

**BOONE COUNTY SCHOOLS
DISTRICT FACILITY PLAN**

FINDING NO. 1: JUNE, 2017

BOLD, RED

NEXT DFP DUE: FEBRUARY 2020

PLAN OF SCHOOL ORGANIZATION

- 1. Current Plan K-5, 6-8, 6-12, 9-12
- 2. Long Range Plan K-5, 6-8, 6-12, 9-12

SCHOOL CENTERS	Status	Organization	<u>Student Enrollment</u> Capacity
1. Secondary			
a. Boone County High School	Permanent	9-12 Center	1412/999
b. Boone County Area Tech. Center	Permanent	9-12 Center	varies
c. Conner High School	Permanent	9-12 Center	1376/1074
d. Cooper High School	Permanent	9-12 Center	1240/1265
e. Ryle High School	Permanent	9-12 Center	1841/1755
f. Ignite Institute	Permanent	9-12 Center	new/1000
g. Ralph Rush/Staff Development Center	Permanent	6-12 Center	varies
h. Boone County Student Services	Permanent	Center	varies
2. Middle			
a. Ballyshannon Middle School	Permanent	6-8 Center	new/500
b. Camp Ernst Middle School	Permanent	6-8 Center	1043/899
c. Conner Middle School	Permanent	6-8 Center	1177/815
d. Gray Middle School	Permanent	6-8 Center	1089/1005
e. Jones Middle School	Permanent	6-8 Center	740/622
f. Ockerman Middle School	Permanent	6-8 Center	922/853
3. Elementary			
a. Burlington Elementary School	Permanent	K-5 Center	852/916
b. Collins Elementary School	Permanent	K-5 Center	839/672
c. Erpenbeck Elementary School	Permanent	K-5 Center	691/800
d. Florence Elementary School	Permanent	K-5 Center	660/650
e. Goodridge Elementary School	Permanent	K-5 Center	788/653
f. Kelly Elementary School	Permanent	K-5 Center	240/402
g. Longbranch Elementary School	Permanent	K-5 Center	851/900
h. Mann Elementary School	Permanent	K-5 Center	816/900
i. New Haven Elementary School	Permanent	K-5 Center	816/954
j. North Pointe Elementary School	Permanent	K-5 Center	477/925
k. Ockerman Elementary School	Permanent	K-5 Center	784/825
l. Stephens Elementary School	Permanent	K-5 Center	642/880
m. Thornwilde Elementary School	Permanent	K-5 Center	637/700
n. Yealey Elementary School	Permanent	K-5 Center	553/687

CAPITAL CONSTRUCTION PRIORITIES (Schedule within the 2016-2018 Biennium)

1a. New construction to meet student capacity; further implementation of established programs; or complete approved projects constructed in phases.	Eff. %	Cost Est.
1. Site acquisition for new Elementary School located Central County Construct new 600-student elementary school	65,736 sf.	\$700,000 \$14,698,570

2. Ryle High School			236,929 sf.		
Major Addition to include; HVAC improvements; electric and security upgrades; new roadway, restrooms, stairs and circulation					
Construct:	4	Classrooms	750 sf.	3,000 sf	68% \$1,078,235
	4	Classrooms	800 sf.	3,200 sf	68% \$1,150,118
	2	Science Lab	1,500 sf.	3,000 sf	68% \$1,078,235
	1	Science Workroom	245 sf.	245 sf	68% \$88,056
	1	Chemical Storage	100 sf.	100 sf	68% \$35,941
	1	Resource Classroom	400 sf.	400 sf	68% \$143,765
	2	Workroom	350 sf.	700 sf	68% \$251,588
	1	Ag Lab	1,550 sf.	1,550 sf	68% \$557,088
	1	Ag Office	130 sf.	130 sf	68% \$46,724
	1	Ag Storage	100 sf.	100 sf	68% \$35,941
	1	Ag Tools	170 sf.	170 sf	68% \$61,100
	1	Cafeteria Addition	4,900 sf.	4,900 sf	68% \$1,761,118
	1	Weight Room Addition	1,600 sf.	1,600 sf	68% \$575,059
	1	PE Storage	1,200 sf.	1,200 sf	68% \$431,294

1b. New construction to replace inadequate spaces; expand existing or new buildings for educational purposes; consolidate schools; or replace deteriorated facilities. **Eff. %** **Cost Est.**

1. Ignite Institute **185,000 sf.**
New learning academy for 1,000 students focusing on STEAM delivery methods in a non-conventional classroom setting. This will be an existing building which will need full renovation. **\$15,000,000**

1c. Major renovation/additions of educational facilities; including expansions, kitchens, cafeterias, libraries, administrative areas, auditoriums, and gymnasiums. **Eff. %** **Cost Est.**

1d. KERA Strands New Additions: Preschool, SBDM Office & Conf., Fam. Res.

CAPITAL CONSTRUCTION PRIORITIES (Schedule after the 2016-2018 Biennium)
--

2a. New construction to meet student capacity; further implementation of established programs; or complete approved projects constructed in phases. **Eff. %** **Cost Est.**

1	Site acquisition for new Elementary School located Southern County				\$700,000
	Construct new 750-student elementary school		79,216 sf.		\$17,712,698
2.	Site acquisition for new Middle School on site located Northern/Western County				\$1,000,000
3.	New Alternative School				
	Construct a 400-student district-wide Alternative Education Center		51,959 sf.		\$11,955,766
4.	Cooper High School (target 1,500 enrollment by 2019)		183,934 sf.		
	Purchase land to expand the Cooper / Longbranch Campus				\$600,000
	Minor Renovation to include; ADA and Security - site lighting and access controls / hardware				\$75,000
Construct:	14	Classrooms	750 sf.	10,500 sf.	68% \$3,773,824
	1	Business Ed Classroom	900 sf.	900 sf.	68% \$323,471
	1	Business Ed Office	150 sf.	150 sf.	68% \$53,912
	1	Greenhouse			\$80,000
	1	Computer Lab	1,280 sf.	1,280 sf.	68% \$460,047
	2	Project Lead the Way Classroom/Lab	2,000 sf.	4,000 sf.	68% \$1,437,647

5.	Ryle High School (target 2,100 enrollment by 2019)			236,929 sf.				
	Minor Renovation to include; HVAC improvements to 1992 building; ADA/Security - site lighting and access controls / hardware.							\$450,000
	Construct: 9th Grade Center Addition			25,106 sf	68%			\$9,023,392
6.	Camp Ernst Middle School (target 1,200 enrollment by 2019)			111,427 sf.				
	Minor Renovation to include; ADA/Security - site lighting and access controls / hardware.							\$75,000
	Construct: 8 Standard Classrooms	750 sf.		6,000 sf.	71%			\$1,944,507
7.	Gray Middle School (target 1,200 enrollment by 2019)			115,452 sf.				
	Minor Renovation to include; HVAC improvements to 1995 building; ADA/Security - site lighting and access controls / hardware.							\$75,000
	Construct 8 Classrooms	750 sf.		6,000 sf.	71%			\$1,944,507
8.	Jones Middle School (target 775 enrollment by 2019)			105,194 sf.				
	Minor Renovation to include; HVAC improvements to 1978 building; ADA/Security - site lighting and access controls / hardware; roofing							\$325,000
	Construct 4 Classrooms	750 sf.		3,000 sf.	71%			\$972,254
9.	Collins Elementary School (target 800 enrollment by 2019)			67,686 sf.				
	Minor Renovation to include; HVAC improvements to 1989 building; ADA/Security - site lighting and access controls / hardware; convert existing Cafeteria into (2) Resource Rooms; Playground safety improvements.							\$750,000
	Construct 4 Classrooms	750 sf.		3,000 sf.	74%			\$906,486
	1 Cafeteria	5,400 sf.		5,400 sf.	74%			\$1,631,676
10.	Goodridge Elementary School (target 775 enrollment by 2019)			72,829 sf.				
	Minor Renovation to include; HVAC improvements to 1971 building; ADA/Security - site lighting and access controls / hardware; new security vestibule; Playground safety improvements.							\$175,000
	Construct 5 Classrooms	750 sf.		3,750 sf.	74%			\$1,133,108
11.	Longbranch Elementary School (target 1,050 enrollment by 2019)			83,750 sf.				
	Minor Renovation to include; ADA/Security - site lighting and access controls / hardware; Playground safety improvements.							\$75,000
	Construct: 6 Standard Classrooms	750 sf.		4,500 sf.	74%			\$1,359,730
12.	Mann Elementary School (target 1,000 enrollment by 2019)			86,239 sf.				
	Minor Renovation to include; ADA/Security - site lighting and access controls / hardware; Playground safety improvements.							\$75,000
	Construct: 4 Standard Classrooms	750 sf.		3,000 sf.	74%			\$906,486
13.	New Haven Elementary School/Annex (target 1,000 enrollment by 2019)			105,448 sf.				
	Minor renovations to include; HVAC improvements to 1980's and 1990's buildings; ADA/Security - site lighting and access controls / hardware; Expanded parking/site acquisition; Playground safety improvements.							\$500,000
	Construct: 2 Standard Classrooms	750 sf.		1,500 sf.	74%			\$453,243
14.	Thornwilde Elementary School (target 800 enrollment by 2019)			76,270 sf.				
	Minor Renovation to include; ADA/Security - site lighting and access controls / hardware; Playground safety improvements.							\$75,000
	Construct: 4 Standard Classrooms	750 sf.		3,000 sf.	74%			\$906,486

2b. New construction to replace inadequate spaces; expand existing or new buildings for educational purposes;
Consolidate schools; or replace deteriorated facilities.

Eff. % Cost Est.

2c. Major renovation/additions of educational facilities; including expansions, kitchens, cafeterias, libraries, administrative areas, auditoriums, and gymnasiums.

					Eff. %	Cost Est.
1.	Boone County High School (target 1,405 enrollment by 2019)	229,012 sf.				
	Major Renovation of the 1950's wings of original High School. The major renovation will include all mechanical, electrical, plumbing, communication technology; ADA/Security - site lighting and access controls / hardware; Renovation of all lab spaces including all casework, all finishes such as flooring, doors and hardware, ceilings, paint, carpet, and lockers; the building will be brought up to current new building standards; roofing (1950's wing) and other miscellaneous improvements; Renovation of existing Auditorium into Classrooms. Connector to Band Room.					\$4,800,000
	Construct 1 Auditorium	5,400 sf.	5,400 sf.	68%		\$1,940,824
2.	Conner High School (target 1,700 enrollment by 2019)	183,934 sf.				
	Minor Renovation to include; HVAC improvements to 1970 building; ADA/Security - site lighting and access controls / hardware; roofing (original building)					\$700,000
	Construct 12 Classrooms	750 sf.	9,000 sf.	68%		\$3,234,706
	1 Fieldhouse	10,000 sf.	10,000 sf.	68%		\$3,594,118
3.	Conner Middle School (target 900 enrollment by 2019)	123,083 sf.				
	Major Renovation to include; HVAC improvements to 1962 and 1996 buildings; mechanical, electrical and plumbing; ADA/Security - site lighting and access controls / hardware; ceilings, restrooms; doors and hardware					\$8,000,000
4.	Ockerman Middle School (target 900 enrollment by 2019)	109,471 sf.				
	Minor Renovation to include; ADA/Security - site lighting and access controls / hardware; Renovate (2) Classrooms into Science Classrooms.					\$150,000
	Construct 3 Classrooms	750 sf.	2,250 sf.	71%		\$729,190
5.	Burlington Elementary / Annex (target 975 enrollment by 2019)	103,924 sf.				
	Minor Renovation to include; HVAC improvements to 1980's building; ADA/Security - site lighting and access controls / hardware; Floor coverings (in original 1930's building); Playground safety improvements.					\$275,000
6.	Erpenbeck Elementary School (target 800 enrollment by 2019)	76,471 sf.				
	Minor Renovation to include; HVAC improvements to 1996 building; ADA/Security - site lighting and access controls / hardware; Playground safety improvements.					\$75,000
7.	Florence Elementary School (target 600 enrollment by 2019)	115,836 sf.				
	Minor Renovation to include; ADA/Security - site lighting and access controls / hardware; Playground safety improvements.					\$75,000
8.	Kelly Elementary School (target 450 enrollment by 2019)	39,676 sf.				
	Minor Renovation to include; ADA/Security - site lighting and access controls / hardware; Playground safety improvements.					\$75,000
9.	North Pointe Elementary School (target 925 enrollment by 2019)	85,078 sf.				
	Minor Renovation to include; ADA/Security - site lighting and access controls / hardware; roofing; Playground safety improvements.					\$675,000
10.	Ockerman Elementary School (target 775 enrollment by 2019)	76,744 sf.				
	Minor Renovation to include; ADA/Security - site lighting and access controls / hardware; Playground safety improvements.					\$75,000

11. Stephens Elementary School (target 900 enrollment by 2019)	79,213 sf.	
Major Renovation to include; HVAC improvements to 1992 building; ADA/Security - site lighting and access controls / hardware; roofing (1997 addition); Site improvements, access roads, parking lot expansion/repairs; Playground safety improvements.		\$395,000
12. Yealey Elementary School (target 600 enrollment by 2019)	73,447 sf.	
Minor Renovation to include; HVAC improvements to 1962 building; ADA/Security - site lighting and access controls / hardware; Playground safety improvements.		\$75,000
13. Boone County Area Tech Center	28,382 sf.	
Minor Renovation to include; HVAC improvements to include building; ventilation/exhaust system; ADA/Security - site lighting and access controls / hardware;		\$350,000

2d. KERA Strands new additions; Preschool, SBDM Office & Conference, Fam. Res.

1. District White Board/ Projector Initiative
Provide fixed active boards and projectors in all classrooms district wide with wireless capability for hand-held student assessments and remote operation.
Construct: 1000 Projectors \$1,500 each \$1,500,000

CAPITAL CONSTRUCTION PRIORITIES (Regardless of Schedule)

3. Construction of non-educational additions or expansions including; kitchen, cafeterias, administrative areas, auditoriums and gymnasiums.	Eff. %	Cost Est.
4. Management support areas; Construct, acquisition, or renovation of central offices, bus garages, or central stores	Eff. %	Cost Est.
1. Ralph Rush/Boone County Schools Staff Development Center	6,000 sf.	
Major Renovation to include; life safety improvements; floors; security system; ADA improvements.		\$1,092,000
2. Central Storage		
Construct: Construct a new central storage facility.	54,000 sf.	\$6,669,000
3. Florence Elementary School Annex	32,000 sf.	
Major Renovation to include; HVAC improvements to 1930's building; ADA and security - site lighting and access controls / hardware; restrooms; interior finishes; hardware		\$1,200,000
4. Central Office	18,600 sf.	
Major renovation to include; HVAC improvements to 1973 buildings electric and plumbing upgrades; ADA/Security - site lighting and access controls / hardware		\$1,100,000
5. Maintenance Building (existing on Ockerman Campus)	11,660 sf.	
Renovate into Central Office Annex		\$1,166,000
6. Boone County Bus Lot and Garage		
Expansion and paving improvements; generator		\$600,000
7. Ryle High School		
Bus Parking Lot Expansion		\$200,000

DISTRICT NEED	\$136,867,908
----------------------	----------------------

5. Discretionary Construction Projects; Functional Centers; Improvements by new construction or renovation.

Estimated Costs of these projects will not be included in the FACILITY NEEDS ASSESSMENT TOTAL.

				Eff. %	
1. Boone County High School		229,012 sf.			
Renovation of existing paving areas					\$300,000
Construct: 8 Classrooms	750	6,000 sf.		68%	\$2,156,471
1 Choir/Vocal Music Clsrm	900 sf.	900 sf.		68%	\$323,471
2. Conner High School		183,934 sf.			
Roofing (addition) and renovation of existing paving areas					\$700,000
3. Cooper High School		188,800 sf.			
Renovation of existing paving areas					\$250,000
4. Ryle High School		236,929 sf.			
Replace lockers and floor coverings; fine grade lawn area					\$920,000
Construct: 9th Grade Center Addition		35,359 sf		68%	\$12,708,441
5. Camp Ernst Middle School		111,427 sf.			
HVAC improvements to original 2005 building; roofing; renovation of existing paving areas					\$775,000
6. Conner Middle School		123,083 sf.			
Floor coverings; roofing (front classrooms and library)					\$700,000
7. Gray Middle School		115,452 sf.			
Floor coverings					\$400,000
8. Jones Middle School		105,194 sf.			
Renovation of existing paving areas					\$125,000
9. Ockerman Middle School		109,471 sf.			
Roofing and renovation of existing paving areas					\$250,000
10. Burlington Elementary School		103,924 sf.			
Roofing and renovation of existing paving areas					\$525,000
11. Collins Elementary School		67,686 sf.			
Renovation of existing paving areas					\$125,000
12. Erpenbeck Elementary School		76,471 sf.			
Roofing and renovation of existing paving areas					\$65,000
13. Florence Elementary School		115,836 sf.			
Roofing and renovation of existing paving areas					\$325,000
14. Kelly Elementary School		39,676 sf.			
Renovation of existing paving areas					\$25,000
15. New Haven Elementary School/Annex		105,448 sf.			
Roofing and renovation of existing paving areas					\$750,000
Construct: 2 Standard Classrooms	750 sf.	1,500 sf.		74%	\$453,243
16. North Pointe Elementary School		85,078 sf.			
Renovation of existing paving areas					\$100,000

17. Ockerman Elementary School Renovation of existing paving areas	76,744 sf.	\$50,000
18. Yealey Elementary School Renovation of existing paving areas	73,447 sf.	\$100,000
19. Florence Elementary School Annex Roofing	32,000 sf.	\$125,000
20. Central Office Roofing and renovation of existing paving areas	18,600 sf.	\$100,000