

Schuylkill Valley School District

District-Wide Feasibility Study 7 March 2020







Project Team



Schuylkill Valley School District



El Associates Architects & Educational Facilities Planners

K&W Civil / Site Engineering



SitelogiQ (formerly Reynolds) Mechanical, Electrical, Plumbing Engineering / Estimates



Advanced Foodservice Solutions Food Service / Kitchen Design



Baker, Ingram & Associates Structural Engineering



Process / Contents of the Study

Demographic Review

(Student Enrollment, Population, Housing)

Facilities Study

(Building Improvements & Construction Cost)

Educational Program Review

(Requirements / Needs)

- Solutions (Construction Options)
- Cost of Options
- Schedule

Note: Study per PDE Requirements



Demographic Exploration - Population

TABLE 6	2000 Actual	2010 Actual	Value	% Change	2017 Estimated	Value	% Change
Total Population	Total Popul.	Total Popul.	2000 to 2010	2000 to 2010	Total Popul.	2010 to 2017	2010 to 2017
Bern Township	6,758	6,797	39	0.6%	6,952	155	2.3%
Centerport Borough	327	387	60	18.3%	293	-94	-24.3%
Centre Township	3,631	4,036	405	11.2%	4,086	50	1.2%
Leesport Borough	1,805	1,918	113	6.3%	2,054	136	7.1%
Ontelaunee Township	1,217	1,646	429	35.3%	2,171	525	31.9%
School Dist. Total	13,738	14,784	1,046	7.6%	15,556	772	5.2%

TABLE 6 - CHART A



2000 - 2010

Gain of Population
 + 1046

2010 - 2017

Gain of Population

+ 772

2000 - 2017

Gain of Population

+ 1818



Demographic Exploration - Housing

TABLE 9	2000	2010	Value	%	2017	Value	%
	Total	Total	Change	Change	Estimated	Change	Change
	Housing	Housing	2000 to	2000 to	Housing	2010 to	2010 to
Total Housing Units	Units	Units	2010	2010	Units	2017	2017
Bern Township	1,964	2,168	204	10.39%	1,977	-191	-8.81%
Centerport Borough	139	150	11	7.91%	134	-16	-10.67%
Centre Township	1,405	1,570	165	11.74%	1,659	89	5.67%
Leesport Borough	718	790	72	10.03%	829	39	4.94%
Ontelaunee Township	557	680	123	22.08%	867	187	27.50%
School District Total	4,783	5,358	575	12.02%	5,466	108	2.02%

TABLE 9 - CHART A



2000 - 2010

Gain of Housing

+ 575

2010 - 2017

Gain of Housing

+ 108

2000 - 2017

Gain of Housing

+ 683



Demographic Exploration – Historical Student Enrollment

	Κ	1	2	3	4	K - 4	5	6	7	8	5 - 8	9	10	11	12	9 - 12	K - 12
2000-01																	1888
2001-02																	1909
2002-03																	1928
2003-04																	1908
2004-05	119	120	128	139	153	659	132	176	179	159	646	177	165	175	145	662	1967
2005-06	134	137	127	142	150	690	157	139	178	178	652	159	173	154	165	651	1993
2006-07	129	145	137	134	143	688	149	158	143	187	637	177	165	180	153	675	2000
2007-08	118	137	145	136	142	678	144	155	161	151	611	197	186	168	171	722	2011
2008-09	129	126	146	140	141	682	143	155	159	164	621	153	186	181	161	681	1984
2009-10	142	134	126	146	145	693	139	150	154	156	599	172	161	189	188	710	2002
2010-11	120	141	140	121	147	669	150	151	152	156	609	159	169	157	183	668	1946
2011-12	148	129	142	141	126	686	151	157	155	154	617	160	154	164	150	628	1931
2012-13	141	155	144	146	138	724	130	155	159	148	592	164	157	157	169	647	1963
2013-14	158	145	157	152	151	763	134	135	153	160	582	150	159	152	155	616	1961
2014-15	143	153	151	159	154	760	156	135	146	152	589	166	154	156	153	629	1978
2015-16	126	158	161	155	170	770	152	163	140	150	605	160	168	157	162	647	2022
2016-17	150	138	156	166	156	766	168	161	176	145	650	149	158	163	153	623	2039
2017-18	134	157	149	160	168	768	150	185	173	183	691	138	152	149	165	604	2063
2018-19	147	147	163	151	164	772	169	155	185	170	679	177	138	152	149	616	2067
2019-20	152	164	151	168	156	791	169	181	154	180	684	162	182	138	154	636	2111

2000 - 2010

Gain of Students

+ 58

2010 - 2017 Gain of Students + **117**

2000 - 2017 Gain of Students

+ 175



Facilities Evaluation Process

Improvement Lists: Itemized, Priced, and Prioritized

Facilities **Evaluations**

Architects, Civil and MEP **Engineers, and Kitchen Designers** survey buildings and sites

PHYSICAL PLANT

- Security
- Mechanical
- Safety
- Codes
- Condition
- Electrical
- Plumbing
- Site

EDUCATIONAL PROGRAMMING

- Efficient Program-Use of Facilities
- Size / Future Capacity of Schools
- Grade Realignment / Grade Levels
- Students per Classroom
- Use of Core Facilities
- Site Parking, Drives, Playfields

ARCHITECTURAL SURVEY

- The ceiling tile & grid are showing signs of age and tiles are bowed at the 8 edges due to humidity levels. Remove and replace with new ceiling tile & grid.
- Significant amount of building wall cracking is present in the corridor walls as 9 well inside most classrooms occurring at walls between classrooms , the corridor wall, and at the soffit that parallels the corridor wall. Cracking is moderate to high at a few locations. Repair cracking and repaint wall.
- 10 The wardrobe doors in classroom #065 have minor scratches and other damage. Refinish doors.
- C. Interior of Building Evaluation (con't):
- Install bookshelves at removed unit vents and modify existing bookshelves at 11 install of vertical air handler at 25 locations. Install new plastic laminate top over bookshelves.
- 12 The kitchen equipment is in poor condition and is aged. Remove and replace kitchen equipment.
- 13 Asbestos should be assumed to be present in all subsurface tars, glues, mastics, caulking, drywall, spackling compounds, and window glazing. Asbestos is also present in 9" floor tile and mastic covering 21,500 sf dispersed throughout the building. Cost for asbestos mitigation is not included in this study.

Interior of Building Evaluation Sub-Total:

D. Heating, Ventilation and Air Conditioning (HVAC) Evaluation:

- Building heating hot water is provided by two cast iron coal fired boilers 1 installed in 1991. The boilers are manufactured by Kewanee 2100 MBH water, 63 HP output. The units are in fair condition considering their age, but they operate at poor efficiency compared to modern boiler efficiency standards. Replacement of the boilers is recommended.
- 2 A base mounted hot water pump and an inline hot water pump circulate the heating hot water to the classroom unit ventilators. The base mounted pump is original equipment and has exceeded its normally expected life. Replacement parts are difficult to obtain. It was also noted that the insulation is starting to deteriorate on the piping associated with this equipment. This unit is recommended for replacement.



Facilities Evaluation Process

Improvement Lists: Itemized, Priced, and Prioritized

Facilities Evaluations

Architects, Civil and MEP Engineers, and Kitchen Designers estimate costs for each work item individually

ITEMIZED ESTIMATED COSTS

Estimates = 1 year window

ARCI	HITECTURAL SURVEY	Cost
8	The ceiling tile & grid are showing signs of age and tiles are bowed at the edges due to humidity levels. Remove and replace with new ceiling tile & grid.	\$189,700
9	Significant amount of building wall cracking is present in the corridor walls as well inside most classrooms occurring at walls between classrooms, the corridor wall, and at the soffit that parallels the corridor wall. Cracking is moderate to high at a few locations. Repair cracking and repaint wall.	\$31,500
10	The wardrobe doors in classroom #065 have minor scratches and other damage. Refinish doors.	\$500
C.	Interior of Building Evaluation (con't):	
11	Install bookshelves at removed unit vents and modify existing bookshelves at install of vertical air handler at 25 locations. Install new plastic laminate top over bookshelves.	\$93,800
12	The kitchen equipment is in poor condition and is aged. Remove and replace kitchen equipment.	\$181,400
13	Asbestos should be assumed to be present in all subsurface tars, glues, mastics, caulking, drywall, spackling compounds, and window glazing. Asbestos is also present in 9" floor tile and mastic covering 21,500 sf dispersed throughout the building. Cost for asbestos mitigation is not included in this study.	TBD
	Interior of Building Evaluation Sub-Total:	\$640,900
D.	Heating, Ventilation and Air Conditioning (HVAC) Evaluation:	
1	Building heating hot water is provided by two cast iron coal fired boilers installed in 1991. The boilers are manufactured by Kewanee 2100 MBH water, 63 HP output. The units are in fair condition considering their age, but they operate at poor efficiency compared to modern boiler efficiency standards. Replacement of the boilers is recommended.	\$550,000
2	A base mounted hot water pump and an inline hot water pump circulate the heating hot water to the classroom unit ventilators. The base mounted pump is original equipment and has exceeded its normally expected life. Replacement parts are difficult to obtain. It was also noted that the insulation is starting to deteriorate on the piping associated with this equipment. This unit is recommended for replacement.	Included in D1



Facilities Evaluation Process

Improvement Lists: Itemized, Priced, and Prioritized

Facilities Evaluations

Architect, Engineers, and SD Team prioritize the work items and assign ranking to each work item

> RANK 1 HIGH PRIORITY

RANK 2 MEDIUM PRIORITY

RANK 3 LOW PRIORITY FUTURE CONSIDERATION

RANK 4 OPTIONAL SEPARATE FUTURE PROJECTS

ARCI	HITECTURAL SURVEY	Cost	Rank
8	The ceiling tile & grid are showing signs of age and tiles are bowed at the edges due to humidity levels. Remove and replace with new ceiling tile & grid.	\$189,700	1
9	Significant amount of building wall cracking is present in the corridor walls as well inside most classrooms occurring at walls between classrooms , the corridor wall, and at the soffit that parallels the corridor wall. Cracking is moderate to high at a few locations. Repair cracking and repaint wall.	\$31,500	1
10	The wardrobe doors in classroom #065 have minor scratches and other damage. Refinish doors.	\$500	2
C.	Interior of Building Evaluation (con't):		
11	Install bookshelves at removed unit vents and modify existing bookshelves at install of vertical air handler at 25 locations. Install new plastic laminate top over bookshelves.	\$93,800	1
12	The kitchen equipment is in poor condition and is aged. Remove and replace kitchen equipment.	\$181,400	1
13	Asbestos should be assumed to be present in all subsurface tars, glues, mastics, caulking, drywall, spackling compounds, and window glazing. Asbestos is also present in 9" floor tile and mastic covering 21,500 sf dispersed throughout the building. Cost for asbestos mitigation is not included in this study.	TBD	
	Interior of Building Evaluation Sub-Total:	\$640,900	
D.	Heating, Ventilation and Air Conditioning (HVAC) Evaluation:		
1	Building heating hot water is provided by two cast iron coal fired boilers installed in 1991. The boilers are manufactured by Kewanee 2100 MBH water, 63 HP output. The units are in fair condition considering their age, but they operate at poor efficiency compared to modern boiler efficiency standards. Replacement of the boilers is recommended.	\$550,000	1
2	A base mounted hot water pump and an inline hot water pump circulate the heating hot water to the classroom unit ventilators. The base mounted pump is original equipment and has exceeded its normally expected life. Replacement parts are difficult to obtain. It was also noted that the insulation is starting to deteriorate on the piping associated with this equipment. This unit is recommended for replacement.	Included in D1	



Schuylkill Valley Elementary School

Existing Conditions

Built: 1993 Site: 110.41 acres* Area: 112,000 SF District Capacity: 792 2019-20 Enrollment: 791	Grades K-4
 FACILITIES IMPROVEMENTS: Overall Campus Site Improvement Roof Rehabilitation / Repair Energy Efficient Doors & Windows 	
Interior FinishesCasework Replacement	SECOND FLOOR
 Kitchen Equipment Upgrades 	CLEAR CALL CALL CALL CALL CALL CALL CALL CA
 MEP Replacement 	
 Safety / Security Upgrades 	
 Building Code Upgrades 	
 Accessibility Upgrades 	
 Fire Protection System Install 	



Existing Conditions – MEP

Facilities Evaluations

Elementary School

Schuylkill Valley Elementary	y School	Equ	ipm	ent Ag	e and		Preliminary Asset Condition Assessment		Current Concerns/Problems					oncerns/Problems		
System	System Detail	Average Life Expectancy	Actual Age of Equipment	% Life Expectancy Used	Approx. Remaining life	Asset Condition	Asset Condition Description	Priority	Energy/Water Efficiency	Ventilation/IAQ	Temperature Level/Control	Humidity Control	Light Levels	Kecent/Impending Failure Code Compliance	Difficults to Maintain	Additional Notes
Heating Hot Water Generation	(2) Burnham fire-tube boilers, 5,021 MBH	25	25	100%		Alert	Fanisanant annt sanfal life an d dua fan an lannant	2	•		•		1	•		_
	(1) Trane air-cooled chiller, RTAC 240ton,	20	25	175%	0	Alort	Equipment past userul me and due for replacement								╈	
Chilled Water Generation	R134A.	20	25	123/0	(5)	Alert	Equipment past useful life and due for replacement	1	-		-	-	-	_	+	
Dual Temperature Water Distribution	(2) Base mounted centrif. pumps	20	25	125%	(5)	Alert	Equipment past useful life and due for replacement	1	•		_	_			_	
Air Handling Units	AHUs 1 through 10. CHW/HW coil serving big spaces such as cafeteria, multi purpose room, offices, commons, etc. A total of 11 units.	20	25	125%	(5)	Alert	Equipment past userui me anu que fui replacement	1	•	•	•	•	•	•		
Terminal Air Units	2-pipe unit ventilators	25	25	100%	0	Alert	Equipment past useful life and due for replacement, poor humidity control	2		•	•	•	•	•		Two pipe system doesn't allow for proper humidity control.
	2-pipe fancoil units.	25	25	100%	0	Alert	Equipment past useful life and due for replacement, poor humidity control	2		٠	•	•	•	•		Two pipe system doesn't allow for proper humidity control.
	Cabinet unit heaters	20	25	125%	(5)	Alert	Equipment past useful life and due for replacement	1			•			•		
	Electric duct heaters	15	25	167%	(10)	Alert	Equipment past useful life and due for replacement	1			•	_		•		
Automated Temperature Controls	Honeywell, pneumatic & DDC	18	25	139%	(7)	Alert	Equipment past useful life and due for replacement	1	•	•	•	•	+	-	-	,
kitchen refrigeration units	Units are manufactured by Penn, with hours.	20	25	125%	(5)	Alert	using R-22.	1	•						•	
Kitchen Make-up unit	AHU-7, heating only.	25	25	100%	0	Alert	Equipment past useful life and due for replacement	2		٠	•		-	•		
Domestic Plumbing Fixtures	Toilets, urinals and sinks	25	25	100%	0	Alert	China in good conditions, w/ push on valves. Should be upgraded to low-flow.	2	٠				•	• •		ADA compliance
	Water fountains	20	25	125%	(5)	Alert	In need of replacement if using R-22	1					•	• •	•	ADA compliance
	Classroom sinks and faucets	25	25	100%	0	Alert	Equipment generally in good condition, but not ADA compliant.	2	٠				•	• •	•	ADA compliance
Domestic Water Heating	(2) Lochinvar Armon condensing heaters, model AWN286PM. 285,000 BTU/hr capacity; coupled to a storage tank.	15	8	53%	7	Acceptable	Equipment generally in good condition	3	•							
Electrical Service	Siemens Switchgear-2,000A	30	25	83%	5	Caution	Equipment almost at end of useful life and should be considered for replacement	3								
Electrical Distribution	Secondary electrical panels - Siemens	30	25	83%	5	Caution	Equipment almost at end of useful life and should be considered for replacement	3								
Emergency power	Kohler Generator 1973	30	25	83%	5	Caution	Equipment almost at end of useful life and should be considered for replacement	3						•	'	
Lighting - Interior	Vast majority of school uses T8/T5/T12 fluorescent fixtures lamps.	20	25	125%	(5)	Alert	Equipment at end of useful life and due for replacement. Consider LED technology	1	•				•	•		Some lighting levels exceed recommended levels in instructional areas
	Multipurpose area uses HID lamps	25	25	100%	0	Alert	Equipment at end of useful life and due for replacement. Consider LED technology	2	•				• •	•		
Lighting - Exterior	Pole lighting - HID	25	25	100%	0	Alert	Equipment at end of useful life and due for replacement. Consider LED technology	2	•			•	• •	•	•	
	Wall packs and canopies - HID	20	25	125%	(5)	Alert	Equipment at end of useful life and due for replacement. Consider LED technology	1	٠			ŗ	•	•	•	
Lighting Controls	Multiple lighting switches in instructional areas.	20	25	125%	(5)	Alert	Installation of occupancy sensors and daylight-responsive controls are code required for new buildings.	1	•					•		
Emergency & Egress Lighting	Emergency lighting throughout bldg.	25	25	100%	0	Alert	Replacement with LED fixtures with integral fusing. Not code compliant.	2	٠				•	• •	•	
Low-voltage Systems	Phone/ Data/ Intercom/Clock Systems. Not completely VOIP.	25	25	100%	0	Alert	Review system functionality with District. Review wireless coverage with District	2	•				•	•		
	Fire Alarm System: CSI	25	25	100%	0	Alert		2			T	T	Ī	• •	·	
	Security System	25	25	100%	0	Alert	Review functionality and deficiencies of security system with District	2					-	• •	Ī	
	Access Control System, fobs and cards.	25	4	16%	21	Acceptable	Equipment generally in good condition	2						•		



Existing Conditions – MEP

Elementary School









Existing Conditions – MEP

Facilities Evaluations

Elementary School



Lighting Levels – Foot-Candles



Schuylkill Valley Middle School

Existing Conditions

Built: 1974	4(B), 1998(A), 2007(A&A)
Site:	110.41 acres*
Area:	152,000 SF
District Ca	pacity: 718
2019-20 En	rollment: 684

FACILITIES IMPROVEMENTS:

- Overall Campus Site Improvement
- Roof Rehabilitation / Repair
- Exterior Wall Repair / Cleaning
- Limited Interior Finishes Upgrades
- Limited Interior Acoustic Improvement
- Limited MEP Upgrades
- Building Code Upgrades
- Accessibility Upgrades





Existing Conditions – MEP

Facilities

Evaluations

Middle School

Schuylkill Valley Middle S	chool																
			Equ	ipm ife F	ent Ag	e and		Preliminary Asset Condition Assessment						Cu	rrei	nt Co	oncerns/Problems
	System Detail	Area(s) Served			(pecta	icy						Ы				Т	
System			Average Life Expectancy	Actual Age of Equipment	% Life Expectancy Used	Approx. Remaining life	Asset Condition	Asset Condition Description	Priority	Energy/Water Efficiency	/entilation/IAQ	Temperature Level/Contr	Humidity Control	Light Levels	Recent/Impending Failure	code compilance Difficult to Maintain	Additional Notes
Heating Hot Water Generation	(2) Bryan water tube double fuel 1998	Original building	24	21	88%	3	Caution	Equipment almost at end of useful life and should be considered for replacement		•		•	-				
	(2) Bryan water tube double fuel 2008	2007 addition	24	11	46%	13	Acceptable	Equipment generally in good condition		٠		٠					
Heating Hot Water Distribution	(2) Base mounted centrif. Pumps 20HP	Original building	20	21	105%	(1)	Alert	Equipment at end of useful life and due for replacement		٠		٠		•	•		
	(2) Base mounted centrif. Pumps 5HP VFD	2007 addition	20	11	55%	9	Acceptable	Equipment generally in good condition		•		٠					
Cooling Tower	(1) BAC model F1461-Q, 20 HP fan motors	Original building	20	21	105%	(1)	Alert	Equipment at end of useful life and due for replacement		•		•		•	•	•	
Heat Pump Loop	(2) Base mounted centrif. Dist. 25HP VFD	Original building	20	21	105%	(1)	Alert	Equipment at end of useful life and due for replacement		٠		•		•	•		
Heat Recovery Units (HRU)	(2) Heat Recovery Units	Original building	15	21	140%	(6)	Alert	Equipment at end of useful life and due for replacement		٠	٠	٠	•	•	•		
	ERV to treat fresh air.	2007 addition	15	11	73%	4	Acceptable	Equipment generally in good condition		٠	٠	٠	٠				
Air Handler Units	Heating only (2) AHU2 lockers, (1) AHU5 pool locker.	Original building	25	21	84%	4	Caution	Equipment almost at end of useful life and should be considered for replacement		•	•	•					
	DX cooling, HW heating: (2) AHU1 Gym, AHU3 platform, AHU4 office.	Original building	15	21	140%	(6)	Alert	Equipment at end of useful life and due for replacement		•	•	•	•	•	•		
Rooftop Units coupled with Energy Recovery Ventilators.	RTU1 & 2 section B 1st and 2nd floor. RTU3 LGI, RTU4 section C 2nd floor, RTU5 Cafeteria, RTU6 kitchen.	2007 addition	15	11	73%	4	Acceptable	Equipment generally in good condition		•	•	•	•				
Terminal Air Units	Water source heat pumps	Original building	19	21	111%	(2)	Alert	Equipment at end of useful life and due for replacement		•	٠	•	•	•	•		
Automated Temperature Controls	Honeywell - pneumatic with DDC overlap	Original building	18	21	117%	(3)	Alert	Equipment at end of useful life and due for replacement		•	٠	٠	•	•	•	•	
Kitchen refrigeration units	Both units are Thermo-Kool, 4 fans for the walk-in freezer, and two for the walk-in cooler.	2007 addition	15	11	73%	4	Acceptable	In need of replacement if using R-22		•		•					
Kitchen Make-up unit	RTU-6 see above	2007 addition	15	11	73%	4	Acceptable	Equipment generally in good condition		٠	٠	٠					
Domestic Plumbing Fixtures	Toilets, urinals and sinks	Entire Building	25	21	84%	4	Caution	China in good condition, with push on valves in older section of the building and automated flush valves in the addition.		•					1	• •	ADA Compliance
	Water fountains	Entire Building	20	1	5%	19	Acceptable	In need of replacement if using R-22		٠					•	•	ADA Compliance
	Classroom sinks and faucets	Entire Building	25	21	84%	4	Caution	Only in specialty classrooms (labs). Typically in good condition, not ADA compliant.		•					•	• •	
Domestic Water Heating	(3) A.O. Smith, model BTH400A100, NG	Entire Building	25	10	40%	15	Acceptable	Equipment generally in good condition		•							
Electrical Service	GE Switchgear-1,600A and 1,200A.	Entire Building	30	21	70%	9	Acceptable	Equipment generally in good condition									
Electrical Distribution	GE Switchgear	Entire Building	30	21	70%	9	Acceptable	Equipment generally in good condition									
Emergency power	Cummins with Ford engine model LSG 8751- 6005A,	Original building	30	21	70%	9	Acceptable	Equipment generally in good condition							ŀ	•	
	Cummins, model GGFD-5936053	2007 addition	30	11	37%	19	Acceptable	Equipment generally in good condition							•	•	
Lighting - Interior	T8-32W Lamps/CFL fluorescent fixtures		20	21	105%	(1)	Alert	Lamps have passed their expected life; consider LED tecnology for upgrades.		•				•	•		Some lighting levels exceed recommended levels in instructional areas
	Cafeteria, pool, gymnasium etc. currently have HID fixtures		20	21	105%	(1)	Alert	Lamps have passed their expected life; consider LED tecnology for upgrades.		•				•	•		
	There are no occupancy sensors in interior areas for lighting control.									•							
Lighting - Exterior	Pole lighting - HID	Exterior	20	21	105%	(1)	Alert	Lamps have passed their expected life; consider LED tecnology for upgrades.		•				•	•	•	
	Wall packs and canopies - HPS or MH	Exterior	20	21	105%	(1)	Alert	Lamps have passed their expected life; consider LED tecnology for upgrades.		•				•	•	•	
Lighting Controls	Lighting control panels for corridors, common areas and exterior.		25	21	84%	4	Caution	Installation of occupancy sensors and daylight-responsive controls are code required for new buildings.		•							
Emergency & Egress Lighting	Emergency lighting throughout bldg.		25	21	84%	4	Caution	Replacement with LED fixtures with integral fusing. Not code compliant.		•					1	•	
Low-voltage Systems	Phone/ Data/ Intercom/Clock Systems. Not completely VOIP.		25	11	44%	14	Acceptable	Review system functionality with District. Review wireless coverage with District		•					Ι	Ι	
1	Fire Alarm System: Simplex		25	11	44%	14	Acceptable	Equipment generally in good condition							1	•	
1	Security System		25	11	44%	14	Acceptable	Review functionality and deficiencies of security system with District						Т	1	•	
	Access Control System, fobs and cards.		25	11	44%	14	Acceptable	Equipment generally in good condition				Т	Т	Т	T	۰T	



Existing Conditions – MEP

Facilities

Evaluations

Middle School







Existing Conditions – MEP

Middle School



Room #	Space Туре	Sound Level (dB)
D109	Classroom - General	52.6
C208	Classroom - General	0.0
A219	Classroom - General	50.3
Library	Library - Reading/Studying	42.1

Facilities

Evaluations

Sound Levels





Schuylkill Valley High School / DAO

Existing Conditions





Existing Conditions – MEP

High School

Schuylkill Valley High Sch	ool		Equ Li	iipm ife E:	ent A xpect	ge and ancy	1	Preliminary Asset Condition Assessment	Preliminary Asset Condition Assessment					Curi	urrent Concerns/Problems							
System	System Detail	Area(s) Served	Average Life Expectancy	Actual Age of Equipment	% Life Expectancy Used	Approx. Remaining life	Asset Condition	Asset Condition Description	Priority	Energy/Water Efficiency	Ventilation/IAQ	Temperature Level/Control	Humidity Control	Recent/Impending Failure	Code Compliance	Difficult to Maintain	Additional Notes					
Heating Hot Water Generation	(2) Cleaver Brook fire-tube, double fuel, skid	Entire Building	25	23	929	6 2	Caution	Equipment almost at end of useful life and should be considered for	2	•		•										
Heating primary pumps	Base mounted centrif, pump 5HP, CF.	Entire Building	20	23	115	% (3)	Alert	replacement Equipment at end of useful life and due for replacement	1	•		•	+	+	1							
Chilled Water Generation	(1) Trane air-cooled chiller RTAC, 270 tons,	Entire Building	22	22	100	× 0	Alort	Equipment at end of useful life and due for replacement	-	•					t							
Chilled Water Distribution	R134A.	Catico Duilding	2.5	2.3	100	~ (2)	Alert	Faulament at and of uraful life and due for replacement	1	-		-	-	_	_							
CHW/HW Distribution Pumps	Base mounted centrif, pumps 30HP VFD	Entire Building	20	23	115	% (3)	Alert	Equipment at end of useful life and due for replacement	1			•	+	+	1							
Air Handling Units	CV AHUS: AHU2 Audit. Lobby (2), AHU4 Adit (2), AHU5, Music RM, AHU7 Comp. RM, AHU8 Tech Lab, AHU9 MATL5 Tech, AHU10 Cafe (2), AHU11 Gym, AHU12 Kitchen, AHU13 Choral RM. Htg. Only: AHU1 Dist. Storage, AHU3 Spray	Original Bldg. 1959 Original Bldg.	25	23	929	6 2 6 2	Caution	Equipment almost at end of useful life and should be considered for replacement Equipment almost at end of useful life and should be considered for	2		•	•	•									
To and the later later	booth, AHU6 Kitchen Make-up.	Out of a line line	25	25	927	• 2	Caution	replacement	2	_	-	-	-	_			Ture along another depends allow for					
reminal AIF Units	2-pipe unit ventilators (48)	original Bldg.	25	23	929	6 2	Caution	replacement	2		۰	٠	•		1		proper humidity control.					
	Fancoils (36)	Original Bldg.	25	23	929	6 2	Caution	Equipment almost at end of useful life and should be considered for real-segment	2		•	•	•				Two pipe system doesn't allow for					
	Cabinet unit heaters (8)	Original Bldg.	25		0.20		Caution	Equipment almost at end of useful life and should be considered for	-			-	-	+			proper numially control.					
Air Handler Hnite	ANU 1 DAO, package DX cooling VAV	2000 Addition	25	25	927	• 2	Caution	replacement Equipment generally is good condition	2	_	•	-	-	_	-		Two pipe curters descrit allow for					
All Handler Onits	AHU2 and 3 are CV serving Aux. Gym and Weight room.	2000 Addition	25	19	769	6	Acceptable	edahurur Perierany a Poor curairon.	3		٠	•	•				proper humidity control.					
Terminal Air Units	Package Air Units, fancoil units, Unit	2000 Addition	20	19	959	6 1	Caution	Equipment at end of useful life and due for replacement	3		•	•	•				Two pipe system doesn't allow for					
	VAV boxes w/ electric reheat (AHU-1)	ADO	15	19	127	% (4)	Alert	Equipment at end of useful life and due for replacement	1			•	•	•	t		proper naminary control.					
Energy Recovery Ventilators	ERV-1 Thorugh 4: Packaged rooftops with DX	2006 Addition	20	13	659	6 7	Acceptable	Equipment generally in good condition	2		٠	•	•									
Terminal Air Units	cooling nad gas heat Blower colls (16)	2006 Addition	20	13	659	6 7	Acceptable	Equipment generally in good condition	3	+		•	•	+	t							
	Cabinet unit heaters (3)	2006 Addition	20	13	659	6 7	Acceptable	Equipment generally in good condition	3			٠	•									
	Radiant ceiling panels (20)	2006 Addition	20	13	659	67	Acceptable	Equipment generally in good condition	3			•	•									
Automated Temperature Controls	Honeywell - pneumatic with DDC overlap	Entire Building	18	23	128	% (5)	Alert	Equipment at end of useful life and due for replacement	1	•	٠	٠	•	•	_	٠	to and of evolutions of the stars 0,000					
kitchen refrigeration units	refrigerator is Bohn Heatcraft (2 fans).	Entire Building	20	23	115	% (3)	Alert	Equipment at end of userul life and due for replacement		•							in need of replacement if using K-22					
Kitchen Make-up unit	AHU-6, see above	Kitchen	25	23	929	6 2	Caution	Equipment almost at end of useful life and should be considered for real-segment	2	•	٠	•	•									
Domestic Plumbing Fixtures	Toilets, urinals and sinks	Entire Building	25	23	929	6 2	Caution	China in good condition, should meet 1994 standards. Can be upgraded to WaterSense standard.	2	•					•	•	ADA Compliance					
	Water fountains	Entire Building	20	23	115	% (3)	Alert	In need of replacement if using R-22	3	•					•	•	ADA Compliance					
	Classroom sinks and faucets	Entire Building	25	23	929	6 2	Caution	Only in specialty classrooms (labs). Typically in good condition, not ADA compliant.	2	•					٠	٠	ADA Compliance					
Domestic Water Heating	Aerco instantaneous, condensing water heater	Entire Building	25	13	529	6 12	Acceptable	Equipment generally in good condition	4	•			Γ	1	1	11						
Electrical Service	Main transformer	Entire Building	30	23	779	6 7	Acceptable	Equipment generally in good condition	2	L				t	L							
Electrical Distribution	Cutler-Hammer panels, 1995. Service is 2,500	Entire Building	30	23	779	6 7	Acceptable	Equipment generally in good condition	3				T									
Emergency power	CAT Engine model 3116	Entire Building	30	23	779	6 7	Acceptable	Equipment generally in good condition	5	+	Н	Η	+	+	•	Η						
Lighting - Interior	Majority of spaces have T8-32W fluorescent fixtures	Classroom, common areas	20	23	115	% (3)	Alert	Equipment at end of useful life and due for replacement. Consider LED technology		•	Π		•	•			Lighting levels either exceed or are below recommended levels in					
	Fluorescent T12-34W lamps	Specialty shop	20	22	145	e 10	Alext	Equipment at end of useful life and due for replacement. Consider LED	-	-	Η	H			┢	H	instructional areas					
		areas	20	25	115	× (5)	Alert	technology	1	-			-	_								
	There are no occupancy sensors in interior	Iviain Gym Entire Building	25	0	0%		Acceptable	Equipment generally in good condition	4	+	Н	Η	+	-	┢	Η						
	areas for lighting control.	choice building																				
Lighting - Exterior	LED Fixtures, parking lot poles	Exterior	25	1	4%	24	Acceptable	Equipment generally in good condition	2	•	Ц	Ц	-	•	L	•	Exterior fixtures have been upgraded to LED per school initiative.					
	LED Fixtures, building exterior, wallpacks	Exterior	25	1	4%	24	Acceptable	Equipment generally in good condition	2	•			-	•	L	٠						
Lighting Controls	Lighting control panels for corridors, common areas and exterior.	Entire Building	25	23	929	6 2	Caution	Installation of occupancy sensors and daylight-responsive controls are code required for new buildings.	2	•					1		Retrofits are available with more cost- effective control options.					
Emergency & Egress Lighting	Emergency lighting throughout bldg.	Entire Building	25	23	929	6	Caution	Equipment almost at end of useful life and should be considered for replacement	2	•	Γ		•	•	•							
	Sprinkler system	Entire Building	20	23	115	% (3)	Alert	Equipment at end of useful life and due for replacement	1				T		٠							
Low-voltage Systems	Phone/ Data/ Intercom/Clock Systems. Not completely VOIP	Entire Building	25	23	929	6 2	Caution	Review system functionality with District. Review wireless coverage with District	2	•					1							
	Fire Alarm System: Simplex	Entire Building	25	23	929	6 2	Caution	Equipment generally in good condition	2	L					٠							
	Security System	Entire Building	25	23	929	6 2	Caution	Review functionality and deficiencies of security system with District	2				Т		٠							
1	Access Control System, fobs and cards.	Entire Building	25	4	169	6 21	Acceptable	Equipment generally in good condition	1				1		•							

Facilities Evaluations



Existing Conditions – MEP

High School







Facilities Evaluations



Existing Conditions – MEP

High School









Existing Conditions – MEP

High School







Summary - Building Improvement Construction Costs

Elementary Schoo	bl	Cost per SF
SITE EVALUATION	\$172,000.00	\$1.54 / SF
EXTERIOR EVALUATION	\$2,134,600.00	\$19.06 / SF
INTERIOR EVALUATION	\$3,432,400.00	\$30.65 / SF
HVAC EVALUATION	\$3,824,300.00	\$34.15 / SF
PLUMBING EVALUATION	\$0.00	\$0.00 / SF
ELECTRICAL EVALUATION	\$254,200.00	\$2.27 / SF
SUB-TOTAL*	\$9,817,500.00	\$87.66 / SF
CODE EVALUATION	\$517,800.00	\$4.62 / SF
SAFETY & SECURITY EVALUATION	\$220,000.00	\$1.96 / SF
MISCELLANEOUS UPGRADES	\$450,000.00	\$4.02 / SF
BUILDING TOTAL*	\$11,005,300.00	\$98.26 / SF
CODE EVALUATION - Fire Supression System Upgrade **	\$360,000.00	\$3.21 / SF
	Construction Cost	Total Project Cost
RANK 1 Sub-Total Cost (High Priority)	\$6,255,500.00	\$7,819,400.00
RANK 2 Sub-Total Cost (Medium Priority)	\$1,344,800.00	\$1,681,000.00
RANK 3 Sub-Total Cost (Low Priority)	\$2,037,300.00	\$2,546,600.00
RANK 4 Sub-Total Cost (Optional / Consideration)	\$1,367,700.00	\$1,709,600.00
RANK - TOTAL COST *	\$11,005,300.00	\$13,756,600.00
Fire Supression System Upgrade (**TBD if needed for projects)	\$360,000.00	\$450,000.00



Summary - Building Improvement Construction Costs

Middle School						
		Cost per SF				
SITE EVALUATION	\$218,800.00	\$1.44 / SF				
EXTERIOR EVALUATION	\$1,663,700.00	\$10.95 / SF				
INTERIOR EVALUATION	\$343,800.00	\$2.26 / SF				
HVAC EVALUATION	\$3,643,400.00	\$23.97 / SF				
PLUMBING EVALUATION	\$0.00	\$0.00 / SF				
ELECTRICAL EVALUATION	\$332,400.00	\$2.19 / SF				
SUB-TOTAL*	\$6,202,100.00	\$40.80 / SF				
CODE EVALUATION	\$327,000.00	\$2.15 / SF				
SAFETY & SECURITY EVALUATION	\$0.00	\$0.00 / SF				
MISCELLANEOUS UPGRADES	\$324,000.00	\$2.13 / SF				
BUILDING TOTAL*	\$6,853,100.00	\$45.09 / SF				
CODE EVALUATION - Fire Supression System Upgrade **	\$230,000.00	\$1.51 / SF				
	Construction Cost	Total Project Cost				
RANK 1 Sub-Total Cost (High Priority)	\$4,360,000.00	\$5,450,000.00				
RANK 2 Sub-Total Cost (Medium Priority)	\$1,856,500.00	\$2,320,600.00				
RANK 3 Sub-Total Cost (Low Priority)	\$0.00	\$0.00				
RANK 4 Sub-Total Cost (Optional / Consideration)	\$636,600.00	\$795,800.00				
RANK - TOTAL COST *	\$6,853,100.00	\$8,566,400.00				
Fire Supression System Upgrade (**TBD if needed for projects)	\$230,000.00	\$287,500.00				



Schuylkill Valley School District

Summary - Building Improvement Construction Costs

High School	Cost per SF	
SITE EVALUATION	\$1,694,000.00	\$9.31 / SF
EXTERIOR EVALUATION	\$2,836,000.00	\$15.58 / SF
INTERIOR EVALUATION	\$439,500.00	\$2.41 / SF
HVAC EVALUATION	\$5,049,800.00	\$27.75 / SF
PLUMBING EVALUATION	\$0.00	\$0.00 / SF
ELECTRICAL EVALUATION	\$371,500.00	\$2.04 / SF
SUB-TOTAL*	\$10,390,800.00	\$57.09 / SF
CODE EVALUATION	\$704,000.00	\$3.87 / SF
SAFETY & SECURITY EVALUATION	\$0.00	\$0.00 / SF
MISCELLANEOUS UPGRADES	\$450,000.00	\$2.47 / SF
BUILDING TOTAL*	\$11,544,800.00	\$63.43 / SF
CODE EVALUATION - Fire Supression System Upgrade **	\$610,000.00	\$3.35 / SF
CAMPUS SITE EVALUATION - Campus & Athletic Fields	\$2,451,600.00	\$13.47 / SF
	Construction Cost	Total Project Cost
RANK 1 Sub-Total Cost (High Priority)	\$6,145,800.00	\$7,682,300.00
RANK 2 Sub-Total Cost (Medium Priority)	\$3,077,000.00	\$3,846,300.00
RANK 3 Sub-Total Cost (Low Priority)	\$98,500.00	\$123,100.00
RANK 4 Sub-Total Cost (Optional / Consideration)	\$2,223,500.00	\$2,779,400.00
RANK - TOTAL COST *	\$11,544,800.00	\$14,431,100.00
Fire Supression System Upgrade (**TBD if needed for projects)	\$610,000.00	\$762,500.00
Campus Site Evaluation - Campus & Athletic Fields	\$2,451,600.00	\$3,064,500.00



Schuylkill Valley Elementary School

Existing Conditions

EDUCATIONAL PROGRAM IMPROVEMENTS:

- (2) Additional Graded Classrooms per Grade K-4
- Additional Support Classrooms
- (5) Additional Divided Support Classrooms (1 per Grade)
- Additional S.E. Seminar Room / S.G.I.
- Additional Art Classroom
- Add Auxiliary Gymnasium
- Enlarged Student Dining
- Enlarged Kitchen Area
- Enlarged Administration Office
- Additional Faculty Room / I.P.C.
- Additional Faculty Dining / Work Room















Schuylkill Valley Middle School

Existing Conditions

EDUCATIONAL PROGRAM IMPROVEMENTS:

- (2) Additional Graded Classrooms per Grade 5-8
- Additional Support Classroom
- (4) Additional Divided Support Classrooms (1 per Grade)
- Additional S.E. Seminar Room / S.G.I.
- Enlarged Administration Office















Schuylkill Valley High School / DAO

Existing Conditions

EDUCATIONAL PROGRAM IMPROVEMENTS:

- Additional Support Classrooms
- Additional Divided Support Classrooms
- Additional Conference /Seminar / S.G.I.
- Additional S.E. / Gifted Classroom
- Student Commons / L.G.I.
- Enlarged Kitchen Area















Option Profiles Considered





Options



Maintain 9-12 Schuylkill Valley High School 9-12 **Recommended Alterations & Additions as required**

OPTION PROS & CONS

Pros

- Provides educational program upgrades for each grade structure.
- Capacity adequate for the projected student population.
- Less construction at M.S. and H.S. (most work consolidated at E.S.).
- Needed E.S. total renovations and the addition are combined as one project. ٠
- Less expensive option.
- Maintains 3 schools on site.
- Less operational expenses.
- Provides views and daylight for the new administration suite and security improvement at main entry at E.S.
- Provides additional L.G.I. / Board Room at H.S. / D.A.O.

Cons

- Construction phasing and disruption of occupied H.S.
- Relocation of existing spaces in order to expand needed spaces at H.S.
- Driveway reconfiguration at M.S.

Development of Options



Design for 1000-1125 **Students**



3 SCHOOLS: K-4 E.S., 5-8 M.S. & 9-12 H.S.

Maintain K-4 Schuylkill Valley Elementary School **Recommended Alterations & Additions as required**





Options

Development of Options









Design for 800-900 Students



3 SCHOOLS: K-4 E.S., 5-8 M.S. & 9-12 H.S.

Maintain 5-8 Schuylkill Valley Middle School Recommended Alterations & Additions as required





of Options

Development

OPTION High School LGI/BOARD RM RELOCATED DIST. STORAGE CLSRM METS-T μ. SIR.S



, BLO.

Design for 800-900 **Students**



3 SCHOOLS: K-4 E.S., 5-8 M.S. & 9-12 H.S.







Development of Options

OPT 2	4 SCHOOLS: K-3 E.S., 4-5 I.S., 6-8 M.S. & 9-12 H.S.
К-3	E.S. building grade re-alignment to K-3 Elementary School Recommended Alterations & Additions as required
4-5	Construct New 4-5 Intermediate School Building (Relocate 4th grade from E.S. & 5th grade from M.S.)
6-8	M.S. building grade re-alignment to 6-8 Middle School Recommended Alterations as required
9-12	Maintain 9-12 Schuylkill Valley High School Recommended Alterations & Additions as required

OPTION PROS & CONS

Pros

- Provides educational program upgrades for each grade structure.
- Capacity adequate for the projected student population.
- Less addition / construction at existing schools.
- Provides views, daylight, and security for the new administration suite at E.S.
- Provides additional L.G.I. / Board Room at H.S. / D.A.O.
- Simplify busing at E.S. and new I.S.
- Least disruption during construction.

Cons

- Four buildings on site. High operational expenses.
- Expensive option.



Options

Development of Options







Students





OPT 2

4 SCHOOLS: K-3 E.S., 4-5 I.S., 6-8 M.S. & 9-12 H.S.

E.S. building grade re-alignment to K-3 Elementary School Recommended Alterations & Additions as required

FIRST FLOOR





Development of Options

OPTION **2** New Intermediate School



Design for 400-450 Students



4 SCHOOLS: K-3 E.S., 4-5 I.S., 6-8 M.S. & 9-12 H.S.

Construct New 4-5 Intermediate School Building (Relocate 4th grade from E.S. & 5th grade from M.S.)





Options

Development of Options

OPTION 2 Middle School







Design for 600-675 Students



4 SCHOOLS: K-3 E.S., 4-5 I.S., 6-8 M.S. & 9-12 H.S.

M.S. building grade re-alignment to 6-8 Middle School Recommended Alterations as required





Options

Development of Options

of





Big.

Design for 800-900 Students



OPTION **Z** High School

4 SCHOOLS: K-3 E.S., 4-5 I.S., 6-8 M.S. & 9-12 H.S. Maintain 9-12 Schuylkill Valley High School







OPT 3	3 SCHOOLS: K-3 E.S., 4-6 M.S. & 7-12 H.S.
К-3	E.S. building grade re-alignment to K-3 Elementary School Recommended Alterations & Additions as required
4-6	M.S. building grade re-alignment to 4-6 Middle School Recommended Alterations as required
7-12	H.S. building grade re-alignment to 7-8, 9-12 Jr./Sr. High School Recommended Alterations & Additions as required

OPTION PROS & CONS

Pros

- Provides educational program upgrades for each grade structure.
- Capacity adequate for the projected student population.
- Less construction at E.S. and M.S. (most work consolidated at H.S.).
- Needed H.S. infrastructure renovations and the addition are combined as one project.
- Less expensive option.
- Provides views and daylight for the new administration suite and security improvement at main entry at E.S.

Development of Options

• Provides additional L.G.I. / Board Room at H.S. / D.A.O.

Cons

- Construction phasing and disruption of occupied H.S.
- Relocation of existing spaces in order to expand needed spaces at H.S.



Options

Development of Options





Design for 800-900 Students



3 SCHOOLS: K-3 E.S., 4-6 M.S. & 7-12 H.S.

E.S. building grade re-alignment to K-3 Elementary School Recommended Alterations & Additions as required





Options









Design for 600-675 Students



3 SCHOOLS: K-3 E.S., 4-6 M.S. & 7-12 H.S.

M.S. building grade re-alignment to 4-6 Middle School Recommended Alterations as required



Development of Options



3 SCHOOLS: K-3 E.S., 4-6 M.S. & 7-12 H.S.

Design for 1200-1350 Students



H.S. building grade re-alignment to 7-8, 9-12 Jr./Sr. High School Recommended Alterations & Additions as required





Option Comparison

OPTION 2

OPTION 1



- Maintain K-4 Schuylkill Valley **Elementary School**
- Recommended Alterations & Additions as required



- Maintain 5-8 Schuylkill Valley Middle School
- Recommended Alterations & Additions as required



- Maintain 9-12 Schuylkill Valley **High School**
- Recommended Alterations & Additions as required







- to 6-8 Middle School
- Recommended Alterations as required



- Maintain 9-12 Schuylkill Valley High School
- Recommended Alterations & Additions as required

Total Construction Cost \$57,839,800

Total Project Cost \$72,300,000





- E.S. building grade re-alignment to K-3 Elementary School
- Recommended Alterations & Additions as required



- M.S. building grade re-alignment to 4-6 Middle School
- Recommended Alterations as required



H.S. building grade re-alignment to 7-8, 9-12 Jr./Sr. High School



Recommended Alterations &



Additions as required













Construct New 4-5 Intermediate School Building

E.S. building grade re-alignment

to K-3 Elementary School

Additions as required

Recommended Alterations &

- Relocate 4th grade from E.S. & 5th grade from M.S.)
- M.S. building grade re-alignment





Option Comparison

(OPTION 1		OPTION 2				OPTIONS 3		
	EST. CONST. COST	EST. TOTAL PROJ. COST		EST. CONST. COST	EST. TOTAL PROJ. COST			EST. CONST. COST	EST. TOTAL PROJ. COST
K-4	\$19.6M	\$24.5M	K-3	\$13.4M	\$16.7M		K-3	\$13.4M	\$16.7M
5-8	\$12M	\$15M	4-5	\$18M	\$22.5M		4-6	\$6.9M	\$8.6M
9-12	\$15.9M	\$19.8M	5-8	\$6.9M	\$8.6M		7-12	\$28.8M	\$36M
SITE	\$2.5M	\$3.1M	9-12	\$15.9M	\$19.8M		SITE	\$2.5M	\$3.1M
SUB- TOTAL	\$49.9M	\$62.4M	SITE	\$2.5M	\$3.1M	ł	SUB TOTAL	\$51.5M	\$64.4M
СМС	\$1.3M	\$1.6M	SUB TOTAL	\$56.6M	\$70.7M		СМС	\$1.3M	\$1.6M
TOTAL	\$51.2M	\$64M	СМС	\$1.3M	\$1.6M		TOTAL	\$52.8M	\$66M
			TOTAL	\$57.8M	\$72.3M				

*Total Project Cost Includes construction cost of building and site / plus financing fees, contingency fund, moveable furniture, commissioning fees, construction testing / inspections, fees for Topographic / Geotechnical surveys, A/E fees, permit fees detailed estimates, and utility fees, etc.



Option Comparison

RECOMMENDED OPTION					
PHASE 1		Fotal Construction Cost	Total Project Cost		
ES Additi Totally renovat enrollment gro	ons / Renovations e E.S. and add to accommodate wth	\$19.6M	\$24.5M		
High Sche Selective infras condition urger	bol structure replacement due to ncy (HVAC / Roofs)	\$4.4M	\$5.5M		
	Phase 1 Total:	\$24M	\$30M		

PHASE 2

- □ After ES project is completed, evaluate enrollment growth for MS and HS at that time to determine the need for additions
- □ Wait until next reimbursable periods for MS and HS renovations
 - PDE allows reimbursement only one every 20 years
 - MS and HS received last reimbursements almost 13-14 years ago State reimbursements might be available in next 6-7 years from now
 - Wait for moratorium to lift to receive reimbursements
- Balance of work of higher rank at MS and HS to scheduled in a 5-10 year long range plan



Proposed Schedule

May 2020 School Board Authorizes Project Beginning

May / June 2020 Architect / Engineers Begin Production & Permits

September / October 2021 Bidding of Project

July / August 2023

Complete Construction / Move-In (18-20 months maximum)

*Note: All governmental agency approvals must be in place before bid contract award; therefore, the target schedule is subject to length of agency review process.



Process / Contents of the Study

Demographic Review

(Student Enrollment, Population, Housing)

Facilities Study

(Building Improvements & Construction Cost)

Educational Program Review

(Requirements / Needs)

- Solutions (Construction Options)
- Cost of Options
- Schedule

Note: Study per PDE Requirements



Schuylkill Valley School District

District-Wide Feasibility Study 7 March 2020



