

Cedar Falls Community School District Physical Plant & Equipment Levy - Ten Year Master Plan As of September 1, 2016 - Revised July 12, 2017

As of September 1, 2016 - Revised July 12	2, 2017																
								Fy18	Fy19	Fy20	Fy21	Fy22	Fy23	Fy24	Fy25	Fy26	Fy27
								Rev. updated	3-3-17								
								Cash Bal upda	ted 7-12-17								
Estimated balance forward								4,040,416	2,790,475	2,272,421	1,643,762	1,080,686	1,305,808	1,289,272	601,342	921,803	1,957,11
Projected revenue (Assumes 2% annual i	ncrease)							3,401,712	3,469,746	3,539,141	3,609,924	3,682,122	3,755,764	3,830,879	3,907,497	3,985,647	4,065,360
Projects - Annual	Function																
School Bus rotation	2700							200,000	300,000	200,000	306,000	204,000	312,000	208,000	318,000	212,000	324,000
Maint./grounds vehicle rotation	2600							120,000	120,000	120,000	122,000	124,000	126,000	128,000	130,000	132,000	134,000
Equipment (other than technology)	1000							120,000	120,000	120,000	122,000	124,000	126,000	128,000	130,000	132,000	134,000
Roof/masonary walls (incl. design)	4000							325,000	325,000	325,000	328,000	331,000	334,000	337,000	340,000	343,000	346,00
Sidewalk/parking lot maintenance	4000							30,000	30,000	30,000	31,000	32,000	33,000	34,000	35,000	36,000	37,000
Grounds/building maintenance	4000							100,000	100,000	100,000	102,000	104,000	106,000	108,000	110,000	112,000	114,000
Technology ntwrk equip	2500 \$	Servers/sw	vitches/ro	uters etc				100,000	100,000	150,000	152,000	154,000	156,000	158,000	160,000	162,000	164,000
Student/staff technology	1000 (Chromebo	oks-900/	yr				270,000	270,000	270,000	272,000	274,000	276,000	278,000	280,000	282,000	284,000
	1000 7	Tablets-20	0/yr					100,000	100,000	100,000	102,000	104,000	106,000	108,000	110,000	112,000	114,000
	1000 5	Staff devic	es-600 ev	ery 3rd yr					540,000			544,000			548,000		
Classroom display/audio equipment	1000							100,000	100,000	100,000	102,000	104,000	106,000	108,000	110,000	112,000	114,000
Technology & software maintenance	2500	(see main	tenance t	ab)				120,000	120,000	120,000	122,000	124,000	126,000	128,000	130,000	132,000	134,000
Building security equipment (camera's)	2600							30,000	30,000	30,000	32,000	34,000	36,000	38,000	40,000	42,000	44,000
Annual project sub-total		Educate.						1,615,000	2,255,000	1,665,000	1,793,000	2,257,000	1,843,000	1,761,000	2,441,000	1,809,000	1,943,000
	_	Improve.	Safety	Efficiency	Weight	Year	Building										
New High School	_	10	10	10	10			O+1									
Upgrade/replace system servers			20	10	10			Other sources	of funding								
	2500	9	9	9	9	1	District	120,000	of funding								
Repl. critical ntwrk switches/routers	2500 2500					1 1			of funding 200,000								
		9	9	9	9		District	120,000	_								
Repl. critical ntwrk switches/routers	2500	9 9	9 9	9	9 9	1	District District	120,000	200,000								
Repl. critical ntwrk switches/routers Disaster Recovery buildout	2500 2500	9 9 9	9 9 9	9 9 9	9 9 9	1	District District District	120,000 250,000	200,000								
Repl. critical ntwrk switches/routers Disaster Recovery buildout Removal of portable classrooms (2)	2500 2500 4000	9 9 9 9	9 9 9 9	9 9 9 9	9 9 9 9	1 1 1	District District District OH	120,000 250,000 20,000	200,000								
Repl. critical ntwrk switches/routers Disaster Recovery buildout Removal of portable classrooms (2) Installation of portabe classrms (2)	2500 2500 4000 4000	9 9 9 9	9 9 9 9	9 9 9 9	9 9 9 9	1 1 1	District District District OH NC	120,000 250,000 20,000	200,000								
Repl. critical ntwrk switches/routers Disaster Recovery buildout Removal of portable classrooms (2) Installation of portabe classrms (2) Restore flex spaces Water main replacement	2500 2500 4000 4000 4000	9 9 9 9 9	9 9 9 9 9	9 9 9 9 9	9 9 9 9 9	1 1 1 2	District District District OH NC LN	120,000 250,000 20,000 68,700	200,000 100,000								
Repl. critical ntwrk switches/routers Disaster Recovery buildout Removal of portable classrooms (2) Installation of portabe classrms (2) Restore flex spaces	2500 2500 4000 4000 4000 4000	9 9 9 9 9 10	9 9 9 9 10	9 9 9 9 9 7 10	9 9 9 9 9 9	1 1 1 2 1	District District District OH NC LN HN	120,000 250,000 20,000 68,700	200,000 100,000								
Repl. critical ntwrk switches/routers Disaster Recovery buildout Removal of portable classrooms (2) Installation of portabe classrms (2) Restore flex spaces Water main replacement Sidewalk improvements	2500 2500 4000 4000 4000 4000 4000	9 9 9 9 9 10 10	9 9 9 9 9 10 10	9 9 9 9 9 7 10	9 9 9 9 9 10 9.66667	1 1 1 2 1	District District Oistrict OH NC LN HN	120,000 250,000 20,000 68,700 0 24,000	200,000 100,000 50,000 150,000								
Repl. critical ntwrk switches/routers Disaster Recovery buildout Removal of portable classrooms (2) Installation of portabe classrms (2) Restore flex spaces Water main replacement Sidewalk improvements Frt entrance repairs/ADA w/ design	2500 2500 4000 4000 4000 4000 4000 4000	9 9 9 9 10 10	9 9 9 9 10 10	9 9 9 9 9 7 10 10	9 9 9 9 9 10 9.66667 8.33333	1 1 1 2 1 1	District District Oistrict OH NC LN HN HO Admin	120,000 250,000 20,000 68,700 0 24,000 0	200,000 100,000 50,000 150,000								
Repl. critical ntwrk switches/routers Disaster Recovery buildout Removal of portable classrooms (2) Installation of portabe classrms (2) Restore flex spaces Water main replacement Sidewalk improvements Frt entrance repairs/ADA w/ design HVAC replacement - Board Room Frt entrance security improvement	2500 2500 4000 4000 4000 4000 4000 4000	9 9 9 9 10 10 9 6	9 9 9 9 10 10 10	9 9 9 9 7 10 10 9	9 9 9 9 9 10 9.66667 8.33333 8.33333	1 1 1 2 1 1 1	District District OH NC LN HN HO Admin Admin	120,000 250,000 20,000 68,700 0 24,000 0	200,000 100,000 50,000 150,000								
Repl. critical ntwrk switches/routers Disaster Recovery buildout Removal of portable classrooms (2) Installation of portabe classrms (2) Restore flex spaces Water main replacement Sidewalk improvements Frt entrance repairs/ADA w/ design HVAC replacement - Board Room Frt entrance security improvement Baseball/softball lighting repl.	2500 2500 4000 4000 4000 4000 4000 4000	9 9 9 9 10 10 9 6 5	9 9 9 9 10 10 10	9 9 9 9 7 10 10 9	9 9 9 9 9 9 10 9.66667 8.33333 8.33333	1 1 1 2 1 1 1 1	District District OH NC LN HN HO Admin Admin CH	120,000 250,000 20,000 68,700 0 24,000 0 220,000	200,000 100,000 50,000 150,000								
Repl. critical ntwrk switches/routers Disaster Recovery buildout Removal of portable classrooms (2) Installation of portabe classrms (2) Restore flex spaces Water main replacement Sidewalk improvements Frt entrance repairs/ADA w/ design HVAC replacement - Board Room Frt entrance security improvement Baseball/softball lighting repl. Baseball field grade improvements	2500 2500 4000 4000 4000 4000 4000 4000	9 9 9 9 9 10 10 5 8 7	9 9 9 9 9 10 10 10 10 10 10	9 9 9 9 9 7 10 10 9 10 7	9 9 9 9 9 9 10 9.66667 8.33333 8.33333 8.33333	1 1 1 1 2 1 1 1 1 1 1	District District OH NC LN HN HO Admin Admin CH RD	120,000 250,000 20,000 68,700 0 24,000 0 220,000 366,553	200,000 100,000 50,000 150,000			600,000	600,000				
Repl. critical ntwrk switches/routers Disaster Recovery buildout Removal of portable classrooms (2) Installation of portabe classrms (2) Restore flex spaces Water main replacement Sidewalk improvements Frt entrance repairs/ADA w/ design HVAC replacement - Board Room	2500 2500 4000 4000 4000 4000 4000 4000	9 9 9 9 10 10 10 5 8 7 8	9 9 9 9 9 10 10 10 10 10 10	9 9 9 9 9 7 10 10 9 10 7	9 9 9 9 9 9 10 9.66667 8.33333 8.33333 8.33333 8.33333	1 1 1 1 2 1 1 1 1 1 1 1	District District District OH NC LN HN HO Admin Admin CH RD RD	120,000 250,000 20,000 68,700 0 24,000 0 220,000 366,553	200,000 100,000 50,000 150,000			600,000	600,000				
Repl. critical ntwrk switches/routers Disaster Recovery buildout Removal of portable classrooms (2) Installation of portabe classrms (2) Restore flex spaces Water main replacement Sidewalk improvements Frt entrance repairs/ADA w/ design HVAC replacement - Board Room Frt entrance security improvement Baseball/softball lighting repl. Baseball field grade improvements 4 classroom addition (1,000 sq ft ea)	2500 2500 4000 4000 4000 4000 4000 4000	9 9 9 9 9 10 10 9 6 5 8 7 8 10	9 9 9 9 9 10 10 10 10 10 10 7	9 9 9 9 9 7 10 10 9 10 7 10 7	9 9 9 9 9 9 10 9.66667 8.33333 8.33333 8.33333 8.33333	1 1 1 1 2 1 1 1 1 1 1 1 1 4	District District OH NC LN HN HO Admin Admin CH RD RD HO	120,000 250,000 20,000 68,700 0 24,000 0 220,000 366,553	200,000 100,000 50,000 150,000			•	•				
Repl. critical ntwrk switches/routers Disaster Recovery buildout Removal of portable classrooms (2) Installation of portabe classrms (2) Restore flex spaces Water main replacement Sidewalk improvements Frt entrance repairs/ADA w/ design HVAC replacement - Board Room Frt entrance security improvement Baseball/softball lighting repl. Baseball field grade improvements 4 classroom addition (1,000 sq ft ea) 4 classroom addition (1,000 sq ft ea)	2500 2500 4000 4000 4000 4000 4000 4000	9 9 9 9 9 10 10 9 6 5 8 7 8	9 9 9 9 9 10 10 10 10 10 10 7 7	9 9 9 9 9 7 10 10 9 10 7 10 7	9 9 9 9 9 10 9.66667 8.33333 8.33333 8.33333 8.33333 8.33333	1 1 1 1 2 1 1 1 1 1 1 1 4 4	District District District OH NC LN HN HO Admin Admin CH RD HO PT	120,000 250,000 20,000 68,700 0 24,000 0 0 220,000 366,553 665,300	200,000 100,000 50,000 150,000 130,000 180,000			•	•				

Large Document and Long Process (we will breakdown this document!)



Process Utilized

- First Determined Annual Expenditures (examples):
 - School Bus Rotation (\$200,00-\$300,000)
 - Roof and Masonry Repair (\$325,000)
 - Student Technology Devices (\$370,000)
 - Staff Devices (\$540,000—every 3rd year)
 - Maintenance and Grounds Vehicle/Equipment (\$120,000)
 - Technology Network Equipment/Security Camera's (\$250,000)
- Projected Annual Cost Increase and Annual Revenue Increase



Annual Projected Revenue and Balance

		Fy18	Fy19	Fy20	Fy21	Fy22	Fy23
		Rev. updated	d 3-3-17				
		Cash Bal upd	lated 7-12-17	7			
Estimated balance forward		4,040,416	2,790,475	2,272,421	1,643,762	1,080,686	1,305,808
Projected revenue (Assumes 2% annu	ual increase)	3,401,712	3,469,746	3,539,141	3,609,924	3,682,122	3,755,764
Projects - Annual	Function						
School Bus rotation	2700	200,000	300,000	200,000	306,000	204,000	312,000
Maint./grounds vehicle rotation	2600	120,000	120,000	120,000	122,000	124,000	126,000
Equipment (other than technology)	1000	120,000	120,000	120,000	122,000	124,000	126,000
Roof/masonary walls (incl. design)	4000	325,000	325,000	325,000	328,000	331,000	334,000
Sidewalk/parking lot maintenance	4000	30,000	30,000	30,000	31,000	32,000	33,000
Grounds/building maintenance	4000	100,000	100,000	100,000	102,000	104,000	106,000
Technology ntwrk equip	2500 Servers/switches/routers e	tc 100,000	100,000	150,000	152,000	154,000	156,000
Student/staff technology	1000 Chromebooks-900/yr	270,000	270,000	270,000	272,000	274,000	276,000
75.0	1000 Tablets-200/yr	100,000	100,000	100,000	102,000	104,000	106,000
	1000 Staff devices-600 every 3rd	yr	540,000		,	544,000	
Classroom display/audio equipment	1000	100,000	100,000	100,000	102,000	104,000	106,000
Technology & software maintenance	2500 (see maintenance tab)	120,000	120,000	120,000	122,000	124,000	126,000
Building security equipment (camera	2600	30,000	30,000	30,000	32,000	34,000	36,000
Annual project sub-total		1,615,000	2,255,000	1,665,000	1,793,000	2,257,000	1,843,000

Process Utilized

- Weighted System to Determine and Factor Importance
 - Educational Improvement/Enhancement
 - Safety Improvement/Enhancement
 - Efficiency Improvement/Enhancement
- This Allowed a Prioritization
- Projects Were Assigned a Year of Completion Based On:
 - Weighting
 - Budget



View of the Weighting Process

		Educate. Improve.	Safety	Efficiency	Weight	Year	Building			
New High School		10	10	10	10		1	Other sources of funding		
Upgrade/replace system servers	2500	9	9	9	9	1	District	120,000	7111	
Repl. critical ntwrk switches/routers	2500	9	9	9	9	1	District	250,000	200,000	
Disaster Recovery buildout	2500	9	9	9	9	1	District		100,000	
Removal of portable classrooms (2)	4000	9	9	9	9	1	ОН	20,000		
Installation of portabe classrms (2)	4000	9	9	9	9	1	NC	68,700		
Restore flex spaces	4000	10	10	7	9	2	LN		50,000	
Water main replacement	4000	10	10	10	10	1	HN	0	150,000	
Sidewalk improvements	4000	9	10	10	9.66667	1	НО	24,000		
Frt entrance security improvement	4000	8	10	7	8.33333	1	CH	220,000		
Baseball/softball lighting repl.	4000	7	8	10	8.33333	1	RD	366,553		

Upcoming Projects Summer 2018

- Telephone System Replacement
- Portable Placement at High School (from Southdale)
- Resurface Track
- Disaster Recovery Buildout and Switches/Routers
- Playground Equipment/Resurfacing
- Water Main Replacement at Hansen Elem.
- Flex Spaces at Lincoln



Upcoming Projects Summer 2019

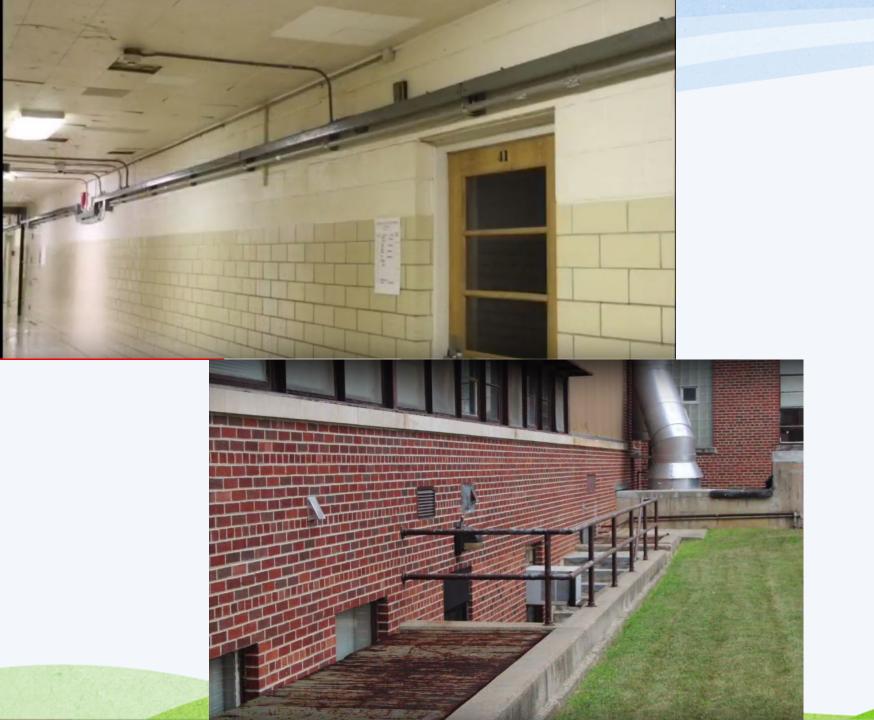
- Central Services Ventilation/Equipment
- Bus Garage Addition/Renovation/Relocation
- Fencing
- Playground Equipment/Resurfacing



Upcoming Projects Summers 2020-2026 (Larger Projects)

- Bus Garage Addition/Renovation/Relocation
- Classroom Additions at Peet and Holmes
- Swimming Pool Replacement
- Carpet Replacement
- Hansen Classrooms Remodel (Original Sections)
- Holmes Parking Lot Expansion





High School was on the top of the Plan

- Educational Opportunity
- Growth
- Safety Security
- Economic Growth



