

Building/Campus/College Comparison Report

Delta College

Facility	Year Built	Building Area (S.F.)	Pct. of Total S.F.	CRV	Pct. of Total CRV	0-1 Yr DMB	Pct. of Total 0-1 Yr DMB	1 Yr FCI	FCI Rating	0-5 Yr DMB	Pct. of Total 0-5 Yr DMB	5 Yr FCI
Entire College		1,012,504		\$271,313,611		\$9,212,919		3.4%	GOOD	\$27,486,154		10.1%
Bay City		39,204	3.9%	\$13,423,450	4.9%	\$0	0.0%	0.0%	GOOD	\$1,087,299	4.0%	8.1%
Planetary & Science Ctr	1996	39,204	3.9%	\$13,423,450	4.9%	\$0	0.0%	0%	GOOD	\$1,087,299	4.0%	8.1%
Gilford		2,447	0.2%	\$2,202,726	0.8%	\$0	0.0%	0.0%	GOOD	\$0	0.0%	0.0%
Gilford Transmitter Bldg	2004	1,447	0.1%	\$662,726	0.2%	\$0	0.0%	0%	GOOD	\$0	0.0%	0.0%
Gilford Tower	2004	1,000	0.1%	\$1,540,000	0.6%	\$0	0.0%	0%	GOOD	\$0	0.0%	0.0%
Main Campus / Core Building		899,682	88.9%	\$241,239,661	88.9%	\$6,914,890	75.1%	2.9%	GOOD	\$21,628,583	78.7%	9.0%
A Wing	1961	153,406	15.2%	\$37,409,587	13.8%	\$2,450,328	26.6%	7%	FAIR	\$5,517,914	20.1%	14.8%
B Wing (Administration)	1961	25,413	2.5%	\$5,692,512	2.1%	\$0	0.0%	0%	GOOD	\$853,877	3.1%	15.0%
C Wing	1961	39,773	3.9%	\$11,176,213	4.1%	\$55,881	0.6%	1%	GOOD	\$821,452	3.0%	7.4%
D Wing	1968	40,323	4.0%	\$11,926,737	4.4%	\$0	0.0%	0%	GOOD	\$459,179	1.7%	3.9%
E Wing	1961	28,392	2.8%	\$7,921,368	2.9%	\$0	0.0%	0%	GOOD	\$186,152	0.7%	2.4%
F Wing (Health Professions)	1978	93,387	9.2%	\$24,602,805	9.1%	\$0	0.0%	0%	GOOD	\$1,230,140	4.5%	5.0%
G Wing	1961	20,698	2.0%	\$4,842,504	1.8%	\$0	0.0%	0%	GOOD	\$116,220	0.4%	2.4%
H Wing	1961	11,630	1.1%	\$3,222,557	1.2%	\$0	0.0%	0%	GOOD	\$0	0.0%	0.0%
J Wing	1962	27,156	2.7%	\$7,568,377	2.8%	\$0	0.0%	0%	GOOD	\$0	0.0%	0.0%
K Wing	1961	16,247	1.6%	\$4,045,503	1.5%	\$1,288,493	14.0%	32%	POOR	\$2,421,234	8.8%	59.9%
L Wing	1961	35,072	3.5%	\$9,978,685	3.7%	\$0	0.0%	0%	GOOD	\$149,680	0.5%	1.5%
M Wing	1968	70,799	7.0%	\$19,241,752	7.1%	\$2,597,637	28.2%	14%	POOR	\$3,550,103	12.9%	18.5%
N Wing	1961	126,073	12.5%	\$32,112,054	11.8%	\$0	0.0%	0%	GOOD	\$0	0.0%	0.0%
P Wing	1979	117,702	11.6%	\$32,747,050	12.1%	\$0	0.0%	0%	GOOD	\$2,357,788	8.6%	7.2%
S Wing (Fine Arts)	1972	79,545	7.9%	\$18,300,918	6.7%	\$0	0.0%	0%	GOOD	\$2,854,943	10.4%	15.6%
Z Wing (Powerhouse)	1961	14,066	1.4%	\$10,451,038	3.9%	\$522,552	5.7%	5%	FAIR	\$1,109,900	4.0%	10.6%
Main Campus / Off Buildings		41,657	4.1%	\$7,117,988	2.6%	\$107,675	1.2%	1.5%	GOOD	\$520,986	1.9%	7.3%
Grounds Maintenance	1968	8,400	0.8%	\$1,360,800	0.5%	\$0	0.0%	0%	GOOD	\$0	0.0%	0.0%
Grounds Maintenance Storage	1984	1,792	0.2%	\$111,104	0.0%	\$1,389	0.0%	1%	GOOD	\$33,776	0.1%	30.4%
Grounds Maintenance Storage	2009	4,224	0.4%	\$177,408	0.1%	\$0	0.0%	0%	GOOD	\$0	0.0%	0.0%
Grounds Maintenance Storage	2009	2,772	0.3%	\$210,672	0.1%	\$0	0.0%	0%	GOOD	\$0	0.0%	0.0%
Transmitter 1	1981	1,025	0.1%	\$469,450	0.2%	\$0	0.0%	0%	GOOD	\$28,167	0.1%	6.0%
Transmitter 2 (Chalet)	1964	860	0.1%	\$157,380	0.1%	\$0	0.0%	0%	GOOD	\$22,033	0.1%	14.0%
Satellite Ground Terminal	1964	100	0.0%	\$154,000	0.1%	\$0	0.0%	0%	GOOD	\$0	0.0%	0.0%
TV Tower	1964	450	0.0%	\$693,000	0.3%	\$0	0.0%	0%	GOOD	\$0	0.0%	0.0%
Water Tower	1960	1,362	0.1%	\$1,078,704	0.4%	\$0	0.0%	0%	GOOD	\$10,787	0.0%	1.0%
Water Meter Bldg	2004	408	0.0%	\$303,144	0.1%	\$0	0.0%	0%	GOOD	\$0	0.0%	0.0%
Farm House	1870	9,064	0.9%	\$1,703,126	0.6%	\$0	0.0%	0%	GOOD	\$0	0.0%	0.0%
Farm Barn	1881	7,900	0.8%	\$489,800	0.2%	\$106,287	1.2%	22%	POOR	\$422,208	1.5%	86.2%
Farm Shed	1890	1,020	0.1%	\$63,240	0.0%	\$0	0.0%	0%	GOOD	\$4,016	0.0%	6.4%
Farm Tool Shed	1930	1,320	0.1%	\$81,840	0.0%	\$0	0.0%	0%	GOOD	\$0	0.0%	0.0%
Farm Pavillion	1984	960	0.1%	\$64,320	0.0%	\$0	0.0%	0%	GOOD	\$0	0.0%	0.0%
Midland Center		29,514	2.9%	\$7,329,786	2.7%	\$2,190,353	23.8%	29.9%	POOR	\$4,249,286	15.5%	58.0%
Midland Center	1962	29,322	2.9%	\$7,301,178	2.7%	\$2,190,353	23.8%	30%	POOR	\$4,249,286	15.5%	58.2%
Midland Center - Storage	2012	192	0.0%	\$28,608	0.0%	\$0	0.0%	0%	GOOD	\$0	0.0%	0.0%

Deferred Maintenance Report - Entire Campus

Delta College

College Stats

Number of Buildings	36
Oldest Building	1870
Newest Building	2012
Avg. Year Built	1966
Avg. Cost per S.F.	\$268

Facilities Condition Index - Entire College

First Year Data						Five Year Data				
1,012,504	\$271,313,611	\$9,212,919	\$5,208,706	3.4%	GOOD	\$27,486,154	\$17,279,986	10.1%	\$5,426,272	\$10,923,503
TOTAL S.F.	CRV	DMB	EXCESS	FCI	RATING	DMB	EXCESS	FCI	\$/YR MAINTAIN	\$/YR REDUCE

Bay City Overview

Facilities Condition Index - By Building

Building No.	Building	Area-SF	Year Built	CRV by Building	0-1 Yr DMB	1 Yr FCI	0-5 Yr DMB	5 Yr FCI
35-PLNT	Planetarium & Science Ctr	39,204	1996	\$13,423,450	\$0	0.0%	\$1,087,299	8.1%

Bay City Facilities Condition Index

First Year Data						Five Year Data				
39,204	\$13,423,450	\$0	\$0	0.0%	GOOD	\$1,087,299	\$416,127	8.1%	\$268,469	\$485,929
TOTAL S.F.	CRV	DMB	EXCESS	FCI	RATING	DMB	EXCESS	FCI	\$/YR MAINTAIN	\$/YR REDUCE

Gilford Overview

Facilities Condition Index - By Building

Building No.	Building	Area-SF	Year Built	CRV by Building	0-1 Yr DMB	1 Yr FCI	0-5 Yr DMB	5 Yr FCI
40-GILF	Gilford Transmitter Bldg	1,447	2004	\$662,726	\$0	0.0%	\$0	0.0%
41-GTWR	Gilford Tower	1,000	2004	\$1,540,000	\$0	0.0%	\$0	0.0%

Gilford Facilities Condition Index

First Year Data						Five Year Data				
2,447	\$2,202,726	\$0	\$0	0.0%	GOOD	\$0	\$0	0.0%	\$44,055	\$44,055
TOTAL S.F.	CRV	DMB	EXCESS	FCI	RATING	DMB	EXCESS	FCI	\$/YR MAINTAIN	\$/YR REDUCE

Main Campus / Core Building Overview

Facilities Condition Index - By Building

Building No.	Building	Area-SF	Year Built	CRV by Building	0-1 Yr DMB	1 Yr FCI	0-5 Yr DMB	5 Yr FCI
01-AWNG	A Wing	153,406	1961	\$37,409,587	\$2,450,328	6.6%	\$5,517,914	14.8%
02-BWNG	B Wing (Administration)	25,413	1961	\$5,692,512	\$0	0.0%	\$853,877	15.0%
03-CWNG	C Wing	39,773	1961	\$11,176,213	\$55,881	0.5%	\$821,452	7.4%
04-DWNG	D Wing	40,323	1968	\$11,926,737	\$0	0.0%	\$459,179	3.9%
05-EWNG	E Wing	28,392	1961	\$7,921,368	\$0	0.0%	\$186,152	2.4%
06-FWNG	F Wing (Health Professions)	93,387	1978	\$24,602,805	\$0	0.0%	\$1,230,140	5.0%
07-GWNG	G Wing	20,698	1961	\$4,842,504	\$0	0.0%	\$116,220	2.4%
08-HWNG	H Wing	11,630	1961	\$3,222,557	\$0	0.0%	\$0	0.0%
09-JWNG	J Wing	27,156	1962	\$7,568,377	\$0	0.0%	\$0	0.0%
10-KWNG	K Wing	16,247	1961	\$4,045,503	\$1,288,493	31.9%	\$2,421,234	59.9%
11-LWNG	L Wing	35,072	1961	\$9,978,685	\$0	0.0%	\$149,680	1.5%
12-MWNG	M Wing	70,799	1968	\$19,241,752	\$2,597,637	13.5%	\$3,550,103	18.5%
13-NWNG	N Wing	126,073	1961	\$32,112,054	\$0	0.0%	\$0	0.0%
14-PWNG	P Wing	117,702	1979	\$32,747,050	\$0	0.0%	\$2,357,788	7.2%
15-SWNG	S Wing (Fine Arts)	79,545	1972	\$18,300,918	\$0	0.0%	\$2,854,943	15.6%
16-ZWNG	Z Wing (Powerhouse)	14,066	1961	\$10,451,038	\$522,552	5.0%	\$1,109,900	10.6%

Main Campus / Core Building Facilities Condition Index

First Year Data						Five Year Data				
899,682	\$241,239,661	\$6,914,890	\$3,301,615	2.9%	GOOD	\$21,628,583	\$12,533,982	9.0%	\$4,824,793	\$9,150,510
TOTAL S.F.	CRV	DMB	EXCESS	FCI	RATING	DMB	EXCESS	FCI	\$/YR MAINTAIN	\$/YR REDUCE

Main Campus / Off Buildings Overview

Facilities Condition Index - By Building

Building No.	Building	Area-SF	Year Built	CRV by Building	0-1 Yr DMB	1 Yr FCI	0-5 Yr DMB	5 Yr FCI
18-XBDG	Grounds Maintenance	8,400	1968	\$1,360,800	\$0	0.0%	\$0	0.0%
19-XBD2	Grounds Maintenance Storage 2	1,792	1984	\$111,104	\$1,389	1.3%	\$33,776	30.4%
20-XBD3	Grounds Maintenance Storage 3	4,224	2009	\$177,408	\$0	0.0%	\$0	0.0%
21-XBD4	Grounds Maintenance Storage 4	2,772	2009	\$210,672	\$0	0.0%	\$0	0.0%
22-TRN1	Transmitter 1	1,025	1981	\$469,450	\$0	0.0%	\$28,167	6.0%
23-TRN2	Transmitter 2 (Chalet)	860	1964	\$157,380	\$0	0.0%	\$22,033	14.0%
24-SATL	Satellite Ground Terminal	100	1964	\$154,000	\$0	0.0%	\$0	0.0%
25-TOWR	TV Tower	450	1964	\$693,000	\$0	0.0%	\$0	0.0%
26-WTWR	Water Tower	1,362	1960	\$1,078,704	\$0	0.0%	\$10,787	1.0%
27-WMTR	Water Meter Bldg	408	2004	\$303,144	\$0	0.0%	\$0	0.0%
30-FMHS	Farm House	9,064	1870	\$1,703,126	\$0	0.0%	\$0	0.0%
31-FMBN	Farm Barn	7,900	1881	\$489,800	\$106,287	21.7%	\$422,208	86.2%
32-FMSH	Farm Shed	1,020	1890	\$63,240	\$0	0.0%	\$4,016	6.4%
33-FMTS	Farm Tool Shed	1,320	1930	\$81,840	\$0	0.0%	\$0	0.0%
34-FMPV	Farm Pavillion	960	1984	\$64,320	\$0	0.0%	\$0	0.0%

Main Campus / Off Buildings Facilities Condition Index

First Year Data						Five Year Data				
41,657	\$7,117,988	\$107,675	\$81,797	1.5%	GOOD	\$520,986	\$445,650	7.3%	\$142,360	\$246,557
TOTAL S.F.	CRV	DMB	EXCESS	FCI	RATING	DMB	EXCESS	FCI	\$/YR MAINTAIN	\$/YR REDUCE

Midland Center Overview

Facilities Condition Index - By Building

Building No.	Building	Area-SF	Year Built	CRV by Building	0-1 Yr DMB	1 Yr FCI	0-5 Yr DMB	5 Yr FCI
36-MIDL	Midland Center	29,322	1962	\$7,301,178	\$2,190,353	30.0%	\$4,249,286	58.2%
42-MIDL	Midland Center - Storage	192	2012	\$28,608	\$0	0.0%	\$0	0.0%

Midland Center Facilities Condition Index

First Year Data						Five Year Data				
29,514	\$7,329,786	\$2,190,353	\$1,825,295	29.9%	POOR	\$4,249,286	\$3,884,227	58.0%	\$146,596	\$996,453
TOTAL S.F.	CRV	DMB	EXCESS	FCI	RATING	DMB	EXCESS	FCI	\$/YR MAINTAIN	\$/YR REDUCE

Deferred Maintenance Detail Report - by Building
Delta College

Campus: Main Campus / Core Building
Bldg. No: 01-AWNG
Building: A Wing
Area: 153406sf **Yr Built:** 1961 **Floors:**3

Use Types:
 3 % Maintenance
 6 % Lab
 12 % Classroom
 22 % Administration
 57 % Library

Notes: 1999: 55% of original bldg renovated inc Library addition & courtyard circulation core (approx 30% of total sf). 2004: RII B reassigned 945sf from G Wing to A Wing, replaced condensate, expansion joints upgraded in lower level including HVAC for DTV; 2005: FL1 Renovated offices 9032 sf; 2006: Transfer 295sf to J Wing, transfer 267sf to H Wing. 2007: West Entry Addition FL1, 13sf renovated, 83sf new; 2010 Renovated 4175sf DTV Studio Area and 2590sf in Library area for new Testing

Components	CRV of Component		% of Component Requiring Repair/Replacement in:				Notes
	%	\$	0-1 Year	1-5 Years	6-10 Years	11+ Years	
Structure	17	\$6,359,630	0	5	10	85	Steel frame w/poured in place pan joists. Steel deck w/concrete slab for library. Slab on grade.
Roof	7	\$2,618,671	0	45	0	55	Partial roofing replaced in 1990, 1999, 2005, 2007 (inc roof, metal coping & insulation). Metal roofing over the Library needs to be repaired, starting to rust.
Glazing	6	\$2,244,575	0	10	0	90	All courtyard glazing replaced in 1999. New windows in 1999 for upper level classrooms east of Library. Windows on new Library area need repair due to lack of water dams in frames.
Cladding	5	\$1,870,479	10	5	0	85	Cement plaster fascia repaired & resurfaced in courtyard in 2007. Staining on panels at metal roof eave over library.
HVAC Equipment	15	\$5,611,438	15	0	0	85	Dual duct & constant volume systems beyond expected service lives. 2004 new liebert units for DTV. 2010, replaced AHU 15 & 16.
HVAC Terminal Units	10	\$3,740,959	30	0	0	70	Zoning should be improved. Lined ductwork, terminal units and reheat coils need to be upgraded. 2010 installed VAV system for AHU 16 including heat exchanger and distribution piping. Lower level needs new distribution
Plumbing	5	\$1,870,479	0	20	30	50	Galvanized piping in tunnel needs to be upgraded.
Primary	0	\$0	0	0	0	0	
Secondary	5	\$1,870,479	0	5	5	90	Panelboards and feeders on main level are newer. Panelboards and feeders on lower level are from 1961. 2004 new for DTV area including UPS. 2010 new for DTV Studio area.
Distribution	5	\$1,870,479	0	5	5	90	Main level distribution relatively new. Lower level distribution 1961. 2004 new distribution including UPS for DTV master control. 2010 new distribution for DTV Studio area. 2014: Emergency power and lighting upgrades were completed connecting emergency lighting and essential power systems to existing generators.
Lighting	5	\$1,870,479	0	10	0	90	Original light fixtures with new ballasts in 1994. New Library lighting w/SLTF in 1999. DTV in 2004 partial. E&W courtyards in 2005. New TV studio lighting in 2010. 2014: Emergency power and lighting upgrades were completed connecting emergency lighting and essential power systems to existing generators. 2016: replaced lighting in A100 Founders Hall with LED's
Voice/Data	5	\$1,870,479	0	5	0	95	1997 New voice/data fiber optic backbone. 2007 reconfigure fiber optic cable to Chalet to match standard college configurator
Ceilings	3	\$1,122,288	5	10	0	85	1999 upper level main circulation corridor replaced. DTV lower level original Airson ceiling is old but adequate. 2004 new ceilings DTV south end and corridor. 2010 ceilings upgraded in DTV Studio area and new Testing Center area.
Walls	2	\$748,192	5	10	0	85	Primarily brick and block. In good condition. 2010 wall finishes replaced in DTV Studio area and new Testing Center area.
Doors	2	\$748,192	10	5	0	85	Main level doors and hardware replaced in the 1990s. Lower level courtyard doors replace 1999. Partial DTV 2004 & E & W Courtyards 2005. Remainder of lower level doors are original plastic laminate. 2006 West entry addition. 2010 doors replaced in DTV Studio area and Testing Center area. 2016: new vestibule doors were added to South Entry of East Corridor.
Floors	3	\$1,122,288	5	10	0	85	Main and upper level floor finishes all new in 1999. Lower level flooring new 2004 DTV partial & 2005 E & W Courtyard. 2010 flooring replace in DTV Studio area and Testing Center area. 2016: replace carpeting in A100 Founders Hall and VCT adjacent to Coffee n' More.
Building, Fire, ADA, OSH	2	\$748,192	10	10	0	75	Main & upper levels are fully fire sprinklered. Lower level is fully sprinklered w/the exception of 2/3 Broadcast area. Fire alarm system new in 1999. Elevator upgraded in 1999. 2010 installed fire sprinkler system in DTV Studio area. 2016: hadrails and guardrails were updated in all stairways to current code.
Site Repair, Ext. Light, etc	3	\$1,122,288	0	0	5	95	All new sidewalks. Exterior lights upgraded in 1999 & 2005. 2016: sidewalks were repalced at Southeast Entry to East Corridor.

CRV Totals:

\$37,409,587 \$2,450,328 \$3,067,586 \$1,440,269 \$30,413,994

First Year Data

\$37,409,587

CRV

\$2,450,328

DMB

\$579,849

EXCESS

6.6%

FCI

FAIR

RATING

Five Year Data

\$5,517,914

DMB

\$3,647,435

EXCESS

14.8%

FCI

\$748,192

\$/YR MAINTAIN

\$1,851,775

\$/YR REDUCE

Campus: Main Campus / Core Building

Bldg. No: 02-BWNG

Building: B Wing (Administration)

Area: 25413sf **Yr Built:** 1961 **Floors:** 2

Use Types:

100% Administration

Notes: 1961: original construction sf 7438; 1966: added new space 15781 sf; 2000: added new space 2194sf, renovated 2830 sf; 2003 renovated Board Rm 15781sf 2012: WARN project generator installed to provide backup power to QTV and Data Center. 2014: Emergency power and lighting upgrades were completed connecting emergency lighting and essential power systems to existing generators. New LED lighting installed in West (1965) half of the wing. 2018: Exterior work replacing sidewalk and storm

Components	CRV of Component		% of Component Requiring Repair/Replacement in:				Notes
	%	\$	0-1 Year	1-5 Years	6-10 Years	11+ Years	
Structure	15	\$853,877	0	0	5	95	Steel frame in good condition.
Roof	5	\$284,626	0	0	0	100	2007 - New roof, metal coping, and insulation installed.
Glazing	6	\$341,551	0	0	10	90	Original, insulated in aluminum frames. Good condition. 1961 area replaced. 1966 area aluminum frames and glazing was replaced except for the individual offices in 2002.
Cladding	5	\$284,626	0	0	0	100	Brick is in good condition. Cement plaster fascia repaired and resurfaced 2007.
HVAC Equipment	15	\$853,877	0	60	0	40	Low pressure condensate pumps, HV13, HV15, HV16, HV18, HV19 CHW piping and parts of steam and condensate systems need to be replaced. HV18 was cleaned and new cooling coil installed as part of the 2002 renovations.
HVAC Terminal Units	10	\$569,251	0	60	0	40	Mixing boxes need to be replaced. New mixing boxes were installed and remaining existing boxes were serviced as part of the 2002 renovations. The HVAC system in the 1966 area was also rebalanced.
Plumbing	5	\$284,626	0	0	10	90	1999 - 1961 portion upgraded. 2002 - Fixtures and related plumbing of 1966 portion upgraded.
Primary	0	\$0	0	0	0	0	
Secondary	5	\$284,626	0	0	5	95	1961 area of building has been upgraded. 1966 area is original switch and fuse equipment. All distribution panels except those in the computer room were replaced in 2002.
Distribution	5	\$284,626	0	0	5	95	Mostly original. 1999 - 1961 area upgraded. 2002 - 1966 area upgraded. 2014: Emergency power and lighting upgrades were completed connecting emergency lighting and essential power systems to existing generators.
Lighting	6	\$341,551	0	0	0	100	1961 area is upgraded. 1966 area has original fixtures with upgraded ballasts. Fixtures in 1966 area were replaced or upgraded in 2002. Emergency fixtures were added also. 2014: Emergency power and lighting upgrades were completed connecting emergency lighting and essential power systems to existing generators. New LED lighting was installed in the West (1965) half of the wing.
Voice/Data	8	\$455,401	0	0	0	100	New voice/data fiber optic backbone in 1997.
Ceilings	3	\$170,775	0	0	0	100	1961 portion was upgraded in 1999. 1966 area is original Airson ceiling. Some areas have no replacement tile. 1966 area was completely replaced in 2002. Airson system was eliminated.
Walls	2	\$113,850	0	0	0	100	Brick, plaster, some gypsum board - reasonable condition. All walls were upgraded in 1999 and 2002 renovations.
Doors	2	\$113,850	0	0	0	100	Doors in 1961 portion of building were replaced in 1999. 1966 portion has original plastic laminate doors with knobs rather than levers. Doors and hardware were replaced in the 1966 portion in 2002.
Floors	3	\$170,775	0	0	0	100	All carpet. 50% old, 50% new. New carpet was installed in remaining old areas in 2002.
Building, Fire, ADA, OSH	2	\$113,850	0	0	0	100	Fire sprinklers in 1961 portion, 25% in 1966 portion. Fire sprinklers were added to the remainder of the area in 2002. Toilet rooms were remodeled to ADA standards in 1998 and 2002.
Site Repair, Ext. Light, etc	3	\$170,775	0	0	5	95	New sidewalks and landscaping were installed in 1999. Exterior lighting and southeast entrance slab were replaced in 2002. 2018 courtyard walkway replaced to parking lot and storm sewer line installed.

CRV Totals: \$5,692,512 \$0 \$853,877 \$142,313 \$4,696,322

First Year Data

\$5,692,512	\$0	\$0	0.0%	GOOD
CRV	DMB	EXCESS	FCI	RATING

Five Year Data

\$853,877	\$569,251	15.0%	\$113,850	\$284,626
DMB	EXCESS	FCI	\$/YR MAINTAIN	\$/YR REDUCE

Campus: Main Campus / Core Building

Bldg. No: 03-CWNG

Building: C Wing

Area: 39773sf **Yr Built:** 1961 **Floors:** 2

Use Types:

20 % Classroom

80 % Lab

Notes: Total sq ft indicated includes addition completed in 1999 accounting for approx 40% of TSF. 1999: Approx 90% of original C Wing remodeld; 2004: Renovated FL0 3400sf for HVAC upgrade, FL1 deduct 364sf for reassignment to D Wing; 2005: FL0 Mechanical--replaced AHU-12 & related systems, 3009sf. 2012: renovated 2,301sf of wing for new Microbiology Lab and support spaces. Included addition of 467sf mechanical rm, relocated AHU127, installed new return for RF37 for

Components	CRV of Component		% of Component Requiring Repair/Replacement in:				Notes
	%	\$	0-1 Year	1-5 Years	6-10 Years	11+ Years	
Structure	15	\$1,676,432	0	5	5	90	Masonry bearing walls, steel deck for 1999 portion, gypsum deck for 1961 portion, steel joists. 2012 467sf mechanical room addition, masonry bearing wall, steel joist and metal roof deck.
Roof	5	\$558,811	0	80	0	20	1990 reroofed. 1999 new roof installed on 60% of wing. 2007 East 1/3 portion roof, metal coping, insulation installed. 2009 replaced 5,402 sq ft of roofing, metal coping & insulation. 2012 mechanical room addition new pvc roof.
Glazing	5	\$558,811	0	0	5	95	All replaced in 1999. 2012 new aluminum frame and glass system installed in C119. 2016: replaced failed insulated glass roof and wall panels.
Cladding	5	\$558,811	0	5	5	90	Brick is in good shape. 2007 cement plaster repaired & resurfaced on South face of the wing. 2012 new brick walls installed around mechanical room.
HVAC Equipment	15	\$1,676,432	0	0	5	95	2004: HV-12 replaced. 2012: AHU37 relocated, new RF37 installed including duct work to greenhouse.
HVAC Terminal Units	10	\$1,117,621	0	0	20	80	Heat exchanger is in "D" Wing. 2012: Modification made to units in C119, C121, C127 & C129. 2015: new fan coil units added to C101 & C115.
Plumbing	5	\$558,811	0	0	10	90	In 1993, 2 toilet rooms were upgraded to comply with ADA. Some original fixtures remain, with new Sloan valves in 1993. 2012: Plumbing modifications in C119, C121, C127 & C129 for Microbiology area.
Primary	5	\$558,811	10	30	30	40	500 KVA unit substation with circuit breakers. Primary cables are also original.
Secondary	5	\$558,811	0	0	5	95	Almost all new in 1999.
Distribution	5	\$558,811	0	0	5	95	2012: updated in C119, C121, C127 & C129 for new Microbiology area. 2014: Emergency power and lighting upgrades were completed connecting emergency lighting and essential power systems to existing generators.
Lighting	5	\$558,811	0	5	10	85	All newer. 2012: updated in C119, C121, C127 & C129 for new Microbiology area. 2014: Emergency power and lighting upgrades were completed connecting emergency lighting and essential power systems to existing generators.
Voice/Data	5	\$558,811	0	0	0	100	New voice/data fiber optic backbone in 1997. 2012: updated in C119, C121, C127 & C129 for new Microbiology area.
Ceilings	3	\$335,286	0	0	7	93	In 1999, new 2x4 lay-in, some 2x2 in corridors. 2012: updated in C119, C121, C127 & C129 for new Microbiology area.
Walls	2	\$223,524	0	5	10	85	Interior classrm walls are concrete masonry, corridor walls are brick.
Doors	2	\$223,524	0	0	10	90	New doors and hardware in 1999. 2012: updated in C119, C121, C127 & C129 for new Microbiology area.
Floors	3	\$335,286	0	0	10	90	New in 1999. 2012: updated in C119, C121, C127 & C129 for new Microbiology area.
Building, Fire, ADA, OSH	2	\$223,524	0	0	10	90	Fire sprinklers throughout. Generator for emergency lighting in C,D & E. 2012: updated in C119, C121, C127 & C129 for new Microbiology area.
Site Repair, Ext. Light, etc	3	\$335,286	0	0	7	93	

CRV Totals: \$11,176,213 \$55,881 \$765,571 \$929,861 \$9,480,781

First Year Data

\$11,176,213	\$55,881	\$0	0.5%	GOOD
CRV	DMB	EXCESS	FCI	RATING

Five Year Data

\$821,452	\$262,641	7.4%	\$223,524	\$387,815
DMB	EXCESS	FCI	\$/YR MAINTAIN	\$/YR REDUCE

Campus: Main Campus / Core Building**Bldg. No: 04-DWNG****Building: D Wing****Area: 40323sf Yr Built: 1968 Floors:3****Use Types:**

2 % Conference

6 % Classroom

36 % Tunnel

56 % Administration

Notes: Total sf indicated includes addition completed in 1999 (approx 40% of total sf). In the original D Wing, approx 85% remodeled in 1999. 2004: FL1 364 sf reassigned from C Wing; 2005: renovated offices 6717sf. 2006: Recalculated % of use type to reflect '05 renovations. 2007: Condensate pumps affecting 6296sf FLO. 2014: Emergency power and lighting upgrades completed connecting emergency lighting and essential power systems to existing generators. 2015: Steam Coil in MAU36 replaced with hot water

Components	CRV of Component		% of Component Requiring Repair/Replacement in:				Notes
	%	\$	0-1 Year	1-5 Years	6-10 Years	11+ Years	
Structure	15	\$1,789,011	0	10	10	80	Masonry bearing walls, steel joists, gypsum deck in 1961 portion, steel deck in 1999 portion. Watch south wall for possible structural movement.
Roof	5	\$596,337	0	25	0	75	Re-roofed in 1990. 2007 roof over parts of D101/102 replaced metal coping & insulation. 2009 replaced 15,854 sq ft of roofing metal coping & insulation.
Glazing	5	\$596,337	0	0	10	90	All new in 1999.
Cladding	5	\$596,337	0	10	10	80	Brick is ok. Cement plaster panels are cracking.
HVAC Equipment	15	\$1,789,011	0	0	0	100	2006 replaced condensate tank & pumps to increase holding capacity. 2015: steam coil in MAU36 replaced with new hot water coil, heat exchanger, pumps, etc.
HVAC Terminal Units	10	\$1,192,674	0	0	10	90	
Plumbing	5	\$596,337	0	5	15	80	Roof overflow drains need to be upgraded.
Primary	5	\$596,337	0	0	5	95	1000 KVA unit substation in 1999 with switch and fuses.
Secondary	5	\$596,337	0	0	5	95	New in 1999.
Distribution	5	\$596,337	0	0	5	95	New in 1999. 2014: Emergency power and lighting upgrades were completed connecting emergency lighting and essential power systems to existing generators.
Lighting	5	\$596,337	0	5	15	80	All new in 1999, partial upgrades in 2004 renovation. 2014: Emergency power and lighting upgrades were completed connecting emergency lighting and essential power systems to existing generators.
Voice/Data	5	\$596,337	0	0	0	100	New voice/data fiber optic backbone in 1997.
Ceilings	3	\$357,802	0	0	5	95	All new in 1999.
Walls	2	\$238,535	0	5	20	75	Office areas are metal studs and drywall. Classrooms are concrete block, corridors are brick. All good condition.
Doors	2	\$238,535	0	0	10	90	All new in 1999.
Floors	3	\$357,802	0	0	10	90	All new in 1999.
Building, Fire, ADA, OSH	2	\$238,535	0	0	10	90	Fire sprinklers throughout. Generator for emergency lighting in C, D, and E.
Site Repair, Ext. Light, etc	3	\$357,802	0	0	10	90	

CRV Totals: \$11,926,737 \$0 \$459,179 \$870,652 \$10,596,906

First Year Data

\$11,926,737	\$0	\$0	0.0%	GOOD
CRV	DMB	EXCESS	FCI	RATING

Five Year Data

\$459,179	\$0	3.9%	\$238,535	\$330,371
DMB	EXCESS	FCI	\$/YR MAINTAIN	\$/YR REDUCE

Campus: Main Campus / Core Building

Bldg. No: 05-EWNG

Building: E Wing

Area: 28392sf **Yr Built:** 1961 **Floors:** 2

Use Types:

25 % Classroom

75 % Lab

Notes: Total square footage includes 1971 addition accounting for approx 20% of tsf and 1999 addition accounting for approx 15% of tsf. During 1999 addition, approx 90% of the 1961 and 1971 portions were remodeled; 2005: FLO Mechanical--replaced AHU-12 and related systems, 3009sf. 2014: Emergency power and lighting upgrades completed connecting emergency lighting and essential power systems to existing generators.

Components	CRV of Component		% of Component Requiring Repair/Replacement in:				Notes
	%	\$	0-1 Year	1-5 Years	6-10 Years	11+ Years	
Structure	15	\$1,188,205	0	0	5	95	Masonry bearing walls, steel joists, gypsum deck at older portions, steel deck in 1999 addition.
Roof	5	\$396,068	0	30	0	70	75% new in 1988-leaks around vent penetrations, etc. 25% new in 1999. 2007 106sf new roof, metal coping, & insulation. 2009 replaced 19,237 sq ft of roofing, coping & insulation.
Glazing	5	\$396,068	0	0	10	90	All new in 1999.
Cladding	5	\$396,068	0	0	10	90	Brick ok.
HVAC Equipment	15	\$1,188,205	0	0	5	95	1992 new
HVAC Terminal Units	10	\$792,137	0	0	20	80	
Plumbing	5	\$396,068	0	5	15	80	Roof overflow drainings need to be upgraded.
Primary	5	\$396,068	0	10	30	60	500 KVA unit substation - 1961 - with circuit breakers and primary switches and original primary cables.
Secondary	5	\$396,068	0	0	5	95	
Distribution	5	\$396,068	0	0	5	95	2014: Emergency power and lighting upgrades were completed connecting emergency lighting and essential power systems to existing generators.
Lighting	5	\$396,068	0	0	5	95	2014: Emergency power and lighting upgrades were completed connecting emergency lighting and essential power systems to existing generators.
Voice/Data	5	\$396,068	0	0	0	100	New voice/data fiber optic backbone in 1997.
Ceilings	3	\$237,641	0	0	5	95	All new in 1999.
Walls	2	\$158,427	0	5	5	90	Mostly brick and block. Some metal studs with gypsum board.
Doors	2	\$158,427	0	0	5	95	All new doors and hardware in 1999.
Floors	3	\$237,641	0	0	5	95	All new in 1999.
Building, Fire, ADA, OSH	2	\$158,427	0	0	0	100	Fire sprinklers, strobes and emergency lighting throughout.
Site Repair, Ext. Light, etc	3	\$237,641	0	0	5	95	

CRV Totals: \$7,921,368 \$0 \$186,152 \$645,591 \$7,089,624

First Year Data

\$7,921,368	\$0	\$0	0.0%	GOOD
CRV	DMB	EXCESS	FCI	RATING

Five Year Data

\$186,152	\$0	2.4%	\$158,427	\$195,658
DMB	EXCESS	FCI	\$/YR MAINTAIN	\$/YR REDUCE

Campus: Main Campus / Core Building**Bldg. No: 06-FWNG****Building: F Wing (Health Professions)****Area: 93387sf Yr Built: 1978 Floors:3****Use Types:**

5 % Maintenance

47 % Lab

48 % Classroom

Notes: 1999 new exterior envelope including brick , glazing, roofing; 2004: SF adjusted to match GASB. 2013: Complete building renovation, 87,825sf, small lobby/elevator addition, 1,903sf and installation of emergency generator; 2014: final project enhancements completed.

Components	CRV of Component		% of Component Requiring Repair/Replacement in:				Notes
	%	\$	0-1 Year	1-5 Years	6-10 Years	11+ Years	
Structure	15	\$3,690,421	0	0	0	100	Steel frame-condition ok. Poured in place basement/foundation walls-condition ok. 2013: complete building renovation. New foundations and structure added for addition. Steel and concrete bridge over areaway replaced.
Roof	5	\$1,230,140	0	100	0	0	New in 1999. 2013: new roofing installed on addition. 2019 - Roofing repaired \$100K
Glazing	5	\$1,230,140	0	0	5	95	New in 1999. 2013: new glazing added at addition.
Cladding	5	\$1,230,140	0	0	5	95	New flashing and brick in 1999. 2013: new stone work at addition
HVAC Equipment	15	\$3,690,421	0	0	0	100	HV-23 & HV-24 need to be replaced. 2013: mechanical system was completely replaced including new AHU's, Heat recovery unit, heat exchangers, etc.
HVAC Terminal Units	10	\$2,460,281	0	0	0	100	Distribution systems are failing. 2013: HVAC completely replaced, new duct work and VAV boxes
Plumbing	5	\$1,230,140	0	0	5	95	Original plumbing fixtures, not ADA compliant. 2013: all plumbing fixtures replaced and most of the piping also replaced
Primary	5	\$1,230,140	0	0	20	80	1000 KVA unit substation - 1978 - with switch and fuses. Primary cables 1978. 2013: updates included in renovation to secondary side of switchgear.
Secondary	5	\$1,230,140	0	0	5	95	Original 1978. 2013: updates included in renovation to secondary side of switchgear including new 480 to 120/208 volt substation.
Distribution	5	\$1,230,140	0	0	0	100	Original 1978. 2013: new power distribution installed as part of renovation
Lighting	5	\$1,230,140	0	0	0	100	New ballasts in 1994. 2013: 100% new lighting installed as part of renovation.
Voice/Data	5	\$1,230,140	0	0	0	100	New voice/data fiber optic backbone in 1997. 2013: 100% new voice/data wiring installed from IDF to outlets.
Ceilings	3	\$738,084	0	0	0	100	Original lay-in (1978) 2x2 and 2x4. 2013: 100% new ceilings installed as part of renovation.
Walls	2	\$492,056	0	0	5	95	Masonry corridors and classrooms are ok. Gypsum board offices are ok. Vinyl covered wall panels need replacement. Particle bd toilet partitions require much maintenance. 2013: all wall either replaced or cleaned as part of renovation.
Doors	2	\$492,056	0	0	0	100	Mortise lock mechanism reads thru on face of door. Hardware requires much maintenance. Not ADA compliant. In this wing, doors are 8 ft high. 2013: All doors and hardware replaced as part of renovation.
Floors	3	\$738,084	0	0	0	100	Original tile and carpet - ok condition. Some new carpet in 1992. Rubber stair treads are deteriorating. 2013: all flooring replaced as part of renovation.
Building, Fire, ADA, OSH	2	\$492,056	0	0	0	100	Fire sprinklers throughout. Elevator not ADA compliant. Original emergency lighting inverter is disconnected. Emergency lights with battery packs in some, but not all areas. 2013: entire building brought up to current code as part of renovation. New emergency generator installed as part of the F & P Wings Emergency Power project to coordinate with new emergency essential power distribution system within the building
Site Repair, Ext. Light, etc	3	\$738,084	0	0	0	100	2013: New rainwater harvesting system, storm water detention system, landscaping, site lighting upgraded as part of renovation

CRV Totals: \$24,602,805 \$0 \$1,230,140 \$516,659 \$22,856,006

First Year Data

\$24,602,805	\$0	\$0	0.0%	GOOD
CRV	DMB	EXCESS	FCI	RATING

Five Year Data

\$1,230,140	\$0	5.0%	\$492,056	\$738,084
DMB	EXCESS	FCI	\$/YR MAINTAIN	\$/YR REDUCE

Campus: Main Campus / Core Building

Bldg. No: 07-GWNG

Building: G Wing

Area: 20698sf **Yr Built:** 1961 **Floors:**2

Use Types:

14 % Classroom
38 % Auditorium
48 % Administration

Notes: 1970 addition of administrative offices accounts for approx 60% of tsf. 2004: Renovated 17735 sf (FL1 10265sf theatre seating, flooring, curtains, walls and admin/faculty offices;FL2 7470sf theatre ceiling and admin/faculty offices) 2012: installed new insulation and pvc roofing, refinished cement plaster fascia and soffits. 2014: Emergency power and lighting upgrades were completed connecting emergency lighting and essential power systems to existing generators serving the three first floor classrooms and adjacent corridor. 2015: Emergency lighting and power was completed for the rest of the area.

Components	CRV of Component		% of Component Requiring Repair/Replacement in:				Notes
	%	\$	0-1 Year	1-5 Years	6-10 Years	11+ Years	
Structure	20	\$968,501	0	0	5	95	Masonry bearing walls. Steel joists.
Roof	5	\$242,125	0	0	0	100	EPDM over old BUR in 1990. 2012: installed new insulation and PVC roof.
Glazing	1	\$48,425	0	50	45	5	New glazing in 3 classrooms in 1999.
Cladding	6	\$290,550	0	5	10	85	Brick is ok. Cement plaster soffit is cracking. 2012: repaired and resurfaced cement plaster fascia and soffit.
HVAC Equipment	14	\$677,951	0	0	0	100	HV-6, HV-21 replaced in 2017/2018.
HVAC Terminal Units	10	\$484,250	0	0	50	50	Steam
Plumbing	5	\$242,125	0	10	0	90	2004 new toilet rooms
Primary	0	\$0	0	0	0	0	Fed from unit substation in H Wing
Secondary	5	\$242,125	0	10	20	70	Vintage 1970
Distribution	6	\$290,550	0	10	30	60	Vintage 1970 2014: Emergency power and lighting upgrades were completed connecting emergency lighting and essential power systems to existing generators serving the three first floor classrooms and adjacent corridor. 2015: Emergency lighting and power was completed for the rest of the area.
Lighting	7	\$338,975	0	0	0	100	Original fixtures with upgraded ballasts. 2009 installed new theatre stage lighting system. 2014: Emergency power and lighting upgrades were completed connecting emergency lighting and essential power systems to existing generators serving the three first floor classrooms and adjacent corridor. 2015: Emergency lighting and power was completed for the rest of the area.
Voice/Data	5	\$242,125	0	0	0	100	New voice/data fiber optic backbone in 1997.
Ceilings	3	\$145,275	0	0	0	100	Original 2x2 lay-in is in moderate condition. Plaster in lecture room has a lot of cracking (previous roofing problems).
Walls	3	\$145,275	0	0	0	100	Masonry and plaster in good condition. Needs some painting.
Doors	2	\$96,850	0	0	0	100	New doors in 3 upper level classrooms in 1999, remaining doors and hardware are original without ADA compliant hardware. 2016: replaced South entry doors and frames and added second set of doors to create a vestibule.
Floors	3	\$145,275	0	0	0	100	Carpet needs replacement. Tile in lecture room is ok.
Building, Fire, ADA, OSH	2	\$96,850	0	0	0	100	No fire sprinklers except in 3 upper level classrooms. No wheelchair seating in lecture room. Outside entry does not meet ADA. Emergency lighting is minimal. 2016: replaced all handrails and guardrails in stairways to current code.
Site Repair, Ext. Light, etc	3	\$145,275	0	0	0	100	2008: east parking lot expanded to south.

CRV Totals: \$4,842,504 \$0 \$116,220 \$476,987 \$4,249,297

First Year Data

\$4,842,504	\$0	\$0	0.0%	GOOD
CRV	DMB	EXCESS	FCI	RATING

Five Year Data

\$116,220	\$0	2.4%	\$96,850	\$120,094
DMB	EXCESS	FCI	\$/YR MAINTAIN	\$/YR REDUCE

Campus: Main Campus / Core Building

Bldg. No: 08-HWNG

Building: H Wing

Area: 11630sf **Yr Built:** 1961 **Floors:** 2

Use Types:

11 % Conference
27 % Tunnel
62 % Administration

Notes: 2004: Renovated FLO 3157sf (160sf DTV mechanical, 2997sf HVAC upgrade); 2006 Transfer 267sf from A Wing, add 740sf new; deleted classroom use, added tunnel & conference use types. 2012: WARN project generator installed to provide backup power to QTV and Data Center. 2015: Emergency power and lighting upgrades were completed connecting emergency lighting and essential power systems to existing generators.

Components	CRV of Component		% of Component Requiring Repair/Replacement in:				Notes
	%	\$	0-1 Year	1-5 Years	6-10 Years	11+ Years	
Structure	15	\$483,384	0	0	10	90	Steel joists, masonry bearing walls.
Roof	5	\$161,128	0	0	0	100	2005 new.
Glazing	5	\$161,128	0	0	0	100	2005 new.
Cladding	5	\$161,128	0	0	5	95	Brick ok. Cement plaster soffits repaired in 2005.
HVAC Equipment	20	\$644,511	0	0	0	100	2005 new.
HVAC Terminal Units	5	\$161,128	0	0	0	100	2005 new.
Plumbing	5	\$161,128	0	0	10	90	Toilet rooms upgraded to comply with ADA in 1999.
Primary	5	\$161,128	0	0	10	90	500 KVA unit substation - 1961 - with circuit breakers. 2003 primary cable to S Wing installed.
Secondary	5	\$161,128	0	0	10	90	
Distribution	5	\$161,128	0	0	10	90	2015: Emergency power and lighting upgrades were completed connecting emergency lighting and essential power systems to existing generators.
Lighting	5	\$161,128	0	0	5	95	New in 1999 for upper level classrooms. Remainder new in 2005. 2015: Emergency power and lighting upgrades were completed connecting emergency lighting and essential power systems to existing generators.
Voice/Data	5	\$161,128	0	0	5	95	New voice/data fiber optic backbone in 1997. Upgraded in 2005 renovation.
Ceilings	3	\$96,677	0	0	5	95	2005 new.
Walls	2	\$64,451	0	0	10	90	Walls are masonry, except 1999 & 2005 office renovation area has gypsum board walls.
Doors	2	\$64,451	0	0	0	100	
Floors	3	\$96,677	0	0	0	100	2005 new flooring.
Building, Fire, ADA, OSH	2	\$64,451	0	0	0	100	2005 fire sprinklers & emergency lighting.
Site Repair, Ext. Light, etc	3	\$96,677	0	0	5	95	2005 walks & site upgades. 2013: East parking lot completely upgraded including new LED lights.

CRV Totals: \$3,222,557 \$0 \$0 \$153,071 \$3,069,485

First Year Data

\$3,222,557	\$0	\$0	0.0%	GOOD
CRV	DMB	EXCESS	FCI	RATING

Five Year Data

\$0	\$0	0.0%	\$64,451	\$64,451
DMB	EXCESS	FCI	\$/YR MAINTAIN	\$/YR REDUCE

Campus: Main Campus / Core Building

Bldg. No: 09-JWNG

Building: J Wing

Area: 27156sf **Yr Built:** 1962 **Floors:** 2

Use Types:

21 % Tunnel
24 % Administration
55 % Classroom

Notes: 2000: Handicap accessibility difficult to achieve due to varied floor levels. 2004: SF adjusted to match GASB. 2006: Transferred 295sf from A Wing, deduct 13sf for recessed entrance, changed % use type to include Mechanical/Tunnel. 2007: Return air grills enlarged to reduce noise level t/o 27142sf 2015: Emergency power and lighting upgrades were completed connecting emergency lighting and essential power systems to existing generators.

Components	CRV of Component		% of Component Requiring Repair/Replacement in:				Notes
	%	\$	0-1 Year	1-5 Years	6-10 Years	11+ Years	
Structure	18	\$1,362,308	0	0	0	100	Steel joists and frame. Masonry bearing walls.
Roof	5	\$378,419	0	0	0	100	Most was re-roofed in 1988. No major problems, but some minor membrane shrinkage.
Glazing	7	\$529,786	0	0	0	100	2005 new.
Cladding	5	\$378,419	0	0	5	95	Brick is ok. 2005 cement plaster repaired.
HVAC Equipment	15	\$1,135,257	0	0	0	100	2005 new.
HVAC Terminal Units	10	\$756,838	0	0	5	95	2005 new. 2006 Return air grills enlarged to reduce noise level.
Plumbing	5	\$378,419	0	0	5	95	2005 upgraded.
Primary	0	\$0	0	0	0	0	
Secondary	5	\$378,419	0	0	0	100	2005 upgraded.
Distribution	5	\$378,419	0	0	0	100	2015: Emergency power and lighting upgrades were completed connecting emergency lighting and essential power systems to existing generators.
Lighting	5	\$378,419	0	0	0	100	2005 new. 2015: Emergency power and lighting upgrades were completed connecting emergency lighting and essential power systems to existing generators.
Voice/Data	5	\$378,419	0	0	0	100	2005 upgraded.
Ceilings	3	\$227,051	0	0	5	95	Office area that projects into main building circulation corridor was upgraded in 1999. Remainder upgraded in 2005.
Walls	2	\$151,368	0	0	5	95	Mostly brick and block. Gypsum board in 1999 office remodel area.
Doors	2	\$151,368	0	0	0	100	All new in 1999 & 2005.
Floors	3	\$227,051	0	0	0	100	2005 new.
Building, Fire, ADA, OSH	2	\$151,368	0	0	0	100	
Site Repair, Ext. Light, etc	3	\$227,051	0	0	5	95	2005 walks & site upgraded. 2013: East parking lot completely upgraded including new LED lights.

CRV Totals: \$7,568,377 \$0 \$0 \$105,957 \$7,462,420

First Year Data

\$7,568,377	\$0	\$0	0.0%	GOOD
CRV	DMB	EXCESS	FCI	RATING

Five Year Data

\$0	\$0	0.0%	\$151,368	\$151,368
DMB	EXCESS	FCI	\$/YR MAINTAIN	\$/YR REDUCE

Campus: Main Campus / Core Building

Bldg. No: 10-KWNG

Building: K Wing

Area: 16247sf **Yr Built:** 1961 **Floors:**2

Use Types:

100% Classroom

Notes: 1990: A/C unit ventilators added. 1999: New paint and carpet. 2004: SF adjusted to match GASB. 2012: installed new insulation and pvc roofing, refinished cement plaster fascia and soffits. 2015: Emergency power and lighting upgrades were completed connecting emergency lighting and essential power systems to existing generators. 2016: East and South entry doors and frames replaced, new set of doors added to East entry vestibule.

Components	CRV of Component		% of Component Requiring Repair/Replacement in:				Notes
	%	\$	0-1 Year	1-5 Years	6-10 Years	11+ Years	
Structure	15	\$606,825	0	0	0	100	Steel joists. Masonry bearing walls.
Roof	5	\$202,275	0	0	0	100	Re-roofed in 1988. 2012: installed new insulation and PVC roof.
Glazing	5	\$202,275	90	10	0	0	All are original 1961 windows. Not very good condition.
Cladding	5	\$202,275	5	5	5	85	Brick is ok. Cement plaster is cracking. 2012: repaired and resurfaced cement plaster fascia and soffit.
HVAC Equipment	23	\$930,466	50	50	0	0	HV-9 needs replacement. 1990 unit ventilators replaced. AHU9 replaced in 2005.
HVAC Terminal Units	10	\$404,550	100	0	0	0	Lots of complaints due to poor air distribution.
Plumbing	5	\$202,275	0	0	10	90	Toilet rooms upgraded to comply with ADA in 1999.
Primary	5	\$202,275	0	10	30	60	500 KVA unit substation - 1959 - with circuit breakers.
Secondary	5	\$202,275	0	30	30	40	Some newer equipment. Some vintage 1959.
Distribution	5	\$202,275	0	70	30	0	Some new. Some vintage 1959. 2015: Emergency power and lighting upgrades were completed connecting emergency lighting and essential power systems to existing generators.
Lighting	5	\$202,275	20	80	0	0	Mostly original fixtures with updated ballasts. 2015: Emergency power and lighting upgrades were completed connecting emergency lighting and essential power systems to existing generators.
Voice/Data	5	\$202,275	0	0	0	100	New voice/data fiber optic backbone in 1997.
Ceilings	3	\$121,365	90	10	0	0	Ceiling tile adhered on plaster except one room which has been updated.
Walls	2	\$80,910	0	50	30	20	Brick and block is in good condition. Could be painted
Doors	2	\$80,910	75	15	0	10	Original doors and hardware need replacement. Hardware is not ADA compliant. 2016: East and South entry doors and frames were replaced and new set of doors were added to East entry to create a vestibule.
Floors	3	\$121,365	0	100	0	0	New carpet in 1999.. Carpet being replaced on a one-off basis but has issues due to unit ventilators.
Building, Fire, ADA, OSH	2	\$80,910	20	75	5	0	No fire sprinklers. No emergency lighting.
Site Repair, Ext. Light, etc	3	\$121,365	0	5	15	80	Sidewalks are fair. 2013: East parking lot completely upgraded including new LED lights.

CRV Totals: \$4,045,503 \$1,288,493 \$1,132,741 \$258,912 \$1,688,998

First Year Data

\$4,045,503	\$1,288,493	\$1,086,218	31.9%	POOR
CRV	DMB	EXCESS	FCI	RATING

Five Year Data

\$2,421,234	\$2,218,958	59.9%	\$80,910	\$565,157
DMB	EXCESS	FCI	\$/YR MAINTAIN	\$/YR REDUCE

Campus: Main Campus / Core Building

Bldg. No: 11-LWNG

Building: L Wing

Area: 35072sf **Yr Built:** 1961 **Floors:** 2

Use Types:

12 % Power House / Mechanic

88 % VocTech

Notes: 2000: Total sf includes 1964 addition of approximately 58%. 2004: RII A added new VocTech space 7252sf (35%), renovated 23606sf, Midland Industry Education Ctr & Buena Vista campus center operations and X Bldg Auto Service moved into L/M wings. 2011: 12,079sf renovated, classrooms, Motion Control Lab, Materials Lab, CNC & Machine Tool Lab, Fabrication Lab and Tool Room. Total cost \$247,206.90. 2015: 7,149sf renovated for CCSTEP project. L105 Computer Lab, L147 Instrument Lab

Components	CRV of Component		% of Component Requiring Repair/Replacement in:				Notes
	%	\$	0-1 Year	1-5 Years	6-10 Years	11+ Years	
Structure	17	\$1,696,377	0	0	5	95	Steel joists. Masonry bearing walls. 2000 & 2004 additions - steelframe, steel joists
Roof	5	\$498,934	0	0	100	0	2003 GAF reinforced PVC roof
Glazing	5	\$498,934	0	0	5	95	2004 new
Cladding	5	\$498,934	0	10	0	90	Brick ok. Original bldg cement plaster fascia/soffits poor condition. Cement plaster repaired in 2003 & 2005.
HVAC Equipment	20	\$1,995,737	0	0	5	95	New AHU's & ductwork in 2003.
HVAC Terminal Units	5	\$498,934	0	0	5	95	2003 Changed to VAV system. 2015 modified in L105, L117, L125 & L129 as part of CCSTEP project. 2016: additional VAV box was added for L105 computer lab.
Plumbing	5	\$498,934	0	5	10	85	Toilets upgraded in 1993. Main sump pumps for the north end of the building are in the lower level of L Wing - circa 1990.
Primary	5	\$498,934	0	10	30	60	1961 750 KVA unit substation w/circuit breakers. Original primary feeders.
Secondary	5	\$498,934	0	0	10	90	2004 new
Distribution	5	\$498,934	0	0	5	95	2004 new, 2015 power distribution modified in L105, L117, L125 & L129 as part of CCSTEP project. 2016: Emergency power and lighting upgrades were completed connecting emergency lighting and essential power systems to new generator behind Zwing (Powerhouse).
Lighting	5	\$498,934	0	0	5	95	2004 new, 2015 new LED lighting installed in L105, L117, L125 & L129 as part of CCSTEP project. 2016: Emergency power and lighting upgrades were completed connecting emergency lighting and essential power systems to new generator behind Zwing (Powerhouse).
Voice/Data	5	\$498,934	0	0	0	100	1997 & 200r new voice/data fiber optic backbone.
Ceilings	3	\$299,361	0	0	0	100	2004 new, 2015 new ceiling installed in L105 as part of CCSTEP project
Walls	2	\$199,574	0	5	5	95	Brick and block. 2015 new interior walls installed in L105, L117, L125 & L129 as part of CCSTEP project.
Doors	2	\$199,574	0	5	5	90	2000 & 2004 new
Floors	1	\$99,787	0	5	5	90	2004 new 2015 new carpeting installed in L105, and floors painted in L117, L125 & L129 as part of CCSTEP project
Building, Fire, ADA, OSH	2	\$199,574	0	0	0	100	2004 new
Site Repair, Ext. Light, etc	3	\$299,361	0	0	5	95	2013: East parking lot completely upgraded including new LED lights.

CRV Totals: \$9,978,685 \$0 \$149,680 \$1,072,709 \$8,766,275

First Year Data

\$9,978,685	\$0	\$0	0.0%	GOOD
CRV	DMB	EXCESS	FCI	RATING

Five Year Data

\$149,680	\$0	1.5%	\$199,574	\$229,510
DMB	EXCESS	FCI	\$/YR MAINTAIN	\$/YR REDUCE

Campus: Main Campus / Core Building**Bldg. No: 12-MWNG****Building: M Wing****Area: 70799sf Yr Built: 1968 Floors:3****Use Types:**

4 % Administration

4 % Maintenance

10 % Power House / Mechanic

82 % VocTech

Notes: 2003: 78% new roof. 2004: RII A; added new space 58709sf (45953sf voctech, 6743sf mechanical, 3263sf maintenance, 2750sf offices), renovated 12090sf. Reassigned FL0 1183sf and FL1 772sf as P Wing. Campus center operations from Midland Industry Education Ctr and Buena Vista and Auto Service from X-Bldg moved into L/M wings. 2007: 70799sf FL3 renovated w/installation of roof mounted solar array panels. 2010: revised Auto Lab Ventilation system. \$186,482.88 total project cost.

Components	CRV of Component		% of Component Requiring Repair/Replacement in:				Notes
	%	\$	0-1 Year	1-5 Years	6-10 Years	11+ Years	
Structure	16	\$3,078,680	0	0	5	95	Steel joists & deck. Masonry bearing walls. 2004 steel frame & joist additions.
Roof	5	\$962,088	0	0	0	100	1990 Reroofed. 2003 new roof in new space. 2006 Roof top solar array panels installed. 2012: installed new insulation and PVC roof over 1967 portion of wing.
Glazing	3	\$577,253	0	0	50	50	Original single pane glazing.
Cladding	9	\$1,731,758	0	0	10	90	Brick in good condition. Original bldg cement plaster soffit/fascia bad condition. 2012: repaired and resurfaced cement plaster fascia and soffit at 1967 portion of wing.
HVAC Equipment	15	\$2,886,263	60	25	0	15	2010 revised AHU 38 & 40 from 100% make up air units, installed return air system and CO2 sensors. Unit is in rough shape and has had several coil repairs. Heat exchanger is unreachable and original from 1967.
HVAC Terminal Units	10	\$1,924,175	45	10	0	45	1991 VAV Boxes and Air handler. System has been modified and needs to be re-sized
Plumbing	5	\$962,088	0	0	5	95	
Primary	7	\$1,346,923	0	0	0	100	
Secondary	5	\$962,088	0	0	5	95	
Distribution	5	\$962,088	0	0	5	95	2016: Emergency power and lighting upgrades were completed connecting emergency lighting and essential power systems to new generator behind Zwing (Powerhouse).
Lighting	5	\$962,088	0	0	5	95	2016: Emergency power and lighting upgrades were completed connecting emergency lighting and essential power systems to new generator behind Zwing (Powerhouse).
Voice/Data	2	\$384,835	0	0	0	100	1997 & 2004 new voice/data fiber optic backbone.
Ceilings	1	\$192,418	0	0	5	95	
Walls	3	\$577,253	0	0	5	95	
Doors	2	\$384,835	0	5	0	95	Original doors & hardware need replacement. Hardware not compliant w/ADA in 1967 bldg.
Floors	2	\$384,835	0	5	0	95	New flooring installed in 1990 or 1997 bldg. 2004 new.
Building, Fire, ADA, OSH	2	\$384,835	0	0	0	100	
Site Repair, Ext. Light, etc	3	\$577,253	0	0	5	95	2013: East parking lot completely upgraded including new LED lights.

CRV Totals: \$19,241,752 \$2,597,637 \$952,467 \$875,500 \$14,816,149

First Year Data

\$19,241,752	\$2,597,637	\$1,635,549	13.5%	POOR
CRV	DMB	EXCESS	FCI	RATING

Five Year Data

\$3,550,103	\$2,588,016	18.5%	\$384,835	\$1,094,856
DMB	EXCESS	FCI	\$/YR MAINTAIN	\$/YR REDUCE

Campus: Main Campus / Core Building

Bldg. No: 13-NWNG

Building: N Wing

Area: 126073sf **Yr Built:** 1961 **Floors:** 4

Use Types:

- 2 % Storage
- 2 % VocTech
- 2 % Lab
- 6 % Power House / Mechanic
- 6 % Classroom
- 7 % Kitchen/Food Service
- 27 % Student Union
- 48 % Athletic

Notes: 2000: upper level bleachers operational but do not comply w/current safety standards for footboards, etc. 2004: RII B; readjustment of original bldg sf deducted 263sf; reassigned FL0 157sf and FL1 6417sf from A to N Wing for install of new elevator; demolished & reassigned 20531sf from N to P Wing; added new space of 657; renovated 107287sf. 2013: East and West Entrance Vestibules project added 833sf and renovated 32sf. 2015: Emergency power and lighting upgrades completed.

Components	CRV of Component		% of Component Requiring Repair/Replacement in:				Notes
	%	\$	0-1 Year	1-5 Years	6-10 Years	11+ Years	
Structure	16	\$5,137,929	0	0	5	95	Steel frame. Concrete pan joist floors, roof steel framing.
Roof	5	\$1,605,603	0	0	100	0	2003 new reinforced PVC.
Glazing	2	\$642,241	0	0	0	100	1997 Main level east, west, south replaced. 2004 north side upper floor glazing replaced. 2013: new vestibules installed at East and West entrances
Cladding	8	\$2,568,964	0	0	5	95	New brick block at upper gym walls.
HVAC Equipment	18	\$5,780,170	0	0	5	95	
HVAC Terminal Units	10	\$3,211,205	0	0	5	95	
Plumbing	6	\$1,926,723	0	0	5	95	
Primary	0	\$0	0	0	0	0	
Secondary	5	\$1,605,603	0	0	5	95	
Distribution	5	\$1,605,603	0	0	5	95	2015: Emergency power and lighting upgrades were completed connecting emergency lighting and essential power systems to existing generators.
Lighting	6	\$1,926,723	0	0	10	90	2015: Emergency power and lighting upgrades were completed connecting emergency lighting and essential power systems to existing generators. 2016: new LED lighting installed in N007.
Voice/Data	4	\$1,284,482	0	0	0	100	1997 & 2004 new voice/data fiber optic backbone. 2016: new AV system installed in N007 and sound system upgraded for entire Commons.
Ceilings	3	\$963,362	0	0	5	95	2016: new ceiling in N007
Walls	3	\$963,362	0	0	5	95	2007 upgrades for new point of sale system, modified casework for new service station layout.
Doors	2	\$642,241	0	0	5	95	1999 doors connecting to main corridor new. 2004 most remaining doors are new. 2016: new doors on Commons side of N007.
Floors	4	\$1,284,482	0	0	5	95	1990 gym wood floor ok. 1990 classroom & corridor vinyl ok. 2016: new carpeting installed in Commons and N007.
Building, Fire, ADA, OSH	3	\$963,362	0	0	0	100	2004 new elevator and modernized existing elevator. 2016: upgraded handrails and guardrails in all stairways to current code.
Site Repair, Ext. Light, etc	3	\$963,362	0	0	5	95	2013: East parking lot completely upgraded including new LED lights.

CRV Totals: \$32,112,054 \$0 \$0 \$3,130,925 \$29,944,490

First Year Data

\$32,112,054	\$0	\$0	0.0%	GOOD
CRV	DMB	EXCESS	FCI	RATING

Five Year Data

\$0	\$0	0.0%	\$642,241	\$642,241
DMB	EXCESS	FCI	\$/YR MAINTAIN	\$/YR REDUCE

Campus: Main Campus / Core Building

Bldg. No: 14-PWNG

Building: P Wing

Area: 117702sf **Yr Built:** 1979 **Floors:**3

Use Types:

- 3 % Storage
- 3 % VocTech
- 3 % Classroom
- 6 % Administration
- 12 % Pool
- 12 % Power House / Mechanic
- 16 % Maintenance
- 45 % Athletic

Notes: 2004: RII B; NEW SPACE total 32834sf (FL0 reassigned 20531sf from N, 1183sf from M, new addition 14607sf; FL1 reassigned 772sf from M, 31626sf from N, new addition 16922sf; FL2 N Wing renamed as P Wing, new space 1305sf, reassigned 30756sf from N wing); RENOVATED total 84868sf (FL0 reassigned 20531sf from N, 1183sf from M; FL1 reassigned 772sf from M, 31626sf from N; FL2 reassigned 30756sf from N wing). 2013: F & P Wings Emergency Power project connected all life safety

Components	CRV of Component		% of Component Requiring Repair/Replacement in:				Notes
	%	\$	0-1 Year	1-5 Years	6-10 Years	11+ Years	
Structure	17	\$5,566,999	0	0	5	95	Steel structure. For the purposes of this database, the structure of the actual pool walls is included in this category.
Roof	4	\$1,309,882	0	0	100	0	2004 new roof
Glazing	2	\$654,941	0	0	0	100	2004 new
Cladding	4	\$1,309,882	0	0	0	100	2004 new
HVAC Equipment	17	\$5,566,999	0	0	0	100	
HVAC Terminal Units	10	\$3,274,705	0	0	0	100	
Plumbing	9	\$2,947,235	0	80	10	10	For purposes of database, pool equipment included in this section. 2009 installed new pool & spa heaters. Original units failed and were not covered under warranty. 2019 - filters are cracking, ozone system has failed
Primary	5	\$1,637,353	0	0	10	90	750 KVA unit substation - 1977 - with switch and fuse units.
Secondary	5	\$1,637,353	0	0	20	80	
Distribution	4	\$1,309,882	0	0	5	95	
Lighting	5	\$1,637,353	0	0	5	95	2016: upgraded HID lights in Pool to LED.
Voice/Data	3	\$982,412	0	0	0	100	1997 & 2004 new voice/data fiber optic backbone.
Ceilings	3	\$982,412	0	0	5	95	
Walls	3	\$982,412	0	0	5	95	
Doors	1	\$327,471	0	0	5	95	
Floors	3	\$982,412	0	0	5	95	2004 gym & racketball refinished.
Building, Fire, ADA, OSH	3	\$982,412	0	0	0	100	Fire sprinklers & strobes t/o. Emergency lighting does not work. Battery pack lights added in some areas. Elevator and handrails in stairwell not code compliant. 2013: new generator and automatic transfer switches installed to serve the P Wing a part of the F & P Wings Emergency Power project. This was connected to all of the life safety lighting and essential power systems. 2016: upgraded handrails and guardrails in stairway from Fitness Center to second floor to current code.
Site Repair, Ext. Light, etc	2	\$654,941	0	0	5	95	Sidewalks are poor. Retaining walls on east and west sides are severely cracked and have visibly shifted. 2013: East parking lot completely upgraded including new LED lights.

CRV Totals: \$32,747,050 \$0 \$2,357,788 \$2,718,005 \$27,671,258

First Year Data

\$32,747,050	\$0	\$0	0.0%	GOOD
CRV	DMB	EXCESS	FCI	RATING

Five Year Data

\$2,357,788	\$720,435	7.2%	\$654,941	\$1,126,499
DMB	EXCESS	FCI	\$/YR MAINTAIN	\$/YR REDUCE

Campus: Main Campus / Core Building**Bldg. No: 15-SWNG****Building: S Wing (Fine Arts)****Area: 79545sf Yr Built: 1972 Floors:3****Use Types:**

2 % Maintenance
 18 % Administration
 33 % Classroom
 47 % VocTech

Notes: 2004: RII A; added 609sf by enclosing former exterior walk into interior corridor; renovated 78936sf. 2011: Install water sculpture and pumping system in mechanical room. 2013: Installed ADA lift and enclosed storage area in S131. 2014: Emergency power and lighting upgrades completed connecting emergency lighting and essential power systems to existing generators. 2016: upgraded handrails and guardrails in all stairways to current code.

Components	CRV of Component		% of Component Requiring Repair/Replacement in:				Notes
	%	\$	0-1 Year	1-5 Years	6-10 Years	11+ Years	
Structure	16	\$2,928,147	0	0	10	90	Steel frame, steel joists, concrete floors, metal roof deck.
Roof	4	\$732,037	0	0	100	0	2004 new reinforced PVC.
Glazing	5	\$915,046	0	0	0	100	
Cladding	5	\$915,046	0	0	10	90	Brick condition fair.
HVAC Equipment	15	\$2,745,138	0	100	0	0	HV 22 needs to be replaced
HVAC Terminal Units	10	\$1,830,092	0	0	10	90	
Plumbing	5	\$915,046	0	0	25	75	Storm drains need upgrading.
Primary	5	\$915,046	0	0	20	80	1972 1000 KVA unit substation w/ switch & fuse units. 2004 new feed from H Wing.
Secondary	5	\$915,046	0	5	10	85	Vintage 1972.
Distribution	5	\$915,046	0	5	10	85	Vintage 1972.
Lighting	5	\$915,046	0	0	5	95	New lamps and ballasts.
Voice/Data	5	\$915,046	0	0	0	100	1997 & 2004 new voice/data fiber optic backbone.
Ceilings	3	\$549,028	0	0	5	95	All original in ok condition. Some staining on north side where glazing is leaking. 2003: new ceilings install in most areas.
Walls	2	\$366,018	0	5	10	85	Brick & block.
Doors	2	\$366,018	0	0	5	95	Existing high maintenance, non-ADA compliant hardware should be replaced. Plastic laminate doors are original. 2005: new doors and hardware installed throughout the building.
Floors	2	\$366,018	0	0	5	95	Quarry tile in corridors. Vinyl tile in classrooms. Concrete in art rooms. Small amount of carpet. All in good condition. 2019 - lower level VCT replaced with carpet.
Building, Fire, ADA, OSH	3	\$549,028	0	0	5	95	Fire sprinklers and strobes throughout. 2004 original elevator upgrade to current standard. 2013: installed ADA lift in S131. 2016: upgraded handrails and guardrails in all stairways to current code.
Site Repair, Ext. Light, etc	3	\$549,028	0	0	10	90	
CRV Totals:		\$18,300,918	\$0	\$2,854,943	\$2,122,907	\$13,323,068	

First Year Data

\$18,300,918	\$0	\$0	0.0%	GOOD
CRV	DMB	EXCESS	FCI	RATING

Five Year Data

\$2,854,943	\$1,939,897	15.6%	\$366,018	\$937,007
DMB	EXCESS	FCI	\$/YR MAINTAIN	\$/YR REDUCE

Campus: Main Campus / Core Building

Bldg. No: 16-ZWNG

Building: Z Wing (Powerhouse)

Area: 14066sf **Yr Built:** 1961 **Floors:** 2

Use Types:

100% Power House / Mechanic

Notes: 2000: Total sf includes 1965 Garage addition, approximately 15% of total square footage, and 1987 Cogeneration addition, approximately 5% of total square footage. 2004: adjust original space calculation w/deduction of 2038sf. 2012 Chiller Plant upgraded. 2012: installed new insulation and pvc roofing, refinished cement plaster fascia and soffits. 2014: Installed new natural gas domestic water heaters, circulating pumps, metering and return water balancing valves. 2016: Emergency power and lighting upgrades were completed connecting emergency lighting and essential power systems to new generator behind Zwing (Powerhouse).

Components	CRV of Component		% of Component Requiring Repair/Replacement In:				Notes
	%	\$	0-1 Year	1-5 Years	6-10 Years	11+ Years	
Structure	10	\$1,045,104	0	5	5	90	Steel frame and deck. Masonry bearing walls.
Roof	1	\$104,510	0	0	0	100	1986 portion has original roof. For remainder, EPDM was installed over BUR in 1990. 2012: installed new insulation and PVC roof.
Cladding	2	\$209,021	0	0	5	95	Brick is in good condition. 2012: repaired and resurfaced cement plaster fascia and soffit.
HVAC Equipment	68	\$7,106,706	5	5	10	80	Cogen boiler decommissioned. 1994 new chiller plant installed. 1996 three new boilers installed. 2012: chiller plant upgraded with 2 new chillers, pumps, etc. 2019 Cooling Towers 2&3 re-sealed, fill replaced in CT-2 Replaced Water softening system for 3 boilers. Chiller #2 has a vacuum leak.
Plumbing	1	\$104,510	0	0	10	90	DHW circulation pump needs upgrade. 2014: Installed new natural gas domestic water heaters, circulating pumps, metering and return water balancing valves.
Primary	8	\$836,083	20	10	10	60	Main utility equipment is original. 500 KVA unit substation - 1959 - Z Wing and site lighting. 2500 KVA unit substation - chillers. Cogeneration plant. Primary cables new in 1997 & 2005. 2012: new 3000kva substation added for chiller plant upgrades. 2016: Emergency power and lighting upgrades were completed connecting emergency lighting and essential power systems to new generator behind Zwing (Powerhouse). In addition, the original 1959 500 KVA substation was removed, the loads were added to the 1994 2500 KVA chiller plant substation.
Secondary	2	\$209,021	0	30	40	30	USD's and starters 2016: Emergency power and lighting upgrades were completed connecting emergency lighting and essential power systems to new generator behind Zwing (Powerhouse).
Distribution	1	\$104,510	0	0	10	90	Vintage 1961. Partial upgrades in 1994 & 1996. 2016: Emergency power and lighting upgrades were completed connecting emergency lighting and essential power systems to new generator behind Zwing (Powerhouse).
Lighting	1	\$104,510	0	5	0	95	Mostly metal halide. 2010 lighting replaced with flourescents. 2016: Emergency power and lighting upgrades were completed connecting emergency lighting and essential power systems to new generator behind Zwing (Powerhouse).
Voice/Data	1	\$104,510	0	0	0	100	
Walls	1	\$104,510	0	0	10	90	1% indicated includes all interior walls and finishes.
Doors	1	\$104,510	0	10	10	80	1994 3 new steel doors. Some hollow metal doors need replacement.
Floors	1	\$104,510	0	7	10	83	Concrete floor included in structure
Building, Fire, ADA, OSH	1	\$104,510	0	10	10	80	No fire sprinklers.
Site Repair, Ext. Light, etc	1	\$104,510	0	0	5	95	1990 new controls & 8,000 gallon fiberglass gasoline storage tank in front of Powerhouse. New 20,000 gal heating oil storage tank north of Powerhouse. 2012: new cooling tower and 27 ice tanks added as part of chiller plant upgrades.

CRV Totals: \$10,451,038 \$522,552 \$587,348 \$1,008,525 \$8,332,613

First Year Data

\$10,451,038	\$522,552	\$0	5.0%	FAIR
CRV	DMB	EXCESS	FCI	RATING

Five Year Data

\$1,109,900	\$587,348	10.6%	\$209,021	\$431,001
DMB	EXCESS	FCI	\$/YR MAINTAIN	\$/YR REDUCE

Campus: Main Campus / Off Buildings

Bldg. No: 18-XBDG

Building: Grounds Maintenance

Area: 8400sf **Yr Built:** 1968 **Floors:** 1

Use Types:

100% Maintenance

Notes: Metal Butler building. 2000: Auto Service academic operations. 2004: Auto Service moved to M Wing. Use transferred to Grounds Maintenance. 2014: Total renovation was completed, including structural repairs, new metal siding and roofing, staff offices, storage reconfiguration, HVAC, plumbing and lighting upgrades.

Components	CRV of Component		% of Component Requiring Repair/Replacement in:				Notes
	%	\$	0-1 Year	1-5 Years	6-10 Years	11+ Years	
Structure	22	\$299,376	0	0	0	100	Steel frame. 2014: repairs made to rusted structural members.
Roof	8	\$108,864	0	0	0	100	Roof redone in 1998. 2014: roofing and roof insulation completely replaced.
Glazing	3	\$40,824	0	0	0	100	Single glazing in aluminum frames. 2014: installed new windows.
Cladding	8	\$108,864	0	0	0	100	Metal siding repainted in 1998. Paint stripe is peeling. 2014: metal siding and wall insulation completely replaced.
HVAC Equipment	12	\$163,296	0	0	10	90	Make up air unit installed in 1996. 2014: new unit heaters installed, new HVAC unit installed for staff office area.
HVAC Terminal Units	5	\$68,040	0	0	10	90	2014: new unit heaters installed, new HVAC unit installed for staff office area.
Plumbing	6	\$81,648	0	0	0	100	2014: new plumbing system and fixtures installed in new toilet rooms, new water heater and all new piping.
Primary	5	\$68,040	0	0	20	80	1998 pad mounted transformer.
Secondary	5	\$68,040	0	0	20	80	1998 new panelboards.
Distribution	5	\$68,040	0	0	5	95	Original 2014: new conduit and wiring installed to accommodate renovated areas.
Lighting	5	\$68,040	0	0	0	100	Original fixtures. 2014: new LED lighting installed in garage area, new fluorescent lighting installed in staff office area.
Voice/Data	1	\$13,608	0	0	0	100	2014: minor upgrades to accommodate renovation.
Ceilings	1	\$13,608	0	0	0	100	2x4 lay-in in classroom. Painted structure elsewhere. 2014: new ceilings installed in staff office area, exposed structure repainted in garage areas.
Walls	3	\$40,824	0	0	0	100	1998 walls painted. 2014: entire renovated interior repainted.
Doors	5	\$68,040	0	0	10	90	1990 2 overhead doors replaced - good condition. 2011: new overhead doors. 2014: new service doors and hardware installed.
Floors	0	\$0	0	0	0	0	Concrete floor included in structure. 2014: concrete floors saw cut, removed and patched around old hoists and for new plumbing.
Building, Fire, ADA, OSH	2	\$27,216	0	0	0	100	No fire sprinklers. Some wall packs for emergency lighting, but area is not fully covered. 2014: emergency lighting replaced/upgraded to current code. Restrooms designed to meet ADA.
Site Repair, Ext. Light, etc	4	\$54,432	0	0	0	100	Paving fair condition. 2010: paving completely replaced. 2014: new exterior lighting installed.

CRV Totals: \$1,360,800 \$0 \$0 \$60,556 \$1,300,244

First Year Data

\$1,360,800	\$0	\$0	0.0%	GOOD
CRV	DMB	EXCESS	FCI	RATING

Five Year Data

\$0	\$0	0.0%	\$27,216	\$27,216
DMB	EXCESS	FCI	\$/YR MAINTAIN	\$/YR REDUCE

Campus: Main Campus / Off Buildings

Use Types:

Notes: 2004 Former Auto Service Annex 2; Auto Service moved to M Wing. Current use is by Grounds Maintenance.

Bldg. No: 19-XBD2

100% Storage

Building: Grounds Maintenance Storage 2

Area: 1792sf **Yr Built:** 1984 **Floors:** 1

Components	CRV of Component		% of Component Requiring Repair/Replacement in:				Notes
	%	\$	0-1 Year	1-5 Years	6-10 Years	11+ Years	
Structure	40	\$44,442	0	15	10	75	Wood frame pole building. Frost has lifted posts in one corner.
Roof	20	\$22,221	0	100	0	0	Original shingles. Good except for one corner.
Cladding	12	\$13,332	0	0	10	90	Metal siding.
Primary	0	\$0	0	0	0	0	
Distribution	4	\$4,444	0	0	20	80	Original
Lighting	5	\$5,555	0	10	20	70	Original lighting is adequate.
Doors	12	\$13,332	0	10	10	80	One overhead door. Two service doors.
Floors	0	\$0	0	0	0	0	Concrete floors are included in "structure"
Building, Fire, ADA, OSH	2	\$2,222	0	10	20	70	No emergency lighting or fire alarm.
Site Repair, Ext. Light, etc	5	\$5,555	25	25	5	45	Poor condition.

CRV Totals: \$111,104 \$1,389 \$32,387 \$9,833 \$67,496

First Year Data

\$111,104

CRV

\$1,389

DMB

\$0

EXCESS

1.3%

FCI

GOOD

RATING

Five Year Data

\$33,776

DMB

\$28,220

EXCESS

30.4%

FCI

\$2,222

\$/YR MAINTAIN

\$8,977

\$/YR REDUCE

Campus: Main Campus / Off Buildings

Bldg. No: 20-XBD3

Building: Grounds Maintenance Storage 3

Area: 4224sf **Yr Built:** 2009 **Floors:** 1

Use Types:

100% Storage (Pole Building)

Notes: 2009: New Construction, general storage. Wood pole framed building, concrete floor, metal roof & siding, four overhead doors, two service doors, exhaust fan system, general lighting.

Components	CRV of Component		% of Component Requiring Repair/Replacement in:				Notes
	%	\$	0-1 Year	1-5 Years	6-10 Years	11+ Years	
Structure	24	\$42,578	0	0	0	0	Excavation, footing pads, pole barn structure & trusses
Roof	18	\$31,933	0	0	0	0	metal roof, fascia, soffits & gutters
Cladding	10	\$17,741	0	0	0	0	metal siding
HVAC Equipment	14	\$24,837	0	0	0	0	exhaust fan, ductwork & controls
Secondary	2	\$3,548	0	0	0	0	power extended from XBDG
Distribution	2	\$3,548	0	0	0	0	Sq D panel, wiring to overhead door operators, exhaust fan & outlets
Lighting	4	\$7,096	0	0	0	0	fluorescent lighting
Doors	7	\$12,419	0	0	0	0	3 - 16'x12' overhead doors, 2 - 3'x7' hollow metal doors & frames
Floors	19	\$33,708	0	0	0	0	concrete floors, sealed

CRV Totals: \$177,408 \$0 \$0 \$0 \$0

First Year Data

\$177,408	\$0	\$0	0.0%	GOOD
CRV	DMB	EXCESS	FCI	RATING

Five Year Data

\$0	\$0	0.0%	\$3,548	\$3,548
DMB	EXCESS	FCI	\$/YR MAINTAIN	\$/YR REDUCE

Campus: Main Campus / Off Buildings

Bldg. No: 21-XBD4

Building: Grounds Maintenance Storage 4

Area: 2772sf **Yr Built:** 2009 **Floors:** 1

Use Types:

100% Storage (Bulk Materials)

Notes: 2009: New construction, salt & bulk materials storage. Wood pole framed building, concrete foundations and 6' high walls, concrete floor, metal roof & siding, four overhead doors, two service doors, exhaust fan system, general lighting.

Components	CRV of Component		% of Component Requiring Repair/Replacement in:				Notes
	%	\$	0-1 Year	1-5 Years	6-10 Years	11+ Years	
Structure	40	\$84,269	0	0	0	0	Excavation, footings, foundation walls, pole barn structure & roof trusses
Roof	12	\$25,281	0	0	0	0	metal roofing, fascia, soffit & gutters
Cladding	9	\$18,960	0	0	0	0	metal siding
HVAC Equipment	7	\$14,747	0	0	0	0	exhaust fan, ductwork & controls
Secondary	2	\$4,213	0	0	0	0	power extended from XBDG
Distribution	2	\$4,213	0	0	0	0	Sq D panel, wiring to overhead door operators, exhaust fan & outlets
Lighting	6	\$12,640	0	0	0	0	fluorescent lighting
Doors	8	\$16,854	0	0	0	0	2 - 24'x16' overhead doors, 1 - 3'x7' hollow metal door & frame
Floors	14	\$29,494	0	0	0	0	concrete, sealed

CRV Totals: \$210,672 \$0 \$0 \$0 \$0

First Year Data

\$210,672	\$0	\$0	0.0%	GOOD
CRV	DMB	EXCESS	FCI	RATING

Five Year Data

\$0	\$0	0.0%	\$4,213	\$4,213
DMB	EXCESS	FCI	\$/YR MAINTAIN	\$/YR REDUCE

Campus: Main Campus / Off Buildings

Use Types:

Notes: Bermmed on 3 sides w/soil over rooftop.

Bldg. No: 22-TRN1

100% Broadcast Bldg (type 2)

Building: Transmitter 1

Area: 1025sf **Yr Built:** 1981 **Floors:** 1

Components	CRV of Component		% of Component Requiring Repair/Replacement in:				Notes
	%	\$	0-1 Year	1-5 Years	6-10 Years	11+ Years	
Structure	24	\$112,668	0	0	20	80	Poured in place concrete.
Roof	2	\$9,389	0	0	10	90	Earth on concrete deck membrane.
HVAC Equipment	30	\$140,835	0	20	30	50	Heating equipment uses heat rejected by transmitter. Cooling radiator and fan units for transmitter.
Plumbing	4	\$18,778	0	0	10	90	One toilet room in good condition.
Primary	9	\$42,251	0	0	30	70	1981 pad-mounted transformer w/original primary feeders.
Secondary	9	\$42,251	0	0	10	90	Original
Distribution	9	\$42,251	0	0	10	90	Original
Lighting	9	\$42,251	0	0	30	70	Original
Voice/Data	2	\$9,389	0	0	5	95	
Doors	1	\$4,695	0	0	40	60	Exterior & interior doors fair condition.
Floors	0	\$0	0	0	0	0	Concrete floors included in structure.
Site Repair, Ext. Light, etc	1	\$4,695	0	0	5	95	Sidewalks ok.

CRV Totals: \$469,450 \$0 \$28,167 \$103,983 \$337,300

First Year Data

\$469,450	\$0	\$0	0.0%	GOOD
CRV	DMB	EXCESS	FCI	RATING

Five Year Data

\$28,167	\$4,695	6.0%	\$9,389	\$15,022
DMB	EXCESS	FCI	\$/YR MAINTAIN	\$/YR REDUCE

Campus: Main Campus / Off Buildings

Use Types:

Notes:

Bldg. No: 23-TRN2

100% Broadcast Bldg (type 1)

Building: Transmitter 2 (Chalet)

Area: 860sf Yr Built: 1964 Floors: 1

Components	CRV of Component		% of Component Requiring Repair/Replacement in:				Notes
	%	\$	0-1 Year	1-5 Years	6-10 Years	11+ Years	
Structure	20	\$31,476	0	0	0	100	Wood frame, concrete foundation and walls to 6 feet.
Roof	9	\$14,164	0	0	10	90	Singles on insulated sandwich panel. New shingles in 1998.
Cladding	5	\$7,869	0	0	10	90	Concrete
HVAC Equipment	11	\$17,312	0	60	0	40	Heat supplied by broadcast equipment. Fans for exhaust.
HVAC Terminal Units	10	\$15,738	0	60	0	40	
Plumbing	5	\$7,869	0	0	0	100	Original sink & toilet abandoned in place. Room currently used for storage.
Primary	7	\$11,017	0	20	20	60	Fed from a pad mounted transformer - 1964 - original primary cables.
Secondary	7	\$11,017	0	0	10	90	Vintage 1964.
Distribution	6	\$9,443	0	0	10	90	Vintage 1964.
Lighting	6	\$9,443	0	0	10	90	Original
Voice/Data	5	\$7,869	0	0	0	100	Telephone only, plus connection to other equipment. Condition ok.
Doors	6	\$9,443	0	0	10	90	
Floors	0	\$0	0	0	0	0	Concrete floor is included in "Structure"
Site Repair, Ext. Light, etc	3	\$4,721	0	0	0	100	

CRV Totals: \$157,380 \$0 \$22,033 \$8,341 \$127,006

First Year Data

\$157,380	\$0	\$0	0.0%	GOOD
CRV	DMB	EXCESS	FCI	RATING

Five Year Data

\$22,033	\$14,164	14.0%	\$3,148	\$7,554
DMB	EXCESS	FCI	\$/YR MAINTAIN	\$/YR REDUCE

Campus: Main Campus / Off Buildings

Use Types:

Notes:

Bldg. No: 24-SATL

100% Broadcast Tower

Building: Satellite Ground Terminal

Area: 100sf Yr Built: 1964 Floors: 1

Components	CRV of Component		% of Component Requiring Repair/Replacement in:				Notes
	%	\$	0-1 Year	1-5 Years	6-10 Years	11+ Years	
Structure	95	\$146,300	0	0	0	0	
Roof	0	\$0	0	0	0	0	
Glazing	0	\$0	0	0	0	0	
Cladding	0	\$0	0	0	0	0	
HVAC Equipment	0	\$0	0	0	0	0	
HVAC Terminal Units	0	\$0	0	0	0	0	
Plumbing	0	\$0	0	0	0	0	
Primary	0	\$0	0	0	0	0	
Secondary	0	\$0	0	0	0	0	
Distribution	5	\$7,700	0	0	0	0	
Lighting	0	\$0	0	0	0	0	
Voice/Data	0	\$0	0	0	0	0	
Ceilings	0	\$0	0	0	0	0	
Walls	0	\$0	0	0	0	0	
Doors	0	\$0	0	0	0	0	
Floors	0	\$0	0	0	0	0	
Building, Fire, ADA, OSH	0	\$0	0	0	0	0	
Site Repair, Ext. Light, etc	0	\$0	0	0	0	0	

CRV Totals: \$154,000 \$0 \$0 \$0 \$0

First Year Data

\$154,000	\$0	\$0	0.0%	GOOD
CRV	DMB	EXCESS	FCI	RATING

Five Year Data

\$0	\$0	0.0%	\$3,080	\$3,080
DMB	EXCESS	FCI	\$/YR MAINTAIN	\$/YR REDUCE

Campus: Main Campus / Off Buildings

Use Types:

Notes: Square footage is actually linear feet. 2004: Renovated 442 sf, upgraded antennas.

Bldg. No: 25-TOWR

100% Broadcast Tower

Building: TV Tower

Area: 450sf **Yr Built:** 1964 **Floors:** 1

Components	CRV of Component		% of Component Requiring Repair/Replacement in:				Notes
	%	\$	0-1 Year	1-5 Years	6-10 Years	11+ Years	
Structure	95	\$658,350	0	0	0	0	
Roof	0	\$0	0	0	0	0	
Glazing	0	\$0	0	0	0	0	
Cladding	0	\$0	0	0	0	0	
HVAC Equipment	0	\$0	0	0	0	0	
HVAC Terminal Units	0	\$0	0	0	0	0	
Plumbing	0	\$0	0	0	0	0	
Primary	0	\$0	0	0	0	0	
Secondary	0	\$0	0	0	0	0	
Distribution	0	\$0	0	0	0	0	
Lighting	5	\$34,650	0	0	0	0	
Voice/Data	0	\$0	0	0	0	0	
Ceilings	0	\$0	0	0	0	0	
Walls	0	\$0	0	0	0	0	
Doors	0	\$0	0	0	0	0	
Floors	0	\$0	0	0	0	0	
Building, Fire, ADA, OSH	0	\$0	0	0	0	0	
Site Repair, Ext. Light, etc	0	\$0	0	0	0	0	

CRV Totals: \$693,000 \$0 \$0 \$0 \$0

First Year Data

\$693,000	\$0	\$0	0.0%	GOOD
CRV	DMB	EXCESS	FCI	RATING

Five Year Data

\$0	\$0	0.0%	\$13,860	\$13,860
DMB	EXCESS	FCI	\$/YR MAINTAIN	\$/YR REDUCE

Campus: Main Campus / Off Buildings

Bldg. No: 26-WTWR

Building: Water Tower

Area: 1362sf **Yr Built:** 1960 **Floors:**

Use Types:

100% Water Tower

Notes: 200,000 gallon w/maximum diameter 37' 11" and 135' height. Square Feet field based on area of watersphere at the maximum diameter. 2010: repainted the interior and exterior, installed new safety railings and cathodic protection system. \$226,725 total project cost. 2019 interior leak, had fixed.

Components	CRV of Component		% of Component Requiring Repair/Replacement in:				Notes
	%	\$	0-1 Year	1-5 Years	6-10 Years	11+ Years	
Structure	50	\$539,352	0	0	5	95	Steel (1/2" avg). 2010 changed CRV% from 40 to 50% as a result of painting project.
Cladding	30	\$323,611	0	0	0	100	Original paint lead based: when removed and repainted, cladding portion will account for lesser percentage of total. 2010: interior and exterior paint was removed and repainted. 2010 changed CRV% from 40 to 30% as a result of painting project.
Plumbing	2	\$21,574	0	0	0	100	2010 piping was repainted. 2019 had internal leak.
Distribution	10	\$107,870	0	10	40	50	Cathodic protection must be maintained. 2010 electronics replaced.
Doors	2	\$21,574	0	0	0	100	2010 escape doors replaced to comply with new OSHA requirements.
Floors	3	\$32,361	0	0	10	90	
Site Repair, Ext. Light, etc	3	\$32,361	0	0	0	100	2010 installed new overflow splash area.

CRV Totals: \$1,078,704 \$0 \$10,787 \$73,352 \$994,565

First Year Data

\$1,078,704	\$0	\$0	0.0%	GOOD
CRV	DMB	EXCESS	FCI	RATING

Five Year Data

\$10,787	\$0	1.0%	\$21,574	\$23,731
DMB	EXCESS	FCI	\$/YR MAINTAIN	\$/YR REDUCE

Campus: Main Campus / Off Buildings

Use Types:

Notes:

Bldg. No: 27-WMTR

100% Power House / Mechanic

Building: Water Meter Bldg

Area: 408sf Yr Built: 2004 Floors: 1

Components	CRV of Component		% of Component Requiring Repair/Replacement in:				Notes
	%	\$	0-1 Year	1-5 Years	6-10 Years	11+ Years	
Structure	46	\$139,446	0	0	0	0	
Roof	2	\$6,063	0	0	0	0	
Glazing	0	\$0	0	0	0	0	
Cladding	0	\$0	0	0	0	0	
HVAC Equipment	0	\$0	0	0	0	0	
HVAC Terminal Units	0	\$0	0	0	0	0	
Plumbing	23	\$69,723	0	0	0	0	
Primary	0	\$0	0	0	0	0	
Secondary	1	\$3,031	0	0	0	0	
Distribution	1	\$3,031	0	0	0	0	
Lighting	0	\$0	0	0	0	0	
Voice/Data	0	\$0	0	0	0	0	
Ceilings	0	\$0	0	0	0	0	
Walls	0	\$0	0	0	0	0	
Doors	2	\$6,063	0	0	0	0	
Floors	2	\$6,063	0	0	0	0	
Building, Fire, ADA, OSH	1	\$3,031	0	0	0	0	
Site Repair, Ext. Light, etc	23	\$69,723	0	0	0	0	

CRV Totals: \$303,144 \$0 \$0 \$0 \$0

First Year Data

\$303,144	\$0	\$0	0.0%	GOOD
CRV	DMB	EXCESS	FCI	RATING

Five Year Data

\$0	\$0	0.0%	\$6,063	\$6,063
DMB	EXCESS	FCI	\$/YR MAINTAIN	\$/YR REDUCE

Campus: Main Campus / Off Buildings

Bldg. No: 30-FMHS

Building: Farm House

Area: 9064sf **Yr Built:** 1870 **Floors:** 3

Use Types:

10 % Parking Garage

90 % Sgl. Family Residential

Notes: 2000: 4680 sf recorded FL1 & FL2 not including FL0. Building used as conference center. 2000: Renovation addition of 3397sf including basement. Total sq ft after renovation 8150sf. Reclassified as Single Family Resident. 2007: Garage and entry/mud rm addition, new space 914sf. 2019 - replaced furnace and A/C unit

Components	CRV of Component		% of Component Requiring Repair/Replacement in:				Notes
	%	\$	0-1 Year	1-5 Years	6-10 Years	11+ Years	
Structure	17	\$289,531	0	0	5	95	Wood frame.
Roof	6	\$102,188	0	0	5	95	New shingles in 2000.
Glazing	7	\$119,219	0	0	5	95	New windows in 2000.
Cladding	7	\$119,219	0	0	5	95	New vinyl siding in 2000.
HVAC Equipment	6	\$102,188	0	0	5	95	2000 new HVAC & air conditioning.
HVAC Terminal Units	6	\$102,188	0	0	5	95	New in 2000.
Plumbing	10	\$170,313	0	0	5	95	All new in 2000. One ADA compliant toilet room.
Primary	5	\$85,156	0	0	10	90	In 2000 new panels, Consumers's feed, underground service.
Secondary	5	\$85,156	0	0	10	90	All new panels and wiring in 2000.
Distribution	5	\$85,156	0	0	10	90	All new panels and wiring in 2000.
Lighting	5	\$85,156	0	0	10	90	2000 new
Voice/Data	1	\$17,031	0	0	0	100	Residential phone line only. Data wiring installation is future plan.
Ceilings	3	\$51,094	0	0	10	90	2000 new gypsum board. Upstairs not completely finished.
Walls	3	\$51,094	0	0	10	90	New gypsum board in 2000.
Doors	3	\$51,094	0	0	10	90	New in 2000.
Floors	3	\$51,094	0	0	25	75	New carpet and wood in 2000.
Building, Fire, ADA, OSH	3	\$51,094	0	0	10	95	Building has hard-wired smoke detectors.
Site Repair, Ext. Light, etc	5	\$85,156	0	0	10	90	

CRV Totals: \$1,703,126 \$0 \$0 \$126,031 \$1,579,649

First Year Data

\$1,703,126	\$0	\$0	0.0%	GOOD
CRV	DMB	EXCESS	FCI	RATING

Five Year Data

\$0	\$0	0.0%	\$34,063	\$34,063
DMB	EXCESS	FCI	\$/YR MAINTAIN	\$/YR REDUCE

Campus: Main Campus / Off Buildings

Use Types:

Notes: Building is in rough shape and unsafe.

Bldg. No: 31-FMBN

100% Storage

Building: Farm Barn

Area: 7900sf Yr Built: 1881 Floors:2

Components	CRV of Component		% of Component Requiring Repair/Replacement In:				Notes
	%	\$	0-1 Year	1-5 Years	6-10 Years	11+ Years	
Structure	25	\$122,450	40	60	0	0	Wood frame, concrete block foundation.
Roof	18	\$88,164	10	80	10	0	Shingles
Glazing	5	\$24,490	10	80	10	0	Assumed original
Cladding	22	\$107,756	10	80	10	0	Wood, will need to be repainted soon
Primary	5	\$24,490	25	50	25	0	Power from farm house - old cables.
Distribution	5	\$24,490	25	50	25	0	Older
Walls	2	\$9,796	25	50	25	0	Original
Doors	12	\$58,776	25	50	25	0	Original - do not keep animals/birds out
Floors	3	\$14,694	40	50	10	0	Building is unstable and unsafe
Site Repair, Ext. Light, etc	3	\$14,694	0	0	10	90	

CRV Totals: \$489,800 \$106,287 \$315,921 \$54,368 \$13,225

First Year Data

\$489,800

CRV

\$106,287

DMB

\$81,797

EXCESS

21.7%

FCI

POOR

RATING

Five Year Data

\$422,208

DMB

\$397,718

EXCESS

86.2%

FCI

\$9,796

\$/YR MAINTAIN

\$94,238

\$/YR REDUCE

Campus: Main Campus / Off Buildings

Use Types:

Notes:

Bldg. No: 32-FMSH

100% Storage

Building: Farm Shed

Area: 1020sf Yr Built: 1890 Floors: 1

Components	CRV of Component		% of Component Requiring Repair/Replacement in:				Notes
	%	\$	0-1 Year	1-5 Years	6-10 Years	11+ Years	
Structure	44	\$27,826	0	10	10	80	Concrete block
Roof	20	\$12,648	0	0	15	85	Shingles installed circa 1985.
Glazing	8	\$5,059	0	0	10	90	
Cladding	5	\$3,162	0	5	100	0	Wood cladding at gables.
Primary	5	\$3,162	0	10	20	70	Small subpanel from farm house.
Distribution	4	\$2,530	0	10	20	70	Older
Lighting	4	\$2,530	0	20	20	60	Incandescent
Doors	3	\$1,897	0	0	100	0	
Site Repair, Ext. Light, etc	7	\$4,427	0	0	100	0	

CRV Totals: \$63,240 \$0 \$4,016 \$16,316 \$43,066

First Year Data

\$63,240	\$0	\$0	0.0%	GOOD
CRV	DMB	EXCESS	FCI	RATING

Five Year Data

\$4,016	\$854	6.4%	\$1,265	\$2,068
DMB	EXCESS	FCI	\$/YR MAINTAIN	\$/YR REDUCE

Campus: Main Campus / Off Buildings

Use Types:

Notes: 2000 green-roofed storage bldg on SW corner of farm property.

Bldg. No: 33-FMTS

100% Storage

Building: Farm Tool Shed

Area: 1320sf Yr Built: 1930 Floors: 1

Components	CRV of Component		% of Component Requiring Repair/Replacement in:				Notes
	%	\$	0-1 Year	1-5 Years	6-10 Years	11+ Years	
Structure	40	\$32,736	0	0	0	100	Wood frame.
Roof	25	\$20,460	0	0	20	80	Metal
Cladding	15	\$12,276	0	0	20	80	Metal
Doors	10	\$8,184	0	0	10	90	Sliding doors fair condition.
Floors	0	\$0	0	0	0	0	Gravel
Site Repair, Ext. Light, etc	10	\$8,184	0	0	15	85	
CRV Totals:		\$81,840	\$0	\$0	\$8,593	\$73,247	

First Year Data

\$81,840	\$0	\$0	0.0%	GOOD
CRV	DMB	EXCESS	FCI	RATING

Five Year Data

\$0	\$0	0.0%	\$1,637	\$1,637
DMB	EXCESS	FCI	\$/YR MAINTAIN	\$/YR REDUCE

Campus: Main Campus / Off Buildings

Use Types:

Notes:

Bldg. No: 34-FMPV

100% Picnic Pavillion

Building: Farm Pavillion

Area: 960sf Yr Built: 1984 Floors: 1

Components	CRV of Component		% of Component Requiring Repair/Replacement in:				Notes
	%	\$	0-1 Year	1-5 Years	6-10 Years	11+ Years	
Structure	72	\$46,310	0	0	10	90	
Roof	20	\$12,864	0	0	10	90	
Distribution	5	\$3,216	0	0	10	90	
Lighting	3	\$1,930	0	0	10	90	
Floors	0	\$0	0	0	0	0	Concrete floor is included in Structure category.

CRV Totals: \$64,320 \$0 \$0 \$6,432 \$57,888

First Year Data

\$64,320	\$0	\$0	0.0%	GOOD
CRV	DMB	EXCESS	FCI	RATING

Five Year Data

\$0	\$0	0.0%	\$1,286	\$1,286
DMB	EXCESS	FCI	\$/YR MAINTAIN	\$/YR REDUCE

Campus: Bay City

Bldg. No: 35-PLNT

Building: Planetarium & Science Ctr

Area: 39204sf **Yr Built:** 1996 **Floors:** 4

Use Types:

40 % Library

60 % Planetarium

Notes: 2007 Sundial infrastructure improvements \$26,803.91. 2010 Installed new Digistar equipment in Theater, new seating in old pit. Total building related costs \$68,385.49. 2014 installed new LED lighting in Lobby, Space Employers Hall, conference room. Total cost \$23,584.89. 2018 installed electronic sign. 2019 Added re-used generator in basement and updated emergency lighting throughout (removed battery system).

Components	CRV of Component		% of Component Requiring Repair/Replacement in:				Notes
	%	\$	0-1 Year	1-5 Years	6-10 Years	11+ Years	
Structure	18	\$2,416,221	0	0	5	95	Steel frame.
Roof	4	\$536,938	0	100	0	0	Ballasted EPDM. Hood at revolving doors leaks. Water is getting inside the metal skin.
Glazing	3	\$402,703	0	0	10	90	Entry doors hardware at each side of revolving doors is difficult to maintain.
Cladding	5	\$671,172	0	5	5	90	Metal panels are ok.
HVAC Equipment	15	\$2,013,517	0	10	90	0	Chiller is nearing end of life.
HVAC Terminal Units	10	\$1,342,345	0	5	95	0	
Plumbing	5	\$671,172	0	0	5	95	
Primary	5	\$671,172	0	5	5	90	Fed by its own unit substation.
Secondary	5	\$671,172	0	5	0	95	2019 Installed re-used generator in basement and updated emergency lighting throughout building.
Distribution	5	\$671,172	0	5	5	90	
Lighting	5	\$671,172	0	5	10	85	2010 upgraded cove lighting in theater to LED. 2014: new LED lighting installed in Lobby, Space Explorers Hall and conference room. 2019 updated emergency lighting from batteries to generator.
Voice/Data	5	\$671,172	0	5	15	80	
Ceilings	3	\$402,703	0	0	5	95	Some lay-in, some gypsum board, some exposed. All in good condition.
Walls	2	\$268,469	0	0	5	95	Metal studs with gypsum board.
Doors	2	\$268,469	0	15	5	80	Interior doors are plastic laminate. NW entrance pivot hinges alignment require much maintenance.
Floors	3	\$402,703	0	5	5	90	Some carpet, some terrazzo, small amount of tile. Plaza deck at portion of roof. 2010 pit area removed and new carpeting installed as part of Digistar replacement project.
Building, Fire, ADA, OSH	2	\$268,469	0	0	5	95	Fire sprinklers throughout.
Site Repair, Ext. Light, etc	3	\$402,703	0	5	5	90	2006 Sundial addition. 2018 electronic digital sign added.

CRV Totals: \$13,423,450 \$0 \$1,087,299 \$3,651,178 \$8,684,972

First Year Data

\$13,423,450	\$0	\$0	0.0%	GOOD
CRV	DMB	EXCESS	FCI	RATING

Five Year Data

\$1,087,299	\$416,127	8.1%	\$268,469	\$485,929
DMB	EXCESS	FCI	\$/YR MAINTAIN	\$/YR REDUCE

Campus: Midland Center

Bldg. No: 36-MIDL

Building: Midland Center

Area: 29322sf Yr Built: 1962 Floors:2

Use Types:
100% Classroom

Notes: 2012: Upgraded restrooms, total cost \$160,147. 2013: installed new energy efficient lighting with motion controls.

Components	CRV of Component		% of Component Requiring Repair/Replacement in:				Notes
	%	\$	0-1 Year	1-5 Years	6-10 Years	11+ Years	
Structure	17	\$1,241,200	0	0	5	95	Masonry bearing, steel joists or wood frame. Low roof pitch 3/12.
Roof	7	\$511,082	100	0	0	0	Asphalt shingles.
Glazing	6	\$438,071	75	25	0	0	Single glazing in steel frames.
Cladding	7	\$511,082	0	50	0	50	Brick
HVAC Equipment	7	\$511,082	90	10	0	0	Boiler and air handling equipment are past their expected service lives.
HVAC Terminal Units	6	\$438,071	90	10	0	0	Unit ventilators are past their expected service lives.
Plumbing	5	\$365,059	0	40	15	45	Plumbing is original -reported to be in poor condition. Upgraded restroom and local plumbing
Primary	5	\$365,059	0	0	10	90	Outdoor utility transformer - 1991. Original switchboard 1991
Secondary	5	\$365,059	0	80	20	0	Original 1962 equipment.
Distribution	5	\$365,059	0	80	20	0	Vintage 1962.
Lighting	5	\$365,059	0	0	0	100	All original. 2013: installed new energy efficient lighting with motion controls.
Voice/Data	5	\$365,059	0	0	0	100	New voice/data fiber optic backbone in 1997.
Ceilings	4	\$292,047	10	80	10	0	Original adhered ceiling tile in fair condition.
Walls	3	\$219,035	0	70	30	0	Brick and block - good condition. Needs some painting.
Doors	3	\$219,035	10	90	0	0	Hollow metal doors in adequate condition. Hardware should be upgraded to comply with ADA.
Floors	3	\$219,035	20	80	0	0	New tile and carpet in 1988. VAT is original. Stair treads in poor condition. Dining room tile is uneven.
Building, Fire, ADA, OSH	2	\$146,024	50	50	0	0	No fire sprinklers. Some battery pack exit lights. Wheelchair lift does not comply with ADA.
Site Repair, Ext. Light, etc	5	\$365,059	90	10	0	0	New paving in 1991 except that the wearing surface was not added. Parking lot in very rough condition.

CRV Totals: \$7,301,178 \$2,190,353 \$2,058,932 \$394,264 \$2,657,629

First Year Data

\$7,301,178	\$2,190,353	\$1,825,295	30.0%	POOR
CRV	DMB	EXCESS	FCI	RATING

Five Year Data

\$4,249,286	\$3,884,227	58.2%	\$146,024	\$995,881
DMB	EXCESS	FCI	\$/YR MAINTAIN	\$/YR REDUCE

Campus: Gilford

Bldg. No: 40-GILF

Building: Gilford Transmitter Bldg

Area: 1447sf Yr Built: 2004 Floors: 1

Use Types:

100% Broadcast Bldg (type 2)

Notes: 2004: Original construction; 2012: WARN project generator installed to provide backup power; 2015: Modifications to electrical distribution and metering installed for Tenant Power.

Components	CRV of Component		% of Component Requiring Repair/Replacement in:				Notes
	%	\$	0-1 Year	1-5 Years	6-10 Years	11+ Years	
Structure	12	\$79,527	0	0	0	100	Includes masonry bearing walls, interior & exterior steel
Roof	3	\$19,882	0	0	100	0	
Glazing	0	\$0	0	0	0	0	
Cladding	0	\$0	0	0	0	0	
HVAC Equipment	11	\$72,900	0	0	100	0	
HVAC Terminal Units	0	\$0	0	0	100	0	
Plumbing	2	\$13,255	0	0	0	100	
Primary	20	\$132,545	0	0	0	100	
Secondary	12	\$79,527	0	0	0	100	
Distribution	8	\$53,018	0	0	0	100	2015: modifications made for Tenant Power including Metering
Lighting	2	\$13,255	0	0	0	100	
Voice/Data	0	\$0	0	0	0	100	
Ceilings	0	\$0	0	0	0	100	Painted exposed structure
Walls	1	\$6,627	0	0	0	100	
Doors	1	\$6,627	0	0	0	100	
Floors	3	\$19,882	0	0	0	100	Poured in place concrete
Building, Fire, ADA, OSH	5	\$33,136	0	0	0	100	
Site Repair, Ext. Light, etc	21	\$139,172	0	0	0	100	

CRV Totals: \$662,726 \$0 \$0 \$92,782 \$576,572

First Year Data

\$662,726	\$0	\$0	0.0%	GOOD
CRV	DMB	EXCESS	FCI	RATING

Five Year Data

\$0	\$0	0.0%	\$13,255	\$13,255
DMB	EXCESS	FCI	\$/YR MAINTAIN	\$/YR REDUCE

Campus: Gilford

Use Types:

Notes: Square Footage calculated as linear feet. 2004: Original construction

Bldg. No: 41-GTWR

100% Broadcast Tower

Building: Gilford Tower

Area: 1000sf **Yr Built:** 2004 **Floors:** 1

Components	CRV of Component		% of Component Requiring Repair/Replacement in:				Notes
	%	\$	0-1 Year	1-5 Years	6-10 Years	11+ Years	
Structure	95	\$1,463,000	0	0	0	0	2004 New
Roof	0	\$0	0	0	0	0	2004 new
Glazing	0	\$0	0	0	0	0	
Cladding	0	\$0	0	0	0	0	
HVAC Equipment	0	\$0	0	0	0	0	
HVAC Terminal Units	0	\$0	0	0	0	0	
Plumbing	0	\$0	0	0	0	0	
Primary	0	\$0	0	0	0	0	
Secondary	0	\$0	0	0	0	0	
Lighting	5	\$77,000	0	0	0	0	2009 installed new tower lighting system. Original system failed and was not covered by warranty.
Voice/Data	0	\$0	0	0	0	0	
Ceilings	0	\$0	0	0	0	0	
Walls	0	\$0	0	0	0	0	
Doors	0	\$0	0	0	0	0	
Floors	0	\$0	0	0	0	0	
Building, Fire, ADA, OSH	0	\$0	0	0	0	0	
Site Repair, Ext. Light, etc	0	\$0	0	0	0	0	

CRV Totals: \$1,540,000 \$0 \$0 \$0 \$0

First Year Data

\$1,540,000	\$0	\$0	0.0%	GOOD
CRV	DMB	EXCESS	FCI	RATING

Five Year Data

\$0	\$0	0.0%	\$30,800	\$30,800
DMB	EXCESS	FCI	\$/YR MAINTAIN	\$/YR REDUCE

Campus: Midland Center

Bldg. No: 42-MIDL

Building: Midland Center - Storage

Area: 192sf **Yr Built:** 2012 **Floors:** 1

Use Types:

100% Storage (Utility Shed)

Notes: 2012: New construction, masonry walls, concrete floor, wood truss roof with metal roofing.

Components	CRV of Component		% of Component Requiring Repair/Replacement in:				Notes
	%	\$	0-1 Year	1-5 Years	6-10 Years	11+ Years	
Structure	60	\$17,165	0	0	0	100	
Roof	10	\$2,861	0	0	0	100	
Walls	10	\$2,861	0	0	0	100	
Doors	10	\$2,861	0	0	0	100	
Site Repair, Ext. Light, etc	10	\$2,861	0	0	0	100	
CRV Totals:		\$28,608	\$0	\$0	\$0	\$28,608	

First Year Data

\$28,608	\$0	\$0	0.0%	GOOD
CRV	DMB	EXCESS	FCI	RATING

Five Year Data

\$0	\$0	0.0%	\$572	\$572
DMB	EXCESS	FCI	\$/YR MAINTAIN	\$/YR REDUCE

Repair Items requiring immediate attention - by Cost (over \$5,000)

ComponentName	0-1 Yr DMB Cost	Campus Name	Building Name	Component Note
HVAC Equipment	\$1,731,758	Main Campus /	M Wing	2010 revised AHU 38 & 40 from 100% make up air units, installed return air system and CO2 sensors. Unit is in rough shape and has had several coil repairs. Heat exchanger is unreachable and original from 1967.
HVAC Terminal Unit	\$1,122,288	Main Campus /	A Wing	Zoning should be improved. Lined ductwork, terminal units and reheat coils need to be upgraded. 2010 installed VAV system for AHU 16 including heat exchanger and distribution piping. Lower level needs new distribution
HVAC Terminal Unit	\$865,879	Main Campus /	M Wing	1991 VAV Boxes and Air handler. System has been modified and needs to be re-sized
HVAC Equipment	\$841,716	Main Campus /	A Wing	Dual duct & constant volume systems beyond expected service lives. 2004 new liebert units for DTV. 2010, replaced AHU 15 & 16.
Roof	\$511,082	Midland Center	Midland Center	Asphalt shingles.
HVAC Equipment	\$465,233	Main Campus /	K Wing	HV-9 needs replacement. 1990 unit ventilators replaced. AHU9 replaced in 2005.
HVAC Equipment	\$459,974	Midland Center	Midland Center	Boiler and air handling equipment are past their expected service lives.
HVAC Terminal Unit	\$404,550	Main Campus /	K Wing	Lots of complaints due to poor air distribution.
HVAC Terminal Unit	\$394,264	Midland Center	Midland Center	Unit ventilators are past their expected service lives.
HVAC Equipment	\$355,335	Main Campus /	Z Wing (Powerhouse)	Cogen boiler decommissioned. 1994 new chiller plant installed. 1996 three new boilers installed. 2012: chiller plant upgraded with 2 new chillers, pumps, etc. 2019 Cooling Towers 2&3 re-sealed, fill replaced in CT-2 Replaced Water softening system for 3 boilers. Chiller #2 has a vacuum leak.
Glazing	\$328,553	Midland Center	Midland Center	Single glazing in steel frames.
Site Repair, Ext. Lig	\$328,553	Midland Center	Midland Center	New paving in 1991 except that the wearing surface was not added. Parking lot in very rough condition.
Cladding	\$187,048	Main Campus /	A Wing	Cement plaster fascia repaired & resurfaced in courtyard in 2007. Staining on panels at metal roof eave over library.
Glazing	\$182,048	Main Campus /	K Wing	All are original 1961 windows. Not very good condition.

ComponentName	0-1 Yr DMB Cost	Campus Name	Building Name	Component Note
Primary	\$167,217	Main Campus /	Z Wing (Powerhouse)	Main utility equipment is original. 500 KVA unit substation - 1959 - Z Wing and site lighting. 2500 KVA unit substation - chillers. Cogeneration plant. Primary cables new in 1997 & 2005. 2012: new 3000kva substation added for chiller plant upgrades. 2016: Emergency power and lighting upgrades were completed connecting emergency lighting and essential power systems to new generator behind Zwing (Powerhouse). In addition, the original 1959 500 KVA substation was removed, the loads were added to the 1994 2500 KVA chiller plant substation.
Ceilings	\$109,229	Main Campus /	K Wing	Ceiling tile adhered on plaster except one room which has been updated.
Doors	\$74,819	Main Campus /	A Wing	Main level doors and hardware replaced in the 1990s. Lower level courtyard doors replace 1999. Partial DTV 2004 & E & W Courtyards 2005. Remainder of lower level doors are original plastic laminate. 2006 West entry addition. 2010 doors replaced in DTV Studio area and Testing Center area. 2016: new vestibule doors were added to South Entry of East Corridor.
Building, Fire, ADA,	\$74,819	Main Campus /	A Wing	Main & upper levels are fully fire sprinklered. Lower level is fully sprinklered w/the exception of 2/3 Broadcast area. Fire alarm system new in 1999. Elevator upgraded in 1999. 2010 installed fire sprinkler system in DTV Studio area. 2016: hadrails and guardrails were updated in all stairways to current code.
Building, Fire, ADA,	\$73,012	Midland Center	Midland Center	No fire sprinklers. Some battery pack exit lights. Wheelchair lift does not comply with ADA.
Doors	\$60,683	Main Campus /	K Wing	Original doors and hardware need replacement. Hardware is not ADA compliant. 2016: East and South entry doors and frames were replaced and new set of doors were added to East entry to create a vestibule.
Ceilings	\$56,114	Main Campus /	A Wing	1999 upper level main circulation corridor replaced. DTV lower level original Airson ceiling is old but adequate. 2004 new ceilings DTV south end and corridor. 2010 ceilings upgraded in DTV Studio area and new Testing Center area.
Floors	\$56,114	Main Campus /	A Wing	Main and upper level floor finishes all new in 1999. Lower level flooring new 2004 DTV partial & 2005 E & W Courtyard. 2010 flooring replace in DTV Studio area and Testing Center area. 2016: replace carpeting in A100 Founders Halll and VCT adjacent to Coffee n' More.
Primary	\$55,881	Main Campus /	C Wing	500 KVA unit substation with circuit breakers. Primary cables are also original.
Structure	\$48,980	Main Campus /	Farm Barn	Wood frame, concrete block foundation.
Floors	\$43,807	Midland Center	Midland Center	New tile and carpet in 1988. VAT is original. Stair treads in poor condition. Dining room tile is uneven.
Lighting	\$40,455	Main Campus /	K Wing	Mostly original fixtures with updated ballasts. 2015: Emergency power and lighting upgrades were completed connecting emergency lighting and essential power systems to existing generators.
Walls	\$37,410	Main Campus /	A Wing	Primarily brick and block. In good condition. 2010 wall finishes replaced in DTV Studio area and new Testing Center area.

ComponentName	0-1 Yr DMB Cost	Campus Name	Building Name	Component Note
Ceilings	\$29,205	Midland Center	Midland Center	Original adhered ceiling tile in fair condition.
Doors	\$21,904	Midland Center	Midland Center	Hollow metal doors in adequate condition. Hardware should be upgraded to comply with ADA.
Building, Fire, ADA,	\$16,182	Main Campus /	K Wing	No fire sprinklers. No emergency lighting.
Doors	\$14,694	Main Campus /	Farm Barn	Original - do not keep animals/birds out
Cladding	\$10,776	Main Campus /	Farm Barn	Wood, will need to be repainted soon
Cladding	\$10,114	Main Campus /	K Wing	Brick is ok. Cement plaster is cracking. 2012: repaired and resurfaced cement plaster fascia and soffit.
Roof	\$8,816	Main Campus /	Farm Barn	Shingles
Distribution	\$6,123	Main Campus /	Farm Barn	Older
Primary	\$6,123	Main Campus /	Farm Barn	Power from farm house - old cables.
Floors	\$5,878	Main Campus /	Farm Barn	Building is unstable and unsafe