

Sachem Central School District

Proposed Bond Proposition and Equipment

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Sachem Central School District

Proposed Bond Proposition & Equipment

Proposition #1 \$36,287,182

Equipment \$6,021,300

Sachem Central School District
Proposition 1 and Equipment

Estimated Taxes

2015-2037

Proposition # 1

BAN - \$3,540,000

Bond - \$32,747,182

and Energy Performance

Contract Combined

Summary of
Estimated Tax
Inc./ (Dec) per
Homeowner

Fiscal Year <u>Ending 6/30</u>	Proposed Equipment Lease <u>\$6,021,300</u>		
2015	\$0.00	\$0.00	\$0.00
2016	\$0.00	\$0.00	\$0.00
2017	\$27.27	\$0.09	\$27.36
2018	\$27.27	\$15.07	\$42.34
2019	\$27.27	\$15.16	\$42.43
2020	\$27.27	\$14.59	\$41.86
2021	\$27.27	\$12.68	\$39.95
2022	\$7.46	\$12.12	\$19.58
2023	\$0.00	\$11.55	\$11.55
2024	\$0.00	\$10.98	\$10.98
2025	\$0.00	\$10.26	\$10.26
2026	\$0.00	\$8.36	\$8.36
2027	\$0.00	\$7.70	\$7.70
2028	\$0.00	\$6.98	\$6.98
2029	\$0.00	\$6.32	\$6.32
2030	\$0.00	\$4.42	\$4.42
2031	\$0.00	\$3.61	\$3.61
2032	\$0.00	\$2.90	\$2.90
2033	\$0.00	-\$24.93	-\$24.93
2034	\$0.00	-\$25.65	-\$25.65
2035	\$0.00	-\$27.79	-\$27.79
2036	\$0.00	-\$27.79	-\$27.79
2037	<u>\$0.00</u>	<u>-\$27.79</u>	<u>-\$27.79</u>
Total	\$143.81	\$8.84	\$152.65

Sachem Central School District
Proposition 1, 2 and Equipment
Estimated Taxes
2015-2037

Fiscal Year Ending 6/30	Proposed Equipment Lease \$6,021,300	Proposition # 1 BAN - \$3,540,000 Bond - \$32,747,182 and Energy Performance Contract Combined		Proposition # 2 Bond - \$10,499,462		Summary of Estimated Tax Inc./Dec) per Homeowner
2015	\$0.00		\$0.00		\$0.00	\$0.00
2016	\$0.00		\$0.00		\$0.00	\$0.00
2017	\$27.27		\$0.09		\$0.00	\$27.36
2018	\$27.27		\$15.07		\$12.12	\$54.46
2019	\$27.27		\$15.16		\$12.35	\$54.78
2020	\$27.27		\$14.59		\$12.21	\$54.07
2021	\$27.27		\$12.68		\$12.35	\$52.30
2022	\$7.46		\$12.12		\$12.35	\$31.93
2023	\$0.00		\$11.55		\$12.35	\$23.90
2024	\$0.00		\$10.98		\$12.35	\$23.33
2025	\$0.00		\$10.26		\$12.12	\$22.38
2026	\$0.00		\$8.36		\$12.35	\$20.71
2027	\$0.00		\$7.70		\$12.35	\$20.05
2028	\$0.00		\$6.98		\$12.35	\$19.33
2029	\$0.00		\$6.32		\$12.35	\$18.67
2030	\$0.00		\$4.42		\$12.35	\$16.77
2031	\$0.00		\$3.61		\$12.35	\$15.96
2032	\$0.00		\$2.90		\$12.35	\$15.25
2033	\$0.00		-\$24.93		\$0.00	-\$24.93
2034	\$0.00		-\$25.65		\$0.00	-\$25.65
2035	\$0.00		-\$27.79		\$0.00	-\$27.79
2036	\$0.00		-\$27.79		\$0.00	-\$27.79
2037	\$0.00		-\$27.79		\$0.00	-\$27.79
Total	\$143.81		\$8.84		\$184.65	\$337.30

Sachem Central School District
Projected Debt Service
2015-2037
If Prop 1, 2 and Equip. is Approved

<u>Fiscal Year</u>	<u>Existing</u>	<u>EPC Positive</u>	<u>New Debt Service</u>	<u>Total</u>
<u>Ending 6/30</u>	<u>Debt Service</u>	<u>Cash Flow</u>	<u>Prop. 1, 2 and Equip.</u>	<u>Debt Service</u>
2015	\$19,346,975.00	\$0.00	\$0.00	\$19,346,975.00
2016	\$19,349,794.00	\$0.00	\$0.00	\$19,349,794.00
2017	\$19,332,762.00	\$0.00	\$1,151,205.08	\$20,483,967.08
2018	\$19,325,675.00	-\$455,127.00	\$4,323,940.89	\$23,194,488.89
2019	\$19,320,412.00	-\$449,180.00	\$4,331,029.08	\$23,202,261.08
2020	\$15,991,718.00	-\$473,714.00	\$4,327,380.08	\$19,845,384.08
2021	\$13,857,900.00	-\$498,740.00	\$4,331,583.08	\$17,690,743.08
2022	\$13,952,959.00	-\$524,265.00	\$3,754,356.54	\$17,183,050.54
2023	\$13,950,598.00	-\$550,302.00	\$3,181,073.00	\$16,581,369.00
2024	\$13,966,710.00	-\$576,859.00	\$3,177,522.00	\$16,567,373.00
2025	\$14,160,596.00	-\$603,947.00	\$3,173,982.00	\$16,730,631.00
2026	\$13,493,949.00	-\$631,577.00	\$3,180,306.00	\$16,042,678.00
2027	\$12,823,386.00	-\$659,759.00	\$3,176,390.50	\$15,340,017.50
2028	\$12,881,950.00	-\$688,505.00	\$3,177,183.25	\$15,370,628.25
2029	\$12,877,607.00	-\$717,826.00	\$3,177,376.75	\$15,337,157.75
2030	\$12,873,885.00	-\$747,734.00	\$3,182,142.00	\$15,308,293.00
2031	\$4,572,891.00	-\$778,239.00	\$3,176,732.00	\$6,971,384.00
2032	\$0.00	-\$809,355.00	\$3,176,038.00	\$2,366,683.00
2033	\$0.00	-\$1,625,407.00	\$2,291,397.50	\$665,990.50
2034	\$0.00	-\$1,657,779.00	\$2,293,701.50	\$635,922.50
2035	\$0.00	-\$1,690,800.00	\$2,292,322.25	\$601,522.25
2036	\$0.00	-\$1,690,800.00	\$2,292,201.75	\$601,401.75
2037	\$0.00	-\$1,690,800.00	\$2,293,087.50	\$602,287.50

Sachem Central School District at Holbrook, New York

\$36,287,182 Proposed Capital Project (Proposition 1)

Assumptions: Bond and BAN Issues dated October 1, 2016

\$32,747,182 Bonds
 20-year Structure
 MMD "AA" Scale Interest rates + 50 bps - 6.09.15
 EPC Savings offsets a portion of the local share of debt service
 \$3,540,000 Bond Anticipation Notes (6-month term) with 0.50% interest rate
 Can only issue BANs (not long-term bonds) for Smart Schools Funds
 Expectation that \$3,540,000 principal will be repaid by Smart Schools Funds within 90 days

Calculation of Building Aid on Aidable Portion

Calculation of Total Impact of Project on the District after State Building Aid and EPC Savings

Assumption: Aid received on Aidable Portion of Project

Par Amount: \$32,747,182
 Dated: 10/1/2016
 Bond Percent: 90.00%
 State Aid Percent: 76.60%
 State Assumed
 Rate: 2.250%
 Term: 20

Fiscal Year Ending 6/30	State Share of Debt Service	Fiscal Year Ending 6/30	\$32,747,182 Portion Principal	\$32,747,182 Portion Interest	\$3,540,000 BAN Interest	State Aid Received from Aidable Portion of Project	Energy Performance Contract Savings*	District Share of Debt Service on Entire Project**	Estimated Tax Increase/(Decrease) Per Avg. Homeowner***
2017	\$ -	2017	\$ -	\$ -	\$ 8,850	\$ -	\$ -	\$ 8,850	0.09
2018	1,407,991	2018	792,182	1,499,532	-	1,407,991	455,127	428,596	15.07
2019	1,407,991	2019	1,305,000	986,900	-	1,407,991	449,180	434,729	15.16
2020	1,407,991	2020	1,325,000	967,352	-	1,407,991	473,714	410,647	14.59
2021	1,407,991	2021	1,350,000	942,926	-	1,407,991	498,740	386,194	12.68
2022	1,407,991	2022	1,375,000	914,571	-	1,407,991	524,265	357,314	12.12
2023	1,407,991	2023	1,410,000	882,103	-	1,407,991	550,302	333,809	11.55
2024	1,407,991	2024	1,445,000	845,613	-	1,407,991	576,859	305,763	10.98
2025	1,407,991	2025	1,485,000	805,677	-	1,407,991	603,947	278,739	10.26
2026	1,407,991	2026	1,530,000	762,243	-	1,407,991	631,577	252,675	8.36
2027	1,407,991	2027	1,575,000	715,265	-	1,407,991	659,759	222,515	7.70
2028	1,407,991	2028	1,625,000	664,688	-	1,407,991	688,505	193,192	6.98
2029	1,407,991	2029	1,680,000	610,304	-	1,407,991	717,826	164,487	6.32
2030	1,407,991	2030	1,740,000	552,236	-	1,407,991	747,734	136,511	4.42
2031	1,407,991	2031	1,800,000	490,628	-	1,407,991	778,239	104,398	3.61
2032	1,407,991	2032	1,865,000	425,378	-	1,407,991	809,355	73,032	2.90
2033	1,407,991	2033	1,935,000	356,398	-	1,407,991	1,625,407	(742,001)	(24.93)
2034	1,407,991	2034	2,010,000	283,702	-	1,407,991	1,657,779	(772,069)	(25.65)
2035	1,407,991	2035	2,085,000	207,322	-	1,407,991	1,690,800	(806,469)	(27.79)
2036	1,407,991	2036	2,165,000	127,202	-	1,407,991	1,690,800	(806,589)	(27.79)
2037	1,407,991	2037	2,250,000	43,088	-	1,407,991	1,690,800	(805,704)	(27.79)
	<u>\$ 28,159,822</u>		<u>\$ 32,747,182</u>	<u>\$ 13,083,125</u>	<u>\$ 8,850</u>	<u>\$ 28,159,822</u>	<u>\$ 17,520,715</u>	<u>\$ 158,620</u>	

* Energy performance contract savings based upon Johnson Controls working draft dated February 27, 2015.

** Debt Service is exclusive of principal on the \$3,540,000 BAN issued to be paid for with Smart Schools Bond Act funds.

*** Calculated based on the District's internal tax impact formulas.

Sachem Central School District at Holbrook, New York

\$10,499,462 Proposed Capital Project (Proposition 2)

Assumptions: Bond issue dated October 1, 2016

\$9,555,462 Bonds (Aidable)
 15-year Structure
 MMD "AA" Scale interest rates + 50 bps - 6.09.15
 \$944,000 Bonds (Non-aidable)
 15-year Structure
 MMD "AA" Scale interest rates + 50 bps - 6.09.15

Calculation of Building Aid on Aidable Portion

Assumption: Aid received on Aidable Portion of Project

Par Amount: \$9,555,462
 Dated: 10/1/2016
 Bond Percent: 90.00%
 State Aid Percent: 76.60%
 State Assumed
 Rate: 2.250%
 Term: 15

Fiscal Year Ending 6/30	State Share of Debt Service
2017	\$ -
2018	519,882
2019	519,882
2020	519,882
2021	519,882
2022	519,882
2023	519,882
2024	519,882
2025	519,882
2026	519,882
2027	519,882
2028	519,882
2029	519,882
2030	519,882
2031	519,882
2032	519,882
	<u>\$ 7,798,233</u>

Calculation of Total Impact of Project on the District after State Building Aid

Fiscal Year Ending 6/30	\$10,499,462 Bond Principal	\$10,499,462 Bond Interest	State Aid Received from Aidable Portion of Project	District Share of Debt Service on Entire Project	Estimated Tax Increase/(Decrease) Per Avg. Homeowner*
2017	\$ -	\$ -	\$ -	\$ -	-
2018	454,462	426,559	519,882	361,139	12.12
2019	610,000	277,924	519,882	368,042	12.35
2020	615,000	268,823	519,882	363,941	12.21
2021	630,000	257,453	519,882	367,570	12.35
2022	645,000	244,184	519,882	369,301	12.35
2023	660,000	228,971	519,882	369,088	12.35
2024	675,000	211,909	519,882	367,027	12.35
2025	690,000	193,305	519,882	363,423	12.12
2026	715,000	173,063	519,882	368,181	12.35
2027	735,000	151,125	519,882	366,243	12.35
2028	760,000	127,496	519,882	367,613	12.35
2029	785,000	102,073	519,882	367,191	12.35
2030	815,000	74,906	519,882	370,024	12.35
2031	840,000	46,104	519,882	366,222	12.35
2032	870,000	15,660	519,882	365,778	12.35
	<u>\$ 10,499,462</u>	<u>\$ 2,799,553</u>	<u>\$ 7,798,233</u>	<u>\$ 5,500,783</u>	

* Calculated based on the District's internal tax impact formulas.

Chem Central School District at Holbrook, New York

\$6,021,300 Proposed Capital Project (Equipment)

Assumptions: Bond issue dated October 1, 2015

\$6,021,300 Lease for Equipment

6-year Structure

MMD "AA" Scale interest rates + 15 bps - 4.30.15

Calculation of Building Aid on Aidable Portion (Trans

Calculation of Total Impact of Project on the District after State Building Aid

Assumption: Aid received on Aidable Portion of Project
incl. EXCEL Portion of Project

Par Amount: \$3,780,000
Dated: 10/1/2015
Bond Percent: 90.00%
State Aid Percent: 59.00%
State Assumed
Rate: 2.250%
Term: 6

Fiscal Year Ending 6/30	State Share of Debt Service	Fiscal Year Ending 6/30	Principal	Interest	State Aid Received from Aidable Portion of Project	District Share of Debt Service on Entire Project	Estimated Tax Increase/(Decrease) Per Avg. Homeowner
2017	\$ 359,494	2017	\$ 1,023,782	\$ 127,423	\$ 359,494	\$ 791,711	\$ 27.27
2018	359,494	2018	1,082,652	68,554	359,494	791,711	\$ 27.27
2019	359,494	2019	1,098,407	52,798	359,494	791,711	\$ 27.27
2020	359,494	2020	1,114,392	36,814	359,494	791,711	\$ 27.27
2021	359,494	2021	1,130,609	20,596	359,494	791,711	\$ 27.27
2022	359,494	2022	571,459	4,143	359,494	216,108	\$ 7.46
	<u>\$ 2,156,964</u>		<u>\$ 6,021,300</u>	<u>\$ 310,328</u>	<u>\$ 2,156,964</u>	<u>\$ 4,174,663</u>	<u>\$ 143.81</u>

Note: \$3,780,000 represents the Transportation aidable portion of the \$6,021,300 equipment bond.

Sachem Central School District

Suffolk County, New York

\$32,747,182 School District Serial Bonds - 2016

Prevailing 'AA' Rates plus 50 bps - 6.09.15

Debt Service Schedule

Part 1 of 2

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
10/15/2016	-	-	-	-	-
10/15/2017	792,182.00	0.840%	1,001,906.33	1,794,088.33	-
04/15/2018	-	-	497,626.00	497,626.00	-
06/30/2018	-	-	-	-	2,291,714.33
10/15/2018	1,305,000.00	1.280%	497,626.00	1,802,626.00	-
04/15/2019	-	-	489,274.00	489,274.00	-
06/30/2019	-	-	-	-	2,291,900.00
10/15/2019	1,325,000.00	1.690%	489,274.00	1,814,274.00	-
04/15/2020	-	-	478,077.75	478,077.75	-
06/30/2020	-	-	-	-	2,292,351.75
10/15/2020	1,350,000.00	1.960%	478,077.75	1,828,077.75	-
04/15/2021	-	-	464,847.75	464,847.75	-
06/30/2021	-	-	-	-	2,292,925.50
10/15/2021	1,375,000.00	2.200%	464,847.75	1,839,847.75	-
04/15/2022	-	-	449,722.75	449,722.75	-
06/30/2022	-	-	-	-	2,289,570.50
10/15/2022	1,410,000.00	2.460%	449,722.75	1,859,722.75	-
04/15/2023	-	-	432,379.75	432,379.75	-
06/30/2023	-	-	-	-	2,292,102.50
10/15/2023	1,445,000.00	2.650%	432,379.75	1,877,379.75	-
04/15/2024	-	-	413,233.50	413,233.50	-
06/30/2024	-	-	-	-	2,290,613.25
10/15/2024	1,485,000.00	2.800%	413,233.50	1,898,233.50	-
04/15/2025	-	-	392,443.50	392,443.50	-
06/30/2025	-	-	-	-	2,290,677.00
10/15/2025	1,530,000.00	2.960%	392,443.50	1,922,443.50	-
04/15/2026	-	-	369,799.50	369,799.50	-
06/30/2026	-	-	-	-	2,292,243.00
10/15/2026	1,575,000.00	3.090%	369,799.50	1,944,799.50	-
04/15/2027	-	-	345,465.75	345,465.75	-
06/30/2027	-	-	-	-	2,290,265.25
10/15/2027	1,625,000.00	3.230%	345,465.75	1,970,465.75	-
04/15/2028	-	-	319,222.00	319,222.00	-
06/30/2028	-	-	-	-	2,289,687.75
10/15/2028	1,680,000.00	3.350%	319,222.00	1,999,222.00	-
04/15/2029	-	-	291,082.00	291,082.00	-
06/30/2029	-	-	-	-	2,290,304.00
10/15/2029	1,740,000.00	3.440%	291,082.00	2,031,082.00	-
04/15/2030	-	-	261,154.00	261,154.00	-
06/30/2030	-	-	-	-	2,292,236.00
10/15/2030	1,800,000.00	3.520%	261,154.00	2,061,154.00	-
04/15/2031	-	-	229,474.00	229,474.00	-
06/30/2031	-	-	-	-	2,290,628.00
10/15/2031	1,865,000.00	3.600%	229,474.00	2,094,474.00	-

Sachem Central School District

Suffolk County, New York

\$32,747,182 School District Serial Bonds - 2016

Prevailing 'AA' Rates plus 50 bps - 6.09.15

Debt Service Schedule

Part 2 of 2

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
04/15/2032	-	-	195,904.00	195,904.00	-
06/30/2032	-	-	-	-	2,290,378.00
10/15/2032	1,935,000.00	3.660%	195,904.00	2,130,904.00	-
04/15/2033	-	-	160,493.50	160,493.50	-
06/30/2033	-	-	-	-	2,291,397.50
10/15/2033	2,010,000.00	3.710%	160,493.50	2,170,493.50	-
04/15/2034	-	-	123,208.00	123,208.00	-
06/30/2034	-	-	-	-	2,293,701.50
10/15/2034	2,085,000.00	3.750%	123,208.00	2,208,208.00	-
04/15/2035	-	-	84,114.25	84,114.25	-
06/30/2035	-	-	-	-	2,292,322.25
10/15/2035	2,165,000.00	3.790%	84,114.25	2,249,114.25	-
04/15/2036	-	-	43,087.50	43,087.50	-
06/30/2036	-	-	-	-	2,292,201.75
10/15/2036	2,250,000.00	3.830%	43,087.50	2,293,087.50	-
06/30/2037	-	-	-	-	2,293,087.50
Total	\$32,747,182.00	-	\$13,083,125.33	\$45,830,307.33	-

Yield Statistics

Bond Year Dollars	\$382,252.18
Average Life	11.673 Years
Average Coupon	3.4226424%
Net Interest Cost (NIC)	3.4226424%
True Interest Cost (TIC)	3.3841716%
Bond Yield for Arbitrage Purposes	3.3841688%
All Inclusive Cost (AIC)	3.3841716%

IRS Form 8038

Net Interest Cost	3.4226424%
Weighted Average Maturity	11.673 Years

Sachem Central School District

Suffolk County, New York

\$10,499,462 School District Serial Bonds - 2016

Prevailing 'AA' Rates plus 50 bps - 6.09.15

Debt Service Schedule

Part 1 of 2

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
10/15/2016	-	-	-	-	-
10/15/2017	454,462.00	0.840%	285,645.48	740,107.48	-
04/15/2018	-	-	140,914.00	140,914.00	-
06/30/2018	-	-	-	-	881,021.48
10/15/2018	610,000.00	1.280%	140,914.00	750,914.00	-
04/15/2019	-	-	137,010.00	137,010.00	-
06/30/2019	-	-	-	-	887,924.00
10/15/2019	615,000.00	1.690%	137,010.00	752,010.00	-
04/15/2020	-	-	131,813.25	131,813.25	-
06/30/2020	-	-	-	-	883,823.25
10/15/2020	630,000.00	1.960%	131,813.25	761,813.25	-
04/15/2021	-	-	125,639.25	125,639.25	-
06/30/2021	-	-	-	-	887,452.50
10/15/2021	645,000.00	2.200%	125,639.25	770,639.25	-
04/15/2022	-	-	118,544.25	118,544.25	-
06/30/2022	-	-	-	-	889,183.50
10/15/2022	660,000.00	2.460%	118,544.25	778,544.25	-
04/15/2023	-	-	110,426.25	110,426.25	-
06/30/2023	-	-	-	-	888,970.50
10/15/2023	675,000.00	2.650%	110,426.25	785,426.25	-
04/15/2024	-	-	101,482.50	101,482.50	-
06/30/2024	-	-	-	-	886,908.75
10/15/2024	690,000.00	2.800%	101,482.50	791,482.50	-
04/15/2025	-	-	91,822.50	91,822.50	-
06/30/2025	-	-	-	-	883,305.00
10/15/2025	715,000.00	2.960%	91,822.50	806,822.50	-
04/15/2026	-	-	81,240.50	81,240.50	-
06/30/2026	-	-	-	-	888,063.00
10/15/2026	735,000.00	3.090%	81,240.50	816,240.50	-
04/15/2027	-	-	69,884.75	69,884.75	-
06/30/2027	-	-	-	-	886,125.25
10/15/2027	760,000.00	3.230%	69,884.75	829,884.75	-
04/15/2028	-	-	57,610.75	57,610.75	-
06/30/2028	-	-	-	-	887,495.50
10/15/2028	785,000.00	3.350%	57,610.75	842,610.75	-
04/15/2029	-	-	44,462.00	44,462.00	-
06/30/2029	-	-	-	-	887,072.75
10/15/2029	815,000.00	3.440%	44,462.00	859,462.00	-
04/15/2030	-	-	30,444.00	30,444.00	-
06/30/2030	-	-	-	-	889,906.00
10/15/2030	840,000.00	3.520%	30,444.00	870,444.00	-
04/15/2031	-	-	15,660.00	15,660.00	-

Sachem Central School District

Suffolk County, New York

\$10,499,462 School District Serial Bonds - 2016

Prevailing 'AA' Rates plus 50 bps - 6.09.15

Debt Service Schedule

Part 2 of 2

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
06/30/2031	-	-	-	-	886,104.00
10/15/2031	870,000.00	3.600%	15,660.00	885,660.00	-
06/30/2032	-	-	-	-	885,660.00
Total	\$10,499,462.00	-	\$2,799,553.48	\$13,299,015.48	-

Yield Statistics

Bond Year Dollars	\$90,439.46
Average Life	8.614 Years
Average Coupon	3.0954999%
Net Interest Cost (NIC)	3.0954999%
True Interest Cost (TIC)	3.0652881%
Bond Yield for Arbitrage Purposes	3.0652881%
All Inclusive Cost (AIC)	3.0652881%

IRS Form 8038

Net Interest Cost	3.0954999%
Weighted Average Maturity	8.614 Years

Sachem Central School District

\$6,021,300 Equipment Lease - 2015

MMD Rates plus 15 bps (1.30%) - 4.30.15

Debt Service Schedule

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
10/01/2015	-	-	-	-	-
10/01/2016	488,293.69	1.450%	87,308.85	575,602.54	-
04/01/2017	535,488.24	1.450%	40,114.30	575,602.54	-
06/30/2017	-	-	-	-	1,151,205.08
10/01/2017	539,370.53	1.450%	36,232.01	575,602.54	-
04/01/2018	543,280.97	1.450%	32,321.57	575,602.54	-
06/30/2018	-	-	-	-	1,151,205.08
10/01/2018	547,219.76	1.450%	28,382.78	575,602.54	-
04/01/2019	551,187.10	1.450%	24,415.44	575,602.54	-
06/30/2019	-	-	-	-	1,151,205.08
10/01/2019	555,183.21	1.450%	20,419.33	575,602.54	-
04/01/2020	559,208.29	1.450%	16,394.25	575,602.54	-
06/30/2020	-	-	-	-	1,151,205.08
10/01/2020	563,262.55	1.450%	12,339.99	575,602.54	-
04/01/2021	567,346.20	1.450%	8,256.34	575,602.54	-
06/30/2021	-	-	-	-	1,151,205.08
10/01/2021	571,459.46	1.450%	4,143.08	575,602.54	-
06/30/2022	-	-	-	-	575,602.54
Total	\$6,021,300.00	-	\$310,327.94	\$6,331,627.94	-

Yield Statistics

Bond Year Dollars	\$21,401.93
Average Life	3.554 Years
Average Coupon	1.4500000%
Net Interest Cost (NIC)	1.4500000%
True Interest Cost (TIC)	1.4484934%
Bond Yield for Arbitrage Purposes	1.4484934%
All Inclusive Cost (AIC)	1.4484934%

IRS Form 8038

Net Interest Cost	1.4500000%
Weighted Average Maturity	3.554 Years

Equipment Needs Master List

School Buses (6 per year for 5 years)

Pony Truck

Ford Expedition or Equal

F250 4X4 Pick-up with plow and sander- also used for snow

Generator

Ford Expedition or Equal

Security Vehicles (2 per year for 5 years) Use State Contract

Electric Range 18" (Heavy Duty)

Electric Range 36" w/Convection Oven

Ford Expedition or Equal

F350 Dump Trucks with Plow and Sander - also used for snow

F550 4x4 Dump with Plow and Sander - also used for snow

F250 Pick-up with plow - also used for snow

F250 Extended Cab 4x4 with Plow - also used for snow

Bucket Truck With Crane Attachment

3 Extended Ford Vans

One Tow behind hot box (black topping)

John Deere Tractor

Electric Golf Carts (For Grounds)

Infrared Heat Gun

Generators (Baldor) - Tow Behind

Generator

F350 4x4 enclosed utility body with plow

Western Plow Set up

Toro 5900 Mower - 16 Foot Cutting Deck

Ground Master 7210 Mower - 72" deck

Ride on Auto Scrubbers

Walk Behind Auto Scrubbers

Cement Mixer

Back Hoe

Department

* Transportation

Transportation

Transportation

Transportation

* Transportation

Security

Security

Food Service

Food Service

Facilities

Facilities

Facilities

Facilities

Facilities

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1

1

3

1

1

2

1

2

1

1

2

1

1

6

6

1

1

Unit Cost

\$125,000

\$37,000

\$29,000

\$33,000

\$30,000

\$29,000

\$25,000

\$6,500

\$16,500

\$29,000

\$56,000

\$58,000

\$31,000

\$33,000

\$165,000

\$31,500

\$24,000

\$34,500

\$11,000

\$5,000

\$40,000

\$30,000

\$55,000

\$6,000

\$97,000

\$19,500

\$15,000

\$11,000

\$6,500

\$140,000

Total Cost

\$3,750,000

\$37,000

\$58,000

\$33,000

\$30,000

\$29,000

\$250,000

\$65,000

\$49,500

\$29,000

\$112,000

\$116,000

\$62,000

\$33,000

\$165,000

\$94,500

\$24,000

\$34,500

\$22,000

\$5,000

\$80,000

\$30,000

\$55,000

\$12,000

\$97,000

\$19,500

\$90,000

\$66,000

\$6,500

\$140,000

Health & Safety

\$3,750,000

\$37,000

\$58,000

\$33,000

\$30,000

29,000

\$250,000

\$65,000

\$49,500

29,000

\$112,000

\$116,000

\$62,000

\$33,000

\$165,000

\$94,500

\$24,000

\$34,500

\$22,000

\$5,000

\$80,000

\$30,000

\$55,000

Equipment Improvements

\$12,000 1

\$97,000 2

\$19,500 3

\$90,000 4

\$66,000 5

\$6,500 6

\$140,000 7

Health & Safety

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

Equipment Improvements

X 1

X 2

X 3

X 4

X 5

X 6

X 7

Van or 4X4 Pick-up with cap	Facilities	1	\$31,500	\$31,500		\$31,500	8		X	8
2 Sprinter Enclosed Vans	Facilities	2	\$45,000	\$90,000		\$90,000	9		X	9
Generator	Facilities/Radio Station	1	\$15,000	\$15,000		\$15,000	10		X	10
OTDR for Fiber Testing	Facilities	1	\$9,200	\$9,200		\$9,200	11		X	11
Cleaver for Fiber Splicing	Facilities	1	\$16,400	\$16,400		\$16,400	12		X	12
Volleyball Setup for North	Athletics	1	\$10,000	\$10,000	\$10,000				X	
Turf Field Scorer Tables	Athletics	2	\$15,000	\$30,000		\$30,000	1		X	1
Internal scoreboard panels	Athletics	2	\$10,000	\$20,000		\$20,000	2		X	2
Scoreboards for North	Athletics	3	\$15,000	\$45,000		\$45,000	3		X	3
Turf Field Groomer w/ quad attachment	Athletics	1	\$15,000	\$15,000		\$15,000	4		X	4
Shredder	Mailroom	1	\$9,700	\$9,700		\$9,700			X	
Radio Station Transmitter	Radio Station	1	\$35,000	\$35,000		\$35,000			X	
Computers for Information Systems Upgrade	Information Systems		\$100,000	<u>\$100,000</u>		<u>\$100,000</u>			X	
				<u>\$6,021,300</u>		<u>\$5,173,500</u>				
						<u>\$847,800</u>				

* School Buses and the Generator shall receive Transportation Aid.

Sachem Central School District Health & Safety ADA Bond

Total Bond Cost: (prop 1&2 and equipment)
Total Capital Projects cost - Proposition 1:
Total Capital Projects cost - Proposition 2:
Total Equipment Cost:

\$52,807,944.00
\$36,287,182.00
\$10,499,462.00
\$6,021,300.00

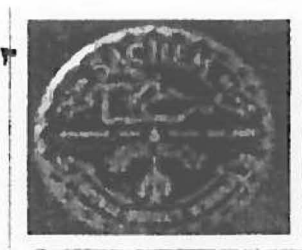
FINAL DRAFT 4/20/15 - revised 4/29/2015
revised 6/4/2015, 7/17/2015 (added turf outfields)
revised 7/28/2015(added north lights and east track)
revised 8/12/2015(added softball outfields)

Project Type Legend:

1. ADA - American Disabilities Act Compliance
2. CC - Building Code of NYS Compliance
3. HSS - Health , Safety & Security Upgrades
4. OCM - Other Capital Measures
5. E - Equipment needs

Notes:

1. All buildings shall follow and comply with the 2010 ADA Standards to have their buildings readily accessible to and usable by individuals with disabilities. This includes access to all school and administration buildings, places of public assembly, i.e. auditoriums, cafeterias and gymnasiums, office space, parking facilities, bathrooms and lockers rooms.
2. All new PA systems will be compatible with Bogen products and systems and will account for the time changes such as daylight saving time (DST). All existing Bogen systems will be upgraded to account for DST also.



PROPOSITION #1

School Name	Type	Capital Item Description	Construction Cost	Total Cost w/ 18% contingency
Cayuga Elementary School				
In House	ADA	Convert all locks to BEST master system	\$38,000.00	\$44,840.00
		<i>Exterior door locks have been converted to the BEST master system. The interior doors have Sargent locks. All interior doors should be converted to BEST master system.</i>		
In House	ADA	Replace classroom cabinets including sinks and sink cabinets	\$26,000.00	\$30,680.00
		<i>Replace old and deteriorated classroom cabinets and sinks in rooms 9 and 10. Furnish and install (1) ADA sink cabinet per grade</i>		
	ADA	Renovate (2) classroom bathrooms to be handicap accessible	\$142,000.00	\$167,560.00
In House	ADA	Replace drinking fountains w/ new handicap accessible fountains	\$47,000.00	\$55,460.00
	ADA/HSS	Construct new entry vestibules	\$175,000.00	\$206,500.00
		<i>Install entry vestibule w/2 pair of doors with ADA compliant hardware</i>		
	ADA	Repair existing parking lot and driveways and install new top coat. Install ADA drop curbs where required.	\$177,000.00	\$208,860.00
		<i>Approx. 30,000 s.f. of existing asphalt pavement to be crack-filled and sealed (cracks & pot holes). The parking lot will receive a 1-1/2" asphalt top coat. Damage curbing will be repaired where needed. Parking stalls shall be re-striped to comply with ADA Standards. ADA curb cuts will be installed where required.</i>		
In House	HSS	VCT Floor Replacement	\$88,000.00	\$103,840.00
		<i>Replace approx. 5,700 s.f. of existing VCT flooring in classrooms: 5, 9, 10, 22, 26, 37, 42. Floors to be tested for the presence of asbestos prior to removal</i>		
	HSS	New Fire & Security System Panel	\$24,000.00	\$28,320.00
		<i>Install new 4100ES Fire and Security System Panel (2)</i>		
In House	OCM	Acoustical Ceiling Replacement	\$17,000.00	\$20,060.00
		<i>Existing 12x12 concealed spline ceiling in entry area to be removed and replaced with new 2x2 suspended grid and tiles approx. 700 sqft.</i>		
In House	OCM	Replace existing stage lighting	\$142,000.00	\$167,560.00
		<i>Replace existing inefficient stage lighting with new LED technology and new rigging meeting current safety standards.</i>		
		Total At Cayuga	\$876,000.00	\$1,033,680.00

School Name	Type	Capital Item Description	Construction Cost	Total Cost w/ 18% contingency
Chippewa Elementary School				
In House	ADA	Convert all locks to BEST master system	\$15,000.00	\$17,700.00
		<i>Exterior door locks have been converted to the BEST master system. The interior doors have Sargent locks. All interior doors should be converted to BEST master system.</i>		
In House	ADA	Replace classroom cabinets including sinks and sink cabinets	\$148,000.00	\$174,640.00
		<i>Replace old worn and deteriorated wood cabinets including sinks in classrooms: 9, 10, 13, 14, 16, 17, 18, 19, 20, 21, 22, 23, 26, 27, 28, 29, 32, 33, 34, 38, 39). Total of 21 classrooms.</i>		
	ADA	Upgrade Gym Lavatories	\$10,000.00	\$11,800.00
		<i>Install new partitions in Boys and Girls Gym bathrooms</i>		
	ADA/HSS	Construct new entry vestibules	\$175,000.00	\$206,500.00
		<i>Install entry vestibule w/2 pair of doors with ADA compliant hardware</i>		
	HSS	VAT Abatement and VCT Installation	\$307,000.00	\$362,260.00
		<i>Abate & replace VAT flooring in 24 classrooms: 6, 8, 9, 10, 13, 14, 16, 17, 18, 19, 20, 21, 23, 24, 25, 27, 29, 31, 32, 33, 34, 38, 39, 42. Approx: 20,000 s.f.</i>		
In House	HSS	New PA System	\$30,000.00	\$35,400.00
		<i>New PA system needed. Replace existing Rauland PA system with new Bogen system.</i>		
	HSS	New Fire & Security System Panel	\$24,000.00	\$28,320.00
		<i>Install new 4100ES Fire and Security System Panel (2)</i>		
	HSS	Parking Lot Modifications	\$227,754.24	\$268,750.00
		<i>Construct new bus drop off for mini buses</i>		
	OCM	Gym Partition Replacement	\$30,000.00	\$35,400.00
		<i>Replace existing gym partition with new manually operated walk draw curtain</i>		
In House	OCM	Replace existing stage lighting in Auditorium/cafeteria	\$142,000.00	\$167,560.00
		<i>Replace existing inefficient stage lighting with new LED technology and new rigging meeting current safety standards.</i>		
		Total At Chippewa	\$1,108,754.24	\$1,308,330.00

School Name	Type	Capital Item Description	Construction Cost	Total Cost w/ 18% contingency
Gatelot Avenue Elementary School				
In House	ADA	Convert all locks to BEST master system	\$15,000.00	\$17,700.00
		<i>Exterior door locks have been converted to the BEST master system. 25% of the interior doors have Sargent locks. Replace remaining existing locks with BEST master system to match rest of building..</i>		
In House	ADA	Replace drinking fountains w/ new handicap accessible fountains	\$47,000.00	\$55,460.00
	ADA	Upgrade Classroom bathrooms to be handicap accessible (3 rooms)	\$212,000.00	\$250,160.00
	HSS	VAT Abatement and VCT Installation	\$43,000.00	\$50,740.00
		<i>Abate & replace VAT flooring in 3classrooms: 13, 14, 15 and (2) storage rooms : 10, 20 Approx: 2,800 s.f.</i>		
	HSS	New Fire & Security System Panel	\$24,000.00	\$28,320.00
		<i>Install new 4100ES Fire and Security System Panel (2)</i>		
	HSS	Curb and sidewalk installation along Gatelot Avenue	\$75,000.00	\$88,500.00
	OCM	Gym Partition Replacement	\$30,000.00	\$35,400.00
		<i>Replace existing gym partition with new manually operated walk draw curtain</i>		
In House	OCM	Replace existing stage lighting in Auditorium/cafeteria	\$142,000.00	\$167,560.00
		<i>Replace existing inefficient stage lighting with new LED technology and new rigging meeting current safety standards.</i>		
		Total At Gatelot	\$588,000.00	\$693,840.00

School Name	Type	Capital Item Description	Construction Cost	Total Cost w/ 18% contingency
Grundy Avenue Elementary School				
In House	ADA	Convert all locks to BEST master system	\$43,000.00	\$50,740.00
		<i>A few doors have already been converted from Sargent to BEST. All remaining doors should be converted to BEST master system.</i>		
In House	ADA	Replace sink cabinets in classrooms	\$21,000.00	\$24,780.00
		<i>Replace old and termite damaged sink cabinet in CR #11. Furnish and install (1) ADA sink cabinet per grade</i>		
In House	ADA	Replace classroom bathroom doors	\$60,000.00	\$70,800.00
		<i>Replace rusted bathroom doors & door frames in Classrooms: 11, 20, 21, 37, 38, 39, 40, 42, 43, 44, 45, 46, 51, 52, 53, 55, 56.</i>		
	ADA	Upgrade Gym Lavatories	\$10,000.00	\$11,800.00
		<i>Boys and Girls Locker room bathroom toilet partitions have peeling paint and substantial rust. Install new solid plastic partitions in both bathrooms</i>		
	ADA	Renovate (2) classroom bathrooms to be handicap accessible	\$142,000.00	\$167,560.00
	ADA/HSS	Construct new entry vestibules	\$175,000.00	\$206,500.00
		<i>Install entry vestibule w/2 pair of doors with ADA compliant hardware</i>		
	ADA	Repair existing parking lot and driveways and install new top coat. Install ADA drop curbs where required.	\$309,000.00	\$364,620.00
		<i>Approx. 52,400 s.f. of existing asphalt pavement to be crack-filled and sealed (cracks & pot holes). The parking lot will receive a 1-1/2" asphalt top coat. Damage curbing will be repaired where needed. Parking stalls shall be re-striped to comply with ADA Standards. ADA curb cuts will be installed where required.</i>		
In House	ADA	Replace drinking fountains w/ new handicap accessible fountains	\$47,000.00	\$55,460.00
In House	HSS	Library window replacement	\$40,000.00	\$47,200.00
	HSS	VAT Abatement and VCT Installation	\$10,000.00	\$11,800.00
		<i>Abate & replace VAT flooring in classrooms: 22 & 33 and storage room B Approx: 400 s.f.</i>		
In House	HSS	New PA System	\$30,000.00	\$35,400.00
		<i>New PA system needed. Replace existing Rauland PA system with new Bogen system.</i>		

	HSS	New Fire & Security System Panel	\$24,000.00	\$28,320.00
		<i>Install new 4100ES Fire and Security System Panel (2)</i>		
	HSS	Mechanical upgrades	\$125,000.00	\$147,500.00
		<i>Convert/replace oil burner to be dual fuel capable. Extend gas line to boiler room</i>		
In House	OCM	Replace existing stage lighting	\$142,000.00	\$167,560.00
		<i>Replace existing inefficient stage lighting with new LED technology and new rigging meeting current safety standards.</i>		
		Total At Grundy	\$1,178,000.00	\$1,390,040.00

School Name	Type	Capital Item Description	Construction Cost	Total Cost w/ 18% contingency
Hiawatha Elementary School				
In House	ADA	Convert all locks to BEST master system	\$40,000.00	\$47,200.00
		<i>All doors should be converted to BEST master system.</i>		
In House	ADA	Replace classroom bathroom doors	\$11,000.00	\$12,980.00
		<i>Replace rusted bathroom doors & door frames in Classrooms: 19, 20, 25.</i>		
In House	ADA	Replace sink cabinets in classrooms	\$71,000.00	\$83,780.00
		<i>Replace old and damaged sink cabinet in 10 Classrooms: 10, 11, 12, 15, 16, 18, 21, 22, 23, 24.</i>		
	ADA/HSS	Construct new entry vestibules	\$175,000.00	\$206,500.00
		<i>Install entry vestibule w/2 pair of doors with ADA compliant hardware</i>		
	ADA	Repair existing parking lot and driveways and install new top coat. Install ADA drop curbs where required.	\$89,000.00	\$105,020.00
		<i>Approx. 15,000 s.f. of existing asphalt pavement to be crack-filled and sealed (cracks & pot holes). The parking lot will receive a 1-1/2" asphalt top coat. Damage curbing will be repaired where needed. Parking stalls shall be re-striped to comply with ADA Standards. ADA curb cuts will be installed where required.</i>		
In House	ADA	Replace drinking fountains w/ new handicap accessible fountains	\$35,000.00	\$41,300.00
	HSS	VAT Abatement and VCT Installation	\$352,000.00	\$415,360.00
		<i>28 classrooms and other rooms have VAT floor: Abate Vat and replace with new VCT flooring in classrooms: 10, 11, 12, 15, 16, 18, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, ST, 34, 35, 36, 38, 40, 41, 42, 43, Cust. Closet. Approx: 23,000 s.f.</i>		
	HSS	New Fire & Security System Panel	\$24,000.00	\$28,320.00
		<i>Install new 4100ES Fire and Security System Panel (2)</i>		
In House	OCM	Replace existing stage lighting	\$142,000.00	\$167,560.00
		<i>Replace existing inefficient stage lighting with new LED technology and new rigging meeting current safety standards.</i>		
		Total At Hiawatha	\$939,000.00	\$1,108,020.00

School Name	Type	Capital Item Description	Construction Cost	Total Cost w/ 18% contingency
Lynwood Avenue Elementary School				
In House	ADA	Convert all locks to BEST master system	\$38,000.00	\$44,840.00
		<i>All doors should be converted to BEST master system.</i>		
In House	ADA	Replace interior doors	\$148,000.00	\$174,640.00
		<i>Replace old worn & damaged interior doors in rooms: 3, 4, 8, 9, 10, 11, 12, 14, 15, 16, 17, 18, 19, 23, 24, Boy's Toilet, Girl's Toilet, 26, 27, 28, 29, S6, 30, 31, 32, 33, 34, 35, 37, slop sink room, (2) Kitchen, (2) pair and (2) single in Cafeteria, (2) pair in Gym. Total of 26 Classroom single doors w/transom + 8 single doors + 4 pair of doors.</i>		
	ADA	Upgrade Gym and Classroom bathrooms	\$50,000.00	\$59,000.00
		<i>(4) existing bathrooms to have existng partitions removed and replaced with enw solid plastic partitions. The Boy's & Girl's bathroom between Rms 42 & 23 and the Boy's & Girl's locker room bathrooms. The Boys and Girls bathrooms between rooms 42 & 23 to also receive new ceramic wall tile 4'-0" high.</i>		
	ADA	Renovate (2) classroom bathrooms to be handicap accessible	\$142,000.00	\$167,560.00
In House	ADA	Replace drinking fountains w/ new handicap accessible fountains	\$35,000.00	\$41,300.00
	ADA/HSS	Construct new entry vestibules	\$175,000.00	\$206,500.00
		<i>Install entry vestibule w/2 pair of doors with ADA compliant hardware</i>		
	ADA	Install new concrete walkways	\$12,000.00	\$14,160.00
		<i>Install new 5'0 wide concrete walkways between room 19 and 78 wing and around the Music room. Approx. 850 s.f.</i>		
In House	HSS	New PA System	\$30,000.00	\$35,400.00
		<i>New PA system needed. Replace existing Rauland PA system with new Bogen system.</i>		
	HSS	New Fire & Security System Panel	\$24,000.00	\$28,320.00
		<i>Install new 4100ES Fire and Security System Panel (2)</i>		
In House	OCM	Acoustical Ceiling Replacement	\$59,000.00	\$69,620.00
		<i>Existing 12x12 concealed spline ceiling in rooms 23, 24, 37, and slop sink room to be removed and replaced with new 2x2 suspended grid and tiles approx. 2,500 sqft.</i>		

In Hc	OCM	Replace existing stage lighting	\$142,000.00	\$167,560.00
		<i>Replace existing inefficient stage lighting with new LED technology and new rigging meeting current safety standards.</i>		
	OCM	Roof replacement	\$92,000.00	\$108,560.00
		<i>Replace existing shingle roofing at the Cafeteria pitched roof. Approx. 6,500 s.f.</i>		
		Total At Lynwood	\$947,000.00	\$1,117,460.00

School Name	Type	Capital Item Description	Construction Cost	Total Cost w/ 18% contingency
Merrimac Elementary School				
In House	ADA	Convert all locks to BEST master system	\$45,000.00	\$53,100.00
		<i>30% of the doors w/ Sargent locks have been replaced with BEST. Replace remaining 70% of the locks with BEST master system to match rest of building..</i>		
In House	ADA	Replace classroom bathroom doors	\$7,000.00	\$8,260.00
		<i>Replace rusted bathroom doors & door frames in Classrooms: 9, 13</i>		
In House	ADA	Replace sink cabinets in classrooms	\$35,000.00	\$41,300.00
		<i>Replace old and damaged sink cabinet in 3Classrooms: 13, 14, 41. Install (1) ADA sink cabinet per grade</i>		
	ADA	Upgrade Gym Lavatories	\$10,000.00	\$11,800.00
		<i>Boys and Girls Locker room bathroom toilet partitions are old and are rusted. Install new solid plastic partitions in both bathrooms</i>		
	ADA	Renovate (2) classroom bathrooms to be handicap accessible	\$142,000.00	\$167,560.00
In House	ADA	Replace drinking fountains w/ new handicap accessible fountains	\$35,000.00	\$41,300.00
	ADA/HSS	Construct new entry vestibules	\$175,000.00	\$206,500.00
		<i>Install entry vestibule w/2 pair of doors with ADA compliant hardware</i>		
	ADA	Repair existing parking lot and driveways and sealcoat. Install ADA drop curbs where required.	\$300,000.00	\$354,000.00
		<i>Approx. 51,000 s.f. of existing asphalt pavement to be crack-filled and sealed (cracks & pot holes). The parking lot will receive asphalt seal coat. Damage curbing will be repaired where needed. Parking stalls shall be re-striped to comply with ADA Standards. ADA curb cuts will be installed where required.</i>		
	HSS	New Fire & Security System Panel	\$24,000.00	\$28,320.00
		<i>Install new 4100ES Fire and Security System Panel (2)</i>		
In House	OCM	Replace existing stage lighting	\$142,000.00	\$167,560.00
		<i>Replace existing inefficient stage lighting with new LED technology and new rigging meeting current safety standards.</i>		
		Total At Merrimac	\$915,000.00	\$1,079,700.00

School Name	Type	Capital Item Description	Construction Cost	Total Cost w/ 18% contingency
Nokomis Elementary School				
In House	ADA	Convert all locks to BEST master system	\$28,000.00	\$33,040.00
		<i>50% of the doors w/ Sargent locks have been replaced with BEST. Replace remaining 50% of the locks with BEST master system to match rest of building..</i>		
In House	ADA	Replace classroom bathroom doors	\$32,000.00	\$37,760.00
		<i>Replace 9 rusted bathroom doors & door frames in Classrooms: 10, 11, 12, 18, 19, 20, 21, 22, 23.</i>		
	ADA/HSS	Construct new entry vestibules	\$175,000.00	\$206,500.00
		<i>Install entry vestibule w/2 pair of doors with ADA compliant hardware</i>		
	HSS	VAT Abatement and VCT Installation	\$215,000.00	\$253,700.00
		<i>17 classrooms and other rooms have VAT floor: Abate VAT and replace with new VCT flooring in classrooms: 26, 27, 28, 29, 30, 31, 32, 33, storage-34, 35, 36, 37, 41, 42, 43, 44, Art Rm. Also replace damaged VCT in corridor between rooms 17 & 18. Approx: 14,000 s.f.</i>		
	HSS	New Fire & Security System Panel	\$24,000.00	\$28,320.00
		<i>Install new 4100ES Fire and Security System Panel (2)</i>		
In House	OCM	Replace existing stage lighting	\$142,000.00	\$167,560.00
		<i>Replace existing inefficient stage lighting with new LED technology and new rigging meeting current safety standards.</i>		
		Total At Nokomis	\$616,000.00	\$726,880.00

School Name	Type	Capital Item Description	Construction Cost	Total Cost w/ 18% contingency
Tamarac Elementary School				
In House	ADA	Convert all locks to BEST master system	\$38,000.00	\$44,840.00
		<i>30% of the doors w/ Sargent locks have been replaced with BEST. Replace remaining 70% of the locks with BEST master system to match rest of building..</i>		
In House	ADA	Replace sink cabinets in classrooms	\$28,000.00	\$33,040.00
		<i>Replace old and damaged sink cabinet in 3Classrooms: 19 and Install (1) ADA sink cabinet per grade</i>		
	ADA	Renovate (2) classroom bathrooms to be handicap accessible	\$142,000.00	\$167,560.00
In House	ADA	Replace drinking fountains w/ new handicap accessible fountains	\$47,000.00	\$55,460.00
	ADA/HSS	Construct new entry vestibules	\$175,000.00	\$206,500.00
		<i>Install entry vestibule w/2 pair of doors with ADA compliant hardware</i>		
	ADA	Repair existing parking lot and driveways and install new top coat. Install ADA drop curbs where required.	\$365,000.00	\$430,700.00
		<i>Approx. 62,000 s.f. of existing asphalt pavement to be crack-filled and sealed (cracks & pot holes). The parking lot will receive a 1-1/2" asphalt top coat. Damage curbing will be repaired where needed. Parking stalls shall be re-striped to comply with ADA Standards. ADA curb cuts will be installed where required.</i>		
	HSS	VAT Abatement and VCT Installation	\$80,000.00	\$94,400.00
		<i>6 classrooms have VAT floor: Abate VAT and replace with new VCT flooring in classrooms: 40, 36, 10, 18, 22, Art Rm. Approx: 5,220 s.f.</i>		
In House	HSS	New PA System	\$30,000.00	\$35,400.00
		<i>New PA system needed. Replace existing Rauland PA system with new Bogen system.</i>		
	HSS	New Fire & Security System Panel	\$24,000.00	\$28,320.00
		<i>Install new 4100ES Fire and Security System Panel (2)</i>		
	OCM	Gym Partition Replacement	\$30,000.00	\$35,400.00
		<i>Replace existing gym partition with new manually operated walk draw curtain</i>		
In House	OCM	Replace existing stage lighting	\$142,000.00	\$167,560.00
		<i>Replace existing inefficient stage lighting with new LED technology and new rigging meeting current safety standards.</i>		
		Total At Tamarac	\$1,101,000.00	\$1,299,180.00

School Name	Type	Capital Item Description	Construction Cost	Total Cost w/ 18% contingency
Tecumseh Elementary School				
In House	ADA	Convert all locks to BEST master system	\$43,000.00	\$50,740.00
		<i>All doors should be converted to BEST master system.</i>		
In House	ADA	Replace classroom bathroom doors	\$25,000.00	\$29,500.00
		<i>Replace 4 bathroom doors & door frames in Classrooms: 9, 21, 22, and storage and 3 doors only in classrooms 18, 19, and 20.</i>		
In House	ADA	Replace sink cabinets in classrooms	\$48,000.00	\$56,640.00
		<i>Replace old and damaged cabinets and sink cabinet in Classrooms: 15 and 16 (kindergarten) and Install (1) ADA sink cabinet per grade</i>		
	ADA	Renovate (2) classroom bathrooms to be handicap accessible	\$142,000.00	\$167,560.00
	ADA/HSS	Construct new entry vestibules	\$175,000.00	\$206,500.00
		<i>Install entry vestibule w/2 pair of doors with ADA compliant hardware</i>		
	HSS	Upgrade Gym Lavatories	\$10,000.00	\$11,800.00
		<i>Replace Boys Locker room bathroom toilet partitions. Install new solid plastic partitions. Replace ceiling in Boys locker room bathroom</i>		
In House	HSS	New PA System	\$30,000.00	\$35,400.00
		<i>New PA system needed. Replace existing Rauland PA system with new Bogen system.</i>		
	HSS	New Fire & Security System Panel	\$24,000.00	\$28,320.00
		<i>Install new 4100ES Fire and Security System Panel (2)</i>		
	HSS	Gym Floor Replacement	\$89,000.00	\$105,020.00
		<i>Replace existing gym floor. Approx. 3,750 s.f.</i>		
	OCM	Gym Partition Replacement	\$30,000.00	\$35,400.00
		<i>Replace existing gym partition with new manually operated walk draw curtain</i>		
In House	OCM	Acoustical Ceiling Replacement	\$10,000.00	\$11,800.00
		<i>Existing 12x12 concealed spline ceiling in lobby area (350 s.f.) and 1 bathroom (80 s.f.) to be removed and replaced with new 2x2 suspended grid and tiles approx. 430 sqft.</i>		
In House	OCM	Replace existing stage lighting	\$142,000.00	\$167,560.00
		<i>Replace existing inefficient stage lighting with new LED technology and new rigging meeting current safety standards.</i>		
		Total At Tecumseh	\$768,000.00	\$906,240.00

School Name	Type	Capital Item Description	Construction Cost	Total Cost w/ contingency
Waverly Avenue Elementary School				
In House	ADA	Convert all locks to BEST master system	\$40,000.00	\$47,200.00
		<i>All remainin doors should be converted to BEST master system.</i>		
In House	ADA	Replace classroom bathroom doors	\$18,000.00	\$21,240.00
		<i>Replace 3 bathroom doors & door frames in Classrooms: 29, 36, 38.</i>		
In House	ADA	Replace sink cabinets in classrooms	\$48,000.00	\$56,640.00
		<i>Replace old and damaged cabinets and sink cabinet in Classrooms: 27, 28, 29, 30, 36 and Install (1) ADA sink cabinet per grade</i>		
	ADA	Renovate (2) classroom bathrooms to be handicap accessible	\$142,000.00	\$167,560.00
In House	ADA	Replace drinking fountains w/ new handicap accessible fountains	\$47,000.00	\$55,460.00
	ADA/HSS	Construct new entry vestibules	\$175,000.00	\$206,500.00
		<i>Install entry vestibule w/2 pair of doors with ADA compliant hardware</i>		
	ADA	Install new concrete walkways	\$31,000.00	\$36,580.00
		<i>Install 5" thick concrete walks along the locker rooms and between end of the F corridor and end of D corridor. Approx. 300 ft. Install additional ADA curb cuts at Kitchen area walk and at Kindergarten entrance area.</i>		
	HSS	Parking Lot Modifications	\$132,415.25	\$156,250.00
		<i>Construct new parent drop off driveway through existing parking lot.</i>		
	HSS	New Fire & Security System Panel	\$24,000.00	\$28,320.00
		<i>Install new 4100ES Fire and Security System Panel (2)</i>		
	HSS	VAT Abatement and VCT Installation	\$146,000.00	\$172,280.00
		<i>12 classrooms and 1 storage room near the music room has VAT floor: Abate VAT and replace with new VCT flooring in classrooms: 59, 60, 61, 52, 53, 54, 55, 16, 27, 28, 30, and 37. Approx: 9,500 s.f.</i>		
	OCM	Fuel oil tank controls	\$20,000.00	\$23,600.00
		<i>Replace existing fuel oil tank monitoring control PD-4 with new Omntec controller</i>		
In House	OCM	Acoustical Ceiling Replacement	\$675,000.00	\$796,500.00
		<i>Existing 12x12 concealed spline ceiling in lobby area (350 s.f.) and 1 bathroom (80 s.f.) to be removed and replaced with new Replace ceilings in Corridors A, B, D, 1975 wing and Classrooms: 5, 27, 28, 29, 30, 31, 32, 36, 37, 38, 52, 53, 54, 55, 59. 60, 61, 70, 71, 72, 73, 74, 75, 76, 77 and Band Room with new 2x2 suspended grid and tiles approx. 28,600 sqft.</i>		

	OCM	Roof System Replacement <i>Roof is borderline Unsatisfactory. Many broken/missing asphalt shingles. Built up roof has blisters and ponding due to raised roof drains. Several pitch pockets are in poor condition. Some sections of gutters are missing. Repair/replace broken leaders and drain pipes. Replace areaway shed roofs. Re-route existing leaders discharging storm water into window wells so they drain away from building. Roof cover over basement stairway in very poor condition. 1975 wing pitched to flat roofs, appears to be leaking onto structural beam traveling through ceiling in rooms 72 and 73. Skylight leaking on flat portion of roof. Repair roof over Gym. Recommended replacement of flat roofs approx. 70,000 s.f. Install new gutter and leaders.</i>	\$1,900,000.00	\$2,242,000.
In House	OCM	Replace existing stage lighting <i>Replace existing inefficient stage lighting with new LED technology and new rigging meeting current safety standards.</i>	\$142,000.00	\$167,560.00
		Total At Waverly	\$3,540,415.25	\$4,177,690.00

School Name	Type	Capital Item Description	Construction Cost	Total Cost w/ 18% contingency
Wenonah Elementary School				
In House	ADA	Replace classroom bathroom doors	\$14,000.00	\$16,520.00
		<i>Replace 4 bathroom doors & door frames in Classrooms: 10, 13, 18, 22.</i>		
In House	ADA	Replace sink cabinets in classrooms	\$142,000.00	\$167,560.00
		<i>Replace old and damaged cabinets and sink cabinet in 20 Classrooms: 8, 10, 13, 14, 16, 17, 18, 19, 20, 21, 22, 23, 25, 27, 28, 29, 31, 33, 34, and 41.</i>		
	ADA	Renovate (2) classroom bathrooms to be handicap accessible	\$142,000.00	\$167,560.00
In House	ADA	Replace drinking fountains w/ new handicap accessible fountains	\$35,000.00	\$41,300.00
	ADA/HSS	Construct new entry vestibules	\$175,000.00	\$206,500.00
		<i>Install entry vestibule w/2 pair of doors with ADA compliant hardware</i>		
	ADA	Repair existing parking lot and driveways and seal coat. Install ADA drop curbs where required.	\$239,000.00	\$282,020.00
		<i>Approx. 40,500 s.f. of existing asphalt pavement to be crack-filled and sealed (cracks & pot holes). The parking lot will receive asphalt seal coat. Damage curbing will be repaired where needed. Parking stalls shall be re-striped to comply with ADA Standards. ADA curb cuts will be installed where required.</i>		
	HSS	Upgrade Gym Lavatories	\$10,000.00	\$11,800.00
		<i>Replace Boys Locker room bathroom toilet partitions. Install new solid plastic partitions.</i>		
In House	HSS	New PA System	\$30,000.00	\$35,400.00
		<i>New PA system needed. Replace existing Rauland PA system with new Bogen system.</i>		
	HSS	New Fire & Security System Panel	\$24,000.00	\$28,320.00
		<i>Install new 4100ES Fire and Security System Panel (2)</i>		
	HSS	VAT Abatement and VCT Installation	\$322,000.00	\$379,960.00
		<i>21 classrooms and other rooms have VAT floors: Abate VAT and replace with new VCT flooring in classrooms: 5, 8, 9, 13, 14, 16, 17, 18, 19, 20, 21, 23, 24, 25, 26, 28, 29, 30, 31, 32, 33, 34, 38, 41. Approx: 21,000 s.f.</i>		
	HSS	Gymnasium Floor Replacement	\$89,000.00	\$105,020.00
		<i>Replace existing gym floor. Approx. 3,750 s.f.</i>		
In House	OCM	Replace existing stage lighting	\$142,000.00	\$167,560.00
		<i>Replace existing inefficient stage lighting with new LED technology and new rigging meeting current safety standards.</i>		
		Total At Wenonah	\$1,364,000.00	\$1,609,520.00

School Name	Type	Capital Item Description	Construction Cost	Total Cost w/ contingency
Sagamore Middle School				
In House	ADA	Convert all locks to BEST master system	\$24,000.00	\$28,320.00
		<i>All doors should be converted to BEST master system. A few room are still needed</i>		
In House	ADA	Interior Door Replacement	\$7,000.00	\$8,260.00
		<i>Replace 2 doors in the locker room</i>		
In House	ADA	Replace drinking fountains w/ new handicap accessible fountains	\$59,000.00	\$69,620.00
	ADA/HSS	Construct new entry vestibules	\$350,000.00	\$413,000.00
		<i>Install (2) entry vestibule w/2 pair of doors with ADA compliant hardware</i>		
	ADA	Repair existing parking lot and driveways and install top coat. Install ADA drop curbs where required.	\$630,000.00	\$743,400.00
		<i>Approx. 106,700 s.f. of existing asphalt pavement to be crack-filled and sealed (cracks & pot holes). The parking lot will receive a 1-1/2" asphalt top coat. Damage curbing will be repaired where needed. Parking stalls shall be re-striped to comply with ADA Standards. ADA curb cuts will be installed where required. Remove existing broken pieces of asphalt pavement around the C-wing.</i>		
	ADA	Auditorium Upgrades	\$295,000.00	\$348,100.00
In House (part)		<i>Replace existing seats in auditorium. Provide handicap seating and transfer arms to code. Re-finish wood stage floor. (in house)</i>		
In House	OCM	Acoustical Ceiling Replacement	\$71,000.00	\$83,780.00
		<i>Stained or damaged ceiling tiles require replacement, approx. 10% throughout the school. Replace tectum ceiling in small gym approx. 2,000 s.f. and ceiling in Asst. Principals office suite approx. 780 s.f.</i>		
	OCM	Corridor Locker Replacement	\$325,000.00	\$383,500.00
		<i>Replace existing corridor lockers due to high maintenance on locking mechanisms which are damaged. The existing lockers are very narrow and unusable for larger books or bags. Approx. 1000 lockers.</i>		
	OCM	Roof System Replacement	\$396,000.00	\$467,280.00
		<i>Replace existing roll roofing on the H-wing. Approx. 14,600 s.f.</i>		
	OCM	Electric Service Primary Line Replacement	\$125,000.00	\$147,500.00
		Total At Sagamore	\$2,282,000.00	\$2,692,760.00

School Name	Type	Capital Item Description	Construction Cost	Total Cost w/ 18% contingency
Samoset Middle School				
In House	ADA	Convert all locks to BEST master system	\$20,000.00	\$23,600.00
		<i>All doors should be converted to BEST master system. 10% of building still needed</i>		
In House	ADA	Interior Door Replacement	\$50,000.00	\$59,000.00
		<i>Replace existing (6) pair of gym doors with 2 pair of double doors w/sidelites, and 4 pair of gym doors.</i>		
	ADA	ADA Compliant Sinks	\$21,000.00	\$24,780.00
		<i>Install ADA compliant sinks and countertops in 2 Science rooms.</i>		
	ADA	Floor Surface replacement	\$20,000.00	\$23,600.00
		<i>Replace flooring on ramp between gym and office wing with non-slip flooring.</i>		
	ADA	Parking lot Upgrades	\$320,000.00	\$377,600.00
		<i>Replace South Parking lot, including subbase, drainage and pavement, with new full depth asphalt. Create an accessibel route from Parking lot to Administration Building as per Office of Civil Rights.</i>		
	ADA	Bathroom Upgrades	\$189,000.00	\$223,020.00
		<i>Boy's Locker room toilet to be upgraded to meet handicap accessibility- 3 sinks to remain. Boy's bathroom in Library wing to be completely renovated including replacement of 8 floor mounted urinals w/wall mounted urinals. Girl's bathroom in Library wing to be re-tiled. Boy's bathroom in west wing to be completely renovated including replacement of 10 floor mounted urinals w/wall mounted.</i>		
In House	HSS	PA System	\$20,000.00	\$23,600.00
		<i>Modifications and or upgrades are needed to the existing Bogen PA System. BOCES and District Office have been rigged to call for a lockdown but may not work 100% A larger panel may be needed or the two systems will need to be tied together. The administration phones should be tied into this system.</i>		
In House	OCM	Acoustical Ceiling Replacement	\$343,000.00	\$404,740.00
		<i>Existing ceilings in the following areas to be removed and replaced with new 2x2 suspended grid and tiles. Replace ceilings in corridor of BOCES wing 2nd. floor approx. 4,200 s.f., Replace ceilings in corridor of Office wing 2nd floor approx. 5,800 s.f. Replace ceilings in corridor of west wing 1st floor approx. 4,100 s.f. Replace Physical Education Offices + Storage ceilings approx. 450 s.f. Total of 14,550 s.f. of new ceilings.</i>		
		Total At Samoset	\$983,000.00	\$1,159,940.00

School Name	Type	Capital Item Description	Construction Cost	Total Cost w/ contingency
Seneca Middle School				
In House	ADA	Convert all locks to BEST master system	\$80,000.00	\$94,400.00
		<i>All doors should be converted to BEST master system.</i>		
In House	ADA	Replace drinking fountains w/ new handicap accessible fountains	\$59,000.00	\$69,620.00
	ADA/HSS	Construct new entry vestibules	\$350,000.00	\$413,000.00
		<i>Install (2) entry vestibule w/2 pair of doors with ADA compliant hardware</i>		
	ADA	Bathroom Upgrades	\$95,000.00	\$112,100.00
		<i>Renovate Boy's & Girl's Bathroom at Gym to meet handicap accessible standards. Renovate 2 coaches bathrooms</i>		
	ADA	Repair existing parking lot and driveways and install top coat. Install ADA	\$590,000.00	\$696,200.00
		<i>Approx. 100,000 s.f. of existing asphalt pavement to be crack-filled and sealed (cracks & pot holes). The parking lot will receive new seal coat. The front loop drive and part of the parking area will receive a 1-1/2" asphalt top coat. Damage curbing will be repaired where needed. Parking stalls shall be re-striped to comply with ADA Standards. ADA curb cuts will be installed where required. The existing wood edging around the planting island in front of the main entrance will be replaced.</i>		
	ADA	Auditorium Upgrades	\$708,000.00	\$835,440.00
In House (part)		<i>Upgrade existing lighting system with new dimmable light fixtures with control rack comparable to North, upgrade sound system. Install new rigging. Replace existing seats in auditorium. Provide handicap seating and transfer arms to code. Re-finish wood stage floor. (in house)</i>		
	OCM	Fuel oil tank controls	\$20,000.00	\$23,600.00
		<i>Replace existing fuel oil tank monitoring control PD-4 with new Omntec controller</i>		
	OCM	Corridor Locker Replacement	\$325,000.00	\$383,500.00
		<i>Replace existing corridor lockers due to high maintenance on locking mechanisms which are damaged. The existing lockers are very narrow and unusable for larger books or bags. Approx. 1000 lockers.</i>		
	OCM	Electric Service Primary Line Replacement	\$125,000.00	\$147,500.00
		Total At Seneca	\$2,352,000.00	\$2,775,360.00

School Name	Type	Capital Item Description	Construction Cost	Total Cost w/ 18% contingency
Sequoia Middle School				
In House	HSS	New PA System	\$30,000.00	\$35,400.00
		<i>New PA system needed. Replace existing Rauland PA system with new Bogen system.</i>		
		Total At Sequoya	\$30,000.00	\$35,400.00

School Name	Type	Capital Item Description	Construction Cost	Total Cost w/ 18% contingency
Sachem North High School				
In House	ADA	Convert all locks to BEST master system	\$35,000.00	\$41,300.00
		<i>All doors should be converted to BEST master system. Replace remaining locks to BEST</i>		
In House	ADA	Replace drinking fountains w/ new handicap accessible fountains	\$71,000.00	\$83,780.00
	ADA/HSS	Construct new entry vestibules	\$175,000.00	\$206,500.00
		<i>Install entry vestibule w/2 pair of doors with ADA compliant hardware</i>		
	ADA	Bathroom Upgrades	\$378,000.00	\$446,040.00
		<i>1st floor: renovate 2 Boy's bathrooms with new fixtures, wall tile and new solid plastic partitions. 1 bathroom to meet handicap accessibility. Replace ceiling in 1st floor girl's bathroom. 2nd floor: Replace ceiling in girl's bathroom. Locker rooms: renovate 2 bathrooms (1 boy's & (1) girl's with new fixtures, solid plastic partitions. Both to be handicap accessible.</i>		
	ADA	ADA Locker Room Upgrades	\$224,000.00	\$264,320.00
		<i>Renovate/ upgrade existing Boys and Girls locker rooms to provide ada accessible lockers, benches and bathroom facilities. Repair/replace lift from Girls locker room to Pool Deck. Purchase EVAC chair to help disabled people to be evacuated from pool deck area.</i>		
	ADA	Install new concrete walkways	\$40,000.00	\$47,200.00
		<i>Install 5" thick concrete walks and ADA drop curbs</i>		
	ADA	Install new concrete walkways along Smith Road	\$140,000.00	\$165,200.00
		<i>Install approx. 1,000 l.f. of new 5" thick concrete curbs and sidewalk and approx. 350 l.f. of steel guard rails at curves in roadway along Smith Street - East side of the campus</i>		
	ADA	Area of Refuge call boxes with cameras in stair well by pool	\$35,000.00	\$41,300.00
	HSS	Gym Floor Replacement	\$208,000.00	\$245,440.00
		<i>Replace existing gym floor and restripe. Remove and reinstall bleachers and modify all doors as needed. Approx. 8,000 s.f.</i>		
	HSS	Install Security Cameras	\$59,000.00	\$69,620.00
		<i>Install security cameras where needed. Approx. 20 needed</i>		
	HSS	Pool Equipment upgrades	\$590,000.00	\$696,200.00
		<i>Replace filtration system, chlorine system and install new piping and tandem pumps. Replace/repair non- working pool jet drains. TBD</i>		

In Ho	OCM	Acoustical Ceiling Replacement	\$669,000.00	\$789,420.00
		<i>Existing ceilings in the following areas to be removed and replaced with new 2x2 suspended grid and tiles. Replace ceilings in Basement: corridor around Gym approx. 2,400 s.f. , 1st. floor: Auditorium lobby and corridor around Gym approx. 7,200 s.f., corridor ceilings in A & B wings approx. 8,350 s.f., Orchestra room & Band room approx. 2,500 s.f. 2nd floor: corridors in A & B wings approx. 7,900 s.f. Total of 28,350 s.f.</i>		
	OCM	Gym Floor Refinishing	\$50,000.00	\$59,000.00
		<i>Sand and refinish gym floor and restripe and install center school Logo. Install new volleyball sleeves. Approx. 12,000 s.f.</i>		
	OCM	Corridor Locker Refinishing	\$169,680.00	\$200,222.00
		<i>Electrostatically paint the Outside (ONLY) of approximately (1,390) 7" wide 1st floor corridor and (38) 9" wide music wing corridor lockers, and approx. (1,146) 7" wide and (278) 10" 2nd floor corridor lockers</i>		
	OCM		\$118,000.00	\$139,240.00
	OCM	Corridor Locker Replacement	\$568,000.00	\$670,240.00
		<i>Replace existing corridor lockers in A-wing and E-wing both 1st and 2nd floors, due to high maintenance on locking mechanisms which are damaged. The existing lockers are very narrow and unusable for larger books or bags. New lockers to be 12" wide units. Approx. 1750 lockers.</i>		
		Total At Sachem North	\$3,529,680.00	\$4,165,022.00

School Name	Type	Capital Item Description	Construction Cost	Total Cost w/ 18% contingency
Sachem East High School				
	ADA	ADA Locker Room Upgrades	\$80,000.00	\$94,400.00
		<i>Renovate/ upgrade existing Boys and Girls locker rooms to conform to 2010 ADA standards.</i>		
	ADA	Install new concrete walkways	\$70,000.00	\$82,600.00
		<i>Install 5" thick concrete walks and ADA drop curbs</i>		
	ADA	Install New Stairway and fencing to athletic field	\$320,000.00	\$377,600.00
		<i>There is no access from the upper parking lot down to the athletic fields below. Install a new concrete stairway and fencing to permit safe path down to athletic fields. ADA access will be achieved from other side of field. Security fencing will be installed between parking lot and steep slope to direct people to new stair case.</i>		
	ADA	Purchase golf cart for assisting disabled patrons	\$12,000.00	\$14,160.00
	ADA	Construct New ADA parking at lower fields	\$26,000.00	\$30,680.00
		<i>Install new 11 space parking area, both with ADA parking and loading and unloading area.</i>		
	HSS	Erosion Control	\$925,000.00	\$1,091,500.00
		<i>During recent heavy rain storm last year, 3 locations suffered extensive erosion. Areas to be stablized with new concrete retaining walls. Fencing, surrounding pavement lanscaping and grades will be restored back to their original condition. Areas include outfield of varsity baseball field, east side of the stadium field and the south side of the stadium field.</i>		
		Total At Sachem East	\$1,433,000.00	\$1,690,940.00

School Name	Type	Capital Item Description	Construction Cost	Total Cost w/ 18%
Bus Garage				
	OCM	Asphalt Paving Reconstruction	\$566,000.00	\$667,880.00
		<i>Remove and replace asphalt paving around bus garage. Approx. 60,000 s.f.</i>		
	OCM	Underground Fuel Tank Replacement	\$495,000.00	\$584,100.00
		<i>Replace existing 4,000 gal and 3,000 gal diesel tanks and 4,000 gal. gas tank with new 4,000 gal. diesel and 4,000 gal gas tank. Install (2) 1,000 gal. propane tanks.</i>		
		Total At Bus Garage	\$1,061,000.00	\$1,251,980.00

School Name	Type	Capital Item Description	Construction Cost	Total Cost w/ 18%
Administrative Annex/Facilities				
	OCM	New Preengineered building	\$1,430,000.00	\$1,687,400.00
		<i>The existing abandoned portables/facilities storage building is beyond its useful life and doesn't serve the needs of the department. The entire building, including the link corridor to Wenonah ES. Will be demolished and replaced with a similar sized pre-engineered metal building which will be used for maintenance, a welding area and storage. The building will receive a new electric service with a pad mount transformer.</i>		
		Total At Administrative Annex/Facilities	\$1,430,000.00	\$1,687,400.00

School Name	Type	Capital Item Description	Construction Cost	Total Cost w/ 18%
District wide				
	OCM	Skylight Fall Protection	\$60,000.00	\$70,800.00
		<i>Install required skylight fall protection on all non-complying skylights district wide</i>		
	OCM	Technology upgrades	\$250,000.00	\$295,000.00
		<i>eSchoolsPLUS software, hardware, components and implementation</i>		
	OCM	Districtwide Technology upgrades	\$3,000,000.00	\$3,540,000.00
		<i>computer cabling and wiring - (note: source of funds smart Schools bond)</i>		
	HSS	Fire Alarm upgrades	\$100,000.00	\$118,000.00
		<i>Fire Alarm and security system upgrades at Facilities, 1500 Broadway, Transportation, Samoset MS, HS East</i>		
	HSS	Security - lock down Blue lights -	\$180,000.00	\$212,400.00
		<i>Install blue light and panic buttons (approx. 2 per building) to alert building in lock down, with possibe, blue lights will be connected to card swipes to deactivate them</i>		
	HSS	Additional PA and intercom speakers	\$120,000.00	\$141,600.00
		<i>Install additional PA speakers adjacent to multi-stall bathrooms</i>		
		Total At District wide items	\$3,710,000.00	\$4,377,800.00

School Name	Type	Capital Item Description	Construction Cost	Total Cost w/ 18%
Equipment Needs				
	E	Equipment needs	\$6,021,300.00	-
		<i>See supplemental list</i>		
		Total At Equipment Needs	\$6,021,300.00	-

PROPOSITION #2

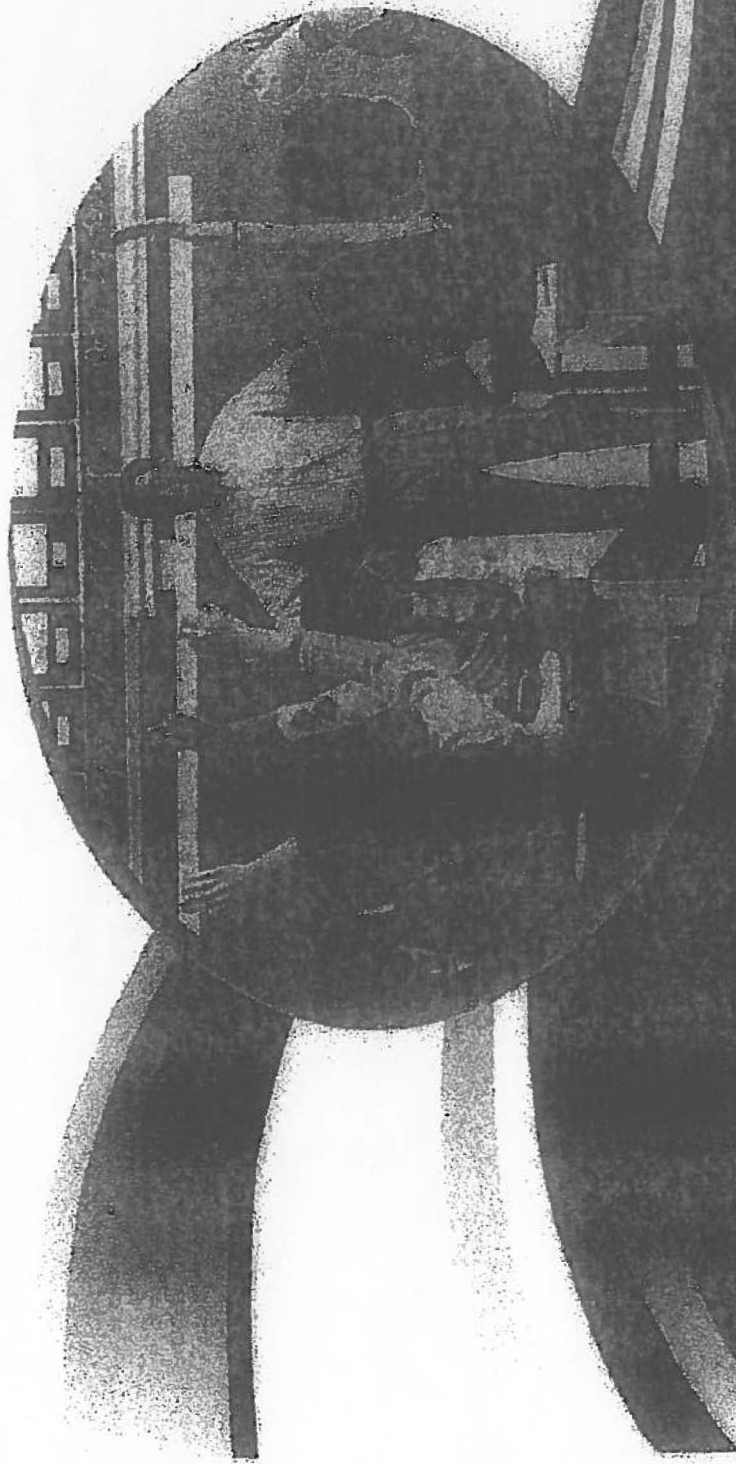
School Name	Type	Capital Item Description	Construction Cost	Total Cost w/ 18%
Sachem North High School				
	OCM	Synthetic Turf and drainage at Varsity Baseball Infield and outfield	\$1,274,576.27	\$1,504,000.00
	OCM	Synthetic Turf and drainage at Softball Infield and outfield	\$633,474.58	\$747,500.00
	OCM	Replace Turf at Stadium	\$579,150.00	\$683,397.00
		<i>Existing Turf carries an 8 year warranty, The field will extend beyond the warranty, however the cost listed herein will cover the cost to replace the carpet and infill in the future. Field was completed in December of 2009.</i>		
	OCM	Install New Energy Efficient Sport field lighting	\$650,000.00	\$767,000.00
		<i>Remove existing sports lighting and replace with energy efficient sports lighting similar to East. An alternate for LED lights will also be requested from the bidder.</i>		
	OCM	Install Multi-use Synthetic Turf Field	\$1,025,423.73	\$1,210,000.00
		<i>Install a new multi-use synthetic turf field including sub base, drainage, concrete curbing, turf and rubber/sand infill and game line for 4 sports</i>		
	OCM	Concession stand with bathrooms	\$400,000.00	\$472,000.00
		Total At Sachem North	\$4,562,624.58	\$5,383,897.00

School Name	Type	Capital Item Description	Construction Cost	Total Cost w/ 18%
Sachem East High School				
	OCM	Synthetic Turf and drainage at Varsity Baseball Infield and outfield	\$1,274,576.27	\$1,504,000.00
	OCM	Synthetic Turf and drainage at Softball Infield and outfield	\$633,474.58	\$747,500.00
	OCM	Replace Turf at Stadium	\$651,750.00	\$769,065.00
		<i>Existing Turf carries an 8 year warranty, The field will extend beyond the warranty, however the cost listed herein will cover the cost to replace the carpet and infill in the future. Field was completed in December of 2009.</i>		
	OCM	Replace Track surfacing at Stadium	\$350,000.00	\$413,000.00
		<i>Existing track surfacing is delaminating from the asphalt below, especially after the heavy rains and flooding in the Spring of 2014. Remove the existing urethane, patch any damaged asphalt and install new all weather urethane track surfacing.</i>		
	OCM	Install Multi-use Synthetic Turf Field	\$1,025,423.73	\$1,210,000.00
		<i>Install a new multi-use synthetic turf field including sub base, drainage, concrete curbing, turf and rubber/sand infill and game line for 4 sports</i>		

	OCIVA	Concession stand with bathrooms		\$400,000.00	\$472,000.00
		Total At Sachem East		\$4,335,224.58	\$5,115,565.00

Sachem Central School District
March 2015

An Energy Conservation Plan



Johnson
Controls

Agenda

- Project Overview
- Energy Conservation Measures
- Cost and Savings Summary
- Johnson Controls Qualifications
- Next Steps
- Questions and Answers

