



Crabtree, Rohrbaugh & Associates

**HEMPFIELD
SCHOOL DISTRICT**

FACILITY STUDY PROCESS

APRIL 9, 2019

STUDY PROCESS

GUIDING PRINCIPLES

FACILITY ASSESSMENTS

TIMELINE

NEXT STEPS

AGENDA

STUDY PROCESS

STUDY PROCESS

STEP 1



Define Goals

STEP 2



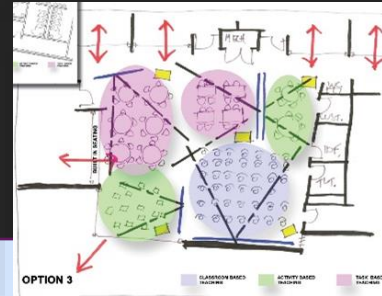
Information Gathering

STEP 3



Analyze Data

STEP 4



Develop Options

STEP 5



Recommendations

Educational Visioning
Financial
Guiding principles
Indicators of quality
Establish benchmarks

Building Capacity Analysis
Enrollment Analysis
Facility Assessments
Utility cost history
Current Use of Space Program
Existing Documents

Space analysis
Energy modeling
Benchmarking
Educational adequacy
Program Compliance
Right sizing the box

Infrastructure improvements
Educational improvements
Community Use
Cost Estimating
Operational Savings
Phasing
Prioritize Projects

Short and Long Term Planning
Final report

Option Selection

Board

Board

EXAMPLES OF GUIDING PRINCIPLES

POTENTIAL STAKEHOLDER GROUPS

DISTRICT LEADERSHIP TEAM

we must be connected
collaboration is very important
our buildings should celebrate the arts
we must teach the whole child
embrace the maker movement
students should be critical thinkers

TEACHERS

collaboration is key
blended learning
embrace the maker movement
teachers should be mentors
schools should be learning tools
specials should be at core of curriculum
critical thinking is key

STUDENTS

learning happens everywhere
smaller group / class size = in-depth learning
need more outdoor learning
hands on learning is better

PARENTS

learning happens outside of the classroom
differentiated learning is important
STEM is important
smaller is better
teaming is good

SCHOOL BOARD

district should be model for teaching and learning
student safety is important
languages should be priority at elementary level
buildings should meet 21st Century learning needs
more collaborative learning spaces
buildings should connect students to nature
curb appeal is important

BUSINESS LEADERS

curb appeal is important
problem solving is important
world language is important
the arts are important
district plays a part in regional growth
embrace diversity

GOALS OF THE STUDY



**Short and long term
planning**

**Implement future-focused
educational vision**

Plan for growth

Guide for decision making

**Financial plan to maintain
facilities**

CAPACITY ANALYSIS



How many students can each building accommodate?

Is there adequate space for support programs?

Are collaborative learning spaces planned?

Do we have room to grow and offer new programs?

What is the recommended utilization rate for each building?

FACILITY ASSESSMENT

Evaluates and identifies building and site condition

Provides timeline for work

Provides preliminary recommendation

Assigns range of construction cost

CR Crabtree, Rohrbaugh & Associates - Architects 401 East Winding Hill Road Mechanicsburg, PA 17055 Maryland • Pennsylvania • Virginia • West Virginia		SCALE		DESCRIPTION	FCI %	TIMELINE				
D R A F T		5	NEW	New or like-new condition; Reevaluate in 8 - 10 years	91% - 100%	8-10 YRS.				
		4	GOOD	Minimal wear for age, no issues	61% - 90%	6-8 YRS.				
		3	FAIR	Average wear for age, approaching end of lifecycle	31% - 60%	4-6 YRS.				
		2	POOR	Worn from use or age, end of expected lifecycle	16% - 30%	2-4 YRS.				
		1	CRITICAL	Extremely worn or damaged, replace as soon as possible	0% - 15%	< 2 YRS.				
Wilson School District										
Wilson High School										
FACILITY CONDITION INDEX (FCI) Assessed DATE										
Site	5	4	3	2	1	NA	Comments & Recommendations	Low	to	High
1 Perimeter Fencing & Gates							• None on site.	\$0.00	-	\$0.00
2 Athletic Fields			•				Off-site football field, baseball field and tennis courts are in good condition.	\$0.00	-	\$0.00
3 Athletic Field Structures, Scoreboards			•				Bleachers, scoreboard and concession stands are in good condition for their current use.	\$0.00	-	\$0.00
4 On-Site Sidewalks		•					Average wear for age.	\$0.00	-	\$0.00
5 Play Equipment							• Play equipment adjacent to High School is the responsibility of the township.	\$0.00	-	\$0.00
6 Paving			•				Existing paving in parking lot may need re-coated.	\$0.00	-	\$0.00
7 Striping, Markings, Speed Bumps			•				Stripes on parking lot may need re-striping in a few years.	\$0.00	-	\$0.00
8 Curbing							Average wear for age.	\$0.00	-	\$0.00
9 On-Site Signage		•					Clings on directional signs are currently installed and new; consider marquee or directional signage.	\$0.00	-	\$0.00
10 Exterior Furniture, Bike Racks, Storage							• Exterior elements in athletic areas only, refer to athletic field structures above	\$0.00	-	\$0.00
11 Retaining Walls, Site Walls							• none	\$0.00	-	\$0.00
12 Freestanding Walkway Canopies							• none	\$0.00	-	\$0.00
<i>Subtotal</i>								\$0.00	-	\$0.00
Site Accessibility	5	4	3	2	1	NA		Low	to	High
1 Pedestrian Access - ADA & Safety			•				School is located in an urban setting. Crosswalks are to be clearly indicated and maintained.	\$0.00	-	\$0.00
2 Vehicular Access - Vehicles					•		All three functions occur around the same neighborhood streets throughout the day. An official loading area does not exist. Buses stack down the road.	\$0.00	-	\$0.00
3 Vehicular Access - Buses					•			\$0.00	-	\$0.00
4 Vehicular Access - Deliveries					•			\$0.00	-	\$0.00
5 Handicap Parking				•			handicap parking available; consider marking and signage to clearly indicate.	\$0.00	-	\$0.00

TIMELINE

HEMPFIELD SCHOOL DISTRICT

2019 Feasibility, Enrollment & Attendance Area Study

	Discovery March-June	Analysis June-August	Recommendations September-November
Discovery			
Establish Administrative Team and Study Schedule			
Goal Setting			
Assess Current Facility Conditions and Examine Long-Term Needs			
Review Current and Projected Enrollments			
Stakeholder Visioning Exercise			
Analysis			
Develop Planned Educational Program			
Review Current Attendance Areas and Planned Housing Growth			
Design Concepts to Address Enrollment and Planned Educational Program			
Review 10-year Enrollment Projections for Buildings and Grade Levels			
Recommendations			
Present Options and Discuss Pros and Cons			
Assign Costs to Upgrade Facilities and Address Deficiencies			
Recommendation for and Vote on Recommended Attendance Areas			

NEXT STEPS

NEXT STEPS

Develop understanding of facility needs

Establish desired future-focused educational vision

Determine “reasonable growth” for planning

Determine what is important

Develop a financial plan to address your needs



Questions?



Crabtree, Rohrbaugh & Associates
www.cra-architects.com