

Master Facility Plan



What is Master Facility Planning?

- A process to utilize community engagement to develop a master plan to deal with anticipated growth.
- Once complete we have a plan that outlines how to move forward to deal with additional students while improving educational facilities.

a strong master plan:

educationally appropriate

fiscally responsible

community supported



Key focus points during the process

- Community engagement
- Assessments of our current facilities
- Enrollment projections
- Community Advisory Team input to develop consensus
- Open public forums to gauge appropriateness of solutions
- Understanding curriculum requirements
- Interface with the public, Board of Education, Community Advisory Team and other district stakeholders for input and direction

Why do we need a Master Facility Plan?

- Current capacity issues
- Anticipated growth
- Aging facilities
- Evolving education process

Enrollment Projections

Table 12
HIGH PROJECTED ENROLLMENTS BY GRADES
 Beaver Creek City School District

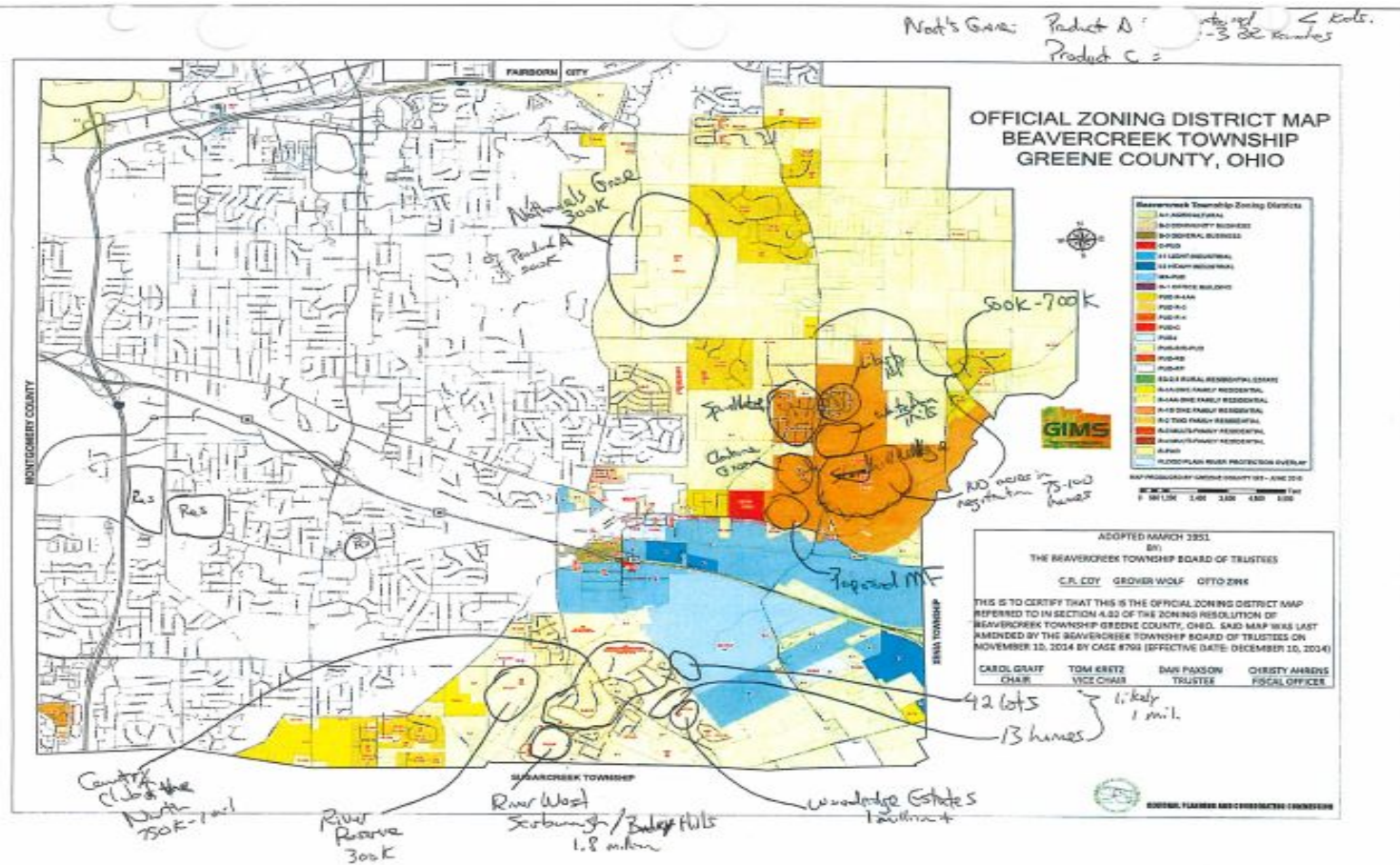
Grade	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
PK	238	245	250	250	250	255	255	255	260	260	260
K	560	568	572	576	580	584	588	592	598	602	618
1	569	605	575	611	591	595	605	616	620	636	647
2	579	584	612	580	618	625	605	615	624	637	649
3	599	608	608	639	608	649	651	636	643	656	669
4	628	624	634	649	666	637	676	701	678	680	684
5	539	652	648	671	672	698	661	702	728	681	696
6	562	552	656	652	662	659	697	649	707	733	687
7	622	575	575	656	671	675	667	697	654	710	735
8	605	639	633	634	670	680	684	677	716	667	726
9	600	626	656	621	646	678	697	708	706	736	694
10	641	603	633	668	604	584	704	700	711	712	741
11	666	642	604	634	669	605	587	705	701	712	714
12	595	669	641	593	622	656	598	574	704	695	698
P-K – 12 Total	8,003	8,192	8,297	8,434	8,529	8,580	8,675	8,827	9,050	9,117	9,218
K-12 Total	7,765	7,947	8,047	8,184	8,279	8,325	8,420	8,572	8,790	8,857	8,958

Source: Planning Advocates

Current District Capacity

BCSD Facility Summary							
						8-15-2019	2027-28
		Year Built	Facility Sq. Ft.	Calculated Capacity	Current Enrollment	High Proj Enrollment	
Existing Facilities							
Beavercreek High School		1954	308,700	1,813.50	1949	2153	
Ferguson Freshman School		1960	106,690	681.20	650	694	
Ankeney Middle School		1969	120,900	890.50	702	1074	
Coy Middle School		2013	160,000	1,065.25	1014	1074	
Fairbrook Elementary		1958	60,710	520	570	661	
Valley Elementary		1966	55,260	541	475	661	
Parkwood Elementary		1965	58,060	496	485	661	
Shaw Elementary		1967	66,160	713	665	660	
Main Elementary		1932	73,970	600	613	660	
Trebein Elementary		2013	105,000	765	837	660	
Preschool		2015	18,532	229	265	260	
Sub total			1,133,982	8,313	8,225	9,218	
							8,313
				Req'd Added Capacity			905

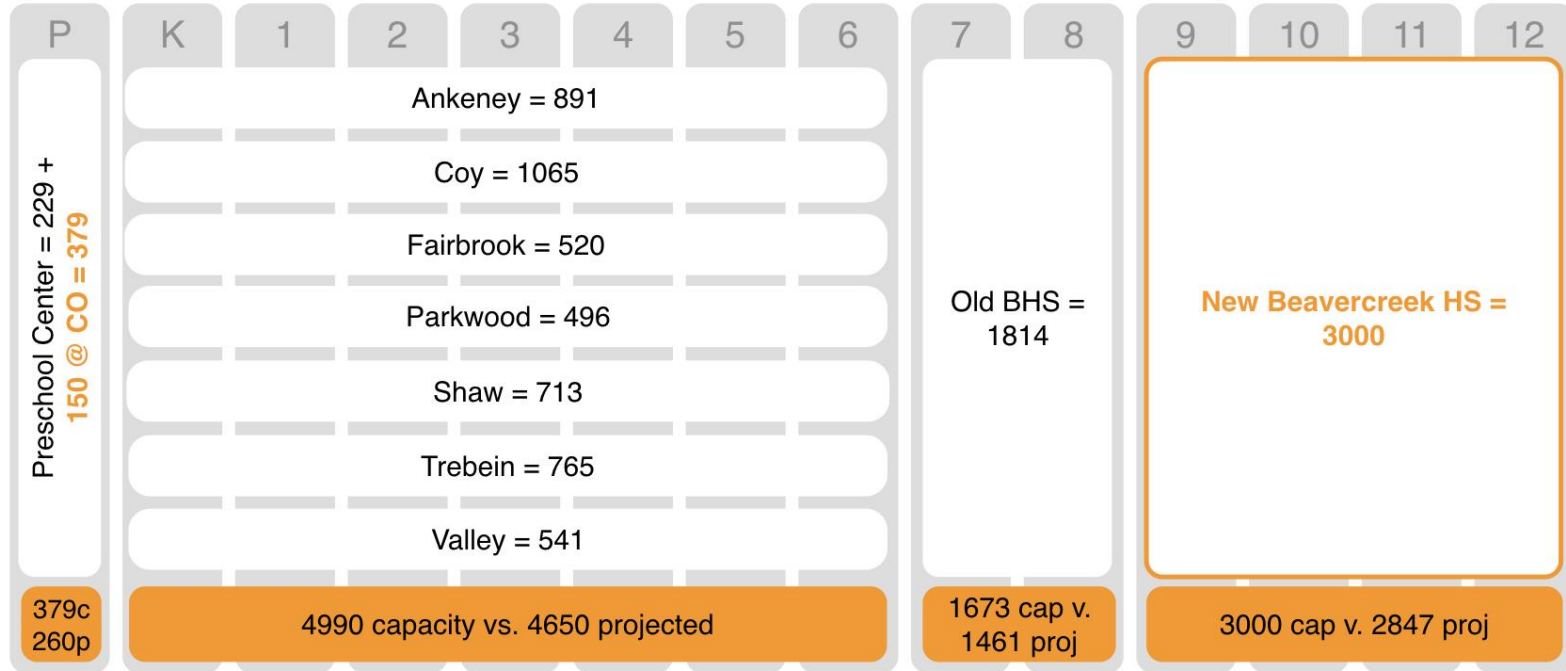
Continued Growth



Plan B - New High School

- **Includes:**
 - Preschool expansion into Central Office (+150 seats)
 - Central Office moves into Main (-600 seats)
 - New high school on existing land (+3000 seats)
 - New uses:
 - Elementary buildings become K-6 grade
 - Ankeney MS to an elementary school
 - Coy MS to an elementary school
 - BHS to a 7-8 grade building
 - Ferguson Hall available for alternative uses
 - Additional gyms at Fairbrook, Parkwood and Valley

Plan B - New High School



1869 additional seats
 10,184 total seats vs. 9218 projected

Main becomes Central Office/Tenant Offices-600 Seats
 Ferguson Hall Available for Alternative Uses

Plan B - New High School

PROS

- HS designed for next generation learning/teaching
- 9th grade with HS
- No disruption due to construction
- Continued use of all existing structures
- Allows for a more balanced distribution of elementary population
- Allows for most growth
- Improved traffic patterns
- Expansion of athletic and community use facilities
- Most effective use of tax dollars

CONS

- Bond cost
- Uneven elementary distribution

Committee Recommendation

Plan B - New High School

BENEFITS:

- Maintains use of all current facilities
- Maximizes growth potential
- Most beneficial for students with the least impact
- All BCS enrolled students experience a new high school building
- Most effective use of tax dollars
- Best addresses the current & future needs of Beavercreek City Schools

Cost Estimate

- Estimated preliminary bond cost (based on a 38-year bond issue):
 - Plan B
 - Additional \$8 per month (\$96/year) in taxes per \$100,000 home valuation



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