie Mae Monroe Elem | Jessie Mae Monroe Elem | 467 |
| Lincoln Elem | Belville Elem | 61 |
| Lincoln Elem | Lincoln Elem | 523 |
| Southport Elem | Southport Elem | 506 |
| Supply Elem | Supply Elem | 600 |
| Town Creek Elem | Lincoln Elem | 1 |
| Town Creek Elem | Town Creek Elem | 551 |
| Union Elem | Union Elem | 550 |
| Virginia Williamson Elem | Virginia Williamson Elem | 502 |
| Waccamaw | Waccamaw | 242 |

## Review of MS DRAFT Option Statistics

| Middle School | Grade <br> Config | 2019-20 <br> Capacity | Total Enrolled | Enrolled <br> Utilization | DRAFT <br> Option 1 <br> Estimated <br> Enrollment ${ }^{1}$ | DRAFT <br> Option 1 <br> Utilization ${ }^{1}$ | DRAFT <br> Modified <br> Option 2 <br> Estimated <br> Enrollment ${ }^{1}$ | DRAFT <br> Modified <br> Option 2 <br> Utilization ${ }^{1}$ | DRAFT <br> Modified <br> Option 3 <br> Estimated <br> Enrollment ${ }^{1}$ | DRAFT <br> Modified <br> Option 3 <br> Utilization ${ }^{1}$ | DRAFT <br> Option 4 <br> Estimated <br> Enrollment ${ }^{1}$ | DRAFT <br> Option 4 <br> Utilization ${ }^{1}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Leland Middle | 6-8 | 1136 | 1006 | 88.6\% | 746 | 65.7\% | 746 | 65.7\% | 737 | 64.9\% | 752 | 66.2\% |
| South Brunswick Middle | 6-8 | 858 | 794 | 92.5\% | 731 | 85.2\% | 719 | 83.8\% | 719 | 83.8\% | 731 | 85.2\% |
| Town Creek Middle | 6-8 | 530 | 0 | 0.0\% | 319 | 60.2\% | 331 | 62.5\% | 340 | 64.2\% | 313 | 59.1\% |
| Total |  | 2,524 | 1,800 | 71.3\% | 1,796 | 71.2\% | 1,796 | 71.2\% | 1,796 | 71.2\% | 1,796 | 71.2\% |

Student Counts based on 10/17/2019 BCS student database.
${ }^{1}$ Estimated Enrollment is calculated by adding the 2019-20 Out of District and Unmatched students to their currently enrolled school plus the 6-8th grade live-in totals within each option.

## Review of MS DRAFT Option Statistics

| 2019-20 <br> MS Zone | 2019-20 <br> HS Zone | MS <br> Attendance |
| :--- | :--- | :---: |
| Leland Middle | North Brunswick High | $100 \%$ |
| South Brunswick Middle | South Brunswick High | $100 \%$ |


| DRAFT Option 1 <br> MS Zone | 2019-20 <br> HS Zone | MS <br> Attendance |
| :--- | :--- | :---: |
| Leland Middle | North Brunswick High | $100 \%$ |
| South Brunswick Middle | North Brunswick High | $2 \%$ |
| South Brunswick Middle | South Brunswick High | $98 \%$ |
| Town Creek Middle | North Brunswick High | $77 \%$ |
| Town Creek Middle | South Brunswick High | $23 \%$ |


| DRAFT Modified <br> Option 3 MS Zone | 2019-20 <br> HS Zone | MS <br> Attendance |
| :--- | :--- | :---: |
| Leland Middle | North Brunswick High | $100 \%$ |
| South Brunswick Middle | South Brunswick High | $100 \%$ |
| Town Creek Middle | North Brunswick High | $79 \%$ |
| Town Creek Middle | South Brunswick High | $21 \%$ |


| DRAFT Option 4 <br> MS Zone | 2019-20 <br> HS Zone | MS <br> Attendance |
| :--- | :--- | :---: |
| Leland Middle | North Brunswick High | $100 \%$ |
| South Brunswick Middle | North Brunswick High | $2 \%$ |
| South Brunswick Middle | South Brunswick High | $98 \%$ |
| Town Creek Middle | North Brunswick High | $77 \%$ |
| Town Creek Middle | South Brunswick High | $23 \%$ |

## Review of MS DRAFT Option Statistics

| Student Impact Estimates |  |
| :--- | ---: |
| Option | Total 6-8 Live In <br> Students Impacted |
| Option 1 | 331 |
| Option 2 | 331 |
| Option 3 | 340 |
| Option 4 | 325 |


| $\mathbf{2 0 1 9 - 2 0}$ <br> MS | DRAFT Option 1 <br> MS Zone | Total 6-8 <br> Live In <br> Students |
| :--- | :--- | ---: |
| Cedar Grove Middle | Cedar Grove Middle | 493 |
| Leland Middle | Leland Middle | 740 |
| Leland Middle | South Brunswick Middle | 12 |
| Leland Middle | Town Creek Middle | 246 |
| Shallotte Middle | Shallotte Middle | 675 |
| South Brunswick Middle | South Brunswick Middle | 719 |
| South Brunswick Middle | Town Creek Middle | 73 |
| Waccamaw Middle | Waccamaw Middle | 179 |


| 2019-20 <br> MS | DRAFT Modified <br> Option 3 MS Zone | Total 6-8 <br> Live In <br> Students |
| :--- | :--- | ---: |
| Cedar Grove Middle | Cedar Grove Middle | 493 |
| Leland Middle | Leland Middle | 731 |
| Leland Middle | Town Creek Middle | 267 |
| Shallotte Middle | Shallotte Middle | 675 |
| South Brunswick Middle | South Brunswick Middle | 719 |
| South Brunswick Middle | Town Creek Middle | 73 |
| Waccamaw Middle | Waccamaw Middle | 179 |


| 2019-20 <br> MS | DRAFT Option 4 <br> MS Zone | Total 6-8 <br> Live In <br> Students |
| :--- | :--- | ---: |
| Cedar Grove Middle | Cedar Grove Middle | 493 |
| Leland Middle | Leland Middle | 746 |
| Leland Middle | South Brunswick Middle | 12 |
| Leland Middle | Town Creek Middle | 240 |
| Shallotte Middle | Shallotte Middle | 675 |
| South Brunswick Middle | South Brunswick Middle | 719 |
| South Brunswick Middle | Town Creek Middle | 73 |
| Waccamaw Middle | Waccamaw Middle | 179 |


[^0]:    Student Counts based on 10/17/2019 BCS student database.

