CR 5.B.1&2

Crabtree, Rohrbaugh & Associates **STATE COLLEGE AREA SCHOOL DISTRICT** Mount Nittany ES & District-Wide Facility Master Plan Update SCHOOL BOARD MEETING October 2, 2023

AGENDA

- Mount Nittany Elementary School
 - Current Schedule
 - Current Steps
 - Existing Conditions, Survey & Geotechnical Investigation
 - Schematic Floor Plan Development
 - Upcoming Tasks
 - SCASD Engagement
- Cost Increase Discussion
- District-Wide Facility Master Plan
 - Current Schedule
 - Current Steps
 - Community & SCASD Faculty, Administration & Board of School Directors Engagement



CURRENT SCHEDULE





STATE C	OLLE	GE A	REA	SCHO			T												CR
PROPOSED D								ddition a	nd Limited	d Renova	ations			Crabtree	, Rohrbaugh	& Associat	es Archited	cts	4-Dec-23
			2023				10	10 M			2		2025						
We are the future!	AUG	SEP	ОСТ	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	JAN	FEB
DWFMP (Phase One)																			
SCASD Authorization- MNES Addition		<u> (.</u>																	
Confirm Program																			
School Board Work Sessions & Review																			
Scope Confirmed																			
Building Design																			
Schematic Design																			
Design Development																			
Construction Documents												0							
30% Document Review					Review														
60% Document Review									Review										
90% Document Review												Review			Review				
Faculty Interviews						Preliminary	Meetings		Final Review	s & Sign-Off									
Code Analysis						Prelin	ninary				Update			Final Subm	ission				
Bidding																			
PlanCON* Follow-Process					Fart A&B				Part D&E				Part F		Part G				
Act 34 Hearing Timeline										Act 34									
Surveys, Building, Site & Geotechnical																			
Land Development					Design & P	Preparation	Prelim LD S	ubmission			Final LD Su	bmission							
Zoning & Traffic Signal Permitting				Prelimina	ary Zoning														
NPDES Conservation District									Design & Pre	paration	NPDES Sub	mission							
Community Meetings																			
Construction (Spring 2026 Completion)																18 mon	ths 📥		
LEED Construction Certification														Design Su	bmission			Final Sub	Sum '26

Current Schedule

CURRENT STEPS

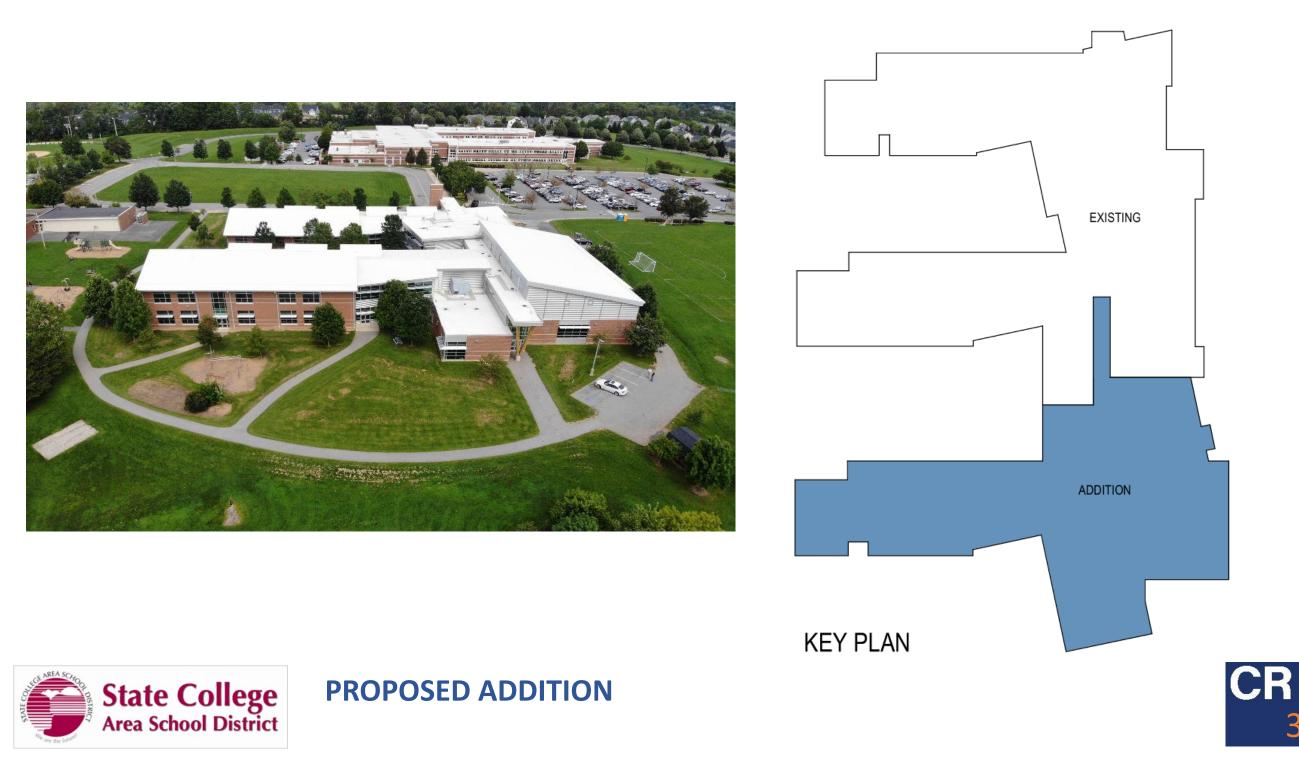




FIRST STEPS (COMPLETE)

- Existing Conditions
 - Educational Program Confirmation
 - Inputting of As-Built Conditions- School Building
 - Site Survey- Scheduled for October
 - Geotechnical Subsurface Borings
 - Onsite Bores Completed Sept. 27/28 & Report In Process
- Educational Specifications for Addition
- Proposed Floor Plan







PLANS PURPOSELY OMITTED FOR SECURITY PURPOSES, WILL BE DISCUSSED AT IN PERSON MEETING





PROPOSED ADDITION

PLANS PURPOSELY OMITTED FOR SECURITY **PURPOSES, WILL BE DISCUSSED AT IN PERSON MEETING**





PLANS PURPOSELY OMITTED FOR SECURITY PURPOSES, WILL BE DISCUSSED AT IN PERSON MEETING



PROPOSED ADDITION

Past 2 Months

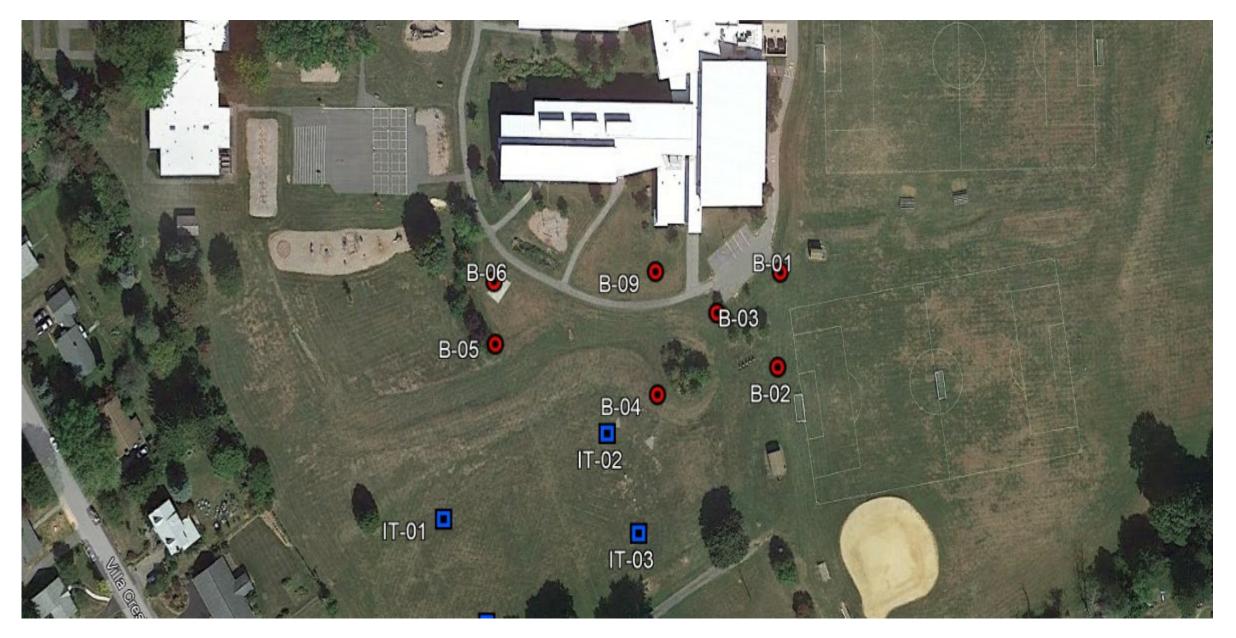
STAKEHOLDER ENGAGMENT

- **ADMINSTRATION**
- STAFF
- **PTO**

DESIGN EVOLUTION

- REFINEMENT OF CAFETERIA, KITCHEN & RECEIVING
- STEM CLASSROOM
- AUTISTIC/ MULTIPLE
 DISABILITIES & SENSORY
 ROOM REFINEMENT &
 SUPPORT PROGRAM
- OPEN COLLABORATIVE
 INSTRUCTION & LOBBY
 DEVELOPMENT
- LOCKDOWN & SECURITY
 INTEGRATION
- TECHNOLOGY
- PDE DESIGNATIONS
- SITE DEVELOPMENT







GEOTECHNICAL BORE LOCATION SCHEDULE SEPT. 27TH & 28TH COMPLETE, NO ANTICIPATED SUBSURFACE CONCERNS DISCUSS SINKHOLE BETWEEN EXISTING CLASSROOM WINGS



PLANS PURPOSELY **OMITTED FOR** SECURITY **PURPOSES, WILL BE DISCUSSED AT IN PERSON MEETING**



POTENTIAL SITE DEVELOPMENT- Parent &/or bus-drop-off loop, primary entrances, field reorganization & service access



NEXT STEPS & SCASD ENGAGEMENT





NEXT STEPS

- Confirmation of Schematic Floor Plan (COMPLETE)
- Detailed Survey of Existing School to confirm tie in of new addition (COMPLETE)
- Budget Development
- Site Evaluation
 - Beyond Survey & Geotechnical (COMPLETE)
 - It is being evaluated if the addition and a potential new vehicle loop could improve circulation both for the increase in the school size, campus wide and playfields.
- Engineering team evaluation of mechanical, plumbing, electrical & structural systems for the addition
- Sustainability 12 years later- Integrating LEED v4/v4.1 into previously LEED v2 Certified projeect

SCASD ENGAGEMENT

• With approval of schematic building design & budget by SCASD Board of School Directors & Administration, we will expand into building staff involvement as we develop interior design of the school for individual program spaces. (ON GOING)



DISTRICT WIDE FACILITY MASTER PLAN

PRELIMINARY SCHEDULE





10 127 × 40																															
STATE CO	LLEG	SE A	\RE /	A SC	HO	OL I	DIST	FRIC	T																					C	R
PROPOSED DESI	GN SC	N SCHEDULE- District Wide Facility Master Plan & Park Forest Middle School (Phase 1 &													1&	2)				C	rabtree	abtree, Rohrbaugh & Associates Architects						4-D	ec-23		
RICC		2023 2024													T					2	025	11					2	026			
	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAF	API	R MA	IUL Y	JUL	AUG	SEP	ОСТ	NOV	DEC	JAN	FEB	MA	R APP	R MAY	Y JUN	JULY	AUG	SEP	OCT	NON	J DEC	JAN	FEB
We are the future'																															
DWFMP (Phase One)					1																										
SCASD Authorization DWFMP/PFMS Study																															
PlanCON Part A Facility Study Update																															
Demographic Analysis																															
Educational Program (K-12)																															
Enrollment Analysis Incorporation																															
Building Analysis																															
Current Building Utilization																														6	
Capacity Analysis																														(
Condition Assessment																															
Energy Portfolio Surveys																															
Greenhouse Gas Evaluations																															
Cost to Upgrade Existing Facilities																														(
Incorporation of SCASD 5-10 year plan																															
District-wide Sustainability Evaluation																															
Playground & Athletic Facility Analysis																															
Park Forest MS- (Phase Two)				ļ	1		M																								
Educational Specification Development																															
Site Evaluation																															
Option Development & Schematic Design								4						1																	
Community Engagement				,	1																										
Faculty Interviews																															
School Board Meetings & Review				/ /																											
PFMS Option Selection by SCASD Board																															
PFMS Design				,	1									1	-2	1															
Act 34 Hearing Timeline																				08-00-											
Bidding																															
Project Award																															
Construction- (May 2028 Completion)																													28 M	Ionths	

Current Schedule

DISTRICT WIDE FACILITY MASTER PLAN

CURRENT STEPS COMMUNITY & SCASD ENGAGEMENT





CURRENT STEPS

DISTRICT WIDE FACILITY MASTER PLAN

- Site Surveys of existing facilities have begun over the last 2 months
 - This has included both architectural and MEP (mechanical, electrical and plumbing) teams.
- Team has begun investigating test fits for new construction and addition/renovation projects at all Park Forest property locations.
 - These will be reviewed with CAC for facilities in January
 - The Borad will receive CAC findings on February 5th.
 - March 11th & 25th SCASD School Board input and response to information presented during February will be incorporated into the option development.
 - Site Survey (Tentatively Scheduled for December- Once site fully defoliates, has been delayed by defoliation this year.)
 - Evaluation of current educational program & development of future program (This is to be done before evaluation of design models) ON GOING
 - Evaluation of existing facility.
 - Steering Committee is also in development with SCASD at this time and is anticipated to be engaged beginning of 2024 for option development.







QUESTIONS

