

KBE APPROVAL DATE: JUNE 2018

**MERCER COUNTY SCHOOLS  
DISTRICT FACILITY PLAN**

NEXT DFP DUE: JUNE 2022

**PLAN OF SCHOOL ORGANIZATION**

- 1. Current Plan P-2, 3-5, 6-8, 9-12
- 2. Long Range Plan P-2, 3-5, 6-8, 9-12

<b>SCHOOL CENTERS</b>	<b>Status</b>	<b>Organization</b>	<u>Student Enrollment /Capacity</u>
1. Secondary			
a. Mercer Senior High School	Permanent	9-12 Center	848/958
b. Hughes Jones Area Technology Center	Permanent	9-12 Center	/275
2. Middle			
a. King Middle School	Permanent	6-8 Center	598/626
3. Elementary			
a. Mercer County Intermediate School	Permanent	3-5 Center	659/645
b. Mercer County Elementary School	Permanent	P-2 Center	617/772

**CAPITAL CONSTRUCTION PRIORITIES (Schedule after the 2018-2020 Biennium)**

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

	\$/SF	Cost Est.
<b>1. Mercer County Senior High School</b>		
Total SF =		<b>103,754 sf.</b>
<b>Section 2008 Element</b>	<b>93,357 sf.</b>	<b>\$/SF TOTALS</b>
Not Eligible for Renovation		<b>\$0</b>
		<b>2008 Total</b>
		<b>\$0</b>
<b>Section 2014 Element</b>	<b>10,397 sf.</b>	<b>\$/SF TOTALS</b>
Not Eligible for Renovation		<b>\$0</b>
		<b>2014 Total</b>
		<b>\$0</b>
<b>Total Renovation Costs</b>		<b>\$0</b>
<b>Eff. %</b>		
<b>Construct:</b> 1 Science Classroom	1,000 sf.	1,000 sf. 68% \$374,265
		<b>Total Addition Costs</b>
		<b>\$374,265</b>
<b>TOTAL HIGH SCHOOL COSTS</b>		<b>\$374,265</b>

**2. Hughes Jones Area Technology Center** Total SF = **43,270 sf.**  
 Renovations to include new HVAC system in areas of the building not addressed in the 2008 renovation (approx. 18,000 sf), upgrades to controls systems, and a new boiler, ADA upgrades including drinking fountains and alarm systems, asbestos abatement in the original 1969 building, PA upgrades, electrical for ceiling mounted projectors, plumbing upgrades and sprinkler system.

Section	1969	Element	23,543 sf.		\$/SF	TOTALS
Category	B	B2020 - Windows	23,543 sf.	\$	0.20	\$4,709
Category	C	C1020 Equipment (fixed)	23,543 sf.	\$	0.75	\$17,657
		C30 - Interior Finishes	23,543 sf.	\$	4.75	\$111,829
Category	D	D20 - Plumbing	23,543 sf.	\$	7.00	\$164,801
		D30 - HVAC	23,543 sf.	\$	25.00	\$588,575
		D40 - Fire Protection	23,543 sf.	\$	4.75	\$111,829
		D50 - Electrical	23,543 sf.	\$	7.00	\$164,801
		D50 - Technology	23,543 sf.	\$	2.00	\$47,086
<b>1969 Total</b>						<b>\$1,211,287</b>

Section	2008	Element	19,727 sf.		\$/SF	TOTALS
Not Eligible for Renovation						\$0
<b>2008 Total</b>						<b>\$0</b>
<b>Total Renovation Costs</b>						<b>\$1,211,287</b>

Construct:	1	None	sf.	0 sf.	Eff. %	\$0
<b>Total Addition Costs</b>						<b>\$0</b>
<b>TOTAL AREA TECHNOLOGY CENTER COSTS</b>						<b>\$1,211,287</b>

**3. King Middle School** Total SF = **93,050 sf.**  
 Renovations include PA & Security upgrades, brick and stucco facade repair, structural wall repairs flashing repair, new door hardware, exterior door replacement, window replacement, canopy replacement, new bleachers, new basketball goals, casework in classroom & science upgrades, new ceilings in corridors, paint walls, upgrade gym lighting, improve foyer lighting; lighting under awning in front of building; upgrade lighting control systems, electrical for ceiling mounted projectors, acoustic treatment in gym, plumbing fixture upgrades, HVAC & control systems, modifications to the under used portions of existing building to accommodate Career and Technical Education Special Education, Kitchen upgrades, front entry awning, sidewalk modifications, & demo old smoke stack. An addition and renovation to connect two remote corridors and create a loop.

Section	1955	Element	49,814 sf.		\$/SF	TOTALS
		Sitework	49,814 sf.	\$	4.00	\$199,256
Category	A	A10 - Foundations	49,814 sf.	\$	0.30	\$14,944
		B2010 - Exterior Walls	49,814 sf.	\$	1.95	\$97,137
		B2020 - Windows	49,814 sf.	\$	0.20	\$9,963
		B30 - Roofing	49,814 sf.	\$	1.65	\$82,193
Category	C	C1020 Equipment (fixed)	49,814 sf.	\$	12.20	\$607,731
		C1030 - Doors & hardware	49,814 sf.	\$	0.55	\$27,398
		C30 - Interior Finishes	49,814 sf.	\$	3.00	\$149,442
Category	D	D20 - Plumbing	49,814 sf.	\$	7.00	\$348,698
		D30 - HVAC	49,814 sf.	\$	34.00	\$1,693,676
		D40 - Fire Protection	49,814 sf.	\$	4.75	\$236,617
		D50 - Electrical	49,814 sf.	\$	21.00	\$1,046,094
		D50 - Technology	49,814 sf.	\$	11.00	\$547,954
<b>1955 Total</b>						<b>\$5,061,102</b>

Section	1972	Element	25,670 sf.		\$/SF	TOTALS
		B2010 - Exterior Walls	25,670 sf.	\$	1.30	\$33,371
		B2020 - Windows	25,670 sf.	\$	0.35	\$8,985
Category	C	C1020 Equipment (fixed)	25,670 sf.	\$	0.25	\$6,418
		C1030 - Doors & hardware	25,670 sf.	\$	0.10	\$2,567
		C30 - Interior Finishes	25,670 sf.	\$	0.55	\$14,119
Category	D	D20 - Plumbing	25,670 sf.	\$	7.00	\$179,690
		D30 - HVAC	25,670 sf.	\$	34.00	\$872,780
		D40 - Fire Protection	25,670 sf.	\$	4.75	\$121,933
		D50 - Electrical	25,670 sf.	\$	21.00	\$539,070
		D50 - Technology	25,670 sf.	\$	11.00	\$282,370
<b>1975 Total</b>						<b>\$2,061,301</b>

Section	1977	Element	13,675 sf.		\$/SF	TOTALS
		B2010 - Exterior Walls	13,675 sf.	\$	1.60	\$21,880
Category	C	C1020 Equipment (fixed)	13,675 sf.	\$	0.40	\$5,470
		C1030 - Doors & hardware	13,675 sf.	\$	0.85	\$11,624
		C30 - Interior Finishes	13,675 sf.	\$	0.40	\$5,470
Category	D	D20 - Plumbing	13,675 sf.	\$	7.00	\$95,725
		D30 - HVAC	13,675 sf.	\$	34.00	\$464,950
		D40 - Fire Protection	13,675 sf.	\$	4.75	\$64,956
		D50 - Electrical	13,675 sf.	\$	21.00	\$287,175
		D50 - Technology	13,675 sf.	\$	11.00	\$150,425
<b>1977 Total</b>						<b>\$1,107,675</b>

Section	1981	Element	5,941 sf.		\$/SF	TOTALS
Category	B	B10 - Superstructure	5,941 sf.	\$	3.10	\$18,417
		B2010 - Exterior Walls	5,941 sf.	\$	1.75	\$10,397
		B2020 - Windows	5,941 sf.	\$	3.60	\$21,388
		C1030 - Doors & hardware	5,941 sf.	\$	2.50	\$14,853
		C30 - Interior Finishes	5,941 sf.	\$	0.85	\$5,050
Category	D	D20 - Plumbing	5,941 sf.	\$	7.00	\$41,587
		D30 - HVAC	5,941 sf.	\$	34.00	\$201,994
		D40 - Fire Protection	5,941 sf.	\$	4.75	\$28,220
		D50 - Electrical	5,941 sf.	\$	21.00	\$124,761
		D50 - Technology	5,941 sf.	\$	11.00	\$65,351
<b>1982 Total</b>						<b>\$532,017</b>

**Total Renovation Costs** **\$8,762,095**

Construct:				Eff. %	
2	Computer rooms	900 sf.	1,800 sf.	71%	\$607,690
1	Vocal Music Room	900 sf.	900 sf.	71%	\$303,845
<b>Total Addition Costs</b>					<b>\$911,535</b>
<b>TOTAL MIDDLE SCHOOL COSTS</b>					<b>\$9,673,630</b>

**4. Mercer County Intermediate School**

Total SF = **78,200 sf.**

Major renovations include ADA upgrades to doors, hardware & drinking fountains, security vestibule and upgrades; general finishes; gym bleachers; window replacement; roof replacement; masonry wall repairs; canopy repair; repair and replacement of HVAC systems; plumbing fixtures; lighting upgrades, electrical for ceiling mounted projectors, PA system; fire alarm system; upgrades/additions to the CCTV security camera system; technology upgrades; kitchen upgrades; band room upgrades; modifications to the existing Technology room and Family Consumer Science rooms to convert these spaces into standard classrooms and Resource classrooms; additional site improvements will include playground equipment & security fencing, repair & new sidewalks, and asphalt resurfacing expand parent drop off.

Section	1992	Element	78,200 sf.		\$/SF	TOTALS
		<i>Sitework</i>	78,200 sf.	\$	4.20	\$328,440
Category	B	<i>B10 - Superstructure</i>	78,200 sf.	\$	0.30	\$23,460
		<i>B2010 - Exterior Walls</i>	78,200 sf.	\$	1.25	\$97,750
		<i>B2020 - Windows</i>	78,200 sf.	\$	0.45	\$35,190
		<i>B30 - Roofing</i>	78,200 sf.	\$	1.40	\$109,480
Category	C	<i>C1020 Equipment (fixed)</i>	78,200 sf.	\$	2.15	\$168,130
		<i>C1030 - Doors &amp; hardware</i>	78,200 sf.	\$	0.85	\$66,470
		<i>C30 - Interior Finishes</i>	78,200 sf.	\$	2.85	\$222,870
Category	D	<i>D20 - Plumbing</i>	78,200 sf.	\$	7.00	\$547,400
		<i>D30 - HVAC</i>	78,200 sf.	\$	34.00	\$2,658,800
		<i>D40 - Fire Protection</i>	78,200 sf.	\$	4.75	\$371,450
		<i>D50 - Electrical</i>	78,200 sf.	\$	21.00	\$1,642,200
		<i>D50 - Technology</i>	78,200 sf.	\$	11.00	\$860,200

**1992 Total \$7,131,840**

**Total Renovation Costs \$7,131,840**

Construct:	1	Cafeteria	1,617 sf.	1,617 sf.	Eff. %	74%	\$508,918
						<b>Total Addition Costs</b>	<b>\$508,918</b>

**TOTAL INTERMEDIATE SCHOOL COSTS \$7,640,758**

**5. Mercer County Elementary School**

Total SF = **100,873 sf.**

Major renovation include ADA upgrades to doors, hardware and drinking fountains, signage; exterior door upgrades; exterior soffit and column support replacement; window repairs & replacement; new finishes including ceilings, floor finishes, wall finishes, toilet partitions, classroom casework, marker & tack boards; gym bleacher replacement; basketball goals; canopy repairs; kitchen upgrades; plumbing fixtures upgrades; install sprinkler system; HVAC & control systems, HVAC system serving Kitchen and kitchen hood replacement; ventilation for office staff restroom, PA upgrades; electrical upgrades; lighting upgrades; electrical for ceiling mounted projectors, upgrades/additions to the CCTV security camera system; technology upgrades; and site upgrades including asphalt drives & parking, fencing, concrete removal and new sidewalks, & courtyard repair.

Section	1968	Element	73,681 sf.		\$/SF	TOTALS
		<i>Sitework</i>	73,861 sf.	\$	6.75	\$498,562
Category	B	<i>B10 - Superstructure</i>	73,861 sf.	\$	1.40	\$103,405
		<i>B2010 - Exterior Walls</i>	73,861 sf.	\$	0.90	\$66,475
		<i>B2020 - Windows</i>	73,861 sf.	\$	2.30	\$169,880
Category	C	<i>C1020 Equipment (fixed)</i>	73,861 sf.	\$	2.25	\$166,187
		<i>C1030 - Doors &amp; hardware</i>	73,861 sf.	\$	0.30	\$22,158
		<i>C30 - Interior Finishes</i>	73,861 sf.	\$	5.50	\$406,236
Category	D	<i>D20 - Plumbing</i>	73,861 sf.	\$	7.00	\$517,027
		<i>D30 - HVAC</i>	73,861 sf.	\$	34.00	\$2,511,274
		<i>D40 - Fire Protection</i>	73,861 sf.	\$	4.75	\$350,840
		<i>D50 - Electrical</i>	73,861 sf.	\$	21.00	\$1,551,081
		<i>D50 - Technology</i>	73,861 sf.	\$	11.00	\$812,471

**1968 Total \$7,175,596**

Section	1984	Element	20,856 sf.		\$/SF	TOTALS
Category	B	B2020 - Windows	20,856 sf.	\$	2.50	\$52,140
		B30 - Roofing	20,856 sf.	\$	5.00	\$104,280
Category	C	C1020 Equipment (fixed)	20,856 sf.	\$	6.00	\$125,136
		C30 - Interior Finishes	20,856 sf.	\$	7.00	\$145,992
Category	D	D20 - Plumbing	20,856 sf.	\$	7.00	\$145,992
		D30 - HVAC	20,856 sf.	\$	34.00	\$709,104
		D40 - Fire Protection	20,856 sf.	\$	4.75	\$99,066
		D50 - Electrical	20,856 sf.	\$	21.00	\$437,976
		D50 - Technology	20,856 sf.	\$	11.00	\$229,416
<b>1984 Total</b>						<b>\$2,049,102</b>

Section	2002	Element	6,336 sf.		\$/SF	TOTALS
Not Eligible for Renovation						\$0
<b>2002 Total</b>						<b>\$0</b>
<b>Total Renovation Costs</b>						<b>\$9,224,698</b>

Construct:	1	none	0 sf.	0 sf.	Eff. %	\$0
<b>Total Addition Costs</b>						<b>\$0</b>
<b>TOTAL ELEMENTARY SCHOOL COSTS</b>						<b>\$9,224,698</b>

**KERA Strands New Additions:** Preschool, School Based Decision Making Meeting Area, Family Resource and District White Board Initiative

Provide fixed active boards and projectors in all classrooms district wide with wireless

1. Construct: **78** Interactive Smart Boards \$6,500 per classroom. \$507,000

**CAPITAL CONSTRUCTION PRIORITIES (Regardless of Schedule)**

**4. Management support areas;** Construct, acquisition, or renovation of central offices, bus garages, or central stores

**1. Central Office & Day Treatment/Alternative Ed.** Total SF = **51,179 sf.** Eff. % Cost Est.

Section	1969	Element	21,240 sf.		\$/SF	TOTALS
		Sitework	21,243 sf.	\$	10.00	\$212,430
		B2020 - Windows	21,243 sf.	\$	4.00	\$84,972
Category	C	C1020 Equipment (fixed)	21,243 sf.	\$	0.75	\$15,932
		C1030 - Doors & hardware	21,243 sf.	\$	4.00	\$84,972
Category	D	D20 - Plumbing	21,243 sf.	\$	7.00	\$148,701
		D30 - HVAC	21,243 sf.	\$	34.00	\$722,262
		D40 - Fire Protection	21,243 sf.	\$	4.75	\$100,904
		D50 - Electrical	21,243 sf.	\$	21.00	\$446,103
		D50 - Technology	21,243 sf.	\$	11.00	\$233,673
<b>1969 Total</b>						<b>\$2,049,950</b>

Section	1989	Element	29,939 sf.		\$/SF	TOTALS
		Sitework	29,939 sf.	\$	8.00	\$239,512
Category	C	C1020 Equipment (fixed)	29,939 sf.	\$	4.25	\$127,241
		C1030 - Doors & hardware	29,939 sf.	\$	1.10	\$32,933
		C30 - Interior Finishes	29,939 sf.	\$	7.00	\$209,573
Category	D	D20 - Plumbing	29,939 sf.	\$	7.00	\$209,573
		D30 - HVAC	29,939 sf.	\$	34.00	\$1,017,926
		D40 - Fire Protection	29,939 sf.	\$	4.75	\$142,210
		D50 - Electrical	29,939 sf.	\$	21.00	\$628,719
		D50 - Technology	29,939 sf.	\$	11.00	\$329,329
<b>1989 Total</b>						<b>\$2,937,016</b>
<b>Total Renovation Costs</b>						<b>\$4,986,965</b>

Construct:	1	none	0 sf.	0 sf.	Eff. %	\$0
<b>Total Addition Costs</b>						<b>\$0</b>
<b>TOTAL CENTRAL OFFICE AND DAY TREATMENT COSTS</b>						<b>\$4,986,965</b>

**2. Bus Garage** Total SF = **4,400 sf.**

Major renovation include ADA upgrades to doors, hardware and drinking fountains; site drainage; HVAC Ventilation; vehicle exhaust system; oil separator; sewer system; plumbing fixtures; sprinkler system; fire service; electrical systems; security cameras; elevator; stair tower; roof resurfaced; and bus parking and drive areas repaved.

Section	1970	Element	4,400 sf.		\$/SF	TOTALS
		Sitework	4,400 sf.	\$	50.00	\$220,000
Category	B	B2010 - Exterior Walls	4,400 sf.	\$	5.00	\$22,000
		B2020 - Windows	4,400 sf.	\$	2.00	\$8,800
Category	C	C1020 Equipment (fixed)	4,400 sf.	\$	1.25	\$5,500
		C1030 - Doors & hardware	4,400 sf.	\$	8.00	\$35,200
		C30 - Interior Finishes	4,400 sf.	\$	5.00	\$22,000
Category	D	D20 - Plumbing	4,400 sf.	\$	7.00	\$30,800
		D30 - HVAC	4,400 sf.	\$	34.00	\$149,600
		D40 - Fire Protection	4,400 sf.	\$	4.75	\$20,900
		D50 - Electrical	4,400 sf.	\$	21.00	\$92,400
		D50 - Technology	4,400 sf.	\$	11.00	\$48,400
<b>1970 Total</b>						<b>\$655,600</b>
<b>Total Renovation Costs</b>						<b>\$655,600</b>

**3. Central Maintenance & Storage** Total SF = **4,700 sf.**

Major renovation include ADA upgrades to doors, hardware and drinking fountains; code compliant stairs; building insulation; garage doors; general finishes; roof & gutter replacement; sprinkler system; fire service and fire alarm system; plumbing system; light fixtures; security system and asphalt drive repair.

Section	1992	Element	4,700 sf.		\$/SF	TOTALS
		Sitework	4,700 sf.	\$	10.00	\$47,000
Category	B	B2010 - Exterior Walls	4,700 sf.	\$	3.00	\$14,100
		B30 - Roofing	4,700 sf.	\$	12.75	\$59,925
Category	C	C1030 - Doors & hardware	4,700 sf.	\$	4.00	\$18,800
		C30 - Interior Finishes	4,700 sf.	\$	8.00	\$37,600
Category	D	D20 - Plumbing	4,700 sf.	\$	7.00	\$32,900
		D30 - HVAC	4,700 sf.	\$	34.00	\$159,800
		D40 - Fire Protection	4,700 sf.	\$	4.75	\$22,325
		D50 - Electrical	4,700 sf.	\$	21.00	\$98,700
		D50 - Technology	4,700 sf.	\$	11.00	\$51,700
<b>1992 Total</b>						<b>\$542,850</b>
<b>Total Renovation Costs</b>						<b>\$542,850</b>

**4. District Technology Office**

Total SF = **4,000 sf.**

Major renovation include ADA door hardware, plumbing fixtures, fire alarm devices, exit signs, HVAC system, sprinkler system, fire service, shingle roof, lighting, general finishes paving repalcement and sidewalk replacement (ADA).

Section	1955	Element	1,745 sf.	\$/SF	TOTALS
		Sitework	1,745 sf.	\$ 70.00	\$122,150
Category	C	C1030 - Doors & hardware	1,745 sf.	\$ 3.00	\$5,235
		C30 - Interior Finishes	1,745 sf.	\$ 2.00	\$3,490
Category	D	D20 - Plumbing	1,745 sf.	\$ 7.00	\$12,215
		D30 - HVAC	1,745 sf.	\$ 34.00	\$59,330
		D40 - Fire Protection	1,745 sf.	\$ 4.75	\$8,289
		D50 - Electrical	1,745 sf.	\$ 21.00	\$36,645
		D50 - Technology	1,745 sf.	\$ 11.00	\$19,195
<b>1955 Total</b>					<b>\$266,549</b>

Section	1973	Element	1,285 sf.	\$/SF	TOTALS
Category	C	C1030 - Doors & hardware	1,285 sf.	\$ 4.00	\$5,140
Category	D	D20 - Plumbing	1,285 sf.	\$ 7.00	\$8,995
		D30 - HVAC	1,285 sf.	\$ 34.00	\$43,690
		D40 - Fire Protection	1,285 sf.	\$ 4.75	\$6,104
		D50 - Electrical	1,285 sf.	\$ 21.00	\$26,985
		D50 - Technology	1,285 sf.	\$ 11.00	\$14,135
<b>1973 Total</b>					<b>\$105,049</b>

Section	1996	Element	970 sf.	\$/SF	TOTALS
Category	C	C1030 - Doors & hardware	970 sf.	\$ 4.00	\$3,880
Category	D	D20 - Plumbing	970 sf.	\$ 7.00	\$6,790
		D30 - HVAC	970 sf.	\$ 34.00	\$32,980
		D40 - Fire Protection	970 sf.	\$ 4.75	\$4,608
		D50 - Electrical	970 sf.	\$ 21.00	\$20,370
		D50 - Technology	970 sf.	\$ 11.00	\$10,670
<b>1996 Total</b>					<b>\$79,298</b>
<b>Total Renovation Costs</b>					<b>\$450,895</b>

<b>DISTRICT NEED</b>	<b>\$34,760,949</b>
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**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.

**1 Athletic Field House**

Total SF = **53,050 sf.**

Major renovation include ADA upgrades drinking fountains; general finishes; site drainage; HVAC Ventilation; vehicle exhaust system; oil separator; sewer system; plumbing fixtures; cable tv and wireless for coaches offices; and projectors and screens for locker rooms.

Section	2006	Element	53,050 sf.	\$/SF	TOTALS
Not Eligible for Renovation					\$0
		Sitework	53,050 sf.	\$ 2.00	\$106,100
Category	B	B2020 - Windows	53,050 sf.	\$ 0.10	\$5,305
Category	C	C30 - Interior Finishes	53,050 sf.	\$ 0.50	\$26,525
Category	D	D20 - Plumbing	53,050 sf.	\$ 4.00	\$212,200
		D30 - HVAC	53,050 sf.	\$ 17.00	\$901,850
		D50 - Electrical	53,050 sf.	\$ 3.00	\$159,150
		D50 - Technology	53,050 sf.	\$ 2.00	\$106,100
<b>2006 Total</b>					<b>\$1,517,230</b>
<b>Total Renovation Costs</b>					<b>\$1,517,230</b>

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|--|-------------|-------------|
| 2. <b>Mercer County Senior High school</b>   | 103,754 sf. |             |
| Repair of gym doors and frames; tint gym windows; exterior/greenhouse PA system;<br>exterior security cameras; new gym lighting system; asphalt parking and drive repairs.   |             | \$400,000   |
| 3. <b>Mercer County Senior High school</b>   |             |             |
| Implementation of Sports Complex Master Plan to include Field House, dugouts,<br>concession stand, restrooms, parking, grading improvements to band practice field,<br>synthetic turf football/soccer field, soccer bleachers, golf building, scoreboards press<br>box, tennis courts, and baseball field. |             | \$4,900,000 |