Libertyville SD70 Facilities Capital Planning





April 3, 2019 - DRAFT

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Libertyville SD70 – Facilities Capital Planning

April 3, 2019 - DRAFT

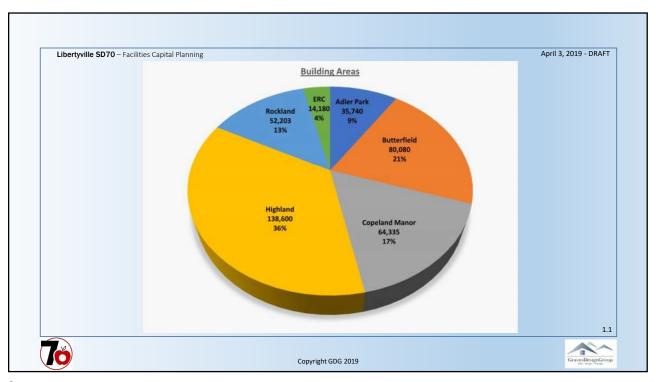
Facilities Capital Plan Objectives:

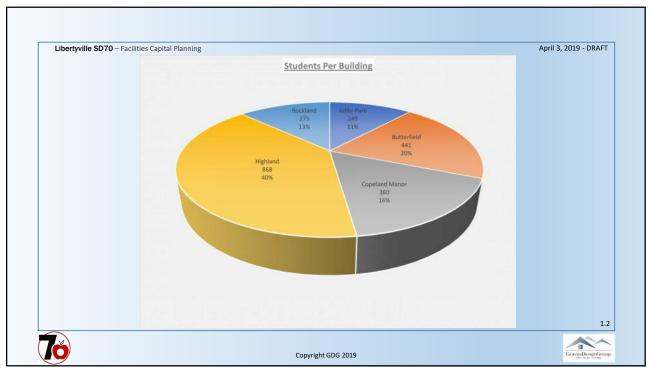
- 1. Establish a Baseline of Equipment, Infrastructure and Components
- 2. Identify Anticipated Remaining Life
- 3. Develop Replacement Budget
- 4. Develop Replacement Plan



GravesDesignGroup

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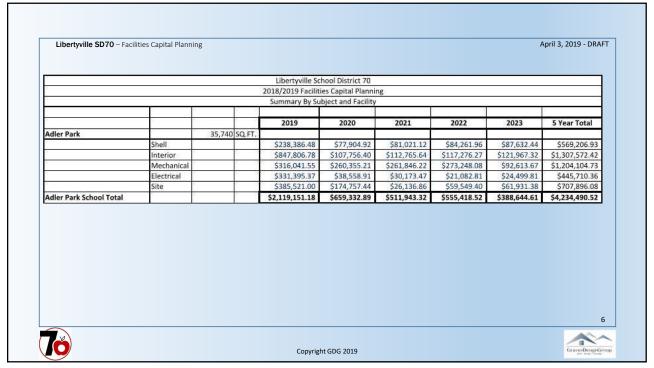
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Libertyville School	District 70							
Adler Park School								
Facility Capital Plan	n							
Facility Replaceme								
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18.70.001	-			2019	2020	2021	2022	2023
Item	Description	Area Served/Location	Remaining Life	2019	2020	2021	2022	202
Roof - 1959	EPDM	1959 Original Building	12	\$28,585,33	\$29,728,75	\$30.917.90	\$32,154.61	\$33,440.8
Roof - 1959	TPO	1959 Original Building - South F	12	\$2,258.67	\$2,349.01	\$2,442.97	\$2,540.69	\$2,642.3
Roof - 1959	TPO	1959 Multi-Purpose	12	\$5,012.33	\$5,212.83	\$5,421.34	\$5,638.19	\$5.863.7
Roof - 1990 (southwest a		1990 Southwest addition	- 0	\$53,700.00	\$2,792.40	\$2,904.10	\$3,020.26	\$3,141.0
Roof - 1990 (north addition		1990 North Addition	12	\$9,102.50	\$9,466.60	\$9,845,26	\$10,239.07	\$10,648,6
Roof - 1994 Addition	Asphalt Shingle	1994 Addition - Learning Cente		\$31,152.00	\$1,619.90	\$1,684.70	\$1,752.09	\$1,822.1
Roof - 1994 Addition	EPDM	1994 Addition - Classrooms	8	\$87,230.00	\$4,535.96	\$4,717.40	\$4,906.09	\$5,102.3
Roof - 2008 Addition	EPDM	2008 Front/Front Office Addition	9	\$1,327.33	\$1,380.43	\$1,435.64	\$1,493.07	\$1,552.7
Windows		1959 Original	29	\$7,844.83	\$8,158.62	\$8,484.97	\$8,824.36	\$9,177.3
Windows		1990 Addition	29	\$2,262.93	\$2,353.45	\$2,447.59	\$2,545.49	\$2,647.3
Windows		1994 Addition	15	\$5,000.00	\$5,200.00	\$5,408.00	\$5,624.32	\$5,849.2
Windows		2008 Addition	29	\$1,293.10	\$1,344.83	\$1,398.62	\$1,454.57	\$1,512.7
H.M. and Storefront Entr	ies*	1959 Original	29	\$1,344.83	\$1,398.62	\$1,454.57	\$1,512.75	\$1,573.2
H.M. and Storefront Entr		1990 Addition	11	\$1,181.82	\$1,229.09	\$1,278,25	\$1,329.38	\$1,382,56
H.M. and Storefront Entr	ies	1994 Addition	15	\$866.67	\$901.33	\$937.39	\$974.88	\$1,013.8
H.M. and Storefront Entr	ies	2008 Addition	29	\$224.14	\$233.10	\$242.43	\$252.12	\$262.2
Door and Hardware*		1959 Classrooms and Corridors	19	\$6,631.58	\$6,896.84	\$7,172.72	\$7,459.62	\$7,758.0
Door and Hardware*		1990 Classrooms and Corridon	19	\$1,263.16	\$1,313.68	\$1,366.23	\$1,420.88	\$1,477.7
Door and Hardware*		1994 Classrooms and Corridors	19	\$1,263.16	\$1,313.68	\$1,366.23	\$1,420.88	\$1,477.7
		2008 Classrooms and Corridors	19	\$1,263.16	\$1,313.68	\$1,366.23	\$1,420.88	\$1,477.7

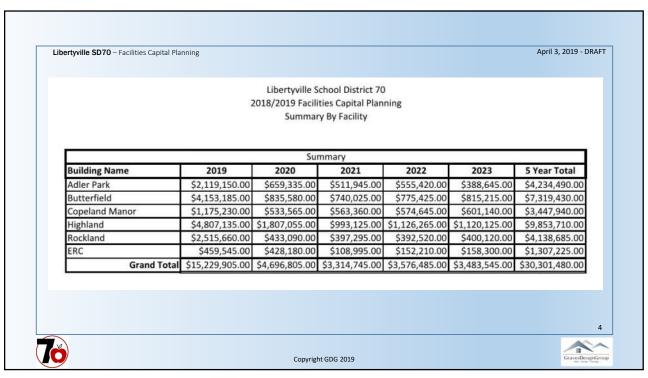
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t Budget							
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			2019	2020	2021	2022	2023
Description	Area Served/Location	Remaining Life			-	2.00	11 1200 150
Vinyl Tile	1959 Corridor (North + Main)	18	\$1,412.00	\$1,468.48	\$1,527.22	\$1,588.31	\$1,651.84
Carpet	1959 Corridor (South)	9					\$1,535.63
VCT		18					\$1,137.36
		- 4					\$478.71
	1959 Bathrooms (South - part of	5					\$1,055.21
							\$478.71
							\$15,578.54
							\$1,594.26
							\$291.16
							\$1,994.92
							\$904.69
							\$428.95
							\$4,682.68
							\$756.02
							\$1,715.79
							\$689,53
							\$1,715.79
							\$1,158.16 \$272.97
							\$272.97
							\$893.64
Carpet/VC1 Ceramic Tile	2008 Lounge 2008 Lounge	19	\$763.89	\$60.21	\$62.62	\$65.12	\$67.73
				\$60.21	302.02	\$65.12	\$67.73
110000000000000000000000000000000000000	Description /inyl Tile Jarpet	Description	Area Served/Location	Description	Area Served/Location Remaining Life 2019 2020	Description	Description

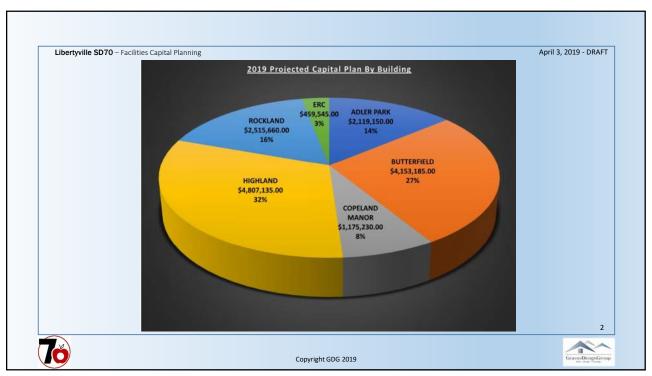
Libertyville SD7	0 – Facilities Capital Planning						April	3, 2019 - DRA
Libertyville School	District 70						- 3	
Adler Park School				2 3		- 10	- 12	
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				2019	2020	2021	2022	2023
tem	Description	Area Served/Location	Remaining Life					
Suspended Ceilings*		1959 Corridors	-8	\$160,000.00	\$8,320.00	\$8,652.80	\$8,998.91	\$9,358.87
Suspended Ceilings*		1959 Classroom	13	\$12,307.69	\$12,800.00	\$13,312.00	\$13,844.48	\$14,398.26
Suspended Ceilings*		1990 Classrooms and Corridor 1994 Classrooms and Corridor		\$54,200.00 \$47,400.00	\$2,818.40 \$2,464.80	\$2,931.14 \$2,563.39	\$3,048.38 \$2,665.93	\$3,170.32 \$2,772.56
Suspended Ceilings*		2008 Classrooms and Corridor						
Suspended Ceilings	-	2008 Classrooms and Corndor	9	\$1,848.89	\$1,922.84	\$1,999.76	\$2,079.75	\$2,162.94
Toilet Partitions*	Metal	1959 Bathrooms	- 44	\$22,800.00	\$1,185.60	\$1,233.02	\$1,282.34	\$1,333.64
Ollet Partitions	IVIDIAI.	1939 Batriloonis	-	322,000.00	91,100.00	91,233.02	-\$1,202.34	91,333.04
Student Lockers	Metal	1959 Corridors	- 4	\$63,375.00	\$3,295,50	\$3,427.32	\$3,564,41	\$3,706,99
Student Lockers	Metal	1990 Corridors		\$34,775.00	\$1,808.30	\$1,880.63	\$1,955.86	\$2,034,09
Student Lockers	Metal	1994 Corridors	1 3	\$17,225.00	\$895.70	\$931.53	\$968.79	\$1,007.54
Casework	Plastic Laminated	1959 Classrooms	-5	\$180,000.00	\$9,360.00	\$9,734.40	\$10,123.78	\$10,528.73
Casework	Plastic Laminated	1990 Classrooms		\$120,000.00	\$6,240.00	\$6,489.60	\$6,749.18	\$7,019.15
Casework	Plastic Laminated	1994 Classrooms	- 6	\$45,000.00	\$2,340.00	\$2,433.60	\$2,530.94	\$2,632.18
Casework	Plastic Laminated	2008 Front Office, Lounge and	9	\$8,333.33	\$8,666.67	\$9,013.33	\$9,373.87	\$9,748.82
	1	Committee of the Commit			200	0.000		
Cafeteria Tables*	Folding Tables	1959 Multi-Purpose	35	\$642.86	\$668.57	\$695.31	\$723.13	\$752.05
Mark and and				844.040.15	#49.500.CO	F45 000 CC	247.074.00	840.054.00
Mechanical	Unit Ventilators	Classrooms	13	\$41,846.15	\$43,520.00	\$45,260.80	\$47,071.23	\$48,954.08
Mechanical	Air Cooled Water Chiller	Building	13	\$3,846.15	\$4,000.00	\$4,160.00	\$4,326.40	\$4,499.46
mountainuai	rui oddied water Criller	Dulling	13	\$3,040.15	\$4,000.00	g-4,160.00	g-1,320.40	34,499.40
Mechanical	PTAC #1	1990 - Office 22	2	\$8,250.00	\$8,580.00	\$0.00	\$928.01	\$965.13
Mechanical	PTAC #2	1990 - Office 23	5	\$3,300.00	\$3,432.00	\$3,569.28	\$3,712.05	\$3,860.53
Mechanical	PTAC #3	1990 - Office 24	11	\$1,500.00	\$1,560.00	\$1,622,40	\$1,687.30	\$1,754.79

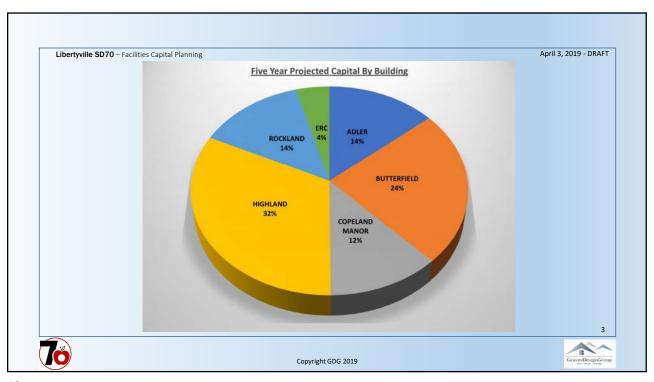
Libertyville SD	70 – Facilities Capital Planning							April 3, 2019 -	DRAFT
Libertyville School	District 70							9	
Adler Park School									
Facility Capital Pla	n							-	
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Item	Description	Area Served/Location	Remaining Life	2010	2020	2021	2022	2023	
Mechanical	Split System	1959 - Kitchen	The state of the s	\$20,000.00	\$1,386.67	\$1,442.13	\$1,499.82	\$1,559.81	
Mechanical	Split System	1990 - Conference Room	4	\$5,000.00	\$5,200.00	\$5,408.00	\$5,624.32	\$0.00	
Acres and					2000000000	Communication I		10 marganisas (1)	
Mechanical	RTU#1	1994 - Learning Center	8	\$7,500.00	\$7,800.00	\$8,112.00	\$8,436.48	\$8,773.94	
Mechanical	RTU#2	1994 - Computer Classroom	6	\$4,166.67	\$4,333.33	\$4,506.67	\$4,686.93	\$4,874.41	
	i kara					-			
Mechanical	VRF	2008 - Main Offices	4	\$18,750.00	\$19,500.00	\$20,280.00	\$21,091.20	\$0.00	
Mechanical	H.W. Boiler #1	Building/Boiler Room	4	\$56,250.00	\$58,500.00	\$60,840.00	\$63,273.60	\$0.00	
Mechanical	H.W. Boiler #2	Builing/Boiler Room	4	\$56,250.00	\$58,500.00	\$60.840.00	\$63,273.60	\$0.00	
Mechanical	HWP#1	Building/Boiler Room	748	\$15,000.00	\$1,560.00	\$1,622.40	\$1,687.30	\$1,754.79	
Mechanical	HWP#2	Building/Boiler Room		\$15,000.00	\$1,560.00	\$1,622,40	\$1,687.30	\$1,754.79	
Mechanical	HWP#3 (Single Pump)	Building/Boiler Room	- 3	\$15,000.00	\$1,560.00	\$1,622.40	\$1,687.30	\$1,754.79	
Electrical	Light Fixtures - LL Corridor	Building	15	\$632.80	\$658.11	\$684.44	\$711.81	\$740.29	
Electrical	Light Fixtures - First Floor Corridor	Building		\$32,598.00	\$1,695.10	\$1,762.90	\$1,833.42	\$1,906.75	
Electrical*	Light Fixtures - Classroom/Offices/Rooms	1050 Oddina	-	#100 F70 00	50 545 05	40.00	640 004 00	840 707 00	
Electrical*	Light Fixtures - Classroom/Offices/Rooms Light Fixtures - Classroom/Offices/Rooms	1959 Original 1990 Addition	- 10	\$183,576.00 \$20,958.00	\$9,545.95 \$1,089.82	\$1,133,41	\$10,324.90	\$10,737.90 \$1,225.89	
Electrical	Light Fixtures - Classroom/Offices/Rooms	1994 Addition	3	\$72,678.00	\$3,779.26	\$3.930.43	\$4,087.64	\$4,251.15	
Electrical	Light Fixtures - Classroom/Offices/Rooms	2008 Addition (includes front of	9	\$1,190.67	\$1,238.29	\$1,287.83	\$1,339.34	\$1,392.91	
DATE OF THE PARTY					200000000000000000000000000000000000000	- 64.5046-10	3V- S-15,63		
Electrical	Intercom/Paging*	Building	3	\$18,333.33	\$19,066.67	\$19,829.33	\$0.00	\$2,573.69	
Electrical	Fire Alarm Control Panel	Building	14	\$1,428.57	\$1,485.71	\$1,545.14	\$1,606.95	\$1,671.23	
Plumbing	Water Heater 1	1959 - boiler room	11	\$1,590.91	\$1,654.55	\$1,720.73	\$1,789.56	\$1,861.14	
Plumbing	Water Heater 2	1959 - kitchen	12	\$291.67	\$303.33	\$315.47	\$328.09	\$341.21	
Plumbing	Water Heater 3	1959 - classroom 12	-10	\$3,500.00	\$242.67	\$252.37	\$262.47	\$272.97	
Plumbing	Water Heater 4	1959 - classroom 13	-10	\$3,500.00	\$242.67	\$252.37	\$262.47	\$272.97	8.4
$\overline{}$	- Annual Community								

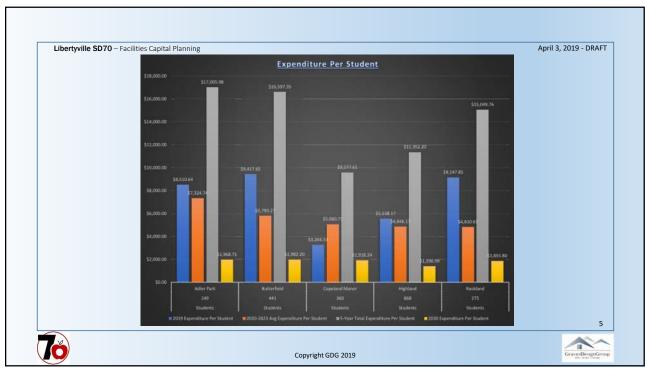
Libertyville SD7	0 – Facilities Capital Planning						April	3, 2019 - DRA
Libertyville School	District 70		"			1		
Adler Park School				N 25	- 0			- 25
Facility Capital Pla	n							
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2000				2019	2020	2021	2022	2023
Item	Description	Area Served/Location	Remaining Life	1		200000000000000000000000000000000000000		-
Plumbing	Storm Ejector Pump	1959 - boiler room	10	\$500.00	\$520.00	\$540.80	\$562.43	\$584.93
Plumbing	Storm Ejector Pump	1959 - storage room	5	\$1,000.00	\$1,040.00	\$1,081.60	\$1,124.86	\$1,169.86
Plumbing	Sanitary Lift Pump	Exterior - east of classroom 1 a	5	\$1,500.00	\$1,560.00	\$1,622.40	\$1,687.30	\$1,754.79
DI III	2.40.000 60.000	4000 0 4 0 0 4		800.000.00	600 000 00	### COD ##	200 to 2 00	00.00
Plumbing* Plumbing	Bathroom Fixtures Bathroom Fixtures	1959 Corridor Bathrooms (Nort 1959 Corridor Bathrooms (Sou		\$20,000.00 \$5,000.00	\$20,800.00 \$5,200.00	\$21,632.00 \$5.408.00	\$22,497.28 \$5.624.32	\$0.00 \$5.849.29
Plumbing*	Bathroom Fixtures	1959 Corridor Bathrooms (Sou		\$7,500.00	\$7,800.00	\$8,112.00	\$8,436,48	\$5,849.29
Plumbing	Bainroom Fixidres	1959 Corndor Bathrooms (Low	"	\$7,500.00	\$7,000.00	30,112.00	\$0,430.40	30.00
West Parking Lot	Pavement standard section, prep and base	Main Parking Area/Front Entrar	- 1	\$186,525.00	\$19,398.60	\$20,174.54	\$20,981.53	\$21,820.79
South Driveway	Pavement standard section, prep and base	Access Drive South of Building		\$55,125.00	\$5,733.00	\$5,962.32	\$6,200.81	\$6,448.85
East Paved Play*	Pavement standard section, prep and base	Paved Play Area	2		\$78,859.04	\$0.00	\$17,058.79	\$17,741.14
Bus Turn Around	Pavement heavy duty section, prep and base	East of Play Fields	2		\$70,766.80	\$0.00	\$15,308.27	\$15,920.61
								T. 2011/2011/2011
				\$2,119,151.18	\$659,332.89	\$511,943.32	\$555,418.52	\$388,644.61
NOTES:				2019	2020	2021	2022	2023
- Items with an ** are as	sumed Installed Date			2019	2020	2021	2022	2023
- "Expected Life" is an in	dustry standard based on factors including regul	ar maintenance and repairs, and	standard use and he	as been used for bu	dgeting purposes t	o establish a bas	eline. Expected life	e can be
shorter or longer. - Other items to be cons	4-4-3-4-4						-	
 Other items to be cons IT Equipment 	idered may include:	-						
	aptops, Chrome Books/I-Pads)	+	_	-				
Teacher, Student, Office				-				
Learning Center Furnitu								
Playgrounds	T	1	-					
Landscaping								
Landadaping	-	il.						

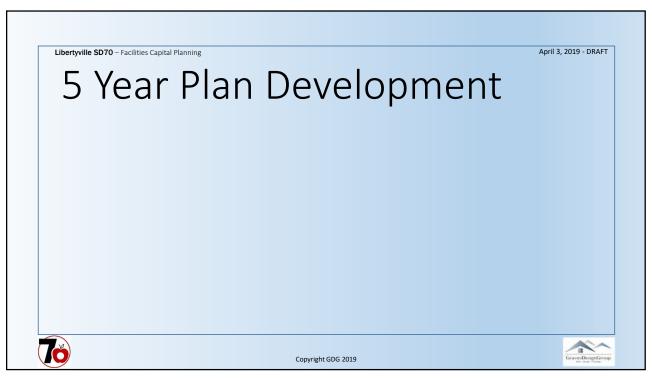


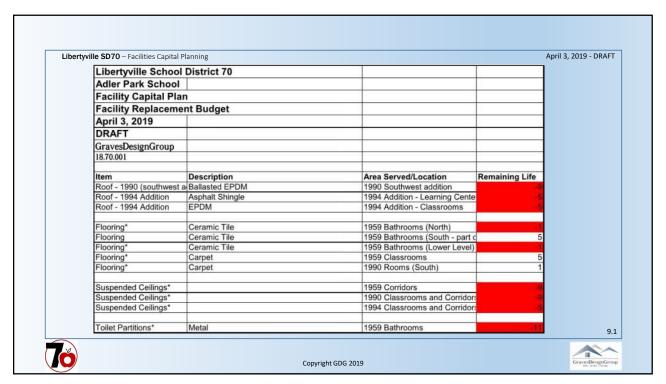






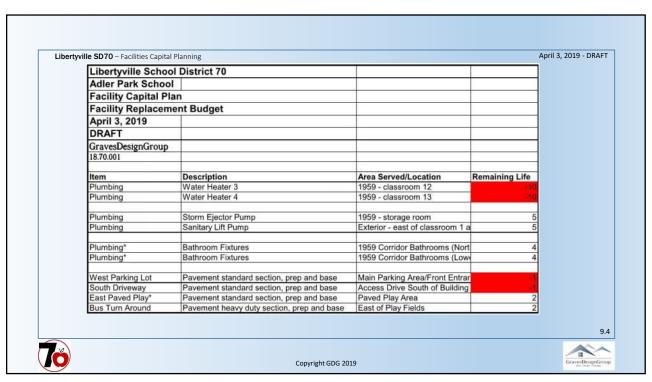






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Libertyville	School District 70		10	
Adler Park	School			
Facility Cap	pital Plan			
	placement Budget			
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Item	Description	Area Served/Location	Remaining Life	
Student Locke	ers Metal	1959 Corridors	-9	
Student Locke	ers Metal	1990 Corridors	-9	
Student Locke	ers Metal	1994 Corridors	-5	
Casework	Plastic Laminated	1959 Classrooms	-5	
Casework	Plastic Laminated	1990 Classrooms	-9	
Casework	Plastic Laminated	1994 Classrooms	-5	
Mechanical	PTAC #1	1990 - Office 22	2	
Mechanical	PTAC #2	1990 - Office 23	5	
Mechanical	Split System	1959 - Kitchen		
Mechanical		1999 - Kitchen 1990 - Conference Room	-4	
Mechanical	Split System	1990 - Conference Room	4	
Mechanical	VRF	2008 - Main Offices	4	

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Item	Description	Area Served/Location	Remaining Life	
Mechanical	H.W. Boiler #1	Building/Boiler Room	4	
Mechanical	H.W. Boiler #2	Builing/Boiler Room	4	
Mechanical	HWP#1	Building/Boiler Room	-18	
Mechanical	HWP#2	Building/Boiler Room	-2	
Mechanical	HWP#3 (Single Pump)	Building/Boiler Room	2	
Electrical	Light Fixtures - First Floor Corridor	Building	-8	
Electrical*	Light Fixtures - Classroom/Offices/Rooms	1959 Original	-19	
Electrical	Light Fixtures - Classroom/Offices/Rooms	1990 Addition	-9	
Electrical	Light Fixtures - Classroom/Offices/Rooms	1994 Addition	-6	
Electrical	Intercom/Paging*	Building	3	



	ties Capital Plannin	g					Apri	l 3, 2019 - DRAFT
				School District 70	T			
				lities Capital Plann s Beyond Useful L				
		T	Summary Item	s Beyona Oserui L	ire			
			2019	2020	2021	2022	2023	5 Year Total
Adler Park School		35,740 SQ.FT.	2020	2020	2022	2022	2023	o real rotal
Turci Fundanour	Shell	33,7 10 33,7 11	\$172,082.00	\$0.00	\$0.00	\$0.00	\$0.00	\$172,082.00
	Interior		\$796,470.60	\$14,787.34	\$15,378.84	\$15,993.99	\$16,633.75	\$859,264.52
	Mechanical		\$180,291,67	\$66,646.67	\$69,312.53	\$72,085.03	\$9,163.89	\$397,499.79
	Electrical		\$205,166.80	\$0.00	\$0.00	\$0.00	\$0.00	\$205,166.80
	Site		\$385,521.00	\$155,358.84	\$5,962.32	\$0.00	\$0.00	\$546,842.16
Adler Park School Total			\$1,739,532.07	\$236,792.85	\$90,653.69	\$88,079.03	\$25,797.64	\$2,180,855.28
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