

Summary of Changes from the August 22, 2018 Long Range Facilities Plan Waterfall Schedule to the June 11, 2019 Long Range Facilities Plan Waterfall Schedule

		Project	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	Comment
1		District Wide Security and Safety Infrastructure	335,000											
2		FWHS Tennis Courts	325,000											
3		FWHS Turf Field	750,000											
4		Holland Hill Addition & Renovation	17,250,000											
5		Holland Hill Addition & Renovation	50,500											
6		FWHS LMC HVAC Replacement	250,000											
7		Tomlinson - Roof	856,250											
			19,816,750											
8		District Wide IT Switch Replacement Project Phase I		972,995										
9		District Wide Security and Safety Infrastructure		345,250										
10		FLHS - Parking Lot		275,000										
11		Mill Hill Addition & Renovation		1,500,000										
12		Secondary Schools - IT CAT 6 Project		200,000										
13		Sherman Renovation		3,000,000										
14		Sherman Renovation		200,000										
				6,493,245										
15		District Wide IT Server Network Isolated Communication HVAC Controls			275,000									
16		District Wide IT Switch Replacement Projects-Phase II			581,755									
17		District Wide Security & Safety Infrastructure Phase 5			350,000									
18		Dwight - HVAC BMS controls upgrades			200,000									
19		FLHS Tennis Courts			550,000									
20		FWHS Fitts House HVAC RTU Replacement			300,000									
21		Mill Hill Addition & Renovation			18,720,000									
22	Cost Increase	Mill Hill Addition & Renovation			3,280,600									
23		Stratfield Roof Project			85,000									
24	Moved/Cost Increase	Stratfield Roof Project			(85,000)	125,000								
25	New	Tomlinson Flooring Project			440,000									
26		WFC			200,000									
27	Removed	WFC			(200,000)									Incorporated into the "New" FWHS WFC project
					24,697,355									
28	New	ECC Program - location 1 to be determined				250,000								
29		FLHS Renovated Student Bathrooms												
30		FWHS - Cafeteria AC				1,000,000								
31	New	Walter Fitzgerald Campus Project				250,000								
32	New	ECC Program - location 2 to be determined				250,000								
33		Jennings HVAC BMS Control Upgrades				200,000								
34		RLMS Cooling Towers - Replacement Project				300,000								
35		FLHS Renovated Student Bathrooms				1,125,000								
36	Moved	FLHS Renovated Student Bathrooms				(1,125,000)		1,125,000						Moved to 2022-2023
						2,375,000								
37		FWHS Fitts House HVAC RTU Replacement					250,000							Two of four RTUs on Fitts House
38		FWMS Renovate Student Bathrooms					1,447,031							
39		Jennings Addition & Renovation					3,053,320							
40		Osborn Hill BMS Control Upgrades					200,000							
41		North Stratfield Roof Project					1,815,510							
42	Moved	North Stratfield Roof Project					(1,815,510)				1,815,510			Moved to 2025-2026
43		Osborn Hill Roof Project							1,409,046					
44	Moved	Osborn Hill Roof Project					1,409,046		(1,409,046)					Moved to 2021-2022
							6,359,397							
45		Burr Roof Project								650,000				
46	Moved	Burr Roof Project							650,000	(650,000)				Moved to 2022-2023
47		FLHS Emergency Generator Replacement					250,000							
48		FWHS New Windows					3,150,000							
49		North Stratfield HVAC BMS Control Upgrades					200,000							
50	New	Sherman Renovate and Upgrade Phase IV							3,000,000					
51		Stratfield Front Façade							351,775					

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52	Stratfield Front Retaining Wall						250,000						
53	Sherman Roof Project						1,381,242						
54	Removed Sherman Roof Project						(1,381,242)						
55	Osborn Hill Renovate Student Bathrooms						364,652						Incorporated into the phase IV Renovation and Addition
56	Moved Osborn Hill Renovate Student Bathrooms						(364,652)		364,652				Moved to 2024-2025
							8,976,775						
57	Dwight - Renovation							5,681,640					
58	FWMS Renovate Student Bathrooms							984,970					
59	FWHS Replace Boiler Burners							250,000					
60	Tomlinson New Windows							825,000					
61	Sherman HVAC BMS Control Upgrades							200,000					
62	Removed Sherman HVAC BMS Control Upgrades							(200,000)					Incorporated into the phase IV Renovation and Addition
								7,741,610					
63	Mill Hill Roof Project								1,028,075				
64	District Wide - Underground Oil Tank								500,000				
65	FWHS Fitts House HVAC RTU Replacement								250,000				Three of Four RTUs on Fitts House
66	Mill Hill HVAC BMS Control Upgrades								200,000				
67	North Stratfield New Acoustical Ceiling & Lights								335,024				
									2,677,751				
68	FWMS Elevator Replacement Project									200,000			
69	FWMS New Windows									825,000			
70	Tomlinson - New Acoustical Ceiling & Lights									668,528			
71	Tomlinson HVAC BMS Control Upgrades									350,000			
										3,859,038			
72	Stratfield HVAC BMS Control Upgrades										250,000		
73	FWHS Fitts House HVAC RTU Replacement										250,000		Four of Four RTUs on Fitts House
74	RLMS Fire Alarm Replacement										265,000		
											765,000		
75	FWMS HVAC BMS Control Upgrades											350,000	
76	FWMS Renovate Student Bathrooms											523,515	
												873,515	
	2018-2019 Long Range Facilities Plan Waterfall Schedule August 22, 2018	19,816,750	6,493,245	21,261,755	2,625,000	6,765,861	5,947,669	9,350,656	2,963,099	2,043,528	765,000	873,515	
	Cost Increase	0	0	3,720,600	875,000	1,409,046	4,775,000	0	364,652	1,815,510	0	0	
	Cost Decrease	0	0	(285,000)	(1,125,000)	(1,815,510)	(1,745,894)	(1,609,046)	(650,000)	0	0	0	
	2018-2019 Long Range Facilities Plan Waterfall Schedule May 20, 2019	19,816,750	6,493,245	24,697,355	2,375,000	6,359,397	8,976,775	7,741,610	2,677,751	3,859,038	765,000	873,515	
	Net change 8-22-2018 to May 20, 2019 Long Range Facilities Plan Waterfall Schedule	0	0	3,435,600	(250,000)	(406,464)	3,029,106	(1,609,046)	(285,348)	1,815,510	0	0	

Legend: Green = Savings (cost decrease)

Red= Increase (cost increase)

	School	Project	2016-2017	SDSC Grant Reimbursement	School	Project	2017-2018	SDSC Grant Reimbursement	School	Project	2018-2019	SDSC Grant Reimbursement	School	Project	2019-2020	SDSC Grant Reimbursement	School	Project	2020-2021	SDSC Grant Reimbursement	School	Project	2021-2022	SDSC Grant Reimbursement				
1	District wide	*Security and Safety Infrastructure	2,020,692		District wide	*Security and Safety Infrastructure	\$ 335,000		District wide	*Security and Safety Infrastructure	\$ 345,250		District wide	*IT Switch Replacement Project - Phase II	\$ 581,755		Location 1 - TBD	*ECC Program Project	250,000		FWHS	*Renovate Student Bathrooms	\$ 1,447,031					
2	Dwight	*Playground retaining wall and stairs	55,500		FWHS	*Artificial Turf Field	750,000		District wide	*IT Switch Replacement Project - Phase I	972,995		District wide	*IT Server network isolated communication HVAC Controls	275,000		FWHS	*New A/C for Cafeteria	1,000,000		FWHS	*Fitts House HVAC RTU Replacement 40 Ton #2	250,000					
3	FLHS	Windows	3,907,674		FWHS	*LMC HVAC Replacement	250,000		FLHS	*Student Parking Lot	275,000		District wide	*Security and Safety Infrastructure-Phase 5	350,000		Location 2 - TBD	*ECC Program Project	250,000		Jennings	Addition and Renovation	\$ 3,053,320					
4	FLHS	*Boilers	594,950		FWHS	*Blake Tennis Courts Replacement	325,000		Mill Hill	Project team initial fundng	1,500,000		Dwight	*HVAC BMS Controls upgrades	200,000		WFC	*WFC Program Project	250,000		Osborn Hill	*HVAC BMS Controls upgrades	200,000					
5	FWMS	Roof project	2,287,000		Holland Hill	Addition and Renovation	17,300,500		Secondary Schools	*I.T. CAT 6-Electrical Project	200,000		FLHS	*Tennis Courts Replacement	550,000		Jennings	*HVAC BMS Controls upgrades	200,000		Osborn Hill	Roof Project	1,409,046					
6	Holland Hill	Project team initial funding and temporary (portable) classrooms	1,240,000		Tomlinson	*Roof Project	856,250	\$ 226,307	Sherman	Renovate and Upgrade Phase III	3,200,000		FWHS	*Fitts House HVAC RTU Replacement 40 Ton #1	300,000		RLMS	*Cooling Towers Replacement	300,000									
7													Mill Hill	Addition and Renovation	\$ 22,000,600		Stratfield	*Roof Project	125,000	\$ 31,700								
8													TMS	*Flooring Replacement Project	440,000													
			\$ 10,105,816	\$ -	TOTAL			\$ 19,816,750	\$ 226,307	TOTAL			\$ 6,493,245	TOTAL			\$ 24,697,355	\$ -	TOTAL			\$ 2,375,000	\$ 31,700	TOTAL			\$ 6,359,397	\$ -
2016-2017 Detail				2017-2018 Detail				2018-2019 Detail				2019-2020 Detail				2020-2021 Detail				2021-2022 Detail								
School	Project	2016-2017	SDSC Grant Reimbursement	School	Project	2017-2018	SDSC Grant Reimbursement	School	Project	2018-2019	SDSC Grant Reimbursement	School	Project	2019-2020	SDSC Grant Reimbursement	School	Project	2020-2021	SDSC Grant Reimbursement	School	Project	2021-2022	SDSC Grant Reimbursement					
9	Riverfield (last payment)	Addition and Renovations	2,000,000	528,600																		Addition and Renovations						
10	FLHS	Windows	500,000	132,150		2,000,000	528,600			1,407,674	372,048											Renovate and Upgrade Phase III						
11	Sherman	Renovate and Upgrade Phase III								250,000	66,075				1,475,000	374,060			1,475,000	374,060			Renovate and Upgrade Phase IV					
12	Sherman	Renovate and Upgrade Phase IV																				Renovate and Upgrade Phase IV						
13	Holland Hill	Addition and Renovations	1,240,000	327,732		6,760,000	1,786,668			6,250,000	1,651,875				3,000,000	760,800			1,290,500	327,271			Addition and Renovations					
14	Mill Hill	Addition and Renovations								\$ 1,500,000	396,450				10,000,000	2,536,000			10,000,000	2,536,000			Addition and Renovations	2,000,600	507,352			
15	N. Stratfield	Roof Project																				Roof Project						
16	FWMS	Roof Project	250,000	66,075		1,500,000	396,450			537,000	141,929											Roof Project						
17	FWHS	New Windows																				New Windows						
18	Jennings	Addition and Renovations																				Addition and Renovations	300,000	76,080				
19	Osborn Hill	Roof Project																				Roof Project	1,409,046	357,334				
20	Dwight	Addition and Renovations																				Addition and Renovations						
21	Mill Hill	Roof Project																				Roof Project						
22	Capital Projects		\$ 3,990,000		Capital Projects		\$ 10,260,000		Capital Projects		\$ 9,944,674		Capital Projects		\$ 14,475,000		Capital Projects		\$ 12,765,500		Capital Projects		\$ 3,709,646					
23	SDE,BSF Grant Reimbursement			\$ 1,054,557	SDE,BSF Grant Reimbursement			\$ 2,711,718	SDE,BSF Grant Reimbursement			\$ 2,628,377	SDE,BSF Grant Reimbursement			\$ 3,670,860	SDE,BSF Grant Reimbursement			\$ 3,237,331	SDE,BSF Grant Reimbursement			\$ 940,766				
24	Non-Recurring Projects (1 year)		\$ 2,671,142		Recurring Projects (1 year)		\$ 2,516,250		Recurring Projects (1 year)		\$ 1,793,245		Recurring Projects (1 year)		\$ 2,696,755		Recurring Projects (1 year)		\$ 2,375,000		Recurring Projects (1 year)		\$ 1,897,031					
25	GROSS CASH FLOW PER YEAR		\$ 6,661,142	\$ 6,661,142	GROSS CASH FLOW PER YEAR		\$ 12,776,250	\$ 12,776,250	GROSS CASH FLOW PER YEAR		\$ 11,737,919	\$ 11,737,919	GROSS CASH FLOW PER YEAR		\$ 17,171,755	\$ 17,171,755	GROSS CASH FLOW PER YEAR		\$ 15,140,500	\$ 15,140,500	GROSS CASH FLOW PER YEAR		\$ 5,606,677	\$ 5,606,677				
26	SDE,BSF Grant Reimbursement			\$ (1,054,557)	SDE,BSF Grant Reimbursement			\$ (2,938,025)	SDE,BSF Grant Reimbursement			\$ (2,628,377)	SDE,BSF Grant Reimbursement			\$ (3,670,861)	SDE,BSF Grant Reimbursement			\$ (3,269,031)	SDE,BSF Grant Reimbursement			\$ (940,766)				
27	NET CASH FLOW PER YEAR		\$ 5,606,585		NET CASH FLOW PER YEAR		\$ 9,838,225		NET CASH FLOW PER YEAR		\$ 9,109,542		NET CASH FLOW PER YEAR		\$ 13,500,894		NET CASH FLOW PER YEAR		\$ 11,871,469		NET CASH FLOW PER YEAR		\$ 4,665,911					

Leased property costs have not been determined or included in this long term plan
Prior to 2019-2020 Estimated SDSC Grant for Fairfield is 26.43%
2019-2020 and beyond Estimated SDSC Grant for Fairfield is 25.36%
*Non-Recurring Projects (1 year)

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*Non-Recurring Projects (1 year)

	School	Project	2022-2023	SDSC Grant Reimbursement	School	Project	2023-2024	SDSC Grant Reimbursement	School	Project	2024-2025	SDSC Grant Reimbursement	School	Project	2025-2026	SDSC Grant Reimbursement	School	Project	2026-2027	SDSC Grant Reimbursement	School	Project	2027-2028	SDSC Grant Reimbursement					
28	Burr	*Roof Project	\$ 650,000		Dwight	Renovation Project	\$ 5,681,640		District wide	*Underground oil tank replacements	500,000		FWMS	*New Windows	\$ 825,000	\$ 209,220	FWHS	*Fitts House HVAC RTU Replacement 30 Ton #2	\$ 250,000		FWMS	*HVAC BMS Controls upgrades	\$ 350,000						
29	FLHS	*Emergency Generator Replacement	\$ 250,000		FWHS	*Replace Boiler Burners	250,000		FWHS	*Fitts House HVAC RTU Replacement 30 Ton #1	250,000		FWMS	*Elevator Replacement Project	200,000		RLMS	*Fire Alarm Replacement	265,000		FWMS	*Renovate Student Bathrooms	523,515						
30	FLHS	*Renovate Student Bathrooms	\$ 1,125,000		FWMS	*Renovate Student Bathrooms	984,970		Mill Hill	*HVAC BMS Controls upgrades	200,000		N. Stratfield	Roof Project	1,815,510		Stratfield	*HVAC BMS Controls upgrades	250,000										
31	FWHS	New Windows	3,150,000		TMS	*New Windows	825,000	209,220	Mill Hill	Roof Project	1,028,075		TMS	*New Accoustical Ceiling & Lights	668,528														
32	North Stratfield	*HVAC BMS Controls upgrades	200,000						N. Stratfield	Acoustical Ceiling & Lights	335,024		TMS	*HVAC BMS Controls upgrades	350,000														
33	Sherman	Renovate and Upgrade Phase IV	3,000,000						Osborn Hill	*Renovate Student Bathrooms	364,652																		
34	Stratfield	*Front Façade	351,775																										
35	Stratfield	*Front Retaining Wall	250,000																										
	TOTAL		\$ 8,976,775	\$ -	TOTAL		\$ 7,741,610	\$ 209,220			\$ 2,677,751	\$ -			\$ 3,859,038	\$ 209,220			\$ 765,000	\$ -			\$ 873,515	\$ -					
2022-2023 Detail					2023-2024 Detail					2024-2025 Detail					2025-2026 Detail					2026-2027 Detail					2027-2028 Detail				
	School	Project	2022-2023	SDSC Grant Reimbursement			2023-2024	SDSC Grant Reimbursement			2024-2025	SDSC Grant Reimbursement			2025-2026	SDSC Grant Reimbursement			2026-2027	SDSC Grant Reimbursement			2027-2028	SDSC Grant Reimbursement	Project Totals				
36	Riverfield																		Addition and Renovations						2,000,000				
37	FLHS																		Windows						3,907,674				
38	Sherman																		Renovate and Upgrade Phase III						3,200,000				
39	Sherman		250,000	63,400		1,375,000	348,700			1,375,000	348,700							Renovate and Upgrade Phase IV						3,000,000					
40	Holland Hill																		Addition and Renovations						18,540,500				
41	Mill Hill																		Addition and Renovations						23,500,600				
42	N. Stratfield													1,815,510	460,413				Roof Project						1,815,510				
43	FWMS																		Roof Project						2,287,000				
44	FWHS		150,000	38,040		1,500,000	380,400			1,500,000	380,400								New Windows Addition and Renovations						3,150,000				
45	Jennings		2,000,000	507,200		753,320	191,042																		3,053,320				
46	Osborn Hill																								1,409,046				
47	Dwight					550,000	139,480			3,500,000	887,600			1,631,640	413,784				Roof Project Addition and Renovations						5,681,640				
48	Mill Hill									1,028,075	260,720								Roof Project						1,028,075				
49	Capital Projects		\$ 2,400,000		Capital Projects	\$ 4,178,320		Capital Projects	\$ 7,403,075		Capital Projects	\$ 3,447,150	Capital Projects	\$ 874,197	Capital Projects	\$ -	\$ -	Capital Projects					Capital Projects	\$ 72,573,365					
50	SDE,BSF Grant Reimbursement			\$ 608,640	SDE,BSF Grant Reimbursement		\$ 1,059,622	SDE,BSF Grant Reimbursement		\$ 1,877,420	SDE,BSF Grant Reimbursement		\$ 874,197	SDE,BSF Grant Reimbursement		\$ -	\$ -	SDE,BSF Grant Reimbursement					SDE,BSF Grant Reimbursement		\$ -				
51	Recurring Projects (1)		\$ 2,826,775		Recurring Projects (1)	\$ 2,059,970		Recurring Projects (1)	\$ 1,649,676		Recurring Projects (1)	\$ 2,043,528	Recurring Projects (1)	\$ 765,000				Recurring Projects (1)	\$ 873,515				Recurring Projects (1)	\$ 24,167,887					
52	GROSS CASH FLOW PER YEAR		\$ 5,226,775	\$ 5,226,775	GROSS CASH FLOW PER YEAR	\$ 6,238,290	\$ 6,238,290	GROSS CASH FLOW PER YEAR	\$ 9,052,751	\$ 9,052,751	GROSS CASH FLOW PER YEAR	\$ 5,490,678	\$ 5,490,678	GROSS CASH FLOW PER YEAR	\$ 765,000	\$ 765,000	GROSS CASH FLOW PER YEAR	\$ 873,515	\$ 96,741,252										
53	SDE,BSF Grant Reimbursement			\$ (608,640)	SDE,BSF Grant Reimbursement		\$ (1,268,842)	SDE,BSF Grant Reimbursement		\$ (1,877,420)	SDE,BSF Grant Reimbursement		\$ (1,083,417)	SDE,BSF Grant Reimbursement		\$ -	\$ -	SDE,BSF Grant Reimbursement					SDE,BSF Grant Reimbursement		\$ (19,339,936)				
54	NET CASH FLOW PER YEAR		\$ 4,618,135		NET CASH FLOW PER YEAR	\$ 4,969,448		NET CASH FLOW PER YEAR	\$ 7,175,331		NET CASH FLOW PER YEAR	\$ 4,407,261		NET CASH FLOW PER YEAR	\$ 765,000	\$ 765,000	NET CASH FLOW PER YEAR	\$ 873,515	\$ 77,401,316										

ng term plan

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