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2/15/2021 draft

CAPITAL IMPROVEMENT PLAN-2021

District-wide Totals by Building		PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	Totals
	JV Forrestal Elementary	\$362,990.00	\$2,686,900.00	\$1,290,880.00	\$1,455,300.00	\$0.00	\$5,796,070.00
	Glenham Elementary	\$2,206,250.00	\$2,552,620.00	\$1,983,630.00	\$1,455,300.00	\$0.00	\$8,197,800.00
	Sargent Elementary	\$1,418,230.00	\$1,941,440.00	\$1,273,440.00	\$0.00	\$0.00	\$4,633,110.00
	South Ave Elementary	\$367,490.00	\$807,000.00	\$935,800.00	\$0.00	\$0.00	\$2,110,290.00
	Rombout Middle School	\$1,574,650.00	\$8,446,990.00	\$4,062,540.00	\$0.00	\$0.00	\$14,084,180.00
	Beacon City High School	\$972,890.00	\$4,566,030.00	\$4,576,960.00	\$0.00	\$0.00	\$10,115,880.00
	District Administration	\$335,470.00	\$251,490.00	\$1,804,600.00	\$0.00	\$0.00	\$2,391,560.00
	Hammond Storage	\$32,020.00	\$72,770.00	\$52,410.00	\$36,390.00	\$0.00	\$193,590.00
	Maintenance Garage	\$22,570.00	\$0.00	\$1,284,770.00	\$0.00	\$0.00	\$1,307,340.00
	Bus Storage	\$0.00	\$28,380.00	\$138,270.00	\$0.00	\$0.00	\$166,650.00
	Bus Maintenance	\$1,036,920.00	\$217,570.00	\$1,605,240.00	\$0.00	\$0.00	\$2,859,730.00
	Rosemar Field	\$110,620.00	\$1,040,580.00	\$261,260.00	\$0.00	\$0.00	\$1,412,460.00
	Press Box	\$2,920.00	\$0.00	\$8,020.00	\$0.00	\$0.00	\$10,940.00
	Totals Project Cost per Group	\$8,443,020.00	\$22,611,770.00	\$19,277,820.00	\$2,946,990.00	\$0.00	\$53,279,600.00
	Notes						
	Total Project Cost Priority 1 & 2	\$31,054,790.00					
	Total Project Cost Priority 1 ,2 & 3	\$50,332,610.00					
	Total Project Cost Priority 1 ,2, 3 & 4	\$53,279,600.00					
	Total Project Cost All Groups	\$53,279,600.00					



CAPITAL IMPROVEMENT PLAN-2021

Building Totals by Category		PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	TOTALS
ELEMENTARY	GENERAL WORK SCOPE	\$161,560.00	\$1,319,680.00	\$396,610.00	\$0.00	\$0.00	\$1,877,850.00
	SITE WORK SCOPE	\$416,820.00	\$1,472,790.00	\$700,010.00	\$0.00	\$0.00	\$2,589,620.00
	PLUMBING WORK SCOPE	\$2,677,790.00	\$14,560.00	\$130,310.00	\$0.00	\$0.00	\$2,822,660.00
	ELECTRICAL WORK SCOPE	\$392,960.00	\$1,129,350.00	\$3,114,390.00	\$0.00	\$0.00	\$4,636,700.00
	HVAC WORK SCOPE	\$705,830.00	\$4,051,580.00	\$1,142,430.00	\$2,910,600.00	\$0.00	\$8,810,440.00
	EDUCATIONAL SPACE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	OTHER	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Elementary Sub-Total		\$4,354,960.00	\$7,987,960.00	\$5,483,750.00	\$2,910,600.00	\$0.00	\$20,737,270.00
MIDDLE & HIGH SCHOOL	GENERAL WORK SCOPE	\$21,830.00	\$4,495,810.00	\$924,140.00	\$0.00	\$0.00	\$5,441,780.00
	SITE WORK SCOPE	\$555,930.00	\$3,325,390.00	\$2,017,820.00	\$0.00	\$0.00	\$5,899,140.00
	PLUMBING WORK SCOPE	\$796,800.00	\$1,822,770.00	\$29,120.00	\$0.00	\$0.00	\$2,648,690.00
	ELECTRICAL WORK SCOPE	\$334,720.00	\$2,859,690.00	\$4,998,970.00	\$0.00	\$0.00	\$8,193,380.00
	HVAC WORK SCOPE	\$838,260.00	\$509,360.00	\$669,450.00	\$0.00	\$0.00	\$2,017,070.00
	EDUCATIONAL SPACE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	OTHER	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Middle / High School Sub-Total		\$2,547,540.00	\$13,013,020.00	\$8,639,500.00	\$0.00	\$0.00	\$24,200,060.00
SUPPORT BLDGS	GENERAL WORK SCOPE	\$192,840.00	\$145,530.00	\$456,050.00	\$0.00	\$0.00	\$794,420.00
	SITE WORK SCOPE	\$86,600.00	\$1,153,820.00	\$3,009,580.00	\$0.00	\$0.00	\$4,250,000.00
	PLUMBING WORK SCOPE	\$1,148,980.00	\$21,830.00	\$0.00	\$0.00	\$0.00	\$1,170,810.00
	ELECTRICAL WORK SCOPE	\$112,100.00	\$100,420.00	\$335,470.00	\$0.00	\$0.00	\$547,990.00
	HVAC WORK SCOPE	\$0.00	\$189,190.00	\$1,353,470.00	\$36,390.00	\$0.00	\$1,579,050.00
	EDUCATIONAL SPACE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	OTHER	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Support Buildings Sub-Total		\$1,540,520.00	\$1,610,790.00	\$5,154,570.00	\$36,390.00	\$0.00	\$8,342,270.00
Totals Project Cost per Group		\$8,443,020.00	\$22,611,770.00	\$19,277,820.00	\$2,946,990.00	\$0.00	\$53,279,600.00
Notes							
Total Project Cost Priority 1 & 2		\$31,054,790.00					
Total Project Cost Priority 1 ,2 & 3		\$50,332,610.00					
Total Project Cost Priority 1 ,2, 3 & 4		\$53,279,600.00					
Total Project Cost All Groups		\$53,279,600.00					



CAPITAL IMPROVEMENT PLAN-2021

Totals by Category	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	TOTALS
GENERAL WORK SCOPE	\$376,230.00	\$5,961,020.00	\$1,776,800.00	\$0.00	\$0.00	\$8,114,050.00
SITE WORK SCOPE	\$1,059,350.00	\$5,952,000.00	\$5,727,410.00	\$0.00	\$0.00	\$12,738,760.00
PLUMBING WORK SCOPE	\$4,623,570.00	\$1,859,160.00	\$159,430.00	\$0.00	\$0.00	\$6,642,160.00
ELECTRICAL WORK SCOPE	\$839,780.00	\$4,089,460.00	\$8,448,830.00	\$0.00	\$0.00	\$13,378,070.00
HVAC WORK SCOPE	\$1,544,090.00	\$4,750,130.00	\$3,165,350.00	\$2,946,990.00	\$0.00	\$12,406,560.00
EDUCATIONAL SPACE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
OTHER	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals Project Cost per Group	\$8,443,020.00	\$22,611,770.00	\$19,277,820.00	\$2,946,990.00	\$0.00	\$53,279,600.00
Percent of Total	16%	42%	36%	6%	0%	
Percent of Each Priority is Elementary	52%	35%	28%	99%	#DIV/0!	39%
Percent of Each Priority is MS/HS	30%	58%	45%	0%	#DIV/0!	45%
Percent of Each Priority is Support Bldg.	18%	7%	27%	1%	#DIV/0!	16%
Notes						
Total Project Cost Priority 1 & 2	\$31,054,790.00					
Total Project Cost Priority 1 ,2 & 3	\$50,332,610.00					
Total Project Cost Priority 1 ,2, 3 & 4	\$53,279,600.00					
Total Project Cost All Groups	\$53,279,600.00					



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CAPITAL IMPROVEMENT PLAN-2021

Building Totals by Category	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	TOTALS
JV Forrestal Elementary						
GENERAL WORK SCOPE	\$7,280.00	\$685,830.00	\$0.00	\$0.00	\$0.00	\$693,110.00
SITE WORK SCOPE	\$166,500.00	\$152,810.00	\$0.00	\$0.00	\$0.00	\$319,310.00
PLUMBING WORK SCOPE	\$21,840.00	\$14,560.00	\$46,590.00	\$0.00	\$0.00	\$82,990.00
ELECTRICAL WORK SCOPE	\$80,050.00	\$291,070.00	\$807,700.00	\$0.00	\$0.00	\$1,178,820.00
HVAC WORK SCOPE	\$87,320.00	\$1,542,630.00	\$436,590.00	\$1,455,300.00	\$0.00	\$3,521,840.00
EDUCATIONAL SPACE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
OTHER	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals Project Cost per Group	\$362,990.00	\$2,686,900.00	\$1,290,880.00	\$1,455,300.00	\$0.00	\$5,796,070.00
Notes				Total SF 50,950	Grade PK-3	Year Built (Original) 1954
Total Project Cost Priority 1 & 2	\$3,049,890.00					MCA as of 12/15/20
Total Project Cost Priority 1 , 2 & 3	\$4,340,770.00					\$6,771,929
Total Project Cost Priority 1 , 2, 3 & 4	\$5,796,070.00					
Total Project Cost All Groups	\$5,796,070.00					

Item No.	JV Forrestal Elementary	Priority	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	Remarks
1	GENERAL WORK SCOPE	Sub Total	\$7,280	\$685,830	\$0	\$0	\$0	
2	Masonry	2	\$0	\$1,820	\$0	\$0	\$0	Masonry control and expansion joints need to be re caulked
3	Masonry	2	\$0	\$14,560	\$0	\$0	\$0	Chimney needs to be repointed, replace cracked brick and install new Chimney cap.
4	Flashing Roof	1	\$7,280	\$0	\$0	\$0	\$0	Replace Parapet copper flashing
5	Roof	2	\$0	\$436,590	\$0	\$0	\$0	Roof is aging out, especially over the classroom wing. Patch Soffits, repair parapet flashing at K wing
6	Windowsills	2	\$0	\$29,110	\$0	\$0	\$0	Reset/repoint Windowsills at K wing-Allowance
7	Toilet Partitions	2	\$0	\$29,110	\$0	\$0	\$0	Replace Toilet Partitions in the Kindergarten wing-allowance
8	Ceilings	2	\$0	\$145,530	\$0	\$0	\$0	Corridor Ceilings are in poor condition, replace with new 2x2 to improve appearance and sound
9	Flooring tile	2	\$0	\$29,110	\$0	\$0	\$0	Throughout building there is Vinyl Asbestos floor tile that are damaged and need to be replace/abated - Allowance

Item No.	JV Forrestal Elementary	Priority	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	Remarks
10	SITE WORK	Sub Total	\$166,500	\$152,810	\$0	\$0	\$0	
11	Paving	2	\$0	\$152,810	\$0	\$0	\$0	Replace existing asphalt at front entrance drop-off loop with full-depth paving, as existing pavement is at the end of its useful life, with evident distress, including cracking, separation at patching seams, loss of emulsifiers weakening pavement, alligator cracking and differential settlement
12	Concrete ramp - ADA	1	\$17,470	\$0	\$0	\$0	\$0	Replace existing concrete sidewalk ADA ramp along bus drop-off loop at front of building. Existing concrete has non-compliant ADA curb ramp without tactile delineation plates
13	Concrete walks	1	\$3,500	\$0	\$0	\$0	\$0	Replace sidewalk section along drop off loop that is cracked. (Estimate 50 SF)
14	ADA Provisions	1	\$145,530	\$0	\$0	\$0	\$0	Provide revisions to layout to meet ADA requirements for parking, including sidewalk, signage, grading and striping. Current front ADA parking spaces are not compliant regarding direct access, slope and signage
15	PLUMBING WORK	Sub Total	\$21,840	\$14,560	\$46,590	\$0	\$0	
16	Grease Interceptor	1	\$18,200	\$0	\$0	\$0	\$0	Replace grease interceptor in the Kitchen -. Includes floor cutting and patching
17	Water Supply	3	\$0	\$0	\$14,560	\$0	\$0	Replace outdated isolation valves on the domestic water distribution systems to improve system serviceability and reliability and to provide lead free components in the domestic water system
18	Hot Water Storage Tank	2	\$0	\$14,560	\$0	\$0	\$0	Remove domestic hot water storage tank, fuel oil piping and water heater that were abandoned in place
19	Hot Water Tank Flue	3	\$0	\$0	\$17,470	\$0	\$0	Replace flue piping on domestic water heater
20	Boiler rm piping	3	\$0	\$0	\$14,560	\$0	\$0	Insulate domestic hot water piping in the Boiler Room
21	Boiler Rm- Eye wash	1	\$3,640	\$0	\$0	\$0	\$0	Add an emergency eyewash to the Boiler Room

Item No.	JV Forrestal Elementary	Priority	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	Remarks
22	ELECTRICAL WORK	Sub Total	\$80,050	\$291,070	\$807,700	\$0	\$0	
23	Emergency Lighting	1	\$80,050	\$0	\$0	\$0	\$0	Emergency lighting is old/outdated and needs to be upgraded
24	Panels	2	\$0	\$14,560	\$0	\$0	\$0	Branch circuit panel at stage needs to be replaced
25	Emergency Generator	3	\$0	\$0	\$145,530	\$0	\$0	An Emergency Generator and ATS should be provide due to electrical brownouts in the area
26	Lighting Interior	3	\$0	\$0	\$603,950	\$0	\$0	Combination of old lay-in and surface mounted fluorescent fixtures. Lighting should be upgraded to energy efficient LED lighting
27	Lighting Exterior	3	\$0	\$0	\$58,220	\$0	\$0	Replace all Pole and Building mounted Site Lighting and Wall Packs with motion activated/dimming LED technology lighting. This is to include new poles, pole bases, underground and above ground power feeds.
28	Fire Alarm System	2	\$0	\$276,510	\$0	\$0	\$0	Replace entire fire alarm system with new addressable voice notification system. Replacement of all Peripherals and Fire Alarm Control Panel. (NYSED requirement for major renovations

Item No.	JV Forrestal Elementary	Priority	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	Remarks
29	HVAC WORK	Sub Total	\$87,320	\$1,542,630	\$436,590	\$1,455,300	\$0	
30	Boiler Plant	2	\$0	\$436,590	\$0	\$0	\$0	Existing steam boilers are inefficient and likely not capable of handling increased heating loads due to code required ventilation rates. The new boiler system will consist of condensing boilers that will allow the system to operate at their highest efficiency while meeting the varying heating loads throughout the shoulder and winter months. Recommendation will require the general removal of the heating and ventilation system and replacement with new high efficiency hot water heating, ventilation and control systems. Recommendation will require less maintenance (eliminate steam-condensate water treatment and steam traps). The useful mlife is 5 years The budget is for boiler replacement either steam or hydroic The proposed hot water heating system would include: • Installation of two new high efficiency hydronic boilers • Pumps
31	Unit Ventilators	2	\$0	\$1,091,480	\$0	\$0	\$0	Unit ventilators (circa 1975) are past their design life expectancy of twenty years. Replacement parts are either no longer available or difficult to obtain. Casework adjacent to unit ventilators will require modification- Consideration to convert building from Steam to hydronic system - Heating Supply Piping and Boiler replacment
32	Ventilation- small spaces	1	\$87,320	\$0	\$0	\$0	\$0	NYSED 155.3 requires power ventilation to offices and other smaller occupied spaces and exhaust for nurse's toilet room. Casework adjacent to unit ventilators will require modification.
33	Heating Supply Piping	3	\$0	\$0	\$436,590	\$0	\$0	1975 piping is past its design life. Steam piping are undersized for the increased ventilation and heating load of current code requirements. Recommend conversion to a hydronic system
34	Copy room exhaust fan	2	\$0	\$14,560	\$0	\$0	\$0	Provide exhaust fan for copier room.
35	Air Conditioning	4	\$0	\$0	\$0	\$1,455,300	\$0	Air conditioning to all of the classrooms and terminal equipment - UV replacment listed separtly would be required. Proposed system would include: • Installation of an air-cooled chiller • Pumps • Piping distribution system

Item No.	JV Forrestal Elementary	Priority	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	Remarks
36	ED SPACE	Sub Total	\$0	\$0	\$0	\$0	\$0	
37	OTHER	Sub Total	\$0	\$0	\$0	\$0	\$0	
TOTALS BY PRIORITY:			\$362,990	\$2,486,900	\$1,290,880	\$1,455,300	\$0	
BUILDING TOTAL:			\$5,796,070					



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Building Totals by Category	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	TOTALS
Glenham Elementary						
GENERAL WORK SCOPE	\$16,010.00	\$0.00	\$299,090.00	\$0.00	\$0.00	\$315,100.00
SITE WORK SCOPE	\$0.00	\$865,910.00	\$691,270.00	\$0.00	\$0.00	\$1,557,180.00
PLUMBING WORK SCOPE	\$1,775,470.00	\$0.00	\$25,480.00	\$0.00	\$0.00	\$1,800,950.00
ELECTRICAL WORK SCOPE	\$80,050.00	\$225,580.00	\$647,620.00	\$0.00	\$0.00	\$953,250.00
HVAC WORK SCOPE	\$334,720.00	\$1,461,130.00	\$320,170.00	\$1,455,300.00	\$0.00	\$3,571,320.00
EDUCATIONAL SPACE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
OTHER	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals Project Cost per Group	\$2,206,250.00	\$2,552,620.00	\$1,983,630.00	\$1,455,300.00	\$0.00	\$8,197,800.00
Notes				Total SF 40,590	Grade PK-5	Built (orginal) 1956
Total Project Cost Priority 1 & 2	\$4,758,870.00					MCA as of 12/15/20
Total Project Cost Priority 1 ,2 & 3	\$6,742,500.00					\$11,409,761
Total Project Cost Priority 1 ,2, 3 & 4	\$8,197,800.00					
Total Project Cost All Groups	\$8,197,800.00					

Item No.	Glenham Elementary	Priority	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	Remarks
1	GENERAL WORK SCOPE	Sub Total	\$16,010	\$0	\$299,090	\$0	\$0	
2	Masonry Repointing	3	\$0	\$0	\$14,560	\$0	\$0	Repair / Repoint exterior brick veneer walls-allowance
3	Masonry Control Joints	3	\$0	\$0	\$2,190	\$0	\$0	Masonry control and expansion joints need to be re caulked
4	Exterior Doors	3	\$0	\$0	\$4,370	\$0	\$0	Replace remaining exterior Hollow Metal Doors with FRP doors
5	Exterior Soffits	3	\$0	\$0	\$21,830	\$0	\$0	Repair / Replace Soffits at 1956 wings
6	Interior Wood Doors	3	\$0	\$0	\$227,030	\$0	\$0	Replace non-rated wood doors at 1956 classrooms, add door closers to classroom doors
7	Exterior Railings	1	\$16,010	\$0	\$0	\$0	\$0	Replace Non-Code Compliant Exterior Railing at Basement Ramp-way
8	Ceilings -Library	3	\$0	\$0	\$29,110	\$0	\$0	Replace with new 2x2 to improve appearance and acoustics

Item No.	Glenham Elementary	Priority	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	Remarks
9	SITE WORK	Sub Total	\$0	\$865,910	\$691,270	\$0	\$0	
10	Bus /Parent Drop off							Principal and District have noted concerns with front entrance bus drop off loop and parent drop off loop, regarding congestion, parking limitations and student safety. Observations of the student drop off, even with only a third the number of typical students (due to COVID) indicates that issues are prevalent and should be addressed. Preliminary Budget - further analysis required
10		2	\$0	\$363,830	\$0	\$0	\$0	District noted several possible solutions, including providing a new separate bus loop along the south side of the building, utilizing the south entrance for students. After observation, Tt notes that a primary driver of the issues stem from too many passenger vehicles queuing in line behind the drop-off zone and onto Winterberry Street, creating safety issues and congestion with other passenger vehicles and incoming school buses. It would be our initial recommendation to consider installation of a separate parent drop off loop at the south entrance of the building (versus buses), to be able to create separation between entrances, and also provide a significant increase in passenger car queuing spaces during arrival / pick up times. Please note that the desire for additional parking spaces could be incorporated into the design, to minimize new paving impact, and that the existing playground would necessitate relocation
11	Parking	3	\$0	\$0	\$291,060	\$0	\$0	Parking lot spaces are limited, and the District would like additional spaces created, likely to the south of the existing front lot. (Estimate 12,000 SF for parking / drive access for 30 spaces)
12	Paving - Main loop - Parking		\$0	\$0	\$0	\$0	\$0	Replace existing asphalt at front entrance drop-off loops and front parking lot with full-depth paving, as existing pavement is at the end of its useful life, with evident distress, including cracking, separation at patching seams, loss of emulsifiers weakening pavement, alligator cracking and differential settlement. If new loop along south side of building is not an option the District would like to pursue, recommend revisions to both the loop and parking lot to ease some of the safety concerns
13	Paving - Main loop -	2	\$0	\$458,420	\$0	\$0	\$0	
14	Paving - Parking	3	\$0	\$0	\$291,060	\$0	\$0	
15	Paving Service Drive -rear parking		\$0	\$0	\$0	\$0	\$0	Replace existing asphalt at service drive and rear parking lot / service area with full-depth paving, as existing pavement is at the end of its useful life, with evident distress, including cracking, separation at patching seams, loss of emulsifiers weakening pavement, alligator cracking and differential settlement. Address sheet flow run off concern at NE corner of lot eroding adjacent slope
16	Paving Service Drive	2	\$0	\$43,660	\$0	\$0	\$0	
17	Paving rear parking	3	\$0	\$0	\$109,150	\$0	\$0	

Item No.	Glenham Elementary	Priority	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	Remarks
18	PLUMBING WORK	Sub Total	\$1,775,470	\$0	\$25,480	\$0	\$0	
19	Septic System	1	\$1,455,300	\$0	\$0	\$0	\$0	Building has two separate on-site septic systems. Complaints about sewer gas smells. Portion of system could be original to 1956 building. The 2015 BCS list the year of last major work 1970. Recommend replacing both systems and combining into a single system— estimate Budget number a preliminary estimate a further detailed analysis study is required to review with local health dept - Est for study \$20,000
20	ADA Upgrades	1	\$320,170	\$0	\$0	\$0	\$0	ADA upgrades to Gang toilet rooms near the Gymnasium
21	Water Supply system	3	\$0	\$0	\$14,560	\$0	\$0	Replace outdated isolation valves on the domestic water distribution systems to improve system serviceability and reliability and to provide lead free components in the domestic water system
22	Boiler room valves	3	\$0	\$0	\$10,920	\$0	\$0	Replace thermostatic mixing valve at water heater and domestic hot water piping in the Boiler Room

Item No.	Glenham Elementary	Priority	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	Remarks
23	ELECTRICAL WORK	Sub Total	\$80,050	\$225,580	\$647,620	\$0	\$0	
24	Emergency Lighting	1	\$80,050	\$0	\$0	\$0	\$0	Emergency lighting is old/outdated and needs to be upgraded
25	Emergency Generator	3	\$0	\$0	\$109,150	\$0	\$0	An Emergency Generator and ATS should be provide due to electrical brownouts in the area
26	Lighting Interior	3	\$0	\$0	\$480,250	\$0	\$0	Combination of old lay-in and surface mounted fluorescent fixtures. Lighting should be upgraded to energy efficient LED lighting
27	Lighting Exterior	3	\$0	\$0	\$58,220	\$0	\$0	Replace all Pole and Building mounted Site Lighting and Wall Packs with motion activated/dimming LED technology lighting. This is to include new poles, pole bases, underground and above ground power feeds.
28	Fire Alarm System	2	\$0	\$225,580	\$0	\$0	\$0	Replace entire fire alarm system with new addressable voice notification system. Replacement of all Peripherals and Fire Alarm Control Panel. (NYSED requirement for major renovations

Item No.	Glenham Elementary	Priority	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	Remarks
29	HVAC WORK	Sub Total	\$334,720	\$1,461,130	\$320,170	\$1,455,300	\$0	
30	Boiler Plant	2	\$0	\$436,590	\$0	\$0	\$0	Boilers are nearing end of useful life and recommend replacement. The new boiler system will consist of condensing boilers that will allow the system to operate to meet the varying heating loads throughout the shoulder and winter months. This arrangement will allow the boilers to operate at their premium efficiency
31	Unit Ventilators	2	\$0	\$937,220	\$0	\$0	\$0	Unit Ventilators (1956, 1987 & 1996) are nearing the end of their useful life, and replacement parts are either no longer available or difficult to obtain. Replacement is recommended.
32	Ventilation	1	\$334,720	\$0	\$0	\$0	\$0	Library, offices and small occupied spaces currently utilize natural ventilation (windows). NYSED 155.3 requires positive ventilation in all spaces. Adding Unit ventilators and fan coil units
33	Heating Pumps	2	\$0	\$87,320	\$0	\$0	\$0	Secondary loop heating pumps are nearing end of useful life and recommend replacement with replacement of ventilation system
34	AHU- Gym & Multipurpose rooms	3	\$0	\$0	\$320,170	\$0	\$0	Gym and all-purpose room (cafetorium) have difficult to access hanging air handling units. Recommend replacing with rooftop units for improved maintenance access and quieter acoustics.
35	Air Conditioning	4	\$0	\$0	\$0	\$1,455,300	\$0	Air conditioning to all of the classrooms and terminal equipment - UV replacement listed separately would be required. Proposed system would include: <ul style="list-style-type: none"> • Installation of an air-cooled chiller • Pumps • Piping distribution system
36	ED SPACE	Sub Total	\$0	\$0	\$0	\$0	\$0	
37	OTHER	Sub Total	\$0	\$0	\$0	\$0	\$0	
TOTALS BY PRIORITY:			\$2,206,250	\$2,552,620	\$1,983,630	\$1,455,300	\$0	
BUILDING TOTAL:			\$8,197,800					



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Building Totals by Category	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	TOTALS
Sargent Elementary						
GENERAL WORK SCOPE	\$123,710.00	\$551,610.00	\$0.00	\$0.00	\$0.00	\$675,320.00
SITE WORK SCOPE	\$250,320.00	\$0.00	\$0.00	\$0.00	\$0.00	\$250,320.00
PLUMBING WORK SCOPE	\$847,730.00	\$0.00	\$43,680.00	\$0.00	\$0.00	\$891,410.00
ELECTRICAL WORK SCOPE	\$130,980.00	\$342,010.00	\$982,350.00	\$0.00	\$0.00	\$1,455,340.00
HVAC WORK SCOPE	\$65,490.00	\$1,047,820.00	\$247,410.00	\$0.00	\$0.00	\$1,360,720.00
EDUCATIONAL SPACE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
OTHER	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals Project Cost per Group	\$1,418,230.00	\$1,941,440.00	\$1,273,440.00	\$0.00	\$0.00	\$4,633,110.00
Notes				Total SF 59,365	Grade PK-5	Year Built (Original) 1958
Total Project Cost Priority 1 & 2	\$3,359,670.00					MCA as of 12/15/20
Total Project Cost Priority 1 , 2 & 3	\$4,633,110.00					\$6,715,244
Total Project Cost Priority 1 , 2, 3 & 4	\$4,633,110.00					
Total Project Cost All Groups	\$4,633,110.00					

Item No.	Sargent Elementary	Priority	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	Remarks
1	GENERAL WORK SCOPE	Sub Total	\$123,710	\$551,610	\$0	\$0	\$0	
2	Masonry	2	\$0	\$14,560	\$0	\$0	\$0	Repair / Repoint exterior brick veneer walls-allowance
3	Louvers	2	\$0	\$14,560	\$0	\$0	\$0	Replace Louvers at all purpose rooms
4	Exterior Doors	2	\$0	\$4,370	\$0	\$0	\$0	Replace remaining exterior Hollow Metal Doors with FRP doors
5	Roof	2	\$0	\$8,740	\$0	\$0	\$0	Repair / Replace Roof & Flashing at Roof Elevations Changes such as the Elevator
6	Cafeteria and Purpose Room	2	\$0	\$101,880	\$0	\$0	\$0	Replace All Finishes, Floors, Walls & Ceilings.
7	Ceilings	2	\$0	\$123,710	\$0	\$0	\$0	Existing is a metal snap in system - replace with a 2x2 lay in to improve appearance/ acoustics and accessibility - Corridors
8	Interior Wood Doors	2	\$0	\$283,790	\$0	\$0	\$0	Replace non-rated wood doors at classrooms, add door closers to classroom doors
9	ADA Railings - Stairwells	1	\$123,710	\$0	\$0	\$0	\$0	Modify railings to meet ADA requirements

Item No.	Sargent Elementary	Priority	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	Remarks
10	SITE WORK	Sub Total	\$250,320	\$0	\$0	\$0	\$0	
11	ADA Ramp	1	\$133,890	\$0	\$0	\$0	\$0	Replace existing concrete sidewalk ADA ramp along bus drop-off loop at front of building. Existing concrete has non-compliant ADA curb ramp without tactile delineation plates
12	Sidewalks/Ramps	1	\$50,940	\$0	\$0	\$0	\$0	Replace existing concrete ramp and sidewalks from northwest front entrances to bus loop sidewalk. Existing ramp does not meet code with no level landing at doorway, and very steep slope making it hazardous to use
13	ADA Provisions		\$0	\$0	\$0	\$0	\$0	Provide revisions to layout to meet ADA requirements for parking, including sidewalk, signage, grading and striping. Current front ADA parking spaces are not compliant regarding direct access, slope and signage
14	Northwest ADA Parking Lot	1	\$21,830	\$0	\$0	\$0	\$0	
15	Southeast ADA Parking Lot	1	\$43,660	\$0	\$0	\$0	\$0	

Item No.	Sargent Elementary	Priority	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	Remarks
16	PLUMBING WORK	Sub Total	\$847,730	\$0	\$43,680	\$0	\$0	
17	Water Service	1	\$58,220	\$0	\$0	\$0	\$0	Replace galvanized water service to building. Elbow in boiler room appears to have corroded to the point of leaking.
18	Grease Interceptor	1	\$18,200	\$0	\$0	\$0	\$0	Replace grease interceptor in the Kitchen – estimate \$12,500. Includes floor cutting and patching
19	Classroom Sinks	1	\$43,660	\$0	\$0	\$0	\$0	Replace six dated classroom sinks, 4'-0" base cabinet and countertops to improve operation, appearance and serviceability. Replacement sinks would include a separate bubbler to provide required separation distance between sink and bubbler and provide handicap accessibility
20	Water Systems	3	\$0	\$0	\$14,560	\$0	\$0	Replace outdated isolation valves on the domestic water distribution systems to improve system serviceability and reliability and to provide lead free components in the domestic water system
21	Water Systems- Storage tank	3	\$0	\$0	\$14,560	\$0	\$0	Remove domestic hot water storage tank that was abandoned in place
22	Boiler room	3	\$0	\$0	\$14,560	\$0	\$0	Replace thermostatic mixing valve, two recirculation pumps at water heater and simplify domestic hot water piping in the Boiler Room
23	Student toilets	1	\$727,650	\$0	\$0	\$0	\$0	Renovate lower level gang toilet room to provide separate rest rooms for boys and girls. Renovations could push into adjacent spaces in order to create second rest room- Further study needed

Item No.	Sargent Elementary	Priority	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	Remarks
24	ELECTRICAL WORK	Sub Total	\$130,980	\$342,010	\$982,350	\$0	\$0	
25	Emergency Lighting	1	\$130,980	\$0	\$0	\$0	\$0	Emergency lighting is old/outdated and needs to be upgraded
26	Emergency Generator	3	\$0	\$0	\$160,090	\$0	\$0	An Emergency Generator and ATS should be provide due to electrical brownouts in the area
27	Lighting Interior	3	\$0	\$0	\$698,550	\$0	\$0	Combination of old lay-in and surface mounted fluorescent fixtures. Lighting should be upgraded to energy efficient LED lighting
28	Lighting Exterior	3	\$0	\$0	\$123,710	\$0	\$0	Replace all Pole and Building mounted Site Lighting and Wall Packs with motion activated/dimming LED technology lighting. This is to include new poles, pole bases, underground and above ground power feeds.
29	Fire Alarm System	2	\$0	\$327,450	\$0	\$0	\$0	Replace entire fire alarm system with new addressable voice notification system. Replacement of all Peripherals and Fire Alarm Control Panel. (NYSER requirement for major renovations
30	Electric sub panel	2	\$0	\$14,560	\$0	\$0	\$0	In the kitchen room E03 at the location of dish washer the branch circuit panel is rusted. This panel needs to be replaced and relocated

Item No.	Sargent Elementary	Priority	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	Remarks
31	HVAC WORK	Sub Total	\$65,490	\$1,047,820	\$247,410	\$0	\$0	
32	Boiler Plant	2	\$0	\$436,590	\$0	\$0	\$0	Boilers are nearing end of useful life and recommend replacement. The new boiler system will consist of condensing boilers that will allow the system to operate to meet the varying heating loads throughout the shoulder and winter months. This arrangement will allow the boilers to operate at their premium efficiency. Useful Life 8 years
33	Ventilation	2	\$0	\$611,230	\$0	\$0	\$0	8 Unit Ventilators (1987 & 1999) and 3 fan coil units are nearing the end of their useful life, and replacement parts are either no longer available or difficult to obtain. Replacement is recommended. Nurses currently utilizes natural ventilation (windows) and gym office has no ventilation. Recommend providing mechanical ventilation. Provide exhaust for First floor Boys toilet (adjacent to elevator). Replace 12 exhaust fans (circa 1970) on roof serving original building. Replace dishwasher exhaust inline fan. Useful life 5 years
34	RTU	3	\$0	\$0	\$189,190	\$0	\$0	Gym HVAC system is a built-up system (circa 1970) with pumped duct HW coil and roof fan and mixing box. Recommend replacing with rooftop unit for improved maintenance access, quieter acoustics and improved thermal comfort.
35	Ventilation	1	\$65,490	\$0	\$0	\$0	\$0	NYSED 155.3 requires mechanical ventilation to gym office and nurses office
36	Ventilation- AC	3	\$0	\$0	\$58,220	\$0	\$0	Window air conditioners are inefficient, noisy and allow air leakage in/out of open window. They generally only last a few years before requiring replacement. Consider replacing window air conditioners with split air conditioning systems.
37	ED SPACE	Sub Total	\$0	\$0	\$0	\$0	\$0	
38	OTHER	Sub Total	\$0	\$0	\$0	\$0	\$0	
TOTALS BY PRIORITY:			\$1,418,230	\$1,941,440	\$1,273,440	\$0	\$0	
BUILDING TOTAL:			\$4,633,110					



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Building Totals by Category	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	TOTALS
South Ave Elementary						
GENERAL WORK SCOPE	\$14,560.00	\$82,240.00	\$97,520.00	\$0.00	\$0.00	\$194,320.00
SITE WORK SCOPE	\$0.00	\$454,070.00	\$8,740.00	\$0.00	\$0.00	\$462,810.00
PLUMBING WORK SCOPE	\$32,750.00	\$0.00	\$14,560.00	\$0.00	\$0.00	\$47,310.00
ELECTRICAL WORK SCOPE	\$101,880.00	\$270,690.00	\$676,720.00	\$0.00	\$0.00	\$1,049,290.00
HVAC WORK SCOPE	\$218,300.00	\$0.00	\$138,260.00	\$0.00	\$0.00	\$356,560.00
EDUCATIONAL SPACE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
OTHER	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals Project Cost per Group	\$367,490.00	\$807,000.00	\$935,800.00	\$0.00	\$0.00	\$2,110,290.00
Notes				Total SF 46,325	Grade PK-5	Year Built (Original) 1928
Total Project Cost Priority 1 & 2	\$1,174,490.00					MCA as of 12/15/20
Total Project Cost Priority 1 , 2 & 3	\$2,110,290.00					\$12,774,879
Total Project Cost Priority 1 , 2, 3 & 4	\$2,110,290.00					
Total Project Cost All Groups	\$2,110,290.00					

Item No.	South Ave Elementary	Constructio n Cost 2021	Priority	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	Remarks
1	GENERAL WORK SCOPE		Sub Total	\$14,560	\$82,240	\$97,520	\$0	\$0	
2	Exterior Doors	\$12,000	2	\$0	\$17,470	\$0	\$0	\$0	Repair / Repoint exterior brick veneer walls-allowance
3	Masonry	\$40,000	2	\$0	\$58,220	\$0	\$0	\$0	Repair / Repoint exterior brick veneer walls-allowance
4	Exterior Painting	\$4,500	2	\$0	\$6,550	\$0	\$0	\$0	Paint Kitchen Wing exterior
5	Code on Window Exit	\$10,000	1	\$14,560	\$0	\$0	\$0	\$0	Replace Faculty room escape window with larger opening
6	Ceilings- Stairwells	\$55,000	3	\$0	\$0	\$80,050	\$0	\$0	Replace Slat Ceilings in 1986 Stairwells
7	Flooring Stage	\$12,000	3	\$0	\$0	\$17,470	\$0	\$0	Replace Stage Flooring
8	SITE WORK		Sub Total	\$0	\$454,070	\$8,740	\$0	\$0	
9	Paving - Front	\$140,000	2	\$0	\$203,750	\$0	\$0	\$0	Replace existing asphalt at front entrance drop-off loop with full-depth paving, as existing pavement is at the end of its useful life, with evident distress, including cracking, separation at patching seams, loss of emulsifiers weakening pavement, alligator cracking and differential settlement
10	Paving - Rear	\$172,000	2	\$0	\$250,320	\$0	\$0	\$0	Replace existing asphalt at rear service drive, and additional paving at lawn areas difficult to maintain by the District, as existing pavement is at the end of its useful life, with evident distress, including cracking, separation at patching seams, loss of emulsifiers weakening pavement, alligator cracking and differential settlement. Provide concrete pads for two trash receptacles
11	Concrete Pads	\$6,000	3	\$0	\$0	\$8,740	\$0	\$0	Provide concrete pads for two trash receptacles.

Item No.	South Ave Elementary	Construction Cost 2021	Priority	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	Remarks
12	PLUMBING WORK		Sub Total	\$32,750	\$0	\$14,560	\$0	\$0	
13	Kitchen	\$20,000	1	\$29,110	\$0	\$0	\$0	\$0	Reported the floor sink in the Kitchen cannot keep up with the steam kettle. No evidence of a grease trap in kitchen. Replace floor sink waste line and add grease trap to Kitchen
14	Water Supply system	\$10,000	3	\$0	\$0	\$14,560	\$0	\$0	Replace outdated isolation valves on the domestic water distribution systems to improve system serviceability and reliability and to provide lead free components in the domestic water system
15	RPZ-Boiler room	\$2,500	1	\$3,640	\$0	\$0	\$0	\$0	Add an RPZ backflow preventer to the boiler water make-up line
16	ELECTRICAL WORK		Sub Total	\$101,880	\$270,690	\$676,720	\$0	\$0	
17	Emergency Lighting	\$70,000	1	\$101,880	\$0	\$0	\$0	\$0	Emergency lighting is old/outdated and needs to be upgraded
18	Emergency Generator	\$90,000	3	\$0	\$0	\$130,980	\$0	\$0	An Emergency Generator and ATS should be provide due to electrical brownouts in the area
19	Lighting Interior	\$375,000	3	\$0	\$0	\$545,740	\$0	\$0	Lighting should be upgraded to energy efficient LED lighting
20	Fire Alarm System	\$175,000	2	\$0	\$254,680	\$0	\$0	\$0	Fire Lite by Honeywell MS-9600UDLS addressable system. Horn/Strobes in classrooms, gym, cafeteria, offices and common spaces. The system is old and needs to be replaced. Replacement of all Peripherals and Fire Alarm Control Panel. (NYSED requirement for major renovations
21	Electric sub panel	\$11,000	2	\$0	\$16,010	\$0	\$0	\$0	Branch circuit panel at stage needs to be replaced

Item No.	South Ave Elementary	Construction Cost 2021	Priority	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	Remarks
22	HVAC WORK		Sub Total	\$218,300	\$0	\$138,260	\$0	\$0	
23	Controls	\$75,000	3	\$0	\$0	\$109,150	\$0	\$0	Remove pneumatic controls from corridor heating units to eliminate pneumatic controls from building
24	Ventilation	\$150,000	1	\$218,300	\$0	\$0	\$0	\$0	4 offices (2 in 1986 addition, 2 adjacent to stage) currently utilizes natural ventilation (windows). Per NYSED 155.3 need positive ventilation with unit ventilators- Includes new piping and pumping from boiler room and controls
25	Boiler room -Relief Fan	\$20,000	3	\$0	\$0	\$29,110	\$0	\$0	Provide heat relief fan for overheating boiler room and insulate steam and steam condensate piping in boiler room to reduce overheating of room.
26	ED SPACE		Sub Total	\$0	\$0	\$0	\$0	\$0	
27	OTHER		Sub Total	\$0	\$0	\$0	\$0	\$0	
TOTALS BY PRIORITY:				\$367,490	\$807,000	\$935,800	\$0	\$0	
BUILDING TOTAL:				\$2,110,290					



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Building Totals by Category	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	TOTALS
Rombout Middle School						
GENERAL WORK SCOPE	\$21,830.00	\$3,156,930.00	\$924,140.00	\$0.00	\$0.00	\$4,102,900.00
SITE WORK SCOPE	\$548,650.00	\$1,237,020.00	\$147,720.00	\$0.00	\$0.00	\$1,933,390.00
PLUMBING WORK SCOPE	\$21,840.00	\$1,819,130.00	\$29,120.00	\$0.00	\$0.00	\$1,870,090.00
ELECTRICAL WORK SCOPE	\$145,530.00	\$1,724,550.00	\$2,292,110.00	\$0.00	\$0.00	\$4,162,190.00
HVAC WORK SCOPE	\$836,800.00	\$509,360.00	\$669,450.00	\$0.00	\$0.00	\$2,015,610.00
EDUCATIONAL SPACE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
OTHER	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals Project Cost per Group	\$1,574,650.00	\$8,446,990.00	\$4,062,540.00	\$0.00	\$0.00	\$14,084,180.00
Notes				Total SF 145.630	Grade 6-8	Year Built (Original) 1963
Total Project Cost Priority 1 & 2	\$10,021,640.00					MCA as of 12/15/20
Total Project Cost Priority 1 , 2 & 3	\$14,084,180.00					\$24,396,784
Total Project Cost Priority 1 , 2, 3 & 4	\$14,084,180.00					
Total Project Cost All Groups	\$14,084,180.00					

Item No.	Rombout Middle School	Priority	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	Remarks
1	GENERAL WORK SCOPE	Sub Total	\$21,830	\$3,156,930	\$924,140	\$0	\$0	
2	Masonry	2	\$0	\$14,560	\$0	\$0	\$0	Repair / Repoint exterior brick veneer walls-allowance
3	Masonry -control joints	2	\$0	\$1,820	\$0	\$0	\$0	Masonry control and expansion joints need to be re caulked
4	Exterior Doors	2	\$0	\$21,830	\$0	\$0	\$0	Replace remaining exterior Hollow Metal Doors with FRP doors
5	Exterior Soffits	2	\$0	\$4,370	\$0	\$0	\$0	Replace Soffits at small canopies in the rear
6	Roofs	2	\$0	\$2,706,860	\$0	\$0	\$0	Replace selective roof areas at B, E, & F wings
7	Floorings - VAT	3	\$0	\$0	\$203,750	\$0	\$0	Abate and replace VAT in 1963 areas-allowance
8	Ceilings- Corridors	2	\$0	\$407,490	\$0	\$0	\$0	Corridor Ceilings are in poor condition, replace with new 2x2 to improve appearance and sound
9	Interior Wood Doors	3	\$0	\$0	\$611,230	\$0	\$0	Replace non-rated wood doors at 1classrooms, add door closers to classroom doors
10	Smoke Barrier	1	\$21,830	\$0	\$0	\$0	\$0	Add smoke barrier at D wing stairs.to prevent smoke from traveling between floors - CODE item
11	Stage Floor	3	\$0	\$0	\$14,560	\$0	\$0	Refinish flooring
12	Corridor Lockers	3	\$0	\$0	\$50,940	\$0	\$0	Replace lockers in various area with a two tiered type-Selective (100)
13	Library Carpet	3	\$0	\$0	\$43,660	\$0	\$0	Replace

Item No.	Rombout Middle School	Priority	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	Remarks
14	SITE WORK	Sub Total	\$548,650	\$1,237,020	\$147,720	\$0	\$0	
15	Parent Drop off / Parking Area							Replace existing asphalt at parent drop-off loop and adjacent parking lot with full-depth paving, as existing pavement is at the end of its useful life, with evident distress, including cracking, separation at patching seams, loss of emulsifiers weakening pavement, alligator cracking and differential settlement.
	Parent Drop off	2	\$0	\$327,450	\$0	\$0	\$0	
	Adjacent Parking Area	2	\$0	\$211,020	\$0	\$0	\$0	
18	Sidewalks/Ramp-ADA	1	\$87,320	\$0	\$0	\$0	\$0	Replace existing concrete sidewalk ADA ramp along parent drop-off loop at north side of building. Existing concrete has non-compliant ADA curb ramp without tactile delineation plates
19	ADA Provisions							Provide revisions to layout to meet ADA requirements for parking, including sidewalk, signage, grading and striping. Current front ADA parking spaces are not compliant regarding direct access, slope and signage. -Included in Estimates
20	Bus Loop / Parking Area							Replace existing asphalt at bus drop-off loop and adjacent parking lot with full-depth paving, as existing pavement is at the end of its useful life, with evident distress, including cracking, separation at patching seams, loss of emulsifiers weakening pavement, alligator cracking and differential settlement. Principal has recommended redesign to incorporate chevron style parking if feasible, as student safety would be improved from the current "nose to toes" layout. Existing lot grading is fairly steep, with recommended slope percentages being exceeded in many locations. Not that reconfiguration of the drop off to meet these needs will require regrading and possibly some low retaining wall areas to manage grade transitions and will also likely result in less overall parking spaces to achieve
	Bus Loop	1	\$436,590	\$0	\$0	\$0	\$0	
	Adjacent Parking Area	2	\$0	\$698,550	\$0	\$0	\$0	
23	ADA Ramp/ Bus drop off	1	\$24,740	\$0	\$0	\$0	\$0	Replace existing concrete sidewalk ADA ramping along bus drop-off loop at west side of building. Existing concrete has non-compliant ADA curb ramp without tactile delineation plates or with damaged plates where present

Item No.	Rombout Middle School	Priority	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	Remarks
24	Bus Traffic Reconfiguration	3	\$0	\$0	\$2,190	\$0	\$0	It would recommend allowing Bus traffic to enter the site along the south entrance drive to reduce congestion at the main lot entrance. Passenger car traffic should not be allowed. New traffic/parking lot signage and striping
25	Service Drive Paving	3	\$0	\$0	\$145,530	\$0	\$0	Replace existing asphalt at westerly service drive and receiving area, with full-depth paving, as existing pavement is at the end of its useful life, with evident distress, including cracking, separation at patching seams, loss of emulsifiers weakening pavement, alligator cracking and differential settlement. Provide additional pavement in lawn areas worn by vehicle traffic to reduce long term maintenance by the District.

Item No.	Rombout Middle School	Priority	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	Remarks
26	PLUMBING WORK	Sub Total	\$21,840	\$1,819,130	\$29,120	\$0	\$0	
27	Grease Interceptor	1	\$18,200	\$0	\$0	\$0	\$0	Replace grease interceptor in the Kitchen -. Includes floor cutting and patching.
28	Student Toilet Room Renovations	2	\$0	\$1,819,130	\$0	\$0	\$0	Existing student toilet rooms first and second floor, need upgrades Total of 6 - Renovation includes fixtures/flooring/ceilings/lighting and ventilation. Upgrades would also include ADA compliance.
29	Water Systems- Storage tank	3	\$0	\$0	\$14,560	\$0	\$0	Remove domestic hot water storage tank that was abandoned in place
30	Boiler room	3	\$0	\$0	\$14,560	\$0	\$0	Replace thermostatic mixing valve, two recirculation pumps at water heater and simplify domestic hot water piping in the Boiler Room
31	Boiler room eyewash	1	\$3,640	\$0	\$0	\$0	\$0	Add an emergency eyewash to the Boiler Room

Item No.	Rombout Middle School	Priority	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	Remarks
32	ELECTRICAL WORK	Sub Total	\$145,530	\$1,724,550	\$2,292,110	\$0	\$0	
33	Switch Gear	2	\$0	\$676,720	\$0	\$0	\$0	1200 AMP, 240/120v 3ph. 3w, GE switchboard- The main switchboard, distribution and branch circuit panels are old and in bad condition and need to be replaced.
34	Primary Service	2	\$0	\$247,410	\$0	\$0	\$0	Replace the Primary Electrical service from the street, Main Switchgear, distribution and branch circuit panels.
35	Emergency Lighting	1	\$145,530	\$0	\$0	\$0	\$0	Emergency lighting is old/outdated and needs to be upgraded
36	Emergency Generator	3	\$0	\$0	\$392,940	\$0	\$0	An Emergency Generator and ATS should be provide due to electrical brownouts in the area
37	Lighting Interior	3	\$0	\$0	\$1,746,360	\$0	\$0	Combination of old lay-in and surface mounted fluorescent fixtures. Lighting should be upgraded to energy efficient LED lighting
38	Lighting Exterior	3	\$0	\$0	\$152,810	\$0	\$0	Replace all Pole and Building mounted Site Lighting and Wall Packs with motion activated/dimming LED technology lighting. This is to include new poles, pole bases, underground and above ground power feeds.
39	Fire Alarm System	2	\$0	\$800,420	\$0	\$0	\$0	Replace entire fire alarm system with new addressable voice notification system. Replacement of all Peripherals and Fire Alarm Control Panel. (NYSED requirement for major renovations

Item No.	Rombout Middle School	Priority	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	Remarks
40	HVAC WORK	Sub Total	\$836,800	\$509,360	\$669,450	\$0	\$0	
41	Boiler Plant	2	\$0	\$436,590	\$0	\$0	\$0	Boilers are nearing end of useful life and recommend replacement. The new boiler system will consist of condensing boilers that will allow the system to operate to meet the varying heating loads throughout the shoulder and winter months. This arrangement will allow the boilers to operate at their premium efficiency Useful Life 6 years
42	Boiler Rm Heating Pumps	2	\$0	\$72,770	\$0	\$0	\$0	Replace heating pumps with boiler and ventilation equipment. Configure with variable speed pumps
43	Ventilation	1	\$836,800	\$0	\$0	\$0	\$0	NYSED 155.3 requires power exhaust in occupied spaces First floor classrooms (in A, B, C, D and F wings) currently utilizes natural ventilation (windows). Recommend providing mechanical ventilation. Provide exhaust and relief air fans for upgraded ventilation classrooms. Includes DDC controls
44	Gym -Ventilation Units	3	\$0	\$0	\$174,640	\$0	\$0	Existing four gym units are loud, suspended in gym (with stage). Recommend replacing with two rooftop unit for improved maintenance access, quieter acoustics and improved thermal comfort. Includes DDC controls
45	Cafeteria -Ventilation Units	3	\$0	\$0	\$174,640	\$0	\$0	Two heating and ventilating units serving cafeteria are suspended in adjacent storage rooms, with no access for maintenance and repairs. Recommend replacing with two rooftop unit for improved maintenance access and quieter acoustics. Includes DDC controls
46	2nd Floor Classrooms	3	\$0	\$0	\$320,170	\$0	\$0	Classrooms overheat, and installed unit ventilators contain DX cooling coils for future outdoor condensing units. Provide condensing units to allow air conditioning.
47	ED SPACE	Sub Total	\$0	\$0	\$0	\$0	\$0	
48	OTHER	Sub Total	\$0	\$0	\$0	\$0	\$0	
TOTALS BY PRIORITY:			\$1,574,650	\$8,446,990	\$4,062,540	\$0	\$0	
BUILDING TOTAL:			\$14,084,180					



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Building Totals by Category	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	TOTALS
Beacon City High School						
GENERAL WORK SCOPE	\$0.00	\$1,338,880.00	\$0.00	\$0.00	\$0.00	\$1,338,880.00
SITE WORK SCOPE	\$7,280.00	\$2,088,370.00	\$1,870,100.00	\$0.00	\$0.00	\$3,965,750.00
PLUMBING WORK SCOPE	\$774,960.00	\$3,640.00	\$0.00	\$0.00	\$0.00	\$778,600.00
ELECTRICAL WORK SCOPE	\$189,190.00	\$1,135,140.00	\$2,706,860.00	\$0.00	\$0.00	\$4,031,190.00
HVAC WORK SCOPE	\$1,460.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,460.00
EDUCATIONAL SPACE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
OTHER	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals Project Cost per Group	\$972,890.00	\$4,566,030.00	\$4,576,960.00	\$0.00	\$0.00	\$10,115,880.00
Notes				Total SF 208,000	Grade 9-12	Built (original) 2002
Total Project Cost Priority 1 & 2	\$5,538,920.00					MCA as of 12/15/20
Total Project Cost Priority 1 , 2 & 3	\$10,115,880.00					\$58,343,151
Total Project Cost Priority 1 , 2, 3 & 4	\$10,115,880.00					
Total Project Cost All Groups	\$10,115,880.00					

Item No.	Beacon City High School	Priority	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	Remarks
1	GENERAL WORK SCOPE	Sub Total	\$0	\$1,338,880	\$0	\$0	\$0	
2	Exterior Doors	2	\$0	\$29,110	\$0	\$0	\$0	Replace / Adjust Exterior Door Closers.
3	Roofs	2	\$0	\$1,309,770	\$0	\$0	\$0	Replace Roofs over the Locker Rooms, Pool Filter/D Wings
4	SITE WORK	Sub Total	\$7,280	\$2,088,370	\$1,870,100	\$0	\$0	
5	Tennis Courts	2	\$0	\$1,506,240	\$0	\$0	\$0	Replace (8) existing tennis courts with full-depth asphalt, and color-coated surfacing. Replacement to included black-vinyl coated perimeter fencing, new tennis posts and netting, windscreen. Existing courts reflect cracking and frost heave and have been repaired / patched previously. General drainage at courts appears to be adequate
6	Paving -Secondary Lot	2	\$0	\$480,250	\$0	\$0	\$0	Replace existing asphalt paving at secondary parking lot near bus loop entrance with new full-depth pavement, as existing pavement is at the end of its useful life, with evident distress, including cracking, separation at patching seams, loss of emulsifiers weakening pavement, alligator cracking and differential settlement
7	ADA - Sidewalks/Ramps							Replace existing concrete sidewalk ADA ramping areas along front of building and within the parking lot. Existing concrete has non-compliant ADA curb ramps without tactile delineation plates.
			\$0	\$0	\$0	\$0	\$0	Option 1: ADA Ramp Ductile-\$ 30,000
		1	\$7,280	\$0	\$0	\$0	\$0	Option 2: ADA Ramp Truncated Domes Surface Applied Retrofit - \$5,000

Item No.	Beacon City High School	Priority	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	Remarks
8	Paving							Recommend routine schedule of top course and binder milling, with spot repair, and new installation of asphalt binder and top within the next 5-years to avoid full-depth replacement at existing paving. Pavement is beginning to indicate signs of stress, with cracks forming, uneven settlement and a loss of emulsifiers weakening pavement. It recommends focus on the following be milled / paved, with spot repair. Delay in paving may result in requiring full-depth replacement. It also suggests routine asphalt crack filling / sealing to extend pavement life
9	Bus drop off loop and entrance / exit drives	3	\$0	\$0	\$472,980	\$0	\$0	
10	Parent drop off loop and entrance / exit drive	3	\$0	\$0	\$305,620	\$0	\$0	
11	Passenger car parking lot at bus drop off loop.	2	\$0	\$101,880	\$0	\$0	\$0	
12	Athletic facility parking lot	3	\$0	\$0	\$509,360	\$0	\$0	
13	Service drive at receiving area	3	\$0	\$0	\$29,110	\$0	\$0	
14	Service drive / sidewalk along NE of building	3	\$0	\$0	\$14,560	\$0	\$0	(Recommend additional pavement be added when paved to reduce long-term maintenance for the District due to vehicle traffic on existing lawn areas.)
15	Service drive / sidewalk along south and west of building.	3	\$0	\$0	\$480,250	\$0	\$0	
16	Access sidewalk from HS to MS near tennis courts.	3	\$0	\$0	\$58,220	\$0	\$0	
17	PLUMBING WORK	Sub Total	\$774,960	\$3,640	\$0	\$0	\$0	
18	Pool Finish	1	\$727,650	\$0	\$0	\$0	\$0	Replace finish in the pool. Marcite plaster with tiled lane markers
19	Pool Gutters	2	\$0	\$3,640	\$0	\$0	\$0	Surface rust accumulation at pool gutters. Budget is for Camera inspection of stainless-steel gutter compartments and power flush
20	Hot water Storage Tank	1	\$29,110	\$0	\$0	\$0	\$0	Replace leaking hot water storage tank
21	Grease Interceptor	1	\$18,200	\$0	\$0	\$0	\$0	Replace grease interceptor in the Kitchen -. Includes floor cutting and patching
22	ELECTRICAL WORK	Sub Total	\$189,190	\$1,135,140	\$2,706,860	\$0	\$0	
23	Emergency Lighting	1	\$189,190	\$0	\$0	\$0	\$0	Emergency lighting is old/outdated and needs to be upgraded

Item No.	Beacon City High School	Priority	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	Remarks
24	Lighting Interior	3	\$0	\$0	\$2,474,010	\$0	\$0	Combination of old lay-in and surface mounted fluorescent fixtures. Lighting should be upgraded to energy efficient LED lighting
25	Lighting Exterior	3	\$0	\$0	\$232,850	\$0	\$0	Replace all Pole and Building mounted Site Lighting and Wall Packs with motion activated/dimming LED technology lighting. This is to include new poles, pole bases, underground and above ground power feeds.
26	Fire Alarm System	2	\$0	\$1,135,140	\$0	\$0	\$0	Replace entire fire alarm system with new addressable voice notification system. Replacement of all Peripherals and Fire Alarm Control Panel. (NYSED requirement for major renovations
27	HVAC WORK	Sub Total	\$1,460	\$0	\$0	\$0	\$0	
28	Condensate Trap	1	\$1,460	\$0	\$0	\$0	\$0	ACU-D3 has improperly installed condensate trap
29	Humidity Issue		\$0	\$0	\$0	\$0	\$0	This building wide issue requires further study. There a proposal to start with modifications to piping - \$40K
30	ED SPACE	Sub Total	\$0	\$0	\$0	\$0	\$0	
31	OTHER	Sub Total	\$0	\$0	\$0	\$0	\$0	
TOTALS BY PRIORITY:			\$972,890	\$4,566,030	\$4,576,960	\$0	\$0	
BUILDING TOTAL:			\$10,115,880					



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Building Totals by Category	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	TOTALS
District Administration						
GENERAL WORK SCOPE	\$189,200.00	\$145,530.00	\$43,670.00	\$0.00	\$0.00	\$378,400.00
SITE WORK SCOPE	\$6,550.00	\$18,640.00	\$698,550.00	\$0.00	\$0.00	\$723,740.00
PLUMBING WORK SCOPE	\$109,150.00	\$0.00	\$0.00	\$0.00	\$0.00	\$109,150.00
ELECTRICAL WORK SCOPE	\$30,570.00	\$87,320.00	\$189,190.00	\$0.00	\$0.00	\$307,080.00
HVAC WORK SCOPE	\$0.00	\$0.00	\$873,190.00	\$0.00	\$0.00	\$873,190.00
Totals Project Cost per Group	\$335,470.00	\$251,490.00	\$1,804,600.00	\$0.00	\$0.00	\$2,391,560.00
Notes				Total SF 15,800		Year Built (Original) 1964
Total Project Cost Priority 1 & 2	\$586,960.00					
Total Project Cost Priority 1 ,2 & 3	\$2,391,560.00					
Total Project Cost Priority 1 ,2, 3 & 4	\$2,391,560.00					
Total Project Cost All Groups	\$2,391,560.00					

Item No.	District Administration	Priority	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	Remarks
1	GENERAL WORK SCOPE	Sub Total	\$189,200	\$145,530	\$43,670	\$0	\$0	
2	Masonry	3	\$0	\$0	\$29,110	\$0	\$0	Repair / Repoint exterior brick veneer walls.
3	Canopies	3	\$0	\$0	\$14,560	\$0	\$0	Replace both Canopies allowance
4	Fire Rated Walls	1	\$72,770	\$0	\$0	\$0	\$0	Storage Room walls and doors need to be fire rated
5	ADA Requirements	1	\$0	\$0	\$0	\$0	\$0	Overall, ADA Accessibility is needed, Ramps, Elevator, Restrooms, Railings, Hardware, etc.
6	Elevator		\$0	\$0	\$0	\$0	\$0	This Option is \$260,000
7	Ramp	1	\$116,430	\$0	\$0	\$0	\$0	
8	Rails/Hardware	2	\$0	\$145,530	\$0	\$0	\$0	
9	SITE WORK	Sub Total	\$6,550	\$18,640	\$698,550	\$0	\$0	
10	Paving	3	\$0	\$0	\$698,550	\$0	\$0	Replace all existing asphalt access drives and staff/visitor parking lot at perimeter of building with full-depth paving, as existing pavement is at the end of its useful life, with evident distress, including cracking, separation at patching seams, loss of emulsifiers weakening pavement, alligator cracking and differential settlement
11	ADA	1	\$6,550	\$0	\$0	\$0	\$0	Provide new/additional traffic signage, including ADA parking / No parking signage
12	Entrance Pad	2	\$0	\$5,970	\$0	\$0	\$0	Provide concrete pad at entrance door, in lieu of asphalt, which has settled and is collecting storm water runoff
13	Entrance Stairs -Repair	2	\$0	\$8,010	\$0	\$0	\$0	Repair front entrance stair and basement access stair. Existing concrete is showing distress, with cracking and spalling evident.
14	Entrance Stairs -Replace		\$0	\$0	\$0	\$0	\$0	Front Entry Stair - Replacement Option - \$60,000
15	Entrance Stairs -Repair	2	\$0	\$4,660	\$0	\$0	\$0	Repair 9 treads and risers where spalling / damaged exists. Paint rails
16	PLUMBING WORK	Sub Total	\$109,150	\$0	\$0	\$0	\$0	
17	ADA - Toilet facility	1	\$109,150	\$0	\$0	\$0	\$0	There is no ADA compliant facility - further study required to determine actual feasibility - budget number is a place holder

Item No.	District Administration	Priority	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	Remarks
18	ELECTRICAL WORK	Sub Total	\$30,570	\$87,320	\$189,190	\$0	\$0	
19	Emergency Lighting	1	\$30,570	\$0	\$0	\$0	\$0	Emergency lighting is old/outdated and needs to be upgraded
20	Lighting Interior	3	\$0	\$0	\$189,190	\$0	\$0	Combination of old lay-in and surface mounted fluorescent fixtures. Lighting should be upgraded to energy efficient LED lighting
21	Fire Alarm System	2	\$0	\$87,320	\$0	\$0	\$0	Replace entire fire alarm system with new addressable voice notification system. Replacement of all Peripherals and Fire Alarm Control Panel. (NYSEB requirement for major renovations
22	HVAC WORK	Sub Total	\$0	\$0	\$873,190	\$0	\$0	
23	Boiler	3	\$0	\$0	\$218,300	\$0	\$0	Existing hot water boiler is 68% efficient and nearing end of useful life. Considering boiler is sole source of heat in building, recommend replacement prior to catastrophic failure. Recommend two wall-hung 90+% efficiency boilers and pumps to service entire building. Useful life 7 years
24	Ventilation	3	\$0	\$0	\$363,830	\$0	\$0	Operable windows, although still code compliant, are not practical in this climate during the heating season. Consider a dedicated ventilation system incorporating energy recovery to deliver ventilation to every occupied space.
25	Air Condition	3	\$0	\$0	\$291,060	\$0	\$0	Window air conditioners are inefficient, noisy and allow air leakage in/out of open window. They generally only last a few years before requiring replacement. Consider replacing with a variable refrigerant flow system to air condition the whole building.
TOTALS BY PRIORITY:			\$335,470	\$251,490	\$1,804,600	\$0	\$0	
BUILDING TOTAL:			\$2,391,560					



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Building Totals by Category	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	TOTALS
Hammond Storage						
GENERAL WORK SCOPE	\$0.00	\$0.00	\$37,850.00	\$0.00	\$0.00	\$37,850.00
SITE WORK SCOPE	\$0.00	\$72,770.00	\$0.00	\$0.00	\$0.00	\$72,770.00
PLUMBING WORK SCOPE	\$21,830.00	\$0.00	\$0.00	\$0.00	\$0.00	\$21,830.00
ELECTRICAL WORK SCOPE	\$10,190.00	\$0.00	\$14,560.00	\$0.00	\$0.00	\$24,750.00
HVAC WORK SCOPE	\$0.00	\$0.00	\$0.00	\$36,390.00	\$0.00	\$36,390.00
Totals Project Cost per Group	\$32,020.00	\$72,770.00	\$52,410.00	\$36,390.00	\$0.00	\$193,590.00
Notes				Total SF 1,200		Year Built (Original) 1987
Total Project Cost Priority 1 & 2	\$104,790.00					
Total Project Cost Priority 1 ,2 & 3	\$157,200.00					
Total Project Cost Priority 1 ,2, 3 & 4	\$193,590.00					
Total Project Cost All Groups	\$193,590.00					

Item No.	Hammond Storage	Priority	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	Remarks	
1	GENERAL WORK SCOPE	Sub Total	\$0	\$0	\$37,850	\$0	\$0		
2	Siding	3	\$0	\$0	\$29,110	\$0	\$0	Repair / Replace Exterior Plywood Siding.	
3	Exterior Doors	3	\$0	\$0	\$8,740	\$0	\$0	Replace with new	
4	SITE WORK	Sub Total	\$0	\$72,770	\$0	\$0	\$0		
5	Asphalt	2	\$0	\$72,770	\$0	\$0	\$0	Replace asphalt at perimeter of building, as existing pavement is at the end of its useful life, with evident distress, including cracking, separation at patching seams, alligator cracking and differential settlement	
6	PLUMBING WORK	Sub Total	\$21,830	\$0	\$0	\$0	\$0		
7	Staff Plumbing fixtures	1	\$21,830	\$0	\$0	\$0	\$0	Replace plumbing fixtures and provide some ADA accessibility. Price includes adding electric instantaneous hot water at hand washing plumbing fixtures	
8	ELECTRICAL WORK	Sub Total	\$10,190	\$0	\$14,560	\$0	\$0		
9	Emergency Lighting	1	\$10,190	\$0	\$0	\$0	\$0	Provide emergency lighting	
10	Lighting	3	\$0	\$0	\$14,560	\$0	\$0	Upgraded to energy efficient LED lighting	
11	HVAC WORK	Sub Total	\$0	\$0	\$0	\$36,390	\$0		
12	Heating -Toilet rooms	4	\$0	\$0	\$0	\$21,830	\$0	Consider providing electric heaters in toilet rooms.	
13	Toilet Room Exhaust	4	\$0	\$0	\$0	\$14,560	\$0	Install exhaust fans in toilet rooms	
TOTALS BY PRIORITY:			\$32,020	\$72,770	\$52,410	\$36,390	\$0		
BUILDING TOTAL:			\$193,590						



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Building Totals by Category	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	TOTALS
Maintenance Garage						
GENERAL WORK SCOPE	\$3,640.00	\$0.00	\$84,140.00	\$0.00	\$0.00	\$87,780.00
SITE WORK SCOPE	\$0.00	\$0.00	\$1,084,200.00	\$0.00	\$0.00	\$1,084,200.00
PLUMBING WORK SCOPE	\$10,190.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10,190.00
ELECTRICAL WORK SCOPE	\$8,740.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8,740.00
HVAC WORK SCOPE	\$0.00	\$0.00	\$116,430.00	\$0.00	\$0.00	\$116,430.00
Totals Project Cost per Group	\$22,570.00	\$0.00	\$1,284,770.00	\$0.00	\$0.00	\$1,307,340.00
Notes				Total SF 4,264		Year Built (Original) 1958
Total Project Cost Priority 1 & 2	\$22,570.00					
Total Project Cost Priority 1 ,2 & 3	\$1,307,340.00					
Total Project Cost Priority 1 ,2, 3 & 4	\$1,307,340.00					
Total Project Cost All Groups	\$1,307,340.00					

Item No.	Maintenance Garage	Priority	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	Remarks
1	GENERAL WORK SCOPE	Sub Total	\$3,640	\$0	\$84,140	\$0	\$0	
2	Masonry	3	\$0	\$0	\$8,740	\$0	\$0	Repair / Repoint exterior brick veneer walls
3	Siding/Fascia	3	\$0	\$0	\$21,830	\$0	\$0	Repair / Replace Wood Fascia and Siding at Gable ends-Allowance
4	Masonry Piers	3	\$0	\$0	\$7,280	\$0	\$0	Parge Masonry Piers at overhead door-Allowance
5	Windows	3	\$0	\$0	\$43,660	\$0	\$0	Replace with insulated thermally broken units
6	Gutter/Leader	3	\$0	\$0	\$2,630	\$0	\$0	Replace with insulated thermally broken units
7	Fire Stopping	1	\$3,640	\$0	\$0	\$0	\$0	Add Firestopping at interior wall penetrations
8	SITE WORK	Sub Total	\$0	\$0	\$1,084,200	\$0	\$0	
9	Existing Access Drives & Parking Lot							Existing access drives and parking lot pavement is beginning to indicate signs of stress, with cracks forming, uneven settlement and a loss of emulsifiers weakening pavement. Recommend routine schedule of top course and binder milling, with spot repair, and new installation of asphalt binder and top within the next 5-10 years to avoid full-depth replacement
10	Driveway	3	\$0	\$0	\$749,480	\$0	\$0	
11	Parking Lot	3	\$0	\$0	\$334,720	\$0	\$0	
12	PLUMBING WORK	Sub Total	\$10,190	\$0	\$0	\$0	\$0	
13	ADA	1	\$10,190	\$0	\$0	\$0	\$0	Recommending updating the toilet room fixtures and making it ADA

Item No.	Maintenance Garage	Priority	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	Remarks
14	ELECTRICAL WORK	Sub Total	\$8,740	\$0	\$0	\$0	\$0	
15	Emergency Lighting	1	\$8,740	\$0	\$0	\$0	\$0	Provide Emergency lighting
16	HVAC WORK	Sub Total	\$0	\$0	\$116,430	\$0	\$0	
17	Boiler	3	\$0	\$0	\$87,320	\$0	\$0	Furnace (in good condition) is located in main gathering room of building. For building safety, fuel-burning appliances should be located in a dedicated fire rated room. Recommend building a fire rated room and relocating furnace into new room.
18	Ventilation System	3	\$0	\$0	\$29,110	\$0	\$0	Replace window air conditioners as required. Consider installing DX-coil in ductwork with remote condensing unit outside.
TOTALS BY PRIORITY:			\$22,570	\$0	\$1,284,770	\$0	\$0	
BUILDING TOTAL:			\$1,307,340					



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Building Totals by Category		PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	TOTALS
Bus Storage							
	GENERAL WORK SCOPE	\$0.00	\$0.00	\$21,830.00	\$0.00	\$0.00	\$21,830.00
	SITE WORK SCOPE	\$0.00	\$21,830.00	\$0.00	\$0.00	\$0.00	\$21,830.00
	PLUMBING WORK SCOPE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	ELECTRICAL WORK SCOPE	\$0.00	\$6,550.00	\$0.00	\$0.00	\$0.00	\$6,550.00
	HVAC WORK SCOPE	\$0.00	\$0.00	\$116,440.00	\$0.00	\$0.00	\$116,440.00
Totals Project Cost per Group		\$0.00	\$28,380.00	\$138,270.00	\$0.00	\$0.00	\$166,650.00
Notes					Total SF 19,200		Year Built (Original) 1997
Total Project Cost Priority 1 & 2		\$28,380.00					
Total Project Cost Priority 1 ,2 & 3		\$166,650.00					
Total Project Cost Priority 1 ,2, 3 & 4		\$166,650.00					
Total Project Cost All Groups		\$166,650.00					

Item No.	Bus Storage	Priority	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	Remarks
1	GENERAL WORK SCOPE	Sub Total	\$0	\$0	\$21,830	\$0	\$0	
2	Gutters/Leaders	3	\$0	\$0	\$21,830	\$0	\$0	Replace
3	SITE WORK	Sub Total	\$0	\$21,830	\$0	\$0	\$0	
4	Concrete Apron	2	\$0	\$21,830	\$0	\$0	\$0	Replace existing cracked concrete apron that runs entire length of building at overhead doors with new concrete
5	PLUMBING WORK	Sub Total	\$0	\$0	\$0	\$0	\$0	
6	ELECTRICAL WORK	Sub Total	\$0	\$6,550	\$0	\$0	\$0	
7	Block Heaters	2	\$0	\$6,550	\$0	\$0	\$0	Provide 6 additional block heater receptacles in the back parking area.
8	HVAC WORK	Sub Total	\$0	\$0	\$116,440	\$0	\$0	
9	Unit Heaters	3	\$0	\$0	\$58,220	\$0	\$0	Replacement as their useful life remaining is 7 years
10	Ventilation	3	\$0	\$0	\$58,220	\$0	\$0	Consider additional relief fans for fume and heat removal.
TOTALS BY PRIORITY:			\$0	\$28,380	\$138,270	\$0	\$0	
BUILDING TOTAL:					\$166,650			



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Building Totals by Category	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	TOTALS
Bus Maintenance						
GENERAL WORK SCOPE	\$0.00	\$0.00	\$171,750.00	\$0.00	\$0.00	\$171,750.00
SITE WORK SCOPE	\$0.00	\$0.00	\$1,084,200.00	\$0.00	\$0.00	\$1,084,200.00
PLUMBING WORK SCOPE	\$1,007,810.00	\$21,830.00	\$0.00	\$0.00	\$0.00	\$1,029,640.00
ELECTRICAL WORK SCOPE	\$29,110.00	\$6,550.00	\$101,880.00	\$0.00	\$0.00	\$137,540.00
HVAC WORK SCOPE	\$0.00	\$189,190.00	\$247,410.00	\$0.00	\$0.00	\$436,600.00
Totals Project Cost per Group	\$1,036,920.00	\$217,570.00	\$1,605,240.00	\$0.00	\$0.00	\$2,859,730.00
Notes				Total SF 9,400		Year Built (Original) 1997
Total Project Cost Priority 1 & 2	\$1,254,490.00					
Total Project Cost Priority 1 ,2 & 3	\$2,859,730.00					
Total Project Cost Priority 1 ,2, 3 & 4	\$2,859,730.00					
Total Project Cost All Groups	\$2,859,730.00					

Item No.	Bus Maintenance	Priority	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	Remarks
1	GENERAL WORK SCOPE	Sub Total	\$0	\$0	\$171,750	\$0	\$0	
2	Entry Doors	3	\$0	\$0	\$8,740	\$0	\$0	Replace Entry Doors and Hardware (3)
3	Exterior Doors	3	\$0	\$0	\$10,920	\$0	\$0	Replace Exterior Doors and Frames
4	Gutters/Leaders	3	\$0	\$0	\$17,470	\$0	\$0	Repair / Replace Gutters and Leaders
5	Ceiling	3	\$0	\$0	\$3,640	\$0	\$0	Replace Stained Ceiling Tiles Allowance
6	Roll Up Doors	3	\$0	\$0	\$130,980	\$0	\$0	Upgrade/replace (6)
7	SITE WORK	Sub Total	\$0	\$0	\$1,084,200	\$0	\$0	
8	EXISTING ACCESS DRIVES AND PARKING LOT							Existing access drives and parking lot pavement is beginning to indicate signs of stress, with cracks forming, uneven settlement and a loss of emulsifiers weakening pavement. Recommend routine schedule of top course and binder milling, with spot repair, and new installation of asphalt binder and top within the next 5-10 years to avoid full-depth replacement.
9	Driveway	3	\$0	\$0	\$749,480	\$0	\$0	
10	Parking Lot	3	\$0	\$0	\$334,720	\$0	\$0	

Item No.	Bus Maintenance	Priority	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	Remarks
11	PLUMBING WORK	Sub Total	\$1,007,810	\$21,830	\$0	\$0	\$0	
12	Bus Wash System	1	\$654,890	\$0	\$0	\$0	\$0	Replace aging bus wash system. New system will be touchless. Working with manufacturer to get pricing for bus wash and wash water recycle system. Will require floor sawcut/patching and providing a 6,000 pit for the recycle system
13	Separator	1	\$21,830	\$0	\$0	\$0	\$0	Replace oil/water separator
14	Deisel Oil Tank	1	\$327,450	\$0	\$0	\$0	\$0	Remove 5,000-gallon buried diesel tank. Provide new 5,000 fire resistant, above grade tank and make it gasoline. Convert the existing 3,000 gallon above grade gasoline tank to diesel storage.
15	RPZ	1	\$3,640	\$0	\$0	\$0	\$0	Add an RPZ backflow preventer to the boiler water make-up line
16	Hose Reels	2	\$0	\$21,830	\$0	\$0	\$0	Replace hose reels in service bays (10)
17	ELECTRICAL WORK	Sub Total	\$29,110	\$6,550	\$101,880	\$0	\$0	
18	Wiring	2	\$0	\$6,550	\$0	\$0	\$0	Provide new conduit and wiring in the wash bay the existing is in bad condition.
19	Emergency Lighting	1	\$29,110	\$0	\$0	\$0	\$0	Provide emergency light fixtures in the office and maintenance shop.
20	Generator	3	\$0	\$0	\$29,110	\$0	\$0	An Emergency Generator and ATS should be provided due to electrical brownouts in the area
21	Lighting	3	\$0	\$0	\$72,770	\$0	\$0	Upgrade 2x4 fluorescent light fixtures in office area and maintenance shop with energy efficient LED's. Provide new light fixtures in the wash bay. The existing are in bad condition.

Item No.	Bus Maintenance	Priority	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	Remarks
22	HVAC WORK	Sub Total	\$0	\$189,190	\$247,410	\$0	\$0	
23	Boiler	2	\$0	\$189,190	\$0	\$0	\$0	Existing hot water boiler (359 MBH output) is 71% efficient and nearing end of useful life. Considering boiler is sole source of heat in building, recommend replacement prior to catastrophic failure. Recommend two wall-hung 90+% efficiency boilers and pumps to service entire building.- Useful life 3 years
24	Ventilation	3	\$0	\$0	\$174,640	\$0	\$0	Recommend make-up air unit for maintenance bays. Recommend make-up air and exhaust system for bus wash bay to remove fumes, humidity and vapors while wash bay is in use.
25	Exhaust hoses	3	\$0	\$0	\$72,770	\$0	\$0	Recommend replacement of vehicle exhaust flexible hose vehicle exhaust fan.
TOTALS BY PRIORITY:			\$1,036,920	\$217,570	\$1,605,240	\$0	\$0	
BUILDING TOTAL:			\$2,859,730					



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CAPITAL IMPROVEMENT PLAN-2021

Building Totals by Category	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	TOTALS
Rosemar Field						
GENERAL WORK SCOPE	\$0.00	\$0.00	\$89,520.00	\$0.00	\$0.00	\$89,520.00
SITE WORK SCOPE	\$80,050.00	\$1,040,580.00	\$142,630.00	\$0.00	\$0.00	\$1,263,260.00
PLUMBING WORK SCOPE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ELECTRICAL WORK SCOPE	\$30,570.00	\$0.00	\$29,110.00	\$0.00	\$0.00	\$59,680.00
HVAC WORK SCOPE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals Project Cost per Group	\$110,620.00	\$1,040,580.00	\$261,260.00	\$0.00	\$0.00	\$1,412,460.00
Notes				Total SF 2,685		Year Built (Original) 1987
Total Project Cost Priority 1 & 2	\$1,151,200.00					
Total Project Cost Priority 1 ,2 & 3	\$1,412,460.00					
Total Project Cost Priority 1 ,2, 3 & 4	\$1,412,460.00					
Total Project Cost All Groups	\$1,412,460.00					

Item No.	Rosemar Field	Priority	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	Remarks
1	GENERAL WORK SCOPE	Sub Total	\$0	\$0	\$89,520	\$0	\$0	
2	Exterior Doors	3	\$0	\$0	\$2,920	\$0	\$0	Scrape, Prime & Paint Exterior Doors and Frames.
3	Lockers	3	\$0	\$0	\$65,490	\$0	\$0	Replace- selective lockers that are damaged
4	Gutters/Leaders	3	\$0	\$0	\$6,550	\$0	\$0	Replace
5	Fascia	3	\$0	\$0	\$14,560	\$0	\$0	Replace

Item No.	Rosemar Field	Priority	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	Remarks
6	SITE WORK	Sub Total	\$80,050	\$1,040,580	\$142,630	\$0	\$0	
7	ASA Access	2	\$0	\$181,920	\$0	\$0	\$0	Provide ADA access and stairs up to fieldhouse from track area Building is not ADA accessible from remainder of the site
8	Entry							Provide gravel / asphalt at entrance to facility and proximate to fieldhouse. Existing dirt entrance drive and lot are in disrepair, rutted and poorly draining. Suggest integration of ADA parking in this area in conjunction with construction of ADA access to fieldhouse.
9	Option 1: Asphalt Pavement		\$0	\$0	\$0	\$0	\$0	New heavy-duty asphalt pavement. New parking lot striping and signage New parking lot parking striping for accessible spaces with signage New parking lot parking striping for hatched spaces with signage- \$25,000
10	Option 2: Gravel Pavement	2	\$0	\$14,560	\$0	\$0	\$0	New gravel pavement. New parking lot striping and signage New parking lot parking striping for accessible spaces with signage New parking lot parking striping for hatched spaces with signage
11	Track/Events							Running track surfacing is showing delamination and surface cracking. Provide milling of all surfaces down to binder, shimming / spot repair, asphalt topcoat and resilient surfacing. Includes 6-lane oval, 8-lane straight, (2) LJ/TJ runways, Pole vault, HJ and javelin events
12	Resilient Surface Track	2	\$0	\$654,890	\$0	\$0	\$0	Strip existing resilient surfacing •Mill existing asphalt surface •Resilient surface only - 6 lane, 8 Lane straight
13	Long Jump/ Triple Jump Runways	3	\$0	\$0	\$46,570	\$0	\$0	Strip existing resilient surfacing (down to asphalt) •Mill existing asphalt surface (down to subbase) •LJ/TJ runway- new resilient surfacing (on existing.)
14	Pole Vault	3	\$0	\$0	\$23,290	\$0	\$0	Strip existing resilient surfacing (down to asphalt) •Mill existing asphalt surface (down to subbase) •Pole Vault runway- new resilient surfacing (on existing.)
15	Javelin Event	3	\$0	\$0	\$72,770	\$0	\$0	Strip existing resilient surfacing (down to asphalt) •Mill existing asphalt surface (down to subbase)

Item No.	Rosemar Field	Priority	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	Remarks
16	Long Jump/ Triple Jump Sand Replacment	1	\$80,050	\$0	\$0	\$0	\$0	Provide (3) new sand pits for LT/TJ. Existing pits are wood frame, in deteriorated condition, and are too short for current NFHS regulations.
17	Discus/ Shot-Put Events		\$0	\$0	\$0	\$0	\$0	Replace discus and shotput event. Enclosures are currently unsafe and in disrepair
18	Discus Event	2	\$0	\$29,110	\$0	\$0	\$0	Remove pad/fencing, install new pad/cage
19	Shot-put Event	2	\$0	\$36,390	\$0	\$0	\$0	Remove pad/fencing, install new pad/cage
20	Athletic Field	2	\$0	\$123,710	\$0	\$0	\$0	Provide rehabilitation of natural turf exhibition field, including earthwork to address drainage / grade concerns, top dressing, deep tine aeration, soil amendmets and new seeding
21	PLUMBING WORK	Sub Total	\$0	\$0	\$0	\$0	\$0	
22	ELECTRICAL WORK	Sub Total	\$30,570	\$0	\$29,110	\$0	\$0	
23	Emergency Lighting	1	\$14,560	\$0	\$0	\$0	\$0	Provide emergency lighting
24	Fire Alarm	1	\$16,010	\$0	\$0	\$0	\$0	Cerebus Pyrontronics MXL, consider replaceing as this system is past it's useful life.
25	Lighting Interior	3	\$0	\$0	\$29,110	\$0	\$0	Replace lighting with LED light fixtures
26	HVAC WORK	Sub Total	\$0	\$0	\$0	\$0	\$0	
TOTALS BY PRIORITY:			\$110,620	\$1,040,580	\$261,260	\$0	\$0	
BUILDING TOTAL:			\$1,412,460					



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CAPITAL IMPROVEMENT PLAN-2021

Building Totals by Category	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	TOTALS
Press Box						
GENERAL WORK SCOPE	\$0.00	\$0.00	\$7,290.00	\$0.00	\$0.00	\$7,290.00
SITE WORK SCOPE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
PLUMBING WORK SCOPE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ELECTRICAL WORK SCOPE	\$2,920.00	\$0.00	\$730.00	\$0.00	\$0.00	\$3,650.00
HVAC WORK SCOPE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals Project Cost per Group	\$2,920.00	\$0.00	\$8,020.00	\$0.00	\$0.00	\$10,940.00
Notes				Total SF 240		Year Built (Original) 2006
Total Project Cost Priority 1 & 2	\$2,920.00					
Total Project Cost Priority 1 ,2 & 3	\$10,940.00					
Total Project Cost Priority 1 ,2, 3 & 4	\$10,940.00					
Total Project Cost All Groups	\$10,940.00					

Item No.	Press Box	Priority	PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4	OTHER	Remarks
1	GENERAL WORK SCOPE	Sub Total	\$0	\$0	\$7,290	\$0	\$0	
2	Wall Coverings	3	\$0	\$0	\$5,830	\$0	\$0	Replace
3	VCT Flooring	3	\$0	\$0	\$1,460	\$0	\$0	Replace
4	SITE WORK	Sub Total	\$0	\$0	\$0	\$0	\$0	
5	PLUMBING WORK	Sub Total	\$0	\$0	\$0	\$0	\$0	
6	ELECTRICAL WORK	Sub Total	\$2,920	\$0	\$730	\$0	\$0	
7	Emergency Lighting	1	\$2,920	\$0	\$0	\$0	\$0	Provide emergency lighting
8	Lighting	3	\$0	\$0	\$730	\$0	\$0	Consider replacing fluorescent lighting with LED light fixtures
9	HVAC WORK	Sub Total	\$0	\$0	\$0	\$0	\$0	
TOTALS BY PRIORITY:			\$2,920	\$0	\$8,020	\$0	\$0	
BUILDING TOTAL:			\$10,940					