

							Health & Safety	Code & ADA	Energy Payback	P	Life Cycle	P
Category	Description of Work Item	Units	Cost/Unit	Sub-Total	Escalation	Total Cost						
<b>I. General:</b>												
	Grade Alignment: 5 - 8											
	Present Enrollment: 730 5-Year Projection: 781											
	Rated Capacity: 970											
	Site: 7.3 Acres											
	Total Building Area: 179,241 sq.ft.											
	Original Bldg: 1929											
	Addition(s): 1955,1959, 2002											
<b>II. Site Work:</b>												
1	<b>Parking:</b>											
a.	Complete reconstruction of parking lot area (full-depth) including new approach. Building "D"	1	LS	\$26,613	\$26,613	\$2,742	\$29,355	\$29,355				
2	<b>Roads:</b>											
a.	None Applicable											
3	<b>Sidewalks:</b>											
a.	Replacement of cracked concrete walkways in areas around Building "C".	1	LS	\$14,800	\$14,800	\$1,525	\$16,325	\$16,325				
b.	To widen the concrete walkway that connects the west parking lot and gymnasium.	1	LS	\$7,925	\$7,925	\$816	\$8,741				\$8,741	B
4	<b>Storm Drainage:</b>											
a.	As part of the concrete walk widening the addition of site drainage facilities is proposed to provide a place for the trapped water to be discharged. Considerations should be made for the addition of new concrete and or brick pavers in this area that would help facilitate improved drainage and could also become a landscaped courtyard area. West of Building "C".	1	LS	\$30,165	\$30,165	\$3,108	\$33,273	\$33,273				
b.	Re-grade/landscape the area along the bituminous path to facilitate a direct route for the drainage to get to the structure. In addition the section of bituminous path in this area that is in poor condition due to standing water should be replaced as part of the improvements in the Playground area.	1	LS	\$5,700	\$5,700	\$587	\$6,287	\$6,287				
c.	As part of the reconstruction of the east parking lot additional storm water drainage facilities should be considered to address the drainage issues within the lawn areas.	1	LS	\$7,400	\$7,400	\$762	\$8,162	\$8,162				
5	<b>Athletic Facilities:</b>											
a.	To construct a new five lane track with a new track surface including lane striping and numbering.	1	LS	\$67,836	\$67,836	\$6,988	\$74,824	\$74,824				
b.	Reestablishment of turf areas with new high traffic sod and/or topsoil and seed surfaces.	1	LS	\$31,200	\$31,200	\$3,214	\$34,414				\$34,414	B
c.	Repair/Replacement of the fencing located around the baseball area.	1	LS	\$10,065	\$10,065	\$1,037	\$11,102	\$11,102				
d.	Repair/Replacement of the fencing top rail at property line.	1	LS	\$4,000	\$4,000	\$412	\$4,412	\$4,412				
6	<b>Site Lighting:</b>											
a.	Addition of site lighting that is restricted just to the new concrete walkway located between the west parking lot and gymnasium.	1	LS	\$13,500	\$13,500	\$1,391	\$14,891	\$14,891				
b.	Addition of site lighting for the walkways located north and east of the building.	1	LS	\$11,500	\$11,500	\$1,185	\$12,685	\$12,685				
<b>TOTAL SITEWORK</b>							<b>\$254,471</b>	<b>\$211,316</b>	<b>\$0</b>	<b>\$0</b>	<b>\$43,155</b>	
<b>III. Health, Safety &amp; Security:</b>												
1	<b>Life Safety Systems:</b>											
a.	Add strobe lights in CR-200, 201, 205, 301, 306, 307 and 309. Replace system in "A", "C", "D" with a Simplex System to tie into the Simplex 4010 in Building "E" such that the building has one system.	1	LS	\$303,697	\$303,697	\$31,287	\$334,984	\$334,984				
b.	Sprinkle janitors closets as required per current code.	1	LS	\$7,500	\$7,500	\$773	\$8,273	\$8,273				
2	<b>Security Systems:</b>											
	Refer to District-Wide Technology report prepared by Wright & Hunter											
<b>TOTAL HEALTH &amp; SAFETY</b>							<b>\$343,257</b>	<b>\$0</b>	<b>\$343,257</b>	<b>\$0</b>	<b>\$0</b>	

Category	Description of Work Item	Units	Cost/Unit	Sub-Total	Escalation	Total Cost	Health & Safety	Code & ADA	Energy Payback	P	Life Cycle	P
<b>IV.</b>	<b>General Building Improvements:</b>											
	<b>Interior:</b>											
<b>1</b>	<b>Finishes</b>											
	a. Level floor with lightweight concrete infill, replace finishes at Superintendent's Office.	1	LS \$4,167	\$4,167	\$429	\$4,596					\$4,596	B
	b. Replace all finishes and fixtures, including casework, and remodeling existing staff restroom in the Administration Suite.	1	LS \$240,113	\$240,113	\$24,736	\$264,849					\$264,849	C
	c. Replace damaged, worn or VAT flooring at Building "A" Corridor.	1	LS \$24,976	\$24,976	\$2,573	\$27,549	\$27,549					
	d. Replace damaged, worn or VAT flooring at Building "A" Classrooms.	1	LS \$23,395	\$23,395	\$2,410	\$25,805	\$25,805					
	e. Remove existing ceilings as required to install new mechanical systems. Install new 2x2 acoustical ceiling panel system. Building "A" Classrooms.	1	LS \$352,654	\$352,654	\$36,330	\$388,984					\$388,984	B
	f. Cap existing terrazzo stair treads with rubber treads with filler material Building "A".	1	LS \$13,074	\$13,074	\$1,347	\$14,421	\$14,421					
	g. Remove and abate existing plaster ceilings to install new mechanical system. Install new 2x2 acoustical ceiling panel system Building "C".	1	LS \$59,416	\$59,416	\$6,121	\$65,537					\$65,537	B
	h. Clean and re-caulk control and expansion joints Building "C".	1	LS \$7,200	\$7,200	\$742	\$7,942					\$7,942	D
	i. Sand and refinish existing wood gym flooring	1	LS \$80,937	\$80,937	\$8,338	\$89,275					\$89,275	B
	j. Remove or encapsulate existing VAT and install new VCT Building "C" Second Floor.	Completed in 2002										
	k. Remove and abate existing plaster ceilings to install new mechanical system. Install new 2x2 acoustical ceiling panel system Building "C" Classrooms.	1	LS \$242,336	\$242,336	\$24,965	\$267,301	\$267,301					
	l. Remove or encapsulate existing VAT and install new VCT Building "C" Classrooms.	1	LS \$60,998	\$60,998	\$6,284	\$67,282	\$67,282					
	m. Remodel existing locker rooms for ADA compliance.	1	LS \$80,500	\$80,500	\$8,293	\$88,793		\$88,793				
	n. Remove and replace existing lockers and ceramic tile finishes.	1	LS \$326,893	\$326,893	\$33,676	\$360,569					\$360,569	D
	o. Remove or encapsulate existing VAT and install new VCT Building "D".	1	LS \$17,623	\$17,623	\$1,816	\$19,439	\$19,439					
	p. Replace existing ceiling with new 2x2 acoustical ceiling panel systems Building "D".	1	LS \$72,948	\$72,948	\$7,515	\$80,463					\$80,463	D
	q. Replace all existing carpeting Building "D".	1	LS \$24,995	\$24,995	\$2,575	\$27,570					\$27,570	D
	r. Patch and paint all existing walls Building "D".	1	LS \$26,216	\$26,216	\$2,701	\$28,917					\$28,917	D
<b>2</b>	<b>Doors and Windows</b>											
	a. Replace existing wood door and hardware in existing wood frame. Locker Rooms.	1	LS \$13,600	\$13,600	\$1,401	\$15,001					\$15,001	B
<b>3</b>	<b>Equipment</b>											
	a. Align and anchor locker base trim flush with corridor walls. building "A".	1	LS \$1,600	\$1,600	\$165	\$1,765					\$1,765	B
	b. Replace existing bleachers Building "C".	1	LS \$118,000	\$118,000	\$12,156	\$130,156		\$130,156				
	c. Replace existing refurbished lockers with new lockers Building "C".	1	LS \$163,314	\$163,314	\$16,825	\$180,139					\$180,139	B
	d. Add additional lockers to equal a capacity level of 200 lockers per grade level (total 800).	1	LS \$20,000	\$20,000	\$2,060	\$22,060					\$22,060	A
	e. Replace gymnasium scoreboards	1	LS \$33,000	\$33,000	\$3,400	\$36,400					\$36,400	B
<b>4</b>	<b>Infrastructure</b>											
	a. None Applicable											
	<b>TOTAL INTERIOR</b>					<b>\$2,214,813</b>	<b>\$421,797</b>	<b>\$218,949</b>	<b>\$0</b>		<b>\$1,574,067</b>	
<b>V.</b>	<b>General Building Improvements:</b>											
	<b>Exterior:</b>											
<b>1</b>	<b>Building Envelope</b>											
	a. Install new enclosed connector system from building "E" to Building "D".	1	LS \$163,803	\$163,803	\$16,875	\$180,678					\$180,678	A
	b. Add maintenance storage addition to remove flammable material from boiler room.	1	LS \$40,000	\$40,000	\$4,121	\$44,121		\$44,121				
	c. Replace existing single pane glazing system. (building A)	1	LS \$398,983	\$398,983	\$41,103	\$440,086			\$440,086	A		
	d. Remove damaged brick and install new brick to match Building "A".	1	LS \$57,295	\$57,295	\$5,903	\$63,198					\$63,198	B
	e. Repair existing gutter and downspout system. Make watertight Building "A".	1	LS \$31,600	\$31,600	\$3,255	\$34,855					\$34,855	B
	f. Replace existing damaged stone sills Building "A".	1	LS \$8,500	\$8,500	\$876	\$9,376					\$9,376	B
	g. Remove, clean and re-caulk existing expansion and control joints Building "A".	1	LS \$14,042	\$14,042	\$1,447	\$15,489					\$15,489	B
	h. Remove existing doors and frames. Install new aluminum doors and frames Building "A".	1	LS \$24,533	\$24,533	\$2,527	\$27,060			\$27,060	B		
	i. Replace existing single pane glazing systems. (building c)	1	LS \$134,221	\$134,221	\$13,827	\$148,048			\$148,048	A		
	j. Replace existing aluminum doors and hardware Building "C".	1	LS \$36,907	\$36,907	\$3,802	\$40,709					\$40,709	B
	k. Remove, clean and re-caulk existing expansion and control joints Building "C".	1	LS \$9,788	\$9,788	\$1,008	\$10,796					\$10,796	B
	l. Prep and paint existing tectum soffit Building "C".	1	LS \$9,820	\$9,820	\$1,012	\$10,832					\$10,832	C
	m. Replace/install new vandal resistant light fixtures Building "C".	1	LS \$16,500	\$16,500	\$1,700	\$18,200	\$18,200					
	n. Replace existing single pane glazing system. (building d)	1	LS \$148,915	\$148,915	\$15,341	\$164,256			\$164,256	A		
	o. Remove, clean and re-caulk existing expansion and control joints Building "D".	1	LS \$4,771	\$4,771	\$492	\$5,263					\$5,263	B

Category	Description of Work Item	Units	Cost/Unit	Sub-Total	Escalation	Total Cost	Health & Safety	Code & ADA	Energy Payback	P	Life Cycle	P
<b>2</b>	<b>Building Structure</b>											
a.	Replace building identification signage.	1	LS \$30,000	\$30,000	\$3,091	\$33,091					\$33,091	B
b.	Replace concrete stoop at front entry	1	LS \$6,000	\$6,000	\$618	\$6,618	\$6,618					
	<b>TOTAL EXTERIOR</b>					<b>\$1,252,676</b>	<b>\$24,818</b>	<b>\$44,121</b>	<b>\$779,450</b>		<b>\$404,287</b>	
<b>VI.</b>	<b>Building Accessibility:</b>											
<b>1</b>	<b>ADA Requirements</b>											
a.	Update toilet rooms to ADA guidelines. Building "D".	1	LS \$72,250	\$72,250	\$7,443	\$79,693		\$79,693				
	<b>TOTAL ACCESSIBILITY</b>					<b>\$79,693</b>	<b>\$0</b>	<b>\$79,693</b>	<b>\$0</b>		<b>\$0</b>	
<b>VII</b>	<b>Mechanical Systems:</b>											
<b>1</b>	<b>Heating, Ventilation, Air Conditioning</b>											
a.	Provide 4-inch heating mains to building "C" new hot water heating system to provide standby for Unit "D".	1	LS \$9,600	\$9,600	\$989	\$10,589			\$10,589	C		
b.	Replace the two 200 H.P. boilers with new hot water boilers to convert the entire building to a hot water heating system. Remove condensate pumps and tanks. Reuse boilers at the high school.	1	LS \$326,100	\$326,100	\$33,595	\$359,695			\$359,695	A		
c.	Add pumps and pipe mains to unit "C" Building.	1	LS \$40,000	\$40,000	\$4,121	\$44,121			\$44,121	C		
d.	Add pumps to supply heating hot water to building "A".	1	LS \$60,000	\$60,000	\$6,181	\$66,181			\$66,181	C		
e.	Air-condition all occupied spaces not currently air-conditioned. Add 160 ton chiller, 8' x 14" building, screen wall, pumps, 6 inch building "D" to "C", 6 inch Building "C" to "A", electric power to chiller and pipe mains in "C" and "A" to equipment.	1	LS \$532,072	\$532,072	\$54,814	\$586,886			\$586,886	C		
f.	Heating system in Unit "A". Provide a variable air volume – VAV System with two new 18,000 CFM air handling in the basement, ducts to VAV boxes at each C.R., return air, and 4 to 6 diffusers per C.R. Cost includes removal and replacement of all ceilings in Unit A, new lights in classrooms with no lay-in ceilings, modification of windows to accept lower ceiling.	1	LS \$1,297,828	\$1,297,828	\$133,702	\$1,431,530			\$1,431,530	B		
g.	Add heat recovery on the two units and also to the existing AHU serving the Auditorium.	1	LS \$1,347,828	\$1,347,828	\$138,853	\$1,486,681			\$1,486,681	B		
h.	Install two sound attenuators in the ducts to the science room.	1	LS \$19,000	\$19,000	\$1,957	\$20,957			\$20,957	C		
i.	Replace with hot water units.	1	LS \$148,648	\$148,648	\$15,314	\$163,962			\$163,962	C		
j.	Provide new hot water piping in entire Building "C" and "A". Remove steam and condensate piping.	1	LS \$594,917	\$594,917	\$61,288	\$656,205			\$656,205	B		
k.	Replace and or install new exhaust system in Building "A" and "C". Two return air fans, two toilet room exhaust fans.	1	LS \$120,000	\$120,000	\$12,362	\$132,362			\$132,362	C		
<b>2</b>	<b>Temperature Controls</b>											
a.	Provide DDC controls for the new equipment in Building "A". Replace the unit controllers with Johnson Control Equipment in order to communicate with the Johnson District Network Systems.	1	LS \$134,000	\$134,000	\$13,805	\$147,805			\$147,805	A		
b.	Install CO2 sensors to reduce outdoor air if it is not needed.	1	LS \$90,000	\$90,000	\$9,272	\$99,272			\$99,272	B		
<b>3</b>	<b>Building Utility Services</b>											
a.	Provide backflow unit and provide a water softener for all water to the Middle School.	1	LS \$95,000	\$95,000	\$9,787	\$104,787	\$104,787					
<b>4</b>	<b>Plumbing</b>											
a.	Replace all domestic hot and cold water piping in units "A" and "C". Remove and replace fixtures. Replace shower room mixing valves.	1	LS \$846,359	\$846,359	\$87,192	\$933,551			\$933,551	C		
b.	Provide trap primes per code in all areas where fixtures/ piping are replaced. Locker rooms Building "C" and "D".	1	LS \$105,600	\$105,600	\$10,879	\$116,479		\$116,479				
c.	Replace all sanitary piping in building A and C. Separate storm and sanitary interconnections.	1	LS \$784,583	\$784,583	\$80,828	\$865,411	\$865,411					
d.	Replace all C.I. storm lines in Building "A" and "C"	1	LS \$168,000	\$168,000	\$17,307	\$185,307			\$185,307	C		
	<b>TOTAL MECHANICAL</b>					<b>\$7,411,781</b>	<b>\$970,198</b>	<b>\$116,479</b>	<b>\$6,325,104</b>		<b>\$0</b>	

Category	Description of Work Item	Units	Cost/Unit	Sub-Total	Escalation	Total Cost	Health & Safety	Code & ADA	Energy Payback	P	Life Cycle	P
<b>VIII. Electrical Systems:</b>												
1	<b>Service:</b>											
	a. None Applicable											
2	<b>Lighting:</b>											
	a. Replace lights in Unit "A" classrooms with new ceilings, with 2 x 4 + T-8 lamp new fixtures.	Included in item IV 1e. above										
	b. Add occupancy sensors for lighting control in all classrooms.	1	LS	\$144,900	\$14,928	\$159,828			\$159,828		A	
	c. Add occupancy sensors for lighting control in all other occupied spaces.	1	LS	\$322,000	\$33,172	\$355,172			\$355,172		B	
3	<b>Power:</b>											
	a. Add panels to support added circuits and receptacles in classroom.	1	LS	\$60,000	\$6,181	\$66,181			\$66,181		C	
	b. Add 2 receptacles in Building "A", "C" and "D" classrooms.	1	LS	\$240,500	\$24,776	\$265,276			\$265,276		C	
	c. Add infrastructure and power for (4) computer drops in each classroom.	1	LS	\$314,500	\$32,400	\$346,900			\$346,900		C	
	d. Provide TVSS protection on all panel boards.	1	LS	\$30,000	\$3,091	\$33,091			\$33,091		C	
	e. Extend PA system to LRC area.	1	LS	\$50,000	\$5,151	\$55,151	\$55,151					
	f. Replace clocks with a wireless GPS System.	1	LS	\$104,397	\$10,755	\$115,152			\$115,152		C	
	g. Add transfer switch to pick up hub room power needs. Provide new conduit runs to hub rooms. Note: Hub rooms will be shut-off if the fire pump starts.	1	LS	\$30,000	\$3,091	\$33,091		\$33,091				
	<b>TOTAL ELECTRICAL</b>					<b>\$1,429,842</b>	<b>\$55,151</b>	<b>\$33,091</b>	<b>\$1,341,600</b>			<b>\$0</b>
<b>IX. Technology</b>												
1	<b>Technology Needs</b>											
	a. Refer to District-Wide Technology report prepared by Wright & Hunter											
	<b>TOTAL TECHNOLOGY</b>					<b>\$880,050</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>			<b>\$0</b>
<b>X. Fixtures, Furniture &amp; Equipment</b>												
1	<b>Furnishings</b>											
	a. None Applicable											
	<b>TOTAL FF&amp;E</b>					<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>			<b>\$0</b>
<b>XI. District Requests:</b>												
1	<b>Owner Expressed Needs</b>											
	a.											
	b.											
	c.											
	<b>TOTAL OWNER EXPRESSED NEEDS</b>					<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>			<b>\$0</b>
<b>XII. Studies &amp; Testing:</b>												
1												
2												
	<b>TOTAL STUDIES AND TESTING</b>					<b>\$10,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>			<b>\$0</b>
<b>XIII. Totals</b>												
	Probable Construction Cost					\$13,876,583	\$1,683,280	\$835,590	\$8,446,154			\$2,021,509
	Contingency			10.00%		\$1,387,658	\$168,328	\$83,559	\$844,615			\$202,151
	Permits and Review Fees			1.00%		\$138,766	\$16,833	\$8,356	\$84,462			\$20,215
	General Conditions			6.00%		\$915,854	\$111,096	\$55,149	\$557,446			\$133,420
	CM Fee + Reimbursables			5.00%		\$809,005	\$98,135	\$48,715	\$492,411			\$117,854
	Design Fees + Reimbursables			8.00%		\$1,359,128	\$164,867	\$81,841	\$827,250			\$197,995
	<b>Total Project Cost</b>			<b>30.00%</b>		<b>\$18,486,994</b>	<b>\$2,242,540</b>	<b>\$1,113,210</b>	<b>\$11,252,338</b>			<b>\$2,693,143</b>