



School Building Authority
OF WEST VIRGINIA

Planning for the 2020 CEFPs

Comprehensive Educational Facilities Planning

Tuesday-Wednesday, April 16-17, 2019

sba.wv.gov

Comprehensive Educational Facilities Planning

Why are we doing this?

- ❖ Need described Statutorily
- ❖ Cornerstone of WVDE & SBA Policy
- ❖ Eligible for SBA Funds
- ❖ 2010 Plan Expires

Comprehensive Educational Facilities Planning

What is the purpose?

- ❖ Long-range Planning *before* Individual Projects
- ❖ Relating to the Delivery of Education...
 - ❖ Identify current & future facility needs
 - ❖ Predict life-cycle costs of systems & equipment

Comprehensive Educational Facilities Planning

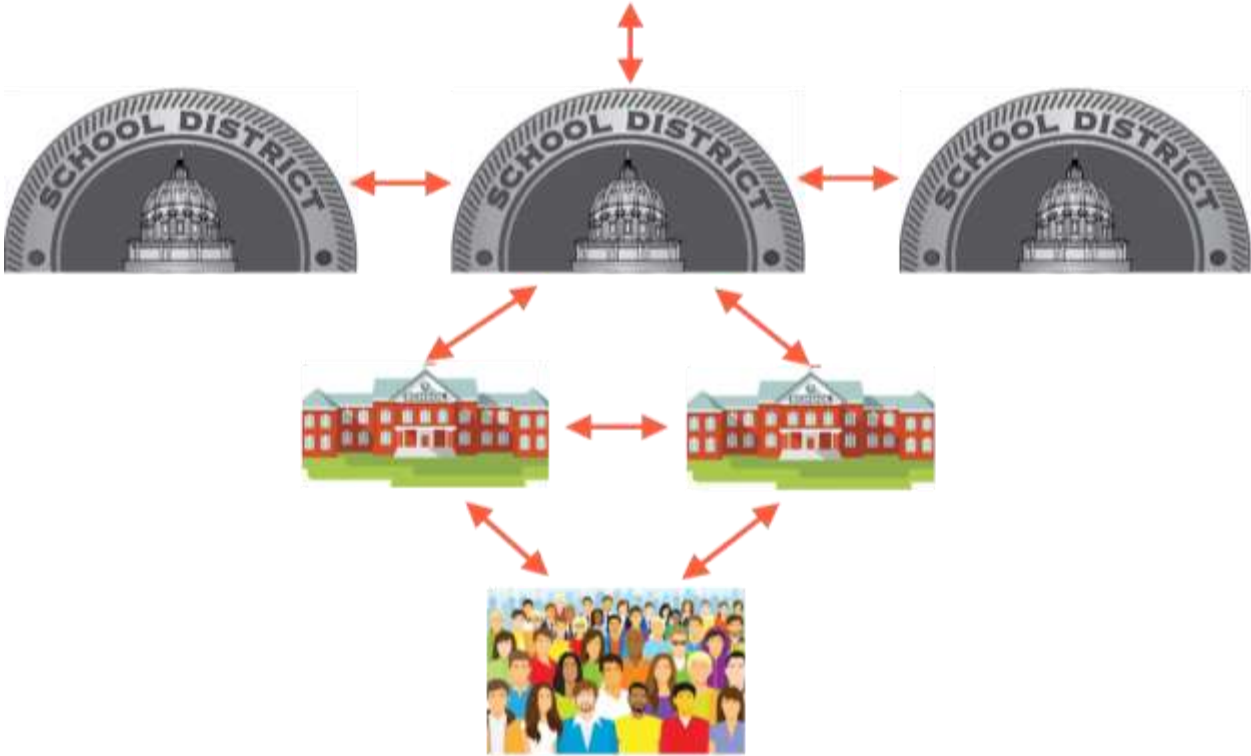
What will this do?

- ❖ Becomes a “To-Do List” for facilities
- ❖ Allows for an Ongoing Implementation & Review
- ❖ Accommodate Educational Innovations
- ❖ Build Community Support

New for 2020!

- ❖ Tech-based platform – readily available data

CEFP Engagement Platform



Collaboration

WVDE Policy 6200 – Chapter 1

- A. Goals & Objectives
- B. Community Analysis
- C. Population & Enrollment Study
- D. The Educational Plan
- E. Evaluation & Inventory of Existing Facilities
- F. Major Improvement Plan
- G. Inter-County Feasibility Study
- H. Translating Educational Needs into Facility Needs
- I. Finance Plan & Project Priority List
- J. Synopsis of Comments from Public Hearing(s)
- K. Objective Evaluation of the Plan's Implementation

Phase 1

Phase 2

Phase 3

Phase 4

The Old Process 1990-2019



The New Process – A Cycle of Success

❖ Phase 1: **ASSESS**

- ❖ Create a Detailed Assessment for all parts of your building, equipment – Create ideal Education Plan

❖ Phase 2: **PRIORITIZE**

- ❖ Translate Educational Needs into Facility Needs

❖ Phase 3: **PLAN**

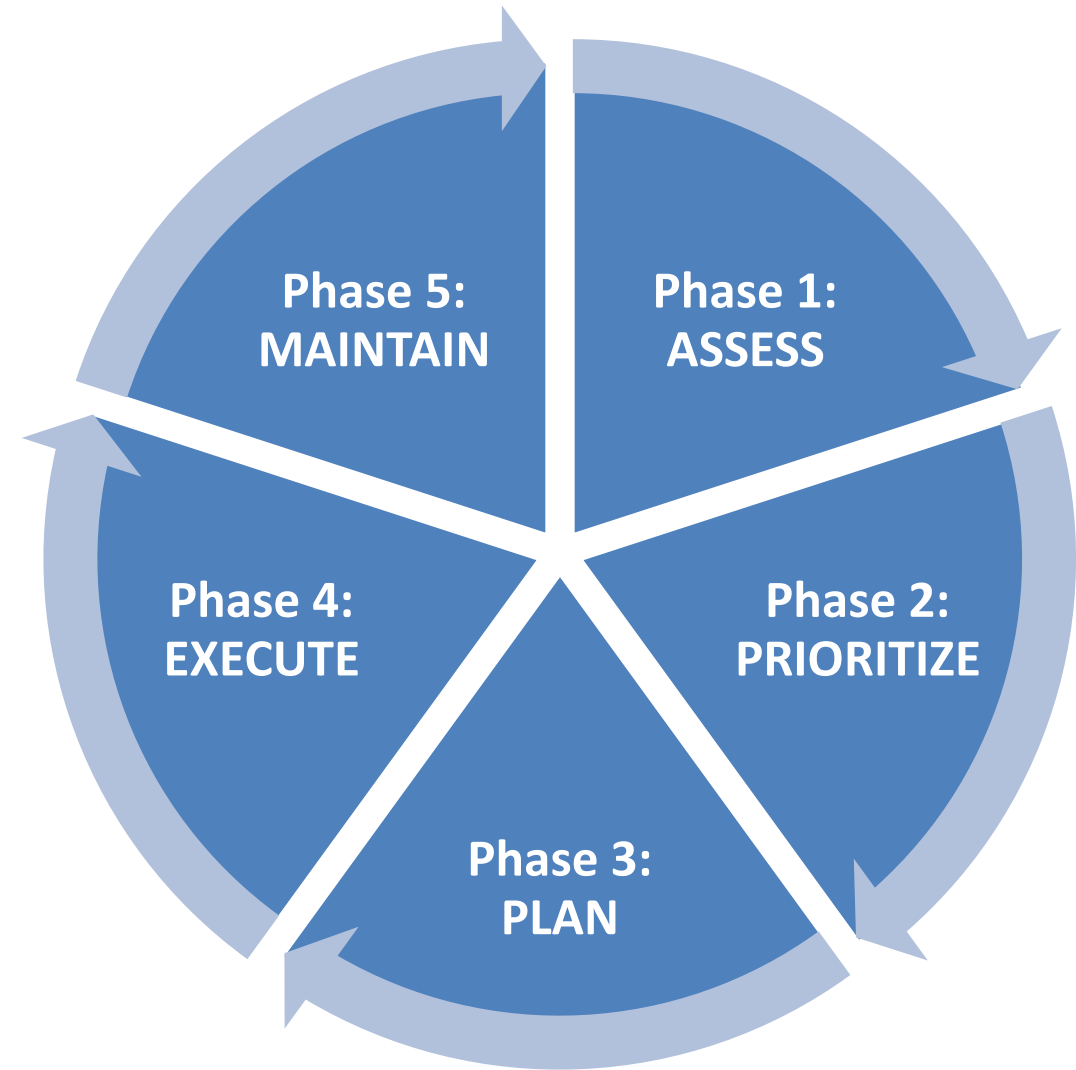
- ❖ Create a plan of action for all items on the list

❖ Phase 4: **EXECUTE**

- ❖ Put the plan in motion – complete projects

❖ Phase 5: **MAINTAIN**

- ❖ Keep your system up to date so you never start at zero again



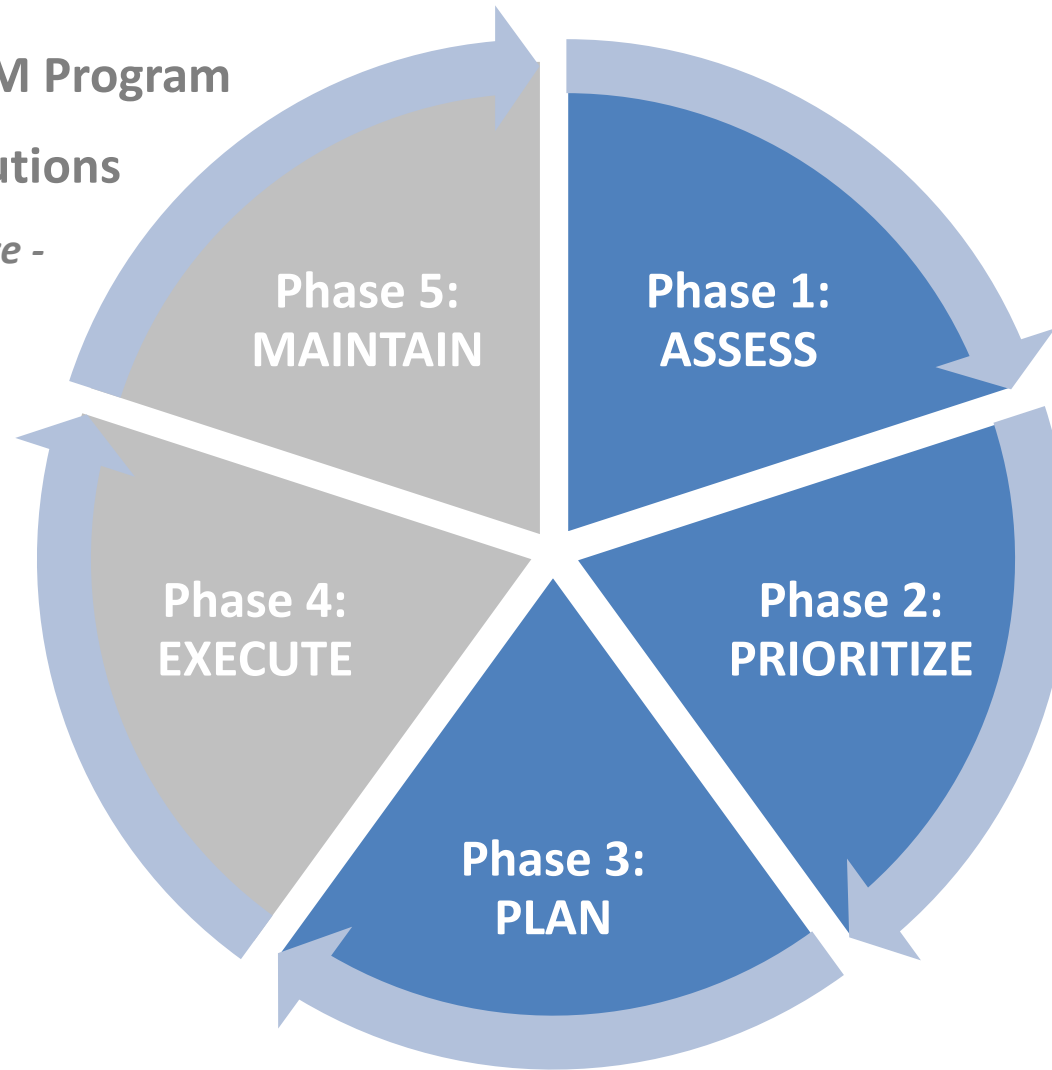
And... Repeat!

The New Process – A Cycle of Success

SBA-Funded PM Program

Dude Solutions

- In Place -



This is the CEFP

Statewide Contractors

- ❖ Program Oversight – QA/QC
 - ❖ Mobilization
 - ❖ A/E Firm Training
- ❖ Information Gathering Instruments
- ❖ Justification Capabilities
- ❖ Predictive Analysis
- ❖ Database to House Information - CEFPs



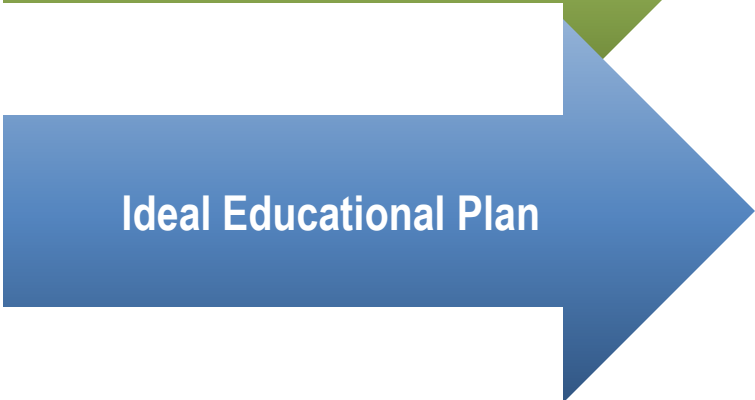
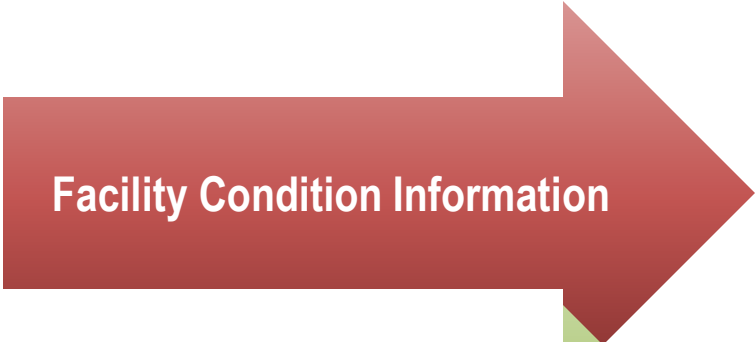
DUDE SOLUTIONS[®]
SchoolDude | FacilityDude | TheWorxHub

Statewide Contractors

- ❖ Facility Condition Assessment
 - ❖ Program Oversight
 - ❖ QA / QC
 - ❖ A/E Firm Training
 - ❖ Standardization & Quality
- ❖ Reports directly into Dude Solutions Platform



Gather Data



Make Decisions



Execute Plan



Phase 1

Phase 2

Phase 3

A/E FIRM

Evaluation and Inventory of Existing Facilities

Resource / Consulting

Project Cost Estimating

STATEWIDE CONTRACTORS

Standardization & Quality
Community Analysis
Enrollment Projections
Information Database

“Dude Solutions 360”
Prediction Software
“Capital Forecast Direct”

Justification Capabilities
“Dude Intelligence”

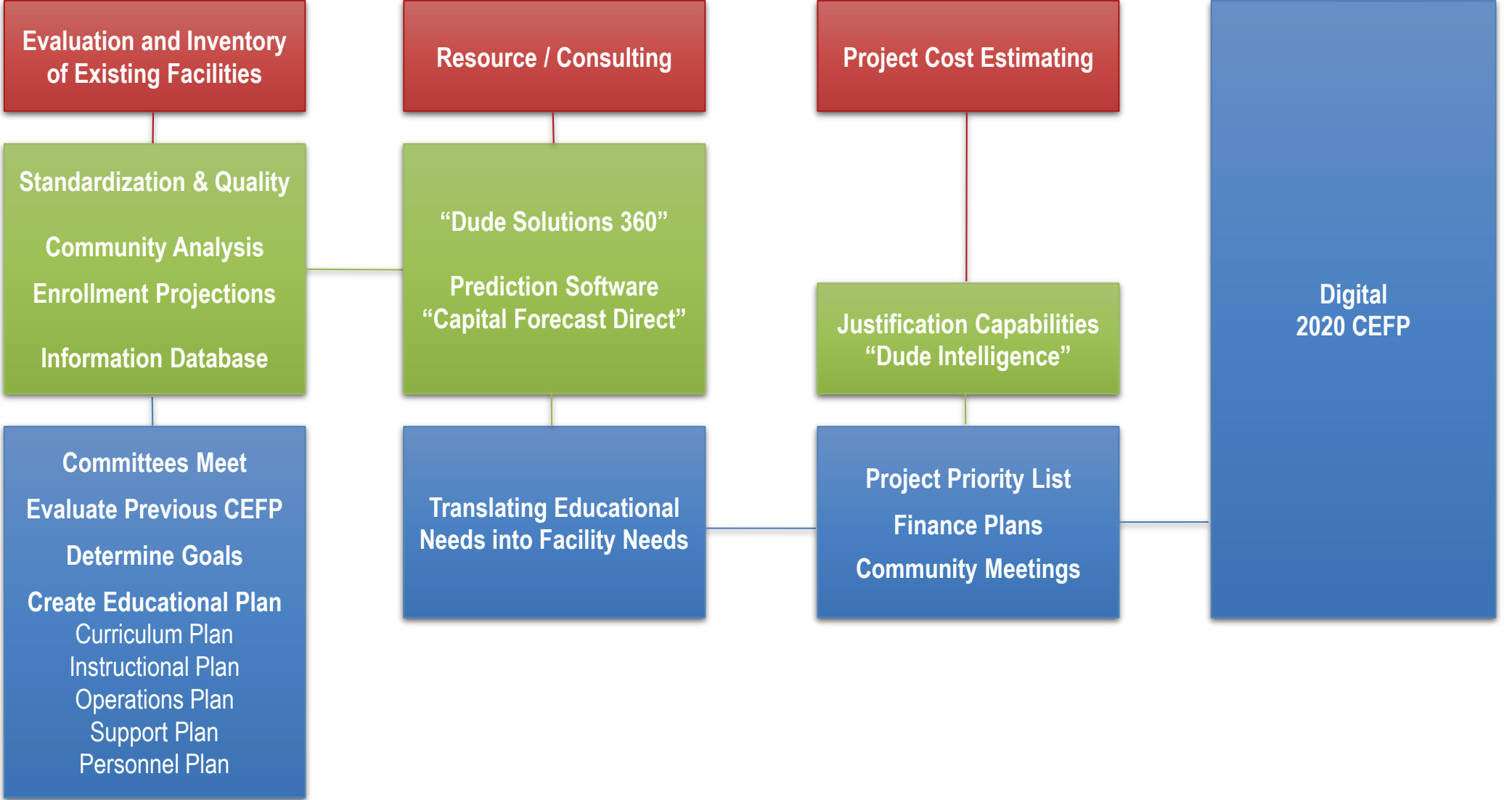
LOCAL EDUCATION AGENCY

Committees Meet
Evaluate Previous CEFP
Determine Goals
Create Educational Plan
Curriculum Plan
Instructional Plan
Operations Plan
Support Plan
Personnel Plan

Translating Educational Needs into Facility Needs

Project Priority List
Finance Plans
Community Meetings

Digital 2020 CEFP



Phase 1



WVDE Policy 6200 – Chapter 1

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Phase 1



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Dude Solutions 360

Pre-Configured WVDE & SBA Templates

LEA Responsibilities – Phase 1

- ❑ Create CEFP Committees
- ❑ Evaluate Previous CEFP
- ❑ Create 2020 CEFP **Goals & Objectives**
- ❑ Create **Education Plan**
 - ❑ System Plan
 - ❑ Curriculum Plan
 - ❑ Instructional Plan
 - ❑ Operations Plan
 - ❑ Support Plan
 - ❑ Personnel Plan
- ❑ Coordinate A/E Facility Condition Assessments (FCA)

Create CEFP Committees

- ❖ Establish Committees, Sub-Committees, Leaders
- ❖ Name a Point of Contact to State & Consultants
- ❖ Facilitate Meaningful Discussions
- ❖ Create an Open Dialogue
- ❖ Build a Consensus between Community, Educators, & the Board
- ❖ Evaluate Previous CEFP and be honest
- ❖ Dream BIG!

The Education Plan

- ❖ Review Goals & Objectives
- ❖ Think Ideally about all phases of Educational Delivery
- ❖ How to boost student achievement, teacher success? - Architecturally
 - ❖ Not about which school to renovate, close
 - ❖ Decisions on the future of facilities in “Translating” Section
- ❖ Applicable Ideas from Educational Forums?
- ❖ Explore “what you DON’T know”

Phase 1



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Your A/E Firm



Dude Solutions 360

Facility Condition Assessments

- ❖ Completed by your A/E Firm
- ❖ Statewide Contractors give Access to Data Collection Tools
- ❖ Gives an Idea of what needs to happen for your facility to meet:
 - ❖ Current Building Codes & Standards
 - ❖ Current WVDE Policy 6200 Standards
- ❖ Establishes Key Indexes – Statewide Consistency
- ❖ Feeds directly into **Dude Solutions 360** Database

School Building Authority of West Virginia
SBA Form 134 Data Collection Form
Campus Information Sheet

School Photo



Insert Photo Here

7 Full AE Firm Name		Original Construction Yr.	
8 County Name		Assessment Date	
9 Campus Name		Current Enrollment	
10 Campus Type			
11 School Code			

Pavements

System	Material	Year Installed if different from Building	Condition	SF	Notes	Message
17 Pedestrian Pavements						
18 Site Pavements - Parking						

Permanent Buildings

Record	Building Name	Predominant Building Type	Include building in Assessment	Year Built	Located in Floodplain or Floodway?	GSF	Basement (Y/N)	# Floors (incl. Bsmt)	Message	Evaluation Status
23 1										
24 2										
25 3										
26 4										
27 5										
28 6										
29 7										
30 8										
31 9										
32 10										
33 Total GSF:										

Portable Buildings

Record	Building Name	Year Installed	GSF	Message
38 1				
39 2				
40 3				
41 4				
42 5				
43 6				

School Building Authority of West Virginia
 SBA Form 134 Data Collection Form
 Building Information Sheet

6	Building	Year Built		
7	Gross Square Feet	Basement (Y/N)	# Floors (incl. Bsmt)	

10	System	Material	Count	Year Installed if different from Building	Condition	Notes	No Systems have been evaluated yet	Messages
11	Conveying Systems							
12	Electrical - Branch Wiring							
13	Electrical - Lighting							
14	Electrical - Emergency Lighting and Exit Signs							
15	Electrical - Service and Distribution							
16	Equipment & Furnishings - Institutional Equipment							
17	Exterior Enclosure - Exterior Doors							
18	Exterior Enclosure - Exterior Wall Finishes							
19	Exterior Enclosure - Exterior Windows							
20	Fire Protection - Fire Alarm & Detection							
21	Fire Protection - Sprinklers and Standpipes							
22	HVAC - Terminal & Package Units							
23	HVAC - Distribution System							
24	HVAC - Heat Generating Systems							
25	HVAC - Cooling Generating Systems							
26	HVAC - Controls and Instrumentation							
27	Interior Construction - Interior Doors							
28	Interior Construction - Specialties and Casework							
29	Interior Finishes - Ceiling Finishes							
30	Interior Finishes - Floor Finishes							
31	Interior Finishes - Gymnasium Floor Finishes							
32	Interior Finishes - Wall Finishes							
33	Plumbing - Domestic Water Distribution							
34	Plumbing - Fixtures							

FCA Indexes – Facility Condition Index (FCI)

**Cost of Facility Improvements
(to meet all Codes & Standards)**

**Replacement Cost of Facility
(SBA Funding Formula)**

= 60

(Lower = Better)

FCA Indexes – Energy Usage Index (EUI)

Facility Energy Consumption per Year
(Converted to BTU)

“Conditioned”
Building Square Footage

= 45

(Lower = Better)

FCA Indexes – Building Program Utilization

Student Enrollment
(Current, Projected, or Design)

Building Capacity
(Based on Educational Program)

= 85%
(Desired Target)

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Phase 2

Phase 3

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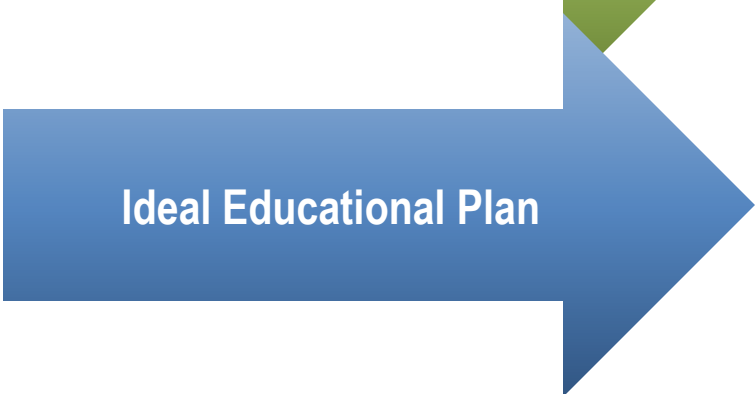
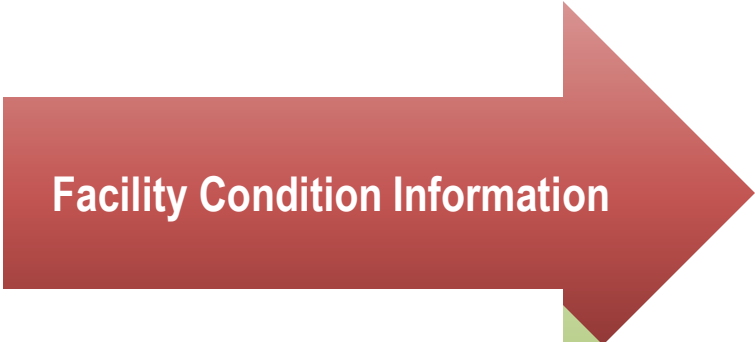
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Future Training Session(s)



CEFP 2020 – COMPLETION DATES

January 2019	Project Statewide Kickoff
April 2019	A/E Procurement, Training Sessions Facility Condition Assessments Begin Forming Committees, Educational Planning
January 2020	“Translating Educational Needs into Facility Needs” Section
April 2020	Project Priority List, Finance Plans, & Public Hearings
July 2020	Local Board Approval
August 2020	Approval by WVDE & SBA
December 2020	Specific Needs Project Funding by SBA

Questions?

Thank You!



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