

Facility Condition Assessment Report

DeKalb County School System1701 Mountain Industrial Blvd
Stone Mountain, GA 30083

COMET4 Facility Report

Murphey Candler Elementary Facility Executive Summary ReportReport Date: 05 Jul 2011

Facility: \Elementary Schools\Murphey Candler Elementary
Address: 6775 S. Goddard Road, Lithonia, GA 30038**Attributes:****Facility Code** 4052
Super Cluster 4**General Information:****Function:** Elementary School
Gross Area: 73,818 S.F. **Year Built:**
Last Renovation:**Facility Description:**

The Murphey Candler Elementary School campus consists of two buildings located at 6775 S. Goddard Road in Lithonia, Georgia. The original campus was constructed in 1969, additions to the main school building were constructed in 1975, 1981, and 1990, and a gymnasium building was constructed in 2003. In addition to the buildings, the campus contains a covered walkway and playfield. This report contains condition and adequacy data collected during the 2010/2011 Facility Condition Assessment (FCA). The detailed condition and deficiency statements are contained in this report for each building or other facility on the campus.

Current Repair Cost: \$1,922,993.21**Replacement Cost:** \$13,414,403.19**FCI:** 14.34%

30-Nov-2010
Murphey Candler Elementary School

DeKalb County School System

1701 Mountain Industrial Blvd
 Stone Mountain, GA 30083

COMET4 FCI Report

Murphey Candler Elementary Weighted FCI Report

Report Date: 05 Jul 2011

Facility Name	Last Renovation	Cost Per Sq. Ft.	Gross Area (Sq. Ft.)	Repair Cost	Replacement Cost	Weighted FCI	Critical wt 1.25	Potentially Critical wt 1.1	Necessary wt 1	Recommended wt 0.75	Discretionary wt 0.5
Murphey Candler Elementary\1969, 1975 Building		\$167.12	27,144	\$1,410,845	\$4,536,396	25.56%	\$0	\$198,194	\$139,272	\$1,061,842	\$11,537
Murphey Candler Elementary\1990 Addition	Jan 2009	\$164.45	18,950	\$399,723	\$3,116,343	10.09%	\$6,403	\$32,881	\$0	\$360,439	\$0
Murphey Candler Elementary\2003 Gym		\$149.87	5,478	\$56,154	\$821,014	6.84%	\$0	\$0	\$56,154	\$0	\$0
Murphey Candler Elementary\Site		\$23.54	73,818	\$56,271	\$1,737,440	3.24%	\$0	\$0	\$56,271	\$0	\$0
Murphey Candler Elementary\Covered Walkway		\$27.64	2,000	\$0	\$55,283	0.00%	\$0	\$0	\$0	\$0	\$0
Murphey Candler Elementary\1981 Addition		\$141.51	22,246	\$0	\$3,147,927	0.00%	\$0	\$0	\$0	\$0	\$0

DeKalb County School System

1701 Mountain Industrial Blvd
Stone Mountain, GA 30083

COMET4 Survey Report
Murphey Candler Elementary Detailed Facility Needs Assessment Report

Report Date: 05 Jul 2011

Facility Name	Assembly	System	Material	Distress	Correction	Qty	Unit	Raw Cost	Additional Cost	Total Cost	Priority	Def. Cat.	Location / Note
DeKalb County School System								\$1,397,357	\$525,636	\$1,922,993			
Elementary Schools								\$1,397,357	\$525,636	\$1,922,993			
Murphey Candler Elementary								\$1,397,357	\$525,636	\$1,922,993			
1969, 1975 Building								\$1,022,352	\$388,494	\$1,410,845			
Building Systems								\$1,022,352	\$388,494	\$1,410,845			
B2020	Exterior Windows	System		Beyond Service Life	Renew System	1	Ea.	\$136,751	\$51,966	\$188,717	Recommended	Deferred Maintenance	The original exterior windows are aged, inefficient, and should be replaced with energy efficient windows.
D2090	Other Plumbing Systems - Natural Gas	System		Beyond Service Life	Renew System	1	Ea.	\$8,360	\$3,177	\$11,537	Discretionary	Deferred Maintenance	The natural gas service is original and worn and should be scheduled for replacement.
D3020	Heat Generating Systems	System		Beyond Service Life	Renew System	1	Ea.	\$89,874	\$34,152	\$124,026	Recommended	Deferred Maintenance	The original boiler is aged and inefficient and should be replaced with an energy efficient system.
D3090	Other HVAC Systems/Equip - Kitchen Hood	System		Beyond Service Life	Renew System	1	Ea.	\$25,380	\$9,644	\$35,024	Recommended	Deferred Maintenance	The original kitchen hood is operable, but is aged and inefficient and should be replaced.
D5010	Electrical Service/Distribution	System		Beyond Service Life	Renew System	1	Ea.	\$42,100	\$15,998	\$58,098	Recommended	Deferred Maintenance	The electrical service and distribution system is aged and should be replaced.
D5020	Branch Wiring	System		Beyond Service Life	Renew System	1	Ea.	\$141,230	\$53,667	\$194,898	Recommended	Deferred Maintenance	The branch wiring system is aged and should be replaced.
E1090	Other Equipment - Kitchen Equipment	System		Beyond Service Life	Renew System	1	Ea.	\$315,305	\$119,816	\$435,120	Recommended	Deferred Maintenance	The kitchen equipment is operable, but aged, inefficient, and should be replaced with energy efficient equipment. Pricing includes walk-in refrigeration units.
B2030	Exterior Doors	System		Beyond Service Life	Renew System	1	Ea.	\$18,811	\$7,148	\$25,959	Recommended	Deferred Maintenance	The original exterior doors are operable, but are aged, inefficient, and should be replaced with energy efficient systems.
D3040	Distribution & Exhaust Systems	System		Needs Remediation	Renew System	1	Ea.	\$100,921	\$38,350	\$139,272	Necessary	Deferred Maintenance	The distribution and exhaust system is inadequate and should be replaced. The building has reported foul odors throughout.
D2020	Domestic Water Distribution	System		Needs Remediation	Renew System	1	Ea.	\$77,632	\$29,500	\$107,132	Potentially Critical	Deferred Maintenance	CR 300-314 / There is reported discoloration to the potable water. The domestic water distribution system should be replaced.
D2030	Sanitary Waste	System		Needs Remediation	Renew System	1	Ea.	\$65,987	\$25,075	\$91,062	Potentially Critical	Deferred Maintenance	The sanitary waste system is aged, has reported stoppages, and should be replaced.

DeKalb County School System

1701 Mountain Industrial Blvd
Stone Mountain, GA 30083

COMET4 Survey Report
Murphey Candler Elementary Detailed Facility Needs Assessment Report

Report Date: 05 Jul 2011

Facility Name	Assembly	System	Material	Distress	Correction	Qty	Unit	Raw Cost	Additional Cost	Total Cost	Priority	Def. Cat.	Location / Note
1990 Addition Building Systems D3050		Terminal & Package Units	System	Beyond Service Life	Renew System	1	Ea.	\$289,654 \$289,654 \$261,188	\$110,069 \$110,069 \$99,251	\$399,723 \$399,723 \$360,439	Recommended	Deferred Maintenance	The original roof top package units are aged and should be scheduled for replacement.
B3010		Roof Coverings - BUR	Roof Covering	Needs Remediation	Repair damaged roof coating	4,738	S.F.	\$23,826	\$9,054	\$32,881	Potentially Critical	Deferred Maintenance	The roof along the exterior back wall has reported and observed leaks. The roof coverings and edges in this area should be replaced.
D5010		Electrical Service/Distribution	Transformer	Needs Remediation	replace transformer	1	Ea.	\$4,640	\$1,763	\$6,403	Critical	Safety	The transformer is loud and overheating and should be replaced.
2003 Gym Building Systems D3050		Terminal & Package Units	Packaged A/C, Elec. Ht., Const. Volume	Missing	Install Package A/C - 20 ton	1	Ea.	\$40,691 \$40,691 \$40,691	\$15,463 \$15,463 \$15,463	\$56,154 \$56,154 \$56,154	Necessary	Capital Improvement	Air conditioning is missing in the gymnasium and should be installed.
Site Building Systems G4020		Site Lighting	System	Needs Remediation	Renew System	1	Ea.	\$44,660 \$44,660 \$44,660	\$11,612 \$11,612 \$11,612	\$56,271 \$56,271 \$56,271	Necessary	Deferred Maintenance	The site lighting is reported to be inoperative, assessed as inadequate, and should be replaced.

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Stone Mountain, GA 30083

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Murphey Candler Elementary Facility Executive Summary Report

Report Date: 05 Jul 2011

Facility: \Elementary Schools\Murphey Candler Elementary\1969, 1975 Building**Address:** 6775 S. Goddard Road, Lithonia, GA 30038**Attributes:****Building Codes** 2010, 2011
Fire Sprinkler System No**General Information:****Function:** Elementary School **Year Built:** 1969
Gross Area: 27,144 S.F. **Last Renovation:****Facility Description:**

The Murphey Candler Elementary School main building is a one-story building located at 6775 S. Goddard Road in Lithonia, Georgia. Originally built in 1969, there have been two additions in 1981 and 1990, and a partial renovation in 2009. This report contains condition and adequacy data collected during the 2010/2011 Facility Condition Assessment (FCA). The detailed condition and deficiency statements are contained in this report.

Energy conservation opportunities for this building include: 1) Replacing the exterior windows and doors; 2) Replacing the branch wiring system in conjunction with the electrical service and distribution upgrade; 3) Replacing the electrical service and distribution system; 4) Replacing the boiler; 5) Replacing the kitchen hood and exhaust system; and 6) Replacing the kitchen equipment.

Current Repair Cost: \$1,410,845.23**Replacement Cost:** \$4,536,396.33**FCI:** 31.10%30-Nov-2010
North Elevation30-Nov-2010
North Elevation30-Nov-2010
Northeast Elevation30-Nov-2010
East Elevation

DeKalb County School System

1701 Mountain Industrial Blvd
Stone Mountain, GA 30083

COMET4 Facility Report

Murphey Candler Elementary Facility Executive Summary Report

Report Date: 05 Jul 2011

Facility: \Elementary Schools\Murphey Candler Elementary\1969, 1975 Building (continued)

Building Condition:

System	Unit Price\$	Unit of Meas	Qty	Renewal%	Renewal\$	Life	Installed	Calc Next Renewal	Next Renewal	RSL	Deficiency\$	Replacement Value	FCI%
Total	\$167.12	S.F.	27,144	108	\$4,885,937	42	1987	1989	2010		\$1,410,845	\$4,536,395	31
Substructure	\$13.21	S.F.	27,144	100	\$358,480	100	1969					\$358,480	
Foundations	\$13.21	S.F.	27,144	100	\$358,480	100	1969					\$358,480	
Standard Foundations	\$6.49	S.F.	27,144	100	\$176,056	100	1969					\$176,056	
Special Foundations	\$4.14	S.F.	0	100		100	1969						
Slab on Grade	\$6.72	S.F.	27,144	100	\$182,424	100	1969					\$182,424	
Basement Construction			0			0	0						
Basement Excavation	\$0.22	S.F.	0	100		100	1969						
Basement Walls	\$5.93	S.F.	0	100		100	1969						
Shell	\$32.20	S.F.	27,144	104	\$910,021	69	1982	1999			\$214,676	\$873,911	25
Superstructure	\$4.43	S.F.	27,144	100	\$120,242	100	1969					\$120,242	
Floor Construction	\$14.14	S.F.	0	100		100	1969						
Roof Construction	\$4.43	S.F.	27,144	100	\$120,242	100	1969					\$120,242	
Exterior Enclosure	\$21.65	S.F.	27,144	103	\$607,243	75	1969	1999			\$214,676	\$587,727	37
Exterior Walls	\$14.46	S.F.	27,144	100	\$392,567	100	1969					\$392,567	
Exterior Windows	\$6.32	S.F.	27,144	110	\$188,717	30	1969	1999			\$188,717	\$171,561	110
Exterior Doors	\$0.87	S.F.	27,144	110	\$25,959	30	1969	1999			\$25,959	\$23,599	110
Roofing	\$6.11	S.F.	27,144	110	\$182,536	25	2009	2034				\$165,942	
Roof Coverings - Asphalt Shingles	\$3.70	S.F.	0	110		10	1969						
Roof Coverings - BUR	\$5.55	S.F.	27,144	110	\$165,642	25	2009	2034				\$150,584	
Roof Coverings - EPDM	\$2.84	S.F.	0	110		15	1969						
Roof Coverings - Preformed Metal	\$4.28	S.F.	0	110		30	1969						
Roof Coverings - Standing Seam Metal	\$23.47	S.F.	0	110		75	2009						
Roof Openings	\$0.57	S.F.	27,144	110	\$16,894	30	2009	2039				\$15,358	
Interiors	\$37.11	S.F.	27,144	108	\$1,091,182	41	1994	1999	2015			\$1,007,410	
Interior Construction	\$11.04	S.F.	27,144	104	\$312,667	70	1982	1999	2015			\$299,670	
Partitions	\$6.40	S.F.	27,144	110	\$191,189	100	1969					\$173,808	
Interior Doors	\$2.08	S.F.	27,144	80	\$45,250	30	1969	1999	2015	5		\$56,563	
Fittings	\$2.55	S.F.	27,144	110	\$76,228	20	2009	2029				\$69,299	
Stairs			0			0	0						
Stair Construction	\$1.59	S.F.	0	100		100	1969						
Interior Finishes	\$26.07	S.F.	27,144	110	\$778,515	29	2006	2019				\$707,740	
Wall Finishes - Ceramic & Glazed	\$9.58	S.F.	0	110		30	1969						
Wall Finishes - Paint	\$1.81	S.F.	27,144	110	\$53,978	10	2009	2019				\$49,071	
Wall Finishes - Wall Coverings	\$1.99	S.F.	0	110		10	1969						
Floor Finishes - Carpet	\$7.87	S.F.	0	110		8	1969						
Floor Finishes - Ceramic & Quarry Tile	\$13.40	S.F.	2,714	110	\$40,004	50	1969	2019				\$36,367	
Floor Finishes - Terrazzo	\$48.99	S.F.	4,072	110	\$219,436	50	1969	2019				\$199,487	
Floor Finishes - VCT	\$8.79	S.F.	20,358	110	\$196,855	20	2009	2029				\$178,959	
Floor Finishes - Wood	\$13.58	S.F.	0	110		20	1969						
Ceiling Finishes	\$8.98	S.F.	27,144	110	\$268,242	20	2009	2029				\$243,856	
Services	\$65.81	S.F.	27,144	110	\$1,965,048	25	1989	1999	2010		\$761,049	\$1,786,406	43
Conveying			0			0	0						
Elevators and Lifts	\$1.17	S.F.	0	110		30	1969						
Plumbing	\$24.01	S.F.	27,144	110	\$716,960	23	1985	1999	2010		\$209,731	\$651,782	32
Plumbing Fixtures	\$16.10	S.F.	27,144	110	\$480,858	20	2009	2029				\$437,143	
Domestic Water Distribution	\$3.59	S.F.	27,144	110	\$107,132	30	1969	1999	2010		\$107,132	\$97,393	110
Sanitary Waste	\$3.05	S.F.	27,144	110	\$91,062	30	1969	1999	2010		\$91,062	\$82,784	110
Rain Water Drainage	\$0.88	S.F.	27,144	110	\$26,371	30	2009	2039				\$23,974	
Other Plumbing Systems - Natural Gas	\$0.39	S.F.	27,144	110	\$11,537	30	1969	1999			\$11,537	\$10,488	110
HVAC	\$17.44	S.F.	27,144	110	\$520,827	28	1984	2005	2010		\$298,322	\$473,478	63
Heat Generating Systems	\$4.15	S.F.	27,144	110	\$124,026	30	1975	2005			\$124,026	\$112,751	110
Cooling Generating Systems	\$4.22	S.F.	27,144	110	\$126,086	30	1990	2020				\$114,624	
Distribution & Exhaust Systems	\$4.66	S.F.	27,144	110	\$139,272	30	1990	2020	2010		\$139,272	\$126,610	110
Terminal & Package Units	\$17.29	S.F.	0	110		15	1990						
Controls & Instrumentation	\$3.23	S.F.	27,144	110	\$96,419	20	1990	2010	2015	5		\$87,653	
Other HVAC Systems/Equip - Kitchen Hood	\$1.17	S.F.	27,144	110	\$35,024	30	1975	2005			\$35,024	\$31,840	110
Fire Protection			0			0	0		2010				
Sprinklers	\$4.25	S.F.	0	110		30	0		2010				
Standpipes	\$0.44	S.F.	0	110		30	1969						
Electrical	\$24.36	S.F.	27,144	110	\$727,261	24	1996	1999			\$252,996	\$661,146	38

DeKalb County School System

1701 Mountain Industrial Blvd
Stone Mountain, GA 30083

COMET4 Facility Report

Murphey Candler Elementary Facility Executive Summary Report

Report Date: 05 Jul 2011

System	Unit Price\$	Unit of Meas	Qty	Renewal%	Renewal\$	Life	Installed	Calc Next Renewal	Next Renewal	RSL	Deficiency\$	Replacement Value	FCI%
Electrical Service/Distribution	\$1.95	S.F.	27,144	110	\$58,098	30	1969	1999			\$58,098	\$52,817	110
Branch Wiring	\$6.53	S.F.	27,144	110	\$194,898	30	1969	1999			\$194,898	\$177,180	110
Lighting	\$8.58	S.F.	27,144	110	\$256,293	30	2009	2039				\$232,993	
Communications and Security - Clock & PA Systems	\$5.51	S.F.	27,144	110	\$164,406	10	2009	2019				\$149,460	
Communications and Security - Fire Alarm	\$1.20	S.F.	27,144	110	\$35,848	10	2009	2019				\$32,589	
Communications and Security - Security & CCTV	\$0.59	S.F.	27,144	110	\$17,718	10	2009	2019				\$16,107	
Other Electrical Systems - Emergency Generator	\$0.37	S.F.	0	110		20	1969						
Equipment & Furnishings	\$18.80	S.F.	27,144	110	\$561,206	20	1989	1989			\$435,120	\$510,188	85
Equipment	\$14.57	S.F.	27,144	110	\$435,120	20	1969	1989			\$435,120	\$395,564	110
Commercial Equipment	\$7.53	S.F.	0	110		20	1969						
Institutional Equipment	\$0.40	S.F.	0	110		20	1969						
Other Equipment - Kitchen Equipment	\$14.57	S.F.	27,144	110	\$435,120	20	1969	1989			\$435,120	\$395,564	110
Furnishings	\$4.22	S.F.	27,144	110	\$126,086	20	2009	2029				\$114,624	
Fixed Furnishings	\$4.22	S.F.	27,144	110	\$126,086	20	2009	2029				\$114,624	
Special Construction			0			0	0						
Special Construction			0			0	0						
Special Structures - Canopies	\$1.19	S.F.	0	100		25	1969	1994					

DeKalb County School System

1701 Mountain Industrial Blvd
Stone Mountain, GA 30083

COMET4 Facility Report

Murphey Candler Elementary Facility Executive Summary Report

Report Date: 05 Jul 2011

Facility: \Elementary Schools\Murphey Candler Elementary\1969, 1975 Building (continued)

Renewal Schedule:

Systems	2010-12	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total	\$1,410,845			\$164,233				\$693,344	\$169,449		
Substructure											
Foundations											
Standard Foundations											
Special Foundations											
Slab on Grade											
Basement Construction											
Basement Excavation											
Basement Walls											
Shell	\$214,676										
Superstructure											
Floor Construction											
Roof Construction											
Exterior Enclosure	\$214,676										
Exterior Walls											
Exterior Windows	\$188,717										
Exterior Doors	\$25,959										
Roofing											
Roof Coverings - Asphal Shingles											
Roof Coverings - BUR											
Roof Coverings - EPDM											
Roof Coverings - Preformed Metal											
Roof Coverings - Standing Seam											
Metal											
Roof Openings											
Interiors				\$52,457				\$408,939			
Interior Construction				\$52,457							
Partitions											
Interior Doors				\$52,457							
Fittings											
Stairs											
Stair Construction											
Interior Finishes								\$408,939			
Wall Finishes - Ceramic & Glazed											
Wall Finishes - Paint								\$70,429			
Wall Finishes - Wall Coverings											
Floor Finishes - Carpet											
Floor Finishes - Ceramic & Quarry								\$52,196			
Tile											
Floor Finishes - Terrazzo								\$286,314			
Floor Finishes - VCT											
Floor Finishes - Wood											
Ceiling Finishes											
Services	\$761,049			\$111,776				\$284,405	\$169,449		
Conveying											
Elevators and Lifts											
Plumbing	\$209,731										
Plumbing Fixtures											
Domestic Water Distribution	\$107,132										
Sanitary Waste	\$91,062										
Rain Water Drainage											
Other Plumbing Systems - Natural	\$11,537										
Gas											
HVAC	\$298,322			\$111,776					\$169,449		
Heat Generating Systems	\$124,026										
Cooling Generating Systems									\$169,449		
Distribution & Exhaust Systems	\$139,272										
Terminal & Package Units											
Controls & Instrumentation				\$111,776							
Other HVAC Systems/Equip -	\$35,024										
Kitchen Hood											
Fire Protection											
Sprinklers											
Standpipes											
Electrical	\$252,996							\$284,405			

Facility: \Elementary Schools\Murphey Candler Elementary\1969, 1975 Building (continued)

Deficiency Sheet:

Deficiency:

Assembly: **B2020**
System: **Exterior Windows**
Material: **System**
Distress: **Beyond Service Life**
Category: **Deferred Maintenance**
Correction: **Renew System**
Note: **The original exterior windows are aged, inefficient, and should be replaced with energy efficient windows.**

Surveyor/Update: Chuck Gulley
Priority: 4
Quantity: 1

Wed, 02-Feb-2011



Estimates:

Raw Cost	\$136,751.47
Plus or (Minus) Additional Cost	\$51,965.56
Total Estimated Amount	\$188,717.03

Deficiency:

Assembly: **B2030**
System: **Exterior Doors**
Material: **System**
Distress: **Beyond Service Life**
Category: **Deferred Maintenance**
Correction: **Renew System**
Note: **The original exterior doors are operable, but are aged, inefficient, and should be replaced with energy efficient systems.**

Surveyor/Update: Chuck Gulley
Priority: 4
Quantity: 1

Sat, 30-Apr-2011



Estimates:

Raw Cost	\$18,810.79
Plus or (Minus) Additional Cost	\$7,148.10
Total Estimated Amount	\$25,958.89

DeKalb County School System

1701 Mountain Industrial Blvd
Stone Mountain, GA 30083

COMET4 Facility Report

Murphey Candler Elementary Facility Executive Summary Report

Report Date: 05 Jul 2011

Facility: \Elementary Schools\Murphey Candler Elementary\1969, 1975 Building (continued)

Deficiency:

Assembly: **D2020**
System: **Domestic Water Distribution System**
Material: **System**
Distress: **Needs Remediation**
Category: **Deferred Maintenance**
Correction: **Renew System**

Surveyor/Update: Kate McPhillips
Priority: 2
Quantity: 1

Wed, 02-Feb-2011

Note: **There is reported discoloration to the potable water. The domestic water distribution system should be replaced.**



Estimates:

Raw Cost	\$77,631.84
Plus or (Minus) Additional Cost	\$29,500.10
Total Estimated Amount	\$107,131.94

Deficiency:

Assembly: **D2030**
System: **Sanitary Waste System**
Material: **System**
Distress: **Needs Remediation**
Category: **Deferred Maintenance**
Correction: **Renew System**

Surveyor/Update: Kate McPhillips
Priority: 2
Quantity: 1

Wed, 30-Mar-2011

Note: **The sanitary waste system is aged, has reported stoppages, and should be replaced.**



Estimates:

Raw Cost	\$65,987.06
Plus or (Minus) Additional Cost	\$25,075.08
Total Estimated Amount	\$91,062.14

DeKalb County School System

1701 Mountain Industrial Blvd
Stone Mountain, GA 30083

COMET4 Facility Report

Murphey Candler Elementary Facility Executive Summary Report

Report Date: 05 Jul 2011

Facility: \Elementary Schools\Murphey Candler Elementary\1969, 1975 Building (continued)

Deficiency:

Assembly: **D2090**
System: **Other Plumbing Systems - Natural Gas System**
Material: **System**
Distress: **Beyond Service Life**
Category: **Deferred Maintenance**
Correction: **Renew System**

Surveyor/Update: Chuck Gulley
Priority: 5
Quantity: 1

Wed, 11-May-2011

Note: **The natural gas service is original and worn and should be scheduled for replacement.**



Estimates:

Raw Cost	\$8,360.35
Plus or (Minus) Additional Cost	\$3,176.93
Total Estimated Amount	\$11,537.28

Deficiency:

Assembly: **D3020**
System: **Heat Generating Systems**
Material: **System**
Distress: **Beyond Service Life**
Category: **Deferred Maintenance**
Correction: **Renew System**

Surveyor/Update: Chuck Gulley
Priority: 4
Quantity: 1

Fri, 24-Jun-2011

Note: **The original boiler is aged and inefficient and should be replaced with an energy efficient system.**



Estimates:

Raw Cost	\$89,873.78
Plus or (Minus) Additional Cost	\$34,152.04
Total Estimated Amount	\$124,025.82

DeKalb County School System

1701 Mountain Industrial Blvd
Stone Mountain, GA 30083

COMET4 Facility Report

Murphey Candler Elementary Facility Executive Summary Report

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Facility: \Elementary Schools\Murphey Candler Elementary\1969, 1975 Building (continued)

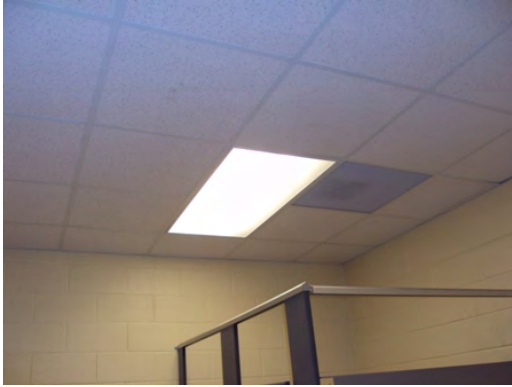
Deficiency:

Assembly: **D3040**
System: **Distribution & Exhaust Systems**
Material: **System**
Distress: **Needs Remediation**
Category: **Deferred Maintenance**
Correction: **Renew System**

Surveyor/Update: Kate McPhillips
Priority: 3
Quantity: 1

Wed, 02-Feb-2011

Note: **The distribution and exhaust system is inadequate and should be replaced. The buidling has reported foul odors throughout.**



Estimates:

Raw Cost	\$100,921.39
Plus or (Minus) Additional Cost	\$38,350.13
Total Estimated Amount	\$139,271.52

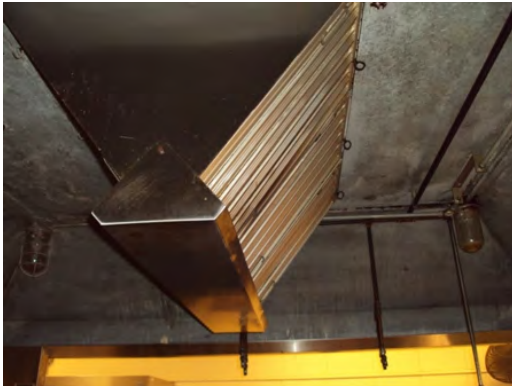
Deficiency:

Assembly: **D3090**
System: **Other HVAC Systems/Equip - Kitchen Hood**
Material: **System**
Distress: **Beyond Service Life**
Category: **Deferred Maintenance**
Correction: **Renew System**

Surveyor/Update: Chuck Gulley
Priority: 4
Quantity: 1

Fri, 24-Jun-2011

Note: **The original kitchen hood is operable, but is aged and inefficient and should be replaced.**



Estimates:

Raw Cost	\$25,379.64
Plus or (Minus) Additional Cost	\$9,644.26
Total Estimated Amount	\$35,023.90

DeKalb County School System

1701 Mountain Industrial Blvd
Stone Mountain, GA 30083

COMET4 Facility Report

Murphey Candler Elementary Facility Executive Summary Report

Report Date: 05 Jul 2011

Facility: \Elementary Schools\Murphey Candler Elementary\1969, 1975 Building (continued)

Deficiency:

Assembly: **D5010**
System: **Electrical Service/Distribution System**
Material: **Beyond Service Life**
Distress: **Beyond Service Life**
Category: **Deferred Maintenance**
Correction: **Renew System**

Surveyor/Update: Chuck Gulley
Priority: 4
Quantity: 1

Wed, 29-Dec-2010

Note: **The electrical service and distribution system is aged and should be replaced.**



Estimates:

Raw Cost	\$42,100.34
Plus or (Minus) Additional Cost	\$15,998.13
Total Estimated Amount	\$58,098.47

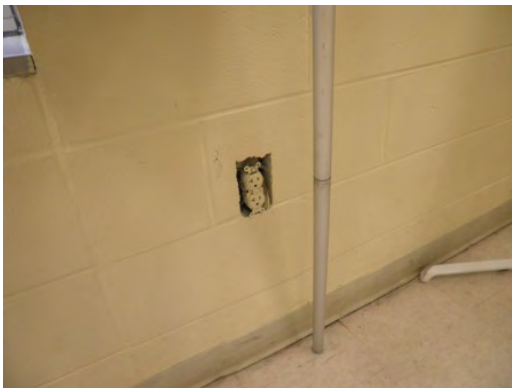
Deficiency:

Assembly: **D5020**
System: **Branch Wiring System**
Material: **Beyond Service Life**
Distress: **Beyond Service Life**
Category: **Deferred Maintenance**
Correction: **Renew System**

Surveyor/Update: Chuck Gulley
Priority: 4
Quantity: 1

Wed, 29-Dec-2010

Note: **The branch wiring system is aged and should be replaced.**



Estimates:

Raw Cost	\$141,230.23
Plus or (Minus) Additional Cost	\$53,667.49
Total Estimated Amount	\$194,897.72

DeKalb County School System

1701 Mountain Industrial Blvd
Stone Mountain, GA 30083

COMET4 Facility Report

Murphey Candler Elementary Facility Executive Summary Report

Report Date: 05 Jul 2011

Facility: \Elementary Schools\Murphey Candler Elementary\1969, 1975 Building (continued)

Deficiency:

Assembly: **E1090**
System: **Other Equipment - Kitchen Equipment**
Material: **System**
Distress: **Beyond Service Life**
Category: **Deferred Maintenance**
Correction: **Renew System**

Surveyor/Update: Chuck Gulley
Priority: 4
Quantity: 1

Wed, 11-May-2011

Note: **The kitchen equipment is operable, but aged, inefficient, and should be replaced with energy efficient equipment. Pricing includes walk-in refrigeration units.**



Estimates:

Raw Cost	\$315,304.70
Plus or (Minus) Additional Cost	\$119,815.79
Total Estimated Amount	\$435,120.49

DeKalb County School System

1701 Mountain Industrial Blvd
Stone Mountain, GA 30083

COMET4 Facility Report

Murphey Candler Elementary Facility Executive Summary Report

Report Date: 05 Jul 2011

Facility: \Elementary Schools\Murphey Candler Elementary\1981 Addition
Address: 6775 S. Goddard Road, Lithonia, GA 30038

Attributes:

Building Codes 2012
Fire Sprinkler System No

General Information:

Function: Elementary School **Year Built:** 1981
Gross Area: 22,246 S.F. **Last Renovation:**

Facility Description:

The 1981 Administrative/Classroom Addition at Murphey Candler Elementary School is a one-story building located at 6775 S. Goddard Road in Lithonia, Georgia. There has been no additions and a partial renovation in 2009. This report contains condition and adequacy data collected during the 2010/2011 Facility Condition Assessment (FCA). The detailed condition and deficiency statements are contained in this report.

There are no energy conservation opportunities for this building at this time.

Current Repair Cost: \$0.00

Replacement Cost: \$3,147,926.90

FCI: 0.00%



30-Nov-2010
North Elevation



30-Nov-2010
Northwest Elevation



30-Nov-2010
West Elevation



30-Nov-2010
Southeast Elevation

DeKalb County School System

1701 Mountain Industrial Blvd
Stone Mountain, GA 30083

COMET4 Facility Report

Murphey Candler Elementary Facility Executive Summary Report

Report Date: 05 Jul 2011

Facility: \Elementary Schools\Murphey Candler Elementary\1981 Addition (continued)

Building Condition:

System	Unit Price\$	Unit of Meas	Qty	Renewal%	Renewal\$	Life	Installed	Calc Next Renewal	Next Renewal	RSL	Deficiency\$	Replacement Value	FCI%
Total	\$141.51	S.F.	22,246	107	\$3,377,403	44	1989	2001	2010		0	\$3,147,931	
Substructure	\$13.21	S.F.	22,246	100	\$293,794	100	1981					\$293,794	
Foundations	\$13.21	S.F.	22,246	100	\$293,794	100	1981					\$293,794	
Standard Foundations	\$6.49	S.F.	22,246	100	\$144,288	100	1981					\$144,288	
Special Foundations	\$4.14	S.F.	0	100		100	1981						
Slab on Grade	\$6.72	S.F.	22,246	100	\$149,506	100	1981					\$149,506	
Basement Construction			0			0	0						
Basement Excavation	\$0.22	S.F.	0	100		100	1981						
Basement Walls	\$5.93	S.F.	0	100		100	1981						
Shell	\$32.20	S.F.	22,246	104	\$745,813	69	1986	2011	2014			\$716,220	
Superstructure	\$4.43	S.F.	22,246	100	\$98,545	100	1981					\$98,545	
Floor Construction	\$14.14	S.F.	0	100		100	1981						
Roof Construction	\$4.43	S.F.	22,246	100	\$98,545	100	1981					\$98,545	
Exterior Enclosure	\$21.65	S.F.	22,246	103	\$497,670	75	1981	2011	2014			\$481,676	
Exterior Walls	\$14.46	S.F.	22,246	100	\$321,731	100	1981					\$321,731	
Exterior Windows	\$6.32	S.F.	22,246	110	\$154,664	30	1981	2011	2014	4		\$140,604	
Exterior Doors	\$0.87	S.F.	22,246	110	\$21,275	30	1981	2011	2014	4		\$19,341	
Roofing	\$6.11	S.F.	22,246	110	\$149,598	25	1995	2011	2014			\$135,999	
Roof Coverings - Asphal Shingles	\$3.70	S.F.	0	110		10	1981						
Roof Coverings - BUR	\$5.55	S.F.	22,246	110	\$135,753	25	2009	2034				\$123,412	
Roof Coverings - EPDM	\$2.84	S.F.	0	110		15	1981						
Roof Coverings - Preformed Metal	\$4.28	S.F.	0	110		30	1981						
Roof Coverings - Standing Seam Metal	\$23.47	S.F.	0	110		75	1981						
Roof Openings	\$0.57	S.F.	22,246	110	\$13,845	30	1981	2011	2014	4		\$12,587	
Interiors	\$36.09	S.F.	22,246	108	\$869,166	40	1994	2001	2015			\$802,794	
Interior Construction	\$11.04	S.F.	22,246	104	\$256,248	70	1981	2001	2015			\$245,596	
Partitions	\$6.40	S.F.	22,246	110	\$156,690	100	1981					\$142,446	
Interior Doors	\$2.08	S.F.	22,246	80	\$37,085	30	1981	2011	2015	5		\$46,356	
Fittings	\$2.55	S.F.	22,246	110	\$62,473	20	1981	2001	2015	5		\$56,794	
Stairs			0			0	0						
Stair Construction	\$1.59	S.F.	0	100		100	1981						
Interior Finishes	\$25.05	S.F.	22,246	110	\$612,918	27	2008	2001				\$557,198	
Wall Finishes - Ceramic & Glazed	\$9.58	S.F.	0	110		30	1981						
Wall Finishes - Paint	\$1.81	S.F.	22,246	110	\$44,238	10	2009	2019				\$40,216	
Wall Finishes - Wall Coverings	\$1.99	S.F.	0	110		10	1981						
Floor Finishes - Carpet	\$7.87	S.F.	3,337	110	\$28,874	8	2009	2017				\$26,249	
Floor Finishes - Epoxy Paint	\$4.53	S.F.	2,225	110	\$11,078	10	2009	2019				\$10,071	
Floor Finishes - Terrazzo	\$48.99	S.F.	3,337	110	\$179,828	50	1981	2031				\$163,480	
Floor Finishes - VCT	\$8.79	S.F.	13,347	110	\$129,061	20	2009	2029				\$117,328	
Floor Finishes - Wood	\$13.58	S.F.	0	110		20	1981	2001					
Ceiling Finishes	\$8.98	S.F.	22,246	110	\$219,839	20	2009					\$199,854	
Services	\$55.39	S.F.	22,246	110	\$1,355,503	24	1990	2010	2010			\$1,232,280	
Conveying			0			0	0						
Elevators and Lifts	\$1.17	S.F.	0	110		30	1981						
Plumbing	\$24.01	S.F.	22,246	110	\$587,587	23	1987	2011	2014			\$534,172	
Plumbing Fixtures	\$16.10	S.F.	22,246	110	\$394,089	20	2009	2029				\$358,263	
Domestic Water Distribution	\$3.59	S.F.	22,246	110	\$87,801	30	1981	2011	2014	4		\$79,819	
Sanitary Waste	\$3.05	S.F.	22,246	110	\$74,630	30	1981	2011	2014	4		\$67,846	
Rain Water Drainage	\$0.88	S.F.	22,246	110	\$21,612	30	1981	2011	2014	4		\$19,648	
Other Plumbing Systems - Natural Gas	\$0.39	S.F.	22,246	110	\$9,455	30	1981	2011	2014	4		\$8,596	
HVAC	\$7.02	S.F.	22,246	110	\$171,886	25	1986	2010	2014			\$156,261	
Heat Generating Systems	\$4.15	S.F.	0	110		30	1981						
Cooling Generating Systems	\$4.22	S.F.	0	110		30	1981						
Distribution & Exhaust Systems	\$3.80	S.F.	22,246	110	\$92,866	30	1981	2011	2014	4		\$84,424	
Terminal & Package Units	\$17.29	S.F.	0	110		15	1981						
Controls & Instrumentation	\$3.23	S.F.	22,246	110	\$79,020	20	1990	2010	2015	5		\$71,837	
Other HVAC Systems/Equip - Kitchen Hood	\$1.17	S.F.	0	110		30	1981						
Fire Protection			0			0	0		2010				
Sprinklers	\$4.25	S.F.	0	110		30	0		2010				
Standpipes	\$0.44	S.F.	0	110		30	1981						
Electrical	\$24.36	S.F.	22,246	110	\$596,030	24	1995	2011	2014			\$541,847	
Electrical Service/Distribution	\$1.95	S.F.	22,246	110	\$47,615	30	1981	2011	2014	4		\$43,286	

DeKalb County School System

1701 Mountain Industrial Blvd
 Stone Mountain, GA 30083

COMET4 Facility Report

Murphey Candler Elementary Facility Executive Summary Report

Report Date: 05 Jul 2011

System	Unit Price\$	Unit of Meas	Qty	Renewal%	Renewal\$	Life	Installed	Calc Next Renewal	Next Renewal	RSL	Deficiency\$	Replacement Value	FCI%
Branch Wiring	\$6.53	S.F.	22,246	110	\$159,729	30	1981	2011	2014	4		\$145,209	
Lighting	\$8.58	S.F.	22,246	110	\$210,046	30	1981	2011	2014	4		\$190,951	
Communications and Security - Clock & PA Systems	\$5.51	S.F.	22,246	110	\$134,740	10	2009	2019				\$122,491	
Communications and Security - Fire Alarm	\$1.20	S.F.	22,246	110	\$29,379	10	2009	2019				\$26,709	
Communications and Security - Security & CCTV	\$0.59	S.F.	22,246	110	\$14,521	10	2009	2019				\$13,201	
Other Electrical Systems - Emergency Generator	\$0.37	S.F.	0	110		15	1981						
Equipment & Furnishings	\$4.62	S.F.	22,246	110	\$113,127	20	1981	2001	2015			\$102,843	
Equipment	\$0.40	S.F.	22,246	110	\$9,793	20	1981	2001	2015			\$8,903	
Commercial Equipment	\$7.53	S.F.	0	110		20	1981						
Institutional Equipment	\$0.40	S.F.	22,246	110	\$9,793	20	1981	2001	2015	5		\$8,903	
Other Equipment	\$0.77	S.F.	0	110		20	1981						
Furnishings	\$4.22	S.F.	22,246	110	\$103,334	20	1981	2001	2015			\$93,940	
Fixed Furnishings	\$4.22	S.F.	22,246	110	\$103,334	20	1981	2001	2015	5		\$93,940	
Special Construction			0			0	0						
Special Construction			0			0	0						
Special Structures - Canopies	\$1.19	S.F.	0	100		25	1981						

DeKalb County School System

1701 Mountain Industrial Blvd
Stone Mountain, GA 30083

COMET4 Facility Report

Murphey Candler Elementary Facility Executive Summary Report

Report Date: 05 Jul 2011

Facility: \Elementary Schools\Murphey Candler Elementary\1981 Addition (continued)

Deficiency Sheet:

*** No Deficiencies Found ***

DeKalb County School System

1701 Mountain Industrial Blvd
Stone Mountain, GA 30083

COMET4 Facility Report

Murphey Candler Elementary Facility Executive Summary Report

Report Date: 05 Jul 2011

Facility: \Elementary Schools\Murphey Candler Elementary\1990 Addition
Address: 6775 S. Goddard Road, Lithonia, GA 30038

Attributes:

Building Codes 2013
Fire Sprinkler System Yes

General Information:

Function: Elementary School **Year Built:** 1990
Gross Area: 18,950 S.F. **Last Renovation:** 2009

Facility Description:

The 1990 Classroom Addition at Murphey Candler Elementary School is a one-story building located at 6775 S. Goddard Road in Lithonia, Georgia. There have been no additions and a partial renovation in 2009. This report contains condition and adequacy data collected during the 2010/2011 Facility Condition Assessment (FCA). The detailed condition and deficiency statements are contained in this report.

Energy conservation opportunities for this building include: 1) Replacing the roof covering and insulation; 2) Replacing the aged HVAC system with an energy efficient system; and 3) Replacing the HVAC controls with an effective energy management system that completely controls HVAC and lighting.

Current Repair Cost: \$399,722.93

Replacement Cost: \$3,116,343.24

FCI: 12.83%



30-Nov-2010
Southeast Elevation



30-Nov-2010
Southwest Elevation



30-Nov-2010
West Elevation



30-Nov-2010
Northwest Elevation

DeKalb County School System

1701 Mountain Industrial Blvd
Stone Mountain, GA 30083

COMET4 Facility Report

Murphey Candler Elementary Facility Executive Summary Report

Report Date: 05 Jul 2011

Facility: \Elementary Schools\Murphey Candler Elementary\1990 Addition (continued)

Building Condition:

System	Unit Price\$	Unit of Meas	Qty	Renewal%	Renewal\$	Life	Installed	Calc Next Renewal	Next Renewal	RSL	Deficiency\$	Replacement Value	FCI%
Total	\$164.45	S.F.	18,950	108	\$3,355,304	41	1994	2000	2015		\$399,723	\$3,116,343	13
Substructure	\$13.21	S.F.	18,950	100	\$250,265	100	1990					\$250,265	
Foundations	\$13.21	S.F.	18,950	100	\$250,265	100	1990					\$250,265	
Standard Foundations	\$6.49	S.F.	18,950	100	\$122,910	100	1990					\$122,910	
Special Foundations	\$4.14	S.F.	0	100		100	1990						
Slab on Grade	\$6.72	S.F.	18,950	100	\$127,355	100	1990					\$127,355	
Basement Construction			0			0	0						
Basement Excavation	\$0.22	S.F.	0	100		100	1990						
Basement Walls	\$5.93	S.F.	0	100		100	1990						
Shell	\$32.20	S.F.	18,950	104	\$635,313	69	1996	2000			\$32,881	\$610,103	5
Superstructure	\$4.43	S.F.	18,950	100	\$83,945	100	1990					\$83,945	
Floor Construction	\$14.14	S.F.	0	100		100	1990						
Roof Construction	\$4.43	S.F.	18,950	100	\$83,945	100	1990					\$83,945	
Exterior Enclosure	\$21.65	S.F.	18,950	103	\$423,934	75	1990	2020				\$410,309	
Exterior Walls	\$14.46	S.F.	18,950	100	\$274,062	100	1990					\$274,062	
Exterior Windows	\$6.32	S.F.	18,950	110	\$131,749	30	1990	2020				\$119,772	
Exterior Doors	\$0.87	S.F.	18,950	110	\$18,123	30	1990	2020				\$16,475	
Roofing	\$6.11	S.F.	18,950	110	\$127,434	25	2009	2000			\$32,881	\$115,849	28
Roof Coverings - Asphal Shingles	\$3.70	S.F.	0	110		10	1990	2000					
Roof Coverings - BUR	\$5.55	S.F.	18,950	110	\$115,640	25	2009	2034			\$32,881	\$105,127	31
Roof Coverings - EPDM	\$2.84	S.F.	0	110		15	1990	2005					
Roof Coverings - Preformed Metal	\$4.28	S.F.	0	110		30	1990	2020					
Roof Coverings - Standing Seam Metal	\$23.47	S.F.	0	110		75	1990	2065					
Roof Openings	\$0.57	S.F.	18,950	110	\$11,794	30	2009	2039				\$10,722	
Interiors	\$37.89	S.F.	18,950	108	\$777,991	41	1998	2010	2015			\$718,036	
Interior Construction	\$11.04	S.F.	18,950	104	\$218,282	70	1990	2010	2015			\$209,208	
Partitions	\$6.40	S.F.	18,950	110	\$133,475	100	1990					\$121,341	
Interior Doors	\$2.08	S.F.	18,950	80	\$31,590	30	1990	2020				\$39,488	
Fittings	\$2.55	S.F.	18,950	110	\$53,217	20	1990	2010	2015	5		\$48,379	
Stairs			0			0	0						
Stair Construction	\$1.59	S.F.	0	100		100	1990						
Interior Finishes	\$26.85	S.F.	18,950	110	\$559,709	29	2007	2019				\$508,828	
Wall Finishes - Ceramic & Glazed	\$9.58	S.F.	1,895	110	\$19,964	30	1990	2020				\$18,149	
Wall Finishes - Paint	\$1.81	S.F.	17,055	110	\$33,915	10	2009	2019				\$30,832	
Wall Finishes - Wall Coverings	\$1.99	S.F.	0	110		10	1990						
Floor Finishes - Carpet	\$7.87	S.F.	0	110		8	2009						
Floor Finishes - Ceramic & Quarry Tile	\$13.40	S.F.	1,895	110	\$27,932	50	1990	2040				\$25,393	
Floor Finishes - Terrazzo	\$48.99	S.F.	2,843	110	\$153,206	50	1990	2040				\$139,279	
Floor Finishes - VCT	\$8.79	S.F.	14,212	110	\$137,425	20	2009	2029				\$124,932	
Floor Finishes - Wood	\$13.58	S.F.	0	110		20	1990						
Ceiling Finishes	\$8.98	S.F.	18,950	110	\$187,267	20	2009	2029				\$170,243	
Services	\$76.93	S.F.	18,950	110	\$1,603,711	22	1993	2000	2015		\$366,842	\$1,457,917	25
Conveying			0			0	0						
Elevators and Lifts	\$1.17	S.F.	0	110		30	1990						
Plumbing	\$24.01	S.F.	18,950	110	\$500,530	23	1994	2020				\$455,028	
Plumbing Fixtures	\$16.10	S.F.	18,950	110	\$335,700	20	2009	2029				\$305,182	
Domestic Water Distribution	\$3.59	S.F.	18,950	110	\$74,792	30	1990	2020				\$67,993	
Sanitary Waste	\$3.05	S.F.	18,950	110	\$63,573	30	1990	2020				\$57,794	
Rain Water Drainage	\$0.88	S.F.	18,950	110	\$18,410	30	1990	2020				\$16,737	
Other Plumbing Systems - Natural Gas	\$0.39	S.F.	18,950	110	\$8,055	30	1990	2020				\$7,322	
HVAC	\$24.32	S.F.	18,950	110	\$506,859	18	1990	2005	2015		\$360,439	\$460,780	78
Heat Generating Systems	\$4.15	S.F.	0	110		30	1990						
Cooling Generating Systems	\$4.22	S.F.	0	110		30	1990						
Distribution & Exhaust Systems	\$3.80	S.F.	18,950	110	\$79,107	30	1990	2020				\$71,915	
Terminal & Package Units	\$17.29	S.F.	18,950	110	\$360,439	15	1990	2005			\$360,439	\$327,672	110
Controls & Instrumentation	\$3.23	S.F.	18,950	110	\$67,313	20	1990	2010	2015	5		\$61,193	
Other HVAC Systems/Equip - Kitchen Hood	\$1.17	S.F.	0	110		30	1990						
Fire Protection	\$4.25	S.F.	18,950	110	\$88,600	30	1990	2020				\$80,545	
Sprinklers	\$4.25	S.F.	18,950	110	\$88,600	30	1990	2020				\$80,545	
Standpipes	\$0.44	S.F.	0	110		30	1990						
Electrical	\$24.36	S.F.	18,950	110	\$507,722	24	1993	2000	2015		\$6,403	\$461,564	1

DeKalb County School System

1701 Mountain Industrial Blvd
 Stone Mountain, GA 30083

COMET4 Facility Report

Murphey Candler Elementary Facility Executive Summary Report

Report Date: 05 Jul 2011

System	Unit Price\$	Unit of Meas	Qty	Renewal%	Renewal\$	Life	Installed	Calc Next Renewal	Next Renewal	RSL	Deficiency\$	Replacement Value	FCI%
Electrical Service/Distribution	\$1.95	S.F.	18,950	110	\$40,560	30	1990	2020			\$6,403	\$36,873	17
Branch Wiring	\$6.53	S.F.	18,950	110	\$136,064	30	1990	2020				\$123,694	
Lighting	\$8.58	S.F.	18,950	110	\$178,925	30	2009	2039				\$162,659	
Communications and Security - Clock & PA Systems	\$5.51	S.F.	18,950	110	\$114,777	10	1990	2000	2015	5		\$104,342	
Communications and Security - Fire Alarm	\$1.20	S.F.	18,950	110	\$25,027	10	1990	2000	2015	5		\$22,751	
Communications and Security - Security & CCTV	\$0.59	S.F.	18,950	110	\$12,369	10	1990	2000	2015	5		\$11,245	
Other Electrical Systems - Emergency Generator	\$0.37	S.F.	0	110		15	1990						
Equipment & Furnishings	\$4.22	S.F.	18,950	110	\$88,024	20	1990	2010	2015			\$80,022	
Equipment			0			0	0						
Commercial Equipment	\$7.53	S.F.	0	110		20	1990						
Institutional Equipment	\$0.40	S.F.	0	110		20	1990						
Other Equipment	\$0.77	S.F.	0	110		20	1990						
Furnishings	\$4.22	S.F.	18,950	110	\$88,024	20	1990	2010	2015			\$80,022	
Fixed Furnishings	\$4.22	S.F.	18,950	110	\$88,024	20	1990	2010	2015	5		\$80,022	
Special Construction			0			0	0						
Special Construction			0			0	0						
Special Structures - Canopies	\$1.19	S.F.	0	100		25	1990						

DeKalb County School System

1701 Mountain Industrial Blvd
Stone Mountain, GA 30083

COMET4 Facility Report

Murphey Candler Elementary Facility Executive Summary Report

Report Date: 05 Jul 2011

Facility: \Elementary Schools\Murphey Candler Elementary\1990 Addition (continued)

Renewal Schedule:

Systems	2010-12	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total	\$399,723			\$418,182				\$44,252	\$954,968		
Substructure											
Foundations											
Standard Foundations											
Special Foundations											
Slab on Grade											
Basement Construction											
Basement Excavation											
Basement Walls											
Shell	\$32,881								\$201,414		
Superstructure											
Floor Construction											
Roof Construction											
Exterior Enclosure									\$201,414		
Exterior Walls											
Exterior Windows									\$177,059		
Exterior Doors									\$24,355		
Roofing	\$32,881										
Roof Coverings - Asphal Shingles											
Roof Coverings - BUR	\$32,881										
Roof Coverings - EPDM											
Roof Coverings - Preformed Metal											
Roof Coverings - Standing Seam											
Metal											
Roof Openings											
Interiors				\$61,693				\$44,252	\$69,285		
Interior Construction				\$61,693					\$42,455		
Partitions											
Interior Doors									\$42,455		
Fittings				\$61,693							
Stairs											
Stair Construction											
Interior Finishes								\$44,252	\$26,830		
Wall Finishes - Ceramic & Glazed									\$26,830		
Wall Finishes - Paint								\$44,252			
Wall Finishes - Wall Coverings											
Floor Finishes - Carpet											
Floor Finishes - Ceramic & Quarry											
Tile											
Floor Finishes - Terrazzo											
Floor Finishes - VCT											
Floor Finishes - Wood											
Ceiling Finishes											
Services	\$366,842			\$254,445					\$684,269		
Conveying											
Elevators and Lifts											
Plumbing									\$221,518		
Plumbing Fixtures											
Domestic Water Distribution									\$100,514		
Sanitary Waste									\$85,437		
Rain Water Drainage									\$24,742		
Other Plumbing Systems - Natural									\$10,825		
Gas											
HVAC	\$360,439			\$78,034					\$106,313		
Heat Generating Systems											
Cooling Generating Systems											
Distribution & Exhaust Systems									\$106,313		
Terminal & Package Units	\$360,439										
Controls & Instrumentation				\$78,034							
Other HVAC Systems/Equip -											
Kitchen Hood											
Fire Protection									\$119,070		
Sprinklers									\$119,070		
Standpipes											
Electrical	\$6,403			\$176,411					\$237,368		

Facility: \Elementary Schools\Murphey Candler Elementary\1990 Addition (continued)

Deficiency Sheet:

Deficiency:

Assembly: **B3010**
System: **Roof Coverings - BUR**
Material: **Roof Covering**
Distress: **Needs Remediation**
Category: **Deferred Maintenance**
Correction: **Repair damaged roof coating**
Note: **The roof along the exterior back wall has reported and observed leaks. The roof coverings and edges in this area should be replaced.**

Surveyor/Update: Kate McPhillips Fri, 13-May-2011
Priority: 2
Quantity: 4,738



Estimates:

Raw Cost	\$23,826.46
Plus or (Minus) Additional Cost	\$9,054.05
Total Estimated Amount	\$32,880.51

Deficiency:

Assembly: **D3050**
System: **Terminal & Package Units**
Material: **System**
Distress: **Beyond Service Life**
Category: **Deferred Maintenance**
Correction: **Renew System**
Note: **The original roof top package units are aged and should be scheduled for replacement.**

Surveyor/Update: Chuck Gulley Wed, 29-Dec-2010
Priority: 4
Quantity: 1



Estimates:

Raw Cost	\$261,187.85
Plus or (Minus) Additional Cost	\$99,251.38
Total Estimated Amount	\$360,439.23

Facility: \Elementary Schools\Murphey Candler Elementary\1990 Addition (continued)

Deficiency:

Assembly: **D5010**
System: **Electrical Service/Distribution**
Material: **Transformer**
Distress: **Needs Remediation**
Category: **Safety**
Correction: **replace transformer**
Note: **The transformer is loud and overheating and should be replaced.**

Surveyor/Update: Kate McPhillips
Priority: 1
Quantity: 1

Sat, 02-Apr-2011



Estimates:

Raw Cost	\$4,639.99
Plus or (Minus) Additional Cost	\$1,763.20
Total Estimated Amount	\$6,403.19

DeKalb County School System

1701 Mountain Industrial Blvd
Stone Mountain, GA 30083

COMET4 Facility Report

Murphey Candler Elementary Facility Executive Summary Report

Report Date: 05 Jul 2011

Facility: \Elementary Schools\Murphey Candler Elementary\2003 Gym
Address: 6775 S. Goddard Road, Lithonia, GA 30038

Attributes:

Building Codes 2020
Fire Sprinkler System No

General Information:

Function: Elementary School **Year Built:** 2003
Gross Area: 5,478 S.F. **Last Renovation:**

Facility Description:

The 2003 Gymnasium Addition at Murphey Candler Elementary School is a one-story building located at 6775 S. Goddard Road in Lithonia, Georgia. There have been no additions and no major renovations. This report contains condition and adequacy data collected during the 2010/2011 Facility Condition Assessment (FCA). The detailed condition and deficiency statements are contained in this report.

An energy conservation opportunity for this building is to select and install an energy efficient cooling system.

Current Repair Cost: \$56,153.58

Replacement Cost: \$821,014.41

FCI: 6.84%



30-Nov-2010
North Elevation



30-Nov-2010
Northeast Elevation



30-Nov-2010
West Elevation



30-Nov-2010
East Elevation

DeKalb County School System

1701 Mountain Industrial Blvd
Stone Mountain, GA 30083

COMET4 Facility Report

Murphey Candler Elementary Facility Executive Summary Report

Report Date: 05 Jul 2011

Facility: \Elementary Schools\Murphey Candler Elementary\2003 Gym (continued)

Building Condition:

System	Unit Price\$	Unit of Meas	Qty	Renewal%	Renewal\$	Life	Installed	Calc Next Renewal	Next Renewal	RSL	Deficiency\$	Replacement Value	FCI%
Total	\$149.88	S.F.	5,478	106	\$869,857	61	2003	2011	2014		\$56,154	\$821,018	7
Substructure	\$17.07	S.F.	5,478	100	\$93,513	100	2003					\$93,513	
Foundations	\$17.07	S.F.	5,478	100	\$93,513	100	2003					\$93,513	
Standard Foundations	\$10.57	S.F.	5,478	100	\$57,907	100	2003					\$57,907	
Slab on Grade	\$6.50	S.F.	5,478	100	\$35,606	100	2003					\$35,606	
Shell	\$45.06	S.F.	5,478	103	\$254,585	89	2003	2033				\$246,822	
Superstructure	\$14.21	S.F.	5,478	100	\$77,864	100	2003					\$77,864	
Roof Construction	\$14.21	S.F.	5,478	100	\$77,864	100	2003					\$77,864	
Exterior Enclosure	\$18.96	S.F.	5,478	101	\$105,124	91	2003	2033				\$103,869	
Exterior Walls	\$16.67	S.F.	5,478	100	\$91,320	100	2003					\$91,320	
Exterior Doors	\$2.29	S.F.	5,478	110	\$13,804	30	2003	2033				\$12,549	
Roofing	\$11.88	S.F.	5,478	110	\$71,597	75	2003	2078				\$65,089	
Roof Coverings - Standing Seam Metal	\$11.88	S.F.	5,478	110	\$71,597	75	2003	2078				\$65,089	
Interiors	\$42.64	S.F.	5,478	107	\$249,925	57	2003	2011	2014			\$233,556	
Interior Construction	\$21.51	S.F.	5,478	104	\$122,655	76	2003	2023				\$117,855	
Partitions	\$13.57	S.F.	5,478	110	\$81,742	100	2003					\$74,311	
Interior Doors	\$4.25	S.F.	5,478	80	\$18,627	40	2003	2043				\$23,284	
Fittings	\$3.70	S.F.	5,478	110	\$22,286	20	2003	2023				\$20,260	
Interior Finishes	\$21.12	S.F.	5,478	110	\$127,270	38	2003	2011	2014			\$115,701	
Wall Finishes - Ceramic	\$7.19	S.F.	0	110		30	2003						
Wall Finishes - Paint	\$1.52	S.F.	5,478	110	\$9,147	10	2003	2013				\$8,316	
Floor Finishes - Ceramic Tile	\$7.16	S.F.	548	110	\$4,317	8	2003	2011	2014	4		\$3,925	
Floor Finishes - Neoprene	\$19.06	S.F.	3,834	110	\$80,374	50	2003	2053				\$73,068	
Floor Finishes - VCT	\$5.38	S.F.	1,096	110	\$6,489	15	2003	2018				\$5,899	
Ceiling Finishes	\$4.47	S.F.	5,478	110	\$26,943	20	2003	2023				\$24,493	
Services	\$45.11	S.F.	5,478	110	\$271,834	26	2003	2013			\$56,154	\$247,127	23
Plumbing	\$14.59	S.F.	5,478	110	\$87,895	30	2003	2033				\$79,906	
Plumbing Fixtures	\$7.20	S.F.	5,478	110	\$43,407	30	2003	2033				\$39,461	
Domestic Water Distribution	\$5.96	S.F.	5,478	110	\$35,923	30	2003	2033				\$32,658	
Sanitary Waste	\$0.87	S.F.	5,478	110	\$5,239	30	2003	2033				\$4,763	
Rain Water Drainage	\$0.22	S.F.	5,478	110	\$1,330	30	2003	2033				\$1,210	
Other Plumbing Systems - Natural Gas	\$0.33	S.F.	5,478	110	\$1,996	30	2003	2033				\$1,814	
HVAC	\$12.79	S.F.	5,478	110	\$77,085	28	2003	2018			\$56,154	\$70,078	80
Distribution Systems & Exhaust Systems	\$10.39	S.F.	5,478	110	\$62,616	30	2003	2033				\$56,924	
Terminal & Package Units	\$0.81	S.F.	5,478	110	\$4,906	15	2003	2018			\$56,154	\$4,460	1259
Controls & Instrumentation	\$1.59	S.F.	5,478	110	\$9,563	20	2003	2023				\$8,694	
Fire Protection			0			0	0						
Sprinklers	\$3.91	S.F.	0	110		30	0						
Electrical	\$17.73	S.F.	5,478	110	\$106,854	22	2003	2013				\$97,143	
Electrical Service/Distribution	\$1.34	S.F.	5,478	110	\$8,066	30	2003	2033				\$7,333	
Branch Wiring	\$5.96	S.F.	5,478	110	\$35,923	30	2003	2033				\$32,658	
Lighting	\$5.96	S.F.	5,478	110	\$35,923	20	2003	2023				\$32,658	
Communications and Security - Fire Alarm	\$2.46	S.F.	5,478	110	\$14,802	10	2003	2013				\$13,456	
Communications and Security - Public Address & Clock System	\$1.01	S.F.	5,478	110	\$6,070	20	2003	2023				\$5,519	
Communications and Security - Security & CCTV	\$1.01	S.F.	5,478	110	\$6,070	10	2003	2013				\$5,519	

Facility: \Elementary Schools\Murphey Candler Elementary\2003 Gym (continued)

Deficiency Sheet:

Deficiency:

Assembly: **D3050**
System: **Terminal & Package Units**
Material: **Packaged A/C, Elec. Ht., Const. Volume**
Distress: **Missing**
Category: **Capital Improvement**
Correction: **Install Package A/C - 20 ton**
Note: **Air conditioning is missing in the gymnasium and should be installed.**

Surveyor/Update: Chuck Gulley
Priority: 3
Quantity: 1

Thu, 26-May-2011



Estimates:

Raw Cost	\$40,691.00
Plus or (Minus) Additional Cost	\$15,462.58
Total Estimated Amount	\$56,153.58

DeKalb County School System

1701 Mountain Industrial Blvd
Stone Mountain, GA 30083

COMET4 Facility Report

Murphey Candler Elementary Facility Executive Summary Report

Report Date: 05 Jul 2011

Facility: \Elementary Schools\Murphey Candler Elementary\Covered Walkway
Address: 6775 S. Goddard Road, Lithonia, GA 30038

Attributes:
None

General Information:

Function:	Elementary School	Year Built:	2003
Gross Area:	2,000 S.F.	Last Renovation:	

Facility Description:

An engineered metal covered walkway connects the classrooms with the gymnasium and provides some weather protection for the students.

Current Repair Cost: \$0.00

Replacement Cost: \$55,282.80

FCI: 0.00%



30-Nov-2010
East Elevation



30-Nov-2010
Northeast Elevation



30-Nov-2010
North Elevation



30-Nov-2010
West Elevation

DeKalb County School System1701 Mountain Industrial Blvd
Stone Mountain, GA 30083

COMET4 Facility Report

Murphey Candler Elementary Facility Executive Summary Report

Report Date: 05 Jul 2011

Facility: \Elementary Schools\Murphey Candler Elementary\Covered Walkway (continued)**Building Condition:**

System	Unit Price\$	Unit of Meas	Qty	Renewal%	Renewal\$	Life	Installed	Calc Next Renewal	Next Renewal	RSL	Deficiency\$	Replacement Value	FCI%
Total	\$27.64	S.F.	2,000	100	\$55,283	25	2003	2028			0	\$55,283	
Special Construction	\$27.64	S.F.	2,000	100	\$55,283	25	2003	2028				\$55,283	
Special Construction	\$27.64	S.F.	2,000	100	\$55,283	25	2003	2028				\$55,283	
Special Structures - Covered Walkways Metal	\$27.64	S.F.	2,000	100	\$55,283	25	2003	2028				\$55,283	

DeKalb County School System

1701 Mountain Industrial Blvd
Stone Mountain, GA 30083

COMET4 Facility Report

Murphey Candler Elementary Facility Executive Summary Report

Report Date: 05 Jul 2011

Facility: \Elementary Schools\Murphey Candler Elementary**Covered Walkway** (continued)

Deficiency Sheet:

*** No Deficiencies Found ***

DeKalb County School System1701 Mountain Industrial Blvd
Stone Mountain, GA 30083

COMET4 Facility Report

Murphey Candler Elementary Facility Executive Summary ReportReport Date: 05 Jul 2011

Facility: \Elementary Schools\Murphey Candler Elementary\Site
Address: 6775 S. Goddard Road, Lithonia, GA 30038**Attributes:****Site Code** 1455**General Information:****Function:** Elementary School**Year Built:** 1969**Gross Area:** 73,818 S.F.**Last Renovation:****Facility Description:**

The Murphey Candler Elementary School site was originally constructed in 1969, has a total area of 13.8 acres, and is occupied by approximately 73,818 square feet of permanent building space. Campus site features include paved driveways and parking lots, pedestrian pavement, flag pole, landscaping, and fencing. Site mechanical and electrical features include water, sewer, natural gas, and site lighting. This report contains condition and adequacy data collected during the 2010/2011 Facility Condition Assessment (FCA). The detailed condition and deficiency statements are contained in this report for the site features.

Current Repair Cost: \$56,271.46**Replacement Cost:** \$1,737,439.50**FCI:** 3.24%

05-Nov-2010
Aerial Image of Murphey Candler
Elementary School

DeKalb County School System

1701 Mountain Industrial Blvd
Stone Mountain, GA 30083

COMET4 Facility Report

Murphey Candler Elementary Facility Executive Summary Report

Report Date: 05 Jul 2011

Facility: \Elementary Schools\Murphey Candler Elementary\Site (continued)

Building Condition:

System	Unit Price\$	Unit of Meas	Qty	Renewal%	Renewal\$	Life	Installed	Calc Next Renewal	Next Renewal	RSL	Deficiency\$	Replacement Value	FCI%
Total	\$23.54	S.F.	73,818	109	\$1,896,579	35	1978	2005	2015		\$56,271	\$1,737,440	3
Building Sitework	\$23.54	S.F.	73,818	109	\$1,896,579	35	1978	2005	2015		\$56,271	\$1,737,440	3
Site Improvements	\$11.87	S.F.	73,818	108	\$949,173	22	1983	2015				\$876,161	
Roadways	\$3.25	S.F.	73,818	110	\$263,964	25	1990	2015				\$239,968	
Parking Lots	\$1.47	S.F.	73,818	110	\$119,705	25	1990	2015				\$108,822	
Pedestrian Paving	\$1.65	S.F.	73,818	110	\$134,028	30	1990	2020				\$121,844	
Site Development	\$0.26	S.F.	73,818	110	\$21,485	10	1969					\$19,532	
Site Development 2	\$1.98	S.F.	73,818	100	\$146,027	30	1990	2020				\$146,027	
Fence & Guardrails	\$1.98	S.F.	73,818	100	\$146,027	30	1990	2020				\$146,027	
Landscaping	\$3.25	S.F.	73,818	110	\$263,964	10	1969					\$239,968	
Site Mechanical Utilities	\$10.46	S.F.	73,818	110	\$849,187	50	1970	2005	2015			\$771,989	
Water Supply	\$2.38	S.F.	73,818	110	\$193,369	50	1969	2019				\$175,790	
Sanitary Sewer	\$2.36	S.F.	73,818	110	\$191,323	50	1969	2019				\$173,930	
Storm Sewer	\$5.51	S.F.	73,818	110	\$447,102	50	1969	2019				\$406,457	
Fuel Distribution - Gas	\$0.21	S.F.	73,818	110	\$17,393	30	1975	2005	2015	5		\$15,812	
Site Electrical Utilities	\$1.21	S.F.	73,818	110	\$98,219	30	1975	2005	2015		\$56,271	\$89,290	63
Electrical Distribution	\$0.52	S.F.	73,818	110	\$41,948	30	1975	2005	2015	5		\$38,134	
Site Lighting	\$0.69	S.F.	73,818	110	\$56,271	30	1975	2005			\$56,271	\$51,156	110

DeKalb County School System

1701 Mountain Industrial Blvd
Stone Mountain, GA 30083

COMET4 Facility Report

Murphey Candler Elementary Facility Executive Summary Report

Report Date: 05 Jul 2011

Facility: \Elementary Schools\Murphey Candler Elementary\Site (continued)

Deficiency Sheet:

Deficiency:

Assembly: **G4020**
System: **Site Lighting**
Material: **System**
Distress: **Needs Remediation**
Category: **Deferred Maintenance**
Correction: **Renew System**
Note: **The site lighting is reported to be inoperative, assessed as inadequate, and should be replaced.**

Surveyor/Update: Chuck Gulley
Priority: 3
Quantity: 1

Wed, 02-Feb-2011



Estimates:

Raw Cost	\$44,659.89
Plus or (Minus) Additional Cost	\$11,611.57
Total Estimated Amount	\$56,271.46

Educational Adequacy Report

Suitability Report - Full

Project #: 4469

County: DeKalb

Site #: 4052

Project: Assessments 2010

Region: 1

Site: Murphey Candler ES

Grade Config: PK-5

Site Type: Elementary

Site Size: 0.00

Suitability	Rating	Score	Possible Score	Percent Score
Suitability - Elementary				
Site				
Traffic	Poor	0.66	2.00	33.00
Pedestrian Traffic	Poor	0.32	0.97	33.00
Parking	Fair	0.54	0.81	67.00
Playground	Poor	0.77	2.34	33.00
Safety and Security				
Fencing	Poor	0.25	0.75	33.00
Signage & Way Finding	Poor	0.33	1.00	33.00
Ease of Supervision	P/U	0.00	3.50	0.00
Limited Entrances	G/F	0.50	0.50	100.00
Interior Circulation	G/F	0.50	0.50	100.00
Sprinkler System	Poor	0.25	0.50	50.00
School Climate				
Learning Style Variety	G/F	5.00	5.00	100.00
School Environment	G/F	5.00	5.00	100.00
Landscaping	G/F	1.00	1.00	100.00
General Classrooms				
Size	Fair	11.02	16.45	67.00
Adjacencies	Fair	2.36	3.53	67.00
Storage\Fixed Equip.	Fair	2.36	3.53	67.00
Remedial - Special Needs				
Size	Good	3.50	3.50	100.00
Adjacencies	P/U	0.00	0.75	0.00
Storage\Fixed Equip.	G/F	0.75	0.75	100.00
Library				
Size	Fair	1.71	3.41	50.00
Adjacencies	G/F	0.73	0.73	100.00
Storage\Fixed Equip.	G/F	0.73	0.73	100.00
P.E.				
Size	Fair	3.36	6.72	50.00
Adjacencies	G/F	1.44	1.44	100.00
Storage\Fixed Equip.	G/F	1.44	1.44	100.00
Music				
Size	P/U	0.00	2.59	0.00
Adjacencies	P/U	0.00	0.56	0.00
Storage\Fixed Equip.	G/F	0.56	0.56	100.00

Project #: 4469

County: DeKalb

Site #: 4052

Project: Assessments 2010

Region: 1

Site: Murphey Candler ES

Grade Config: PK-5

Site Type: Elementary

Site Size: 0.00

Suitability	Rating	Score	Possible Score	Percent Score
Art				
Size	P/U	0.00	1.64	0.00
Adjacencies	P/U	0.00	0.35	0.00
Storage\Fixed Equip.	P/U	0.00	0.35	0.00
Performing Arts\Auditorium				
Size	Good	2.12	2.12	100.00
Adjacencies	Good	0.45	0.45	100.00
Storage\Fixed Equip.	Fair	0.23	0.45	50.00
Computer Labs				
Size	P/U	0.00	1.19	0.00
Adjacencies	G/F	0.26	0.26	100.00
Storage\Fixed Equip.	P/U	0.00	0.26	0.00
Kindergarten				
Size	Good	2.86	2.86	100.00
Adjacencies	P/U	0.00	0.61	0.00
Storage\Fixed Equip.	G/F	0.61	0.61	100.00
Administration				
Size	P/U	0.00	2.49	0.00
Adjacencies	G/F	0.53	0.53	100.00
Storage\Fixed Equip.	P/U	0.00	0.53	0.00
Restrooms (Student)	P/U	0.00	0.89	0.00
Teacher Lounge and Work Room(s)	Fair	0.63	1.27	50.00
Cafeteria	Good	5.00	5.00	100.00
Food Prep	Poor	2.05	6.20	33.00
Counseling	Good	0.29	0.29	100.00
Clinic	P/U	0.00	0.58	0.00
Custodial & Maintenance	P/U	0.00	0.50	0.00
Total For Site:		60.11	100.00	60.11

Comments

Suitability - Elementary

Murphey Candler Elementary School was built in 1964, has had a new wing added since, and a major remodel in 2008. The school has a traditional education program for grades pre-k through five.

Suitability - Elementary->Site-->Traffic

The bus routing is good, but the parent drop off is two-way in the middle of the staff parking lot. The area has major conflicts with parking and other cars.

Suitability - Elementary->Site-->Pedestrian Traffic

Major pedestrian routes are generally good, except for during parent drop off. The site lacks many needed sidewalks to the portable, play structures, and around the buildings.

Suitability - Elementary->Site-->Parking

The parking is adequate, but some visitor parking is on street and the parking lots lack adequate lighting.

Suitability - Elementary->Site-->Playground

The two play structures lack adequate access, including sidewalks, ramps, and appropriate under-surfaces, are small for the number of children and not age-appropriate for the smaller children. The site also lacks blacktopped areas for play.

Suitability	Rating	Score	Possible Score	Percent Score
Suitability - Elementary->Safety and Security-->Fencing The school lacks adequate fencing around the play fields and side wooded areas. Some of the existing fencing is down.				
Suitability - Elementary->Safety and Security-->Signage & Way Finding Some rooms are marked, but most with just the teacher name, and the site lacks way finding signage.				
Suitability - Elementary->Safety and Security-->Ease of Supervision The pod design of the school provides many hiding areas. The facility has 16 cameras, but not enough to cover all areas.				
Suitability - Elementary->Safety and Security-->Sprinkler System The newer section of the school, about 20 percent of it, has a fire suppression system.				
Suitability - Elementary->School Climate-->Landscaping Some of the grass is sparse, but okay overall.				
Suitability - Elementary->General Classrooms-->Size A handful of the classes are below the DCSS standard of 750 square feet.				
Suitability - Elementary->General Classrooms-->Adjacencies Some of the classes are adjacent to the strings classroom without adequate acoustic separation.				
Suitability - Elementary->General Classrooms-->Storage\Fixed Equip. Some of the classes lack adequate storage.				
Suitability - Elementary->Remedial - Special Needs-->Size The Discovery class is small for the program, but the rest of the spaces are generous.				
Suitability - Elementary->Remedial - Special Needs-->Adjacencies One of the largest special education rooms is adjacent to the music room without adequate acoustic separation.				
Suitability - Elementary->Library-->Size The library, at about 2,300 square feet, is well below the DCSS standard of 4,500.				
Suitability - Elementary->P.E.-->Size The gym, at less than 5,000 square feet, is less than the DCSS standard of 5,200. The heating and cooling in the space is inadequate.				
Suitability - Elementary->Music-->Size All of the music spaces (choral, strings, and band) are below the DCSS size guideline and the band room is in a trailer.				
Suitability - Elementary->Music-->Adjacencies The strings class is in the middle of other regular classes and the choral/music room is next to a special education class. There is inadequate acoustic separation.				
Suitability - Elementary->Art-->Size The school lacks an adequate room.				
Suitability - Elementary->Art-->Adjacencies The school lacks an adequate room.				
Suitability - Elementary->Art-->Storage\Fixed Equip. The school lacks an adequate room.				
Suitability - Elementary->Performing Arts\Auditorium-->Storage\Fixed Equip. The stage lacks storage and the lights do not work.				
Suitability - Elementary->Computer Labs-->Size The computer lab at 744 square feet is below the DCSS standard of 1,000.				

Project #: 4469

County: DeKalb

Site #: 4052

Project: Assessments 2010

Region: 1

Site: Murphey Candler ES

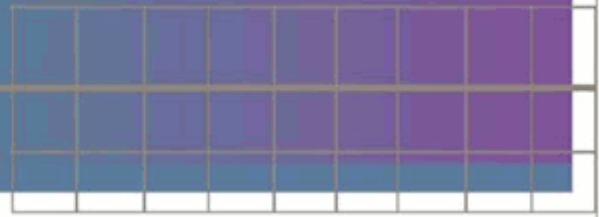
Grade Config: PK-5

Site Type: Elementary

Site Size: 0.00

Suitability	Rating	Score	Possible Score	Percent Score
Suitability - Elementary->Computer Labs-->Storage\Fixed Equip. The computer lab lacks storage and the heating/cooling is poor.				
Suitability - Elementary->Kindergarten-->Adjacencies The kindergarten spaces are not near the parent drop off area or the play structures.				
Suitability - Elementary->Administration-->Size The waiting area and office spaces are inadequate. The assistant principal uses a classroom as an office.				
Suitability - Elementary->Administration-->Storage\Fixed Equip. The main office lacks adequate storage.				
Suitability - Elementary->Restrooms (Student) Many of the restrooms lacked soap dispensers and privacy partitions. Some have floors that are not easily washable and lack working floor drains. Most lack adequate ventilation.				
Suitability - Elementary->Teacher Lounge and Work Room(s) Storage and ventilation are limited and the spaces are small.				
Suitability - Elementary->Food Prep The food prep area is small and lacks a working freezer. The delivery area is poorly lit. Dry storage lacks adequate shelving and the floor surface throughout is difficult to wash and maintain.				
Suitability - Elementary->Clinic The nurse station is located across the school from the main office, and near a very noisy transformer. The size is also inadequate.				
Suitability - Elementary->Custodial & Maintenance The storage spaces are small and lack adequate ventilation.				

Technology Readiness Report



Technology Readiness Report - Full

Project #: 4469	County: DeKalb	Site #: 4052
Project: Assessments 2010	Region: 1	Site: Murphey Candler ES

Technology Readiness	Rating	Score	Possible Score	Percent Score
Technology Readiness				
MDFIT Equipment Environment	Good	15.00	15.00	100.00
Electrical Power	Unsat	0.00	10.00	0.00
Cooling	Unsat	0.00	10.00	0.00
Drops	Poor	3.30	10.00	33.00
Wireless	Unsat	0.00	5.00	0.00
WAN Backbone	Good	10.00	10.00	100.00
LAN-WAN Performance	Fair	6.70	10.00	67.00
Video Distribution	Unsat	0.00	5.00	0.00
Voice Distribution	Good	5.00	5.00	100.00
Faculty & Staff Technology	Fair	6.70	10.00	67.00
Emergency Alert	Good	5.00	5.00	100.00
Projectors	Unsat	0.00	5.00	0.00
Total For Site:		51.70	100.00	51.70

Comments

Technology Readiness->Electrical Power

Many of the classes have adequate outlets in number, but some of the outlets do not work, necessitating power strips. The issue is most prevalent in the original parts of the building.

Technology Readiness->Cooling

Heating and cooling is a significant issue throughout the facility.

Technology Readiness->Drops

Most classrooms only have one drop and classes have between 0-2 computers for the students.

Technology Readiness->Wireless

The wireless is not available except in a few small spaces.

Technology Readiness->LAN-WAN Performance

Internet works most of the time, but not always.

Technology Readiness->Video Distribution

Most classes do not have mounted TVs.

Technology Readiness->Faculty & Staff Technology

Some of the drops for the staff stations are in inconvenient locations that interfere with the learning spaces.

Technology Readiness->Emergency Alert

The facility has a system, but it does not work in the halls or outside.

Technology Readiness->Projectors

About 70 percent of the facility has smartboards, but many are wall mounted.