

Facility Condition Assessment Report

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

COMET4 Facility Report

Fernbank Science Center Facility Executive Summary ReportReport Date: 24 Jun 2011

Facility: \P-12 Schools\Fernbank Science Center
Address: 156 Heaton Park Drive N.E., Atlanta, GA 30307**Attributes:****Facility Code** 1600
Super Cluster 0**General Information:****Function:** P-12
Gross Area: 38,740 S.F.
Year Built:
Last Renovation:**Facility Description:**

The Fernbank Science Center campus consists of one main school building and one annex building located at 156 Heaton Park Drive NE in Atlanta, GA. The original campus was constructed in 1967 and the annex building was constructed in 1986. In addition to these buildings, the campus contains a storage building and security shed. 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 and other facilities on the campus.

Current Repair Cost: \$1,641,198.40**Replacement Cost:** \$7,881,831.12**FCI:** 20.82%

07-Mar-2011
Fernbank Science Center

DeKalb County School System

1701 Mountain Industrial Blvd
 Stone Mountain, GA 30083

COMET4 FCI Report

Fernbank Science Center Weighted FCI Report

Report Date: 24 Jun 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
Fernbank Science Center\Site		\$23.70	38,740	\$311,423	\$918,161	33.92%	\$0	\$0	\$311,423	\$0	\$0
Fernbank Science Center\1967 Building		\$183.31	34,900	\$1,284,192	\$6,397,402	20.07%	\$0	\$0	\$1,284,192	\$0	\$0
Fernbank Science Center\1986 Classroom Annex		\$143.91	3,840	\$45,584	\$552,601	8.25%	\$0	\$0	\$45,584	\$0	\$0
Fernbank Science Center\Security Shed		\$91.04	64	\$0	\$5,826	0.00%	\$0	\$0	\$0	\$0	\$0
Fernbank Science Center\1984 Storage		\$78.41	100	\$0	\$7,841	0.00%	\$0	\$0	\$0	\$0	\$0

DeKalb County School System

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COMET4 Survey Report
Fernbank Science Center Detailed Facility Needs Assessment Report

Report Date: 24 Jun 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								\$1,210,766	\$430,432	\$1,641,198			
P-12 Schools								\$1,210,766	\$430,432	\$1,641,198			
Fernbank Science Center								\$1,210,766	\$430,432	\$1,641,198			
1967 Building								\$930,574	\$353,618	\$1,284,192			
Building Systems								\$930,574	\$353,618	\$1,284,192			
C3030	Ceiling Finishes	System		Beyond Service Life	Renew System	1	Ea.	\$249,919	\$94,969	\$344,888	Necessary	Deferred Maintenance	The ceiling finishes are aged and should be replaced.
D3030	Cooling Generating Systems	System		Beyond Service Life	Renew System	1	Ea.	\$117,473	\$44,640	\$162,113	Necessary	Deferred Maintenance	The chiller is aged, worn, and leaking, and should be replaced.
D3040	Distribution Systems & Exhaust Systems	System		Beyond Service Life	Renew System	1	Ea.	\$138,588	\$52,663	\$191,251	Necessary	Deferred Maintenance	The original air handling units and exhaust system are operable, but aged, becoming logistically unsupportable, and should be replaced.
D5020	Lighting	System		Beyond Service Life	Renew System	1	Ea.	\$223,430	\$84,903	\$308,333	Necessary	Deferred Maintenance	The original lighting system is aged and inefficient and should be replaced with energy efficient fixtures.
E2010	Fixed Furnishings	System		Beyond Service Life	Renew System	1	Ea.	\$201,164	\$76,442	\$277,606	Necessary	Deferred Maintenance	Fixed furnishings, such as the base/wall cabinets, counter tops, window shades, and fixed seating, are worn, beyond their service life, and should be replaced.
1986 Classroom Annex								\$33,032	\$12,552	\$45,584			
Building Systems								\$33,032	\$12,552	\$45,584			
C3010	Wall Finishes - Paint	System		Beyond Service Life	Renew System	1	Ea.	\$5,533	\$2,103	\$7,636	Necessary	Deferred Maintenance	The painted interior wall finishes are scuffed and stained and should be repainted.
C3030	Ceiling Finishes	System		Beyond Service Life	Renew System	1	Ea.	\$27,498	\$10,449	\$37,948	Necessary	Deferred Maintenance	The ceiling tile and grid system is damaged and worn and should be replaced.
Site								\$247,161	\$64,262	\$311,423			
Building Systems								\$247,161	\$64,262	\$311,423			
G2020	Parking Lots	System		Beyond Service Life	Renew System	1	Ea.	\$215,201	\$55,952	\$271,153	Necessary	Deferred Maintenance	The parking lots are cracked and damaged and should be resurfaced and restriped.
G2030	Pedestrian Paving	System		Beyond Service Life	Renew System	1	Ea.	\$31,961	\$8,310	\$40,270	Necessary	Deferred Maintenance	The pedestrian paving is broken, heaved, and damaged, and should be replaced.

DeKalb County School System

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COMET4 Facility Report

Fernbank Science Center Facility Executive Summary Report

Report Date: 24 Jun 2011

Facility: \P-12 Schools\Fernbank Science Center\1967 Building

Address: 156 Heaton Park Drive N.E., Atlanta, GA 30307

Attributes:

Building Codes 1010
Fire Sprinkler System No

General Information:

Function: P-12
Gross Area: 34,900 S.F.
Year Built: 1967
Last Renovation:

Facility Description:

The Fernbank Science Center main building is a one-story building located at 156 Heaton Park Drive N.E. in Atlanta, Georgia. Originally built in 1967, there have been no additions and a variety of renovations since 2000. 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 aged water chiller and air handler units with energy efficient models; 2) Replacing the existing lighting system with energy efficient fixtures; and 3) Replacing the building controls and automation system.

Current Repair Cost: \$1,284,191.57

Replacement Cost: \$6,397,401.67

FCI: 20.07%



07-Mar-2011
East Elevation



07-Mar-2011
West Elevation



07-Mar-2011
North Elevation



07-Mar-2011
South Elevation

DeKalb County School System

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COMET4 Facility Report
Fernbank Science Center Facility Executive Summary Report

Report Date: 24 Jun 2011

Facility: \P-12 Schools\Fernbank Science Center\1967 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	\$183.31	S.F.	34,900	107	\$6,847,383	49	1979	1987	2014		\$1,284,191	\$6,397,404	20
Substructure	\$12.61	S.F.	34,900	100	\$440,200	100	1967					\$440,200	
Foundations	\$10.92	S.F.	34,900	100	\$380,961	100	1967					\$380,961	
Standard Foundations	\$3.49	S.F.	34,900	100	\$121,850	100	1967					\$121,850	
Special Foundations	\$4.06	S.F.	34,900	100	\$141,596	100	1967					\$141,596	
Slab on Grade	\$3.37	S.F.	34,900	100	\$117,515	100	1967					\$117,515	
Basement Construction	\$1.70	S.F.	34,900	100	\$59,239	100	1967					\$59,239	
Basement Excavation	\$0.11	S.F.	34,900	100	\$3,853	100	1967					\$3,853	
Basement Walls	\$1.59	S.F.	34,900	100	\$55,386	100	1967					\$55,386	
Shell	\$39.96	S.F.	34,900	104	\$1,450,418	84	1972	1997	2020			\$1,394,483	
Superstructure	\$9.77	S.F.	34,900	100	\$340,987	100	1967					\$340,987	
Floor Construction	\$14.14	S.F.	0	100		100	1967						
Roof Construction	\$9.77	S.F.	34,900	100	\$340,987	100	1967					\$340,987	
Exterior Enclosure	\$15.68	S.F.	34,900	101	\$552,365	93	1967	1997	2020			\$547,072	
Exterior Walls	\$14.16	S.F.	34,900	100	\$494,142	100	1967					\$494,142	
Exterior Windows	\$10.42	S.F.	3,000	110	\$34,383	30	1967	1997	2020	10		\$31,257	
Exterior Doors	\$0.62	S.F.	34,900	110	\$23,840	30	1967	1997	2020	10		\$21,673	
Roofing	\$14.51	S.F.	34,900	110	\$557,066	65	1988	2034				\$506,424	
Roof Coverings - Asphalt Shingles	\$3.70	S.F.	0	110		10	1967						
Roof Coverings - BUR	\$5.55	S.F.	17,450	110	\$106,486	25	2009	2034				\$96,806	
Roof Coverings - EPDM	\$2.84	S.F.	0	110		15	1967						
Roof Coverings - Preformed Metal	\$0.07	S.F.	0	110		30	1967						
Roof Coverings - Standing Seam Metal	\$23.47	S.F.	17,450	110	\$450,580	75	1967	2042				\$409,618	
Roof Openings	\$0.07	S.F.	0	110		30	1967						
Interiors	\$50.38	S.F.	34,900	106	\$1,871,845	53	1982	1987	2014		\$344,888	\$1,758,246	20
Interior Construction	\$28.75	S.F.	34,900	104	\$1,048,053	73	1980	1997	2020			\$1,003,215	
Partitions	\$17.77	S.F.	34,900	110	\$682,359	100	1967					\$620,327	
Interior Doors	\$5.30	S.F.	34,900	80	\$147,954	30	1967	1997	2020	10		\$184,942	
Fittings	\$5.67	S.F.	34,900	110	\$217,740	20	2006	2026				\$197,946	
Stairs	\$1.93	S.F.	34,900	100	\$67,427	100	1967					\$67,427	
Stair Construction	\$1.93	S.F.	34,900	100	\$67,427	100	1967					\$67,427	
Interior Finishes	\$19.70	S.F.	34,900	110	\$756,365	19	1990	1987	2014		\$344,888	\$687,604	50
Wall Finishes - Ceramic & Glazed	\$9.58	S.F.	3,490	110	\$36,767	30	1967	1997	2015	5		\$33,424	
Wall Finishes - Paint	\$1.81	S.F.	30,363	110	\$60,379	10	2003	2013				\$54,890	
Wall Finishes - Wood Paneling	\$1.99	S.F.	1,047	110	\$2,289	30	1985	2015				\$2,081	
Floor Finishes - Carpet	\$7.87	S.F.	6,980	110	\$60,395	8	2003	2011	2014	4		\$54,905	
Floor Finishes - Stained Concrete	\$4.02	S.F.	3,490	110	\$15,417	50	2003	2053				\$14,015	
Floor Finishes - Terrazzo	\$48.99	S.F.	0	110		50	1967						
Floor Finishes - VCT	\$8.79	S.F.	24,430	110	\$236,230	20	2003	2023				\$214,754	
Floor Finishes - Wood	\$13.58	S.F.	0	110		20	1967						
Ceiling Finishes	\$8.98	S.F.	34,900	110	\$344,888	20	1967	1987			\$344,888	\$313,535	110
Services	\$65.05	S.F.	34,900	110	\$2,497,392	25	1984	1997	2020		\$661,697	\$2,270,358	29
Conveying	\$0.84	S.F.	34,900	110	\$32,317	30	2000	2030				\$29,379	
Elevators and Lifts	\$0.84	S.F.	34,900	110	\$32,317	30	2000	2030				\$29,379	
Plumbing	\$25.88	S.F.	34,900	110	\$993,342	24	1976	1997	2020			\$903,038	
Plumbing Fixtures	\$16.10	S.F.	34,900	110	\$618,256	20	2006	2026				\$562,051	
Domestic Water Distribution	\$3.42	S.F.	34,900	110	\$131,386	30	1967	1997	2020	10		\$119,442	
Sanitary Waste	\$4.31	S.F.	34,900	110	\$165,292	30	1967	1997	2020	10		\$150,265	
Rain Water Drainage	\$0.84	S.F.	34,900	110	\$32,317	30	1985	2015				\$29,379	
Other Plumbing Systems - Acid Waste	\$0.50	S.F.	34,900	110	\$19,072	30	1967	1997	2020	10		\$17,338	
Other Plumbing Systems - Natural Gas	\$0.70	S.F.	34,900	110	\$27,019	30	1967	1997	2020	10		\$24,563	
HVAC	\$16.22	S.F.	34,900	110	\$622,493	28	1986	1997			\$353,364	\$565,904	62
Heat Generating Systems	\$4.15	S.F.	34,900	110	\$159,464	30	2006	2036				\$144,968	
Cooling Generating Systems	\$4.22	S.F.	34,900	110	\$162,113	30	1967	1997			\$162,113	\$147,376	110
Distribution Systems & Exhaust Systems	\$4.98	S.F.	34,900	110	\$191,251	30	1967	1997			\$191,251	\$173,865	110
Terminal & Package Units	\$17.29	S.F.	0	110		15	1967						
Controls & Instrumentation	\$2.86	S.F.	34,900	110	\$109,665	20	2003	2023				\$99,695	
Other HVAC Systems/Equip - Kitchen Hood	\$0.70	S.F.	0	110		30	1967						
Fire Protection			0			0	0						

DeKalb County School System

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COMET4 Facility Report

Fernbank Science Center Facility Executive Summary Report

Report Date: 24 Jun 2011

System	Unit Price\$	Unit of Meas	Qty	Renewal%	Renewal\$	Life	Installed	Calc Next Renewal	Next Renewal	RSL	Deficiency\$	Replacement Value	FCI%
Sprinklers	\$3.70	S.F.	0	110		30	1967						
Standpipes	\$0.40	S.F.	0	110		30	1967						
Electrical	\$22.12	S.F.	34,900	110	\$849,240	24	1988	1997	2020		\$308,333	\$772,037	40
Electrical Service/Distribution	\$1.85	S.F.	34,900	110	\$70,991	30	1967	1997	2020	10		\$64,537	
Branch Wiring	\$5.35	S.F.	34,900	110	\$205,555	30	1967	1997	2020	10		\$186,869	
Lighting	\$8.03	S.F.	34,900	110	\$308,333	30	1967	1997			\$308,333	\$280,303	110
Communications and Security - Fire Alarm	\$0.76	S.F.	34,900	110	\$29,138	10	2003	2013				\$26,489	
Communications and Security - PA & Clock Systems	\$4.71	S.F.	34,900	110	\$180,656	10	2003	2013				\$164,232	
Communications and Security - Security & CCTV	\$1.13	S.F.	34,900	110	\$43,442	10	2003	2013				\$39,493	
Other Electrical Systems - Emergency Generator	\$0.29	S.F.	34,900	110	\$11,125	20	2006	2026				\$10,114	
Equipment & Furnishings	\$15.30	S.F.	34,900	110	\$587,528	20	1967	1987	2015		\$277,606	\$534,117	52
Equipment	\$8.07	S.F.	34,900	110	\$309,922	20	1967	1987	2015			\$281,748	
Institutional Equipment - Planitarium Eq	\$8.07	S.F.	34,900	110	\$309,922	20	1967	1987	2015	5		\$281,748	
Other Equipment (Kitchen Equipment)	\$5.02	S.F.	0	110		20	1967						
Other Equipment (Sports Equipment)	\$1.37	S.F.	0	100		15	1967						
Furnishings	\$7.23	S.F.	34,900	110	\$277,606	20	1967	1987			\$277,606	\$252,369	110
Fixed Furnishings	\$7.23	S.F.	34,900	110	\$277,606	20	1967	1987			\$277,606	\$252,369	110
Special Construction			0			0	0						
Special Construction			0			0	0						
Special Structures - Canopies	\$1.93	S.F.	0	110		20	1967						

Facility: \P-12 Schools\Fernbank Science Center\1967 Building (continued)

Deficiency Sheet:

Deficiency:

Assembly: **C3030**
System: **Ceiling Finishes**
Material: **System**
Distress: **Beyond Service Life**
Category: **Deferred Maintenance**
Correction: **Renew System**
Note: **The ceiling finishes are aged and should be replaced.**

Surveyor/Update: Walter Williams
Priority: 3
Quantity: 1

Tue, 15-Mar-2011



Estimates:

Raw Cost	\$249,918.90
Plus or (Minus) Additional Cost	\$94,969.18
Total Estimated Amount	\$344,888.08

Deficiency:

Assembly: **D3030**
System: **Cooling Generating Systems**
Material: **System**
Distress: **Beyond Service Life**
Category: **Deferred Maintenance**
Correction: **Renew System**
Note: **The chiller is aged, worn, and leaking, and should be replaced.**

Surveyor/Update: Walter Williams
Priority: 3
Quantity: 1

Tue, 12-Apr-2011



Estimates:

Raw Cost	\$117,473.40
Plus or (Minus) Additional Cost	\$44,639.89
Total Estimated Amount	\$162,113.29

DeKalb County School System

1701 Mountain Industrial Blvd
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COMET4 Facility Report

Fernbank Science Center Facility Executive Summary Report

Report Date: 24 Jun 2011

Facility: \P-12 Schools\Fernbank Science Center\1967 Building (continued)

Deficiency:

Assembly: **D3040**
System: **Distribution Systems & Exhaust Systems**
Material: **System**
Distress: **Beyond Service Life**
Category: **Deferred Maintenance**
Correction: **Renew System**

Surveyor/Update: Walter Williams
Priority: 3
Quantity: 1

Tue, 12-Apr-2011

Note: **The original air handling units and exhaust system are operable, but aged, becoming logistically unsupportable, and should be replaced.**



Estimates:

Raw Cost	\$138,587.90
Plus or (Minus) Additional Cost	\$52,663.40
Total Estimated Amount	\$191,251.30

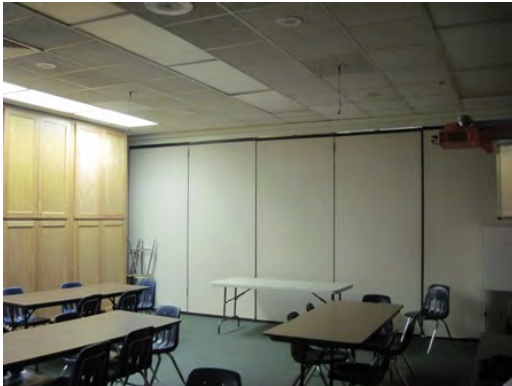
Deficiency:

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

Surveyor/Update: Walter Williams
Priority: 3
Quantity: 1

Tue, 12-Apr-2011

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



Estimates:

Raw Cost	\$223,429.80
Plus or (Minus) Additional Cost	\$84,903.32
Total Estimated Amount	\$308,333.12

DeKalb County School System

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COMET4 Facility Report

Fernbank Science Center Facility Executive Summary Report

Report Date: 24 Jun 2011

Facility: \P-12 Schools\Fernbank Science Center\1967 Building (continued)

Deficiency:

Assembly: **E2010**
System: **Fixed Furnishings**
Material: **System**
Distress: **Beyond Service Life**
Category: **Deferred Maintenance**
Correction: **Renew System**

Surveyor/Update: Walter Williams
Priority: 3
Quantity: 1

Tue, 12-Apr-2011

Note: **Fixed furnishings, such as the base/wall cabinets, counter tops, window shades, and fixed seating, are worn, beyond their service life, and should be replaced.**



Estimates:

Raw Cost	\$201,163.60
Plus or (Minus) Additional Cost	\$76,442.17
Total Estimated Amount	\$277,605.77

Facility: \P-12 Schools\Fernbank Science Center\1984 Storage
Address: 156 Heaton Park Drive N.E., Atlanta, GA 30307

Attributes:
Fire Sprinkler System No

General Information:
Function: Storage Shed **Year Built:** 1984
Gross Area: 100 S.F. **Last Renovation:**

Facility Description:

The 1984 Storage Shed at Fernbank Science Center is located at 156 Heaton Park Drive NE in Atlanta, 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

Current Repair Cost: \$0.00 **Replacement Cost:** \$7,841.16 **FCI:** 0.00%



07-Mar-2011
West Elevation



07-Mar-2011
East Elevation



07-Mar-2011
South Elevation



07-Mar-2011
North Elevation

DeKalb County School System

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COMET4 Facility Report

Fernbank Science Center Facility Executive Summary Report

Report Date: 24 Jun 2011

Facility: \P-12 Schools\Fernbank Science Center\1984 Storage (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	\$78.42	S.F.	100	103	\$8,107	72	1984	2004	2014		0	\$7,842	
Substructure	\$3.41	S.F.	100	100	\$341	100	1984					\$341	
Foundations	\$3.41	S.F.	100	100	\$341	100	1984					\$341	
Standard Foundations	\$4.49	S.F.	0	100		100	1984						
Slab on Grade	\$3.41	S.F.	100	100	\$341	100	1984					\$341	
Basement Construction			0			0	0						
Basement Excavation	\$0.21	S.F.	0	100		100	1984						
Basement Walls	\$3.41	S.F.	0	100		100	1984						
Shell	\$72.22	S.F.	100	103	\$7,459	73	1984	2004	2014			\$7,222	
Superstructure	\$13.57	S.F.	100	100	\$1,357	100	1984					\$1,357	
Roof Construction	\$13.57	S.F.	100	100	\$1,357	100	1984					\$1,357	
Exterior Enclosure	\$44.28	S.F.	100	102	\$4,522	84	1984	2014				\$4,428	
Exterior Walls	\$34.87	S.F.	100	100	\$3,487	100	1984					\$3,487	
Exterior Windows	\$4.54	S.F.	100	110	\$499	30	1984	2014				\$454	
Exterior Doors	\$4.87	S.F.	100	110	\$536	30	1984	2014				\$487	
Roofing	\$14.37	S.F.	100	110	\$1,580	20	1984	2004	2014			\$1,437	
Roof Coverings	\$14.37	S.F.	100	110	\$1,580	20	1984	2004	2014	4		\$1,437	
Interiors	\$2.79	S.F.	100	110	\$307	20	1984	2004				\$279	
Interior Construction	\$2.79	S.F.	100	110	\$307	20	1984	2004				\$279	
Partitions	\$11.92	S.F.	0	110		40	1984						
Interior Doors	\$2.26	S.F.	0	80		30	1984						
Fittings	\$2.79	S.F.	100	110	\$307	20	1984	2004				\$279	
Interior Finishes			0			0	0						
Wall Finishes	\$1.50	S.F.	0	110		20	1984						
Floor Finishes	\$6.07	S.F.	0	110		20	1984						
Ceiling Finishes	\$5.44	S.F.	0	110		20	1984						
Services			0			0	0						
Plumbing			0			0	0						
Rain Water Drainage	\$1.38	S.F.	0	110		30	1984						
Electrical			0			0	0						
Electrical Service/Distribution	\$3.30	S.F.	0	110		30	1984						
Lighting and Branch Wiring	\$12.12	S.F.	0	110		30	1984						

DeKalb County School System

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COMET4 Facility Report

Fernbank Science Center Facility Executive Summary Report

Report Date: 24 Jun 2011

Facility: \P-12 Schools\Fernbank Science Center\1984 Storage (continued)

Deficiency Sheet:

*** No Deficiencies Found ***

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COMET4 Facility Report

Fernbank Science Center Facility Executive Summary Report

Report Date: 24 Jun 2011

Facility: \P-12 Schools\Fernbank Science Center\1986 Classroom Annex**Address:** 156 Heaton Park Drive N.E., Atlanta, GA 30307**Attributes:****Fire Sprinkler System** No**General Information:****Function:** P-12**Year Built:** 1986**Gross Area:** 3,840 S.F.**Last Renovation:****Facility Description:**

The 1986 Classroom Annex Building at Fernbank Science Center is a one-story building located at 157 Heaton Park Drive NE in Atlanta, Georgia. There have been no additions or 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.

Energy conservation opportunities for this building include: 1) Replacing the exterior doors and windows with modern units on next renewal; 2) Replacing the HVAC package units with modern energy efficient units on next renewal; and 3) Installing a building automation system that controls both HVAC and lighting systems.

Current Repair Cost: \$45,583.72**Replacement Cost:** \$552,600.58**FCI:** 8.25%07-Mar-2011
North Elevation07-Mar-2011
East Elevation07-Mar-2011
West Elevation07-Mar-2011
South Elevation

DeKalb County School System

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COMET4 Facility Report Fernbank Science Center Facility Executive Summary Report

Report Date: 24 Jun 2011

Facility: \P-12 Schools\Fernbank Science Center\1986 Classroom Annex (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	\$143.91	S.F.	3,840	107	\$589,933	47	1989	1995	2015		\$45,584	\$552,602	8
Substructure	\$6.86	S.F.	3,840	100	\$26,337	100	1986					\$26,337	
Foundations	\$6.86	S.F.	3,840	100	\$26,337	100	1986					\$26,337	
Standard Foundations	\$3.49	S.F.	3,840	100	\$13,407	100	1986					\$13,407	
Special Foundations	\$4.06	S.F.	0	100		100	1986						
Slab on Grade	\$3.37	S.F.	3,840	100	\$12,930	100	1986					\$12,930	
Basement Construction			0			0	0						
Basement Excavation	\$0.11	S.F.	0	100		100	1986						
Basement Walls	\$1.59	S.F.	0	100		100	1986						
Shell	\$38.67	S.F.	3,840	104	\$154,143	70	1986	1996	2015			\$148,484	
Superstructure	\$9.77	S.F.	3,840	100	\$37,518	100	1986					\$37,518	
Floor Construction	\$14.14	S.F.	0	100		100	1986						
Roof Construction	\$9.77	S.F.	3,840	100	\$37,518	100	1986					\$37,518	
Exterior Enclosure	\$25.20	S.F.	3,840	104	\$101,003	68	1986	2016				\$96,764	
Exterior Walls	\$14.16	S.F.	3,840	100	\$54,370	100	1986					\$54,370	
Exterior Windows	\$10.42	S.F.	3,840	110	\$44,010	30	1986	2016				\$40,009	
Exterior Doors	\$0.62	S.F.	3,840	110	\$2,623	30	1986	2016				\$2,385	
Roofing	\$3.70	S.F.	3,840	110	\$15,622	10	1986	1996	2015			\$14,202	
Roof Coverings - Asphal Shingles	\$3.70	S.F.	3,840	110	\$15,622	10	1986	1996	2015	5		\$14,202	
Roof Coverings - BUR	\$5.55	S.F.	0	110		25	1986						
Roof Coverings - EPDM	\$2.84	S.F.	0	110		15	1986						
Roof Coverings - Preformed Metal	\$0.07	S.F.	0	110		30	1986						
Roof Coverings - Standing Seam Metal	\$23.47	S.F.	0	110		75	1986						
Roof Openings	\$0.07	S.F.	0	110		30	1986						
Interiors	\$48.33	S.F.	3,840	107	\$198,031	51	1988	1995	2015		\$45,584	\$185,579	25
Interior Construction	\$28.75	S.F.	3,840	104	\$115,316	73	1986	2006	2015			\$110,383	
Partitions	\$17.77	S.F.	3,840	110	\$75,079	100	1986					\$68,254	
Interior Doors	\$5.30	S.F.	3,840	80	\$16,279	30	1986	2016				\$20,349	
Fittings	\$5.67	S.F.	3,840	110	\$23,958	20	1986	2006	2015	5		\$21,780	
Stairs			0			0	0						
Stair Construction	\$1.93	S.F.	0	100		100	1986						
Interior Finishes	\$19.58	S.F.	3,840	110	\$82,715	19	1991	1995			\$45,584	\$75,196	61
Wall Finishes - Ceramic & Glazed	\$9.58	S.F.	0	110		30	1986						
Wall Finishes - Paint	\$1.81	S.F.	3,840	110	\$7,636	10	1985	1995			\$7,636	\$6,942	110
Wall Finishes - Wall Coverings	\$1.99	S.F.	0	110		10	1986						
Floor Finishes - Carpet	\$7.87	S.F.	0	110		8	1986						
Floor Finishes - Ceramic & Quarry Tile	\$13.40	S.F.	0	110		50	1986						
Floor Finishes - Terrazzo	\$48.99	S.F.	0	110		50	1986						
Floor Finishes - VCT	\$8.79	S.F.	3,840	110	\$37,131	20	2003	2023				\$33,756	
Floor Finishes - Wood	\$13.58	S.F.	0	110		20	1986						
Ceiling Finishes	\$8.98	S.F.	3,840	110	\$37,948	20	1985	2005			\$37,948	\$34,498	110
Services	\$42.82	S.F.	3,840	110	\$180,877	20	1992	2001	2015			\$164,434	
Conveying	\$0.84	S.F.	3,840	110	\$3,556	30	1986	2016				\$3,233	
Elevators and Lifts	\$0.84	S.F.	3,840	110	\$3,556	30	1986	2016				\$3,233	
Plumbing			0			0	0						
Plumbing Fixtures	\$16.10	S.F.	0	110		20	1986						
Domestic Water Distribution	\$3.42	S.F.	0	110		30	1986						
Sanitary Waste	\$4.31	S.F.	0	110		30	1986						
Rain Water Drainage	\$0.84	S.F.	0	110		30	1986						
Other Plumbing Systems - Acid Waste	\$0.50	S.F.	0	110		30	1986						
Other Plumbing Systems - Natural Gas	\$0.70	S.F.	0	110		30	1986						
HVAC	\$20.15	S.F.	3,840	110	\$85,105	16	1986	2001	2015			\$77,368	
Heat Generating Systems	\$4.15	S.F.	0	110		30	1986						
Cooling Generating Systems	\$4.22	S.F.	0	110		30	1986						
Distribution Systems & Exhaust Systems	\$4.98	S.F.	0	110		30	1986						
Terminal & Package Units	\$17.29	S.F.	3,840	110	\$73,039	15	1986	2001	2015	5		\$66,399	
Controls & Instrumentation	\$2.86	S.F.	3,840	110	\$12,066	20	1986	2006	2015	5		\$10,969	
Other HVAC Systems/Equip - Kitchen Hood	\$0.70	S.F.	0	110		30	1986						
Fire Protection			0			0	0						

DeKalb County School System

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COMET4 Facility Report

Fernbank Science Center Facility Executive Summary Report

Report Date: 24 Jun 2011

System	Unit Price\$	Unit of Meas	Qty	Renewal%	Renewal\$	Life	Installed	Calc Next Renewal	Next Renewal	RSL	Deficiency\$	Replacement Value	FCI%
Sprinklers	\$3.70	S.F.	0	110		30	1986						
Standpipes	\$0.40	S.F.	0	110		30	1986						
Electrical	\$21.83	S.F.	3,840	110	\$92,216	24	1994	2013				\$83,833	
Electrical Service/Distribution	\$1.85	S.F.	3,840	110	\$7,811	30	1986	2016				\$7,101	
Branch Wiring	\$5.35	S.F.	3,840	110	\$22,617	30	1986	2016				\$20,561	
Lighting	\$8.03	S.F.	3,840	110	\$33,925	30	1986	2016				\$30,841	
Communications and Security - Fire Alarm	\$0.76	S.F.	3,840	110	\$3,206	10	2003	2013				\$2,915	
Communications and Security - PA & Clock Systems	\$4.71	S.F.	3,840	110	\$19,877	10	2003	2013				\$18,070	
Communications and Security - Security & CCTV	\$1.13	S.F.	3,840	110	\$4,780	10	2003	2013				\$4,345	
Other Electrical Systems - Emergency Generator	\$0.29	S.F.	0	110		20	0						
Equipment & Furnishings	\$7.23	S.F.	3,840	110	\$30,545	20	1986	2006	2015			\$27,768	
Equipment			0			0	0						
Institutional Equipment	\$0.70	S.F.	0	110		20	1986						
Other Equipment (Kitchen Equipment)	\$5.02	S.F.	0	110		20	1986						
Other Equipment (Sports Equipment)	\$1.37	S.F.	0	100		15	1986						
Furnishings	\$7.23	S.F.	3,840	110	\$30,545	20	1986	2006	2015			\$27,768	
Fixed Furnishings	\$7.23	S.F.	3,840	110	\$30,545	20	1986	2006	2015	5		\$27,768	
Special Construction			0			0	0						
Special Construction			0			0	0						
Special Structures - Canopies	\$1.93	S.F.	0	110		20	1986						

Facility: \P-12 Schools\Fernbank Science Center\1986 Classroom Annex (continued)

Deficiency Sheet:

Deficiency:

Assembly: **C3010**
System: **Wall Finishes - Paint System**
Material: **Beyond Service Life**
Distress: **Deferred Maintenance**
Category: **Renew System**
Correction: **The painted interior wall finishes are scuffed and stained and should be repainted.**
Note:

Surveyor/Update: Walter Williams
Priority: 3
Quantity: 1

Tue, 12-Apr-2011



Estimates:

Raw Cost	\$5,533.44
Plus or (Minus) Additional Cost	\$2,102.71
Total Estimated Amount	\$7,636.15

Deficiency:

Assembly: **C3030**
System: **Ceiling Finishes System**
Material: **Beyond Service Life**
Distress: **Deferred Maintenance**
Category: **Renew System**
Correction: **The ceiling tile and grid system is damaged and worn and should be replaced.**
Note:

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

Tue, 12-Apr-2011



Estimates:

Raw Cost	\$27,498.24
Plus or (Minus) Additional Cost	\$10,449.33
Total Estimated Amount	\$37,947.57

DeKalb County School System

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COMET4 Facility Report

Fernbank Science Center Facility Executive Summary Report

Report Date: 24 Jun 2011

Facility: \P-12 Schools\Fernbank Science Center\Security Shed
Address: 156 Heaton Park Drive N.E., Atlanta, GA 30307

Attributes:

Fire Sprinkler System No

General Information:

Function: P-12

Year Built: 1985

Gross Area: 64 S.F.

Last Renovation:

Facility Description:

The Security Shed at the Fernbank Science Center is located at 156 Heaton Park Drive N.E. in Atlanta, 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.

Current Repair Cost: \$0.00

Replacement Cost: \$5,826.47

FCI: 0.00%



07-Mar-2011
North Elevation



07-Mar-2011
East Elevation



07-Mar-2011
West Elevation



07-Mar-2011
South Elevation

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COMET4 Facility Report

Fernbank Science Center Facility Executive Summary Report

Report Date: 24 Jun 2011

Facility: \P-12 Schools\Fernbank Science Center\Security Shed (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	\$91.03	S.F.	64	104	\$6,077	67	1985	2005	2015		0	\$5,826	
Substructure	\$3.41	S.F.	64	100	\$218	100	1985					\$218	
Foundations	\$3.41	S.F.	64	100	\$218	100	1985					\$218	
Standard Foundations	\$4.49	S.F.	0	100		100	1985						
Slab on Grade	\$3.41	S.F.	64	100	\$218	100	1985					\$218	
Basement Construction			0			0	0						
Basement Excavation	\$0.21	S.F.	0	100		100	1985						
Basement Walls	\$3.41	S.F.	0	100		100	1985						
Shell	\$72.22	S.F.	64	103	\$4,774	73	1985	2005	2015			\$4,622	
Superstructure	\$13.56	S.F.	64	100	\$868	100	1985					\$868	
Roof Construction	\$13.57	S.F.	64	100	\$868	100	1985					\$868	
Exterior Enclosure	\$44.30	S.F.	64	102	\$2,895	84	1985	2015				\$2,835	
Exterior Walls	\$34.87	S.F.	64	100	\$2,232	100	1985					\$2,232	
Exterior Windows	\$4.54	S.F.	64	110	\$320	30	1985	2015				\$291	
Exterior Doors	\$4.87	S.F.	64	110	\$343	30	1985	2015				\$312	
Roofing	\$14.36	S.F.	64	110	\$1,011	20	1985	2005	2015			\$919	
Roof Coverings	\$14.37	S.F.	64	110	\$1,011	20	1985	2005	2015	5		\$919	
Interiors			0			0	0						
Interior Construction			0			0	0						
Partitions	\$11.92	S.F.	0	110		40	1985						
Interior Doors	\$2.26	S.F.	0	80		30	1985						
Fittings	\$2.79	S.F.	0	110		20	1985						
Interior Finishes			0			0	0						
Wall Finishes	\$1.50	S.F.	0	110		20	1985						
Floor Finishes	\$6.07	S.F.	0	110		20	1985						
Ceiling Finishes	\$5.44	S.F.	0	110		20	1985						
Services	\$15.41	S.F.	64	110	\$1,085	30	1985	2015				\$986	
Plumbing			0			0	0						
Rain Water Drainage	\$1.38	S.F.	0	110		30	1985						
Electrical	\$15.41	S.F.	64	110	\$1,085	30	1985	2015				\$986	
Electrical Service/Distribution	\$3.30	S.F.	64	110	\$232	30	1985	2015				\$211	
Lighting and Branch Wiring	\$12.12	S.F.	64	110	\$853	30	1985	2015				\$775	

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COMET4 Facility Report

Fernbank Science Center Facility Executive Summary Report

Report Date: 24 Jun 2011

Facility: \P-12 Schools\Fernbank Science Center\Security Shed (continued)**Renewal Schedule:**

Systems	2010-12	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total				\$3,199							
Substructure											
Foundations											
Standard Foundations											
Slab on Grade											
Basement Construction											
Basement Excavation											
Basement Walls											
Shell				\$1,941							
Superstructure											
Roof Construction											
Exterior Enclosure				\$769							
Exterior Walls											
Exterior Windows				\$371							
Exterior Doors				\$398							
Roofing				\$1,172							
Roof Coverings				\$1,172							
Interiors											
Interior Construction											
Partitions											
Interior Doors											
Fittings											
Interior Finishes											
Wall Finishes											
Floor Finishes											
Ceiling Finishes											
Services				\$1,258							
Plumbing											
Rain Water Drainage											
Electrical				\$1,258							
Electrical Service/Distribution				\$269							
Lighting and Branch Wiring				\$989							

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Fernbank Science Center Facility Executive Summary Report

Report Date: 24 Jun 2011

Facility: \P-12 Schools\Fernbank Science Center**Security Shed** (continued)

Deficiency Sheet:

*** No Deficiencies Found ***

DeKalb County School System1701 Mountain Industrial Blvd
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COMET4 Facility Report

Fernbank Science Center Facility Executive Summary ReportReport Date: 24 Jun 2011

Facility: \P-12 Schools\Fernbank Science Center\Site
Address: 156 Heaton Park Drive N.E., Atlanta, GA 30307**Attributes:****Site Code** 1735**General Information:****Function:** P-12**Year Built:** 1967**Gross Area:** 38,740 S.F.**Last Renovation:****Facility Description:**

The Fernbank Science Center site was originally constructed in 1967, has a total area of 4 acres, and is occupied by approximately 38,470 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: \$311,423.11**Replacement Cost:** \$918,161.24**FCI:** 33.92%

04-Nov-2010

Aerial Image of Fernbank Science Center

DeKalb County School System

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COMET4 Facility Report

Fernbank Science Center Facility Executive Summary Report

Report Date: 24 Jun 2011

Facility: \P-12 Schools\Fernbank Science Center\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	\$23.70	S.F.	38,740	109	\$1,000,752	31	1974	1992	2015		\$311,423	\$918,161	34
Building Sitework	\$23.70	S.F.	38,740	109	\$1,000,752	31	1974	1992	2015		\$311,423	\$918,161	34
Site Improvements	\$16.64	S.F.	38,740	109	\$700,067	24	1970	1992	2015		\$311,423	\$644,812	48
Roadways	\$4.88	S.F.	38,740	110	\$207,794	25	1967	1992	2015	5		\$188,904	
Parking Lots	\$6.36	S.F.	38,740	110	\$271,153	25	1967	1992			\$271,153	\$246,503	110
Pedestrian Paving	\$0.94	S.F.	38,740	110	\$40,270	30	1967	1997			\$40,270	\$36,609	110
Site Development	\$0.26	S.F.	38,740	110	\$11,276	10	1985	1995	2015	5		\$10,251	
Site Development 2	\$2.38	S.F.	38,740	100	\$92,255	30	1967	1997	2015			\$92,255	
Fence & Guardrails	\$2.38	S.F.	38,740	100	\$92,255	30	1967	1997	2015	5		\$92,255	
Landscaping	\$1.81	S.F.	38,740	110	\$77,319	10	1967					\$70,290	
Site Mechanical Utilities	\$5.66	S.F.	38,740	110	\$241,085	50	1972	2015				\$219,167	
Water Supply	\$1.03	S.F.	38,740	110	\$44,029	50	1967	2017				\$40,026	
Sanitary Sewer	\$0.45	S.F.	38,740	110	\$19,330	50	1967	2017				\$17,572	
Storm Sewer	\$4.04	S.F.	38,740	110	\$172,357	50	1967	2017				\$156,688	
Fuel Distribution - Gas	\$0.13	S.F.	38,740	110	\$5,369	30	1985	2015				\$4,881	
Site Electrical Utilities	\$1.40	S.F.	38,740	110	\$59,600	30	1985	2015				\$54,182	
Electrical Distribution	\$0.52	S.F.	38,740	110	\$22,014	30	1985	2015				\$20,013	
Site Lighting	\$0.69	S.F.	38,740	110	\$29,532	30	1985	2015				\$26,847	
Site Communication and Security	\$0.19	S.F.	38,740	110	\$8,054	30	1985	2015				\$7,322	

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COMET4 Facility Report

Fernbank Science Center Facility Executive Summary Report

Report Date: 24 Jun 2011

Facility: \P-12 Schools\Fernbank Science Center\Site (continued)**Renewal Schedule:**

Systems	2010-12	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total	\$311,423			\$436,230		\$289,900					
Building Sitework	\$311,423			\$436,230		\$289,900					
Site Improvements	\$311,423			\$360,912							
Roadways				\$240,891							
Parking Lots	\$271,153										
Pedestrian Paving	\$40,270										
Site Development				\$13,072							
Site Development 2				\$106,949							
Fence & Guardrails				\$106,949							
Landscaping											
Site Mechanical Utilities				\$6,225		\$289,900					
Water Supply						\$54,150					
Sanitary Sewer						\$23,773					
Storm Sewer						\$211,977					
Fuel Distribution - Gas				\$6,225							
Site Electrical Utilities				\$69,093							
Electrical Distribution				\$25,521							
Site Lighting				\$34,235							
Site Communication and Security				\$9,337							

DeKalb County School System

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COMET4 Facility Report

Fernbank Science Center Facility Executive Summary Report

Report Date: 24 Jun 2011

Facility: \P-12 Schools\Fernbank Science Center\Site (continued)

Deficiency Sheet:

Deficiency:

Assembly: **G2020**
System: **Parking Lots**
Material: **System**
Distress: **Beyond Service Life**
Category: **Deferred Maintenance**
Correction: **Renew System**
Note: **The parking lots are cracked and damaged and should be resurfaced and restriped.**

Surveyor/Update: Walter Williams
Priority: 3
Quantity: 1

Sun, 12-Jun-2011



Estimates:

Raw Cost	\$215,200.70
Plus or (Minus) Additional Cost	\$55,952.18
Total Estimated Amount	\$271,152.88

Deficiency:

Assembly: **G2030**
System: **Pedestrian Paving**
Material: **System**
Distress: **Beyond Service Life**
Category: **Deferred Maintenance**
Correction: **Renew System**
Note: **The pedestrian paving is broken, heaved, and damaged, and should be replaced.**

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

Tue, 12-Apr-2011



Estimates:

Raw Cost	\$31,960.50
Plus or (Minus) Additional Cost	\$8,309.73
Total Estimated Amount	\$40,270.23

Educational Adequacy Report

Suitability Report - Full

Project #: 4469	County: DeKalb	Site #: 1600
Project: Assessments 2010	Region: 1	Site: Fernbank Science Center
Grade Config: K - 12	Site Type: Other	Site Size: 0.00

Suitability	Rating	Score	Possible Score	Percent Score
Suitability - K-12				
Site				
Traffic	Good	3.00	3.00	100.00
Pedestrian Traffic	Good	0.34	0.34	100.00
Parking	Good	3.55	3.55	100.00
Play Courts & Fields	(N/A)	0.00	0.00	0.00
Safety and Security				
Fencing	Good	1.43	1.43	100.00
Signage & Way Finding	Fair	0.12	0.18	67.00
Ease of Supervision	P/U	0.00	2.50	0.00
Limited Entrances	G/F	0.50	0.50	100.00
Interior Circulation	G/F	0.50	0.50	100.00
Sprinkler System	Unsat	0.00	0.50	0.00
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	Unsat	0.00	12.25	0.00
Adjacencies	Good	2.63	2.63	100.00
Storage\Fixed Equip.	Good	2.63	2.63	100.00
Remedial - Special Needs				
Size	(N/A)	0.00	0.00	0.00
Adjacencies	(N/A)	0.00	0.00	0.00
Storage\Fixed Equip.	(N/A)	0.00	0.00	0.00
Library				
Size	P/U	0.00	1.83	0.00
Adjacencies	P/U	0.00	0.39	0.00
Storage\Fixed Equip.	P/U	0.00	0.39	0.00
P.E.				
Size	(N/A)	0.00	0.00	0.00
Adjacencies	(N/A)	0.00	0.00	0.00
Storage\Fixed Equip.	(N/A)	0.00	0.00	0.00
Music				
Size	(N/A)	0.00	0.00	0.00
Adjacencies	(N/A)	0.00	0.00	0.00
Storage\Fixed Equip.	(N/A)	0.00	0.00	0.00

Project #: 4469

County: DeKalb

Site #: 1600

Project: Assessments 2010

Region: 1

Site: Fernbank Science Center

Grade Config: K - 12

Site Type: Other

Site Size: 0.00

Suitability	Rating	Score	Possible Score	Percent Score
Art				
Size	(N/A)	0.00	0.00	0.00
Adjacencies	(N/A)	0.00	0.00	0.00
Storage\Fixed Equip.	(N/A)	0.00	0.00	0.00
Performing Arts\Auditorium				
Size	(N/A)	0.00	0.00	0.00
Adjacencies	(N/A)	0.00	0.00	0.00
Storage\Fixed Equip.	(N/A)	0.00	0.00	0.00
Vocational Technical				
Size	(N/A)	0.00	0.00	0.00
Adjacencies	(N/A)	0.00	0.00	0.00
Storage\Fixed Equip.	(N/A)	0.00	0.00	0.00
Science				
Size	(N/A)	0.00	0.00	0.00
Adjacencies	(N/A)	0.00	0.00	0.00
Storage\Fixed Equip.	(N/A)	0.00	0.00	0.00
Kindergarten				
Size	(N/A)	0.00	0.00	0.00
Adjacencies	(N/A)	0.00	0.00	0.00
Storage\Fixed Equip.	(N/A)	0.00	0.00	0.00
Administration				
Size	Good	1.21	1.21	100.00
Adjacencies	G/F	0.26	0.26	100.00
Storage\Fixed Equip.	G/F	0.26	0.26	100.00
Restrooms (Student)				
	P/U	0.00	0.89	0.00
Teacher Lounge and Work Room(s)				
	Fair	0.34	0.68	50.00
Cafeteria				
	(N/A)	0.00	0.00	0.00
Food Prep				
	(N/A)	0.00	0.00	0.00
Counseling				
	(N/A)	0.00	0.00	0.00
Clinic				
	(N/A)	0.00	0.00	0.00
Custodial & Maintenance				
	G/F	0.50	0.50	100.00
Total For Site:		28.26	47.40	59.61

Comments

Suitability - K-12

Fernbank Science Center is a science center run and operated by the DCSS. It opened in 1967. The main building has had some renovations over the years, but never any additions. There is an annex building in the rear housing some instructional spaces, and two storage buildings. The school backs up to Fernbank Forest, with which the DCSS has a lease for use in the school's instructional program. Other features of the school are an exhibit hall, a 500 seat planetarium, an observatory, a compost garden, a research library, an aerospace education lab, and a

Suitability - K-12->Site-->Play Courts & Fields

The instructional program at the school is such that no play courts and fields are necessary.

Suitability - K-12->Safety and Security-->Signage & Way Finding

There is some signage in parts of the building. There is no wayfinding signage to find all areas of the building.

Project #: 4469

County: DeKalb

Site #: 1600

Project: Assessments 2010

Region: 1

Site: Fernbank Science Center

Grade Config: K - 12

Site Type: Other

Site Size: 0.00

Suitability	Rating	Score	Possible Score	Percent Score
Suitability - K-12->Safety and Security-->Ease of Supervision				
While the majority of the building has surveillance cameras, there are still some areas in the science display areas and general areas that have "hiding" spaces and do not have adequate sightlines.				
Suitability - K-12->Safety and Security-->Limited Entrances				
The front entrance is kept unlocked and visually supervised. Only one rear entrance is kept unlocked, for ease of access to the second building in the rear of the property; it is visually supervised via camera.				
Suitability - K-12->General Classrooms-->Size				
None of the classrooms meet size standards for elementary, middle, or high school.				
Suitability - K-12->General Classrooms-->Adjacencies				
As a science program where students come from other campuses, there are no standard adjacency issues as one would see in a "home" school.				
Suitability - K-12->Library				
The library is for special use and research. It is used by the high school students and other adults or college students by appointment. Its size is small for high school groups or classes that may go to the school to use it for instructional purposes.				
Suitability - K-12->Science-->Size				
All of the spaces in this school are science spaces, and have been assessed under "general" classrooms.				
Suitability - K-12->Science-->Adjacencies				
Since the school is a science program only and does not house students for a full program day, there are not the adjacency issues one would see in a "home" school.				
Suitability - K-12->Science-->Storage\Fixed Equip.				
Rooms were scored under "general" classrooms.				
Suitability - K-12->Restrooms (Student)				
The restrooms are in the main building. They have poor ventilation. The annex building has no restrooms; both students and staff must use the restrooms in the main building.				
Suitability - K-12->Teacher Lounge and Work Room(s)				
Teacher restrooms are not ADA accessible.				

Technology Readiness Report

Technology Readiness Report - Full

Project #: 4469

County: DeKalb

Site #: 1600

Project: Assessments 2010

Region: 1

Site: Fernbank Science Center

Technology Readiness	Rating	Score	Possible Score	Percent Score
Technology Readiness				
MDFIT Equipment Environment	Unsat	0.00	15.00	0.00
Electrical Power	Unsat	0.00	10.00	0.00
Cooling	Unsat	0.00	10.00	0.00
Drops	Unsat	0.00	10.00	0.00
Wireless	Fair	2.50	5.00	50.00
WAN Backbone	Good	10.00	10.00	100.00
LAN-WAN Performance	Poor	3.30	10.00	33.00
Video Distribution	Fair	2.50	5.00	50.00
Voice Distribution	Good	5.00	5.00	100.00
Faculty & Staff Technology	Good	10.00	10.00	100.00
Emergency Alert	Good	5.00	5.00	100.00
Projectors	Good	5.00	5.00	100.00
Total For Site:		43.30	100.00	43.30

Comments

Technology Readiness->MDFIT Equipment Environment

The MDF/IT is not located in a separate place and is not secured where it is located.

Technology Readiness->Electrical Power

Less than half of the instructional spaces have sufficient electrical power requirements and outlets for the minimum number of computers.

Technology Readiness->Cooling

The rooms do not have adequate year-round cooling and ventilation.

Technology Readiness->Drops

Almost all instructional spaces have only one drop.

Technology Readiness->Wireless

The majority of the main building has wireless capability, but the computer lab does not. The annex building does not have wireless capability.

Technology Readiness->LAN-WAN Performance

Internet connectivity is available, but it is very slow for the needs of the school and its program.

Technology Readiness->Video Distribution

Most spaces have smartboards for video distribution.