

August-17

Appropriation			Category	Balances	'17 - '18	'18 - '19	'19 - '20	'20 - '21	'21 - '22	'22 - '23	'23 - '24	'24 - '25	'25 - '26	'26 - '27	'27 - '28	
			Equipment,	Begin of Year	320,563	452,655	1,151,809	1,227,253	1,444,420	1,486,117	1,665,585	1,838,931	2,047,499	2,181,729	2,035,284	
164,870	205,000	156,232	Facilities	Appropriation	206,232	1,793,291	864,593	498,628	397,703	333,478	333,478	279,478	271,078	256,750	217,600	
Warrant Art #7	50,000		Maintenance and	Expenditures	(78,948)	(1,100,927)	(806,426)	(299,870)	(377,672)	(176,302)	(185,116)	(98,494)	(167,560)	(435,921)	(40,720)	
			Replacement CRF	Est Interest	4,808	6,790	17,277	18,409	21,666	22,292	24,984	27,584	30,712	32,726	30,529	
				End of Year	452,655	1,151,809	1,227,253	1,444,420	1,486,117	1,665,585	1,838,931	2,047,499	2,181,729	2,035,284	2,242,693	
			"maintaining, upgrading, replacing and repairing equipment and facilities"													
			Technology CRF	Begin of Year	54,572	54,100	81,627	80,816	100,603	96,377	114,373	111,030	101,104	119,171	137,509	
0	0	13,768		Appropriation	13,768	43,646	31,040	18,575	18,575	16,550	16,550	16,550	16,550	16,550	16,550	
				Expenditures	(15,059)	(16,931)	(33,075)	0	(24,310)	0	(21,609)	(28,141)	0	0	(32,576)	
				Est Interest	819	812	1,224	1,212	1,509	1,446	1,716	1,665	1,517	1,788	2,063	
				End of Year	54,100	81,627	80,816	100,603	96,377	114,373	111,030	101,104	119,171	137,509	123,546	
			"enhance classroom benefits"													
			Food Service	Begin of Year	14,779	25,001	80,072	105,353	132,257	142,042	153,094	158,931	176,731	194,154	210,271	
13,130	0	10,000	Equipment CRF	Appropriation	10,000	63,096	55,611	42,456	39,646	34,096	30,956	28,051	27,521	27,356	26,910	
				Expenditures	0	(8,400)	(31,531)	(17,132)	(31,845)	(25,175)	(27,415)	(12,635)	(12,749)	(14,151)	(25,410)	
				Est Interest	222	375	1,201	1,580	1,984	2,131	2,296	2,384	2,651	2,912	3,154	
				End of Year	25,001	80,072	105,353	132,257	142,042	153,094	158,931	176,731	194,154	210,271	214,925	
			"maintaining, upgrading, replacing and repairing food service equipment"													
			Textbook CRF	Begin of Year	23,366	14,686	70,456	115,563	135,346	159,893	172,308	184,910	176,018	166,992	157,831	
36,000	9,000	34,000		Appropriation	34,000	106,550	88,050	88,050	75,850	68,350	68,350	55,000	55,000	55,000	55,000	
				Expenditures	(43,030)	(51,000)	(44,000)	(70,000)	(53,333)	(58,333)	(58,333)	(66,666)	(66,666)	(66,666)	(66,666)	
				Est Interest	350	220	1,057	1,733	2,030	2,398	2,585	2,774	2,640	2,505	2,367	
				End of Year	14,686	70,456	115,563	135,346	159,893	172,308	184,910	176,018	166,992	157,831	148,532	
			Combined Totals	Begin of Year	413,280	546,442	1,383,964	1,528,985	1,812,626	1,884,429	2,105,360	2,293,802	2,501,352	2,662,046	2,540,895	
214,000	214,000	264,000	For Capital	Appropriation	264,000	2,006,583	1,039,294	647,709	531,774	452,474	449,334	379,079	370,149	355,656	316,060	
			Reserve Funds	Expenditures	(137,037)	(1,177,258)	(915,032)	(387,002)	(487,160)	(259,810)	(292,473)	(205,936)	(246,975)	(516,738)	(165,372)	
				Est Interest	6,199	8,197	20,759	22,934	27,189	28,267	31,581	34,407	37,520	39,931	38,113	
				End of Year	546,442	1,383,964	1,528,985	1,812,626	1,884,429	2,105,360	2,293,802	2,501,352	2,662,046	2,540,895	2,729,696	
Estimated Tax Effect based on valuation					\$923,356,261	0.29	2.17	1.13	0.70	0.58	0.49	0.49	0.41	0.40	0.39	0.34
Potential School District Bond Requirements						0	9,896,000	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)
August-17

9-21-17

Maintenance Needs Assessment		'17 - '18	'18 - '19	'19 - '20	'20 - '21	'21 - '22	'22 - '23	'23 - '24	'24 - '25	'25 - '26	'26 - '27	'27 - '28
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					30,388			35,177			40,720
	IHGMS						31,907			36,935		
	LRES	65,583						33,502			38,781	
Bathroom Upgrades	RHS			22,050								
	IHGMS			33,075	34,728							
	LRES		92,544	97,171			112,488	118,112				
Flooring Upgrades	RHS								35,177			
	IHGMS						31,907	33,502				
	LRES											
Gymnasium Floors	RHS					19,100						
	IHGMS				13,230							
Gymnasium Bleacher Renovations	RHS			21,880								
	IHGMS		16,985									
Parking and Driveways	RHS	13,365										
	IHGMS					170,170						
Upgrade Lockers & Floors in Locker Rooms	RHS					48,620						
Chain Link Fences	IHGMS			22,050	23,152	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									
Athletic Field	RHS			77,175								
Maintenance Needs Assessment		78,948	1,100,927	806,426	299,870	377,672	176,302	185,116	98,494	167,560	435,921	40,720

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

9-21-17

Technology Needs Assessment		'17 - '18	'18 - '19	'19 - '20	'20 - '21	'21 - '22	'22 - '23	'23 - '24	'24 - '25	'25 - '26	'26 - '27	'27 - '28
Firewalls - replacement	DW		16,931					21,609				
Wireless Environment	RHS			33,075								32,576
	IHGMS	15,059							28,141			
	LRES					24,310						
Technology Needs Assessment		15,059	16,931	33,075	0	24,310	0	21,609	28,141	0	0	32,576

Food Service Needs Assessment		'17 - '18	'18 - '19	'19 - '20	'20 - '21	'21 - '22	'22 - '23	'23 - '24	'24 - '25	'25 - '26	'26 - '27	'27 - '28
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		8,400									
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				5,788	3,038						
Food Service Needs Assessment		0	8,400	31,531	17,132	31,845	25,175	27,415	12,635	12,749	14,151	25,410

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

9-21-17

Textbook Needs Assessment		'17 - '18	'18 - '19	'19 - '20	'20 - '21	'21 - '22	'22 - '23	'23 - '24	'24 - '25	'25 - '26	'26 - '27	'27 - '28
Science Textbooks	DW	29,294	31,000							33,333	33,333	33,333
Literacy Textbooks	DW		20,000	20,000	20,000	20,000						33,333
Social Studies Textbooks	DW					33,333	33,333	33,333	33,333			
Unified Arts Textbooks	DW						25,000	25,000				
Mathematics Textbooks	DW	13,736		24,000	50,000				33,333	33,333	33,333	
Textbook Needs Assessment		43,030	51,000	44,000	70,000	53,333	58,333	58,333	66,666	66,666	66,666	66,666

Total Capital Reserve Funds Needs Assessment		137,037	1,177,258	915,032	387,002	487,160	259,810	292,473	205,936	246,975	516,738	165,372
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Bond Needs Assessment		'17 - '18	'18 - '19	'19 - '20	'20 - '21	'21 - '22	'22 - '23	'23 - '24	'24 - '25	'25 - '26	'26 - '27	'27 - '28
Replace Portables w Classroom Addition & Gym	LRES		9,896,000									
Roof (Est Cost \$1M / \$450k to be appropriated)	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		137,037	11,073,258	915,032	387,002	487,160	259,810	292,473	205,936	246,975	1,616,738	2,222,372
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Raymond School District Capital Improvement Plan Needs Assessment and Bond Needs Assessment (Projected Appropriations) 9-21-17

August-17

Maintenance CRF Requirements		Est Life	'17 - '18	'18 - '19	'19 - '20	'20 - '21	'21 - '22	'22 - '23	'23 - '24	'24 - '25	'25 - '26	'26 - '27	'27 - '28
Air Conditioning / Energy Recovery Systems	RHS	15	20,000	56,850	56,850	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
	IHGMS			3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
	LRES			42,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
Control Upgrades	RHS	25		368,750	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
	IHGMS			49,210	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
	LRES			210,238	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
Boiler Upgrades	RHS	25		109,725	109,725	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
	IHGMS			16,328	16,328	16,328	16,328	16,328	16,328	16,328	16,328	2,000	2,000
	LRES			76,253	76,253	76,253	2,000	2,000	2,000	2,000	2,000	2,000	2,000
Electrical System Upgrades	RHS	25		3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
	IHGMS			3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
	LRES			3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
Security / Safety Upgrades	RHS			10,600	10,600	10,600	10,600	10,600	10,600	10,600	10,600	10,600	10,600
	IHGMS			9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000
	LRES		75,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000
Alarm & Intercom Systems	RHS	25		1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	IHGMS			1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	LRES			1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Bathroom Upgrades	RHS	20		11,000	11,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000
	IHGMS			22,600	22,600	22,600	4,000	4,000	4,000	4,000	4,000	4,000	4,000
	LRES		37,000	95,000	95,000	58,000	58,000	58,000	58,000	4,000	4,000	4,000	4,000
Flooring Upgrades	RHS	20	10,232	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
	IHGMS			10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
	LRES			10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Gymnasium Bleachers & Floors	RHS	10-15		10,245	10,245	10,245	10,245	2,000	2,000	2,000	2,000	2,000	2,000
	IHGMS			10,072	10,072	10,072	2,000	2,000	2,000	2,000	2,000	2,000	2,000
Parking and Driveways	RHS	20	14,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000
	IHGMS			42,550	42,550	42,550	42,550	20,000	20,000	20,000	20,000	20,000	20,000
	LRES			20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000
Replacement Lockers	RHS	25		2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
	IHGMS			2,000	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			12,155	12,155	12,155	12,155						
Chain Link Fences	IHGMS	25		17,400	17,400	17,400	17,400	9,400	9,400	9,400	1,000	1,000	1,000
	LRES			1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Roofing - Major Repairs	RHS	25		5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
	IHGMS			44,150	44,150	44,150	44,150	44,150	44,150	44,150	44,150	44,150	5,000
	LRES			126,800	126,800	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
District Truck	DW	12		21,275	21,275	21,275	21,275	8,000	8,000	8,000	8,000	8,000	8,000
LRES: Attached Portable Upgrades	LRES			36,750									
Main Building Upgrades	LRES			120,750									
Windows	RHS	25		2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
	IHGMS			2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
	LRES			2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
Leach Fields / Town Sewer	RHS	25		5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
	IHGMS			5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
	LRES			5,000	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									
Soccer Field	RHS			38,590	38,590								
Maintenance CRF Requirements plus Warrant Article			206,232	1,793,291	864,593	498,628	397,703	333,478	333,478	279,478	271,078	256,750	217,600

Raymond School District Capital Improvement Plan Needs Assessment and Bond Needs Assessment (Projected Appropriations) 9-21-17
August-17

Technology CRF Requirements		Est Life	'17 - '18	'18 - '19	'19 - '20	'20 - '21	'21 - '22	'22 - '23	'23 - '24	'24 - '25	'25 - '26	'26 - '27	'27 - '28
Firewalls - replacement	DW	5		16,931	4,325	4,325	4,325	4,325	4,325	4,325	4,325	4,325	4,325
Wireless Environment	RHS	7		16,540	16,540	4,075	4,075	4,075	4,075	4,075	4,075	4,075	4,075
	IHGMS	7	13,768	4,075	4,075	4,075	4,075	4,075	4,075	4,075	4,075	4,075	4,075
	LRES	7		6,100	6,100	6,100	6,100	4,075	4,075	4,075	4,075	4,075	4,075
Technology CRF Requirements			13,768	43,646	31,040	18,575	18,575	16,550	16,550	16,550	16,550	16,550	16,550

Textbook CRF Requirements		Est Life	'17 - '18	'18 - '19	'19 - '20	'20 - '21	'21 - '22	'22 - '23	'23 - '24	'24 - '25	'25 - '26	'26 - '27	'27 - '28
Science Textbooks	DW	8	24,000	31,000	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500
Literacy Textbooks	DW	8		20,000	20,000	20,000	20,000	12,500	12,500	12,500	12,500	12,500	12,500
Social Studies Textbooks	DW	8		22,500	22,500	22,500	22,500	22,500	22,500	12,500	12,500	12,500	12,500
Unified Arts Textbooks	DW	8		8,350	8,350	8,350	8,350	8,350	8,350	5,000	5,000	5,000	5,000
Mathematics Textbooks	DW	8	10,000	24,700	24,700	24,700	12,500	12,500	12,500	12,500	12,500	12,500	12,500
Textbook CRF Requirements			34,000	106,550	88,050	88,050	75,850	68,350	68,350	55,000	55,000	55,000	55,000

**Raymond School District Capital Improvement Plan Needs Assessment and Bond Needs Assessment (Projected Appropriations) 9-21-17
August-17**

Food Service CRF Requirements		Est Life	'17 - '18	'18 - '19	'19 - '20	'20 - '21	'21 - '22	'22 - '23	'23 - '24	'24 - '25	'25 - '26	'26 - '27	'27 - '28
Dishwasher	RHS	15		11,360	11,360	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700
	IHGMS			6,260	6,260	6,260	6,260	1,700	1,700	1,700	1,700	1,700	1,700
	LRES			2,540	2,540	2,540	2,540	2,540	2,540	2,540	2,540	2,540	2,540
Ice Machine	RHS	10		965	965	965	300	300	300	300	300	300	300
	IHGMS			465	465	465	465	465	465	465	465	300	250
Food Warmer	RHS	10		1,100	1,100	1,100	330	330	330	330	330	330	330
	IHGMS			575	575	575	575	575	575	575	330	330	330
	LRES			515	515	515	515	515	515	515	515	515	330
Food Steamer	RHS	15		1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500
	IHGMS			4,250	4,250	4,250	4,250	4,250	1,500	1,500	1,500	1,500	1,500
	LRES			1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Convection Oven	RHS	15		2,300	2,300	2,300	2,300	2,300	2,300	915	915	915	915
	IHGMS			4,410	4,410	915	915	915	915	915	915	915	915
	LRES			8,400	915	915	915	915	915	915	915	915	915
Range	RHS	15		725	725	725	725	725	725	300	300	300	300
	IHGMS			300	300	300	300	300	300	300	300	300	300
	LRES			300	300	300	300	300	300	300	300	300	300
Automatic Meat Slicer	RHS	10		945	945	945	945	400	400	400	400	400	400
	IHGMS			790	790	790	790	790	400	400	400	400	400
	LRES			400	400	400	400	400	400	400	400	400	400
Steam Table	RHS	20		1,565	1,565	1,565	1,565	1,565	1,565	470	470	470	470
	IHGMS			470	470	470	470	470	470	470	470	470	470
	LRES			470	470	470	470	470	470	470	470	470	470
Reach In Cooler	RHS	15		1,720	1,720	1,720	345	345	345	345	345	345	345
Walk-In-Refrigerator (Condenser&Evaporator)	RHS	10		865	865	865	865	865	865	865	865	865	865
	IHGMS			1,235	1,235	1,235	1,235	1,235	1,235	1,235	950	950	950
	LRES			950	950	950	950	950	950	950	950	950	950
Walk-In-Freezer - Inside (Cond & Evaporator)	RHS	10		950	950	950	950	950	950	950	950	950	950
	IHGMS			1,055	1,055	1,055	1,055	1,055	1,055	1,055	1,055	1,055	950
	LRES			950	950	950	950	950	950	950	950	950	950
Walk In Freezer - Outside (Evaporator)	RHS	10	10,000	1,056	1,056	1,056	1,056	1,056	1,056	1,056	1,056	1,056	950
POS Terminals	DW	5		2,210	2,210	2,210	2,210	1,765	1,765	1,765	1,765	1,765	1,765
Food Service CRF Requirements			10,000	63,096	55,611	42,456	39,646	34,096	30,956	28,051	27,521	27,356	26,910

Total CRF Requirements			264,000	2,006,583	1,039,294	647,709	531,774	452,474	449,334	379,079	370,149	355,656	316,060
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**Raymond School District
Proposed Capital Reserve Fund (CRF) Expenditures
2018 - 2019 School Year**

9/21/17

Equipment, Facilities Maintenance & Replacement Capital Improvement Plan		Warrant Article
Upgrade 2 Bathrooms per year in LRES Building (4 Year Project)	Lamprey River Elementary School	92,544
Connect RHS with Town Water Supply	Raymond High School	110,000
Savings for Future Projects	District Wide	3,056
Total Equipment, Facilities Maintenance & Replacement CRF Planned Expenditures		205,600

Technology Capital Improvement Plan		Warrant Article
Firewall Replacement (Estimated Cost \$16,931 to be withdrawn from CRF)	District Wide	0
Technology Planned Expenditures		0

Food Service Equipment Capital Improvement Plan		
Convection Oven Replacement	Lamprey River Elementary School	8,400
Total Food Service Equipment CRF Planned Expenditures		8,400

Textbook Capital Improvement Plan		Warrant Article
Science Textbooks (K - Grade 4 Kits)	Lamprey River Elementary School	31,000
Textbook Planned Expenditures		31,000

Total Recommended Capital Reserve Fund Appropriations		245,000
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