

Raymond School District Capital Improvement Plan Needs Assessment and Bond Needs Assessment
September-18

8-1-18

Appropriation			Category	Balances	'18 - '19	'19 - '20	'20 - '21	'21 - '22	'22 - '23	'23 - '24	'24 - '25	'25 - '26	'26 - '27	'27 - '28	'28 - '29
'16 - '17	'17 - '18	'18 - '19													
			Equipment,	Begin of Year	454,904	494,935	502,359	864,236	1,051,552	1,339,858	1,594,251	1,826,445	1,984,675	1,846,258	2,049,232
205,000	156,232	202,544	Facilities	Appropriation	252,544	235,365	2,523,835	643,754	336,348	301,299	306,774	298,393	267,734	216,000	216,000
	50,000	50,000	Maintenance and	Expenditures	(219,337)	(235,365)	(2,169,493)	(469,402)	(63,814)	(67,004)	(98,494)	(167,560)	(435,921)	(40,720)	0
			Replacement CRF	Est Interest	6,824	7,424	7,535	12,964	15,773	20,098	23,914	27,397	29,770	27,694	30,738
				End of Year	494,935	502,359	864,236	1,051,552	1,339,858	1,594,251	1,826,445	1,984,675	1,846,258	2,049,232	2,295,970
			"maintaining, upgrading, replacing and repairing equipment and facilities"												
			(Board intends to present a separate warrant article transferring up to \$50,000 from 6/30/18 undesignated fund balance to Maintenance CRF) ???												
			Technology CRF	Begin of Year	53,991	55,428	56,259	81,903	109,782	144,779	139,326	126,766	114,017	138,077	173,498
0	13,768	13,142		Appropriation	13,142	75,000	74,800	35,650	33,350	33,350	33,350	33,350	33,350	33,350	33,350
				Expenditures	(12,515)	(75,000)	(50,000)	(9,000)	0	(40,975)	(48,000)	(48,000)	(11,000)	0	0
				Est Interest	810	831	844	1,229	1,647	2,172	2,090	1,901	1,710	2,071	2,602
				End of Year	55,428	56,259	81,903	109,782	144,779	139,326	126,766	114,017	138,077	173,498	209,450
			"enhance classroom benefits"												
			Food Service	Begin of Year	25,177	45,269	45,948	104,696	124,147	134,978	152,299	171,975	190,633	207,318	212,389
0	10,000	19,714	Equipment CRF	Appropriation	19,714	22,711	73,078	60,659	42,964	33,331	30,027	28,827	27,977	27,371	25,865
				Expenditures	0	(22,711)	(15,019)	(42,778)	(33,995)	(18,035)	(12,635)	(12,749)	(14,151)	(25,410)	(9,380)
				Est Interest	378	679	689	1,570	1,862	2,025	2,284	2,580	2,859	3,110	3,186
				End of Year	45,269	45,948	104,696	124,147	134,978	152,299	171,975	190,633	207,318	212,389	232,060
			"maintaining, upgrading, replacing and repairing food service equipment"												
			Textbook CRF	Begin of Year	15,395	0	0	0	0	0	0	0	0	0	0
9,000	34,000	0		Appropriation	0	0	0	0	0	0	0	0	0	0	0
				Expenditures	(15,395)	0	0	0	0	0	0	0	0	0	0
				Est Interest	0	-	0	0	0	0	0	0	0	0	0
				End of Year	0	0	0	0	0	0	0	0	0	0	0
			(Board intends to close Textbook CRF and budget future Textbook purchases in Operating Budget)												
			Combined Totals	Begin of Year	549,467	595,632	604,566	1,050,835	1,285,481	1,619,615	1,885,876	2,125,186	2,289,325	2,191,653	2,435,119
214,000	264,000	285,400	For Capital	Appropriation	285,400	333,076	2,671,713	740,063	412,662	367,980	370,151	360,570	329,061	276,721	275,215
			Reserve Funds	Expenditures	(247,247)	(333,076)	(2,234,512)	(521,180)	(97,809)	(126,014)	(159,129)	(228,309)	(461,072)	(66,130)	(9,380)
				Est Interest	8,012	8,934	9,068	15,763	19,282	24,295	28,288	31,878	34,339	32,875	36,526
				End of Year	595,632	604,566	1,050,835	1,285,481	1,619,615	1,885,876	2,125,186	2,289,325	2,191,653	2,435,119	2,737,480
Estimated Tax Effect based on valuation				\$926,503,661	0.31	0.36	2.88	0.80	0.45	0.40	0.40	0.39	0.36	0.30	0.30
Potential School District Bond Requirements					0	9,896,000	0	0	0	0	0	0	0	1,100,000	2,057,000

Raymond School District Capital Improvement Plan Needs Assessment and Bond Needs Assessment (Expenditures)
September-18

8-1-18

Maintenance Needs Assessment		'18 - '19	'19 - '20	'20 - '21	'21 - '22	'22 - '23	'23 - '24	'24 - '25	'25 - '26	'26 - '27	'27 - '28	'28 - '29
Air Conditioning / Energy Recovery Unit Systems	RHS		53,700	60,000								
	LRES			42,000								
Control Upgrades	RHS			368,750								
	IHGMS			49,210								
	LRES			210,238								
Boiler Upgrades	RHS			219,450								
	IHGMS								130,625			
	LRES			228,760								
Security / Safety Upgrades	RHS		35,000		30,388			35,177			40,720	
	RHS		20,000	250,000								
	IHGMS	23,054				31,907			36,935			
	LRES	16,000					33,502			38,781		
Bathroom Upgrades	RHS			22,050								
	IHGMS			67,803								
	LRES	70,283	78,800	85,450	89,700							
Flooring Upgrades	RHS							35,177				
	IHGMS					31,907	33,502					
	LRES											
Gymnasium Floors	RHS			19,100								
	IHGMS			13,230								
Gymnasium Bleacher Renovations	RHS		25,880									
	IHGMS		21,985									
Parking and Driveways	RHS											
	IHGMS				170,170							
Upgrade Lockers & Floors in Locker Rooms	RHS				48,620							
Chain Link Fences	IHGMS			45,202	24,309			28,140				
	LRES											
Roofing (RHS Roof is warranted until 2044)	RHS											
(IHGMS Roof is warranted until 2026)	IHGMS									397,140		
(LRES Roof was warranted until 2014)	LRES			253,575								
District Truck	DW				85,085							
LRES: Replace 14 Windows	Attached			15,750								
Replace 6 Outside Doors	Attached			21,000								
Repave Front Drive & Parking Lot	Main Bldg			105,000								
Replace Front Entry Doors	Main Bldg			15,750								
Connect RHS with Town Water Line	RHS	110,000			21,130							
Athletic Field	RHS			77,175								
Maintenance Needs Assessment		219,337	235,365	2,169,493	469,402	63,814	67,004	98,494	167,560	435,921	40,720	0

Raymond School District Capital Improvement Plan Needs Assessment and Bond Needs Assessment (Expenditures)

8-1-18

Technology Needs Assessment		'18 - '19	'19 - '20	'20 - '21	'21 - '22	'22 - '23	'23 - '24	'24 - '25	'25 - '26	'26 - '27	'27 - '28	'28 - '29
Computer Labs for Classroom Instruction & Testing	RHS		25,000					23,000				
	IHGMS			25,000					23,000			
	LRES				9,000					11,000		
Firewalls - replacement	DW	12,515					15,975					
Wireless Environment	RHS		25,000				25,000					
	IHGMS			25,000				25,000				
	LRES		25,000						25,000			
Technology Needs Assessment		12,515	75,000	50,000	9,000	0	40,975	48,000	48,000	11,000	0	0

Food Service Needs Assessment		'18 - '19	'19 - '20	'20 - '21	'21 - '22	'22 - '23	'23 - '24	'24 - '25	'25 - '26	'26 - '27	'27 - '28	'28 - '29
Dishwasher	RHS		22,711									
	IHGMS				25,039							
	LRES										25,410	
Ice Machine	RHS			2,894								
	IHGMS								3,693			
Food Warmer	RHS			3,299								
	IHGMS							4,010				
	LRES									4,642		
Food Steamer	IHGMS					21,219						
Convection Oven	RHS						13,682					
	IHGMS				8,820							
	LRES					8,820						
Range	RHS						4,353					
Automatic Meat Slicer	RHS				3,768							
	IHGMS					3,956						
Steam Table	RHS											9,380
	LRES											
Reach In Cooler	RHS				5,151							
Walk-In-Refrigerator (Condenser & Evaporator)	IHGMS							8,625				
	LRES											
Walk-In-Freezer - Inside (Condenser & Evaporator)	IHGMS									9,509		
Walk In Freezer - Outside (Replace Box)	RHS								9,056			
POS Terminals	DW			8,826								
Food Service Needs Assessment		0	22,711	15,019	42,778	33,995	18,035	12,635	12,749	14,151	25,410	9,380

Raymond School District Capital Improvement Plan Needs Assessment and Bond Needs Assessment (Expenditures)

8-1-18

Textbook Needs Assessment		'18 - '19	'19 - '20	'20 - '21	'21 - '22	'22 - '23	'23 - '24	'24 - '25	'25 - '26	'26 - '27	'27 - '28	'28 - '29
Science Textbooks	DW	15,395										
Literacy Textbooks	DW											
Social Studies Textbooks	DW											
Unified Arts Textbooks	DW											
Mathematics Textbooks	DW											
Textbook Needs Assessment		15,395	0	0	0	0	0	0	0	0	0	0

Total Capital Reserve Funds Needs Assessment		247,247	333,076	2,234,512	521,180	97,809	126,014	159,129	228,309	461,072	66,130	9,380
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Bond Needs Assessment		'18 - '19	'19 - '20	'20 - '21	'21 - '22	'22 - '23	'23 - '24	'24 - '25	'25 - '26	'26 - '27	'27 - '28	'28 - '29
Replace Portables w Classroom Addition & Gym	LRES		9,896,000									
Roof	IHGMS										1,100,000	
Athletic Fields	DW											2,057,000
Bond Needs Assessment		0	9,896,000	0	0	0	0	0	0	0	1,100,000	2,057,000

Total Needs Assessment		247,247	10,229,076	2,234,512	521,180	97,809	126,014	159,129	228,309	461,072	1,166,130	2,066,380
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Raymond School District Capital Improvement Plan Needs Assessment and Bond Needs Assessment (Projected Appropriations) 8-1-18

September-18

Maintenance CRF Requirements		Est Life	'18 - '19	'19 - '20	'20 - '21	'21 - '22	'22 - '23	'23 - '24	'24 - '25	'25 - '26	'26 - '27	'27 - '28	'28 - '29
Air Conditioning / Energy Recovery Systems	RHS	15		53,700	60,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
	IHGMS			0	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
	LRES			0	42,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
Control Upgrades	RHS	25		0	368,750	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
	IHGMS			0	49,210	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
	LRES			0	210,238	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
Boiler Upgrades	RHS	25		0	219,450	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
	IHGMS			0	21,771	21,771	21,771	21,771	21,771	21,770	2,000	2,000	2,000
	LRES			0	228,760	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
Electrical System Upgrades	RHS	25		0	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
	IHGMS			0	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
	LRES			0	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
Security / Safety Upgrades	RHS			55,000	250,000	15,194	11,726	11,726	12,650	12,650	9,000	9,000	9,000
	IHGMS			0	10,636	10,636	10,636	12,312	12,312	12,312	9,000	9,000	9,000
	LRES			0	8,376	8,376	8,376	8,376	12,927	12,927	9,000	9,000	9,000
Alarm & Intercom Systems	RHS	25		0	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	IHGMS			0	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	LRES			0	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Bathroom Upgrades	RHS	20		0	22,050	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000
	IHGMS			0	67,803	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000
	LRES		92,544	78,800	85,450	89,700	4,000	4,000	4,000	4,000	4,000	4,000	4,000
Flooring Upgrades	RHS	20		0	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
	IHGMS			0	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
	LRES			0	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Gymnasium Bleachers & Floors	RHS	10-15		25,880	19,100	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
	IHGMS			21,985	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
Parking and Driveways	RHS	20		0	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000
	IHGMS			0	85,088	85,088	56,725	20,000	20,000	20,000	20,000	20,000	20,000
	LRES			0	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000
Replacement Lockers	RHS	25		0	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
	IHGMS			0	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
Upgrade Lockers & Floors in Locker Rooms	RHS			0	24,300	24,300	0	0	0	0	0	0	0
Chain Link Fences	IHGMS	25		0	34,756	34,756	9,380	9,380	9,380	1,000	1,000	1,000	1,000
	LRES			0	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Roofing - Major Repairs	RHS	25		0	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
	IHGMS			0	56,734	56,734	56,734	56,734	56,734	56,734	56,734	5,000	5,000
	LRES			0	253,575	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
District Truck	DW	12		0	42,543	42,543	8,000	8,000	8,000	8,000	8,000	8,000	8,000
LRES: Attached Portable Upgrades	LRES			0	36,750	0	0	0	0	0	0	0	0
Main Building Upgrades	LRES			0	120,750	0	0	0	0	0	0	0	0
Windows	RHS	25		0	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
	IHGMS			0	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
	LRES			0	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
Leach Fields / Town Sewer	RHS	25		0	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
	IHGMS			0	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
	LRES			0	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
Connect RHS with Town Water Line	RHS		110,000		10,565	105,656							
Soccer Field	RHS			0	77,180								
Maintenance CRF Requirements plus Warrant Article			252,544	235,365	2,523,835	643,754	336,348	301,299	306,774	298,393	267,734	216,000	216,000

Raymond School District Capital Improvement Plan Needs Assessment and Bond Needs Assessment (Projected Appropriations) 8-1-18
September-18

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**Raymond School District Capital Improvement Plan Needs Assessment and Bond Needs Assessment (Projected Appropriations) 8-1-18
September-18**

Food Service CRF Requirements		Est Life	'18 - '19	'19 - '20	'20 - '21	'21 - '22	'22 - '23	'23 - '24	'24 - '25	'25 - '26	'26 - '27	'27 - '28	'28 - '29
Dishwasher	RHS	15		22,711	1,670	1,670	1,670	1,670	1,670	1,670	1,670	1,670	1,670
	IHGMS			0	12,520	12,520	1,670	1,670	1,670	1,670	1,670	1,670	1,670
	LRES			0	3,176	3,176	3,176	3,176	3,176	3,176	3,176	3,176	1,670
Ice Machine	RHS	10		0	2,894	370	370	370	370	370	370	370	370
	IHGMS			0	616	616	616	616	616	616	370	370	370
Food Warmer	RHS	10		0	3,299	465	465	465	465	465	465	465	465
	IHGMS			0	802	802	802	802	802	465	465	465	465
	LRES			0	663	663	663	663	663	663	663	465	465
Food Steamer	RHS	15		0	1,415	1,415	1,415	1,415	1,415	1,415	1,415	1,415	1,415
	IHGMS			0	7,073	7,073	7,073	1,415	1,415	1,415	1,415	1,415	1,415
	LRES			0	1,415	1,415	1,415	1,415	1,415	1,415	1,415	1,415	1,415
Convection Oven	RHS	15		0	3,421	3,421	3,421	3,421	915	915	915	915	915
	IHGMS			0	4,410	4,410	588	588	588	588	588	588	588
	LRES			0	2,940	2,940	2,940	588	588	588	588	588	588
Range	RHS	15		0	1,088	1,088	1,088	1,088	290	290	290	290	290
	IHGMS			0	290	290	290	290	290	290	290	290	290
	LRES			0	290	290	989	290	290	290	290	290	290
Automatic Meat Slicer	RHS	10		0	1,884	1,884	395	395	395	395	395	395	395
	IHGMS			0	1,319	1,319	1,319	395	395	395	395	395	395
	LRES			0	395	395	395	395	395	395	395	395	395
Steam Table	RHS	20		0	938	938	938	938	938	938	938	938	938
	IHGMS			0	470	470	470	470	470	470	470	470	470
	LRES			0	470	470	470	470	470	470	470	470	470
Reach In Cooler	RHS	15		0	2,578	2,578	345	345	345	345	345	345	345
Walk-In-Refrigerator (Condenser&Evaporator)	RHS	10		0	862	862	862	862	862	862	862	862	862
	IHGMS			0	1,725	1,725	1,725	1,725	1,725	862	862	862	862
	LRES			0	862	862	862	862	862	862	862	862	862
Walk-In-Freezer - Inside (Cond & Evaporator)	RHS	10		0	950	950	950	950	950	950	950	950	950
	IHGMS			0	1,358	1,358	1,358	1,358	1,358	1,358	1,358	950	950
	LRES			0	950	950	950	950	950	950	950	950	950
Walk In Freezer - Outside (Evaporator)	RHS	10		0	1,509	1,509	1,509	1,509	1,509	1,509	905	905	905
POS Terminals	DW	5		0	8,826	1,765	1,765	1,765	1,765	1,765	1,765	1,765	1,765
Savings for Future Projects	DW		19,714										
Food Service CRF Requirements			19,714	22,711	73,078	60,659	42,964	33,331	30,027	28,827	27,977	27,371	25,865

Total CRF Requirements			285,400	333,076	2,671,713	740,063	412,662	367,980	370,151	360,570	329,061	276,721	275,215
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**Raymond School District
Proposed Capital Reserve Fund (CRF) Expenditures
2019 - 2020 School Year**

8/1/18

Equipment, Facilities Maintenance & Replacement Capital Improvement Plan		Warrant Article
Upgrade 2 Bathrooms per year in LRES Building (2nd Year of 4 Year Project)	Lamprey River Elementary School	78,800
Upgrade A/C in Guidance, Nurse and Administration Offices	Raymond High School	53,700
Upgrade Fire Alarm Panel	Raymond High School	35,000
ADA Compliant Bleachers with aisle steps, rails & handicap cutout	Raymond High School	25,880
ADA Compliant Bleachers with aisle steps, rails & handicap cutout	Iber Holmes Gove Middle School	21,985
Engineering Costs for Safety Wall	Raymond High School	20,000
Total Equipment, Facilities Maintenance & Replacement CRF Warrant Article		235,365

Technology Capital Improvement Plan		Warrant Article
Computer Labs for Classroom Instruction & Testing	Raymond High School	25,000
Wireless Environment	Raymond High School	25,000
Wireless Environment	Lamprey River Elementary School	25,000
Technology CRF Warrant Article		75,000

Food Service Equipment Capital Improvement Plan		Warrant Article
Dishwasher	Raymond High School	22,711
Total Food Service Equipment CRF Warrant Article		22,711

Textbook Capital Improvement Plan		Warrant Article
Textbook CRF Warrant Article		0

Total Recommended Capital Reserve Fund Warrant Article		333,076
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