



St. Joseph School District

2016 QLEO Status Quo Update Summary



January 15, 2016

Include In Modeling

Scenario Name:

Scenario Starting Year:

Phases:

Navigation Tools:

Educational Adequacy	Square Footage	First Costs	Life Cycle Costs	CBR
61	1,543,900	\$21,547,598	\$484,053,844	58.8

Option	Facility	Grades	Capacity	First Costs	Educational Adequacy		
Status Quo	Carden Park Elementary School	K-6	650	\$0.00	97.5	Modify	X
Status Quo	Coleman Elementary School	K-6	414	\$515,458.00	66.3	Modify	X
Status Quo	Edison Elementary School	K-6	366	\$1,212,072.00	47.8	Modify	X
Status Quo	Ellison Elementary School	K-6	294	\$734,755.00	81	Modify	X
Status Quo	Field Elementary School	K-6	317	\$865,105.00	58.2	Modify	X
Status Quo	Hosea Elementary School	K-6	336	\$1,015,082.00	65.4	Modify	X
Status Quo	Humboldt Elementary School	K-6	352	\$660,455.00	45.7	Modify	X
Status Quo	Hyde Elementary School	K-6	352	\$1,126,519.00	47.2	Modify	X
Status Quo	Lake Elementary School	K-6	308	\$929,434.00	69.6	Modify	X
Status Quo	Lindbergh Elementary School	K-6	405	\$1,090,942.00	55.6	Modify	X
Status Quo	Mark Twain Elementary School	K-6	308	\$718,424.00	62.3	Modify	X
Status Quo	Oak Grove Elementary School	K-6	650	\$0.00	97.6	Modify	X
Status Quo	Parkway Elementary School	K-6	352	\$995,031.00	56.7	Modify	X
Status Quo	Pershing Elementary School	K-6	222	\$588,700.00	62.9	Modify	X
Status Quo	Pickett Elementary School	K-6	260	\$298,153.00	62.7	Modify	X
Status Quo	Skaith Elementary School	K-6	420	\$1,107,718.00	55.8	Modify	X
Status Quo	Bode Middle School	6-8	370	\$613,565.00	48.6	Modify	X
Status Quo	Robidoux Middle School	6-8	355	\$703,990.00	67.5	Modify	X
Status Quo	Spring Garden Middle School	6-8	411	\$882,443.00	52.8	Modify	X
Status Quo	Truman Middle School	6-8	481	\$1,116,462.00	55.8	Modify	X
Status Quo	Benton High School	9-12	920	\$1,721,392.00	46.4	Modify	X
Status Quo	Central High School	9-12	1600	\$2,111,204.00	52.2	Modify	X
Status Quo	Lafayette High School	9-12	1000	\$1,834,313.00	58.2	Modify	X
Repurpose	Noyes Elementary School	Repurpose	0	\$706,381.00	0	Modify	X
						Modify	X

Capacity 11,143

Enrollment:

+/- Capacity: **-147**

View Reports			View Calculations		Perform Operations	
<input type="button" value="Compare LCCs"/>	<input type="button" value="Compare Educational Adequacies"/>	<input type="button" value="Compare CBRs"/>	<input type="button" value="View LCC Generation"/>		<input type="button" value="Modify Options"/>	<input type="button" value="Process Changes"/>

Options Summary

Status Quo

Scenario Summary

First Costs	Renewal Costs	LCC	Sq Ft	Ed Ad	CBR
\$21,547,598	\$161,299,983	\$484,053,844	1,543,900	61.47	58.82

Option Name	Status Quo
Facility	Benton High School
Option Type	Existing
Option Year	0
Grades	9-12
Capacity	920
O & M Cost Per Sq Ft	\$2.050
Energy Cost Per Sq Ft	\$1.090
First Costs	\$1,721,392
Educational Adequacy	46.4

Building Deterioration Models	Age of Addition	Sq Ft
New Construction/Addition	2012	8,640
Original Building	1939	58,690
Existing Addition	1963	21,370
Existing Addition	1964	2,500
Existing Addition	1968	20,457
Existing Addition	1990	11,900
Existing Addition	2002	8,050
Total Option Sq Ft		131,607

Benton High School

Option Summary

Renewal Costs	Option Variable Costs	Energy Costs	O & M Costs	Life Cycle Costs
\$13,632,737.28		\$10,180,094.00	\$15,326,351.81	\$41,115,194.97

Status Quo

Scenario Summary

First Costs	Renewal Costs	LCC	Sq Ft	Ed Ad	CBR
\$21,547,598	\$161,299,983	\$484,053,844	1,543,900	61.47	58.82

Option Name	Status Quo
Facility	Central High School
Option Type	Existing
Option Year	0
Grades	9-12
Capacity	1600
O & M Cost Per Sq Ft	\$1.240
Energy Cost Per Sq Ft	\$1.040
First Costs	\$2,111,204
Educational Adequacy	52.2

Building Deterioration Models	Age of Addition	Sq Ft
New Construction/Addition	2012	16,709
Original Building	1930	101,550
Existing Addition	1961	47,950
Existing Addition	1968	58,200
Existing Addition	2002	13,700
	Total Option Sq Ft	238,109

Central High School

Option Summary

Renewal Costs	Option Variable Costs	Energy Costs	O & M Costs	Life Cycle Costs
\$27,584,191.20		\$17,573,384.00	\$16,772,717.65	\$68,597,677.80

Status Quo

Scenario Summary

First Costs	Renewal Costs	LCC	Sq Ft	Ed Ad	CBR
\$21,547,598	\$161,299,983	\$484,053,844	1,543,900	61.47	58.82

Option Name	Status Quo
Facility	Lafayette High School
Option Type	Existing
Option Year	0
Grades	9-12
Capacity	1000
O & M Cost Per Sq Ft	\$1.280
Energy Cost Per Sq Ft	\$1.130
First Costs	\$1,834,313
Educational Adequacy	58.2

Building Deterioration Models	Age of Addition	Sq Ft
Original Building	1916	80,548
Existing Addition	1938	9,830
Existing Addition	1960	13,260
Existing Addition	1968	28,040
Existing Addition	1990	14,283
Existing Addition	2002	10,680
Total Option Sq Ft		156,641

Lafayette High School

Option Summary

Renewal Costs	Option Variable Costs	Energy Costs	O & M Costs	Life Cycle Costs
\$20,334,189.75		\$12,561,172.00	\$11,389,937.91	\$50,834,042.91

Status Quo

Scenario Summary

First Costs	Renewal Costs	LCC	Sq Ft	Ed Ad	CBR
\$21,547,598	\$161,299,983	\$484,053,844	1,543,900	61.47	58.82

Option Name	Status Quo
Facility	Robidoux Middle School
Option Type	Existing
Option Year	0
Grades	6-8
Capacity	355
O & M Cost Per Sq Ft	\$1.740
Energy Cost Per Sq Ft	\$1.130
First Costs	\$703,990
Educational Adequacy	67.5

Building Deterioration Models	Age of Addition	Sq Ft
Original Building	1974	52,977
Existing Addition	2001	1,625
Total Option Sq Ft		54,602

Robidoux Middle School

Option Summary

Renewal Costs	Option Variable Costs	Energy Costs	O & M Costs	Life Cycle Costs
\$5,185,289.10		\$4,378,581.00	\$5,397,140.69	\$16,030,324.30

Status Quo

Scenario Summary

First Costs	Renewal Costs	LCC	Sq Ft	Ed Ad	CBR
\$21,547,598	\$161,299,983	\$484,053,844	1,543,900	61.47	58.82

Option Name	Status Quo
Facility	Bode Middle School
Option Type	Existing
Option Year	0
Grades	6-8
Capacity	370
O & M Cost Per Sq Ft	\$1.940
Energy Cost Per Sq Ft	\$1.150
First Costs	\$613,565
Educational Adequacy	48.6

Building Deterioration Models	Age of Addition	Sq Ft
Original Building	1926	40,326
Existing Addition	1966	14,480
Existing Addition	2002	11,800
	Total Option Sq Ft	66,606

Bode Middle School

Option Summary

Renewal Costs	Option Variable Costs	Energy Costs	O & M Costs	Life Cycle Costs
\$7,038,529.18		\$5,435,724.00	\$7,340,421.91	\$20,503,185.66

Status Quo

Scenario Summary

First Costs	Renewal Costs	LCC	Sq Ft	Ed Ad	CBR
\$21,547,598	\$161,299,983	\$484,053,844	1,543,900	61.47	58.82

Option Name	Status Quo
Facility	Spring Garden Middle School
Option Type	Existing
Option Year	0
Grades	6-8
Capacity	411
O & M Cost Per Sq Ft	\$1.840
Energy Cost Per Sq Ft	\$1.480
First Costs	\$882,443
Educational Adequacy	52.8

Building Deterioration Models	Age of Addition	Sq Ft
Original Building	1967	34,051
Existing Addition	1972	11,875
Existing Addition	2001	13,826
	Total Option Sq Ft	59,752

Spring Garden Middle School

Option Summary

Renewal Costs	Option Variable Costs	Energy Costs	O & M Costs	Life Cycle Costs
\$5,709,640.37		\$6,275,676.00	\$6,245,629.38	\$19,208,016.30

Status Quo

Scenario Summary

First Costs	Renewal Costs	LCC	Sq Ft	Ed Ad	CBR
\$21,547,598	\$161,299,983	\$484,053,844	1,543,900	61.47	58.82

Option Name	Status Quo
Facility	Truman Middle School
Option Type	Existing
Option Year	0
Grades	6-8
Capacity	481
O & M Cost Per Sq Ft	\$1.770
Energy Cost Per Sq Ft	\$1.090
First Costs	\$1,116,462
Educational Adequacy	55.8

Building Deterioration Models	Age of Addition	Sq Ft
Original Building	1956	21,847
Existing Addition	1972	35,523
Existing Addition	2002	5,730
	Total Option Sq Ft	63,100

Truman Middle School

Option Summary

Renewal Costs	Option Variable Costs	Energy Costs	O & M Costs	Life Cycle Costs
\$6,979,170.53		\$4,880,926.00	\$6,344,663.09	\$19,909,557.09

Status Quo

Scenario Summary

First Costs	Renewal Costs	LCC	Sq Ft	Ed Ad	CBR
\$21,547,598	\$161,299,983	\$484,053,844	1,543,900	61.47	58.82

Option Name	Status Quo
Facility	Edison Elementary School
Option Type	Existing
Option Year	0
Grades	K-6
Capacity	366
O & M Cost Per Sq Ft	\$2.180
Energy Cost Per Sq Ft	\$1.020
First Costs	\$1,212,072
Educational Adequacy	47.8

Building Deterioration Models	Age of Addition	Sq Ft
Original Building	1930	24,482
Existing Addition	1955	13,800
Existing Addition	2002	6,160
	Total Option Sq Ft	44,442

Edison Elementary School

Option Summary

Renewal Costs	Option Variable Costs	Energy Costs	O & M Costs	Life Cycle Costs
\$4,291,691.26		\$3,216,918.00	\$5,503,716.17	\$14,404,680.82

Status Quo

Scenario Summary

First Costs	Renewal Costs	LCC	Sq Ft	Ed Ad	CBR
\$21,547,598	\$161,299,983	\$484,053,844	1,543,900	61.47	58.82

Option Name	Status Quo
Facility	Ellison Elementary School
Option Type	Existing
Option Year	0
Grades	K-6
Capacity	294
O & M Cost Per Sq Ft	\$2.250
Energy Cost Per Sq Ft	\$1.530
First Costs	\$734,755
Educational Adequacy	81

Building Deterioration Models	Age of Addition	Sq Ft
Original Building	1954	9,299
Existing Addition	1966	6,285
Existing Addition	1966	21,040
Existing Addition	2002	7,818
Total Option Sq Ft		44,442

Ellison Elementary School

Option Summary

Renewal Costs	Option Variable Costs	Energy Costs	O & M Costs	Life Cycle Costs
\$4,286,818.54		\$4,825,378.00	\$5,680,441.00	\$15,169,497.12

Status Quo

Scenario Summary

First Costs	Renewal Costs	LCC	Sq Ft	Ed Ad	CBR
\$21,547,598	\$161,299,983	\$484,053,844	1,543,900	61.47	58.82

Option Name	Status Quo
Facility	Field Elementary School
Option Type	Existing
Option Year	0
Grades	K-6
Capacity	317
O & M Cost Per Sq Ft	\$2.940
Energy Cost Per Sq Ft	\$1.720
First Costs	\$865,105
Educational Adequacy	58.2

Building Deterioration Models	Age of Addition	Sq Ft
Original Building	1918	3,313
Existing Addition	1954	3,382
Existing Addition	1955	16,758
Existing Addition	1974	2,048
Existing Addition	1987	885
Existing Addition	2002	9,277
Total Option Sq Ft		35,663

Field Elementary School

Option Summary

Renewal Costs	Option Variable Costs	Energy Costs	O & M Costs	Life Cycle Costs
\$3,649,349.08		\$4,353,041.00	\$5,956,225.67	\$14,224,349.73

Status Quo

Scenario Summary

First Costs	Renewal Costs	LCC	Sq Ft	Ed Ad	CBR
\$21,547,598	\$161,299,983	\$484,053,844	1,543,900	61.47	58.82

Option Name	Status Quo
Facility	Coleman Elementary School
Option Type	Existing
Option Year	0
Grades	K-6
Capacity	414
O & M Cost Per Sq Ft	\$2.140
Energy Cost Per Sq Ft	\$1.560
First Costs	\$515,458
Educational Adequacy	66.3

Building Deterioration Models	Age of Addition	Sq Ft
Original Building	1966	30,785
Existing Addition	1990	9,270
Existing Addition	2001	4,812
	Total Option Sq Ft	44,867

Coleman Elementary School

Option Summary

Renewal Costs	Option Variable Costs	Energy Costs	O & M Costs	Life Cycle Costs
\$4,293,381.62		\$4,967,044.00	\$5,454,397.00	\$14,901,817.64

Status Quo

Scenario Summary

First Costs	Renewal Costs	LCC	Sq Ft	Ed Ad	CBR
\$21,547,598	\$161,299,983	\$484,053,844	1,543,900	61.47	58.82

Option Name	Status Quo
Facility	Hosea Elementary School
Option Type	Existing
Option Year	0
Grades	K-6
Capacity	336
O & M Cost Per Sq Ft	\$2.520
Energy Cost Per Sq Ft	\$1.390
First Costs	\$1,015,082
Educational Adequacy	65.4

Building Deterioration Models	Age of Addition	Sq Ft
Original Building	1952	31,275
Existing Addition	1961	6,011
Existing Addition	2001	5,055
	Total Option Sq Ft	42,341

Hosea Elementary School

Option Summary

Renewal Costs	Option Variable Costs	Energy Costs	O & M Costs	Life Cycle Costs
\$4,036,686.65		\$4,176,593.00	\$6,061,325.29	\$14,990,252.13

Status Quo

Scenario Summary

First Costs	Renewal Costs	LCC	Sq Ft	Ed Ad	CBR
\$21,547,598	\$161,299,983	\$484,053,844	1,543,900	61.47	58.82

Option Name	Status Quo
Facility	Humboldt Elementary School
Option Type	Existing
Option Year	0
Grades	K-6
Capacity	352
O & M Cost Per Sq Ft	\$2.260
Energy Cost Per Sq Ft	\$1.090
First Costs	\$660,455
Educational Adequacy	45.7

Building Deterioration Models	Age of Addition	Sq Ft
Original Building	1901	34,527
Existing Addition	1964	8,710
Existing Addition	2001	6,389
	Total Option Sq Ft	49,626

Humboldt Elementary School

Option Summary

Renewal Costs	Option Variable Costs	Energy Costs	O & M Costs	Life Cycle Costs
\$5,160,712.80		\$3,838,678.00	\$6,371,235.38	\$16,227,256.63

Status Quo

Scenario Summary

First Costs	Renewal Costs	LCC	Sq Ft	Ed Ad	CBR
\$21,547,598	\$161,299,983	\$484,053,844	1,543,900	61.47	58.82

Option Name	Status Quo
Facility	Hyde Elementary School
Option Type	Existing
Option Year	0
Grades	K-6
Capacity	352
O & M Cost Per Sq Ft	\$2.150
Energy Cost Per Sq Ft	\$1.280
First Costs	\$1,126,519
Educational Adequacy	47.2

Building Deterioration Models	Age of Addition	Sq Ft
Original Building	1901	22,571
Existing Addition	1972	13,300
Existing Addition	2001	3,353
	Total Option Sq Ft	39,224

Hyde Elementary School

Option Summary

Renewal Costs	Option Variable Costs	Energy Costs	O & M Costs	Life Cycle Costs
\$4,342,131.19		\$3,562,936.00	\$4,790,670.27	\$13,918,652.02

Status Quo

Scenario Summary

First Costs	Renewal Costs	LCC	Sq Ft	Ed Ad	CBR
\$21,547,598	\$161,299,983	\$484,053,844	1,543,900	61.47	58.82

Option Name	Status Quo
Facility	Lake Elementary School
Option Type	Existing
Option Year	0
Grades	K-6
Capacity	308
O & M Cost Per Sq Ft	\$1.720
Energy Cost Per Sq Ft	\$1.300
First Costs	\$929,434
Educational Adequacy	69.6

Building Deterioration Models	Age of Addition	Sq Ft
Original Building	1961	12,612
Existing Addition	1966	6,500
Existing Addition	2001	17,923
Total Option Sq Ft		37,035

Lake Elementary School

Option Summary

Renewal Costs	Option Variable Costs	Energy Costs	O & M Costs	Life Cycle Costs
\$3,826,397.37		\$3,416,659.00	\$3,618,651.30	\$12,082,542.26

Status Quo

Scenario Summary

First Costs	Renewal Costs	LCC	Sq Ft	Ed Ad	CBR
\$21,547,598	\$161,299,983	\$484,053,844	1,543,900	61.47	58.82

Option Name	Status Quo
Facility	Lindbergh Elementary School
Option Type	Existing
Option Year	0
Grades	K-6
Capacity	405
O & M Cost Per Sq Ft	\$2.100
Energy Cost Per Sq Ft	\$1.370
First Costs	\$1,090,942
Educational Adequacy	55.6

Building Deterioration Models	Age of Addition	Sq Ft
Original Building	1931	30,596
Existing Addition	1966	10,125
Existing Addition	2002	17,300
	Total Option Sq Ft	58,021

Lindbergh Elementary School

Option Summary

Renewal Costs	Option Variable Costs	Energy Costs	O & M Costs	Life Cycle Costs
\$5,723,736.38		\$5,640,948.00	\$6,921,662.90	\$19,322,397.45

Status Quo

Scenario Summary

First Costs	Renewal Costs	LCC	Sq Ft	Ed Ad	CBR
\$21,547,598	\$161,299,983	\$484,053,844	1,543,900	61.47	58.82

Option Name	Status Quo
Facility	Mark Twain Elementary School
Option Type	Existing
Option Year	0
Grades	K-6
Capacity	308
O & M Cost Per Sq Ft	\$2.580
Energy Cost Per Sq Ft	\$1.620
First Costs	\$718,424
Educational Adequacy	62.3

Building Deterioration Models	Age of Addition	Sq Ft
Original Building	1954	31,822
Existing Addition	2001	4,285
Total Option Sq Ft		36,107

Mark Twain Elementary School

Option Summary

Renewal Costs	Option Variable Costs	Energy Costs	O & M Costs	Life Cycle Costs
\$3,436,350.95		\$4,150,999.00	\$5,291,966.08	\$12,970,858.78

Status Quo

Scenario Summary

First Costs	Renewal Costs	LCC	Sq Ft	Ed Ad	CBR
\$21,547,598	\$161,299,983	\$484,053,844	1,543,900	61.47	58.82

Option Name	Repurpose
Facility	Noyes Elementary School
Option Type	Repurpose
Option Year	0
Grades	Repurpose
Capacity	0
O & M Cost Per Sq Ft	\$0.260
Energy Cost Per Sq Ft	\$1.190
First Costs	\$706,381
Educational Adequacy	0

Building Deterioration Models	Age of Addition	Sq Ft
Original Building	1939	15,331
Existing Addition	1967	4,800
Existing Addition	2002	10,860
	Total Option Sq Ft	30,991

Noyes Elementary School

Option Summary

Renewal Costs	Option Variable Costs	Energy Costs	O & M Costs	Life Cycle Costs
\$3,398,281.66		\$2,617,154.00	\$457,735.80	\$8,328,120.16

Status Quo

Scenario Summary

First Costs	Renewal Costs	LCC	Sq Ft	Ed Ad	CBR
\$21,547,598	\$161,299,983	\$484,053,844	1,543,900	61.47	58.82

Option Name	Status Quo
Facility	Parkway Elementary School
Option Type	Existing
Option Year	0
Grades	K-6
Capacity	352
O & M Cost Per Sq Ft	\$1.580
Energy Cost Per Sq Ft	\$1.670
First Costs	\$995,031
Educational Adequacy	56.7

Building Deterioration Models	Age of Addition	Sq Ft
Original Building	1972	33,125
Existing Addition	2002	9,993
Total Option Sq Ft		43,118

Parkway Elementary School

Option Summary

Renewal Costs	Option Variable Costs	Energy Costs	O & M Costs	Life Cycle Costs
\$4,549,987.05		\$5,110,006.00	\$3,870,095.08	\$14,709,640.43

Status Quo

Scenario Summary

First Costs	Renewal Costs	LCC	Sq Ft	Ed Ad	CBR
\$21,547,598	\$161,299,983	\$484,053,844	1,543,900	61.47	58.82

Option Name	Status Quo
Facility	Pershing Elementary School
Option Type	Existing
Option Year	0
Grades	K-6
Capacity	222
O & M Cost Per Sq Ft	\$2.230
Energy Cost Per Sq Ft	\$1.470
First Costs	\$588,700
Educational Adequacy	62.9

Building Deterioration Models	Age of Addition	Sq Ft
Original Building	1925	12,987
Existing Addition	1952	5,168
Existing Addition	1963	12,544
Existing Addition	2002	4,356
Total Option Sq Ft		35,055

Pershing Elementary School

Option Summary

Renewal Costs	Option Variable Costs	Energy Costs	O & M Costs	Life Cycle Costs
\$3,617,071.59		\$3,656,903.00	\$4,440,795.50	\$12,091,199.15

Status Quo

Scenario Summary

First Costs	Renewal Costs	LCC	Sq Ft	Ed Ad	CBR
\$21,547,598	\$161,299,983	\$484,053,844	1,543,900	61.47	58.82

Option Name	Status Quo
Facility	Pickett Elementary School
Option Type	Existing
Option Year	0
Grades	K-6
Capacity	260
O & M Cost Per Sq Ft	\$2.450
Energy Cost Per Sq Ft	\$1.640
First Costs	\$298,153
Educational Adequacy	62.7

Building Deterioration Models	Age of Addition	Sq Ft
Original Building	1955	15,341
Existing Addition	1965	8,300
Existing Addition	2001	10,456
	Total Option Sq Ft	34,097

Pickett Elementary School

Option Summary

Renewal Costs	Option Variable Costs	Energy Costs	O & M Costs	Life Cycle Costs
\$3,366,833.72		\$3,968,318.00	\$4,745,567.92	\$11,881,176.87

Status Quo

Scenario Summary

First Costs	Renewal Costs	LCC	Sq Ft	Ed Ad	CBR
\$21,547,598	\$161,299,983	\$484,053,844	1,543,900	61.47	58.82

Option Name	Status Quo
Facility	Skaith Elementary School
Option Type	Existing
Option Year	0
Grades	K-6
Capacity	420
O & M Cost Per Sq Ft	\$2.380
Energy Cost Per Sq Ft	\$1.140
First Costs	\$1,107,718
Educational Adequacy	55.8

Building Deterioration Models	Age of Addition	Sq Ft
Original Building	1965	10,577
Existing Addition	1966	17,005
Existing Addition	1971	9,744
Existing Addition	2002	4,315
Total Option Sq Ft		41,641

Skaith Elementary School

Option Summary

Renewal Costs	Option Variable Costs	Energy Costs	O & M Costs	Life Cycle Costs
\$4,216,893.82		\$3,368,777.00	\$5,629,943.64	\$14,361,175.84

Status Quo

Scenario Summary

First Costs	Renewal Costs	LCC	Sq Ft	Ed Ad	CBR
\$21,547,598	\$161,299,983	\$484,053,844	1,543,900	61.47	58.82

Option Name	Status Quo
Facility	Carden Park Elementary School
Option Type	Existing
Option Year	0
Grades	K-6
Capacity	650
O & M Cost Per Sq Ft	\$1.550
Energy Cost Per Sq Ft	\$1.310
First Costs	\$0
Educational Adequacy	97.5

Building Deterioration Models	Age of Addition	Sq Ft
Original Building	2014	75,844
	Total Option Sq Ft	75,844

Carden Park Elementary School

Option Summary

Renewal Costs	Option Variable Costs	Energy Costs	O & M Costs	Life Cycle Costs
\$6,113,405.62		\$6,027,059.00	\$5,933,486.64	\$18,314,855.31

Status Quo

Scenario Summary

First Costs	Renewal Costs	LCC	Sq Ft	Ed Ad	CBR
\$21,547,598	\$161,299,983	\$484,053,844	1,543,900	61.47	58.82

Option Name	Status Quo
Facility	Oak Grove Elementary School
Option Type	Existing
Option Year	0
Grades	K-6
Capacity	650
O & M Cost Per Sq Ft	\$1.840
Energy Cost Per Sq Ft	\$1.180
First Costs	\$0
Educational Adequacy	97.6

Building Deterioration Models	Age of Addition	Sq Ft
Original Building	2014	80,969
	Total Option Sq Ft	80,969

Oak Grove Elementary School

Option Summary

Renewal Costs	Option Variable Costs	Energy Costs	O & M Costs	Life Cycle Costs
\$6,526,506.25		\$5,795,803.00	\$7,519,580.96	\$19,957,372.58

CEFPI SCHOOL DISTRICT FACILITIES EVALUATION TOOL

APPRAISAL CRITERIA

The appraisal criteria are categorized into six areas: School Site; Structural, Electrical and Mechanical Features; Plant Maintainability; Safety and Security; Educational Adequacy and the Educational Environment.

QUESTION	CATEGORY	Benton	Bode	CardenPark	Central	Coleman	Edison	Ellison	Field	Hosea	Humboldt	Hyde	Lafayette	Lake	Lindbergh	MarkTwain	OakGrove	Parkway	Pershing	Pickett	Robidoux	Skaith	SpringGarden	Truman
Section 1	The School Site: The school site is an integral part of the school facility and is a basic tool in the educational process. A student's educational experience as well as many community functions will be strengthened or limited by the adequacy of the site.	30	53	64	38	49	38	61	55	61	29	31	43	58	44	50	72	64	51	63	60	53	49	55
1.1	The site is large enough to meet the educational and program needs .	D	C	B	C	C	B	A	B	A	D	D	C	A	C	B	A	A	B	B	B	B	B	B
1.2	The site is easy to access and located in proximity to the student population.	D	C	B	C	C	B	C	D	B	D	F	B	D	B	B	B	B	C	B	B	B	B	D
1.3	The school's location is removed from undesirable business, industry, traffic and/or hazards.	B	B	B	B	C	F	B	B	A	C	C	B	F	C	C	B	A	B	A	B	B	D	B
1.4	The site is landscaped and maintained in keeping with the surrounding neighborhood.	D	B	B	B	A	C	A	B	A	B	B	B	C	C	B	B	A	B	A	C	B	B	B
1.5	Playgrounds and/or athletic fields are safe, appropriate to the educational program and grade level and are separated from streets and parking areas.	D	B	A	C	B	D	C	A	A	D	D	D	A	B	D	A	A	B	B	B	B	C	A
1.6	The site lends itself to future expansion of the school building.	F	B	C	D	C	D	A	B	A	F	F	F	B	C	B	A	A	B	A	A	B	C	B
1.7	The site is stable - drains well and is free of erosion.	D	C	A	D	B	C	A	B	C	D	D	C	D	B	C	A	B	C	A	B	C	B	B
1.8	The site is suitable for special instructional needs, e.g. outdoor learning.	F	B	B	D	B	D	A	A	A	F	C	C	B	F	B	A	A	B	A	A	B	B	A
1.9	The site includes adequate sidewalks with designated crosswalks, curb cuts, and/or other safety features.	C	B	B	D	D	C	X	F	B	C	D	B	C	B	B	A	D	F	A	D	B	D	F
1.10	Sufficient on-site, solid surface parking is provided for the staff, (students) and community members.	D	C	A	F	D	F	B	D	X	F	F	D	A	D	D	A	D	D	D	B	F	D	D
Section 2	Structural, Electrical and Mechanical Features: These are basic functions of a school's operation and will have an impact on future maintenance costs and the school's ability to accommodate changes in its educational program.	64	60	123	58	87	55	91	90	80	51	53	57	80	81	89	120	83	90	102	83	81	65	74
2.1	The school building is accessible to students, staff and community members with disabilities.	F	C	A	D	D	F	B	B	D	F	F	F	B	D	D	A	D	C	B	B	D	D	B
2.2	Roofs appear sound, have positive drainage and are generally weather tight.	B	D	A	F	B	D	F	D	C	D	D	C	B	D	B	A	B	B	B	C	C	D	D
2.3	Foundations and the buildings structural frameworks are strong and stable with no observable failures.	B	B	A	B	C	B	B	B	C	C	B	C	D	B	B	A	A	B	A	C	B	B	B
2.4	Exterior masonry walls are free of significant deterioration.	C	B	A	B	B	B	A	B	B	B	D	C	B	B	B	A	A	B	A	A	B	B	B
2.5	The plumbing systems are functional and meet health and safety standards.	C	F	A	B	B	C	B	B	B	D	B	C	B	A	C	A	B	D	B	B	C	C	B
2.6	The building's "envelope" generally provides for energy conservation.	C	D	A	C	C	D	B	B	B	C	B	B	B	B	B	B	C	C	C	B	C	B	B
2.7	The structure is free of friable asbestos and/or other toxic materials.	C	B	A	B	B	B	B	B	B	B	C	C	C	C	C	A	B	B	A	A	B	D	B
2.8	Interior walls permit sufficient flexibility for a variety of class sizes.	D	F	B	D	C	F	D	F	D	F	F	D	D	D	D	B	C	D	D	C	D	C	F
2.9	The buildings current electrical service capacity meets the instructional needs	F	F	A	D	A	D	A	A	B	D	D	F	C	B	A	A	C	A	B	D	D	C	C
2.10	The number, size and the location of restrooms meets the needs of the student population.	D	D	A	F	D	D	B	D	D	F	F	F	C	F	D	B	D	F	D	D	D	F	D
2.11	Fire alarms, smoke detectors and/or sprinkler systems are in place and properly maintained.	B	D	A	B	A	C	A	B	B	B	B	B	B	B	B	A	D	B	A	B	B	B	B
2.12	Heating, ventilation and air-conditioning systems provide a safe, comfortable and controlled environment for students and staff.	D	D	A	F	B	F	B	A	B	F	F	D	C	A	A	A	C	A	A	C	A	D	D
Section 3	Plant Maintainability: This category refers to the cost or ease with which building systems and architectural elements can be kept in the good working order or in a good state of repair by district personnel. Evaluate the condition of the building and not the manner in which the maintenance staff performs their duties.	52	46	92	53	81	43	89	64	69	37	61	52	71	61	68	93	57	70	70	70	74	58	52
3.1	The materials and finishes of windows, doors and walls require a minimal level of maintenance.	B	B	B	C	B	C	A	B	B	C	B	B	B	B	B	B	B	B	B	B	C	B	B
3.2	Floor surfaces throughout the building are appropriate to the space and activity and require a minimum of care.	D	C	A	B	B	D	B	C	B	D	B	D	D	B	B	B	D	C	C	B	B	D	C
3.3	Ceilings and walls throughout the building are in good condition, easily cleaned and repaired.	C	C	A	D	B	D	B	C	B	D	C	C	B	C	B	A	C	B	B	B	B	C	C
3.4	Kitchen equipment and preparation area is designed and constructed for ease of use and maintenance.	D	D	A	B	B	C	B	B	D	D	B	C	B	D	D	A	D	A	C	D	C	D	B
3.5	Restrooms can be maintained efficiently and are of quality finishes.	C	C	A	D	B	D	B	C	B	C	B	C	C	D	B	A	C	D	C	B	B	C	C
3.6	Adequate custodial storage space with water and drain is accessible throughout the building.	D	D	B	D	C	D	A	D	B	F	C	C	B	C	D	B	D	D	B	B	A	C	D
3.7	Adequate electrical outlets and power, to permit routine cleaning, are available in every area of the building.	D	D	A	C	B	F	A	D	D	D	C	D	B	D	D	A	D	B	C	C	C	B	D
3.8	Outdoor light fixtures, electric outlets, equipment and other fixtures are accessible for repair and replacement.	D	F	A	F	C	C	C	C	F	F	C	D	C	F	B	A	C	C	C	B	D	D	C
3.9	Mechanical, electrical and plumbing systems are serviceable and adaptable for future modifications	C	F	B	D	A	D	A	B	B	F	F	D	B	B	B	A	B	B	B	C	B	C	F

		Benton	Bode	CardenPark	Central	Coleman	Edison	Ellison	Field	Hosea	Humboldt	Hyde	Lafayette	Lake	Lindbergh	MarkTwain	OakGrove	Parkway	Pershing	Pickett	Robidoux	Skaith	SpringGarden	Truman
Section 4	Building Safety and Security: The safety and security of students, staff and visitors is vital to a positive and successful educational experience. Does the school building contribute to and support a safe and secure experience?	108	112	197	127	120	109	158	115	119	102	98	143	144	117	121	196	110	123	149	148	123	105	123
4.1	Student loading areas are segregated from other vehicular traffic and student walkways.	F	B	A	D	F	F	A	F	D	F	F	B	D	F	D	B	F	F	A	A	D	D	F
4.2	Walkways, both on and offsite, are available and provide safety for walkers.	C	B	A	B	D	B	X	F	C	B	F	B	D	B	B	A	F	F	X	C	B	F	F
4.3	Vehicular entrances and exits permit safe traffic flow.	F	C	B	D	F	F	D	F	D	F	F	C	B	D	D	A	D	F	A	A	C	F	F
4.4	Playground and athletic fields and equipment are free from hazards and are accessible to people with disabilities.	D	C	A	F	B	D	B	F	B	D	D	D	B	C	D	A	C	D	D	D	C	B	F
4.5	Exterior doors open outward and are equipped with panic hardware.	B	B	A	A	A	B	A	A	A	A	A	A	A	A	B	A	A	B	A	A	A	A	A
4.6	Emergency lighting is provided throughout the building with exit signs on separate electrical circuits.	A	C	A	A	A	B	A	B	B	D	B	A	B	B	B	A	D	B	A	A	C	D	B
4.7	Classroom doors are recessed and open outward with functioning locks.	B	C	A	B	D	C	B	B	B	C	B	B	C	B	C	A	B	B	C	B	A	D	B
4.8	The school has a single point of entry that is observable from the office and/or regularly controlled by staff members.	F	F	A	D	F	F	B	F	F	F	F	D	B	F	F	A	F	B	D	F	F	D	C
4.9	Flooring (including ramps and stairways) are maintained in a safe nonslip condition.	C	C	A	B	A	C	A	B	B	B	B	B	B	B	B	A	C	B	A	B	B	B	B
4.10	Glass is properly located and protected with safety material to prevent accidental student injury.	D	B	A	C	B	C	D	C	D	F	C	D	B	D	D	A	C	C	B	B	D	D	C
4.11	Items and equipment (such as benches and display cases) in traffic areas do not extend more than eight inches from the corridor wall.	B	C	A	B	D	D	B	B	A	F	D	D	B	B	C	A	C	B	D	B	F	C	B
4.12	Traffic areas terminate at an exit or a stairway leading to an exit.	B	D	A	B	B	B	A	A	A	B	C	B	A	B	B	A	B	B	A	B	B	B	A
4.13	Hallways and corridors are easily observed and monitored.	C	D	A	D	C	D	B	B	F	F	D	C	B	C	B	A	C	C	B	B	F	D	B
4.14	There are at least two independent exits from any point in the building.	B	D	A	B	A	B	A	A	C	B	B	B	A	B	B	A	A	B	A	A	B	C	A
4.15	non-combustable, fire-resistant materials are used throughout the structure.	B	D	A	B	A	B	A	C	B	B	B	C	C	B	B	A	A	B	B	B	B	B	C
4.16	Areas of the building can be secured during evening events without jeopardizing the safety of occupants.	D	D	B	C	D	F	F	B	C	F	F	B	C	F	B	A	B	B	A	C	D	F	B
4.17	Access into the school building is limited and controlled.	F	C	A	D	D	C	B	D	F	D	F	B	D	F	D	A	F	C	C	D	C	D	D
Section 5	Educational Adequacy: This category is determined by comparing the physical requirements necessary to support the educational plan with the existing physical elements of the building itself.	115	122	300	150	201	139	251	151	183	144	118	155	203	130	150	295	145	151	128	172	123	158	134
5.1	The size of classrooms in core subject areas is adequate for student count, is age appropriate and meets generally accepted standards.	D	D	A	C	B	C	A	C	B	A	F	C	B	C	C	A	B	D	C	B	D	C	C
5.2	Classroom furniture is flexible and lends itself to whole group, small group and independent learning.	D	D	A	D	C	C	C	D	C	C	D	D	B	D	D	B	D	D	D	C	D	C	F
5.3	The location of classrooms are adjacent to related educational activities and away from disruptive noises.	D	D	A	B	B	D	A	D	A	B	D	B	C	C	B	A	C	D	C	B	C	B	D
5.4	Hallways and corridors allow for easy circulation of students during passing times.	C	D	A	C	B	B	A	B	A	B	D	A	B	B	C	A	C	C	C	B	C	D	B
5.5	Storage for student materials and belongings is adequate.	F	D	A	D	D	F	D	D	D	F	D	D	D	F	F	A	D	D	F	B	F	D	B
5.6	Storage for teacher and instructional materials is adequate and near classrooms.	F	F	A	F	D	F	D	D	D	F	D	D	D	F	F	A	F	D	F	D	F	D	F
5.7	The size of specialized learning area(s) meets program requirements (e.g.; art, music, special education, ESOL, etc. etc.).	F	D	A	F	D	D	B	F	F	F	F	D	C	F	F	A	F	F	F	D	F	F	F
5.8	The schools library/media center provides appropriate space.	B	B	A	B	A	C	A	C	B	B	B	B	B	F	B	A	C	C	D	C	F	B	B
5.9	The gymnasium adequately serves physical education instruction and other recreational needs of students and community members.	D	C	A	D	C	D	A	B	C	D	F	C	B	D	C	A	D	B	B	D	D	B	F
5.10	Pre-kindergarten and kindergarten space is appropriate for age of students and delivery of instruction.	X	X	A	X	B	B	A	X	B	B	C	X	B	B	B	A	D	B	C	X	D	X	X
5.11	Classroom space in core subject areas permits the use of current instructional technology equipment.	D	D	A	B	C	C	A	D	C	D	D	D	C	D	D	A	B	D	D	D	C	C	D
5.12	Space for utilities and technology closets are adequately sized and properly located.	C	D	A	D	C	D	C	C	F	F	F	D	B	F	D	A	F	F	D	B	C	D	C
5.13	Meeting, planning and work areas are sufficient to support the professional needs of staff members.	F	F	A	D	B	D	B	B	F	C	F	C	D	F	D	A	F	C	F	C	D	A	B
5.14	The cafeteria has sufficient space for comfortable seating and dining for the current student population.	D	D	A	C	D	F	C	B	C	F	C	F	B	D	D	A	D	C	B	C	C	D	D
5.15	Administrative offices are centrally located and easily accessible to students	C	B	A	C	B	D	B	C	C	D	D	B	B	C	C	A	B	B	C	B	D	C	C
5.16	The counselors office(s) insures comfort and privacy	F	C	A	B	A	B	A	A	F	C	B	B	B	C	D	A	A	C	C	A	D	B	A
5.17	The health clinic is equipped to meet nursing requirements and is located in close proximity to administrative offices	F	C	A	D	D	C	B	D	F	F	C	D	C	C	B	A	F	C	C	F	D	C	D
5.18	Music, band and multi-purpose areas are located away from core subject areas.	F	F	A	D	D	F	B	D	C	F	F	F	D	F	D	A	F	D	F	D	F	D	F
5.19	The building facilitates appropriate layout for grade configurations (e.g. small learning communities, academies, subject areas, etc.) .	D	F	A	C	B	X	A	C	A	X	D	D	C	C	D	A	C	B	X	C	C	D	C
5.20	Demonstration and sink areas exist for art and science instruction.	D	F	A	D	B	C	C	F	D	F	C	D	C	D	D	A	D	D	F	D	D	F	F

		Benton	Bode	CardenPark	Central	Coleman	Edison	Ellison	Field	Hosea	Humboldt	Hyde	Lafayette	Lake	Lindbergh	MarkTwain	OakGrove	Parkway	Pershing	Pickett	Robidoux	Skaith	SpringGarden	Truman
Section 6	The Educational Environment: The school should welcome students, staff and visitors. The school's environment, both inside and out, should be conducive to learning. This category evaluates how well the school facility is able to provide an atmosphere that supports teaching and learning.	95	93	199	96	125	94	160	107	142	94	111	132	140	123	145	200	108	144	115	142	104	93	120
6.1	The overall design of the school building is aesthetically pleasing, inviting and appropriate for the age of the students.	D	C	A	D	C	D	A	C	B	D	C	C	B	C	C	A	B	C	C	B	C	F	C
6.2	The school site and building are well landscaped.	F	B	B	B	A	B	A	B	B	C	C	B	B	B	B	A	B	C	C	C	B	B	B
6.3	Exterior noise of the surrounding environment does not often disrupt instruction.	B	B	A	B	B	D	A	A	A	B	B	B	C	B	B	A	A	B	C	B	B	B	A
6.4	Color schemes, building materials and décor is stimulating for students.	D	D	A	F	C	D	B	C	B	D	D	C	C	C	C	A	C	B	C	C	C	D	D
6.5	Lighting system provides proper intensity, diffusion and distribution.	C	D	A	D	B	D	A	B	B	D	B	C	B	B	B	A	C	B	X	B	D	D	B
6.6	Communication among students is enhanced by a large space, commons or multi-purpose area.	F	F	A	F	D	F	F	F	F	F	F	D	D	D	B	A	F	D	F	C	F	F	F
6.7	The traffic flow of students is aided by adequately sized foyers, corridors and stairways.	F	F	A	F	D	C	D	X	D	D	F	A	B	C	D	A	F	D	D	C	F	F	D
6.8	There are areas of the school where students can be in a "quiet" zone to study.	F	D	A	D	D	F	C	X	C	F	F	D	D	F	B	A	F	C	C	C	F	F	D
6.9	Acoustical treatment of ceilings, walls and floors provides effective sound control.	D	F	A	B	C	D	B	F	C	C	C	C	B	B	B	A	C	C	C	C	C	C	F
6.10	Window placement and design allows for natural day light into classroom areas.	A	C	A	C	C	C	A	B	A	B	A	C	B	B	B	A	D	A	A	B	C	C	B
6.11	Display areas accommodate student work and important information.	D	D	A	C	C	C	A	B	B	B	C	B	B	B	C	A	B	A	C	C	B	C	B
6.12	Exposure to nature and the outdoor environment is readily available to students during the school day.	D	C	A	C	B	C	A	A	A	F	B	C	B	D	B	A	A	A	A	A	B	C	A
6.13	Signage adequately identifies function and provides direction	C	C	A	D	B	C	A	C	C	F	D	B	B	D	B	A	D	B	B	B	C	C	C
6.14	A communication system is available between staff members and the administration.	C	B	A	B	B	B	B	B	B	B	B	B	B	B	B	A	B	B	B	B	B	B	B
Total Educational Adequacy Score:		46.4	48.6	97.5	52.2	66.3	47.8	81	58.2	65.4	45.7	47.2	58.2	69.6	55.6	62.3	97.6	56.7	62.9	62.7	67.5	55.8	52.8	55.8
		Benton	Bode	CardenPark	Central	Coleman	Edison	Ellison	Field	Hosea	Humboldt	Hyde	Lafayette	Lake	Lindbergh	MarkTwain	OakGrove	Parkway	Pershing	Pickett	Robidoux	Skaith	SpringGarden	Truman

Benton Status Quo Scenario

St. Joseph School District, St. Joseph, Missouri

January 13, 2016

CONSTRUCTION BUDGET		\$ 1,573,389	
COMMUNITY PRIORITIZED ITEMS NOT INCLUDED IN THE SOLUTION			
TRIAGE IN 10 - INFRASTRUCTURE, ABATEMENT, & UPGRADES		\$ 1,359,153	
type total from Triage in 10			
SITE		\$ -	
Additional Parking	\$ -		
Spaces x	\$2,500.00		
Hard Surface Play Areas	\$ -		
SF x	\$4.00		
Turf Play Areas	\$ -		
SF x	\$0.50		
BUILDING		\$ -	
Demolition	\$ -		
SF x	\$ 5.00		
Light Remodel	\$ -		
SF x	\$ 50.00		
Moderate Remodel	\$ -		
SF x	\$ 100.00		
Heavy Remodel	\$ -		
SF x	\$ 150.00		
Additions	\$ -		
SF x	\$ 185.00		
CONTINGENCY			\$ 214,236
Design Contingency	\$ 67,958		
Bid Contingency	\$ 71,356		
Construction Contingency	\$ 74,923		
SOFT COSTS		\$ 148,002	
SITE ACQUISITION AND EVALUATION		\$ -	
Land Purchase	TBD		
Topographic Survey	\$ -		
Geotechnical Survey	\$ -		
FEES AND SERVICES		\$ 148,002	
Architect/Engineer Design Fees	\$ 148,002		
Interior Design Fees	\$ -		
Reimbursable Expenses			
Document Printing	\$ -		
Construction Testing	\$ -		
OTHER COSTS		\$ -	
Technology, Telecom, Security	use \$500/student		
Furnishings, Fixtures, Equipment	use \$750/student		
Project Budget		\$ 1,721,392	

Bode Status Quo Scenario

St. Joseph School District, St. Joseph, Missouri

January 13, 2016

CONSTRUCTION BUDGET		\$ 555,521
COMMUNITY PRIORITIZED ITEMS NOT INCLUDED IN THE SOLUTION		
TRIAGE IN 10 - INFRASTRUCTURE, ABATEMENT, & UPGRADES		\$ 479,880
type total from Triage in 10		
SITE		\$ -
Additional Parking	\$ -	
Spaces x	\$2,500.00	
Hard Surface Play Areas	\$ -	
SF x	\$4.00	
Turf Play Areas	\$ -	
SF x	\$0.50	
BUILDING		\$ -
Demolition	\$ -	
SF x	\$ 5.00	
Light Remodel	\$ -	
SF x	\$ 50.00	
Moderate Remodel	\$ -	
SF x	\$ 100.00	
Heavy Remodel	\$ -	
SF x	\$ 150.00	
Additions	\$ -	
SF x	\$ 185.00	
CONTINGENCY		\$ 75,641
Design Contingency	\$ 23,994	
Bid Contingency	\$ 25,194	
Construction Contingency	\$ 26,453	
SOFT COSTS		\$ 58,044
SITE ACQUISITION AND EVALUATION		\$ -
Land Purchase	TBD	\$ -
Topographic Survey		\$ -
Geotechnical Survey		\$ -
FEES AND SERVICES		\$ 58,044
Architect/Engineer Design Fees	\$ 58,044	
Interior Design Fees	\$ -	
Reimbursable Expenses		
Document Printing	\$ -	
Construction Testing	\$ -	
OTHER COSTS		\$ -
Technology, Telecom, Security	use \$500/student	
Furnishings, Fixtures, Equipment	use \$750/student	
Project Budget		\$ 613,565

Central Status Quo Scenario

St. Joseph School District, St. Joseph, Missouri

January 13, 2016

CONSTRUCTION BUDGET		\$ 1,936,984	
COMMUNITY PRIORITIZED ITEMS NOT INCLUDED IN THE SOLUTION			
TRIAGE IN 10 - INFRASTRUCTURE, ABATEMENT, & UPGRADES		\$ 1,673,240	
type total from Triage in 10			
SITE		\$ -	
Additional Parking	\$ -		
Spaces x	\$2,500.00		
Hard Surface Play Areas	\$ -		
SF x	\$4.00		
Turf Play Areas	\$ -		
SF x	\$0.50		
BUILDING		\$ -	
Demolition	\$ -		
SF x	\$ 5.00		
Light Remodel	\$ -		
SF x	\$ 50.00		
Moderate Remodel	\$ -		
SF x	\$ 100.00		
Heavy Remodel	\$ -		
SF x	\$ 150.00		
Additions	\$ -		
SF x	\$ 185.00		
CONTINGENCY			\$ 263,744
Design Contingency	\$ 83,662		
Bid Contingency	\$ 87,845		
Construction Contingency	\$ 92,237		
SOFT COSTS		\$ 174,219	
SITE ACQUISITION AND EVALUATION		\$ -	
Land Purchase	TBD	\$ -	
Topographic Survey		\$ -	
Geotechnical Survey		\$ -	
FEES AND SERVICES		\$ 174,219	
Architect/Engineer Design Fees	\$ 174,219		
Interior Design Fees	\$ -		
Reimbursable Expenses			
Document Printing	\$ -		
Construction Testing	\$ -		
OTHER COSTS			\$ -
Technology, Telecom, Security	use \$500/student		
Furnishings, Fixtures, Equipment	use \$750/student		
Project Budget		\$ 2,111,204	

Coleman Status Quo Scenario

St. Joseph School District, St. Joseph, Missouri

January 13, 2016

CONSTRUCTION BUDGET		\$ 465,855
COMMUNITY PRIORITIZED ITEMS NOT INCLUDED IN THE SOLUTION		
TRIAGE IN 10 - INFRASTRUCTURE, ABATEMENT, & UPGRADES		\$ 402,423
type total from Triage in 10		
SITE		\$ -
Additional Parking	\$ -	
Spaces x	\$2,500.00	
Hard Surface Play Areas	\$ -	
SF x	\$4.00	
Turf Play Areas	\$ -	
SF x	\$0.50	
BUILDING		\$ -
Demolition	\$ -	
SF x	\$ 5.00	
Light Remodel	\$ -	
SF x	\$ 50.00	
Moderate Remodel	\$ -	
SF x	\$ 100.00	
Heavy Remodel	\$ -	
SF x	\$ 150.00	
Additions	\$ -	
SF x	\$ 185.00	
CONTINGENCY		\$ 63,432
Design Contingency	\$ 20,121	
Bid Contingency	\$ 21,127	
Construction Contingency	\$ 22,184	
SOFT COSTS		\$ 49,604
SITE ACQUISITION AND EVALUATION		\$ -
Land Purchase	TBD	
Topographic Survey	\$ -	
Geotechnical Survey	\$ -	
FEES AND SERVICES		\$ 49,604
Architect/Engineer Design Fees	\$ 49,604	
Interior Design Fees	\$ -	
Reimbursable Expenses		
Document Printing	\$ -	
Construction Testing	\$ -	
OTHER COSTS		\$ -
Technology, Telecom, Security	use \$500/student	
Furnishings, Fixtures, Equipment	use \$750/student	
Project Budget		\$ 515,458

Field Status Quo Scenario

St. Joseph School District, St. Joseph, Missouri

January 13, 2016

CONSTRUCTION BUDGET		\$ 784,742
COMMUNITY PRIORITIZED ITEMS NOT INCLUDED IN THE SOLUTION		
TRIAGE IN 10 - INFRASTRUCTURE, ABATEMENT, & UPGRADES		\$ 677,890
type total from Triage in 10		
SITE		\$ -
Additional Parking	\$ -	
Spaces x	\$2,500.00	
Hard Surface Play Areas	\$ -	
SF x	\$4.00	
Turf Play Areas	\$ -	
SF x	\$0.50	
BUILDING		\$ -
Demolition	\$ -	
SF x	\$ 5.00	
Light Remodel	\$ -	
SF x	\$ 50.00	
Moderate Remodel	\$ -	
SF x	\$ 100.00	
Heavy Remodel	\$ -	
SF x	\$ 150.00	
Additions	\$ -	
SF x	\$ 185.00	
CONTINGENCY		\$ 106,852
Design Contingency	\$ 33,895	
Bid Contingency	\$ 35,589	
Construction Contingency	\$ 37,369	
SOFT COSTS		\$ 80,362
SITE ACQUISITION AND EVALUATION		\$ -
Land Purchase	TBD	\$ -
Topographic Survey		\$ -
Geotechnical Survey		\$ -
FEES AND SERVICES		\$ 80,362
Architect/Engineer Design Fees	\$ 80,362	
Interior Design Fees	\$ -	
Reimbursable Expenses		
Document Printing	\$ -	
Construction Testing	\$ -	
OTHER COSTS		\$ -
Technology, Telecom, Security	use \$500/student	
Furnishings, Fixtures, Equipment	use \$750/student	
Project Budget		\$ 865,105

Edison Status Quo Scenario

St. Joseph School District, St. Joseph, Missouri

January 13, 2016

CONSTRUCTION BUDGET		\$ 1,102,480
COMMUNITY PRIORITIZED ITEMS NOT INCLUDED IN THE SOLUTION		
TRIAGE IN 10 - INFRASTRUCTURE, ABATEMENT, & UPGRADES		\$ 952,364
type total from Triage in 10		
SITE		\$ -
Additional Parking	\$ -	
Spaces x	\$2,500.00	
Hard Surface Play Areas	\$ -	
SF x	\$4.00	
Turf Play Areas	\$ -	
SF x	\$0.50	
BUILDING		\$ -
Demolition	\$ -	
SF x	\$ 5.00	
Light Remodel	\$ -	
SF x	\$ 50.00	
Moderate Remodel	\$ -	
SF x	\$ 100.00	
Heavy Remodel	\$ -	
SF x	\$ 150.00	
Additions	\$ -	
SF x	\$ 185.00	
CONTINGENCY		\$ 150,116
Design Contingency	\$ 47,618	
Bid Contingency	\$ 49,999	
Construction Contingency	\$ 52,499	
SOFT COSTS		\$ 109,592
SITE ACQUISITION AND EVALUATION		\$ -
Land Purchase	TBD	\$ -
Topographic Survey		\$ -
Geotechnical Survey		\$ -
FEES AND SERVICES		\$ 109,592
Architect/Engineer Design Fees	\$ 109,592	
Interior Design Fees	\$ -	
Reimbursable Expenses		
Document Printing	\$ -	
Construction Testing	\$ -	
OTHER COSTS		\$ -
Technology, Telecom, Security	use \$500/student	
Furnishings, Fixtures, Equipment	use \$750/student	
Project Budget		\$ 1,212,072

Ellison Status Quo Scenario

St. Joseph School District, St. Joseph, Missouri

January 13, 2016

CONSTRUCTION BUDGET		\$ 665,850
COMMUNITY PRIORITIZED ITEMS NOT INCLUDED IN THE SOLUTION		
TRIAGE IN 10 - INFRASTRUCTURE, ABATEMENT, & UPGRADES		\$ 575,186
type total from Triage in 10		
SITE		\$ -
Additional Parking	\$ -	
Spaces x	\$2,500.00	
Hard Surface Play Areas	\$ -	
SF x	\$4.00	
Turf Play Areas	\$ -	
SF x	\$0.50	
BUILDING		\$ -
Demolition	\$ -	
SF x	\$ 5.00	
Light Remodel	\$ -	
SF x	\$ 50.00	
Moderate Remodel	\$ -	
SF x	\$ 100.00	
Heavy Remodel	\$ -	
SF x	\$ 150.00	
Additions	\$ -	
SF x	\$ 185.00	
CONTINGENCY		\$ 90,664
Design Contingency	\$ 28,759	
Bid Contingency	\$ 30,197	
Construction Contingency	\$ 31,707	
SOFT COSTS		\$ 68,905
SITE ACQUISITION AND EVALUATION		\$ -
Land Purchase	TBD	\$ -
Topographic Survey		\$ -
Geotechnical Survey		\$ -
FEES AND SERVICES		\$ 68,905
Architect/Engineer Design Fees	\$ 68,905	
Interior Design Fees	\$ -	
Reimbursable Expenses		
Document Printing	\$ -	
Construction Testing	\$ -	
OTHER COSTS		\$ -
Technology, Telecom, Security	use \$500/student	
Furnishings, Fixtures, Equipment	use \$750/student	
Project Budget		\$ 734,755

Ellison Status Quo Scenario

St. Joseph School District, St. Joseph, Missouri

January 13, 2016

CONSTRUCTION BUDGET		\$ 2,184,376
COMMUNITY PRIORITIZED ITEMS NOT INCLUDED IN THE SOLUTION		
TRIAGE IN 10 - INFRASTRUCTURE, ABATEMENT, & UPGRADES		\$ 1,886,946
type total from Triage in 10		
SITE		\$ -
Additional Parking	\$ -	
Spaces x	\$2,500.00	
Hard Surface Play Areas	\$ -	
SF x	\$4.00	
Turf Play Areas	\$ -	
SF x	\$0.50	
BUILDING		\$ -
Demolition	\$ -	
SF x	\$ 5.00	
Light Remodel	\$ -	
SF x	\$ 50.00	
Moderate Remodel	\$ -	
SF x	\$ 100.00	
Heavy Remodel	\$ -	
SF x	\$ 150.00	
Additions	\$ -	
SF x	\$ 185.00	
CONTINGENCY		\$ 297,430
Design Contingency	\$ 94,347	
Bid Contingency	\$ 99,065	
Construction Contingency	\$ 104,018	
SOFT COSTS		\$ 191,179
SITE ACQUISITION AND EVALUATION		\$ -
Land Purchase	TBD	\$ -
Topographic Survey		\$ -
Geotechnical Survey		\$ -
FEES AND SERVICES		\$ 191,179
Architect/Engineer Design Fees	\$ 191,179	
Interior Design Fees	\$ -	
Reimbursable Expenses		
Document Printing	\$ -	
Construction Testing	\$ -	
OTHER COSTS		\$ -
Technology, Telecom, Security	use \$500/student	
Furnishings, Fixtures, Equipment	use \$750/student	
Project Budget		\$ 2,375,555

Hillyard Status Quo Scenario

St. Joseph School District, St. Joseph, Missouri

January 13, 2016

CONSTRUCTION BUDGET		\$	991,297
COMMUNITY PRIORITIZED ITEMS NOT INCLUDED IN THE SOLUTION			
TRIAGE IN 10 - INFRASTRUCTURE, ABATEMENT, & UPGRADES		\$	856,320
type total from Triage in 10			
SITE		\$	-
Additional Parking		\$	-
	Spaces x		\$2,500.00
Hard Surface Play Areas		\$	-
	SF x		\$4.00
Turf Play Areas		\$	-
	SF x		\$0.50
BUILDING		\$	-
Demolition		\$	-
	SF x		\$ 5.00
Light Remodel		\$	-
	SF x		\$ 50.00
Moderate Remodel		\$	-
	SF x		\$ 100.00
Heavy Remodel		\$	-
	SF x		\$ 150.00
Additions		\$	-
	SF x		\$ 185.00
CONTINGENCY		\$	134,977
Design Contingency		\$	42,816
Bid Contingency		\$	44,957
Construction Contingency		\$	47,205
SOFT COSTS		\$	99,658
SITE ACQUISITION AND EVALUATION		\$	-
Land Purchase	TBD	\$	-
Topographic Survey		\$	-
Geotechnical Survey		\$	-
FEES AND SERVICES		\$	99,658
Architect/Engineer Design Fees		\$	99,658
Interior Design Fees		\$	-
Reimbursable Expenses			
Document Printing		\$	-
Construction Testing		\$	-
OTHER COSTS		\$	-
Technology, Telecom, Security	use \$500/student		
Furnishings, Fixtures, Equipment	use \$750/student		
Project Budget		\$	1,090,955

Hosea Status Quo Scenario

St. Joseph School District, St. Joseph, Missouri

January 13, 2016

CONSTRUCTION BUDGET		\$ 921,827
COMMUNITY PRIORITIZED ITEMS NOT INCLUDED IN THE SOLUTION		
TRIAGE IN 10 - INFRASTRUCTURE, ABATEMENT, & UPGRADES		\$ 796,309
type total from Triage in 10		
SITE		\$ -
Additional Parking	\$ -	
Spaces x	\$2,500.00	
Hard Surface Play Areas	\$ -	
SF x	\$4.00	
Turf Play Areas	\$ -	
SF x	\$0.50	
BUILDING		\$ -
Demolition	\$ -	
SF x	\$ 5.00	
Light Remodel	\$ -	
SF x	\$ 50.00	
Moderate Remodel	\$ -	
SF x	\$ 100.00	
Heavy Remodel	\$ -	
SF x	\$ 150.00	
Additions	\$ -	
SF x	\$ 185.00	
CONTINGENCY		\$ 125,518
Design Contingency	\$ 39,815	
Bid Contingency	\$ 41,806	
Construction Contingency	\$ 43,897	
SOFT COSTS		\$ 93,254
SITE ACQUISITION AND EVALUATION		\$ -
Land Purchase	TBD	\$ -
Topographic Survey		\$ -
Geotechnical Survey		\$ -
FEES AND SERVICES		\$ 93,254
Architect/Engineer Design Fees	\$ 93,254	
Interior Design Fees	\$ -	
Reimbursable Expenses		
Document Printing	\$ -	
Construction Testing	\$ -	
OTHER COSTS		\$ -
Technology, Telecom, Security	use \$500/student	
Furnishings, Fixtures, Equipment	use \$750/student	
Project Budget		\$ 1,015,082

Humboldt Status Quo Scenario

St. Joseph School District, St. Joseph, Missouri

January 13, 2016

CONSTRUCTION BUDGET		\$	598,185
COMMUNITY PRIORITIZED ITEMS NOT INCLUDED IN THE SOLUTION			
TRIAGE IN 10 - INFRASTRUCTURE, ABATEMENT, & UPGRADES		\$	516,735
type total from Triage in 10			
SITE		\$	-
Additional Parking		\$	-
	Spaces x		\$2,500.00
Hard Surface Play Areas		\$	-
	SF x		\$4.00
Turf Play Areas		\$	-
	SF x		\$0.50
BUILDING		\$	-
Demolition		\$	-
	SF x		\$ 5.00
Light Remodel		\$	-
	SF x		\$ 50.00
Moderate Remodel		\$	-
	SF x		\$ 100.00
Heavy Remodel		\$	-
	SF x		\$ 150.00
Additions		\$	-
	SF x		\$ 185.00
CONTINGENCY		\$	81,450
Design Contingency		\$	25,837
Bid Contingency		\$	27,129
Construction Contingency		\$	28,485
SOFT COSTS		\$	62,270
SITE ACQUISITION AND EVALUATION		\$	-
Land Purchase	TBD	\$	-
Topographic Survey		\$	-
Geotechnical Survey		\$	-
FEES AND SERVICES		\$	62,270
Architect/Engineer Design Fees		\$	62,270
Interior Design Fees		\$	-
Reimbursable Expenses			
Document Printing		\$	-
Construction Testing		\$	-
OTHER COSTS		\$	-
Technology, Telecom, Security	use \$500/student		
Furnishings, Fixtures, Equipment	use \$750/student		
Project Budget		\$	660,455

Hyde Status Quo Scenario

St. Joseph School District, St. Joseph, Missouri

January 13, 2016

CONSTRUCTION BUDGET		\$ 1,023,888
COMMUNITY PRIORITIZED ITEMS NOT INCLUDED IN THE SOLUTION		
TRIAGE IN 10 - INFRASTRUCTURE, ABATEMENT, & UPGRADES		\$ 884,473
type total from Triage in 10		
SITE		\$ -
Additional Parking	\$ -	
Spaces x	\$2,500.00	
Hard Surface Play Areas	\$ -	
SF x	\$4.00	
Turf Play Areas	\$ -	
SF x	\$0.50	
BUILDING		\$ -
Demolition	\$ -	
SF x	\$ 5.00	
Light Remodel	\$ -	
SF x	\$ 50.00	
Moderate Remodel	\$ -	
SF x	\$ 100.00	
Heavy Remodel	\$ -	
SF x	\$ 150.00	
Additions	\$ -	
SF x	\$ 185.00	
CONTINGENCY		\$ 139,415
Design Contingency	\$ 44,224	
Bid Contingency	\$ 46,435	
Construction Contingency	\$ 48,757	
SOFT COSTS		\$ 102,631
SITE ACQUISITION AND EVALUATION		\$ -
Land Purchase	TBD	
Topographic Survey	\$ -	
Geotechnical Survey	\$ -	
FEES AND SERVICES		\$ 102,631
Architect/Engineer Design Fees	\$ 102,631	
Interior Design Fees	\$ -	
Reimbursable Expenses		
Document Printing	\$ -	
Construction Testing	\$ -	
OTHER COSTS		\$ -
Technology, Telecom, Security	use \$500/student	
Furnishings, Fixtures, Equipment	use \$750/student	
Project Budget		\$ 1,126,519

Lafayette Status Quo Scenario

St. Joseph School District, St. Joseph, Missouri

January 13, 2016

CONSTRUCTION BUDGET		\$ 1,678,429	
COMMUNITY PRIORITIZED ITEMS NOT INCLUDED IN THE SOLUTION			
TRIAGE IN 10 - INFRASTRUCTURE, ABATEMENT, & UPGRADES		\$ 1,449,890	
type total from Triage in 10			
SITE		\$ -	
Additional Parking	\$ -		
Spaces x	\$2,500.00		
Hard Surface Play Areas	\$ -		
SF x	\$4.00		
Turf Play Areas	\$ -		
SF x	\$0.50		
BUILDING		\$ -	
Demolition	\$ -		
SF x	\$ 5.00		
Light Remodel	\$ -		
SF x	\$ 50.00		
Moderate Remodel	\$ -		
SF x	\$ 100.00		
Heavy Remodel	\$ -		
SF x	\$ 150.00		
Additions	\$ -		
SF x	\$ 185.00		
CONTINGENCY			\$ 228,539
Design Contingency	\$ 72,495		
Bid Contingency	\$ 76,119		
Construction Contingency	\$ 79,925		
SOFT COSTS		\$ 155,884	
SITE ACQUISITION AND EVALUATION		\$ -	
Land Purchase	TBD		
Topographic Survey	\$ -		
Geotechnical Survey	\$ -		
FEES AND SERVICES		\$ 155,884	
Architect/Engineer Design Fees	\$ 155,884		
Interior Design Fees	\$ -		
Reimbursable Expenses			
Document Printing	\$ -		
Construction Testing	\$ -		
OTHER COSTS			\$ -
Technology, Telecom, Security	use \$500/student		
Furnishings, Fixtures, Equipment	use \$750/student		
Project Budget		\$ 1,834,313	

Lake Status Quo Scenario

St. Joseph School District, St. Joseph, Missouri

January 13, 2016

CONSTRUCTION BUDGET		\$	843,503
COMMUNITY PRIORITIZED ITEMS NOT INCLUDED IN THE SOLUTION			
TRIAGE IN 10 - INFRASTRUCTURE, ABATEMENT, & UPGRADES		\$	728,650
type total from Triage in 10			
SITE		\$	-
Additional Parking		\$ -	
	Spaces x	\$2,500.00	
Hard Surface Play Areas		\$ -	
	SF x	\$4.00	
Turf Play Areas		\$ -	
	SF x	\$0.50	
BUILDING		\$	-
Demolition		\$ -	
	SF x	\$ 5.00	
Light Remodel		\$ -	
	SF x	\$ 50.00	
Moderate Remodel		\$ -	
	SF x	\$ 100.00	
Heavy Remodel		\$ -	
	SF x	\$ 150.00	
Additions		\$ -	
	SF x	\$ 185.00	
CONTINGENCY		\$	114,853
Design Contingency		\$ 36,433	
Bid Contingency		\$ 38,254	
Construction Contingency		\$ 40,167	
SOFT COSTS		\$	85,930
SITE ACQUISITION AND EVALUATION		\$	-
Land Purchase	TBD	\$ -	
Topographic Survey		\$ -	
Geotechnical Survey		\$ -	
FEES AND SERVICES		\$	85,930
Architect/Engineer Design Fees		\$ 85,930	
Interior Design Fees		\$ -	
Reimbursable Expenses			
Document Printing		\$ -	
Construction Testing		\$ -	
OTHER COSTS		\$	-
Technology, Telecom, Security	use \$500/student		
Furnishings, Fixtures, Equipment	use \$750/student		
Project Budget		\$	929,434

Lindbergh Status Quo Scenario

St. Joseph School District, St. Joseph, Missouri

January 13, 2016

CONSTRUCTION BUDGET		\$ 991,286
COMMUNITY PRIORITIZED ITEMS NOT INCLUDED IN THE SOLUTION		
TRIAGE IN 10 - INFRASTRUCTURE, ABATEMENT, & UPGRADES		\$ 856,310
type total from Triage in 10		
SITE		\$ -
Additional Parking	\$ -	
Spaces x	\$2,500.00	
Hard Surface Play Areas	\$ -	
SF x	\$4.00	
Turf Play Areas	\$ -	
SF x	\$0.50	
BUILDING		\$ -
Demolition	\$ -	
SF x	\$ 5.00	
Light Remodel	\$ -	
SF x	\$ 50.00	
Moderate Remodel	\$ -	
SF x	\$ 100.00	
Heavy Remodel	\$ -	
SF x	\$ 150.00	
Additions	\$ -	
SF x	\$ 185.00	
CONTINGENCY		\$ 134,976
Design Contingency	\$ 42,816	
Bid Contingency	\$ 44,956	
Construction Contingency	\$ 47,204	
SOFT COSTS		\$ 99,657
SITE ACQUISITION AND EVALUATION		\$ -
Land Purchase	TBD	\$ -
Topographic Survey		\$ -
Geotechnical Survey		\$ -
FEES AND SERVICES		\$ 99,657
Architect/Engineer Design Fees	\$ 99,657	
Interior Design Fees	\$ -	
Reimbursable Expenses		
Document Printing	\$ -	
Construction Testing	\$ -	
OTHER COSTS		\$ -
Technology, Telecom, Security	use \$500/student	
Furnishings, Fixtures, Equipment	use \$750/student	
Project Budget		\$ 1,090,942

Twain Status Quo Scenario

St. Joseph School District, St. Joseph, Missouri

January 13, 2016

CONSTRUCTION BUDGET		\$	650,971
COMMUNITY PRIORITIZED ITEMS NOT INCLUDED IN THE SOLUTION			
TRIAGE IN 10 - INFRASTRUCTURE, ABATEMENT, & UPGRADES		\$	562,333
type total from Triage in 10			
SITE		\$	-
Additional Parking		\$	-
	Spaces x		\$2,500.00
Hard Surface Play Areas		\$	-
	SF x		\$4.00
Turf Play Areas		\$	-
	SF x		\$0.50
BUILDING		\$	-
Demolition		\$	-
	SF x		\$ 5.00
Light Remodel		\$	-
	SF x		\$ 50.00
Moderate Remodel		\$	-
	SF x		\$ 100.00
Heavy Remodel		\$	-
	SF x		\$ 150.00
Additions		\$	-
	SF x		\$ 185.00
CONTINGENCY		\$	88,638
Design Contingency		\$	28,117
Bid Contingency		\$	29,522
Construction Contingency		\$	30,999
SOFT COSTS		\$	67,453
SITE ACQUISITION AND EVALUATION		\$	-
Land Purchase	TBD	\$	-
Topographic Survey		\$	-
Geotechnical Survey		\$	-
FEES AND SERVICES		\$	67,453
Architect/Engineer Design Fees		\$	67,453
Interior Design Fees		\$	-
Reimbursable Expenses			
Document Printing		\$	-
Construction Testing		\$	-
OTHER COSTS		\$	-
Technology, Telecom, Security	use \$500/student		
Furnishings, Fixtures, Equipment	use \$750/student		
Project Budget		\$	718,424

Noyes Status Quo Scenario

St. Joseph School District, St. Joseph, Missouri

January 13, 2016

CONSTRUCTION BUDGET		\$ 640,001
COMMUNITY PRIORITIZED ITEMS NOT INCLUDED IN THE SOLUTION		
TRIAGE IN 10 - INFRASTRUCTURE, ABATEMENT, & UPGRADES		\$ 552,857
type total from Triage in 10		
SITE		\$ -
Additional Parking	\$ -	
Spaces x	\$2,500.00	
Hard Surface Play Areas	\$ -	
SF x	\$4.00	
Turf Play Areas	\$ -	
SF x	\$0.50	
BUILDING		\$ -
Demolition	\$ -	
SF x	\$ 5.00	
Light Remodel	\$ -	
SF x	\$ 50.00	
Moderate Remodel	\$ -	
SF x	\$ 100.00	
Heavy Remodel	\$ -	
SF x	\$ 150.00	
Additions	\$ -	
SF x	\$ 185.00	
CONTINGENCY		\$ 87,144
Design Contingency	\$ 27,643	
Bid Contingency	\$ 29,025	
Construction Contingency	\$ 30,476	
SOFT COSTS		\$ 66,380
SITE ACQUISITION AND EVALUATION		\$ -
Land Purchase	TBD	\$ -
Topographic Survey		\$ -
Geotechnical Survey		\$ -
FEES AND SERVICES		\$ 66,380
Architect/Engineer Design Fees	\$ 66,380	
Interior Design Fees	\$ -	
Reimbursable Expenses		
Document Printing	\$ -	
Construction Testing	\$ -	
OTHER COSTS		\$ -
Technology, Telecom, Security	use \$500/student	
Furnishings, Fixtures, Equipment	use \$750/student	
Project Budget		\$ 706,381

Parkway Status Quo Scenario

St. Joseph School District, St. Joseph, Missouri

January 13, 2016

CONSTRUCTION BUDGET		\$ 903,482
COMMUNITY PRIORITIZED ITEMS NOT INCLUDED IN THE SOLUTION		
TRIAGE IN 10 - INFRASTRUCTURE, ABATEMENT, & UPGRADES		\$ 780,462
type total from Triage in 10		
SITE		\$ -
Additional Parking	\$ -	
Spaces x	\$2,500.00	
Hard Surface Play Areas	\$ -	
SF x	\$4.00	
Turf Play Areas	\$ -	
SF x	\$0.50	
BUILDING		\$ -
Demolition	\$ -	
SF x	\$ 5.00	
Light Remodel	\$ -	
SF x	\$ 50.00	
Moderate Remodel	\$ -	
SF x	\$ 100.00	
Heavy Remodel	\$ -	
SF x	\$ 150.00	
Additions	\$ -	
SF x	\$ 185.00	
CONTINGENCY		\$ 123,020
Design Contingency	\$ 39,023	
Bid Contingency	\$ 40,974	
Construction Contingency	\$ 43,023	
SOFT COSTS		\$ 91,549
SITE ACQUISITION AND EVALUATION		\$ -
Land Purchase	TBD	
Topographic Survey	\$ -	
Geotechnical Survey	\$ -	
FEES AND SERVICES		\$ 91,549
Architect/Engineer Design Fees	\$ 91,549	
Interior Design Fees	\$ -	
Reimbursable Expenses		
Document Printing	\$ -	
Construction Testing	\$ -	
OTHER COSTS		\$ -
Technology, Telecom, Security	use \$500/student	
Furnishings, Fixtures, Equipment	use \$750/student	
Project Budget		\$ 995,031

Pershing Status Quo Scenario

St. Joseph School District, St. Joseph, Missouri

January 13, 2016

CONSTRUCTION BUDGET		\$	532,909
COMMUNITY PRIORITIZED ITEMS NOT INCLUDED IN THE SOLUTION			
TRIAGE IN 10 - INFRASTRUCTURE, ABATEMENT, & UPGRADES		\$	460,347
type total from Triage in 10			
SITE		\$	-
Additional Parking		\$	-
	Spaces x		\$2,500.00
Hard Surface Play Areas		\$	-
	SF x		\$4.00
Turf Play Areas		\$	-
	SF x		\$0.50
BUILDING		\$	-
Demolition		\$	-
	SF x		\$ 5.00
Light Remodel		\$	-
	SF x		\$ 50.00
Moderate Remodel		\$	-
	SF x		\$ 100.00
Heavy Remodel		\$	-
	SF x		\$ 150.00
Additions		\$	-
	SF x		\$ 185.00
CONTINGENCY		\$	72,562
Design Contingency		\$	23,017
Bid Contingency		\$	24,168
Construction Contingency		\$	25,377
SOFT COSTS		\$	55,790
SITE ACQUISITION AND EVALUATION		\$	-
Land Purchase	TBD	\$	-
Topographic Survey		\$	-
Geotechnical Survey		\$	-
FEES AND SERVICES		\$	55,790
Architect/Engineer Design Fees		\$	55,790
Interior Design Fees		\$	-
Reimbursable Expenses			
Document Printing		\$	-
Construction Testing		\$	-
OTHER COSTS		\$	-
Technology, Telecom, Security	use \$500/student		
Furnishings, Fixtures, Equipment	use \$750/student		
Project Budget		\$	588,700

Pickett Status Quo Scenario

St. Joseph School District, St. Joseph, Missouri

January 13, 2016

CONSTRUCTION BUDGET		\$	268,070
COMMUNITY PRIORITIZED ITEMS NOT INCLUDED IN THE SOLUTION			
TRIAGE IN 10 - INFRASTRUCTURE, ABATEMENT, & UPGRADES		\$	231,569
type total from Triage in 10			
SITE		\$	-
Additional Parking		\$	-
	Spaces x		\$2,500.00
Hard Surface Play Areas		\$	-
	SF x		\$4.00
Turf Play Areas		\$	-
	SF x		\$0.50
BUILDING		\$	-
Demolition		\$	-
	SF x		\$ 5.00
Light Remodel		\$	-
	SF x		\$ 50.00
Moderate Remodel		\$	-
	SF x		\$ 100.00
Heavy Remodel		\$	-
	SF x		\$ 150.00
Additions		\$	-
	SF x		\$ 185.00
CONTINGENCY		\$	36,501
Design Contingency		\$	11,578
Bid Contingency		\$	12,157
Construction Contingency		\$	12,765
SOFT COSTS		\$	30,083
SITE ACQUISITION AND EVALUATION		\$	-
Land Purchase	TBD	\$	-
Topographic Survey		\$	-
Geotechnical Survey		\$	-
FEES AND SERVICES		\$	30,083
Architect/Engineer Design Fees		\$	30,083
Interior Design Fees		\$	-
Reimbursable Expenses			
Document Printing		\$	-
Construction Testing		\$	-
OTHER COSTS		\$	-
Technology, Telecom, Security	use \$500/student		
Furnishings, Fixtures, Equipment	use \$750/student		
Project Budget		\$	298,153

Robidoux Status Quo Scenario

St. Joseph School District, St. Joseph, Missouri

January 13, 2016

CONSTRUCTION BUDGET		\$ 637,824
COMMUNITY PRIORITIZED ITEMS NOT INCLUDED IN THE SOLUTION		
TRIAGE IN 10 - INFRASTRUCTURE, ABATEMENT, & UPGRADES		\$ 550,976
type total from Triage in 10		
SITE		\$ -
Additional Parking	\$ -	
Spaces x	\$2,500.00	
Hard Surface Play Areas	\$ -	
SF x	\$4.00	
Turf Play Areas	\$ -	
SF x	\$0.50	
BUILDING		\$ -
Demolition	\$ -	
SF x	\$ 5.00	
Light Remodel	\$ -	
SF x	\$ 50.00	
Moderate Remodel	\$ -	
SF x	\$ 100.00	
Heavy Remodel	\$ -	
SF x	\$ 150.00	
Additions	\$ -	
SF x	\$ 185.00	
CONTINGENCY		\$ 86,848
Design Contingency	\$ 27,549	
Bid Contingency	\$ 28,926	
Construction Contingency	\$ 30,373	
SOFT COSTS		\$ 66,167
SITE ACQUISITION AND EVALUATION		\$ -
Land Purchase	TBD	
Topographic Survey	\$ -	
Geotechnical Survey	\$ -	
FEES AND SERVICES		\$ 66,167
Architect/Engineer Design Fees	\$ 66,167	
Interior Design Fees	\$ -	
Reimbursable Expenses		
Document Printing	\$ -	
Construction Testing	\$ -	
OTHER COSTS		\$ -
Technology, Telecom, Security	use \$500/student	
Furnishings, Fixtures, Equipment	use \$750/student	
Project Budget		\$ 703,990

Spring Garden Status Quo Scenario

St. Joseph School District, St. Joseph, Missouri

January 13, 2016

CONSTRUCTION BUDGET		\$ 800,574
COMMUNITY PRIORITIZED ITEMS NOT INCLUDED IN THE SOLUTION		
TRIAGE IN 10 - INFRASTRUCTURE, ABATEMENT, & UPGRADES		\$ 691,566
type total from Triage in 10		
SITE		\$ -
Additional Parking	\$ -	
Spaces x	\$2,500.00	
Hard Surface Play Areas	\$ -	
SF x	\$4.00	
Turf Play Areas	\$ -	
SF x	\$0.50	
BUILDING		\$ -
Demolition	\$ -	
SF x	\$ 5.00	
Light Remodel	\$ -	
SF x	\$ 50.00	
Moderate Remodel	\$ -	
SF x	\$ 100.00	
Heavy Remodel	\$ -	
SF x	\$ 150.00	
Additions	\$ -	
SF x	\$ 185.00	
CONTINGENCY		\$ 109,008
Design Contingency	\$ 34,578	
Bid Contingency	\$ 36,307	
Construction Contingency	\$ 38,123	
SOFT COSTS		\$ 81,869
SITE ACQUISITION AND EVALUATION		\$ -
Land Purchase	TBD	\$ -
Topographic Survey		\$ -
Geotechnical Survey		\$ -
FEES AND SERVICES		\$ 81,869
Architect/Engineer Design Fees	\$ 81,869	
Interior Design Fees	\$ -	
Reimbursable Expenses		
Document Printing	\$ -	
Construction Testing	\$ -	
OTHER COSTS		\$ -
Technology, Telecom, Security	use \$500/student	
Furnishings, Fixtures, Equipment	use \$750/student	
Project Budget		\$ 882,443

Skaith Status Quo Scenario

St. Joseph School District, St. Joseph, Missouri

January 13, 2016

CONSTRUCTION BUDGET		\$ 1,006,657
COMMUNITY PRIORITIZED ITEMS NOT INCLUDED IN THE SOLUTION		
TRIAGE IN 10 - INFRASTRUCTURE, ABATEMENT, & UPGRADES		\$ 869,588
type total from Triage in 10		
SITE		\$ -
Additional Parking	\$ -	
Spaces x	\$2,500.00	
Hard Surface Play Areas	\$ -	
SF x	\$4.00	
Turf Play Areas	\$ -	
SF x	\$0.50	
BUILDING		\$ -
Demolition	\$ -	
SF x	\$ 5.00	
Light Remodel	\$ -	
SF x	\$ 50.00	
Moderate Remodel	\$ -	
SF x	\$ 100.00	
Heavy Remodel	\$ -	
SF x	\$ 150.00	
Additions	\$ -	
SF x	\$ 185.00	
CONTINGENCY		\$ 137,069
Design Contingency	\$ 43,479	
Bid Contingency	\$ 45,653	
Construction Contingency	\$ 47,936	
SOFT COSTS		\$ 101,061
SITE ACQUISITION AND EVALUATION		\$ -
Land Purchase	TBD	\$ -
Topographic Survey		\$ -
Geotechnical Survey		\$ -
FEES AND SERVICES		\$ 101,061
Architect/Engineer Design Fees	\$ 101,061	
Interior Design Fees	\$ -	
Reimbursable Expenses		
Document Printing	\$ -	
Construction Testing	\$ -	
OTHER COSTS		\$ -
Technology, Telecom, Security	use \$500/student	
Furnishings, Fixtures, Equipment	use \$750/student	
Project Budget		\$ 1,107,718

Truman Status Quo Scenario

St. Joseph School District, St. Joseph, Missouri

January 13, 2016

CONSTRUCTION BUDGET		\$ 1,014,670
COMMUNITY PRIORITIZED ITEMS NOT INCLUDED IN THE SOLUTION		
TRIAGE IN 10 - INFRASTRUCTURE, ABATEMENT, & UPGRADES		\$ 876,510
type total from Triage in 10		
SITE		\$ -
Additional Parking	\$ -	
Spaces x	\$2,500.00	
Hard Surface Play Areas	\$ -	
SF x	\$4.00	
Turf Play Areas	\$ -	
SF x	\$0.50	
BUILDING		\$ -
Demolition	\$ -	
SF x	\$ 5.00	
Light Remodel	\$ -	
SF x	\$ 50.00	
Moderate Remodel	\$ -	
SF x	\$ 100.00	
Heavy Remodel	\$ -	
SF x	\$ 150.00	
Additions	\$ -	
SF x	\$ 185.00	
CONTINGENCY		\$ 138,160
Design Contingency	\$ 43,826	
Bid Contingency	\$ 46,017	
Construction Contingency	\$ 48,318	
SOFT COSTS		\$ 101,792
SITE ACQUISITION AND EVALUATION		\$ -
Land Purchase	TBD	
Topographic Survey	\$ -	
Geotechnical Survey	\$ -	
FEES AND SERVICES		\$ 101,792
Architect/Engineer Design Fees	\$ 101,792	
Interior Design Fees	\$ -	
Reimbursable Expenses		
Document Printing	\$ -	
Construction Testing	\$ -	
OTHER COSTS		\$ -
Technology, Telecom, Security	use \$500/student	
Furnishings, Fixtures, Equipment	use \$750/student	
Project Budget		\$ 1,116,462

Webster Status Quo Scenario

St. Joseph School District, St. Joseph, Missouri

January 13, 2016

CONSTRUCTION BUDGET		\$ 926,914
COMMUNITY PRIORITIZED ITEMS NOT INCLUDED IN THE SOLUTION		
TRIAGE IN 10 - INFRASTRUCTURE, ABATEMENT, & UPGRADES		\$ 800,703
type total from Triage in 10		
SITE		\$ -
Additional Parking	\$ -	
Spaces x	\$2,500.00	
Hard Surface Play Areas	\$ -	
SF x	\$4.00	
Turf Play Areas	\$ -	
SF x	\$0.50	
BUILDING		\$ -
Demolition	\$ -	
SF x	\$ 5.00	
Light Remodel	\$ -	
SF x	\$ 50.00	
Moderate Remodel	\$ -	
SF x	\$ 100.00	
Heavy Remodel	\$ -	
SF x	\$ 150.00	
Additions	\$ -	
SF x	\$ 185.00	
CONTINGENCY		\$ 126,211
Design Contingency	\$ 40,035	
Bid Contingency	\$ 42,037	
Construction Contingency	\$ 44,139	
SOFT COSTS		\$ 93,726
SITE ACQUISITION AND EVALUATION		\$ -
Land Purchase	TBD	
Topographic Survey	\$ -	
Geotechnical Survey	\$ -	
FEES AND SERVICES		\$ 93,726
Architect/Engineer Design Fees	\$ 93,726	
Interior Design Fees	\$ -	
Reimbursable Expenses	\$ -	
Document Printing	\$ -	
Construction Testing	\$ -	
OTHER COSTS		\$ -
Technology, Telecom, Security	use \$500/student	
Furnishings, Fixtures, Equipment	use \$750/student	
Project Budget		\$ 1,020,640

Life Cycle Cost Generation

Status Quo Benton High School

Year	First Costs	Escalated First Costs	Renewal Costs	Escalated Renewal Costs	Option Variable Costs	O and M Costs	Energy Costs	Total Annual Costs	Present Worth	Present Worth Of Total Annual Costs
30	\$1,721,392		\$13,632,737		\$0	\$15,326,352	\$10,180,094			\$41,115,195
0	\$1,721,392	\$2,229,281	\$97,878	\$126,756	\$0	\$322,149	\$181,512	\$2,859,698	1.000	\$2,859,698
1	\$0	\$0	\$1,674,341	\$2,233,398	\$0	\$331,813	\$188,773	\$2,753,984	0.980	\$2,699,985
2	\$0	\$0	\$677,843	\$931,298	\$0	\$341,767	\$196,323	\$1,469,388	0.961	\$1,412,330
3	\$0	\$0	\$0	\$0	\$0	\$352,020	\$204,176	\$556,196	0.942	\$524,116
4	\$0	\$0	\$153,808	\$224,188	\$0	\$362,581	\$212,343	\$799,112	0.924	\$738,256
5	\$0	\$0	\$0	\$0	\$0	\$373,458	\$220,837	\$594,295	0.906	\$538,272
6	\$0	\$0	\$369,921	\$572,028	\$0	\$384,662	\$229,671	\$1,186,361	0.888	\$1,053,454
7	\$0	\$0	\$338,024	\$538,385	\$0	\$396,202	\$238,858	\$1,173,445	0.871	\$1,021,555
8	\$0	\$0	\$17,625	\$28,914	\$0	\$408,088	\$248,412	\$685,414	0.853	\$584,995
9	\$0	\$0	\$89,488	\$151,212	\$0	\$420,331	\$258,348	\$829,890	0.837	\$694,415
10	\$0	\$0	\$0	\$0	\$0	\$432,941	\$268,682	\$701,623	0.820	\$575,575
11	\$0	\$0	\$1,740,552	\$3,120,194	\$0	\$445,929	\$279,430	\$3,845,553	0.804	\$3,092,836
12	\$0	\$0	\$902,790	\$1,666,935	\$0	\$459,307	\$290,607	\$2,416,849	0.788	\$1,905,669
13	\$0	\$0	\$0	\$0	\$0	\$473,086	\$302,231	\$775,317	0.773	\$599,345
14	\$0	\$0	\$0	\$0	\$0	\$487,279	\$314,320	\$801,599	0.758	\$607,512
15	\$0	\$0	\$0	\$0	\$0	\$501,897	\$326,893	\$828,790	0.743	\$615,803
16	\$0	\$0	\$2,105,259	\$4,375,082	\$0	\$516,954	\$339,969	\$5,232,005	0.728	\$3,811,232
17	\$0	\$0	\$0	\$0	\$0	\$532,462	\$353,567	\$886,029	0.714	\$632,769
18	\$0	\$0	\$0	\$0	\$0	\$548,436	\$367,710	\$916,146	0.700	\$641,448
19	\$0	\$0	\$650,984	\$1,478,301	\$0	\$564,889	\$382,419	\$2,425,609	0.686	\$1,665,013
20	\$0	\$0	\$0	\$0	\$0	\$581,836	\$397,715	\$979,551	0.673	\$659,210
21	\$0	\$0	\$1,805,941	\$4,350,812	\$0	\$599,291	\$413,624	\$5,363,727	0.660	\$3,538,857
22	\$0	\$0	\$0	\$0	\$0	\$617,270	\$430,169	\$1,047,439	0.647	\$677,524
23	\$0	\$0	\$1,034,411	\$2,643,836	\$0	\$635,788	\$447,376	\$3,727,000	0.634	\$2,363,499
24	\$0	\$0	\$634,112	\$1,669,339	\$0	\$654,862	\$465,271	\$2,789,472	0.622	\$1,734,275
25	\$0	\$0	\$97,878	\$265,399	\$0	\$674,508	\$483,881	\$1,423,787	0.610	\$867,842
26	\$0	\$0	\$1,054,519	\$2,945,150	\$0	\$694,743	\$503,237	\$4,143,129	0.598	\$2,475,848
27	\$0	\$0	\$187,366	\$538,989	\$0	\$715,585	\$523,366	\$1,777,940	0.586	\$1,041,628
28	\$0	\$0	\$0	\$0	\$0	\$737,053	\$544,301	\$1,281,354	0.574	\$735,977
29	\$0	\$0	\$0	\$0	\$0	\$759,164	\$566,073	\$1,325,237	0.563	\$746,257

Life Cycle Cost Generation

Status Quo Bode Middle School

Year	First Costs	Escalated First Costs	Renewal Costs	Escalated Renewal Costs	Option Variable Costs	O and M Costs	Energy Costs	Total Annual Costs	Present Worth	Present Worth Of Total Annual Costs
30	\$613,565		\$7,038,529		\$0	\$7,340,422	\$5,435,724			\$20,503,186
0	\$613,565	\$794,595	\$1,278,318	\$1,655,481	\$0	\$154,290	\$96,920	\$2,701,286	1.000	\$2,701,286
1	\$0	\$0	\$0	\$0	\$0	\$158,919	\$100,796	\$259,715	0.980	\$254,622
2	\$0	\$0	\$0	\$0	\$0	\$163,687	\$104,828	\$268,515	0.961	\$258,088
3	\$0	\$0	\$0	\$0	\$0	\$168,597	\$109,021	\$277,618	0.942	\$261,606
4	\$0	\$0	\$0	\$0	\$0	\$173,655	\$113,382	\$287,037	0.924	\$265,178
5	\$0	\$0	\$0	\$0	\$0	\$178,865	\$117,917	\$296,782	0.906	\$268,804
6	\$0	\$0	\$357,717	\$553,157	\$0	\$184,231	\$122,634	\$860,021	0.888	\$763,674
7	\$0	\$0	\$0	\$0	\$0	\$189,758	\$127,539	\$317,297	0.871	\$276,226
8	\$0	\$0	\$0	\$0	\$0	\$195,450	\$132,641	\$328,091	0.853	\$280,023
9	\$0	\$0	\$0	\$0	\$0	\$201,314	\$137,947	\$339,261	0.837	\$283,878
10	\$0	\$0	\$1,611,353	\$2,804,453	\$0	\$207,353	\$143,465	\$3,155,271	0.820	\$2,588,421
11	\$0	\$0	\$97,055	\$173,985	\$0	\$213,574	\$149,203	\$536,762	0.804	\$431,698
12	\$0	\$0	\$0	\$0	\$0	\$219,981	\$155,171	\$375,152	0.788	\$295,805
13	\$0	\$0	\$0	\$0	\$0	\$226,580	\$161,378	\$387,958	0.773	\$299,904
14	\$0	\$0	\$0	\$0	\$0	\$233,378	\$167,833	\$401,211	0.758	\$304,068
15	\$0	\$0	\$0	\$0	\$0	\$240,379	\$174,547	\$414,926	0.743	\$308,296
16	\$0	\$0	\$1,187,361	\$2,467,537	\$0	\$247,591	\$181,528	\$2,896,655	0.728	\$2,110,057
17	\$0	\$0	\$0	\$0	\$0	\$255,018	\$188,790	\$443,808	0.714	\$316,951
18	\$0	\$0	\$0	\$0	\$0	\$262,669	\$196,341	\$459,010	0.700	\$321,380
19	\$0	\$0	\$0	\$0	\$0	\$270,549	\$204,195	\$474,744	0.686	\$325,879
20	\$0	\$0	\$798,523	\$1,867,744	\$0	\$278,665	\$212,363	\$2,358,772	0.673	\$1,587,386
21	\$0	\$0	\$539,515	\$1,299,782	\$0	\$287,025	\$220,857	\$1,807,665	0.660	\$1,192,653
22	\$0	\$0	\$0	\$0	\$0	\$295,636	\$229,691	\$525,327	0.647	\$339,802
23	\$0	\$0	\$0	\$0	\$0	\$304,505	\$238,879	\$543,384	0.634	\$344,590
24	\$0	\$0	\$0	\$0	\$0	\$313,640	\$248,434	\$562,074	0.622	\$349,454
25	\$0	\$0	\$0	\$0	\$0	\$323,049	\$258,372	\$581,421	0.610	\$354,394
26	\$0	\$0	\$1,168,686	\$3,264,004	\$0	\$332,741	\$268,706	\$3,865,451	0.598	\$2,309,913
27	\$0	\$0	\$0	\$0	\$0	\$342,723	\$279,455	\$622,178	0.586	\$364,511
28	\$0	\$0	\$0	\$0	\$0	\$353,005	\$290,633	\$643,638	0.574	\$369,689
29	\$0	\$0	\$0	\$0	\$0	\$363,595	\$302,258	\$665,853	0.563	\$374,950

Life Cycle Cost Generation

Status Quo Central High School

Year	First Costs	Escalated First Costs	Renewal Costs	Escalated Renewal Costs	Option Variable Costs	O and M Costs	Energy Costs	Total Annual Costs	Present Worth	Present Worth Of Total Annual Costs
30	\$2,111,204		\$27,584,191		\$0	\$16,772,718	\$17,573,384			\$68,597,678
0	\$2,111,204	\$2,734,106	\$0	\$0	\$0	\$352,550	\$313,335	\$3,399,991	1.000	\$3,399,991
1	\$0	\$0	\$0	\$0	\$0	\$363,127	\$325,869	\$688,996	0.980	\$675,486
2	\$0	\$0	\$4,954,646	\$6,807,258	\$0	\$374,020	\$338,903	\$7,520,181	0.961	\$7,228,163
3	\$0	\$0	\$0	\$0	\$0	\$385,241	\$352,459	\$737,700	0.942	\$695,151
4	\$0	\$0	\$1,590,222	\$2,317,884	\$0	\$396,798	\$366,558	\$3,081,240	0.924	\$2,846,589
5	\$0	\$0	\$816,743	\$1,226,186	\$0	\$408,702	\$381,220	\$2,016,108	0.906	\$1,826,051
6	\$0	\$0	\$658,766	\$1,018,684	\$0	\$420,963	\$396,469	\$1,836,116	0.888	\$1,630,418
7	\$0	\$0	\$0	\$0	\$0	\$433,592	\$412,328	\$845,920	0.871	\$736,424
8	\$0	\$0	\$1,598,905	\$2,623,044	\$0	\$446,600	\$428,821	\$3,498,464	0.853	\$2,985,906
9	\$0	\$0	\$0	\$0	\$0	\$459,998	\$445,974	\$905,972	0.837	\$758,077
10	\$0	\$0	\$0	\$0	\$0	\$473,798	\$463,813	\$937,611	0.820	\$769,167
11	\$0	\$0	\$112,683	\$202,000	\$0	\$488,012	\$482,365	\$1,172,377	0.804	\$942,899
12	\$0	\$0	\$4,749,033	\$8,768,736	\$0	\$502,652	\$501,660	\$9,773,048	0.788	\$7,705,981
13	\$0	\$0	\$0	\$0	\$0	\$517,732	\$521,726	\$1,039,458	0.773	\$803,535
14	\$0	\$0	\$1,789,819	\$3,506,027	\$0	\$533,264	\$542,595	\$4,581,886	0.758	\$3,472,497
15	\$0	\$0	\$0	\$0	\$0	\$549,262	\$564,299	\$1,113,561	0.743	\$827,392
16	\$0	\$0	\$1,638,188	\$3,404,429	\$0	\$565,739	\$586,871	\$4,557,040	0.728	\$3,319,557
17	\$0	\$0	\$0	\$0	\$0	\$582,712	\$610,346	\$1,193,058	0.714	\$852,037
18	\$0	\$0	\$0	\$0	\$0	\$600,193	\$634,760	\$1,234,953	0.700	\$864,664
19	\$0	\$0	\$1,333,284	\$3,027,716	\$0	\$618,199	\$660,150	\$4,306,065	0.686	\$2,955,815
20	\$0	\$0	\$0	\$0	\$0	\$636,745	\$686,556	\$1,323,301	0.673	\$890,543
21	\$0	\$0	\$634,844	\$1,529,446	\$0	\$655,847	\$714,018	\$2,899,311	0.660	\$1,912,895
22	\$0	\$0	\$3,026,189	\$7,509,311	\$0	\$675,522	\$742,579	\$8,927,413	0.647	\$5,774,599
23	\$0	\$0	\$0	\$0	\$0	\$695,788	\$772,282	\$1,468,070	0.634	\$930,985
24	\$0	\$0	\$0	\$0	\$0	\$716,662	\$803,173	\$1,519,835	0.622	\$944,914
25	\$0	\$0	\$0	\$0	\$0	\$738,162	\$835,300	\$1,573,462	0.610	\$959,073
26	\$0	\$0	\$2,246,718	\$6,274,824	\$0	\$760,306	\$868,712	\$7,903,843	0.598	\$4,723,173
27	\$0	\$0	\$0	\$0	\$0	\$783,116	\$903,461	\$1,686,577	0.586	\$988,101
28	\$0	\$0	\$1,598,905	\$4,737,508	\$0	\$806,609	\$939,599	\$6,483,717	0.574	\$3,724,082
29	\$0	\$0	\$835,249	\$2,549,062	\$0	\$830,807	\$977,183	\$4,357,053	0.563	\$2,453,510

Life Cycle Cost Generation

Status Quo Coleman Elementary School

Year	First Costs	Escalated First Costs	Renewal Costs	Escalated Renewal Costs	Option Variable Costs	O and M Costs	Energy Costs	Total Annual Costs	Present Worth	Present Worth Of Total Annual Costs
30	\$515,458		\$4,293,382		\$0	\$5,454,397	\$4,967,044			\$14,901,818
0	\$515,458	\$667,542	\$0	\$0	\$0	\$114,647	\$88,563	\$870,752	1.000	\$870,752
1	\$0	\$0	\$0	\$0	\$0	\$118,087	\$92,105	\$210,192	0.980	\$206,070
2	\$0	\$0	\$0	\$0	\$0	\$121,629	\$95,790	\$217,419	0.961	\$208,977
3	\$0	\$0	\$0	\$0	\$0	\$125,278	\$99,621	\$224,899	0.942	\$211,928
4	\$0	\$0	\$119,815	\$174,640	\$0	\$129,037	\$103,606	\$407,283	0.924	\$376,266
5	\$0	\$0	\$0	\$0	\$0	\$132,908	\$107,750	\$240,658	0.906	\$217,971
6	\$0	\$0	\$0	\$0	\$0	\$136,895	\$112,060	\$248,955	0.888	\$221,065
7	\$0	\$0	\$0	\$0	\$0	\$141,002	\$116,543	\$257,545	0.871	\$224,208
8	\$0	\$0	\$0	\$0	\$0	\$145,232	\$121,204	\$266,436	0.853	\$227,400
9	\$0	\$0	\$653,712	\$1,104,604	\$0	\$149,589	\$126,053	\$1,380,246	0.837	\$1,154,928
10	\$0	\$0	\$256,613	\$446,618	\$0	\$154,076	\$131,095	\$731,789	0.820	\$600,322
11	\$0	\$0	\$0	\$0	\$0	\$158,699	\$136,338	\$295,037	0.804	\$237,287
12	\$0	\$0	\$0	\$0	\$0	\$163,460	\$141,792	\$305,252	0.788	\$240,689
13	\$0	\$0	\$0	\$0	\$0	\$168,364	\$147,464	\$315,828	0.773	\$244,145
14	\$0	\$0	\$80,603	\$157,890	\$0	\$173,414	\$153,362	\$484,667	0.758	\$367,317
15	\$0	\$0	\$62,195	\$125,487	\$0	\$178,617	\$159,497	\$463,601	0.743	\$344,462
16	\$0	\$0	\$706,431	\$1,468,082	\$0	\$183,975	\$165,877	\$1,817,935	0.728	\$1,324,267
17	\$0	\$0	\$0	\$0	\$0	\$189,495	\$172,512	\$362,007	0.714	\$258,532
18	\$0	\$0	\$0	\$0	\$0	\$195,179	\$179,412	\$374,591	0.700	\$262,274
19	\$0	\$0	\$653,712	\$1,484,496	\$0	\$201,035	\$186,589	\$1,872,120	0.686	\$1,285,081
20	\$0	\$0	\$36,186	\$84,639	\$0	\$207,066	\$194,052	\$485,757	0.673	\$326,901
21	\$0	\$0	\$253,207	\$610,017	\$0	\$213,278	\$201,814	\$1,025,109	0.660	\$676,342
22	\$0	\$0	\$0	\$0	\$0	\$219,676	\$209,887	\$429,563	0.647	\$277,858
23	\$0	\$0	\$0	\$0	\$0	\$226,267	\$218,282	\$444,549	0.634	\$281,913
24	\$0	\$0	\$377,459	\$993,685	\$0	\$233,055	\$227,014	\$1,453,753	0.622	\$903,830
25	\$0	\$0	\$41,840	\$113,452	\$0	\$240,046	\$236,094	\$589,592	0.610	\$359,374
26	\$0	\$0	\$397,896	\$1,111,278	\$0	\$247,248	\$245,538	\$1,604,063	0.598	\$958,555
27	\$0	\$0	\$0	\$0	\$0	\$254,665	\$255,359	\$510,024	0.586	\$298,804
28	\$0	\$0	\$0	\$0	\$0	\$262,305	\$265,574	\$527,879	0.574	\$303,200
29	\$0	\$0	\$653,712	\$1,995,038	\$0	\$270,174	\$276,197	\$2,541,409	0.563	\$1,431,099

Life Cycle Cost Generation

Status Quo Edison Elementary School

Year	First Costs	Escalated First Costs	Renewal Costs	Escalated Renewal Costs	Option Variable Costs	O and M Costs	Energy Costs	Total Annual Costs	Present Worth	Present Worth Of Total Annual Costs
30	\$1,212,072		\$4,291,691		\$0	\$5,503,716	\$3,216,918			\$14,404,681
0	\$1,212,072	\$1,569,689	\$0	\$0	\$0	\$115,684	\$57,358	\$1,742,731	1.000	\$1,742,731
1	\$0	\$0	\$0	\$0	\$0	\$119,155	\$59,652	\$178,807	0.980	\$175,301
2	\$0	\$0	\$557,769	\$766,326	\$0	\$122,729	\$62,038	\$951,093	0.961	\$914,161
3	\$0	\$0	\$0	\$0	\$0	\$126,411	\$64,520	\$190,931	0.942	\$179,919
4	\$0	\$0	\$0	\$0	\$0	\$130,203	\$67,101	\$197,304	0.924	\$182,279
5	\$0	\$0	\$0	\$0	\$0	\$134,110	\$69,785	\$203,895	0.906	\$184,674
6	\$0	\$0	\$186,740	\$288,766	\$0	\$138,133	\$72,576	\$499,475	0.888	\$443,520
7	\$0	\$0	\$0	\$0	\$0	\$142,277	\$75,479	\$217,756	0.871	\$189,570
8	\$0	\$0	\$0	\$0	\$0	\$146,545	\$78,498	\$225,043	0.853	\$192,072
9	\$0	\$0	\$0	\$0	\$0	\$150,941	\$81,638	\$232,579	0.837	\$194,612
10	\$0	\$0	\$0	\$0	\$0	\$155,470	\$84,904	\$240,374	0.820	\$197,190
11	\$0	\$0	\$50,666	\$90,826	\$0	\$160,134	\$88,300	\$339,260	0.804	\$272,854
12	\$0	\$0	\$557,769	\$1,029,878	\$0	\$164,938	\$91,832	\$1,286,648	0.788	\$1,014,513
13	\$0	\$0	\$0	\$0	\$0	\$169,886	\$95,505	\$265,391	0.773	\$205,156
14	\$0	\$0	\$431,495	\$845,244	\$0	\$174,982	\$99,325	\$1,119,552	0.758	\$848,480
15	\$0	\$0	\$0	\$0	\$0	\$180,232	\$103,298	\$283,530	0.743	\$210,667
16	\$0	\$0	\$772,119	\$1,604,594	\$0	\$185,639	\$107,430	\$1,897,663	0.728	\$1,382,344
17	\$0	\$0	\$0	\$0	\$0	\$191,208	\$111,728	\$302,936	0.714	\$216,346
18	\$0	\$0	\$0	\$0	\$0	\$196,944	\$116,197	\$313,141	0.700	\$219,249
19	\$0	\$0	\$81,075	\$184,111	\$0	\$202,853	\$120,845	\$507,808	0.686	\$348,575
20	\$0	\$0	\$0	\$0	\$0	\$208,938	\$125,678	\$334,616	0.673	\$225,187
21	\$0	\$0	\$361,193	\$870,173	\$0	\$215,206	\$130,706	\$1,216,086	0.660	\$802,344
22	\$0	\$0	\$557,769	\$1,384,071	\$0	\$221,663	\$135,934	\$1,741,667	0.647	\$1,126,578
23	\$0	\$0	\$0	\$0	\$0	\$228,312	\$141,371	\$369,683	0.634	\$234,437
24	\$0	\$0	\$0	\$0	\$0	\$235,162	\$147,026	\$382,188	0.622	\$237,614
25	\$0	\$0	\$0	\$0	\$0	\$242,217	\$152,907	\$395,124	0.610	\$240,840
26	\$0	\$0	\$735,096	\$2,053,039	\$0	\$249,483	\$159,023	\$2,461,546	0.598	\$1,470,969
27	\$0	\$0	\$0	\$0	\$0	\$256,968	\$165,384	\$422,352	0.586	\$247,440
28	\$0	\$0	\$0	\$0	\$0	\$264,677	\$172,000	\$436,677	0.574	\$250,816
29	\$0	\$0	\$0	\$0	\$0	\$272,617	\$178,880	\$451,497	0.563	\$254,244

Life Cycle Cost Generation

Status Quo Ellison Elementary School

Year	First Costs	Escalated First Costs	Renewal Costs	Escalated Renewal Costs	Option Variable Costs	O and M Costs	Energy Costs	Total Annual Costs	Present Worth	Present Worth Of Total Annual Costs
30	\$734,755		\$4,286,819		\$0	\$5,680,441	\$4,825,378			\$15,169,497
0	\$734,755	\$951,541	\$0	\$0	\$0	\$119,399	\$86,037	\$1,156,977	1.000	\$1,156,977
1	\$0	\$0	\$0	\$0	\$0	\$122,981	\$89,478	\$212,459	0.980	\$208,293
2	\$0	\$0	\$0	\$0	\$0	\$126,670	\$93,058	\$219,728	0.961	\$211,196
3	\$0	\$0	\$0	\$0	\$0	\$130,470	\$96,780	\$227,250	0.942	\$214,143
4	\$0	\$0	\$0	\$0	\$0	\$134,384	\$100,651	\$235,035	0.924	\$217,136
5	\$0	\$0	\$0	\$0	\$0	\$138,416	\$104,677	\$243,093	0.906	\$220,177
6	\$0	\$0	\$770,614	\$1,191,641	\$0	\$142,568	\$108,864	\$1,443,074	0.888	\$1,281,408
7	\$0	\$0	\$0	\$0	\$0	\$146,845	\$113,219	\$260,064	0.871	\$226,402
8	\$0	\$0	\$0	\$0	\$0	\$151,251	\$117,748	\$268,999	0.853	\$229,588
9	\$0	\$0	\$0	\$0	\$0	\$155,788	\$122,457	\$278,245	0.837	\$232,823
10	\$0	\$0	\$192,641	\$335,279	\$0	\$160,462	\$127,356	\$623,097	0.820	\$511,157
11	\$0	\$0	\$64,303	\$115,273	\$0	\$165,276	\$132,450	\$412,998	0.804	\$332,159
12	\$0	\$0	\$0	\$0	\$0	\$170,234	\$137,748	\$307,982	0.788	\$242,842
13	\$0	\$0	\$0	\$0	\$0	\$175,341	\$143,258	\$318,599	0.773	\$246,287
14	\$0	\$0	\$0	\$0	\$0	\$180,601	\$148,988	\$329,589	0.758	\$249,787
15	\$0	\$0	\$0	\$0	\$0	\$186,019	\$154,948	\$340,967	0.743	\$253,344
16	\$0	\$0	\$748,568	\$1,555,649	\$0	\$191,600	\$161,146	\$1,908,395	0.728	\$1,390,162
17	\$0	\$0	\$0	\$0	\$0	\$197,348	\$167,591	\$364,939	0.714	\$260,626
18	\$0	\$0	\$906,689	\$1,999,003	\$0	\$203,268	\$174,295	\$2,376,566	0.700	\$1,663,975
19	\$0	\$0	\$0	\$0	\$0	\$209,366	\$181,267	\$390,633	0.686	\$268,143
20	\$0	\$0	\$0	\$0	\$0	\$215,647	\$188,518	\$404,165	0.673	\$271,992
21	\$0	\$0	\$308,330	\$742,817	\$0	\$222,117	\$196,058	\$1,160,992	0.660	\$765,995
22	\$0	\$0	\$51,694	\$128,276	\$0	\$228,780	\$203,901	\$560,957	0.647	\$362,849
23	\$0	\$0	\$0	\$0	\$0	\$235,644	\$212,057	\$447,701	0.634	\$283,912
24	\$0	\$0	\$0	\$0	\$0	\$242,713	\$220,539	\$463,252	0.622	\$288,014
25	\$0	\$0	\$0	\$0	\$0	\$249,994	\$229,360	\$479,354	0.610	\$292,181
26	\$0	\$0	\$1,243,980	\$3,474,291	\$0	\$257,494	\$238,535	\$3,970,320	0.598	\$2,372,581
27	\$0	\$0	\$0	\$0	\$0	\$265,219	\$248,076	\$513,295	0.586	\$300,720
28	\$0	\$0	\$0	\$0	\$0	\$273,176	\$257,999	\$531,175	0.574	\$305,093
29	\$0	\$0	\$0	\$0	\$0	\$281,371	\$268,319	\$549,690	0.563	\$309,537

Life Cycle Cost Generation

Status Quo Field Elementary School

Year	First Costs	Escalated First Costs	Renewal Costs	Escalated Renewal Costs	Option Variable Costs	O and M Costs	Energy Costs	Total Annual Costs	Present Worth	Present Worth Of Total Annual Costs
30	\$865,105		\$3,649,349		\$0	\$5,956,226	\$4,353,041			\$14,224,350
0	\$865,105	\$1,120,351	\$0	\$0	\$0	\$125,195	\$77,615	\$1,323,161	1.000	\$1,323,161
1	\$0	\$0	\$11,439	\$15,258	\$0	\$128,951	\$80,720	\$224,929	0.980	\$220,519
2	\$0	\$0	\$58,392	\$80,225	\$0	\$132,820	\$83,949	\$296,994	0.961	\$285,461
3	\$0	\$0	\$0	\$0	\$0	\$136,804	\$87,306	\$224,110	0.942	\$211,184
4	\$0	\$0	\$0	\$0	\$0	\$140,909	\$90,799	\$231,708	0.924	\$214,062
5	\$0	\$0	\$0	\$0	\$0	\$145,136	\$94,431	\$239,567	0.906	\$216,983
6	\$0	\$0	\$665,676	\$1,029,370	\$0	\$149,490	\$98,208	\$1,277,068	0.888	\$1,134,000
7	\$0	\$0	\$0	\$0	\$0	\$153,975	\$102,136	\$256,111	0.871	\$222,960
8	\$0	\$0	\$0	\$0	\$0	\$158,594	\$106,222	\$264,816	0.853	\$226,018
9	\$0	\$0	\$0	\$0	\$0	\$163,352	\$110,471	\$273,823	0.837	\$229,123
10	\$0	\$0	\$0	\$0	\$0	\$168,252	\$114,889	\$283,141	0.820	\$232,274
11	\$0	\$0	\$83,998	\$150,579	\$0	\$173,300	\$119,485	\$443,364	0.804	\$356,581
12	\$0	\$0	\$0	\$0	\$0	\$178,499	\$124,264	\$302,763	0.788	\$238,726
13	\$0	\$0	\$0	\$0	\$0	\$183,854	\$129,235	\$313,089	0.773	\$242,028
14	\$0	\$0	\$0	\$0	\$0	\$189,369	\$134,404	\$323,773	0.758	\$245,380
15	\$0	\$0	\$0	\$0	\$0	\$195,050	\$139,780	\$334,830	0.743	\$248,784
16	\$0	\$0	\$639,515	\$1,329,020	\$0	\$200,902	\$145,372	\$1,675,294	0.728	\$1,220,361
17	\$0	\$0	\$613,870	\$1,313,998	\$0	\$206,929	\$151,187	\$1,672,114	0.714	\$1,194,161
18	\$0	\$0	\$34,308	\$75,639	\$0	\$213,137	\$157,234	\$446,010	0.700	\$312,278
19	\$0	\$0	\$98,453	\$223,575	\$0	\$219,531	\$163,523	\$606,629	0.686	\$416,409
20	\$0	\$0	\$0	\$0	\$0	\$226,117	\$170,064	\$396,181	0.673	\$266,618
21	\$0	\$0	\$148,953	\$358,853	\$0	\$232,900	\$176,867	\$768,621	0.660	\$507,117
22	\$0	\$0	\$0	\$0	\$0	\$239,887	\$183,942	\$423,829	0.647	\$274,149
23	\$0	\$0	\$137,835	\$352,289	\$0	\$247,084	\$191,299	\$790,672	0.634	\$501,410
24	\$0	\$0	\$0	\$0	\$0	\$254,497	\$198,951	\$453,448	0.622	\$281,918
25	\$0	\$0	\$0	\$0	\$0	\$262,131	\$206,909	\$469,040	0.610	\$285,895
26	\$0	\$0	\$1,075,940	\$3,004,977	\$0	\$269,995	\$215,186	\$3,490,158	0.598	\$2,085,646
27	\$0	\$0	\$80,970	\$232,923	\$0	\$278,095	\$223,793	\$734,812	0.586	\$430,498
28	\$0	\$0	\$0	\$0	\$0	\$286,438	\$232,745	\$519,183	0.574	\$298,206
29	\$0	\$0	\$0	\$0	\$0	\$295,031	\$242,055	\$537,086	0.563	\$302,440

Life Cycle Cost Generation

Status Quo

Hosea Elementary School

Year	First Costs	Escalated First Costs	Renewal Costs	Escalated Renewal Costs	Option Variable Costs	O and M Costs	Energy Costs	Total Annual Costs	Present Worth	Present Worth Of Total Annual Costs
30	\$1,015,082		\$4,036,687		\$0	\$6,061,325	\$4,176,593			\$14,990,252
0	\$1,015,082	\$1,314,578	\$0	\$0	\$0	\$127,405	\$74,469	\$1,516,451	1.000	\$1,516,451
1	\$0	\$0	\$0	\$0	\$0	\$131,227	\$77,448	\$208,675	0.980	\$204,583
2	\$0	\$0	\$0	\$0	\$0	\$135,164	\$80,546	\$215,710	0.961	\$207,333
3	\$0	\$0	\$0	\$0	\$0	\$139,218	\$83,768	\$222,986	0.942	\$210,125
4	\$0	\$0	\$0	\$0	\$0	\$143,395	\$87,118	\$230,513	0.924	\$212,958
5	\$0	\$0	\$42,378	\$63,622	\$0	\$147,697	\$90,603	\$301,922	0.906	\$273,460
6	\$0	\$0	\$616,908	\$953,958	\$0	\$152,128	\$94,227	\$1,200,312	0.888	\$1,065,843
7	\$0	\$0	\$0	\$0	\$0	\$156,692	\$97,996	\$254,688	0.871	\$221,721
8	\$0	\$0	\$0	\$0	\$0	\$161,392	\$101,916	\$263,308	0.853	\$224,731
9	\$0	\$0	\$0	\$0	\$0	\$166,234	\$105,993	\$272,227	0.837	\$227,787
10	\$0	\$0	\$41,577	\$72,363	\$0	\$171,221	\$110,232	\$353,816	0.820	\$290,252
11	\$0	\$0	\$0	\$0	\$0	\$176,358	\$114,642	\$291,000	0.804	\$234,040
12	\$0	\$0	\$0	\$0	\$0	\$181,648	\$119,227	\$300,875	0.788	\$237,238
13	\$0	\$0	\$0	\$0	\$0	\$187,098	\$123,996	\$311,094	0.773	\$240,486
14	\$0	\$0	\$0	\$0	\$0	\$192,711	\$128,956	\$321,667	0.758	\$243,783
15	\$0	\$0	\$65,336	\$131,824	\$0	\$198,492	\$134,115	\$464,431	0.743	\$345,079
16	\$0	\$0	\$1,467,308	\$3,049,313	\$0	\$204,447	\$139,479	\$3,393,239	0.728	\$2,471,791
17	\$0	\$0	\$0	\$0	\$0	\$210,580	\$145,058	\$355,638	0.714	\$253,984
18	\$0	\$0	\$0	\$0	\$0	\$216,898	\$150,861	\$367,759	0.700	\$257,490
19	\$0	\$0	\$0	\$0	\$0	\$223,405	\$156,895	\$380,300	0.686	\$261,049
20	\$0	\$0	\$38,014	\$88,914	\$0	\$230,107	\$163,171	\$482,192	0.673	\$324,501
21	\$0	\$0	\$306,677	\$738,837	\$0	\$237,010	\$169,698	\$1,145,545	0.660	\$755,803
22	\$0	\$0	\$0	\$0	\$0	\$244,120	\$176,486	\$420,606	0.647	\$272,065
23	\$0	\$0	\$0	\$0	\$0	\$251,444	\$183,545	\$434,989	0.634	\$275,851
24	\$0	\$0	\$280,391	\$738,146	\$0	\$258,987	\$190,887	\$1,188,020	0.622	\$738,618
25	\$0	\$0	\$79,268	\$214,938	\$0	\$266,757	\$198,522	\$680,217	0.610	\$414,613
26	\$0	\$0	\$1,098,830	\$3,068,905	\$0	\$274,760	\$206,463	\$3,550,127	0.598	\$2,121,483
27	\$0	\$0	\$0	\$0	\$0	\$283,002	\$214,722	\$497,724	0.586	\$291,598
28	\$0	\$0	\$0	\$0	\$0	\$291,492	\$223,311	\$514,803	0.574	\$295,690
29	\$0	\$0	\$0	\$0	\$0	\$300,237	\$232,243	\$532,480	0.563	\$299,846

Life Cycle Cost Generation

Status Quo Humboldt Elementary School

Year	First Costs	Escalated First Costs	Renewal Costs	Escalated Renewal Costs	Option Variable Costs	O and M Costs	Energy Costs	Total Annual Costs	Present Worth	Present Worth Of Total Annual Costs
30	\$660,455		\$5,160,713		\$0	\$6,371,235	\$3,838,678			\$16,227,257
0	\$660,455	\$855,319	\$0	\$0	\$0	\$133,919	\$68,444	\$1,057,682	1.000	\$1,057,682
1	\$0	\$0	\$0	\$0	\$0	\$137,936	\$71,182	\$209,118	0.980	\$205,018
2	\$0	\$0	\$0	\$0	\$0	\$142,074	\$74,029	\$216,103	0.961	\$207,712
3	\$0	\$0	\$0	\$0	\$0	\$146,337	\$76,990	\$223,327	0.942	\$210,446
4	\$0	\$0	\$0	\$0	\$0	\$150,727	\$80,070	\$230,797	0.924	\$213,220
5	\$0	\$0	\$100,595	\$151,024	\$0	\$155,248	\$83,273	\$389,546	0.906	\$352,824
6	\$0	\$0	\$0	\$0	\$0	\$159,906	\$86,604	\$246,510	0.888	\$218,894
7	\$0	\$0	\$0	\$0	\$0	\$164,703	\$90,068	\$254,771	0.871	\$221,794
8	\$0	\$0	\$61,406	\$100,737	\$0	\$169,644	\$93,670	\$364,051	0.853	\$310,714
9	\$0	\$0	\$723,051	\$1,221,769	\$0	\$174,733	\$97,417	\$1,493,919	0.837	\$1,250,045
10	\$0	\$0	\$896,389	\$1,560,106	\$0	\$179,975	\$101,314	\$1,841,395	0.820	\$1,510,586
11	\$0	\$0	\$0	\$0	\$0	\$185,375	\$105,366	\$290,741	0.804	\$233,832
12	\$0	\$0	\$0	\$0	\$0	\$190,936	\$109,581	\$300,517	0.788	\$236,956
13	\$0	\$0	\$0	\$0	\$0	\$196,664	\$113,964	\$310,628	0.773	\$240,126
14	\$0	\$0	\$0	\$0	\$0	\$202,564	\$118,523	\$321,087	0.758	\$243,344
15	\$0	\$0	\$82,578	\$166,612	\$0	\$208,641	\$123,264	\$498,517	0.743	\$370,406
16	\$0	\$0	\$680,767	\$1,414,747	\$0	\$214,900	\$128,194	\$1,757,842	0.728	\$1,280,492
17	\$0	\$0	\$0	\$0	\$0	\$221,347	\$133,322	\$354,669	0.714	\$253,291
18	\$0	\$0	\$0	\$0	\$0	\$227,988	\$138,655	\$366,643	0.700	\$256,708
19	\$0	\$0	\$723,051	\$1,641,955	\$0	\$234,827	\$144,201	\$2,020,983	0.686	\$1,387,265
20	\$0	\$0	\$48,045	\$112,378	\$0	\$241,872	\$149,969	\$504,219	0.673	\$339,325
21	\$0	\$0	\$355,624	\$856,758	\$0	\$249,128	\$155,968	\$1,261,854	0.660	\$832,541
22	\$0	\$0	\$0	\$0	\$0	\$256,602	\$162,207	\$418,809	0.647	\$270,902
23	\$0	\$0	\$0	\$0	\$0	\$264,300	\$168,695	\$432,995	0.634	\$274,586
24	\$0	\$0	\$0	\$0	\$0	\$272,229	\$175,443	\$447,672	0.622	\$278,327
25	\$0	\$0	\$156,147	\$423,399	\$0	\$280,396	\$182,461	\$886,256	0.610	\$540,200
26	\$0	\$0	\$558,838	\$1,560,771	\$0	\$288,808	\$189,759	\$2,039,337	0.598	\$1,218,666
27	\$0	\$0	\$0	\$0	\$0	\$297,472	\$197,349	\$494,821	0.586	\$289,897
28	\$0	\$0	\$51,171	\$151,619	\$0	\$306,396	\$205,243	\$663,258	0.574	\$380,959
29	\$0	\$0	\$723,051	\$2,206,650	\$0	\$315,588	\$213,453	\$2,735,691	0.563	\$1,540,501

Life Cycle Cost Generation

Status Quo Hyde Elementary School

Year	First Costs	Escalated First Costs	Renewal Costs	Escalated Renewal Costs	Option Variable Costs	O and M Costs	Energy Costs	Total Annual Costs	Present Worth	Present Worth Of Total Annual Costs
30	\$1,126,519		\$4,342,131		\$0	\$4,790,670	\$3,562,936			\$13,918,652
0	\$1,126,519	\$1,458,894	\$522,640	\$676,843	\$0	\$100,696	\$63,528	\$2,299,961	1.000	\$2,299,961
1	\$0	\$0	\$0	\$0	\$0	\$103,717	\$66,069	\$169,786	0.980	\$166,457
2	\$0	\$0	\$0	\$0	\$0	\$106,829	\$68,711	\$175,540	0.961	\$168,723
3	\$0	\$0	\$0	\$0	\$0	\$110,034	\$71,460	\$181,494	0.942	\$171,025
4	\$0	\$0	\$0	\$0	\$0	\$113,335	\$74,318	\$187,653	0.924	\$173,362
5	\$0	\$0	\$52,793	\$79,259	\$0	\$116,735	\$77,291	\$273,284	0.906	\$247,522
6	\$0	\$0	\$489,549	\$757,015	\$0	\$120,237	\$80,383	\$957,634	0.888	\$850,352
7	\$0	\$0	\$0	\$0	\$0	\$123,844	\$83,598	\$207,442	0.871	\$180,591
8	\$0	\$0	\$0	\$0	\$0	\$127,559	\$86,942	\$214,501	0.853	\$183,075
9	\$0	\$0	\$0	\$0	\$0	\$131,386	\$90,419	\$221,805	0.837	\$185,596
10	\$0	\$0	\$1,101,854	\$1,917,704	\$0	\$135,327	\$94,036	\$2,147,067	0.820	\$1,761,343
11	\$0	\$0	\$0	\$0	\$0	\$139,387	\$97,798	\$237,185	0.804	\$190,759
12	\$0	\$0	\$0	\$0	\$0	\$143,569	\$101,710	\$245,279	0.788	\$193,401
13	\$0	\$0	\$0	\$0	\$0	\$147,876	\$105,778	\$253,654	0.773	\$196,083
14	\$0	\$0	\$0	\$0	\$0	\$152,312	\$110,009	\$262,321	0.758	\$198,807
15	\$0	\$0	\$43,338	\$87,439	\$0	\$156,882	\$114,409	\$358,730	0.743	\$266,542
16	\$0	\$0	\$866,533	\$1,800,801	\$0	\$161,588	\$118,986	\$2,081,375	0.728	\$1,516,169
17	\$0	\$0	\$0	\$0	\$0	\$166,436	\$123,745	\$290,181	0.714	\$207,236
18	\$0	\$0	\$0	\$0	\$0	\$171,429	\$128,695	\$300,124	0.700	\$210,134
19	\$0	\$0	\$0	\$0	\$0	\$176,572	\$133,843	\$310,415	0.686	\$213,078
20	\$0	\$0	\$547,855	\$1,281,431	\$0	\$181,869	\$139,197	\$1,602,497	0.673	\$1,078,434
21	\$0	\$0	\$295,039	\$710,798	\$0	\$187,325	\$144,764	\$1,042,887	0.660	\$688,072
22	\$0	\$0	\$0	\$0	\$0	\$192,945	\$150,555	\$343,500	0.647	\$222,189
23	\$0	\$0	\$0	\$0	\$0	\$198,733	\$156,577	\$355,310	0.634	\$225,322
24	\$0	\$0	\$0	\$0	\$0	\$204,695	\$162,840	\$367,535	0.622	\$228,504
25	\$0	\$0	\$81,947	\$222,203	\$0	\$210,836	\$169,354	\$602,393	0.610	\$367,177
26	\$0	\$0	\$340,583	\$951,210	\$0	\$217,161	\$176,128	\$1,344,499	0.598	\$803,445
27	\$0	\$0	\$0	\$0	\$0	\$223,676	\$183,173	\$406,849	0.586	\$238,357
28	\$0	\$0	\$0	\$0	\$0	\$230,386	\$190,500	\$420,886	0.574	\$241,746
29	\$0	\$0	\$0	\$0	\$0	\$237,298	\$198,120	\$435,418	0.563	\$245,189

Life Cycle Cost Generation

Status Quo Lafayette High School

Year	First Costs	Escalated First Costs	Renewal Costs	Escalated Renewal Costs	Option Variable Costs	O and M Costs	Energy Costs	Total Annual Costs	Present Worth	Present Worth Of Total Annual Costs
30	\$1,834,313		\$20,334,190		\$0	\$11,389,938	\$12,561,172			\$50,834,043
0	\$1,834,313	\$2,375,519	\$1,419,659	\$1,838,523	\$0	\$239,408	\$223,967	\$4,677,417	1.000	\$4,677,417
1	\$0	\$0	\$0	\$0	\$0	\$246,590	\$232,926	\$479,516	0.980	\$470,114
2	\$0	\$0	\$441,490	\$606,569	\$0	\$253,988	\$242,243	\$1,102,800	0.961	\$1,059,977
3	\$0	\$0	\$0	\$0	\$0	\$261,608	\$251,932	\$513,540	0.942	\$483,920
4	\$0	\$0	\$278,091	\$405,341	\$0	\$269,456	\$262,010	\$936,807	0.924	\$865,465
5	\$0	\$0	\$743,359	\$1,116,015	\$0	\$277,540	\$272,490	\$1,666,044	0.906	\$1,508,988
6	\$0	\$0	\$1,133,609	\$1,752,958	\$0	\$285,866	\$283,390	\$2,322,214	0.888	\$2,062,060
7	\$0	\$0	\$0	\$0	\$0	\$294,442	\$294,725	\$589,167	0.871	\$512,905
8	\$0	\$0	\$1,316,807	\$2,160,256	\$0	\$303,275	\$306,514	\$2,770,045	0.853	\$2,364,207
9	\$0	\$0	\$107,408	\$181,492	\$0	\$312,373	\$318,775	\$812,640	0.837	\$679,981
10	\$0	\$0	\$0	\$0	\$0	\$321,744	\$331,526	\$653,270	0.820	\$535,909
11	\$0	\$0	\$87,843	\$157,471	\$0	\$331,397	\$344,787	\$833,655	0.804	\$670,478
12	\$0	\$0	\$1,238,765	\$2,287,287	\$0	\$341,339	\$358,578	\$2,987,204	0.788	\$2,355,390
13	\$0	\$0	\$0	\$0	\$0	\$351,579	\$372,921	\$724,500	0.773	\$560,062
14	\$0	\$0	\$124,191	\$243,274	\$0	\$362,126	\$387,838	\$993,238	0.758	\$752,750
15	\$0	\$0	\$0	\$0	\$0	\$372,990	\$403,352	\$776,342	0.743	\$576,834
16	\$0	\$0	\$3,401,647	\$7,069,195	\$0	\$384,180	\$419,486	\$7,872,860	0.728	\$5,734,952
17	\$0	\$0	\$0	\$0	\$0	\$395,705	\$436,265	\$831,970	0.714	\$594,162
18	\$0	\$0	\$1,316,807	\$2,903,203	\$0	\$407,576	\$453,716	\$3,764,495	0.700	\$2,635,747
19	\$0	\$0	\$0	\$0	\$0	\$419,803	\$471,865	\$891,668	0.686	\$612,069
20	\$0	\$0	\$0	\$0	\$0	\$432,398	\$490,739	\$923,137	0.673	\$621,244
21	\$0	\$0	\$420,006	\$1,011,865	\$0	\$445,370	\$510,369	\$1,967,603	0.660	\$1,298,177
22	\$0	\$0	\$173,254	\$429,919	\$0	\$458,731	\$530,783	\$1,419,433	0.647	\$918,144
23	\$0	\$0	\$0	\$0	\$0	\$472,493	\$552,015	\$1,024,508	0.634	\$649,698
24	\$0	\$0	\$668,647	\$1,760,255	\$0	\$486,667	\$574,095	\$2,821,018	0.622	\$1,753,887
25	\$0	\$0	\$4,258,474	\$11,547,014	\$0	\$501,267	\$597,059	\$12,645,340	0.610	\$7,707,725
26	\$0	\$0	\$1,887,326	\$5,271,084	\$0	\$516,305	\$620,942	\$6,408,332	0.598	\$3,829,486
27	\$0	\$0	\$0	\$0	\$0	\$531,794	\$645,779	\$1,177,573	0.586	\$689,896
28	\$0	\$0	\$1,316,807	\$3,901,662	\$0	\$547,748	\$671,610	\$5,121,021	0.574	\$2,941,384
29	\$0	\$0	\$0	\$0	\$0	\$564,181	\$698,475	\$1,262,656	0.563	\$711,017

Life Cycle Cost Generation

Status Quo

Lake Elementary School

Year	First Costs	Escalated First Costs	Renewal Costs	Escalated Renewal Costs	Option Variable Costs	O and M Costs	Energy Costs	Total Annual Costs	Present Worth	Present Worth Of Total Annual Costs
30	\$929,434		\$3,826,397		\$0	\$3,618,651	\$3,416,659			\$12,082,542
0	\$929,434	\$1,203,660	\$215,378	\$278,924	\$0	\$76,061	\$60,919	\$1,619,564	1.000	\$1,619,564
1	\$0	\$0	\$0	\$0	\$0	\$78,343	\$63,356	\$141,699	0.980	\$138,921
2	\$0	\$0	\$0	\$0	\$0	\$80,694	\$65,890	\$146,584	0.961	\$140,891
3	\$0	\$0	\$0	\$0	\$0	\$83,114	\$68,526	\$151,640	0.942	\$142,894
4	\$0	\$0	\$0	\$0	\$0	\$85,608	\$71,267	\$156,875	0.924	\$144,928
5	\$0	\$0	\$371,112	\$557,156	\$0	\$88,176	\$74,118	\$719,450	0.906	\$651,628
6	\$0	\$0	\$539,600	\$834,412	\$0	\$90,821	\$77,082	\$1,002,315	0.888	\$890,027
7	\$0	\$0	\$0	\$0	\$0	\$93,546	\$80,166	\$173,712	0.871	\$151,227
8	\$0	\$0	\$0	\$0	\$0	\$96,352	\$83,372	\$179,724	0.853	\$153,393
9	\$0	\$0	\$0	\$0	\$0	\$99,243	\$86,707	\$185,950	0.837	\$155,595
10	\$0	\$0	\$193,242	\$336,324	\$0	\$102,220	\$90,176	\$528,720	0.820	\$433,735
11	\$0	\$0	\$0	\$0	\$0	\$105,287	\$93,783	\$199,070	0.804	\$160,104
12	\$0	\$0	\$0	\$0	\$0	\$108,445	\$97,534	\$205,979	0.788	\$162,413
13	\$0	\$0	\$0	\$0	\$0	\$111,699	\$101,435	\$213,134	0.773	\$164,759
14	\$0	\$0	\$0	\$0	\$0	\$115,050	\$105,493	\$220,543	0.758	\$167,144
15	\$0	\$0	\$231,655	\$467,396	\$0	\$118,501	\$109,712	\$695,609	0.743	\$516,848
16	\$0	\$0	\$840,518	\$1,746,739	\$0	\$122,056	\$114,101	\$1,982,896	0.728	\$1,444,432
17	\$0	\$0	\$0	\$0	\$0	\$125,718	\$118,665	\$244,383	0.714	\$174,529
18	\$0	\$0	\$0	\$0	\$0	\$129,489	\$123,412	\$252,901	0.700	\$177,071
19	\$0	\$0	\$0	\$0	\$0	\$133,374	\$128,348	\$261,722	0.686	\$179,654
20	\$0	\$0	\$134,781	\$315,252	\$0	\$137,375	\$133,482	\$586,110	0.673	\$394,435
21	\$0	\$0	\$103,734	\$249,912	\$0	\$141,497	\$138,821	\$530,229	0.660	\$349,832
22	\$0	\$0	\$53,463	\$132,664	\$0	\$145,741	\$144,374	\$422,780	0.647	\$273,470
23	\$0	\$0	\$0	\$0	\$0	\$150,114	\$150,149	\$300,263	0.634	\$190,413
24	\$0	\$0	\$0	\$0	\$0	\$154,617	\$156,155	\$310,772	0.622	\$193,214
25	\$0	\$0	\$356,293	\$966,102	\$0	\$159,256	\$162,401	\$1,287,759	0.610	\$784,929
26	\$0	\$0	\$786,623	\$2,196,946	\$0	\$164,033	\$168,897	\$2,529,876	0.598	\$1,511,802
27	\$0	\$0	\$0	\$0	\$0	\$168,954	\$175,653	\$344,607	0.586	\$201,892
28	\$0	\$0	\$0	\$0	\$0	\$174,023	\$182,679	\$356,702	0.574	\$204,881
29	\$0	\$0	\$0	\$0	\$0	\$179,244	\$189,986	\$369,230	0.563	\$207,918

Life Cycle Cost Generation

Status Quo

Lindbergh Elementary School

Year	First Costs	Escalated First Costs	Renewal Costs	Escalated Renewal Costs	Option Variable Costs	O and M Costs	Energy Costs	Total Annual Costs	Present Worth	Present Worth Of Total Annual Costs
30	\$1,090,942		\$5,723,736		\$0	\$6,921,663	\$5,640,948			\$19,322,397
0	\$1,090,942	\$1,412,820	\$0	\$0	\$0	\$145,488	\$100,579	\$1,658,887	1.000	\$1,658,887
1	\$0	\$0	\$0	\$0	\$0	\$149,853	\$104,602	\$254,455	0.980	\$249,466
2	\$0	\$0	\$0	\$0	\$0	\$154,348	\$108,786	\$263,134	0.961	\$252,917
3	\$0	\$0	\$0	\$0	\$0	\$158,979	\$113,137	\$272,116	0.942	\$256,421
4	\$0	\$0	\$0	\$0	\$0	\$163,748	\$117,663	\$281,411	0.924	\$259,981
5	\$0	\$0	\$0	\$0	\$0	\$168,661	\$122,369	\$291,030	0.906	\$263,595
6	\$0	\$0	\$845,366	\$1,307,234	\$0	\$173,721	\$127,264	\$1,608,218	0.888	\$1,428,052
7	\$0	\$0	\$0	\$0	\$0	\$178,932	\$132,355	\$311,287	0.871	\$270,994
8	\$0	\$0	\$0	\$0	\$0	\$184,300	\$137,649	\$321,949	0.853	\$274,780
9	\$0	\$0	\$0	\$0	\$0	\$189,829	\$143,155	\$332,984	0.837	\$278,626
10	\$0	\$0	\$71,381	\$124,234	\$0	\$195,524	\$148,881	\$468,639	0.820	\$384,447
11	\$0	\$0	\$142,293	\$255,080	\$0	\$201,390	\$154,836	\$611,306	0.804	\$491,651
12	\$0	\$0	\$0	\$0	\$0	\$207,431	\$161,030	\$368,461	0.788	\$290,529
13	\$0	\$0	\$0	\$0	\$0	\$213,654	\$167,471	\$381,125	0.773	\$294,622
14	\$0	\$0	\$0	\$0	\$0	\$220,064	\$174,170	\$394,234	0.758	\$298,780
15	\$0	\$0	\$539,255	\$1,088,021	\$0	\$226,666	\$181,136	\$1,495,823	0.743	\$1,111,418
16	\$0	\$0	\$1,982,509	\$4,119,988	\$0	\$233,466	\$188,382	\$4,541,835	0.728	\$3,308,481
17	\$0	\$0	\$0	\$0	\$0	\$240,470	\$195,917	\$436,387	0.714	\$311,651
18	\$0	\$0	\$0	\$0	\$0	\$247,684	\$203,754	\$451,438	0.700	\$316,079
19	\$0	\$0	\$0	\$0	\$0	\$255,114	\$211,904	\$467,018	0.686	\$320,576
20	\$0	\$0	\$0	\$0	\$0	\$262,768	\$220,380	\$483,148	0.673	\$325,145
21	\$0	\$0	\$381,748	\$919,695	\$0	\$270,651	\$229,195	\$1,419,541	0.660	\$936,579
22	\$0	\$0	\$83,278	\$206,650	\$0	\$278,770	\$238,363	\$723,783	0.647	\$468,171
23	\$0	\$0	\$0	\$0	\$0	\$287,134	\$247,898	\$535,032	0.634	\$339,293
24	\$0	\$0	\$306,222	\$806,148	\$0	\$295,748	\$257,814	\$1,359,710	0.622	\$845,361
25	\$0	\$0	\$0	\$0	\$0	\$304,620	\$268,126	\$572,746	0.610	\$349,106
26	\$0	\$0	\$1,371,685	\$3,830,957	\$0	\$313,759	\$278,851	\$4,423,567	0.598	\$2,643,432
27	\$0	\$0	\$0	\$0	\$0	\$323,171	\$290,005	\$613,176	0.586	\$359,237
28	\$0	\$0	\$0	\$0	\$0	\$332,867	\$301,606	\$634,473	0.574	\$364,425
29	\$0	\$0	\$0	\$0	\$0	\$342,853	\$313,670	\$656,523	0.563	\$369,696

Life Cycle Cost Generation

Status Quo Mark Twain Elementary School

Year	First Costs	Escalated First Costs	Renewal Costs	Escalated Renewal Costs	Option Variable Costs	O and M Costs	Energy Costs	Total Annual Costs	Present Worth	Present Worth Of Total Annual Costs
30	\$718,424		\$3,436,351		\$0	\$5,291,966	\$4,150,999			\$12,970,859
0	\$718,424	\$930,392	\$0	\$0	\$0	\$111,233	\$74,013	\$1,115,638	1.000	\$1,115,638
1	\$0	\$0	\$0	\$0	\$0	\$114,570	\$76,973	\$191,543	0.980	\$187,787
2	\$0	\$0	\$463,647	\$637,010	\$0	\$118,007	\$80,052	\$835,070	0.961	\$802,643
3	\$0	\$0	\$0	\$0	\$0	\$121,548	\$83,254	\$204,802	0.942	\$192,989
4	\$0	\$0	\$0	\$0	\$0	\$125,194	\$86,584	\$211,778	0.924	\$195,650
5	\$0	\$0	\$67,467	\$101,290	\$0	\$128,950	\$90,048	\$320,287	0.906	\$290,094
6	\$0	\$0	\$62,432	\$96,543	\$0	\$132,818	\$93,650	\$323,011	0.888	\$286,824
7	\$0	\$0	\$0	\$0	\$0	\$136,803	\$97,396	\$234,199	0.871	\$203,884
8	\$0	\$0	\$0	\$0	\$0	\$140,907	\$101,292	\$242,199	0.853	\$206,714
9	\$0	\$0	\$0	\$0	\$0	\$145,134	\$105,343	\$250,477	0.837	\$209,588
10	\$0	\$0	\$35,244	\$61,340	\$0	\$149,488	\$109,557	\$320,385	0.820	\$262,827
11	\$0	\$0	\$261,736	\$469,200	\$0	\$153,973	\$113,939	\$737,112	0.804	\$592,832
12	\$0	\$0	\$463,647	\$856,089	\$0	\$158,592	\$118,497	\$1,133,178	0.788	\$893,503
13	\$0	\$0	\$0	\$0	\$0	\$163,350	\$123,237	\$286,587	0.773	\$221,541
14	\$0	\$0	\$0	\$0	\$0	\$168,250	\$128,166	\$296,416	0.758	\$224,646
15	\$0	\$0	\$55,384	\$111,744	\$0	\$173,298	\$133,293	\$418,335	0.743	\$310,829
16	\$0	\$0	\$62,432	\$129,745	\$0	\$178,497	\$138,624	\$446,866	0.728	\$325,518
17	\$0	\$0	\$0	\$0	\$0	\$183,852	\$144,169	\$328,021	0.714	\$234,260
18	\$0	\$0	\$927,293	\$2,044,430	\$0	\$189,367	\$149,936	\$2,383,733	0.700	\$1,668,993
19	\$0	\$0	\$0	\$0	\$0	\$195,048	\$155,934	\$350,982	0.686	\$240,925
20	\$0	\$0	\$32,223	\$75,370	\$0	\$200,900	\$162,171	\$438,441	0.673	\$295,058
21	\$0	\$0	\$0	\$0	\$0	\$206,927	\$168,658	\$375,585	0.660	\$247,802
22	\$0	\$0	\$463,647	\$1,150,512	\$0	\$213,134	\$175,404	\$1,539,050	0.647	\$995,518
23	\$0	\$0	\$0	\$0	\$0	\$219,528	\$182,420	\$401,948	0.634	\$254,898
24	\$0	\$0	\$0	\$0	\$0	\$226,114	\$189,717	\$415,831	0.622	\$258,531
25	\$0	\$0	\$67,467	\$182,940	\$0	\$232,898	\$197,306	\$613,144	0.610	\$373,730
26	\$0	\$0	\$473,732	\$1,323,078	\$0	\$239,885	\$205,198	\$1,768,161	0.598	\$1,056,616
27	\$0	\$0	\$0	\$0	\$0	\$247,081	\$213,406	\$460,487	0.586	\$269,782
28	\$0	\$0	\$0	\$0	\$0	\$254,494	\$221,942	\$476,436	0.574	\$273,652
29	\$0	\$0	\$0	\$0	\$0	\$262,128	\$230,820	\$492,948	0.563	\$277,585

Life Cycle Cost Generation

Status Quo Parkway Elementary School

Year	First Costs	Escalated First Costs	Renewal Costs	Escalated Renewal Costs	Option Variable Costs	O and M Costs	Energy Costs	Total Annual Costs	Present Worth	Present Worth Of Total Annual Costs
30	\$995,031		\$4,549,987		\$0	\$3,870,095	\$5,110,006			\$14,709,640
0	\$995,031	\$1,288,611	\$0	\$0	\$0	\$81,347	\$91,112	\$1,461,069	1.000	\$1,461,069
1	\$0	\$0	\$0	\$0	\$0	\$83,787	\$94,756	\$178,543	0.980	\$175,042
2	\$0	\$0	\$0	\$0	\$0	\$86,301	\$98,547	\$184,848	0.961	\$177,670
3	\$0	\$0	\$0	\$0	\$0	\$88,890	\$102,488	\$191,378	0.942	\$180,339
4	\$0	\$0	\$0	\$0	\$0	\$91,556	\$106,588	\$198,144	0.924	\$183,055
5	\$0	\$0	\$0	\$0	\$0	\$94,303	\$110,852	\$205,155	0.906	\$185,815
6	\$0	\$0	\$1,307,122	\$2,021,271	\$0	\$97,132	\$115,286	\$2,233,689	0.888	\$1,983,452
7	\$0	\$0	\$0	\$0	\$0	\$100,046	\$119,897	\$219,943	0.871	\$191,474
8	\$0	\$0	\$0	\$0	\$0	\$103,047	\$124,693	\$227,740	0.853	\$194,374
9	\$0	\$0	\$0	\$0	\$0	\$106,139	\$129,681	\$235,820	0.837	\$197,323
10	\$0	\$0	\$0	\$0	\$0	\$109,323	\$134,868	\$244,191	0.820	\$200,322
11	\$0	\$0	\$82,192	\$147,342	\$0	\$112,603	\$140,263	\$400,208	0.804	\$321,872
12	\$0	\$0	\$0	\$0	\$0	\$115,981	\$145,873	\$261,854	0.788	\$206,470
13	\$0	\$0	\$0	\$0	\$0	\$119,460	\$151,708	\$271,168	0.773	\$209,622
14	\$0	\$0	\$0	\$0	\$0	\$123,044	\$157,776	\$280,820	0.758	\$212,826
15	\$0	\$0	\$0	\$0	\$0	\$126,735	\$164,087	\$290,822	0.743	\$216,085
16	\$0	\$0	\$1,512,473	\$3,143,174	\$0	\$130,537	\$170,651	\$3,444,362	0.728	\$2,509,031
17	\$0	\$0	\$0	\$0	\$0	\$134,453	\$177,477	\$311,930	0.714	\$222,769
18	\$0	\$0	\$0	\$0	\$0	\$138,487	\$184,576	\$323,063	0.700	\$226,196
19	\$0	\$0	\$0	\$0	\$0	\$142,642	\$191,959	\$334,601	0.686	\$229,680
20	\$0	\$0	\$0	\$0	\$0	\$146,921	\$199,637	\$346,558	0.673	\$233,224
21	\$0	\$0	\$347,600	\$837,427	\$0	\$151,329	\$207,623	\$1,196,379	0.660	\$789,342
22	\$0	\$0	\$0	\$0	\$0	\$155,868	\$215,928	\$371,796	0.647	\$240,492
23	\$0	\$0	\$0	\$0	\$0	\$160,544	\$224,565	\$385,109	0.634	\$244,219
24	\$0	\$0	\$0	\$0	\$0	\$165,361	\$233,548	\$398,909	0.622	\$248,010
25	\$0	\$0	\$0	\$0	\$0	\$170,322	\$242,889	\$413,211	0.610	\$251,865
26	\$0	\$0	\$1,300,599	\$3,632,422	\$0	\$175,431	\$252,605	\$4,060,458	0.598	\$2,426,446
27	\$0	\$0	\$0	\$0	\$0	\$180,694	\$262,709	\$443,403	0.586	\$259,773
28	\$0	\$0	\$0	\$0	\$0	\$186,115	\$273,218	\$459,333	0.574	\$263,829
29	\$0	\$0	\$0	\$0	\$0	\$191,698	\$284,146	\$475,844	0.563	\$267,954

Life Cycle Cost Generation

Status Quo Pershing Elementary School

Year	First Costs	Escalated First Costs	Renewal Costs	Escalated Renewal Costs	Option Variable Costs	O and M Costs	Energy Costs	Total Annual Costs	Present Worth	Present Worth Of Total Annual Costs
30	\$588,700		\$3,617,072		\$0	\$4,440,796	\$3,656,903			\$12,091,199
0	\$588,700	\$762,393	\$0	\$0	\$0	\$93,342	\$65,203	\$920,939	1.000	\$920,939
1	\$0	\$0	\$447,284	\$596,631	\$0	\$96,142	\$67,811	\$760,585	0.980	\$745,671
2	\$0	\$0	\$0	\$0	\$0	\$99,027	\$70,524	\$169,551	0.961	\$162,967
3	\$0	\$0	\$0	\$0	\$0	\$101,998	\$73,344	\$175,342	0.942	\$165,228
4	\$0	\$0	\$0	\$0	\$0	\$105,058	\$76,278	\$181,336	0.924	\$167,526
5	\$0	\$0	\$0	\$0	\$0	\$108,209	\$79,329	\$187,538	0.906	\$169,859
6	\$0	\$0	\$132,052	\$204,199	\$0	\$111,456	\$82,503	\$398,158	0.888	\$353,553
7	\$0	\$0	\$88,435	\$140,855	\$0	\$114,799	\$85,803	\$341,457	0.871	\$297,259
8	\$0	\$0	\$0	\$0	\$0	\$118,243	\$89,235	\$207,478	0.853	\$177,081
9	\$0	\$0	\$228,896	\$386,775	\$0	\$121,790	\$92,804	\$601,369	0.837	\$503,199
10	\$0	\$0	\$0	\$0	\$0	\$125,444	\$96,516	\$221,960	0.820	\$182,085
11	\$0	\$0	\$483,113	\$866,050	\$0	\$129,207	\$100,377	\$1,095,634	0.804	\$881,178
12	\$0	\$0	\$0	\$0	\$0	\$133,084	\$104,392	\$237,476	0.788	\$187,248
13	\$0	\$0	\$0	\$0	\$0	\$137,076	\$108,568	\$245,644	0.773	\$189,891
14	\$0	\$0	\$0	\$0	\$0	\$141,189	\$112,910	\$254,099	0.758	\$192,575
15	\$0	\$0	\$0	\$0	\$0	\$145,424	\$117,427	\$262,851	0.743	\$195,302
16	\$0	\$0	\$150,130	\$311,996	\$0	\$149,787	\$122,124	\$583,907	0.728	\$425,344
17	\$0	\$0	\$714,212	\$1,528,781	\$0	\$154,280	\$127,009	\$1,810,070	0.714	\$1,292,684
18	\$0	\$0	\$0	\$0	\$0	\$158,909	\$132,089	\$290,998	0.700	\$203,745
19	\$0	\$0	\$0	\$0	\$0	\$163,676	\$137,373	\$301,049	0.686	\$206,649
20	\$0	\$0	\$0	\$0	\$0	\$168,586	\$142,868	\$311,454	0.673	\$209,600
21	\$0	\$0	\$732,541	\$1,764,813	\$0	\$173,644	\$148,582	\$2,087,039	0.660	\$1,376,978
22	\$0	\$0	\$0	\$0	\$0	\$178,853	\$154,526	\$333,379	0.647	\$215,643
23	\$0	\$0	\$0	\$0	\$0	\$184,219	\$160,707	\$344,926	0.634	\$218,737
24	\$0	\$0	\$0	\$0	\$0	\$189,746	\$167,135	\$356,881	0.622	\$221,880
25	\$0	\$0	\$0	\$0	\$0	\$195,438	\$173,820	\$369,258	0.610	\$225,074
26	\$0	\$0	\$566,712	\$1,582,761	\$0	\$201,301	\$180,773	\$1,964,835	0.598	\$1,174,145
27	\$0	\$0	\$73,696	\$211,999	\$0	\$207,340	\$188,004	\$607,343	0.586	\$355,819
28	\$0	\$0	\$0	\$0	\$0	\$213,560	\$195,524	\$409,084	0.574	\$234,968
29	\$0	\$0	\$0	\$0	\$0	\$219,967	\$203,345	\$423,312	0.563	\$238,372

Life Cycle Cost Generation

Status Quo Pickett Elementary School

Year	First Costs	Escalated First Costs	Renewal Costs	Escalated Renewal Costs	Option Variable Costs	O and M Costs	Energy Costs	Total Annual Costs	Present Worth	Present Worth Of Total Annual Costs
30	\$298,153		\$3,366,834		\$0	\$4,745,568	\$3,968,318			\$11,881,177
0	\$298,153	\$386,122	\$0	\$0	\$0	\$99,748	\$70,755	\$556,625	1.000	\$556,625
1	\$0	\$0	\$0	\$0	\$0	\$102,741	\$73,586	\$176,327	0.980	\$172,869
2	\$0	\$0	\$0	\$0	\$0	\$105,823	\$76,529	\$182,352	0.961	\$175,271
3	\$0	\$0	\$0	\$0	\$0	\$108,998	\$79,590	\$188,588	0.942	\$177,710
4	\$0	\$0	\$0	\$0	\$0	\$112,268	\$82,774	\$195,042	0.924	\$180,188
5	\$0	\$0	\$164,630	\$247,161	\$0	\$115,636	\$86,085	\$448,881	0.906	\$406,566
6	\$0	\$0	\$496,793	\$768,217	\$0	\$119,105	\$89,528	\$976,850	0.888	\$867,415
7	\$0	\$0	\$0	\$0	\$0	\$122,678	\$93,109	\$215,787	0.871	\$187,855
8	\$0	\$0	\$0	\$0	\$0	\$126,358	\$96,834	\$223,192	0.853	\$190,492
9	\$0	\$0	\$58,515	\$98,875	\$0	\$130,149	\$100,707	\$329,731	0.837	\$275,904
10	\$0	\$0	\$0	\$0	\$0	\$134,053	\$104,735	\$238,788	0.820	\$195,890
11	\$0	\$0	\$0	\$0	\$0	\$138,075	\$108,925	\$247,000	0.804	\$198,653
12	\$0	\$0	\$0	\$0	\$0	\$142,217	\$113,282	\$255,499	0.788	\$201,459
13	\$0	\$0	\$0	\$0	\$0	\$146,484	\$117,813	\$264,297	0.773	\$204,310
14	\$0	\$0	\$0	\$0	\$0	\$150,878	\$122,526	\$273,404	0.758	\$207,206
15	\$0	\$0	\$135,144	\$272,671	\$0	\$155,405	\$127,427	\$555,503	0.743	\$412,747
16	\$0	\$0	\$582,794	\$1,211,144	\$0	\$160,067	\$132,524	\$1,503,735	0.728	\$1,095,389
17	\$0	\$0	\$550,008	\$1,177,299	\$0	\$164,869	\$137,825	\$1,479,993	0.714	\$1,056,956
18	\$0	\$0	\$0	\$0	\$0	\$169,815	\$143,338	\$313,153	0.700	\$219,257
19	\$0	\$0	\$90,128	\$204,670	\$0	\$174,909	\$149,071	\$528,650	0.686	\$362,882
20	\$0	\$0	\$78,629	\$183,913	\$0	\$180,157	\$155,034	\$519,104	0.673	\$349,342
21	\$0	\$0	\$194,447	\$468,456	\$0	\$185,561	\$161,235	\$815,252	0.660	\$537,884
22	\$0	\$0	\$0	\$0	\$0	\$191,128	\$167,685	\$358,813	0.647	\$232,094
23	\$0	\$0	\$0	\$0	\$0	\$196,862	\$174,392	\$371,254	0.634	\$235,433
24	\$0	\$0	\$0	\$0	\$0	\$202,768	\$181,368	\$384,136	0.622	\$238,825
25	\$0	\$0	\$164,630	\$446,400	\$0	\$208,851	\$188,623	\$843,874	0.610	\$514,367
26	\$0	\$0	\$802,353	\$2,240,880	\$0	\$215,116	\$196,167	\$2,652,163	0.598	\$1,584,878
27	\$0	\$0	\$0	\$0	\$0	\$221,570	\$204,014	\$425,584	0.586	\$249,333
28	\$0	\$0	\$0	\$0	\$0	\$228,217	\$212,175	\$440,392	0.574	\$252,950
29	\$0	\$0	\$48,763	\$148,816	\$0	\$235,063	\$220,662	\$604,542	0.563	\$340,425

Life Cycle Cost Generation

Status Quo Robidoux Middle School

Year	First Costs	Escalated First Costs	Renewal Costs	Escalated Renewal Costs	Option Variable Costs	O and M Costs	Energy Costs	Total Annual Costs	Present Worth	Present Worth Of Total Annual Costs
30	\$703,990		\$5,185,289		\$0	\$5,397,141	\$4,378,581			\$16,030,324
0	\$703,990	\$911,699	\$0	\$0	\$0	\$113,444	\$78,071	\$1,103,214	1.000	\$1,103,214
1	\$0	\$0	\$0	\$0	\$0	\$116,847	\$81,193	\$198,040	0.980	\$194,157
2	\$0	\$0	\$0	\$0	\$0	\$120,353	\$84,441	\$204,794	0.961	\$196,841
3	\$0	\$0	\$0	\$0	\$0	\$123,963	\$87,819	\$211,782	0.942	\$199,567
4	\$0	\$0	\$0	\$0	\$0	\$127,682	\$91,331	\$219,013	0.924	\$202,334
5	\$0	\$0	\$0	\$0	\$0	\$131,513	\$94,985	\$226,498	0.906	\$205,146
6	\$0	\$0	\$795,551	\$1,230,202	\$0	\$135,458	\$98,784	\$1,464,444	0.888	\$1,300,385
7	\$0	\$0	\$0	\$0	\$0	\$139,522	\$102,735	\$242,257	0.871	\$210,899
8	\$0	\$0	\$435,736	\$714,836	\$0	\$143,707	\$106,845	\$965,388	0.853	\$823,949
9	\$0	\$0	\$0	\$0	\$0	\$148,019	\$111,119	\$259,138	0.837	\$216,835
10	\$0	\$0	\$13,366	\$23,262	\$0	\$152,459	\$115,563	\$291,284	0.820	\$238,954
11	\$0	\$0	\$0	\$0	\$0	\$157,033	\$120,186	\$277,219	0.804	\$222,957
12	\$0	\$0	\$0	\$0	\$0	\$161,744	\$124,993	\$286,737	0.788	\$226,090
13	\$0	\$0	\$0	\$0	\$0	\$166,596	\$129,993	\$296,589	0.773	\$229,273
14	\$0	\$0	\$0	\$0	\$0	\$171,594	\$135,193	\$306,787	0.758	\$232,506
15	\$0	\$0	\$21,003	\$42,377	\$0	\$176,742	\$140,601	\$359,720	0.743	\$267,277
16	\$0	\$0	\$795,551	\$1,653,289	\$0	\$182,044	\$146,225	\$1,981,558	0.728	\$1,443,458
17	\$0	\$0	\$0	\$0	\$0	\$187,505	\$152,074	\$339,579	0.714	\$242,515
18	\$0	\$0	\$373,488	\$823,439	\$0	\$193,131	\$158,157	\$1,174,727	0.700	\$822,496
19	\$0	\$0	\$0	\$0	\$0	\$198,925	\$164,483	\$363,408	0.686	\$249,454
20	\$0	\$0	\$859,708	\$2,010,855	\$0	\$204,892	\$171,062	\$2,386,810	0.673	\$1,606,254
21	\$0	\$0	\$0	\$0	\$0	\$211,039	\$177,905	\$388,944	0.660	\$256,616
22	\$0	\$0	\$0	\$0	\$0	\$217,370	\$185,021	\$402,391	0.647	\$260,282
23	\$0	\$0	\$0	\$0	\$0	\$223,891	\$192,422	\$416,313	0.634	\$264,008
24	\$0	\$0	\$0	\$0	\$0	\$230,608	\$200,118	\$430,726	0.622	\$267,792
25	\$0	\$0	\$410,607	\$1,113,377	\$0	\$237,526	\$208,123	\$1,559,026	0.610	\$950,274
26	\$0	\$0	\$1,480,279	\$4,134,248	\$0	\$244,652	\$216,448	\$4,595,348	0.598	\$2,746,085
27	\$0	\$0	\$0	\$0	\$0	\$251,992	\$225,106	\$477,098	0.586	\$279,513
28	\$0	\$0	\$0	\$0	\$0	\$259,551	\$234,110	\$493,661	0.574	\$283,547
29	\$0	\$0	\$0	\$0	\$0	\$267,338	\$243,475	\$510,813	0.563	\$287,645

Life Cycle Cost Generation

Status Quo Skaith Elementary School

Year	First Costs	Escalated First Costs	Renewal Costs	Escalated Renewal Costs	Option Variable Costs	O and M Costs	Energy Costs	Total Annual Costs	Present Worth	Present Worth Of Total Annual Costs
30	\$1,107,718		\$4,216,894		\$0	\$5,629,944	\$3,368,777			\$14,361,176
0	\$1,107,718	\$1,434,545	\$295,717	\$382,967	\$0	\$118,337	\$60,066	\$1,995,916	1.000	\$1,995,916
1	\$0	\$0	\$0	\$0	\$0	\$121,887	\$62,468	\$184,355	0.980	\$180,741
2	\$0	\$0	\$0	\$0	\$0	\$125,544	\$64,967	\$190,511	0.961	\$183,113
3	\$0	\$0	\$0	\$0	\$0	\$129,310	\$67,566	\$196,876	0.942	\$185,521
4	\$0	\$0	\$0	\$0	\$0	\$133,190	\$70,268	\$203,458	0.924	\$187,963
5	\$0	\$0	\$169,448	\$254,395	\$0	\$137,185	\$73,079	\$464,659	0.906	\$420,856
6	\$0	\$0	\$606,709	\$938,186	\$0	\$141,301	\$76,002	\$1,155,489	0.888	\$1,026,041
7	\$0	\$0	\$0	\$0	\$0	\$145,540	\$79,042	\$224,582	0.871	\$195,512
8	\$0	\$0	\$0	\$0	\$0	\$149,906	\$82,204	\$232,110	0.853	\$198,104
9	\$0	\$0	\$74,568	\$126,000	\$0	\$154,403	\$85,492	\$365,896	0.837	\$306,165
10	\$0	\$0	\$119,885	\$208,652	\$0	\$159,035	\$88,912	\$456,600	0.820	\$374,571
11	\$0	\$0	\$35,491	\$63,623	\$0	\$163,806	\$92,468	\$319,897	0.804	\$257,281
12	\$0	\$0	\$0	\$0	\$0	\$168,721	\$96,167	\$264,888	0.788	\$208,862
13	\$0	\$0	\$0	\$0	\$0	\$173,782	\$100,014	\$273,796	0.773	\$211,653
14	\$0	\$0	\$0	\$0	\$0	\$178,996	\$104,014	\$283,010	0.758	\$214,486
15	\$0	\$0	\$68,695	\$138,602	\$0	\$184,366	\$108,175	\$431,143	0.743	\$320,345
16	\$0	\$0	\$1,318,118	\$2,739,272	\$0	\$189,897	\$112,502	\$3,041,670	0.728	\$2,215,692
17	\$0	\$0	\$0	\$0	\$0	\$195,593	\$117,002	\$312,595	0.714	\$223,244
18	\$0	\$0	\$0	\$0	\$0	\$201,461	\$121,682	\$323,143	0.700	\$226,252
19	\$0	\$0	\$0	\$0	\$0	\$207,505	\$126,549	\$334,054	0.686	\$229,305
20	\$0	\$0	\$0	\$0	\$0	\$213,730	\$131,611	\$345,341	0.673	\$232,405
21	\$0	\$0	\$259,311	\$624,723	\$0	\$220,142	\$136,876	\$981,741	0.660	\$647,729
22	\$0	\$0	\$80,144	\$198,874	\$0	\$226,746	\$142,351	\$567,971	0.647	\$367,386
23	\$0	\$0	\$0	\$0	\$0	\$233,549	\$148,045	\$381,594	0.634	\$241,990
24	\$0	\$0	\$0	\$0	\$0	\$240,555	\$153,966	\$394,521	0.622	\$245,282
25	\$0	\$0	\$0	\$0	\$0	\$247,772	\$160,125	\$407,897	0.610	\$248,626
26	\$0	\$0	\$1,126,667	\$3,146,650	\$0	\$255,205	\$166,530	\$3,568,385	0.598	\$2,132,393
27	\$0	\$0	\$0	\$0	\$0	\$262,861	\$173,191	\$436,052	0.586	\$255,466
28	\$0	\$0	\$0	\$0	\$0	\$270,747	\$180,119	\$450,866	0.574	\$258,966
29	\$0	\$0	\$62,140	\$189,642	\$0	\$278,869	\$187,324	\$655,836	0.563	\$369,309

Life Cycle Cost Generation

Status Quo

Spring Garden Middle School

Year	First Costs	Escalated First Costs	Renewal Costs	Escalated Renewal Costs	Option Variable Costs	O and M Costs	Energy Costs	Total Annual Costs	Present Worth	Present Worth Of Total Annual Costs
30	\$882,443		\$5,709,640		\$0	\$6,245,629	\$6,275,676			\$19,208,016
0	\$882,443	\$1,142,804	\$0	\$0	\$0	\$131,279	\$111,896	\$1,385,979	1.000	\$1,385,979
1	\$0	\$0	\$0	\$0	\$0	\$135,217	\$116,372	\$251,589	0.980	\$246,656
2	\$0	\$0	\$0	\$0	\$0	\$139,273	\$121,027	\$260,300	0.961	\$250,193
3	\$0	\$0	\$0	\$0	\$0	\$143,452	\$125,868	\$269,320	0.942	\$253,786
4	\$0	\$0	\$0	\$0	\$0	\$147,755	\$130,902	\$278,657	0.924	\$257,436
5	\$0	\$0	\$0	\$0	\$0	\$152,188	\$136,138	\$288,326	0.906	\$261,146
6	\$0	\$0	\$0	\$0	\$0	\$156,753	\$141,584	\$298,337	0.888	\$264,915
7	\$0	\$0	\$0	\$0	\$0	\$161,456	\$147,247	\$308,703	0.871	\$268,745
8	\$0	\$0	\$0	\$0	\$0	\$166,300	\$153,137	\$319,437	0.853	\$272,636
9	\$0	\$0	\$870,587	\$1,471,066	\$0	\$171,289	\$159,263	\$1,801,618	0.837	\$1,507,513
10	\$0	\$0	\$113,719	\$197,920	\$0	\$176,427	\$165,633	\$539,980	0.820	\$442,972
11	\$0	\$0	\$240,060	\$430,342	\$0	\$181,720	\$172,259	\$784,321	0.804	\$630,800
12	\$0	\$0	\$0	\$0	\$0	\$187,172	\$179,149	\$366,321	0.788	\$288,841
13	\$0	\$0	\$0	\$0	\$0	\$192,787	\$186,315	\$379,102	0.773	\$293,058
14	\$0	\$0	\$0	\$0	\$0	\$198,571	\$193,768	\$392,339	0.758	\$297,344
15	\$0	\$0	\$178,701	\$360,554	\$0	\$204,528	\$201,518	\$766,600	0.743	\$569,595
16	\$0	\$0	\$83,719	\$173,982	\$0	\$210,663	\$209,579	\$594,224	0.728	\$432,860
17	\$0	\$0	\$0	\$0	\$0	\$216,983	\$217,962	\$434,945	0.714	\$310,622
18	\$0	\$0	\$0	\$0	\$0	\$223,493	\$226,681	\$450,174	0.700	\$315,193
19	\$0	\$0	\$870,587	\$1,976,990	\$0	\$230,198	\$235,748	\$2,442,935	0.686	\$1,676,906
20	\$0	\$0	\$940,795	\$2,200,517	\$0	\$237,104	\$245,178	\$2,682,799	0.673	\$1,805,446
21	\$0	\$0	\$377,741	\$910,042	\$0	\$244,217	\$254,985	\$1,409,244	0.660	\$929,785
22	\$0	\$0	\$0	\$0	\$0	\$251,543	\$265,184	\$516,727	0.647	\$334,239
23	\$0	\$0	\$0	\$0	\$0	\$259,089	\$275,792	\$534,881	0.634	\$339,198
24	\$0	\$0	\$0	\$0	\$0	\$266,862	\$286,823	\$553,685	0.622	\$344,238
25	\$0	\$0	\$569,552	\$1,544,362	\$0	\$274,868	\$298,296	\$2,117,526	0.610	\$1,290,698
26	\$0	\$0	\$593,594	\$1,657,838	\$0	\$283,114	\$310,228	\$2,251,180	0.598	\$1,345,259
27	\$0	\$0	\$0	\$0	\$0	\$291,607	\$322,637	\$614,244	0.586	\$359,863
28	\$0	\$0	\$0	\$0	\$0	\$300,356	\$335,543	\$635,899	0.574	\$365,244
29	\$0	\$0	\$870,587	\$2,656,909	\$0	\$309,366	\$348,964	\$3,315,239	0.563	\$1,866,852

Life Cycle Cost Generation

Status Quo

Truman Middle School

Year	First Costs	Escalated First Costs	Renewal Costs	Escalated Renewal Costs	Option Variable Costs	O and M Costs	Energy Costs	Total Annual Costs	Present Worth	Present Worth Of Total Annual Costs
30	\$1,116,462		\$6,979,171		\$0	\$6,344,663	\$4,880,926			\$19,909,557
0	\$1,116,462	\$1,445,869	\$989,902	\$1,281,969	\$0	\$133,360	\$87,027	\$2,948,225	1.000	\$2,948,225
1	\$0	\$0	\$0	\$0	\$0	\$137,361	\$90,508	\$227,869	0.980	\$223,401
2	\$0	\$0	\$0	\$0	\$0	\$141,482	\$94,129	\$235,611	0.961	\$226,462
3	\$0	\$0	\$0	\$0	\$0	\$145,726	\$97,894	\$243,620	0.942	\$229,569
4	\$0	\$0	\$0	\$0	\$0	\$150,098	\$101,810	\$251,908	0.924	\$232,724
5	\$0	\$0	\$0	\$0	\$0	\$154,601	\$105,882	\$260,483	0.906	\$235,927
6	\$0	\$0	\$1,350,760	\$2,088,750	\$0	\$159,239	\$110,117	\$2,358,106	0.888	\$2,093,931
7	\$0	\$0	\$0	\$0	\$0	\$164,016	\$114,522	\$278,538	0.871	\$242,484
8	\$0	\$0	\$0	\$0	\$0	\$168,937	\$119,103	\$288,040	0.853	\$245,839
9	\$0	\$0	\$0	\$0	\$0	\$174,005	\$123,867	\$297,872	0.837	\$249,246
10	\$0	\$0	\$835,881	\$1,454,795	\$0	\$179,225	\$128,822	\$1,762,842	0.820	\$1,446,144
11	\$0	\$0	\$0	\$0	\$0	\$184,602	\$133,975	\$318,577	0.804	\$256,219
12	\$0	\$0	\$0	\$0	\$0	\$190,140	\$139,334	\$329,474	0.788	\$259,788
13	\$0	\$0	\$0	\$0	\$0	\$195,844	\$144,907	\$340,751	0.773	\$263,411
14	\$0	\$0	\$0	\$0	\$0	\$201,719	\$150,703	\$352,422	0.758	\$267,092
15	\$0	\$0	\$0	\$0	\$0	\$207,771	\$156,731	\$364,502	0.743	\$270,830
16	\$0	\$0	\$1,311,274	\$2,725,048	\$0	\$214,004	\$163,001	\$3,102,053	0.728	\$2,259,678
17	\$0	\$0	\$0	\$0	\$0	\$220,424	\$169,521	\$389,945	0.714	\$278,484
18	\$0	\$0	\$0	\$0	\$0	\$227,037	\$176,301	\$403,338	0.700	\$282,401
19	\$0	\$0	\$292,177	\$663,495	\$0	\$233,848	\$183,354	\$1,080,697	0.686	\$741,824
20	\$0	\$0	\$964,232	\$2,255,336	\$0	\$240,863	\$190,688	\$2,686,887	0.673	\$1,808,198
21	\$0	\$0	\$222,781	\$536,717	\$0	\$248,089	\$198,315	\$983,121	0.660	\$648,640
22	\$0	\$0	\$0	\$0	\$0	\$255,532	\$206,248	\$461,780	0.647	\$298,697
23	\$0	\$0	\$47,129	\$120,457	\$0	\$263,198	\$214,498	\$598,153	0.634	\$379,322
24	\$0	\$0	\$0	\$0	\$0	\$271,094	\$223,078	\$494,172	0.622	\$307,237
25	\$0	\$0	\$0	\$0	\$0	\$279,226	\$232,001	\$511,227	0.610	\$311,609
26	\$0	\$0	\$965,035	\$2,695,230	\$0	\$287,603	\$241,281	\$3,224,114	0.598	\$1,926,664
27	\$0	\$0	\$0	\$0	\$0	\$296,231	\$250,932	\$547,163	0.586	\$320,562
28	\$0	\$0	\$0	\$0	\$0	\$305,118	\$260,969	\$566,087	0.574	\$325,146
29	\$0	\$0	\$0	\$0	\$0	\$314,272	\$271,408	\$585,680	0.563	\$329,804

Life Cycle Cost Generation

Status Quo Carden Park Elementary School

Year	First Costs	Escalated First Costs	Renewal Costs	Escalated Renewal Costs	Option Variable Costs	O and M Costs	Energy Costs	Total Annual Costs	Present Worth	Present Worth Of Total Annual Costs
30	\$0		\$6,113,406		\$0	\$5,933,487	\$6,027,059			\$18,314,855
0	\$0	\$0	\$0	\$0	\$0	\$124,717	\$107,463	\$232,180	1.000	\$232,180
1	\$0	\$0	\$0	\$0	\$0	\$128,459	\$111,762	\$240,221	0.980	\$235,511
2	\$0	\$0	\$0	\$0	\$0	\$132,313	\$116,232	\$248,545	0.961	\$238,893
3	\$0	\$0	\$0	\$0	\$0	\$136,282	\$120,881	\$257,163	0.942	\$242,331
4	\$0	\$0	\$0	\$0	\$0	\$140,371	\$125,717	\$266,088	0.924	\$245,824
5	\$0	\$0	\$0	\$0	\$0	\$144,582	\$130,745	\$275,327	0.906	\$249,372
6	\$0	\$0	\$0	\$0	\$0	\$148,919	\$135,975	\$284,894	0.888	\$252,978
7	\$0	\$0	\$0	\$0	\$0	\$153,387	\$141,414	\$294,801	0.871	\$256,642
8	\$0	\$0	\$1,105,047	\$1,812,858	\$0	\$157,988	\$147,071	\$2,117,917	0.853	\$1,807,622
9	\$0	\$0	\$0	\$0	\$0	\$162,728	\$152,953	\$315,681	0.837	\$264,148
10	\$0	\$0	\$0	\$0	\$0	\$167,610	\$159,072	\$326,682	0.820	\$267,993
11	\$0	\$0	\$0	\$0	\$0	\$172,638	\$165,434	\$338,072	0.804	\$271,899
12	\$0	\$0	\$0	\$0	\$0	\$177,817	\$172,052	\$349,869	0.788	\$275,870
13	\$0	\$0	\$0	\$0	\$0	\$183,152	\$178,934	\$362,086	0.773	\$279,904
14	\$0	\$0	\$0	\$0	\$0	\$188,646	\$186,091	\$374,737	0.758	\$284,004
15	\$0	\$0	\$0	\$0	\$0	\$194,306	\$193,535	\$387,841	0.743	\$288,171
16	\$0	\$0	\$0	\$0	\$0	\$200,135	\$201,276	\$401,411	0.728	\$292,406
17	\$0	\$0	\$0	\$0	\$0	\$206,139	\$209,327	\$415,466	0.714	\$296,710
18	\$0	\$0	\$2,299,211	\$5,069,136	\$0	\$212,323	\$217,700	\$5,499,159	0.700	\$3,850,288
19	\$0	\$0	\$0	\$0	\$0	\$218,693	\$226,408	\$445,101	0.686	\$305,531
20	\$0	\$0	\$0	\$0	\$0	\$225,254	\$235,465	\$460,719	0.673	\$310,050
21	\$0	\$0	\$0	\$0	\$0	\$232,011	\$244,883	\$476,894	0.660	\$314,643
22	\$0	\$0	\$0	\$0	\$0	\$238,972	\$254,679	\$493,651	0.647	\$319,312
23	\$0	\$0	\$623,817	\$1,594,404	\$0	\$246,141	\$264,866	\$2,105,411	0.634	\$1,335,159
24	\$0	\$0	\$0	\$0	\$0	\$253,525	\$275,461	\$528,986	0.622	\$328,882
25	\$0	\$0	\$0	\$0	\$0	\$261,131	\$286,479	\$547,610	0.610	\$333,785
26	\$0	\$0	\$0	\$0	\$0	\$268,965	\$297,938	\$566,903	0.598	\$338,769
27	\$0	\$0	\$0	\$0	\$0	\$277,034	\$309,856	\$586,890	0.586	\$343,836
28	\$0	\$0	\$2,085,331	\$6,178,775	\$0	\$285,345	\$322,250	\$6,786,369	0.574	\$3,897,918
29	\$0	\$0	\$0	\$0	\$0	\$293,905	\$335,140	\$629,045	0.563	\$354,223

Life Cycle Cost Generation

Status Quo Oak Grove Elementary School

Year	First Costs	Escalated First Costs	Renewal Costs	Escalated Renewal Costs	Option Variable Costs	O and M Costs	Energy Costs	Total Annual Costs	Present Worth	Present Worth Of Total Annual Costs
30	\$0		\$6,526,506		\$0	\$7,519,581	\$5,795,803			\$19,957,373
0	\$0	\$0	\$0	\$0	\$0	\$158,056	\$103,340	\$261,396	1.000	\$261,396
1	\$0	\$0	\$0	\$0	\$0	\$162,798	\$107,473	\$270,271	0.980	\$264,971
2	\$0	\$0	\$0	\$0	\$0	\$167,682	\$111,772	\$279,454	0.961	\$268,602
3	\$0	\$0	\$0	\$0	\$0	\$172,712	\$116,243	\$288,955	0.942	\$272,289
4	\$0	\$0	\$0	\$0	\$0	\$177,893	\$120,893	\$298,786	0.924	\$276,032
5	\$0	\$0	\$0	\$0	\$0	\$183,230	\$125,729	\$308,959	0.906	\$279,834
6	\$0	\$0	\$0	\$0	\$0	\$188,727	\$130,758	\$319,485	0.888	\$283,694
7	\$0	\$0	\$0	\$0	\$0	\$194,389	\$135,988	\$330,377	0.871	\$287,613
8	\$0	\$0	\$1,179,718	\$1,935,358	\$0	\$200,221	\$141,428	\$2,277,006	0.853	\$1,943,403
9	\$0	\$0	\$0	\$0	\$0	\$206,227	\$147,085	\$353,312	0.837	\$295,636
10	\$0	\$0	\$0	\$0	\$0	\$212,414	\$152,968	\$365,382	0.820	\$299,741
11	\$0	\$0	\$0	\$0	\$0	\$218,786	\$159,087	\$377,873	0.804	\$303,910
12	\$0	\$0	\$0	\$0	\$0	\$225,350	\$165,450	\$390,800	0.788	\$308,143
13	\$0	\$0	\$0	\$0	\$0	\$232,111	\$172,068	\$404,179	0.773	\$312,443
14	\$0	\$0	\$0	\$0	\$0	\$239,074	\$178,951	\$418,025	0.758	\$316,811
15	\$0	\$0	\$0	\$0	\$0	\$246,246	\$186,109	\$432,355	0.743	\$321,246
16	\$0	\$0	\$0	\$0	\$0	\$253,634	\$193,553	\$447,187	0.728	\$325,751
17	\$0	\$0	\$0	\$0	\$0	\$261,243	\$201,296	\$462,539	0.714	\$330,328
18	\$0	\$0	\$2,454,575	\$5,411,672	\$0	\$269,080	\$209,347	\$5,890,099	0.700	\$4,124,008
19	\$0	\$0	\$0	\$0	\$0	\$277,152	\$217,721	\$494,873	0.686	\$339,696
20	\$0	\$0	\$0	\$0	\$0	\$285,467	\$226,430	\$511,897	0.673	\$344,492
21	\$0	\$0	\$0	\$0	\$0	\$294,031	\$235,487	\$529,518	0.660	\$349,363
22	\$0	\$0	\$0	\$0	\$0	\$302,852	\$244,907	\$547,759	0.647	\$354,312
23	\$0	\$0	\$665,970	\$1,702,143	\$0	\$311,937	\$254,703	\$2,268,783	0.634	\$1,438,762
24	\$0	\$0	\$0	\$0	\$0	\$321,295	\$264,891	\$586,186	0.622	\$364,445
25	\$0	\$0	\$0	\$0	\$0	\$330,934	\$275,487	\$606,421	0.610	\$369,632
26	\$0	\$0	\$0	\$0	\$0	\$340,862	\$286,506	\$627,368	0.598	\$374,902
27	\$0	\$0	\$0	\$0	\$0	\$351,088	\$297,967	\$649,055	0.586	\$380,257
28	\$0	\$0	\$2,226,243	\$6,596,292	\$0	\$361,621	\$309,885	\$7,267,798	0.574	\$4,174,438
29	\$0	\$0	\$0	\$0	\$0	\$372,469	\$322,281	\$694,750	0.563	\$391,222

Life Cycle Cost Generation										
Repurpose Noyes Elementary School										
Year	First Costs	Escalated First Costs	Renewal Costs	Escalated Renewal Costs	Option Variable Costs	O and M Costs	Energy Costs	Total Annual Costs	Present Worth	Present Worth Of Total Annual Costs
30	\$706,381		\$3,398,282		\$0	\$457,736	\$2,617,154			\$8,328,120
0	\$706,381	\$914,796	\$0	\$0	\$0	\$9,621	\$46,664	\$971,081	1.000	\$971,081
1	\$0	\$0	\$159,048	\$212,154	\$0	\$9,910	\$48,531	\$270,595	0.980	\$265,289
2	\$0	\$0	\$0	\$0	\$0	\$10,207	\$50,472	\$60,679	0.961	\$58,323
3	\$0	\$0	\$90,070	\$127,460	\$0	\$10,513	\$52,491	\$190,465	0.942	\$179,479
4	\$0	\$0	\$0	\$0	\$0	\$10,829	\$54,590	\$65,419	0.924	\$60,437
5	\$0	\$0	\$0	\$0	\$0	\$11,154	\$56,774	\$67,928	0.906	\$61,524
6	\$0	\$0	\$622,530	\$962,650	\$0	\$11,488	\$59,045	\$1,033,183	0.888	\$917,437
7	\$0	\$0	\$0	\$0	\$0	\$11,833	\$61,407	\$73,240	0.871	\$63,760
8	\$0	\$0	\$0	\$0	\$0	\$12,188	\$63,863	\$76,051	0.853	\$64,909
9	\$0	\$0	\$0	\$0	\$0	\$12,554	\$66,418	\$78,972	0.837	\$66,080
10	\$0	\$0	\$0	\$0	\$0	\$12,930	\$69,074	\$82,004	0.820	\$67,272
11	\$0	\$0	\$123,164	\$220,789	\$0	\$13,318	\$71,837	\$305,944	0.804	\$246,059
12	\$0	\$0	\$0	\$0	\$0	\$13,718	\$74,711	\$88,429	0.788	\$69,725
13	\$0	\$0	\$0	\$0	\$0	\$14,129	\$77,699	\$91,828	0.773	\$70,986
14	\$0	\$0	\$0	\$0	\$0	\$14,553	\$80,807	\$95,360	0.758	\$72,271
15	\$0	\$0	\$0	\$0	\$0	\$14,990	\$84,039	\$99,029	0.743	\$73,580
16	\$0	\$0	\$908,867	\$1,888,778	\$0	\$15,439	\$87,401	\$1,991,619	0.728	\$1,450,786
17	\$0	\$0	\$0	\$0	\$0	\$15,902	\$90,897	\$106,799	0.714	\$76,272
18	\$0	\$0	\$0	\$0	\$0	\$16,380	\$94,533	\$110,913	0.700	\$77,656
19	\$0	\$0	\$0	\$0	\$0	\$16,871	\$98,314	\$115,185	0.686	\$79,066
20	\$0	\$0	\$0	\$0	\$0	\$17,377	\$102,247	\$119,624	0.673	\$80,504
21	\$0	\$0	\$247,245	\$595,654	\$0	\$17,898	\$106,337	\$719,889	0.660	\$474,965
22	\$0	\$0	\$0	\$0	\$0	\$18,435	\$110,590	\$129,025	0.647	\$83,459
23	\$0	\$0	\$270,209	\$690,623	\$0	\$18,988	\$115,014	\$824,625	0.634	\$522,941
24	\$0	\$0	\$0	\$0	\$0	\$19,558	\$119,614	\$139,172	0.622	\$86,526
25	\$0	\$0	\$0	\$0	\$0	\$20,145	\$124,399	\$144,544	0.610	\$88,104
26	\$0	\$0	\$977,150	\$2,729,068	\$0	\$20,749	\$129,375	\$2,879,192	0.598	\$1,720,546
27	\$0	\$0	\$0	\$0	\$0	\$21,372	\$134,550	\$155,922	0.586	\$91,349
28	\$0	\$0	\$0	\$0	\$0	\$22,013	\$139,932	\$161,945	0.574	\$93,017
29	\$0	\$0	\$0	\$0	\$0	\$22,673	\$145,529	\$168,202	0.563	\$94,717

BECAUSE

LIFE

DESERVES

DESIGN

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