

# **Attendance Area Adjustment Committee**

**June 19, 2012**

# Meeting Agenda

- Business
  - Introductions
  - Schedule
  - Policy
  - Methods of Communication
- School Planning Process
- Homework: 2012 Feasibility Study

# Introductions

- Get to know each other.
- You will introduce the person sitting to your right.
- Share a fact about your neighbor when you introduce them.

# Schedule (REVISED)

- June 19 Intro & Feasibility Study
- July 3 2013 Feasibility Study
- July 10 2013 Plan making
- July 17 2013 Plan making
- July 24 2013 Plan Making
- July 31 2013 Plan Making
- August 7 Long range plan
- August 14 Long range plan
- August 28 Long range plan

# Policy

- Policy 6010 - School Attendance Areas
  - In binder
  - HCPSS website
- Decision-making
  - Staff analyses and recommendations
  - Public advice and comment
  - Superintendent recommendation
  - Board of Education decision

# Policy

## ➤ Definitions

- Adequate Public Facilities Ordinance Chart (Open/Closed) – A chart required by county legislation that lists schools as open or closed based on school capacities and enrollment projections.
- Attendance Area Committee (AAC) – Committee comprised of community members appointed by the Superintendent, to advise and comment during the planning phase regarding Capital Budget and redistricting recommendations being developed by staff.

# Policy

## ➤ Definitions

- Feed – The percentage of students in the receiving school that come from a sending school of a lower organizational level
- Maximum Target Enrollment – 110% of the program capacity of a school facility
- Minimum Target Enrollment – 90% of the program capacity of a school facility

# Policy

## ➤ Definitions

- Elementary school capacity: Product of Board-approved student-to-teacher ratio and the number of teaching stations
- Middle school capacity: 95% of the product of the Board-approved student-to-teacher ratio and the number of teaching stations
- High schools: 80% or 85% of the product of the Board-approved student-to-teacher ratio and the number of teaching stations



# Policy

## ➤ Definitions

- Planning Region – A geographic area of Howard County made up of one or more schools used by the Department of Education for planning purposes.
- School Attendance Area – Geographic area from which a school's students are drawn.

# Policy

## ➤ Definitions

- School Attendance Area Projection – An estimate of the number of students within a particular school attendance area
- System-Level Process Requirements – A set of standards for projections, capacities, data displays, identifying schools to be studied and redistricting recommendations to be used by those involved in the redistricting process

# Policy

- Conditions:
  - New school or addition is scheduled to open
  - Facility damage or loss
  - Enrollment changes above or below minimum.
  - Capacity of a school building is altered
  - Road network(s) changed
  - Unforeseen circumstance

# Policy

## ➤ Factors for Consideration:

- Educational welfare of the impacted students in both the sending and receiving schools
- Frequency with which students are redistricted. For example, make every attempt to not move a student more than once at any organization level or the same student more frequently than once every five years
- Impact on the number of students bused and the distance bused students travel. For example, students who are “non-transported” (walkers) should, where possible, remain walkers
- Cost

# Policy

- Factors for Consideration:
  - The demographic makeup and academic performance of students in both the sending and receiving schools.
  - Number of students to be redistricted.
  - Maintenance of feeder patterns. For example, avoiding the establishment of feeds less than 15% where possible.
  - Changes in a school's program capacity.

# Policy

- Factors for Consideration:
  - Impact on specialized or regional programs (e.g., special education, career and technology education, ESOL)
  - Functional and operational capacity of school infrastructures (e.g., cafeterias, restrooms and other shared core facilities)
  - Building utilization. For example, maintaining a target enrollment of a building's program capacity of between 90% and 110% where possible

# Methods of Communication

- Committee meetings presentations and discussion
  - Audio recordings of subsequent meetings
  - Summary posted to web
- Summarized and discussed at meeting
  - Email to [boe@hcpss.org](mailto:boe@hcpss.org)
  - Suggestion box
  - Letters

# 5 minute break

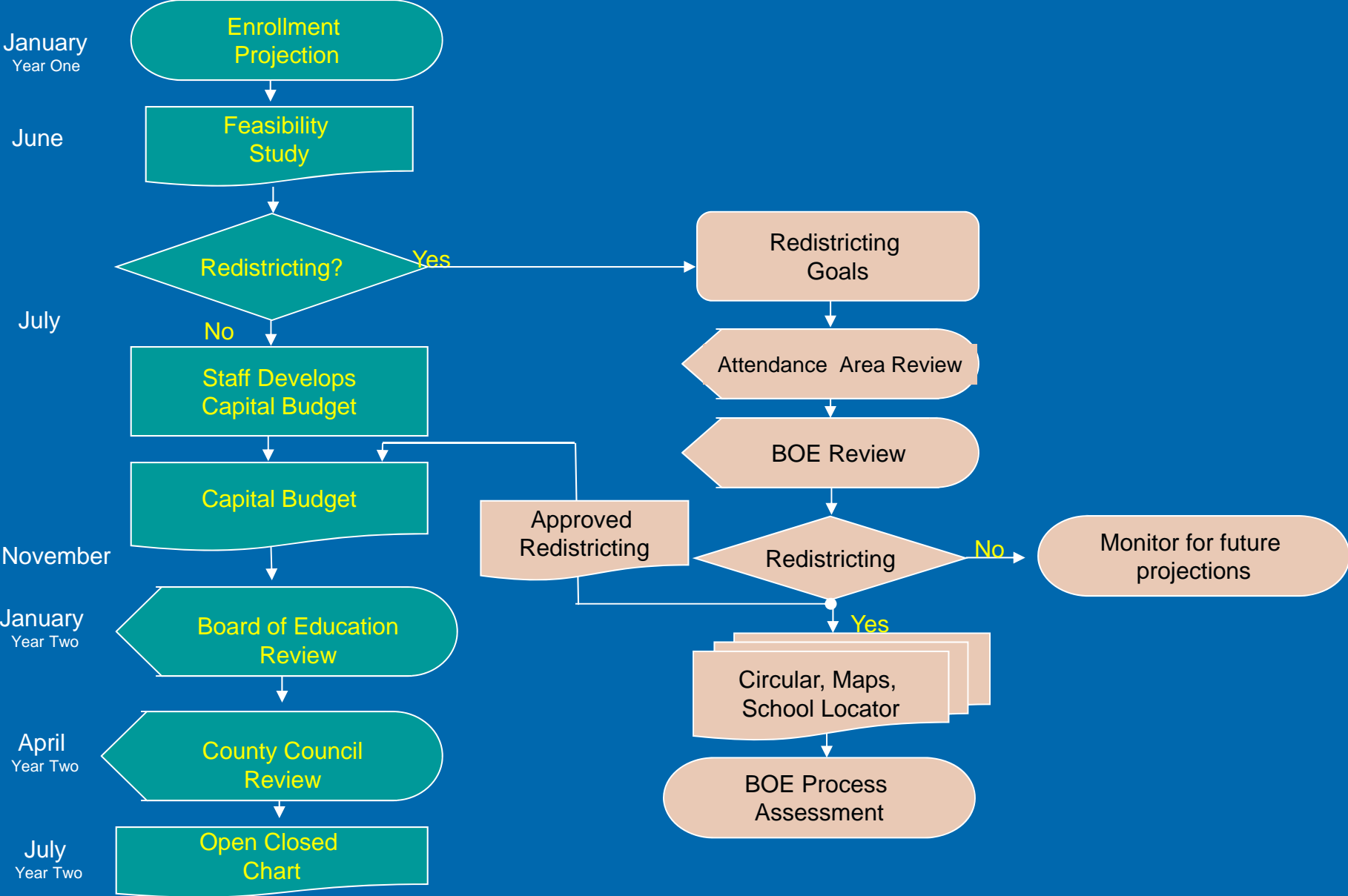




# School Planning Office

- Measure and project enrollment growth
- Monitor residential development
- Balance use of existing facilities
  - Redistricting
  - Program location
- Plan for capital needs
  - Additions / Renovations
  - New sites
  - New facilities

# Capital Budget / Redistricting Process



# Redistricting Timeline

- **June 19, 2012 - August 28, 2012:** Attendance Area Committee reviews plans, meetings open to public
- **September 11/12, 2012:** Draft redistricting plans presented - Howard HS (9/11) and Centennial HS (9/12) at 7:30 p.m.
- **October 18, 2012:** Final staff plan presented to BOE at 7:30 p.m.
- **BOE Meetings on proposed redistricting at:**
  - **October 25, 2012:** Work session at 7:30 p.m.
  - **October 30, 2012:** Public hearing at 7:00 p.m. (register to speak)
  - **November 8, 2012:** Work session at 7:30 p.m.
  - **November 13, 2012:** Work session at 7:30 p.m. (if needed)
- **November 15, 2012:** BOE votes on redistricting for 2013-2014 school year

# Projection Method



- Detailed and number oriented ... but not magic
- Bottom – up, sensitive to neighborhood trends
- Cohort survival method – typical demographic technique

# Projection Method

- Population can increase in only two ways:
  - natural increase (births)
  - net migration (move-ins)



- Housing types effect projection
  - New vs. existing
  - Detached single family, Town home, condominium/apartment or mobile home.

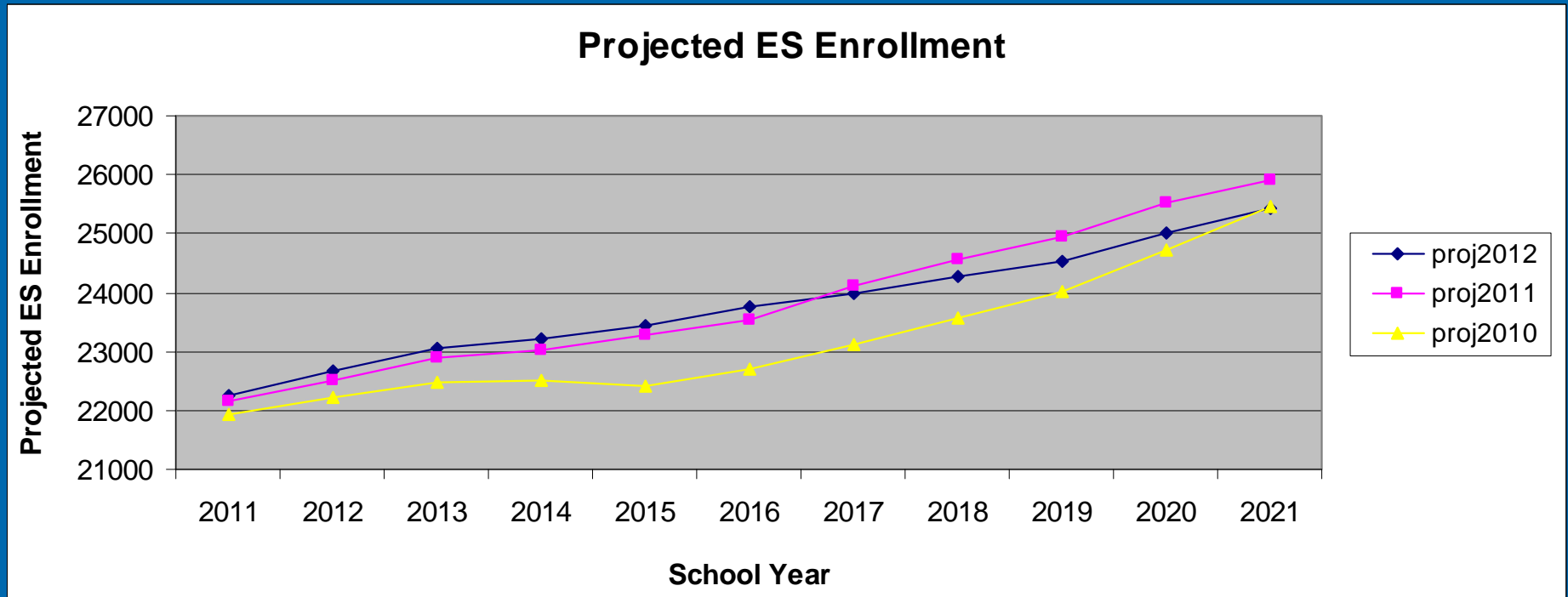
# Projection Method

- Track effects for "cohorts," or age groups
- Model at school level to capture local trends
- Repeat annually and adjust based upon experience

# Cohort Example

A	B	C	D	E	F	G	H	I	J
<b>1st Projected Year: 2009</b>			<b>School: Atholton ES</b>						
<b>Attending Population</b>		<b>Projected -----&gt;</b>							
By Sept. 30, ->	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>
K	76	73	73	73	73	73	73	73	73
1	64	77	74	75	74	75	75	75	75
2	76	63	78	74	75	75	75	75	75
3	60	81	67	83	79	80	80	80	80
4	67	65	85	71	87	83	84	84	84
5	72	68	67	85	72	88	84	85	85
Tot	<b>415</b>	<b>427</b>	<b>444</b>	<b>461</b>	<b>460</b>	<b>474</b>	<b>471</b>	<b>472</b>	<b>472</b>
Utilization %		<b>110</b>	<b>115</b>	<b>119</b>	<b>119</b>	<b>122</b>	<b>122</b>	<b>122</b>	<b>122</b>

# Elementary School Projections





# Enrollment Projection

- Prepared annually
- Starting point for capital budget process
- Basis for redistricting decisions

# Enrollment Projection

- Based upon official enrollment reports to MSDE
- Projection checked against new MSDE report
- New projection influenced by analysis of accuracy

# Projection Responds to Observed Enrollment

Enrollment  
Projection  
2011

Feasibility Study  
June 2011

Observed  
Enrollment  
September 2011

Accuracy Report  
February 2012

Enrollment  
Projection  
2012

# Redistricting Method

- Staff uses planning polygons
  - Geographic units of 100 or less elementary students
  - Associate projection data to each polygon
- Scenarios are made by changing assignments of polygons
- Reports assess the effects of the scenario based upon considerations in policy

# Long Term Strategy

2013

2014

2015

2016

2017

2018

2019

Redistricting to  
open ES #41

Relieve Columbia  
East crowding

Relieve  
Veterans ES

Southeastern ES  
Capacity  
(GCES, BBES)

Use some Western  
Capacity

Redistricting to  
open MS #20

Balance MS  
capacity  
throughout  
system

Add ES  
capacity  
Downtown  
Columbia  
(RBES)

Southeastern ES  
Capacity  
(LWES)

Relieve  
Howard HS  
with  
redistricting

Use Western  
capacity  
and Waverly  
addition to  
balance  
ES growth  
from  
Turf Valley

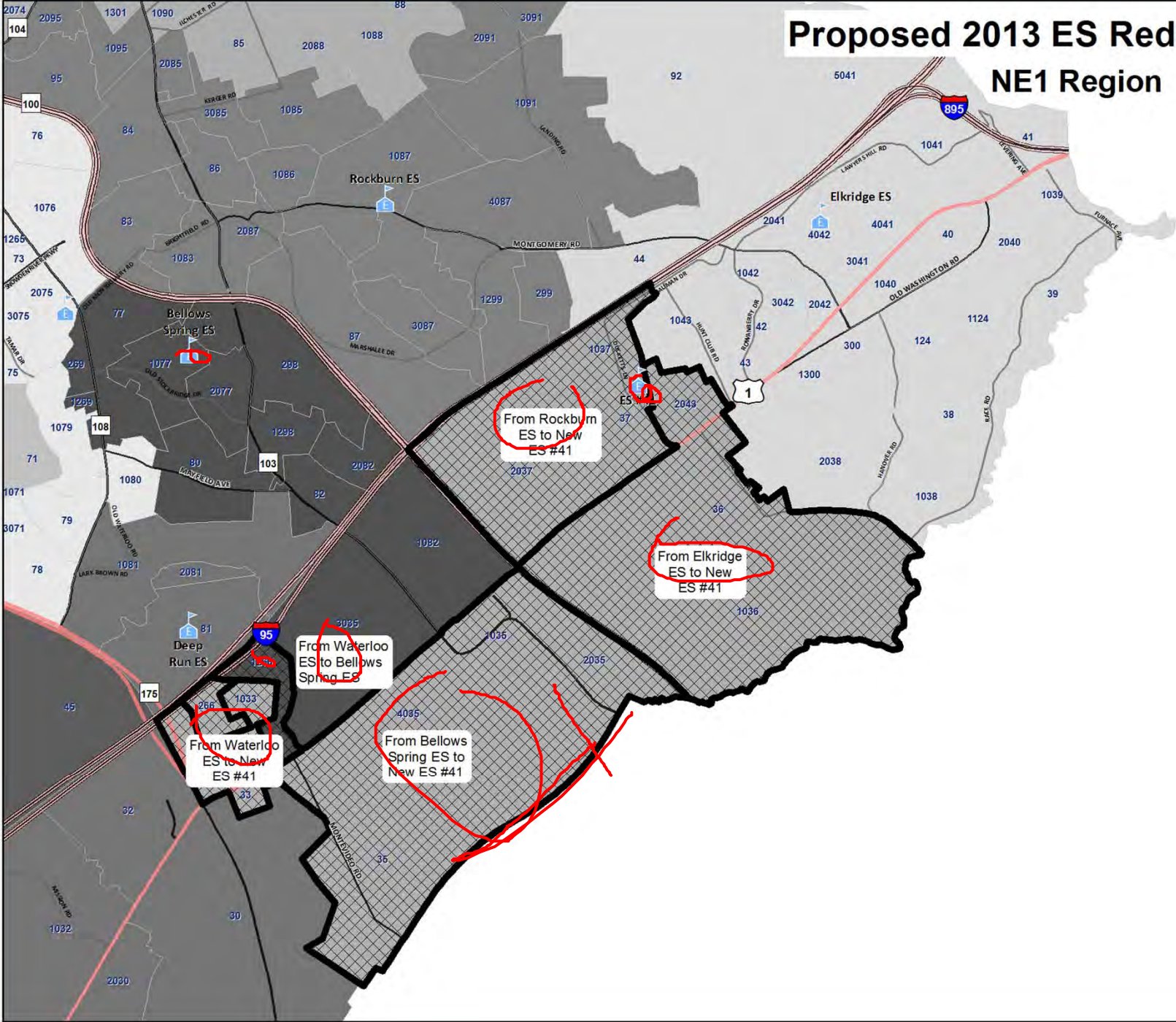
Add ES  
capacity in  
Northeast  
(DRES)

Add MS  
capacity in  
Downtown  
Columbia  
(WLMS)

Redistricting in  
Northeast and  
Southeast to  
Open ES #42

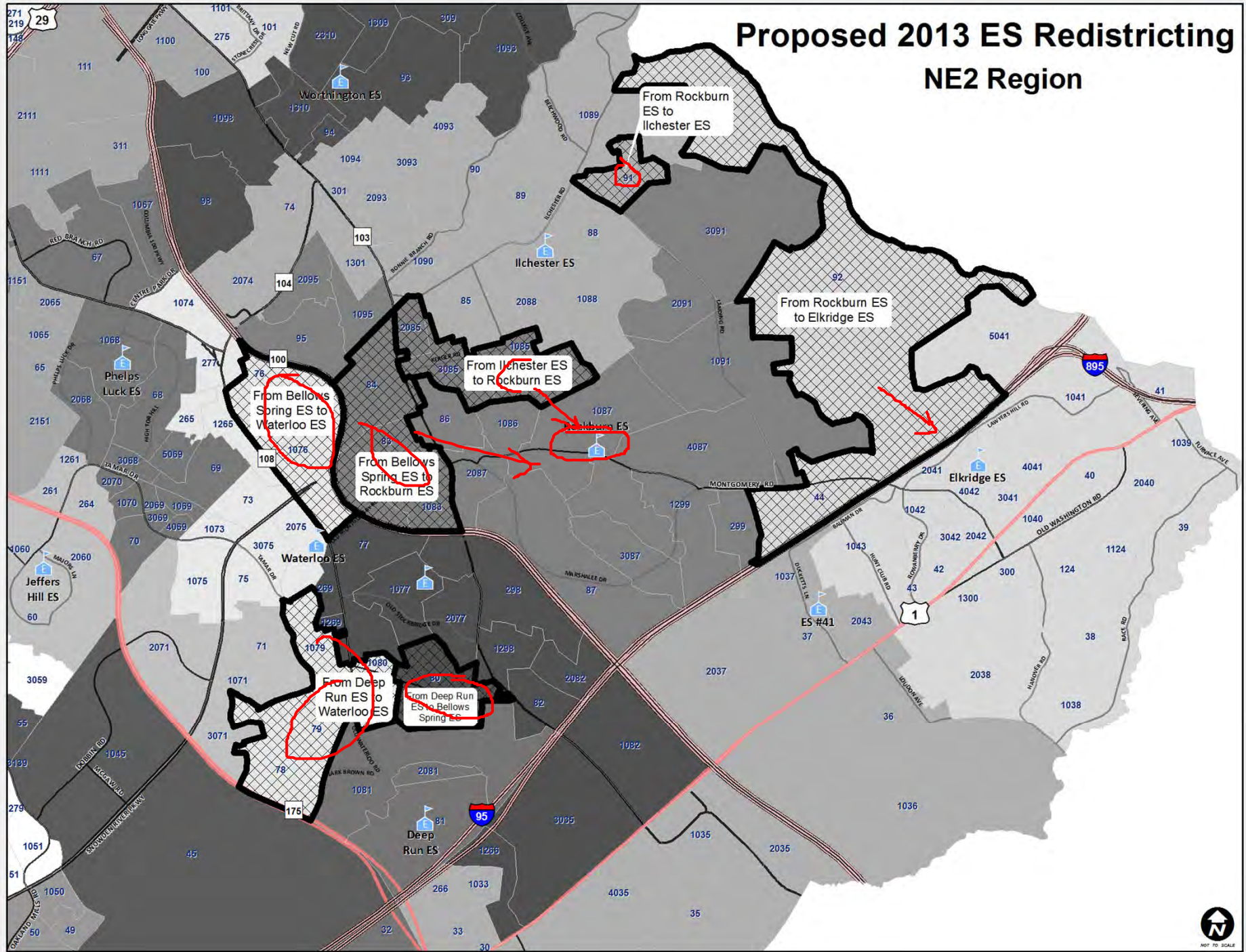


# Proposed 2013 ES Redistricting NE1 Region



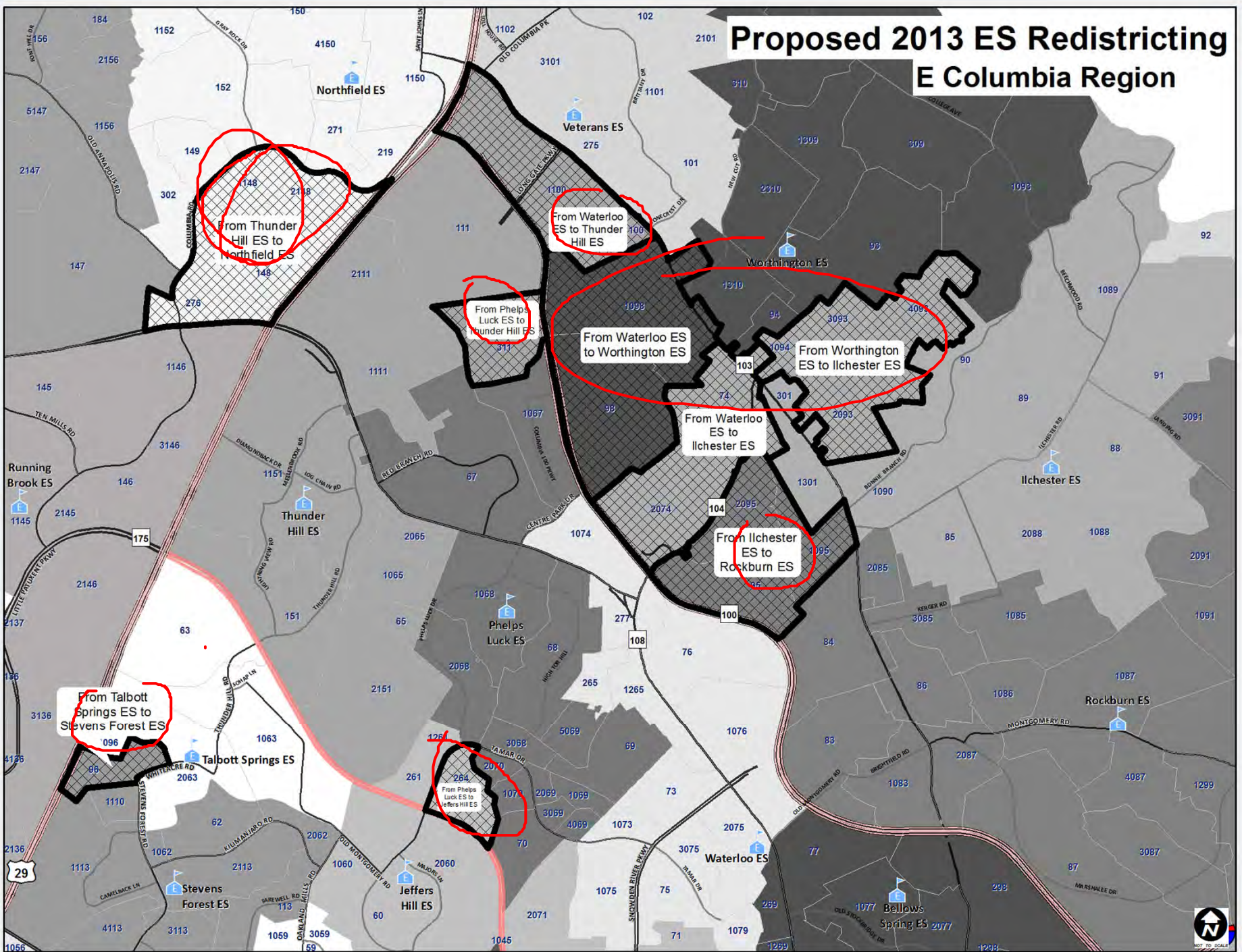
NOT TO SCALE

# Proposed 2013 ES Redistricting NE2 Region





# Proposed 2013 ES Redistricting E Columbia Region







# June 2012 Feasibility Study

- <http://www.hcpss.org/boundarylines/>
- Presents all projections
- Evaluates planning trends
- Recommends redistricting in 2013
- Presents long range plan

# Homework

- **Review 2012 Feasibility Study**
  - **Consider proposed map pages 36-39**
  - **Compare to maps from 2011 Feasibility Study**
  - **Strength and a weakness feedback**
- **Email feedback/questions in advance of our next meeting July 5**

Questions  
Comments