## **Interpretation of Efficiency**



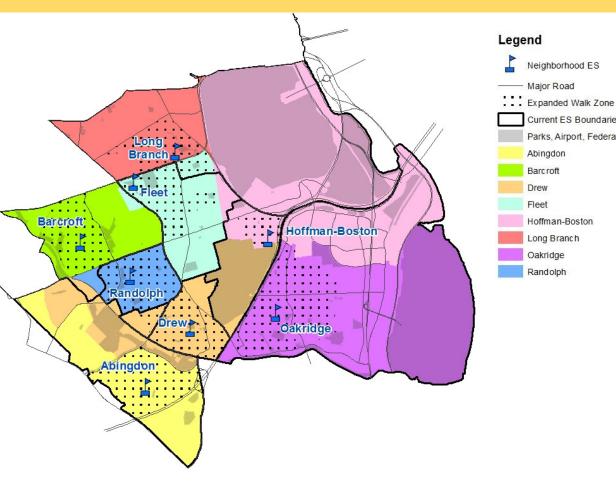
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## Minimizing future capital and operating costs

- Balance building utilization across schools
- Monitor transportation costs

Consideration	Planning Unit Data Sheet	Boundary Proposals
Efficiency	reported for each planning unit	number of planning units eligible for bus service and capacity utilization will be reported for all proposed boundary maps

#### **Example Map:** Illustrates Efficiency Only for Discussion Purposes





#### For Illustrative Purposes Only

Neighborhood ES

Current ES Boundaries Parks, Airport, Federal Land+

Major Road

Abingdon

Barc roft

Drew

Fleet

Hoffman-Boston

Long Branch Oakridge Randolph

- Map illustrates optimization of boundaries for Efficiency only
- Capacity utilization averages 97% among the eight schools<sup>1</sup>
- Ranges between 89% to 107% among individual schools

<sup>1</sup> Calculated based on K-5 permanent seat capacity and Fall 2019 enrollment estimates for each scenario boundary (for illustrative purposes)

## **Interpretation of Proximity**

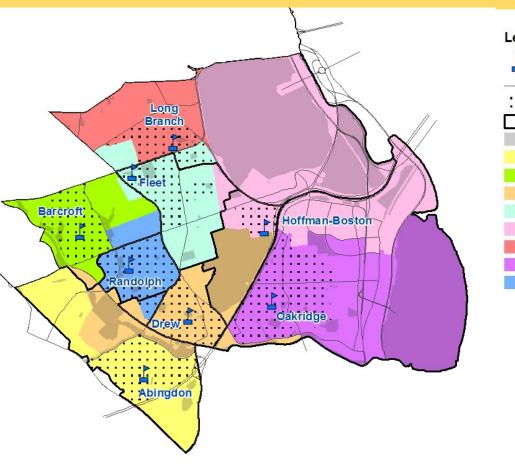


Encourage relationship between schools and the community by keeping students close to the schools they attend so that they can walk safely to school or, if eligible for bus service, so that bus ride times are minimized.

- Identify if planning unit is in the walk zone, including expansion areas as defined in Spring 2018 Walk Zone Review process
  - Areas verified at this time for walk zone expansion do not require significant infrastructure improvements

Consideration	Planning Unit Data Sheet	Boundary Proposals
Proximity	reported for each planning unit	number of walkable planning units will be reported for all proposed boundary maps

#### **Example Map:** *Illustrates Proximity Only for Discussion Purposes*







#### For Illustrative Purposes Only

- Map illustrates optimization of boundaries for Proximity only
- Each scenario boundary includes its school's expanded Walk Zone



# **Interpretation of Stability**



Minimizing the number of times that boundary changes affect an individual student who has continued to reside in a particular attendance area, and minimizing the number of students moved to a different school, within a school level

None of the students who will be part of this boundary change have been impacted by another elementary boundary change

• Note-the recent revisions to the Options/Transfers policy does not impact the Stability Consideration in boundary decisions

Consideration	Planning Unit Data Sheet	Boundary Proposals
Stability	is set the same across all planning units	will not be reported for proposed boundary maps



# **Interpretation of Alignment**



# Minimizing separation of small groups of students from their classmates when moving between school levels

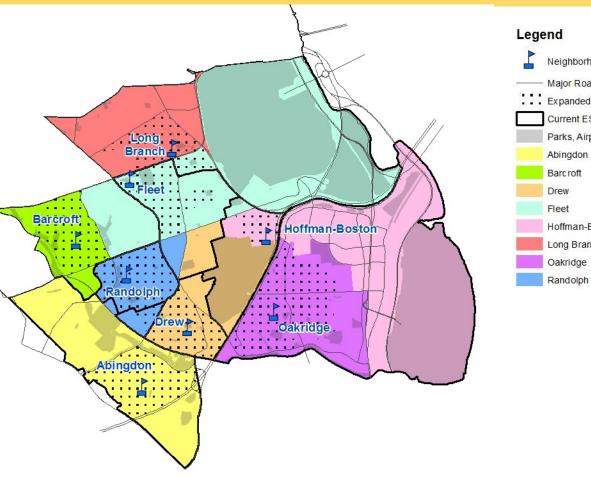
Alignment is keeping groups of students together and maintaining school communities as they move through school levels

- Focusing on elementary to middle school
- Goal is that small groups of students are not separated from classmates as they move to next school level

Consideration	Planning Unit Data Sheet	Boundary Proposals	
Alignment	is set the same across all planning units	will assess planning units with small groups of students having different alignment patterns, and be reported for proposed boundary maps	AGE

### **Example Map:**

#### Illustrates Alignment Only for Discussion Purposes





#### For Illustrative Purposes Only

• Map illustrates optimization of boundaries for **Alignment only** 





# **Interpretation of Demographics**



## Promoting demographic diversity

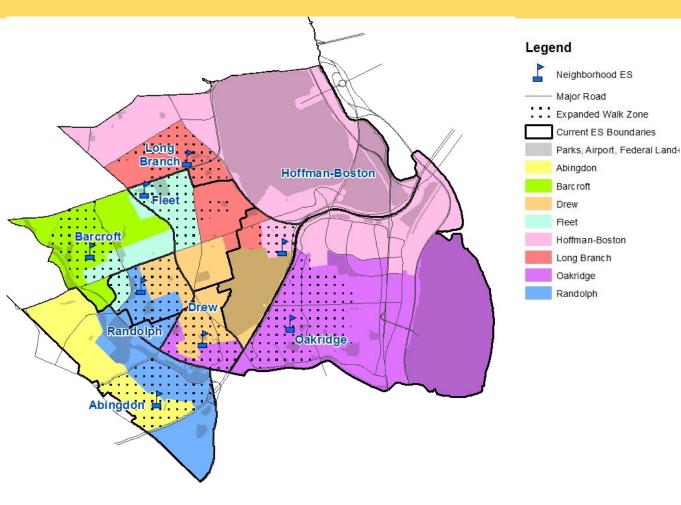
• Diversity interpreted for this purpose as the proportion of students receiving Free or Reduced Cost Lunch (F&RL)

Consideration	Planning Unit Data Sheet	Boundary Proposals
Demographics	number of students receiving F&RL, as long as there are 10 or more students	F&RL will be reported in aggregate for all proposed boundary maps



### **Example Map:**

#### Illustrates Demographics Only for Discussion Purposes



Arlington Public Schools

#### For Illustrative Purposes Only

- Map illustrates optimization of boundaries for **Demographics** only
- Percent F&RL students is 50% among eight schools<sup>1</sup>
- Ranges between 35% to 64% among individual schools

<sup>1</sup> Calculated based on Fall 2017 F&RL counts and Fall 2019 enrollment estimates for each scenario boundary (for illustrative purposes)



## **Interpretation of Contiguity**



# Maintaining attendance zones that are contiguous and contain the school to which students are assigned

Consideration	Planning Unit Data Sheet	Boundary Proposals
Contiguity	is set the same across all planning units	will be assessed as planning units are combined and reported for proposed boundary maps

