

MEMORANDUM

DATE: January 7, 2020
FROM: Steven A. Sparks, AICP
Robert McCracken
TO: Middle School Boundary Adjustment Advisory Committee
SUBJECT: January 9, 2020 Committee Meeting

Meeting Expectations

The January 9, 2020 committee meeting will be a continuation of the second phase of the boundary review project that began at the December 19, 2019 committee meeting. The Committee will not be reviewing the four (4) theme maps that were created to graphically represent the public testimony provided at the November committee meetings. The committee will review the maps that staff have prepared in response to information and data requests made by the committee at the December 19th committee meeting.

In reviewing the attached maps and supporting materials, the committee should again focus its review and deliberations on the first two (2) Board Objectives. Those objectives are:

1. *Create an attendance boundary for the Timberland-area middle school that provides a projected student population sufficient for comprehensive middle school programming.*

The Timberland-area middle school has a maximum capacity of approximately 1,100 students. The minimum number of students for comprehensive middle school programming is approximately 800 students.

2. *Adjust the attendance boundary for Stoller MS to provide a projected student population of approximately 90% of the permanent capacity of Stoller MS.*

The permanent capacity of Stoller Middle School is 1,081 students. The current enrollment (official on 10-1-19) is 1,560 students (including SUMMA students). 90 percent of the permanent capacity of Stoller MS is approximately 970 students.

Please note that the Board Objective calls for approximately 90 percent of permanent capacity. Permanent capacity are classrooms and common spaces within the permanent structure. Portable classrooms are not included in permanent capacity as portables are intended to be temporary solutions to address over enrollment at schools.

The approximately 90 percent of permanent capacity objective was stated by the Board in order to provide the ability to accommodate future enrollment growth in the future Stoller MS attendance boundary. As the committee understands, there are additional areas of residential growth in the North Bethany area. The elementary schools in the North Bethany area also have large enrollments as a result of the recent residential development in that area. Through the committee’s review of the future Stoller boundary, the committee may come to a recommendation that is a lower or higher capacity utilization based on projected enrollments and other factors.

Meeting Materials

As noted above, staff have prepared maps in response to information and data requests made by the committee at the December 19th committee meeting. There are four (4) maps that staff have prepared in response to the committee’s direction. They are:

- Advisory Committee Test Map 1
- Advisory Committee Test Map 2

Both maps were prepared at the request of two advisory committee members. The maps have issues that will need to be reviewed and resolved. For example, Test Map 1 has Meadow Park MS feeding three (3) high schools and has enrollments at some middle schools lower than the optimal enrollment for middle school. Map 2 issues include an island area (Bethany ES) feeding Meadow Park and also having enrollments at some middle schools lower than the optimal enrollment for middle school. Regardless, the maps do have information and ideas for the committee to explore.

Test Maps 1 and 2 also contain information the committee should consider. The majority of public comment has been specific to Findley or Springville elementary schools remaining in or leaving the Stoller attendance boundary. Test Maps 1 and 2 show one school being in the Stoller attendance boundary and the other not in the boundary. As illustrated in the attached map documents and the table below, **from just a resident student perspective**, neither test map meets Board Objective Two.

			Projected Stoller Enrollment	
			2021	2025
Test Map 1	Springville In Stoller	Findley Out of Stoller	1,128	1,403
Test Map 2	Findley In Stoller	Springville Out of Stoller	1,071	1,139

The committee requested information and maps which illustrate the impacts where:

- ✓ middle school to high school feeder patterns remained whole to the maximum extent possible.
- ✓ the utilization of building capacity at each school is equal to 90% to the extent possible.

Staff have prepared the following maps in response to Committee direction:

- Staff Test Map - MS to HS Feeder Patterns
- Staff Test Map - Utilization of Capacity

These maps too have issues to review and resolve. For example, the Capacity Utilization map has Meadow Park MS at the extreme southern end of the potential attendance boundary and splits three (3) elementary schools feeding Meadow Park.

A committee member also requested data on the projected number of students expected to be on-site vs. the total capacity of all 9 BSD middle schools. The total projected on-site attendance (general education, SUMMA and Rachel Carson at Five Oaks), if evenly distributed, on-site student attendance would utilize about 90% of permanent capacity and about 80% of total capacity. It goes without saying that the student population and building locations, are not evenly distributed throughout the District. The committee should take from this information that permanent capacity exists for all projected middle school students. However, that capacity may not be proximate to the locations of the students. The following table illustrates this capacity.

	Actual	Projected	Projected	Projected	Projected	Projected	Projected	Projected
	2019	2020	2021	2022	2023	2024	2025	2026
6-8th Total	9,317	9,320	9,354	9,184	9,162	9,024	9,121	8,985
Attend Offsite (ACMA, ISB, HS2, AHP)	1,364	1,370	1,370	1,370	1,370	1,370	1,370	1,370
Net Attending MS (incl. SUMMA & RC)	7,953	7,950	7,984	7,814	7,792	7,654	7,751	7,615
Perm Capacity (incl. Timberland)	8,633	8,633	8,633	8,633	8,633	8,633	8,633	8,633
Port Capacity	798	798	798	798	798	798	798	798
Total Cap	9,431	9,431	9,431	9,431	9,431	9,431	9,431	9,431
Net Attending MS	2019	2020	2021	2022	2023	2024	2025	2026
% Utilization of Permanent	92.1%	92.1%	92.5%	90.5%	90.3%	88.7%	89.8%	88.2%
% Utilization of Perm+Portables	84.3%	84.3%	84.7%	82.9%	82.6%	81.2%	82.2%	80.7%

- Areas of Student Poverty

This map illustrates the areas of poverty within the district. This data will be used to address one of the factors contained in Policy JC.

- Current SUMMA Students

This map illustrates the location of SUMMA students for SY 2019-2020 by grid code and attendance area.

Additional maps and data are being developed in response to the committee's direction. Those maps and data will be made available at the January 9th meeting. Those materials include, and may not be limited to, the following:

- Socio-economic and demographic analysis for each of the four (4) Test Maps;
- Walk zones for all middle school locations;
- Existing split feeder patterns and the number of students in those areas;
- What is current time, miles, cost of busing WTV area students to Cedar Park compared to the potential time, miles, cost of busing WTV area students to Timberland?
- What is the average bus time and miles travelled for MS students?

The Transportation department is reviewing the most current transportation data to respond to the committee's data requests. With respect to the last bullet point, the current median MS bus route is approximately 22 minutes and 5 miles.