Completion: Required for Qualification.

Application for Preliminary Qualification of Bonds

School Bond Qualification and Loan Program for

Oxford Community Schools

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For additional information about the School Bond Qualification and Loan Program, visit:

Michigan Department of Treasury
Bureau of State and Authority Finance
School Bond Qualification and Loan Program
430 West Allegan Street
Lansing, Michigan 48922
517-335-0994
517-241-1233 (f)
http://www.michigan.gov/sblf

^{*}Include building floor plans and cost estimates for each project.

Application for Preliminary Qualification of Bonds

Issued under authority of Public Act 92 of 2005, as amended

Election: November 7, 2017

District
Oxford Community Schools
10 N. Washington
Oxford, Michigan 48371

Contact Person: Person to whom questions and correspondence concerning this application should be directed.
Tim Throne
(248) 969-5114
Superintendent
(248) 969-5160
tim.throne@oxfordschools.org

Mailing Instructions

Return TWO originally signed copies to your bond counsel by **OVERNIGHT MAIL**.

Return ONE originally signed copy to your financial consultant.

Return ONE originally signed copy to your architectural firm.

Return ONE originally signed copy to your construction management firm, if applicable.

Retain ONE originally signed copy for your files.

Certificate

I, the undersigned, Secretary of the Board of Education, do certify hereby that the Board of Education of this School District, at a (**regular**/special) meeting of the Board, which was conducted and for which public notice of said meeting was given pursuant to and in full compliance with Act 276 of the Public Acts of 1976 (Open Meetings Act), on this

13 day of June 2017 took the following action:

- (1) Resolved to apply for preliminary qualification of bonds by the State Treasurer for the purpose of financing the school construction description in this application.
- (2) That said application is presented to the State Treasurer for action prior to the official action of the Board of Education calling the election on said bond issue.
- (3) Resolved that this Board of Education will present a final qualification application to the State Treasurer for qualification of their bonds after this bond issue has been approved by the electors of said district.
- (4) Read this application and approved all statements and representations contained herein as true to the best knowledge and belief of the Board.
- (5) Authorized the Secretary of the Board of Education to sign this Preliminary Application and submit same to the State Treasurer for review and approval.

IN WITNESS whereof, I have hereunto set my hand this 13 day of June 2017

Mark Stepek	
Secretary, Board of Education	Signature of Secretary
Mike Schweig	Tim Throne
Treasurer, Board of Education	Superintendent of Schools
Thrun Law Firm, P.C.	P.O. Box 2575 East Lansing, MI 48826
Bond Counsel	Mailing Address
H.J. Umbaugh and Associates	2150 Association Drive, Suite 100, Okemos, MI 48864
Financial Consultant	Mailing Address
Integrated Design Solutions, LLC	1441 W. Long Lake, Suite 200 Troy MI 48098
Architectual Firm	Mailing Address
Clark Construction Company	3535 Moores River Drive, Lansing MI 48911
Construction Management Firm	Mailing Address

OXFORD COMMUNITY SCHOOLS BONDING PROPOSAL

Shall Oxford Community Schools, Oakland and Lapeer Counties, Michigan, borrow the sum of not to exceed Twenty-Eight Million Two Hundred Eighty Thousand Dollars (\$28,280,000) and issue its general obligation unlimited tax bonds therefor, in one or more series, for the purpose of:

remodeling, furnishing and refurnishing and equipping and re-equipping school buildings; purchasing school buses; and developing and improving playgrounds, parking areas and sites?

The following is for informational purposes only:

The estimated millage that will be levied for the proposed bonds in 2018, under current law, is 0.39 mill (\$0.39 on each \$1,000 of taxable valuation) for a 0.00 mill net increase over the prior year's levy. The maximum number of years the bonds of any series may be outstanding, exclusive of any refunding, is thirty (30) years. The estimated simple average annual millage anticipated to be required to retire this bond debt is 1.01 mills (\$1.01 on each \$1,000 of taxable valuation).

The school district expects to borrow from the State School Bond Qualification and Loan Program to pay debt service on these bonds. The estimated total principal amount of that borrowing is \$2,671,534 and the estimated total interest to be paid thereon is \$12,513,139. The estimated duration of the millage levy associated with that borrowing is 18 years and the estimated computed millage rate for such levy is 7.90 mills. The estimated computed millage rate may change based on changes in certain circumstances.

The total amount of qualified bonds currently outstanding is \$112,975,000. The total amount of qualified loans currently outstanding is approximately \$19,813,569.

(Pursuant to State law, expenditure of bond proceeds must be audited, and the proceeds cannot be used for repair or maintenance costs, teacher, administrator or employee salaries, or other operating expenses.)

Financial Summary

Financial information provided as of: 5/26/2017

A. Existing Bond Debt: List each outstanding debt issue separately in chronological order by issue date.

	Original Bond Issue		(Current Outstandi	ng Principal Balan	Outstanding Principal Balance as of Election Date				Mil	lage	
Issue Date	Purpose	Issue Amount	Current Qualified	Current Non-Qualified	Current Non-Voted	Current Total	Qualified	Non-Qualified	Non-Voted	Election Date Total	Levied This Tax Year	Estimate Next Tax Year
4/14/2010	Building and Site	15,000,000	15,000,000			15,000,000	15,000,000			15,000,000	1.05	1.05
8/5/2015	Refunding, Series A	26,580,000	20,050,000			20,050,000	20,050,000			20,050,000	1.40	1.40
8/5/2015	Refunding, Series B	43,850,000	35,850,000			35,850,000	35,850,000			35,850,000	2.50	2.50
8/9/2016	Refunding	42,075,000	42,075,000			42,075,000	42,075,000			42,075,000	2.95	2.95
5/23/2007	Energy Conservation	2,912,000			1,820,000	1,820,000			1,593,000	1,593,000		
						0				0		
Total			112,975,000	0	1,820,000	114,795,000	112,975,000	0	1,593,000	114,568,000	7.90	7.90

Have proceeds of **all** existing bonds been spent? Yes (If No, provide status of unspent/unaudited bonds)

B. Proposed Bond Issue: List each ballot proposal separately.

Proposal	Amount	Bond Term	Avg Int Rate	Bond Interest	SLRF Interest	Total Interest	Avg Millage	Millage Year 1
Proposal 1	28,280,000	30	4.38%	26,376,814	12,513,139	38,889,953	1.01	0.39
Proposal 2						0		
Proposal 3						0		
Proposal 4						0		
Combined Issue	28,280,000			26,376,814	12,513,139	38,889,953		

(Totals may not foot due to differences in the financial structure of individual proposals and a combined bond issue.)

C. School Bond Loan Participation

	School Bond Loan Fund Current									Est Amt to be Borrowed			
Mandatory Final SBLF Loan Repayment Date	Current SBLF Balance	Estimated SBLF Balance as of Election Date	SBLF Beginning Date	Projected SBLF End Date	Estimated SBLF Interest Rate	Maximum SFLF Balance	Maximum SBLF Balance Year	Initial Computed Millage	Estimated Duration of Computed Millage	Existing Bonds Principal	Existing Bonds Interest	Proposed Bonds Principal	Proposed Bonds Interest
5/1/2037	19,537,176	19,813,569	5/1/2017	5/1/2037	5.00%	74,138,548	2027	7.90	18	34,141,689	40,247,974	2,671,534	12,513,139

D. Property Tax Assumptions

	Current		Growt	h Rate		Property Tax	Pending	
Tax Year	Taxable Value	Prior 5 Year Average	Prior 20 Year Average	Projected Rate Years 1 - 5	Projected Rate Years 6+	Winter	Summer	Material Tax Appeals in the District
2017	1,068,711,281	4.05	4.30	3.64%	3.00%	50.00%	50.00%	No

(If district is aware of any event or circumstance that could significantly affect its future, disclosure must be included.)

E. Millage

Total Estimated		Maximum Millage	
Proposed Millage for	Estimated Duration of	without SBLF	1st Year Millage
Next Tax Year	Millage Levy	Participation	Increase
7.90	30	14.12	0.00

F. Key Financial Measures

	Interest to Bond	Bonded Debt to	Total Debt to	Weighted Average		
ı	Ratio	Taxable Value	Taxable Value	Maturity of Bonds	Life of Assets	Bond Loan Debt
	1.38	0.13	0.15	21.52	31.85	134,332,176

G. Bond Issuance

Series/ Proposal	Amount	Dated Date	Construction Fund Beg. Date	Construction Fund End Date
1	9,415,000	5/10/2018	5/10/2018	5/1/2020
2	9,325,000	4/5/2020	4/5/2020	4/1/2022
3	9,540,000	4/5/2022	4/5/2022	4/1/2024
4				
5				

H. Certification

The financial impact presented herin is based on certain assumptions regarding interst rates and taxable value growth rates. Actual millage rates may be subject to adjustment based on differences in these assumptions, actual intersert rates, and future taxable value growth.

Prepared By Jesse R. Nelson, CPA

Firm H.J. Umbaugh & Associates

SCHEDULE OF EXISTING COMBINED DEBT SERVICE

			SCHEDULE OF	EXISTING COMBI	NED DEBT SERVICE	<u>E</u>		
Payment Date	2010B Building and Site Bonds	2015A Refunding Bonds	2015B Refunding Bonds	2016 Refunding Bonds	Total	Fiscal Year Total	Non-Voted 2007 Energy Bonds	Totals
06/23/17	#01 000 00	Ø501 2 50 00	£402 500 25	0054.262.50	#1 050 001 75		\$299,436.00	
11/01/17	\$91,890.00	\$501,250.00	\$403,589.25	\$854,262.50	\$1,850,991.75	£17.965.920.50		
05/01/18 06/23/18	1,245,736.00	5,111,250.00	8,803,589.25	854,262.50	16,014,837.75	\$17,865,829.50	320,401.40	
11/01/18	91,890.00	386,000.00	332,861.25	854,262.50	1,665,013.75		320,401.40	
05/01/19	1,245,736.00	2,636,000.00	9,032,861.25	854,262.50	13,768,859.75	15,433,873.50		
06/23/19	1,2 15,750.00	2,050,000.00	>,002,001.20	00 1,202.00	15,700,053.75	15,155,075.50	342,172.80	
11/01/19	91,890.00	329,750.00	241,815.75	854,262.50	1,517,718.25		,	
05/01/20	1,245,736.00	2,564,750.00	9,391,815.75	854,262.50	14,056,564.25	15,574,282.50		
06/23/20							364,670.60	
11/01/20	91,890.00	273,875.00	132,336.00	854,262.50	1,352,363.50			
05/01/21	1,245,736.00	2,493,875.00	9,732,336.00	854,262.50	14,326,209.50	15,678,573.00	207.045.20	
06/23/21	01 000 00	219 275 00		2.454.262.50	2.764.527.50		387,815.20	
11/01/21 05/01/22	91,890.00 1,245,736.00	218,375.00 2,423,375.00		2,454,262.50 9,204,262.50	2,764,527.50 12,873,373.50	15,637,901.00		
06/23/22	1,243,730.00	2,423,373.00		9,204,202.30	12,673,373.30	13,037,901.00	379,527.00	
11/01/22	91,890.00	163,250.00		1,704,512.50	1,959,652.50		377,327.00	
05/01/23	1,245,736.00	2,353,250.00		1,682,012.50	5,280,998.50	7,240,651.00		
11/01/23	91,890.00	108,500.00		1,879,387.50	2,079,777.50			
05/01/24	1,245,736.00	2,288,500.00		1,621,137.50	5,155,373.50	7,235,151.00		
11/01/24	91,890.00	54,000.00		2,073,512.50	2,219,402.50			
05/01/25	1,245,736.00	2,214,000.00		1,553,887.50	5,013,623.50	7,233,026.00		
11/01/25	91,890.00			2,737,837.50	2,829,727.50			
05/01/26	1,245,736.00			3,224,837.50	4,470,573.50	7,300,301.00		
11/01/26 05/01/27	91,890.00 1,245,738.00			2,672,687.50 3,323,187.50	2,764,577.50 4,568,925.50	7,333,503.00		
11/01/27	1,243,736.00			2,585,950.00	2,585,950.00	7,555,505.00		
05/01/28				4,745,700.00	4,745,700.00	7,331,650.00		
11/01/28				2,455,700.00	2,455,700.00	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
05/01/29				4,369,700.00	4,369,700.00	6,825,400.00		
11/01/29				124,500.00	124,500.00			
05/01/30				22,500.00	22,500.00	147,000.00		
11/01/30				122,500.00	122,500.00			
05/01/31				20,000.00	20,000.00	142,500.00		
11/01/31				120,000.00	120,000.00	127 500 00		
05/01/32 11/01/32				17,500.00 117,500.00	17,500.00 117,500.00	137,500.00		
05/01/33				15,000.00	15,000.00	132,500.00		
11/01/33				115,000.00	115,000.00	152,500.00		
05/01/34				12,500.00	12,500.00	127,500.00		
11/01/34				112,500.00	112,500.00			
05/01/35				10,000.00	10,000.00	122,500.00		
11/01/35				110,000.00	110,000.00			
05/01/36				7,500.00	7,500.00	117,500.00		
11/01/36				107,500.00	107,500.00	112 500 00		
05/01/37 11/01/37				5,000.00 105,000.00	5,000.00 105,000.00	112,500.00		
05/01/38				2,500.00	2,500.00	107,500.00		
11/01/38				2,500.00	2,500.00	107,500.00		
05/01/39				102,500.00	102,500.00	105,000.00		
Totals	\$13,376,262.00	\$24,120,000.00	\$38,071,204.50	\$56,374,675.00	\$131,942,141.50	\$131,942,141.50	\$2,094,023.00	
	\$13,370,202.00	\$24,120,000.00	\$38,071,204.30	\$30,374,073.00	\$131,942,141.30	\$131,942,141.50	\$2,094,023.00	
Present								
Principal	#15 000 000 00	# 20 050 000 00	#25 B50 000 00	¢42.077.000.00	#112.075.000.00		£1 020 000 00	¢114.705.000.00
Balance	\$15,000,000.00	\$20,050,000.00	\$35,850,000.00	\$42,075,000.00	\$112,975,000.00		\$1,820,000.00	\$114,795,000.00
Less 6/23/17				-			\$227,000.00	\$227,000.00
Principal								
Balance as of Election	\$15,000,000,00	\$20,050,000,00	\$25,950,000,00	\$42,075,000,00	\$112.075.000.00		¢1 502 000 00	\$114.569.000.00
Election	\$15,000,000.00	\$20,050,000.00	\$35,850,000.00	\$42,075,000.00	\$112,975,000.00		\$1,593,000.00	\$114,568,000.00

SCHEDULE OF AMORTIZATION OF \$15,000,000 PRINCIPAL AMOUNT OF OUTSTANDING 2010B TAXABLE SCHOOL BUILDING AND SITE BONDS (General Obligation-Unlimited Tax) Principal payable annually on May 1st. Interest payable semi-annually on May 1st and November 1st. Michigan School Bond Qualification and Loan Program Qualified Bonds dated April 14, 2010 Effective

		Sinking			Effective						
Payment	Principal	Fund		Interest	Interest		QSCB Credit	Sequester Cut	Net		Fiscal Year
Date	Balance	Payment	Principal	Rate	Rate	Interest	5.80%	6.90%	Interest	Total	Total
	(In \$1,000's)		(%)	(%)		(In I	Oollars)	
11/01/17	\$15,000.000					\$496,875.00	(\$435,000.00)	\$30,015.00	\$91,890.00	\$91,890.00	
05/01/18	15,000.000	\$1,153.846				496,875.00	(435,000.00)	30,015.00	91,890.00	1,245,736.00	\$1,337,626.00
11/01/18	15,000.000					496,875.00	(435,000.00)	30,015.00	91,890.00	91,890.00	
05/01/19	15,000.000	1,153.846				496,875.00	(435,000.00)	30,015.00	91,890.00	1,245,736.00	1,337,626.00
11/01/19	15,000.000					496,875.00	(435,000.00)	30,015.00	91,890.00	91,890.00	
05/01/20	15,000.000	1,153.846				496,875.00	(435,000.00)	30,015.00	91,890.00	1,245,736.00	1,337,626.00
11/01/20	15,000.000					496,875.00	(435,000.00)	30,015.00	91,890.00	91,890.00	
05/01/21	15,000.000	1,153.846				496,875.00	(435,000.00)	30,015.00	91,890.00	1,245,736.00	1,337,626.00
11/01/21	15,000.000					496,875.00	(435,000.00)	30,015.00	91,890.00	91,890.00	
05/01/22	15,000.000	1,153.846				496,875.00	(435,000.00)	30,015.00	91,890.00	1,245,736.00	1,337,626.00
11/01/22	15,000.000					496,875.00	(435,000.00)	30,015.00	91,890.00	91,890.00	
05/01/23	15,000.000	1,153.846				496,875.00	(435,000.00)	30,015.00	91,890.00	1,245,736.00	1,337,626.00
11/01/23	15,000.000					496,875.00	(435,000.00)	30,015.00	91,890.00	91,890.00	
05/01/24	15,000.000	1,153.846				496,875.00	(435,000.00)	30,015.00	91,890.00	1,245,736.00	1,337,626.00
11/01/24	15,000.000					496,875.00	(435,000.00)	30,015.00	91,890.00	91,890.00	
05/01/25	15,000.000	1,153.846				496,875.00	(435,000.00)	30,015.00	91,890.00	1,245,736.00	1,337,626.00
11/01/25	15,000.000					496,875.00	(435,000.00)	30,015.00	91,890.00	91,890.00	
05/01/26	15,000.000	1,153.846				496,875.00	(435,000.00)	30,015.00	91,890.00	1,245,736.00	1,337,626.00
11/01/26	15,000.000					496,875.00	(435,000.00)	30,015.00	91,890.00	91,890.00	
05/01/27	15,000.000	1,153.848	\$15,000	6.625	1.225	496,875.00	(435,000.00)	30,015.00	91,890.00	1,245,738.00	1,337,628.00
Totals		\$11,538.462	\$15,000			\$9,937,500.00	(\$8,700,000.00)	\$600,300.00	\$1,837,800.00	\$13,376,262.00	\$13,376,262.00

Optional Redemption:

Callable on May 1, 2020.

$\underline{\textbf{SCHEDULE OF AMORTIZATION OF $20,050,000 PRINCIPAL AMOUNT}}$

OF OUTSTANDING 2015 REFUNDING BONDS, SERIES A

(General Obligation-Unlimited Tax)
Principal payable annually on May 1st.

Interest payable semi-annually on May 1st and November 1st.

Michigan School Bond Qualification and Loan Program Qualified

Bonds dated August 5, 2015

Payment	Principal		Interest			Fiscal Year
Date	Balance	Principal	Rate	Interest	Total	Total
	(In \$1	,000's)	(%)	(In Dollars)
11/01/17	\$20,050			\$501,250.00	\$501,250.00	
05/01/18	20,050	\$4,610	5.000	501,250.00	5,111,250.00	\$5,612,500.00
11/01/18	15,440			386,000.00	386,000.00	
05/01/19	15,440	2,250	5.000	386,000.00	2,636,000.00	3,022,000.00
11/01/19	13,190			329,750.00	329,750.00	
05/01/20	13,190	2,235	5.000	329,750.00	2,564,750.00	2,894,500.00
11/01/20	10,955			273,875.00	273,875.00	
05/01/21	10,955	2,220	5.000	273,875.00	2,493,875.00	2,767,750.00
11/01/21	8,735			218,375.00	218,375.00	
05/01/22	8,735	2,205	5.000	218,375.00	2,423,375.00	2,641,750.00
11/01/22	6,530			163,250.00	163,250.00	
05/01/23	6,530	2,190	5.000	163,250.00	2,353,250.00	2,516,500.00
11/01/23	4,340			108,500.00	108,500.00	
05/01/24	4,340	2,180	5.000	108,500.00	2,288,500.00	2,397,000.00
11/01/24	2,160			54,000.00	54,000.00	
05/01/25	2,160	2,160	5.000	54,000.00	2,214,000.00	2,268,000.00
Totals		\$20,050		\$4,070,000.00	\$24,120,000.00	\$24,120,000.00

Optional Redemption:

Non-callable.

Original Par Amount:

\$26,580,000

SCHEDULE OF AMORTIZATION OF \$35,850,000 PRINCIPAL AMOUNT

OF OUTSTANDING 2015 REFUNDING BONDS, SERIES B

(General Obligation-Unlimited Tax) (Federally Taxable)

Principal payable annually on May 1st.

Interest payable semi-annually on May 1st and November 1st. Michigan School Bond Qualification and Loan Program Qualified Bonds dated August 5, 2015

Payment Date	Principal Balance (In \$1	<u>Principal</u> ,000's)	Rate (%)	<u>Interest</u> (Total In Dollars	Fiscal Year Total
11/01/17	\$35,850			\$403,589.25	\$403,589.25	
05/01/18	35,850	\$8,400	1.684	403,589,25	8.803.589.25	\$9,207,178,50
11/01/18	27,450	, , , , ,		332,861.25	332,861.25	,,
05/01/19	27,450	8,700	2.093	332,861.25	9,032,861.25	9,365,722.50
11/01/19	18,750			241,815.75	241,815.75	
05/01/20	18,750	9,150	2.393	241,815.75	9,391,815.75	9,633,631.50
11/01/20	9,600			132,336.00	132,336.00	
05/01/21	9,600	9,600	2.757	132,336.00	9,732,336.00	9,864,672.00
Totals		\$35,850		\$2,221,204.50	\$38,071,204.50	\$38,071,204.50

Optional Redemption:

Non-callable.

Original Par Amount:

\$43,850,000

$\frac{\text{SCHEDULE OF AMORTIZATION OF $42,075,000 PRINCIPAL AMOUNT}}{\text{OF OUTSTANDING 2016 REFUNDING BONDS}}$

(General Obligation-Unlimited Tax)

Principal payable annually on November 1st and May 1st.
Interest payable semi-annually on May 1st and November 1st.
Michigan School Bond Qualification and Loan Program Qualified
Bonds dated August 9, 2016

Payment	Principal		Interest			Fiscal Year
Date	Balance	Principal	Rate	Interest	Total	Total
	(In \$1	,000's)	(%)	(In Dollars)
11/01/17	\$42,075			\$854,262.50	\$854,262.50	
05/01/18	42,075			854,262.50	854,262.50	\$1,708,525.00
11/01/18	42,075			854,262.50	854,262.50	
05/01/19	42,075			854,262.50	854,262.50	1,708,525.00
11/01/19	42,075			854,262.50	854,262.50	
05/01/20	42,075			854,262.50	854,262.50	1,708,525.00
11/01/20	42,075			854,262.50	854,262.50	
05/01/21	42,075			854,262.50	854,262.50	1,708,525.00
11/01/21	42,075	\$1,600	5.000	854,262.50	2,454,262.50	
05/01/22	40,475	8,390	5.000	814,262.50	9,204,262.50	11,658,525.00
11/01/22	32,085	1,100	5.000	604,512.50	1,704,512.50	
05/01/23	30,985	1,105	5.000	577,012.50	1,682,012.50	3,386,525.00
11/01/23	29,880	1,330	5.000	549,387.50	1,879,387.50	
05/01/24	28,550	1,105	5.000	516,137.50	1,621,137.50	3,500,525.00
11/01/24	27,445	1,585	5.000	488,512.50	2,073,512.50	
05/01/25	25,860	1,105	2.000	448,887.50	1,553,887.50	3,627,400.00
11/01/25	24,755	2,300	2.000	437,837.50	2,737,837.50	
05/01/26	22,455	2,810	3.000	414,837.50	3,224,837.50	5,962,675.00
11/01/26	19,645	2,300	3.000	372,687.50	2,672,687.50	
05/01/27	17,345	2,985	3.500	338,187.50	3,323,187.50	5,995,875.00
11/01/27	14,360	2,300	3.500	285,950.00	2,585,950.00	
05/01/28	12,060	4,500	4.000	245,700.00	4,745,700.00	7,331,650.00
11/01/28	7,560	2,300	4.000	155,700.00	2,455,700.00	
05/01/29	5,260	4,260	4.000	109,700.00	4,369,700.00	6,825,400.00
11/01/29	1,000	100	4.000	24,500.00	124,500.00	
05/01/30	900	-		22,500.00	22,500.00	147,000.00
11/01/30	900	100	5.000	22,500.00	122,500.00	
05/01/31	800	-		20,000.00	20,000.00	142,500.00
11/01/31	800	100	5.000	20,000.00	120,000.00	
05/01/32	700	-		17,500.00	17,500.00	137,500.00
11/01/32	700	100	5.000	17,500.00	117,500.00	
05/01/33	600	-		15,000.00	15,000.00	132,500.00
11/01/33	600	100	5.000	15,000.00	115,000.00	
05/01/34	500	-		12,500.00	12,500.00	127,500.00
11/01/34	500	100	5.000	12,500.00	112,500.00	
05/01/35	400	-		10,000.00	10,000.00	122,500.00
11/01/35	400	100	5.000	10,000.00	110,000.00	
05/01/36	300	-		7,500.00	7,500.00	117,500.00
11/01/36	300	100	5.000	7,500.00	107,500.00	
05/01/37	200	-		5,000.00	5,000.00	112,500.00
11/01/37	200	100	5.000	5,000.00	105,000.00	
05/01/38	100	-		2,500.00	2,500.00	107,500.00
11/01/38	100	-		2,500.00	2,500.00	
05/01/39	100	100	5.000	2,500.00	102,500.00	105,000.00
Totals		\$42,075		\$14,299,675.00	\$56,374,675.00	\$56,374,675.00

Optional Redemption:

Callable on November 1, 2025.

Original Par Amount:

\$42,075,000

SCHEDULE OF AMORTIZATION OF \$1,820,000 PRINCIPAL AMOUNT OF OUTSTANDING 2007 ENERGY CONSERVATION BONDS

(General Obligation-Unlimited Tax)
Principal payable annually on June 23rd.
Interest payable annually on June 23rd.
Bonds dated May 23, 2007

Payment Date	Principal Balance	Principal	Interest Rate	Interest	Total
Dute		,000's)	(%)	(In Do	
06/23/17	\$1,820	\$227	3.980	\$72,436.00	\$299,436.00
06/23/18	1,593	257	3.980	63,401.40	320,401.40
06/23/19	1,336	289	3.980	53,172.80	342,172.80
06/23/20	1,047	323	3.980	41,670.60	364,670.60
06/23/21	724	359	3.980	28,815.20	387,815.20
06/23/22	365	365	3.980	14,527.00	379,527.00
Totals		\$1,820		\$274,023.00	\$2,094,023.00

Original Par Amount:

\$2,912,000

TAXABLE VALUE HISTORY AND GROWTH ASSUMPTIONS

Year	Taxable Value	Personal Property Tax Loss	Total Available Value	
2017	1,068,711,281	16,394,285	1,085,105,566	4.05%
2016	1,024,836,034	18,066,305	1,042,902,339	1.93%
2015	1,023,135,286			9.98%
2014	930,261,900			3.23%
2013	901,160,380			1.05%
2012	891,771,036			-2.24%
2011	912,214,180			-3.65%
2010	946,772,690			-11.28%
2009	1,067,172,711			-6.04%
2008	1,135,792,655			-0.54%
2007	1,141,995,106			4.90%
2006	1,088,624,724			7.72%
2005	1,010,562,281			9.15%
2004	925,834,830			7.00%
2003	865,229,255			7.78%
2002	802,759,595			10.80%
2001	724,527,460			11.28%
2000	651,056,613			7.94%
1999	603,178,709			12.06%
1998	538,243,053			10.85%
1997	485,567,771			
5 Year Average				4.05%
20 Year Average				4.30%

ESTIMATED EXISTING MILLAGE STUDY

134.78 \$189,570,701

\$2,209,626 \$191,780,328

\$131,942,143

Final Mandatory Repayment Date 05/01/37 Tax Collection Factor 100%

105.61 134.78

Totals

						Availa	ble Revenu	ies				Bond Issues
	Debt			Personal Property		PPT	Non PPT					
Taxable	Service			Tax ("PPT")	Millage	Bonds	Bonds	Total				Total
Value	Year	Growth	Taxable	Reimbursable	Without	Millage	Millage	Millage	Tax	PPT	Total	Annual
Year	Ending	%	Value	Value	SLRF	Rate	Rate	Rate	Collections	Reimbursements	Revenues	Payments
2017	2018	4.05%	1,068,711,281	16,394,285	16.46	7.90	-	7.90	\$8,442,819	\$129,515	\$8,572,334	\$17,865,83
2018	2019	3.64%	1,107,612,372	16,394,285	13.73	7.90	-	7.90	8,750,138	129,515	8,879,653	15,433,87
2019	2020	3.64%	1,147,929,462	16,394,285	13.38	7.90	-	7.90	9,068,643	129,515	9,198,158	15,574,28
2020	2021	3.64%	1,189,714,094	16,394,285	13.00	7.90	-	7.90	9,398,741	129,515	9,528,256	15,678,57
2021	2022	3.64%	1,233,019,687	16,394,285	12.52	7.90	-	7.90	9,740,856	129,515	9,870,371	15,637,90
2022	2023	3.64%	1,277,901,604	16,394,285	5.59	7.90	-	7.90	10,095,423	129,515	10,224,938	7,240,65
2023	2024	3.00%	1,316,238,652	16,394,285	5.43	7.90	-	7.90	10,398,285	129,515	10,527,800	7,235,13
2024	2025	3.00%	1,355,725,812	16,394,285	5.27	7.90	-	7.90	10,710,234	129,515	10,839,749	7,233,02
2025	2026	3.00%	1,396,397,586	16,394,285	5.17	7.90	-	7.90	11,031,541	129,515	11,161,056	7,300,30
2026	2027	3.00%	1,438,289,514	16,394,285	5.04	7.90	-	7.90	11,362,487	129,515	11,492,002	7,333,50
2027	2028	3.00%	1,481,438,199	16,394,285	4.89	7.90	-	7.90	11,703,362	129,515	11,832,877	7,331,65
2028	2029	3.00%	1,525,881,345	16,394,285	4.43	7.90	-	7.90	12,054,463	129,515	12,183,978	6,825,40
2029	2030	3.00%	1,571,657,785	16,394,285	0.09	7.90	-	7.90	12,416,097	129,515	12,545,612	147,00
2030	2031	3.00%	1,618,807,519	16,394,285	0.09	7.90	-	7.90	12,788,579	129,515	12,918,094	142,50
2031	2032	3.00%	1,667,371,745	16,394,285	0.08	7.90	-	7.90	13,172,237	129,515	13,301,752	137,50
2032	2033	3.00%	1,717,392,897	16,394,285	0.08	7.90	-	7.90	13,567,404	129,515	13,696,919	132,50
2033	2034	3.00%	1,768,914,684	16,394,285	0.07	7.90	-	7.90	13,974,426	129,515	14,103,941	127,50
2034	2035	3.00%	1,821,982,125	16,394,285	0.07	0.26	-	0.26	464,313	4,263	468,576	122,50
2035	2036	3.00%	1,876,641,589	16,394,285	0.06	0.06	-	0.06	112,598	984	113,582	117,50
2036	2037	3.00%	1,932,940,837	16,394,285	0.06	0.06	-	0.06	115,976	984	116,960	112,50
2037	2038	3.00%	1,990,929,062	16,394,285	0.05	0.05	-	0.05	99,546	820	100,366	107,5
2038	2039	3.00%	2,050,656,934	16,394,285	0.05	0.05	_	0.05	102,533	820	103,353	105,00

School Loan Revolving Fund ("SLRF")											
Estimated SLRF borrowing \$34,141,689											
Estimated S	LRF interest exp	ense	\$40,247,974								
Assumed Ending											
Interest	Interest Borrowing Interest										
Rate	(Repayment)	Expense	07/01/17								
1			\$19,598,449								
5.00%	\$9,293,496	\$979.922	29.871.867								
5.00%	6,554,221	1,493,593	37,919,681								
5.00%	6,376,125	1,895,984	46,191,790								
5.00%	6.150.317	2,309,590	54,651,697								
5.00%	5,767,530	2,732,585	63,151,812								
5.00%	(2,984,287)	3,157,591	63,325,116								
5.00%	(3,292,649)	3,166,256	63,198,723								
5.00%	(3,606,723)	3,159,936	62,751,936								
5.00%	(3,860,755)	3,137,597	62,028,778								
5.00%	(4,158,499)	3,101,439	60,971,718								
5.00%	(4,501,227)	3,048,586	59,519,077								
5.00%	(5,358,578)	2,975,954	57,136,453								
5.00%	(12,398,612)	2,856,823	47,594,664								
5.00%	(12,775,594)	2,379,733	37,198,803								
5.00%	(13,164,252)	1,859,940	25,894,491								
5.00%	(13,564,419)	1,294,725	13,624,797								
5.00%	(13,976,441)	681,240	329,596								
5.00%	(346,076)	16,480									

\$40,247,974 \$19,598,449

ESTIMATED PROPOSED MILLAGE STUDY - \$28,280,000

Final Mandatory Repayment Date 05/01/37 Tax Collection Factor 100% School Loan Revolving Fund ("SLRF") Additional estimated SLRF borrowing \$2,671,534 Additional estimated SLRF interest expense Available Revenues Bond Issues \$12,513,139 Debt Personal Property Non PPT Non-PPT Proposed Bonds Taxable Service Tax ("PPT") Millage Bonds Bonds Total Existing Total Ending Value Year Growth Tayable Reimbursable Without Millage Millage Millage Tay PPT Total Annual Millage 2018 Bonds 2020 Ronds 2022 Bonds Annual Interest Borrowing Interest Ralance SLRF Value Collections 07/01/17 Year Ending %* Value Rate Rate Rate Reimbursements Revenues Payments Rate Bonds Millage Rate Bonds Millage Rate Bonds Millage Rate Payments Rate* (Repayment) Expense \$19,598,449 \$9,325,000 \$9,540,000 2017 2018 4.05% 1,068,711,281 16.394.285 16.46 7.90 7 00 \$8,442,819 \$129.515 \$8,572,334 \$17.865.830 16.46 \$17,865,846 5.00% \$9.293.512 \$979.922 29.871.883 0.21 2018 2019 3.64% 1.107.612.372 16.394.285 14.12 7.69 7.90 8,750,138 126,072 8.876.210 15,433,874 13.73 431.038 0.39 15.864.926 5.00% 6.988,716 1.493.594 38,354,194 1,147,929,462 2019 2020 3.64% 16,394,285 7.68 125,908 9.194.551 15,574,283 1.917.710 47.093.739 13.76 0.22 7.90 9.068,643 13.38 442.090 0.38 16.016.387 5.00% 6.821.836 2020 1,189,714,094 16,394,285 13.76 7.47 0.43 9,398,741 122,465 9,521,206 15,678,573 442,090 462,149 16,582,826 2,354,687 56,510,046 2021 3.64% 7.90 13.00 0.37 0.39 7,061,620 5.00% 2021 2022 3.64% 1,233,019,687 16,394,285 13.22 7.48 0.42 7.90 9,740,856 122,629 9,863,485 15,637,901 12.52 442,090 0.35 431,020 0.35 16,511,024 5.00% 6,647,539 2,825,502 65,983,087 2022 2023 3.64% 1,277,901,604 16,394,285 7.11 6.23 1.67 7.90 10.095,423 102,136 10,197,559 7.240.651 5.59 1,042,090 0.81 431,020 0.34 469,089 9,182,857 5.00% (1,014,702) 3,299,154 68,267,539 2023 2024 3.00% 1.316.238.652 16.394.285 6.79 6.33 1.57 7.90 10.398.285 103.776 10.502.061 7.235.151 5.43 421.390 0.32 931.020 0.71 437.493 0.33 9.025.060 5.00% (1.477.001)3.413.377 70.203.915 2025 1.355,725,812 16,394,285 6.58 1.56 7.233.026 5.27 (1.807.990) 2024 3.00% 6.34 7.90 10.710.234 103,940 10.814.174 421.390 0.31 414,270 0.31 937,493 0.69 9.006,184 5.00% 3,510,196 71.906.122 2025 2026 3.00% 1.396.397.586 16,394,285 6.07 6.74 1.16 7.90 11.031.541 110.497 11.142.038 7,300,301 5.17 421.390 0.30 414,270 0.30 421.243 0.30 8,557,209 5.00% (2.584.829) 3,595,306 72.916.599 2026 2027 1,438,289,514 16,394,285 5.92 6.74 7.90 11,362,487 110,497 11,472,984 7,333,503 5.04 421,390 0.30 414,270 0.29 421,243 0.29 8,590,411 (2,882,573) 3,645,830 73,679,856 3.00% 1.16 5.00% 2027 2028 3.00% 1,481,438,199 16.394.285 5.74 6.74 1.16 7.90 11.703.362 110,497 11,813,859 7.331.650 4.89 421,390 0.29 414,270 0.28 421,243 0.28 8,588,558 5.00% (3,225,301) 3.683.993 74.138.548 2028 2029 3.00% 1.525.881.345 16 394 285 5.25 6.67 1.23 7.90 12 054 463 109,350 12.163.813 6 825 400 4 43 421.390 0.27 414 270 0.27 421 243 0.28 8 082 307 5.00% (4.081.506) 3 706 927 73 763 969 2029 2030 3.00% 1.571.657.785 16.394.285 1.44 0.51 7.39 7.90 12.416.097 8.361 12.424.458 147.000 0.09 711.390 0.46 759.270 0.48 651.243 0.41 2.268.904 5.00% (10.155.554) 3.688.198 67.296.613 1.618.807.519 16.394.285 142,500 60.134.784 2030 2031 3.00% 1.40 0.50 7.40 7.90 12.788.579 8.197 12,796,776 0.09 714.355 0.44 750,643 0.46 662,618 0.41 2.270.116 5.00% (10.526,660) 3,364,831 2031 2032 1.667.371.745 16,394,285 1.36 7.42 7.90 13.172.237 13.180.106 137,500 716,393 0.43 746,468 0.45 667,993 2.268.354 (10.911.752) 3.006.739 52,229,772 3.00% 0.48 7.869 0.08 0.40 5.00% 16,394,285 13,574,945 731,528 677,525 43,535,343 2032 2033 3.00% 1,717,392,897 0.46 7.90 13,567,404 7,541 132,500 727,473 0.42 0.43 0.39 2,269,027 (11,305,918) 2,611,489 2033 1,768,914,684 16,394,285 0.44 7.90 13,974,426 7,213 13,981,639 127,500 0.07 732,120 721,228 0.41 2,266,831 (11,714,808) 2,176,767 33,997,302 2034 7.46 0.41 685,983 0.39 5.00% 2034 2035 3.00% 1.821.982.125 16 394 285 1 24 0.43 7 47 7.90 14 393 659 7.050 14 400 709 122 500 0.07 740 513 0.40 710 350 0.39 693 325 0.38 2 266 689 5.00% (12 134 020) 1 699 865 23 563 147 2035 2036 3.00% 1.876.641.589 16.394.285 1.21 0.41 7.49 7.90 14.825.469 6.722 14.832.191 117.500 0.06 737.378 0.40 698.885 0.37 714.513 0.38 2.268.276 5.00% (12.563.915) 1.178.157 12.177.389 2036 2037 3.00% 1.932.940.837 16.394.285 1.17 0.39 7.40 7.79 15.046.181 6.394 15.052.575 112,500 0.06 743.140 0.38 686.823 0.36 723.853 0.37 2.266.316 5.00% (12.786.259) 608 869 2037 2038 3.00% 1,990,929,062 16,394,285 1.14 0.05 1.08 1.13 2,249,750 820 2,250,570 107,500 0.05 692,285 0.36 744,153 0.37 721,720 0.36 2,265,659 2038 2039 2,050,656,934 0.05 1.06 2,276,229 2,277,049 682,685 0.34 757,540 0.37 723,520 0.35 2,268,746 3.00% 16,394,285 1.11 1.11 820 105,000 2039 2040 3.00% 2,112,176,642 1.07 1.07 1.07 2,260,029 2,260,029 792.595 0.37 733,775 0.35 738.990 0.35 2,265,361 2040 2041 3.00% 2 175 541 941 1.04 1.04 1.04 2 262 564 2 262 564 751 135 0.34 729 765 0.34 787 378 0.36 2 268 278 724.775 2042 2.240.808.199 2.263.216 2.263.216 745.410 0.33 2.267.101 2041 3.00% 1.01 1.01 1.01 0.32 796.915 0.36 2042 2043 2,308,032,445 0.98 2,261,872 2,261,872 743,705 0.32 733,805 0.32 789,475 0.34 2,266,986 3.00% 0.98 0.98 3.00% 2,377,273,418 0.95 0.95 0.95 2,258,410 2,258,410 730,775 0.30 716.120 0.30 821,055 0.35 2.267.95 2044 2045 3.00% 2,448,591,621 0.93 0.93 0.93 2,277,190 2,277,190 717,110 0.29 697,945 0.29 854,695 0.35 2,269,751 2045 2046 3.00% 2.522.049.370 0.86 0.86 0.86 2,168,962 2.168.962 702.710 0.27 669.280 0.27 800.150 0.32 2.172.141 2046 2047 3.00% 2,597,710,851 0.83 0.83 0.83 2.156.100 2.156,100 652,575 0.25 620,615 0.24 871.585 0.34 2.144,775 2047 2048 3.00% 2.675.642.177 0.79 0.79 0.79 2.113.757 2.113.757 608,420 0.23 597,930 0.22 917.875 0.34 2.124.225 \$1,438,269 \$258,927,392 9.49 \$186,599,083 Totals 135.91 80.86 168.59 \$257,489,123 \$131,942,143 105.61 \$18,969,905 \$17,857,457 \$17,829,452 \$52,761,113 \$19,598,449 2018 2020 2022 Total Principal: \$9,415,000 \$9,325,000 \$9,540,000 \$28,280,000 Dated date 04/05/20 04/05/22 First interest 11/01/18 11/01/20 11/01/22 \$9,554,905 \$8,532,457 \$8,289,452 \$26,376,814 Taxable value 2017 1,068,711,281 1,068,711,281 .068.711.281 1.068.711.281 Total debt \$122,390,000 \$131,715,000 \$141,255,000 \$141,255,000 Divided by total years 29.98 28.07 26.07 Debt/taxable value 11.45% 12.329 13 22% 13 220 0.36 Bond years 198,974.63 179,608,45 175.083.98 608.643.00 Average millage 0.36 0.36 Total years 29.98 28.07 26.07 29.98 Weighted average maturity 21.13 19.26 18.35 21.52 Requested Calculation - 2022 Bonds Requested Calculation - Total New SLRF interest \$52,761,113 \$8,532,457 \$26,376,814 \$52,761,113 New SLRF interest Interest expense \$9,554,905 \$8,289,452 \$9,649,055 \$8,625,707 \$8,384,852 \$26,659,614 Less old SLRF interest (49,095,782) Less old SLRF interest (40,247,974 Net interest Average rate 4.809 4.759 4.73% 4.33% 8,289,452 Plus bond interest 26,376,814 Plus bond interes Net Interest Cost ("NIC") 4 85% 4 80% 4 79% 4 38% Average millage 0.36 0.36 0.36 1.01 Total 11.954.783 Total 38.889.953 Interest to principal ratio 1.52 1.36 1.38 Divided by bond principal 9,540,000 Divided by bond principal 28,280,000 Interest to principal ratio 1.25 Interest to principal ratio

ESTIMATED PROPOSED 2018 BONDS MILLAGE STUDY - \$9,415,000

\$1,607,789 \$215,475,378

Final Mandatory Repayment Date 05/01/37

													Tax Conce	uon ractor	=	10070		LOT DEL	
																		imated SLRF bor	
						Available Rev							-	Bond Issues			Additional est	imated SLRF int	erest expense
m 11	Debt Service			Personal Property	200	PPT Bonds	Non PPT	m . 1				PPT	ŀ	Non-PPT Pro	posed Bonds	m . 1			
Taxable			m 11	Tax ("PPT")	Millage		Bonds	Total	m.	DDE	m . 1	Existing		2010 1		Total	Assumed	ъ .	*
Value	Year	Growth	Taxable	Reimbursable	Without	Millage	Millage	Millage	Tax	PPT	Total	Annual	Millage	2018 I		Annual	Interest	Borrowing	Interest
Year	Ending	%*	Value	Value	SLRF	Rate	Rate	Rate	Collections	Reimbursements	Revenues	Payments	Rate	Bonds	Millage Rate	Payments	Rate*	(Repayment)	Expense
														\$9,415,000					
2017	2018	4.05%	1,068,711,281	16,394,285	16.46	7.90	-	7.90	\$8,442,819	\$129,515	\$8,572,334	\$17,865,830	16.46			\$17,865,846	5.00%	\$9,293,512	\$979,922
2018	2019	3.64%	1,107,612,372	16,394,285	14.12	7.69	0.21	7.90	8,750,138	125,996	8,876,134	15,433,874	13.73	431,038	0.39	15,864,926	5.00%	6,988,792	1,493,594
2019	2020	3.64%	1,147,929,462	16,394,285	13.76	7.68	0.22	7.90	9,068,643	125,940	9,194,583	15,574,283	13.38	442,090	0.38	16,016,387	5.00%	6,821,804	1,917,713
2020	2021	3.64%	1,189,714,094	16,394,285	13.37	7.68	0.22	7.90	9,398,741	125,963	9,524,704	15,678,573	13.00	442,090	0.37	16,120,676	5.00%	6,595,972	2,354,689
2021	2022	3.64%	1,233,019,687	16,394,285	12.87	7.68	0.22	7.90	9,740,856	125,954	9,866,810	15,637,901	12.52	442,090	0.35	16,080,004	5.00%	6,213,194	2,802,222
2022	2023	3.64%	1,277,901,604	16,394,285	6.41	6.91	0.99	7.90	10,095,423	113,220	10,208,643	7,240,651	5.59	1,042,090	0.82	8,282,747	5.00%	(1,925,896)	3,252,993
2023	2024	3.00%	1,316,238,652	16,394,285	5.75	7.47	0.43	7.90	10,398,285	122,387	10,520,672	7,235,151	5.43	421,390	0.32	7,656,547	5.00%	(2,864,125)	3,319,348
2024	2025	3.00%	1,355,725,812	16,394,285	5.58	7.47	0.43	7.90	10,710,234	122,385	10,832,619	7,233,026	5.27	421,390	0.31	7,654,422	5.00%	(3,178,197)	3,342,109
2025	2026	3.00%	1,396,397,586	16,394,285	5.47	7.47	0.43	7.90	11,031,541	122,447	11,153,988	7,300,301	5.17	421,390	0.30	7,721,696	5.00%	(3,432,292)	3,350,305
2026	2027	3.00%	1,438,289,514	16,394,285	5.33	7.47	0.43	7.90	11,362,487	122,477	11,484,964	7,333,503	5.04	421,390	0.29	7,754,898	5.00%	(3,730,066)	3,346,205
2027	2028	3.00%	1,481,438,199	16,394,285	5.18	7.47	0.43	7.90	11,703,362	122,476	11,825,838	7,331,650	4.89	421,390	0.29	7,753,045	5.00%	(4,072,793)	3,327,012
2028	2029	3.00%	1,525,881,345	16,394,285	4.70	7.44	0.46	7.90	12,054,463	121,984	12,176,447	6,825,400	4.43	421,390	0.27	7,246,795	5.00%	(4,929,652)	3,289,723
2029	2030	3.00%	1,571,657,785	16,394,285	0.55	1.35	6.55	7.90	12,416,097	22,180	12,438,277	147,000	0.09	711,390	0.46	858,391	5.00%	(11,579,886)	3,207,727
2030	2031	3.00%	1,618,807,519	16,394,285	0.53	1.31	6.59	7.90	12,788,579	21,539	12,810,118	142,500	0.09	714,355	0.44	856,856	5.00%	(11,953,262)	2,789,119
2031	2032	3.00%	1,667,371,745	16,394,285	0.51	1.27	6.63	7.90	13,172,237	20,855	13,193,092	137,500	0.08	716,393	0.43	853,894	5.00%	(12,339,198)	2,330,912
2032	2033	3.00%	1,717,392,897	16,394,285	0.50	1.22	6.68	7.90	13,567,404	19,955	13,587,359	132,500	0.08	727,473	0.42	859,974	5.00%	(12,727,386)	1,830,497
2033	2034	3.00%	1,768,914,684	16,394,285	0.49	1.17	6.73	7.90	13,974,426	19,210	13,993,636	127,500	0.07	732,120	0.42	859,620	5.00%	(13,134,016)	1,285,653
2034	2035	3.00%	1,821,982,125	16,394,285	0.47	1.12	6.78	7.90	14,393,659	18,384	14,412,043	122,500	0.07	740,513	0.40	863,013	5.00%	(13,549,030)	693,235
2035	2036	3.00%	1,876,641,589	16,394,285	0.45	0.14	0.88	1.02	1,911,928	2,298	1,914,226	117,500	0.06	737,378	0.39	854,878	5.00%	(1,059,348)	50,445
2036	2037	3.00%	1,932,940,837	16,394,285	0.44	0.06	0.38	0.44	850,494	984	851,478	112,500	0.06	743,140	0.38	855,640			
2037	2038	3.00%	1,990,929,062	16,394,285	0.40	0.05	0.35	0.40	796,372	820	797,192	107,500	0.05	692,285	0.35	799,785			
2038	2039	3.00%	2,050,656,934	16,394,285	0.38	0.05	0.33	0.38	779,250	820	780,070	105,000	0.05	682,685	0.33	787,685			
2039	2040	3,00%	2,112,176,642		0.38	_	0.38	0.38	802,627	-	802,627			792,595	0.38	792,595			
2040	2041	3.00%	2,175,541,941		0.35	-	0.35	0.35	761,440	-	761,440			751,135	0.35	751,135			
2041	2042	3.00%	2,240,808,199		0.33	_	0.33	0.33	739,467	-	739,467			745,410	0.33	745,410			
2042	2043	3,00%	2,308,032,445		0.32	_	0.32	0.32	738,570	-	738,570			743,705	0.32	743,705			
2043	2044	3,00%	2,377,273,418		0.31	_	0.31	0.31	736,955	-	736,955			730,775	0.31	730,775			
2044	2045	3,00%	2,448,591,621		0.29	_	0.29	0.29	710,092	-	710,092			717,110	0.29	717,110			
2045	2046	3,00%	2,522,049,370		0.28	_	0.28	0.28	706,174	-	706,174			702,710	0.28	702,710			
2046	2047	3.00%	2,597,710,851		0.25	_	0.25	0.25	649,428	-	649,428			652,575	0.25	652,575			
2047	2048	3.00%	2,675,642,177		0.23	-	0.23	0.23	615,398	-	615,398			608,420	0.23	608,420			

98.07 49.11 147.18 \$213,867,589

116.46

92,595
51,135
45,410
43,705
30,775
17,110
02,710
52 575

School Loan Revolving Fund ("SLRF")

\$1,771,586

\$4,715,449

Ending

Balance

07/01/17

\$19,598,449

29,871,883

38,354,270 47,093,786

56,044,448 65,059,864

66,386,961

66,842,184

67,006,095

66,924,109

66,540,248

65,794,467

64,154,538

55,782,379

46,618,235

36,609,949 25,713,060

13,864,698

1,008,903

2018 Dated date 05/10/18 First interest payment 11/01/18 Taxable value 2017 1,068,711,281 \$122,390,000 Total debt Debt/taxable value 11.45% Bond years 198,974.63 Total years 29.98 Weighted average maturity 21.13 \$9,554,905 Interest expense Net interest \$9,649,055 Average rate 4.80% Net Interest Cost ("NIC") 4.85% Average millage 0.36

Interest to principal ratio

1.52

Totals

Principal:	\$9,415,000	=	\$9,415,000
Interest:	\$9,554,905	_	\$9,554,90
Divided by total years	-	29.98	
Average millage	=	0.36	
Requested Ca	lculation - 2018 Bon	ıds	
New SLRF interest		\$44,963,423	
Less old SLRF interest		(40,247,974)	
Plus bond interest	_	9,554,905	
Total		14,270,354	
Divided by bond principal	=	9,415,000	

\$18,969,905

10.85 \$150,912,164

\$131,942,143 105.61

Tax Collection Factor

\$44,963,423 \$19,598,449

ESTIMATED PROPOSED 2020 BONDS MILLAGE STUDY - \$18,740,000

Final Mandatory Repayment Date 05/01/37 Tax Collection Factor 100%

																			Additional est	imated SLRF borro	wing	\$2,671,534
						Available Rev	enues								Bond Issues				Additional est	imated SLRF intere	est expense	\$8,847,808
	Debt			Personal Property		PPT	Non PPT					PPT			Non-PPT Pro	posed Bonds						
Taxable	Service			Tax ("PPT")	Millage	Bonds	Bonds	Total				Existing						Total	Assumed			Ending
Value	Year	Growth	Taxable	Reimbursable	Without	Millage	Millage	Millage	Tax	PPT	Total	Annual	Millage	2018	Bonds	2020	Bonds	Annual	Interest	Borrowing	Interest	Balance
Year	Ending	%*	Value	Value	SLRF	Rate	Rate	Rate	Collections	Reimbursements	Revenues	Payments	Rate	Bonds	Millage Rate	Bonds	Millage Rate	Payments	Rate*	(Repayment)	Expense	07/01/17
														\$9,415,000		\$9,325,000						\$19,598,449
2017	2018	4.05%	1.040.711.201	16.394.285	16.16	7.90		7.00	\$8.442.819	\$129.515	\$8,572,334	\$17.865.830	16.46					\$17.865.846	5.00%	60 202 512	\$979,922	29,871,883
2017	2018	4.05%	1,068,711,281 1,107,612,372	.,,	16.46 14.12		- 0.21	7.90 7.90	, ,			, ,	16.46 13.73	421 020	0.20				5.00%	\$9,293,512	,	
2018		3.64%		16,394,285		7.69	0.21		8,750,138	126,072	8,876,210	15,433,874		431,038	0.39			15,864,926		6,988,716	1,493,594	38,354,194
2019	2020	3.64%	1,147,929,462	16,394,285	13.76	7.68	0.22	7.90	9,068,643	125,908	9,194,551	15,574,283	13.38	442,090	0.38	462.140	0.20	16,016,387	5.00%	6,821,836	1,917,710	47,093,739
2020	2021	3.64%	1,189,714,094	16,394,285	13.76	7.47	0.43	7.90	9,398,741	122,465	9,521,206	15,678,573	13.00	442,090	0.37	462,149	0.39	16,582,826	5.00%	7,061,620	2,354,687	56,510,046
2021	2022	3.64%	1,233,019,687	16,394,285	13.22	7.48	0.42	7.90	9,740,856	122,629	9,863,485	15,637,901	12.52	442,090	0.35	431,020	0.35	16,511,024	5.00%	6,647,539	2,825,502	65,983,087
2022	2023	3.64%	1,277,901,604	16,394,285	6.75	6.56	1.34	7.90	10,095,423	107,547	10,202,970	7,240,651	5.59	1,042,090	0.82	431,020	0.34	8,713,768	5.00%	(1,489,202)	3,299,154	67,793,039
2023	2024	3.00%	1,316,238,652	16,394,285	6.46	6.66	1.24	7.90	10,398,285	109,186	10,507,471	7,235,151	5.43	421,390	0.32	931,020	0.71	8,587,567	5.00%	(1,919,904)	3,389,652	69,262,788
2024	2025	3.00%	1,355,725,812	16,394,285	5.89	7.08	0.82	7.90	10,710,234	116,072	10,826,306	7,233,026	5.27	421,390	0.31	414,270	0.31	8,068,692	5.00%	(2,757,614)	3,463,139	69,968,312
2025	2026	3.00%	1,396,397,586	16,394,285	5.77	7.09	0.81	7.90	11,031,541	116,235	11,147,776	7,300,301	5.17	421,390	0.30	414,270	0.30	8,135,967	5.00%	(3,011,809)	3,498,416	70,454,919
2026	2027	3.00%	1,438,289,514	16,394,285	5.62	7.09	0.81	7.90	11,362,487	116,235	11,478,722	7,333,503	5.04	421,390	0.29	414,270	0.29	8,169,169	5.00%	(3,309,553)	3,522,746	70,668,112
2027	2028	3.00%	1,481,438,199	16,394,285	5.46	7.09	0.81	7.90	11,703,362	116,235	11,819,597	7,331,650	4.89	421,390	0.29	414,270	0.28	8,167,315	5.00%	(3,652,282)	3,533,406	70,549,236
2028	2029	3.00%	1,525,881,345	16,394,285	4.97	7.04	0.86	7.90	12,054,463	115,416	12,169,879	6,825,400	4.43	421,390	0.27	414,270	0.27	7,661,065	5.00%	(4,508,814)	3,527,462	69,567,884
2029	2030	3.00%	1,571,657,785	16,394,285	1.03	0.72	7.18	7.90	12,416,097	11,804	12,427,901	147,000	0.09	711,390	0.46	759,270	0.48	1,617,661	5.00%	(10,810,240)	3,478,394	62,236,038
2030	2031	3.00%	1,618,807,519	16,394,285	0.99	0.70	7.20	7.90	12,788,579	11,476	12,800,055	142,500	0.09	714,355	0.44	750,643	0.46	1,607,499	5.00%	(11,192,556)	3,111,802	54,155,284
2031	2032	3.00%	1,667,371,745	16,394,285	0.96	0.68	7.22	7.90	13,172,237	11,148	13,183,385	137,500	0.08	716,393	0.43	746,468	0.45	1,600,362	5.00%	(11,583,023)	2,707,764	45,280,025
2032 2033	2033 2034	3.00%	1,717,392,897	16,394,285	0.93 0.89	0.66 0.64	7.24	7.90 7.90	13,567,404	10,820	13,578,224	132,500	0.08	727,473	0.42	731,528	0.43	1,591,502	5.00%	(11,986,722)	2,264,001 1,777,865	35,557,304
		3.00%	1,768,914,684	16,394,285			7.26		13,974,426	10,492	13,984,918	127,500		732,120	0.41	721,228	0.41	1,580,849	5.00%	(12,404,069)		24,931,100
2034	2035	3.00%	1,821,982,125	16,394,285	0.86	0.62	7.28	7.90	14,393,659	10,164	14,403,823	122,500	0.07	740,513	0.40	710,350	0.39	1,573,364	5.00%	(12,830,459)	1,246,555	13,347,196
2035	2036	3.00%	1,876,641,589	16,394,285	0.83	0.60	7.30	7.90	14,825,469	9,837	14,835,306	117,500	0.06	737,378	0.40	698,885	0.37	1,553,764	5.00%	(13,281,542)	667,360	733,014
2036	2037	3.00%	1,932,940,837	16,394,285	0.80	0.09	1.11	1.20	2,310,654	1,475	2,312,129	112,500	0.06	743,140	0.38	686,823	0.36	1,542,464	5.00%	(769,665)	36,651	(0)
2037	2038	3.00%	1,990,929,062	16,394,285	0.78	0.05	0.72	0.77	1,533,015	820	1,533,835	107,500	0.05	692,285	0.36	744,153	0.37	1,543,939				
2038	2039	3.00%	2,050,656,934	16,394,285	0.75	0.05	0.70	0.75	1,537,993	820	1,538,813	105,000	0.05	682,685	0.33	757,540	0.37	1,545,226				
2039	2040	3.00%	2,112,176,642		0.72	-	0.72	0.72	1,520,767	-	1,520,767			792,595	0.37	733,775	0.35	1,526,371				
2040	2041	3.00%	2,175,541,941		0.68	-	0.68	0.68	1,479,369	-	1,479,369			751,135	0.34	729,765	0.34	1,480,901				
2041	2042	3.00%	2,240,808,199		0.66	-	0.66	0.66	1,478,933	-	1,478,933			745,410	0.34	724,775	0.32	1,470,186				
2042	2043	3.00%	2,308,032,445		0.64	-	0.64	0.64	1,477,141	-	1,477,141			743,705	0.32	733,805	0.32	1,477,511				
2043	2044	3.00%	2,377,273,418		0.61	-	0.61	0.61	1,450,137	-	1,450,137			730,775	0.31	716,120	0.30	1,446,896				
2044	2045	3.00%	2,448,591,621		0.58	-	0.58	0.58	1,420,183	-	1,420,183			717,110	0.29	697,945	0.29	1,415,056				
2045	2046	3.00%	2,522,049,370		0.54	-	0.54	0.54	1,361,907	-	1,361,907			702,710	0.27	669,280	0.27	1,371,991				
2046	2047 2048	3.00%	2,597,710,851		0.49 0.45	-	0.49	0.49	1,272,878	-	1,272,878			652,575 608,420	0.25 0.23	620,615 597,930	0.24 0.22	1,273,190				
2047	2048	3.00%	2,675,642,177		0.45	-	0.45	0.45	1,204,039	•	1,204,039			608,420	0.23	597,930	0.22	1,206,350				
Totals				=	126.43	91.64	66.55	158.19	\$235,941,879	\$1,502,371	\$237,444,250	\$131,942,143	105.61	\$18,969,905	10.84	\$17,857,457	9.98	\$168,769,631		=	\$49,095,782	\$19,598,449
			2018	2020								Dain ain al.		£0.41£.000		en 225 000		619.740.000				
Dated date			05/10/18	04/05/20								Principal:	=	\$9,415,000	:	\$9,325,000	:	\$18,740,000				
Daivu dali	-		33/10/10	UT/ UJ/ 2U																		

	2018	2020
Dated date	05/10/18	04/05/20
First interest payment	11/01/18	11/01/20
Taxable value 2017	1,068,711,281	1,068,711,281
Total debt	\$122,390,000	\$131,715,000
Debt/taxable value	11.45%	12.32%
Bond years	198,974.63	179,608.45
Total years	29.98	28.07
Weighted average maturity	21.13	19.26
Interest expense	\$9,554,905	\$8,532,457
Net interest	\$9,649,055	\$8,625,707
Average rate	4.80%	4.75%
Net Interest Cost ("NIC")	4.85%	4.80%
Average millage	0.36	0.36
Interest to principal ratio	1.52	1.36

Principal:	\$9,415,000		\$9,325,000	: :	\$18,740,000
Interest:	\$9,554,905		\$8,532,457	:	\$18,087,362
Divided by total years	_	29.98		28.07	
Average millage	_	0.36		0.36	
Requested Ca	lculation - 2020 Bond				

School Loan Revolving Fund ("SLRF")

Requested Calculation - 2020 Bonds						
New SLRF interest	\$49,095,782					
Less old SLRF interest	(44,963,423)					
Plus bond interest	8,532,457					
Total	12,664,816					
Divided by bond principal	9,325,000					
Interest to principal ratio	1.36					

SCHEDULE OF PROPOSED COMBINED DEBT SERVICE

						D				Non-Voted	
	2010B	2015A	2015B	2016	2018	Proposed Bond Issues 2020	2022		Fiscal	2007	
Payment	Building and Site	Refunding	Refunding	Refunding	Building and Site	Building and Site	Building and Site		Year	Energy	
Date	Bonds	Bonds	Bonds	Bonds	Bonds	Bonds	Bonds	Total	Total	Bonds	Totals
11/01/17	\$91,890.00	\$501,250.00	\$403,589.25	\$854,262.50				\$1,850,991.75			
05/01/18	1,245,736.00	5,111,250.00	8,803,589.25	854,262.50				16,014,837.75	\$17,865,829.50		
11/01/18	91,890.00	386,000.00	332,861.25	854,262.50	\$209,992.75			1,875,006.50			
05/01/19	1,245,736.00	2,636,000.00	9,032,861.25	854,262.50	221,045.00			13,989,904.75	15,864,911.25		
11/01/19	91,890.00	329,750.00	241,815.75	854,262.50	221,045.00			1,738,763.25			
05/01/20	1,245,736.00	2,564,750.00	9,391,815.75	854,262.50	221,045.00			14,277,609.25	16,016,372.50		
11/01/20	91,890.00	273,875.00	132,336.00	854,262.50	221,045.00	\$246,639.22		1,820,047.72	4 4 400 040 00		
05/01/21 11/01/21	1,245,736.00 91,890.00	2,493,875.00 218,375.00	9,732,336.00	854,262.50 2,454,262.50	221,045.00 221,045.00	215,510.00 215,510.00		14,762,764.50 3,201,082.50	16,582,812.22		
05/01/22	1,245,736.00	2,423,375.00		9,204,262.50	221,045.00	215,510.00		13,309,928.50	16,511,011.00		
11/01/22	91,890.00	163,250.00		1,704,512.50	221,045.00	215,510.00	\$250,342.93	2,646,550.43	10,311,011.00		
05/01/23	1,245,736.00	2,353,250.00		1,682,012.50	821,045.00 821,045.00	215,510.00	218,746.25	6,536,299.75	9,182,850.18		
11/01/23	91,890.00	108,500.00		1,879,387.50	210,695.00	215,510.00	218,746.25	2,724,728.75	7,102,050.10		
05/01/24	1,245,736.00	2,288,500.00		1,621,137.50	210,695.00	715,510.00	218,746.25	6,300,324.75	9,025,053.50		
11/01/24	91,890.00	54,000.00		2,073,512.50	210,695.00	207,135.00	218,746.25	2,855,978.75	7,023,033.30		
05/01/25	1,245,736.00	2,214,000.00		1,553,887.50	210,695.00	207,135.00	718,746.25	6,150,199.75	9.006.178.50		
11/01/25	91,890.00	_,,		2,737,837.50	210,695.00	207,135.00	210,621.25	3,458,178.75	.,,		
05/01/26	1,245,736.00			3,224,837.50	210,695.00	207,135.00	210,621.25	5,099,024.75	8,557,203.50		
11/01/26	91,890.00			2,672,687.50	210,695.00	207,135.00	210,621.25	3,393,028.75	.,,		
05/01/27	1,245,738.00			3,323,187.50	210,695.00	207,135.00	210,621.25	5,197,376.75	8,590,405.50		
11/01/27				2,585,950.00	210,695.00	207,135.00	210,621.25	3,214,401.25			
05/01/28				4,745,700.00	210,695.00	207,135.00	210,621.25	5,374,151.25	8,588,552.50		
11/01/28				2,455,700.00	210,695.00	207,135.00	210,621.25	3,084,151.25			
05/01/29				4,369,700.00	210,695.00	207,135.00	210,621.25	4,998,151.25	8,082,302.50		
11/01/29				124,500.00	210,695.00	207,135.00	210,621.25	752,951.25			
05/01/30				22,500.00	500,695.00	552,135.00	440,621.25	1,515,951.25	2,268,902.50		
11/01/30				122,500.00	204,677.50	200,321.25	206,308.75	733,807.50			
05/01/31				20,000.00	509,677.50	550,321.25	456,308.75	1,536,307.50	2,270,115.00		
11/01/31				120,000.00	198,196.25	193,233.75	201,496.25	712,926.25			
05/01/32				17,500.00	518,196.25	553,233.75	466,496.25	1,555,426.25	2,268,352.50		
11/01/32				117,500.00	191,236.25	185,763.75	196,262.50	690,762.50			
05/01/33				15,000.00	536,236.25	545,763.75	481,262.50	1,578,262.50	2,269,025.00		
11/01/33				115,000.00	183,560.00	178,113.75	190,491.25	667,165.00			
05/01/34				12,500.00	548,560.00	543,113.75	495,491.25	1,599,665.00	2,266,830.00		
11/01/34				112,500.00	175,256.25	170,175.00	184,162.50	642,093.75			
05/01/35				10,000.00	565,256.25	540,175.00	509,162.50	1,624,593.75	2,266,687.50		
11/01/35				110,000.00	166,188.75	161,942.50	177,256.25	615,387.50			
05/01/36				7,500.00	571,188.75	536,942.50	537,256.25	1,652,887.50	2,268,275.00		
11/01/36				107,500.00	156,570.00	153,411.25	169,426.25	586,907.50			
05/01/37				5,000.00	586,570.00	533,411.25	554,426.25	1,679,407.50	2,266,315.00		
11/01/37				105,000.00	146,142.50	144,576.25	160,860.00	556,578.75			
05/01/38				2,500.00 2,500.00	546,142.50	599,576.25	560,860.00	1,709,078.75	2,265,657.50		
11/01/38 05/01/39				102,500.00	136,342.50 546,342.50	133,770.00 623,770.00	151,760.00 571,760.00	424,372.50 1,844,372.50	2,268,745.00		
11/01/39				102,500.00	126,297.50	121,887.50	141,995.00	390,180.00	2,268,745.00		
05/01/40					666,297.50	611,887.50	596,995.00	1,875,180.00	2,265,360.00		
11/01/40					113,067,50	109.882.50	131,188.75	354,138.75	2,203,300.00		
05/01/41					638,067.50	619,882.50	656,188.75	1,914,138.75	2,268,277.50		
11/01/41					100,205.00	97,387.50	118,457.50	316,050.00	2,200,217.30		
05/01/42					645,205.00	627,387.50	678,457.50	1,951,050.00	2,267,100.00		
11/01/42					86,852.50	84,402.50	104,737.50	275,992.50	2,207,100.00		
05/01/43					656,852.50	649,402.50	684,737.50	1,990,992.50	2,266,985.00		
11/01/43					72,887.50	70,560.00	90,527.50	233,975.00	_,_30,703.00		
05/01/44					657,887.50	645,560.00	730,527.50	2,033,975.00	2,267,950,00		
11/01/44					58,555.00	56,472.50	74,847.50	189,875.00	,,		
05/01/45					658,555.00	641,472.50	779,847.50	2,079,875.00	2,269,750.00		
11/01/45					43,855.00	42,140.00	57,575.00	143,570.00			
05/01/46					658,855.00	627,140.00	742,575.00	2,028,570.00	2,172,140.00		
11/01/46					28,787.50	27,807.50	40,792.50	97,387.50			
05/01/47					623,787.50	592,807.50	830,792.50	2,047,387.50	2,144,775.00		
11/01/47					14,210.00	13,965.00	21,437.50	49,612.50			
05/01/48					594,210.00	583,965.00	896,437.50	2,074,612.50	2,124,225.00		
Totals	\$13,376,262.00	\$24,120,000.00	\$38,071,204.50	\$56,374,675.00	\$18,969,902.75	17,857,454.22	17,829,451.68	\$186,598,950.15	\$186,598,950.15		
Present Principal											
Balance	\$15,000,000.00	\$20,050,000.00	\$35,850,000.00	\$42,075,000.00	\$9,415,000.00	\$9,325,000.00	\$9,540,000.00	\$141,255,000.00			\$114,795,000.00
Less 11/1/17											227,000.00
Principal Balance											
as of Election	\$15,000,000.00	\$20,050,000.00	\$35,850,000.00	\$42,075,000.00	\$9,415,000.00	\$9,325,000.00	\$9,540,000.00	\$141,255,000.00			\$114,568,000.00

SCHEDULE OF AMORTIZATION OF \$9,415,000 PRINCIPAL AMOUNT OF PROPOSED 2018 SCHOOL BUILDING AND SITE BONDS, SERIES I (General Obligation-Unlimited Tax)

(General Obigation-Unimited Tax)

Principal payable annually on May 1st.

Interest payable semi-annually on May 1st and November 1st.

Michigan School Bond Qualification and Loan Program Qualified

Bonds dated May 10, 2018

Date 11/01/18 05/01/19 11/01/19 05/01/20 11/01/20 05/01/21 11/01/21 05/01/22 11/01/22 05/01/23 11/01/23 05/01/24 11/01/24 05/01/25 11/01/25 05/01/26 11/01/26 05/01/27 11/01/27 05/01/28 11/01/27 05/01/28 11/01/29 05/01/30 11/01/30 05/01/31 11/01/31 05/01/32 11/01/32 05/01/33 11/01/33 05/01/34 11/01/34 05/01/35 11/01/35	Section Sect	Principal 000's)	Rate (%) 3.000 3.050 3.100 3.150 3.200 3.250 3.300 3.350 3.400 3.450 3.550 3.600 3.650 3.750 3.800 3.850 3.900 3.950 4.000 4.050 4.110	\$209,992.75 221,045.00 221,045.00 221,045.00 221,045.00 221,045.00 221,045.00 221,045.00 221,045.00 221,045.00 221,045.00 221,045.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00	Total \$209,992.75 221,045.00 221,045.00 221,045.00 221,045.00 221,045.00 221,045.00 221,045.00 221,045.00 221,045.00 221,045.00 210,695.00	\$431,037.7 442,090.0 442,090.0 1,042,090.0 421,390.0 421,390.0 421,390.0 421,390.0
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05/01/23 11/01/23 05/01/24 11/01/24 05/01/25 11/01/25 05/01/26 11/01/26 05/01/27 11/01/27 05/01/28 11/01/28 05/01/29 11/01/29 05/01/30 11/01/31 05/01/31 11/01/31 05/01/32 11/01/32 05/01/33 11/01/33 05/01/34 11/01/34 05/01/35 11/01/35	9,415 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815	- - - -	3.450 3.500 3.550 3.650 3.700 3.750 3.800 3.850 3.900 3.950 4.000 4.050	221,045.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00	821,045.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00	421,390.0 421,390.0 421,390.0 421,390.0
11/01/23 05/01/24 11/01/24 05/01/25 11/01/25 05/01/26 11/01/26 05/01/27 11/01/27 05/01/28 11/01/28 05/01/29 11/01/29 05/01/30 11/01/30 05/01/31 11/01/32 05/01/32 11/01/32 05/01/33 11/01/32 05/01/34 11/01/33 05/01/34 11/01/35	8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815	- - - -	3.500 3.550 3.650 3.650 3.700 3.750 3.800 3.850 3.950 4.000 4.050	210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00	210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00	421,390.0 421,390.0 421,390.0 421,390.0
05/01/24 11/01/24 05/01/25 11/01/25 05/01/26 11/01/26 05/01/27 11/01/27 05/01/28 11/01/28 05/01/29 11/01/29 05/01/30 11/01/30 05/01/31 11/01/32 05/01/32 11/01/32 05/01/33 11/01/33 05/01/34 11/01/34 05/01/35 11/01/35	8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815	- - - - - 290	3.550 3.600 3.650 3.700 3.750 3.800 3.850 3.900 3.950 4.000 4.050	210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00	210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00	421,390.0 421,390.0 421,390.0
11/01/24 05/01/25 11/01/25 05/01/26 11/01/26 05/01/26 11/01/27 05/01/27 11/01/27 05/01/28 11/01/29 05/01/30 11/01/30 05/01/31 11/01/32 05/01/32 11/01/32 05/01/33 11/01/33 05/01/34 11/01/34 05/01/35 11/01/35	8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815	- - - - - 290	3.600 3.650 3.700 3.750 3.800 3.850 3.900 3.950 4.000 4.050	210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00	210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00	421,390.0 421,390.0 421,390.0
05/01/25 11/01/25 05/01/26 05/01/27 11/01/27 05/01/27 11/01/28 05/01/29 11/01/29 05/01/30 11/01/30 05/01/31 11/01/32 05/01/32 11/01/32 05/01/33 11/01/33 05/01/34 11/01/34 05/01/35 11/01/35	8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,525	- - - - - 290	3.650 3.700 3.750 3.800 3.850 3.900 3.950 4.000 4.050	210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00	210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00	421,390.0 421,390.0
11/01/25 05/01/26 11/01/26 05/01/27 11/01/27 05/01/28 11/01/28 05/01/29 11/01/29 05/01/30 11/01/30 05/01/31 11/01/31 05/01/32 11/01/32 05/01/33 11/01/33 05/01/34 11/01/34 05/01/35 11/01/35	8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,525 8,525	- - - - 290	3.700 3.750 3.800 3.850 3.900 3.950 4.000 4.050	210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00	210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00	421,390.0 421,390.0
05/01/26 11/01/26 05/01/27 11/01/27 05/01/28 11/01/28 05/01/29 11/01/29 05/01/30 11/01/30 05/01/31 11/01/31 05/01/32 11/01/32 05/01/33 11/01/33 05/01/34 11/01/34 05/01/35 11/01/35	8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,525 8,525	- - - - 290	3.750 3.800 3.850 3.900 3.950 4.000 4.050	210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00	210,695.00 210,695.00 210,695.00 210,695.00 210,695.00 210,695.00	421,390.0
11/01/26 05/01/27 11/01/27 11/01/27 11/01/28 11/01/28 11/01/29 11/01/29 05/01/30 11/01/30 05/01/31 11/01/32 05/01/32 11/01/32 05/01/33 11/01/33 05/01/34 11/01/34 05/01/35 11/01/35	8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,525 8,525	- - - - 290	3.800 3.850 3.900 3.950 4.000 4.050	210,695.00 210,695.00 210,695.00 210,695.00 210,695.00	210,695.00 210,695.00 210,695.00 210,695.00 210,695.00	421,390.0
05/01/27 11/01/27 05/01/28 11/01/28 05/01/29 11/01/29 05/01/30 11/01/30 05/01/31 11/01/31 05/01/32 11/01/32 05/01/33 11/01/33 05/01/34 11/01/34 05/01/35	8,815 8,815 8,815 8,815 8,815 8,815 8,815 8,525 8,525	- - - 290	3.850 3.900 3.950 4.000 4.050	210,695.00 210,695.00 210,695.00 210,695.00	210,695.00 210,695.00 210,695.00 210,695.00	
11/01/27 05/01/28 11/01/28 05/01/29 11/01/29 05/01/30 11/01/30 05/01/31 11/01/31 05/01/32 11/01/32 05/01/33 11/01/33 05/01/34 11/01/34 05/01/35 11/01/35	8,815 8,815 8,815 8,815 8,815 8,815 8,525 8,525	- - - 290	3.900 3.950 4.000 4.050	210,695.00 210,695.00 210,695.00	210,695.00 210,695.00 210,695.00	
11/01/27 05/01/28 11/01/28 05/01/29 11/01/29 05/01/30 11/01/30 05/01/31 11/01/31 05/01/32 11/01/32 05/01/33 11/01/33 05/01/34 11/01/34 05/01/35 11/01/35	8,815 8,815 8,815 8,815 8,815 8,815 8,525 8,525	- - 290	3.900 3.950 4.000 4.050	210,695.00 210,695.00 210,695.00	210,695.00 210,695.00 210,695.00	
11/01/28 05/01/29 11/01/29 05/01/30 11/01/30 05/01/31 11/01/31 05/01/32 11/01/32 05/01/33 11/01/33 05/01/34 11/01/34 05/01/35 11/01/35	8,815 8,815 8,815 8,815 8,815 8,525 8,525	- - 290	3.950 4.000 4.050	210,695.00 210,695.00	210,695.00 210,695.00	421,390.0
11/01/28 05/01/29 11/01/29 05/01/30 11/01/30 05/01/31 11/01/31 05/01/32 11/01/32 05/01/33 11/01/33 05/01/34 11/01/34 05/01/35 11/01/35	8,815 8,815 8,815 8,815 8,525 8,525	- 290	4.000 4.050	210,695.00	210,695.00	,
05/01/29 11/01/29 05/01/30 11/01/30 05/01/31 11/01/31 05/01/32 11/01/32 05/01/33 11/01/33 05/01/34 11/01/34 05/01/35 11/01/35	8,815 8,815 8,815 8,525 8,525	- 290	4.050			
11/01/29 05/01/30 11/01/30 05/01/31 11/01/31 11/01/31 05/01/32 11/01/32 05/01/33 11/01/33 05/01/34 11/01/34 05/01/35 11/01/35	8,815 8,815 8,525 8,525	290		210,695.00	410.093.00	421,390.0
05/01/30 11/01/30 05/01/31 11/01/31 05/01/32 11/01/32 05/01/33 11/01/33 05/01/34 11/01/34 05/01/35 11/01/35	8,815 8,525 8,525	290		210,695.00	210,695.00	,
11/01/30 05/01/31 11/01/31 05/01/32 11/01/32 05/01/33 11/01/33 05/01/34 11/01/34 05/01/35 11/01/35	8,525 8,525		4.150	210,695.00	500,695.00	711,390.0
05/01/31 11/01/31 05/01/32 11/01/32 05/01/33 11/01/33 05/01/34 11/01/34 05/01/35 11/01/35	8,525		4.200	204,677.50	204,677.50	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
11/01/31 05/01/32 11/01/32 05/01/33 11/01/33 05/01/34 11/01/34 05/01/35 11/01/35		305	4.250	204,677.50	509,677.50	714,355.0
05/01/32 11/01/32 05/01/33 11/01/33 05/01/34 11/01/34 05/01/35 11/01/35			4.300	198,196.25	198,196.25	, - ,,
11/01/32 05/01/33 11/01/33 05/01/34 11/01/34 05/01/35 11/01/35	8,220	320	4.350	198,196.25	518,196.25	716,392.
05/01/33 11/01/33 05/01/34 11/01/34 05/01/35 11/01/35	7,900		4.400	191,236.25	191,236.25	
11/01/33 05/01/34 11/01/34 05/01/35 11/01/35	7,900	345	4.450	191,236.25	536,236.25	727,472.
05/01/34 11/01/34 05/01/35 11/01/35	7,555		4.500	183,560.00	183,560.00	,_,,
11/01/34 05/01/35 11/01/35	7,555	365	4.550	183,560.00	548,560.00	732,120.0
05/01/35 11/01/35	7,190	305	4.600	175,256.25	175,256.25	752,120.
11/01/35	7,190	390	4.650	175,256.25	565,256.25	740,512
	6,800		4.700	166,188.75	166,188.75	
05/01/36	6,800	405	4.750	166,188.75	571,188.75	737,377
11/01/36	6,395	405	4.800	156,570.00	156,570.00	757,577
05/01/37	6,395	430	4.850	156,570.00	586,570.00	743,140.0
11/01/37	5,965	430	4.900	146,142.50	146,142.50	743,140.
05/01/38	5,965	400	4.900	146,142.50	546,142.50	692,285.
11/01/38	5,565	400	4.900	136,342.50	136,342.50	072,203.
05/01/39	5,565	410	4.900	136,342.50	546,342.50	682,685.0
11/01/39	5,155	710	4.900	126,297.50	126,297.50	302,003.
05/01/40	5,155	540	4.900	126,297.50	666,297.50	792,595.
11/01/40	4,615	540	4.900	113,067.50	113,067.50	1,72,393.
05/01/41	4,615	525	4.900	113,067.50	638,067.50	751,135.
11/01/41	4,013	323	4.900	100,205.00	100,205.00	/31,133.
05/01/42	4,090	545	4.900	100,205.00	645,205.00	745,410.
11/01/42	3,545	J+J	4.900	86,852.50	86,852.50	745,410.
05/01/43	3,545	570	4.900	86,852.50	656,852.50	743,705.
11/01/43	2,975	370	4.900	72,887.50	72,887.50	143,103.
05/01/44	2,975	585	4.900	72,887.50	657,887.50	730,775.
11/01/44	2,390	303	4.900	58,555.00	58,555.00	130,113.
05/01/45	2,390	600	4.900	58,555.00	658,555.00	717,110.
		000				/1/,110.
11/01/45	1,790	£15	4.900	43,855.00 43,855.00	43,855.00	702 710
05/01/46	1,790	615	4.900		658,855.00	702,710.
11/01/46	1,175	505	4.900	28,787.50	28,787.50	(50.555
05/01/47	1,175	595	4.900	28,787.50	623,787.50	652,575.
11/01/47	580	500	4.900	14,210.00	14,210.00	coo 100
05/01/48	580	580	4.900	14,210.00	594,210.00	608,420.0
Totals		\$9,415		\$9,554,902.75	\$18,969,902.75	\$18,969,902.7

SCHEDULE OF AMORTIZATION OF \$9,325,000 PRINCIPAL AMOUNT

OF PROPOSED 2020 SCHOOL BUILDING AND SITE BONDS, SERIES II

(General Obligation-Unlimited Tax)

Principal payable annually on May 1st. Interest payable semi-annually on May 1st and November 1st. Michigan School Bond Qualification and Loan Program Qualified Bonds dated April 5, 2020

Date 11/01/20 05/01/21 11/01/21 05/01/22 11/01/22 05/01/23 11/01/23 05/01/24 11/01/24 05/01/25 11/01/25 05/01/26 11/01/26 05/01/27 11/01/27 05/01/28 11/01/28 05/01/29 11/01/29 05/01/30 11/01/30 05/01/31 11/01/31 05/01/32 11/01/32 05/01/32	Balance (In \$1 \$9,325	<u>Principal</u> ,000's)	Rate (%)	Interest (<u>Total</u> In Dollars	Total
05/01/21 11/01/21 05/01/22 11/01/22 05/01/23 11/01/23 05/01/24 11/01/24 05/01/25 11/01/25 05/01/26 11/01/26 05/01/27 11/01/27 05/01/28 11/01/28 05/01/29 11/01/29 05/01/30 11/01/30 05/01/31 11/01/31 05/01/32		,000 3)	(70)	(In Donais	
05/01/21 11/01/21 05/01/22 11/01/22 05/01/23 11/01/23 05/01/24 11/01/24 05/01/25 11/01/25 05/01/26 11/01/26 05/01/27 11/01/27 05/01/28 11/01/28 05/01/29 11/01/29 05/01/30 11/01/30 05/01/31 11/01/31 05/01/32	\$9,325					,
11/01/21 05/01/22 11/01/22 05/01/23 11/01/23 05/01/24 11/01/24 05/01/25 11/01/25 05/01/26 11/01/26 05/01/27 11/01/27 05/01/28 11/01/28 05/01/29 11/01/29 05/01/30 11/01/30 05/01/31 11/01/31 05/01/32			3.000	\$246,639.22	\$246,639.22	
05/01/22 11/01/22 05/01/23 11/01/23 05/01/24 11/01/24 05/01/25 11/01/25 05/01/26 11/01/26 05/01/27 11/01/27 05/01/27 11/01/28 05/01/29 11/01/29 05/01/30 11/01/30 05/01/31 11/01/31 05/01/32 11/01/32	9,325	-	3.050	215,510.00	215,510.00	\$462,149.22
11/01/22 05/01/23 11/01/23 05/01/24 11/01/24 05/01/25 11/01/25 05/01/26 11/01/26 05/01/27 11/01/27 05/01/28 11/01/28 05/01/29 11/01/29 05/01/30 11/01/30 05/01/31 11/01/31 05/01/32	9,325		3.100	215,510.00	215,510.00	
05/01/23 11/01/23 05/01/24 11/01/24 05/01/25 11/01/25 05/01/26 11/01/26 05/01/27 11/01/27 05/01/28 11/01/28 05/01/29 11/01/29 05/01/30 11/01/30 05/01/31 11/01/31 05/01/32	9,325	-	3.150	215,510.00	215,510.00	431,020.00
05/01/23 11/01/23 05/01/24 11/01/24 05/01/25 11/01/25 05/01/26 11/01/26 05/01/27 11/01/27 05/01/28 11/01/28 05/01/29 11/01/29 05/01/30 11/01/30 05/01/31 11/01/31 05/01/32	9,325		3.200	215,510.00	215,510.00	
11/01/23 05/01/24 11/01/24 05/01/25 11/01/25 05/01/26 11/01/26 05/01/27 11/01/27 05/01/28 11/01/28 05/01/29 11/01/29 05/01/30 11/01/30 05/01/31 11/01/31 05/01/32 11/01/32	9,325	-	3.250	215,510.00	215,510.00	431,020.00
05/01/24 11/01/24 05/01/25 11/01/25 05/01/26 11/01/26 05/01/27 11/01/27 05/01/28 11/01/28 05/01/29 11/01/29 05/01/30 11/01/30 05/01/31 11/01/31 05/01/32 11/01/32	9,325		3.300	215,510.00	215,510.00	,
11/01/24 05/01/25 11/01/25 05/01/26 11/01/26 05/01/27 11/01/27 05/01/28 11/01/28 05/01/29 11/01/29 05/01/30 11/01/30 05/01/31 11/01/31 05/01/32 11/01/32	9,325	\$500	3.350	215,510.00	715,510.00	931,020.00
05/01/25 11/01/25 05/01/26 11/01/26 05/01/27 11/01/27 05/01/28 11/01/28 05/01/29 11/01/29 05/01/30 11/01/30 05/01/31 11/01/31	8,825		3.400	207,135.00	207,135.00	,
11/01/25 05/01/26 11/01/26 05/01/27 11/01/27 05/01/28 11/01/28 05/01/29 11/01/29 05/01/30 11/01/30 05/01/31 11/01/31 05/01/32 11/01/32	8,825	_	3.450	207,135.00	207,135.00	414,270.00
05/01/26 11/01/26 05/01/27 11/01/27 05/01/28 11/01/28 05/01/29 11/01/29 05/01/30 11/01/30 05/01/31 11/01/31 05/01/32 11/01/32	8,825		3.500	207,135.00	207,135.00	,
11/01/26 05/01/27 11/01/27 05/01/28 11/01/28 05/01/28 11/01/28 05/01/29 11/01/29 05/01/30 11/01/30 05/01/31 11/01/31 05/01/32 11/01/32	8,825	_	3.550	207,135.00	207,135.00	414,270.00
05/01/27 11/01/27 05/01/28 11/01/28 05/01/29 11/01/29 05/01/30 11/01/30 05/01/31 11/01/31 05/01/31 11/01/32	8,825		3.600	207,135.00	207,135.00	111,270.00
11/01/27 05/01/28 11/01/28 05/01/29 11/01/29 05/01/30 11/01/30 05/01/31 11/01/31 05/01/32 11/01/32	8,825		3.650	207,135.00	207,135.00	414,270.00
05/01/28 11/01/28 05/01/29 11/01/29 05/01/30 11/01/30 05/01/31 11/01/31 05/01/32 11/01/32	8,825		3.700	207,135.00	207,135.00	414,270.00
11/01/28 05/01/29 11/01/29 05/01/30 11/01/30 05/01/31 11/01/31 05/01/32 11/01/32	8,825		3.750	207,135.00	207,135.00	414,270.00
05/01/29 11/01/29 05/01/30 11/01/30 05/01/31 11/01/31 05/01/32 11/01/32		-	3.800			414,270.00
11/01/29 05/01/30 11/01/30 05/01/31 11/01/31 05/01/32 11/01/32	8,825			207,135.00	207,135.00	414 270 00
05/01/30 11/01/30 05/01/31 11/01/31 05/01/32 11/01/32	8,825	-	3.850	207,135.00	207,135.00	414,270.00
11/01/30 05/01/31 11/01/31 05/01/32 11/01/32	8,825	245	3.900	207,135.00	207,135.00	750 270 00
05/01/31 11/01/31 05/01/32 11/01/32	8,825	345	3.950	207,135.00	552,135.00	759,270.00
11/01/31 05/01/32 11/01/32	8,480		4.000	200,321.25	200,321.25	
05/01/32 11/01/32	8,480	350	4.050	200,321.25	550,321.25	750,642.50
11/01/32	8,130		4.100	193,233.75	193,233.75	
	8,130	360	4.150	193,233.75	553,233.75	746,467.50
05/01/33	7,770		4.200	185,763.75	185,763.75	
	7,770	360	4.250	185,763.75	545,763.75	731,527.50
11/01/33	7,410		4.300	178,113.75	178,113.75	
05/01/34	7,410	365	4.350	178,113.75	543,113.75	721,227.50
11/01/34	7,045		4.400	170,175.00	170,175.00	
05/01/35	7,045	370	4.450	170,175.00	540,175.00	710,350.00
11/01/35	6,675		4.500	161,942.50	161,942.50	
05/01/36	6,675	375	4.550	161,942.50	536,942.50	698,885.00
11/01/36	6,300		4.600	153,411.25	153,411.25	
05/01/37	6,300	380	4.650	153,411.25	533,411.25	686,822.50
11/01/37	5,920		4.700	144,576.25	144,576.25	
05/01/38	5,920	455	4.750	144,576.25	599,576.25	744,152.50
11/01/38	5,465		4.800	133,770.00	133,770.00	
05/01/39	5,465	490	4.850	133,770.00	623,770.00	757,540.00
11/01/39	4,975		4.900	121,887.50	121,887.50	
05/01/40	4,975	490	4.900	121,887.50	611,887.50	733,775.00
11/01/40	4,485		4.900	109,882.50	109,882.50	
05/01/41	4,485	510	4.900	109,882.50	619,882.50	729,765.00
11/01/41	3,975		4.900	97,387.50	97,387.50	
05/01/42	3,975	530	4.900	97,387.50	627,387.50	724,775.00
11/01/42	3,445		4.900	84,402.50	84,402.50	,
05/01/43	3,445	565	4.900	84,402.50	649,402.50	733,805.00
11/01/43	2,880		4.900	70,560.00	70,560.00	,
05/01/44	2,880	575	4.900	70,560.00	645,560.00	716,120.00
11/01/44	2,305		4.900	56,472.50	56,472.50	,
05/01/45	2,305	585	4.900	56,472.50	641,472.50	697,945.00
11/01/45	1,720	202	4.900	42,140.00	42,140.00	277,7 .3.00
05/01/46	1,720	585	4.900	42,140.00	627,140.00	669,280.00
11/01/46		505	4.900	27,807.50	27,807.50	507,200.00
05/01/47				27,807.50	592,807.50	620,615.00
11/01/47	1,135	565	4 CIAN			
05/01/48	1,135	565	4.900			020,013.00
Totals		565 570	4.900 4.900 4.900	13,965.00 13,965.00	13,965.00 583,965.00	597,930.00

SCHEDULE OF AMORTIZATION OF \$9,540,000 PRINCIPAL AMOUNT

OF PROPOSED 2022 SCHOOL BUILDING AND SITE BONDS, SEIRES III

(General Obligation-Unlimited Tax)

Principal payable annually on May 1st. Interest payable semi-annually on May 1st and November 1st. Michigan School Bond Qualification and Loan Program Qualified Bonds dated April 5, 2022

Payment	Principal		Interest			Fiscal Year
Date	Balance	Principal	Rate	Interest	Total	Total
	(In \$1	,000's)	(%)	(In Dollars)
11/01/22	\$9,540		3.000	\$250,342.93	\$250,342.93	
05/01/23	9,540	_	3.050	218,746.25	218,746.25	\$469,089.18
11/01/23	9,540	_	3.100	218,746.25	218,746.25	\$407,007.10
05/01/24	9,540	_	3.150	218,746.25	218,746.25	437,492.50
11/01/24	9,540		3.200	218,746.25	218,746.25	437,472.30
05/01/25	9,540	\$500	3.250	218,746.25	718,746.25	937,492.50
11/01/25	9,040	\$500	3.300	210,621.25	210,621.25	737,472.30
05/01/26	9,040		3.350	210,621.25	210,621.25	421,242.50
11/01/26	9,040		3.400	210,621.25	210,621.25	721,272.30
05/01/27	9,040		3.450	210,621.25	210,621.25	421,242.50
11/01/27	9,040		3.500	210,621.25	210,621.25	721,272.30
05/01/28	9,040	_	3.550	210,621.25	210,621.25	421,242.50
11/01/28	9,040		3.600	210,621.25	210,621.25	121,212.00
05/01/29	9,040	_	3.650	210,621.25	210,621.25	421,242.50
11/01/29	9,040		3.700	210,621.25	210,621.25	121,212.00
05/01/30	9,040	230	3.750	210,621.25	440,621.25	651,242.50
11/01/30	8,810	250	3.800	206,308.75	206,308.75	001,212.00
05/01/31	8,810	250	3.850	206,308.75	456,308.75	662,617.50
11/01/31	8,560	200	3.900	201,496.25	201,496.25	002,017.00
05/01/32	8,560	265	3.950	201,496.25	466,496.25	667,992.50
11/01/32	8,295	203	4.000	196,262.50	196,262.50	007,772.00
05/01/33	8,295	285	4.050	196,262.50	481,262.50	677,525.00
11/01/33	8,010	203	4.100	190,491.25	190,491.25	077,525.00
05/01/34	8,010	305	4.150	190,491.25	495,491.25	685,982.50
11/01/34	7,705		4.200	184,162.50	184,162.50	***************************************
05/01/35	7,705	325	4.250	184,162.50	509,162.50	693,325.00
11/01/35	7,380		4.300	177,256.25	177,256.25	3,0,020100
05/01/36	7,380	360	4.350	177,256.25	537,256.25	714,512.50
11/01/36	7,020		4.400	169,426.25	169,426.25	
05/01/37	7,020	385	4.450	169,426.25	554,426.25	723,852.50
11/01/37	6,635		4.500	160,860.00	160,860.00	,
05/01/38	6,635	400	4.550	160,860.00	560,860.00	721,720.00
11/01/38	6,235		4.600	151,760.00	151,760.00	,, ,,
05/01/39	6,235	420	4.650	151,760.00	571,760.00	723,520.00
11/01/39	5,815		4.700	141,995.00	141,995.00	,
05/01/40	5,815	455	4.750	141,995.00	596,995.00	738,990.00
11/01/40	5,360		4.800	131,188.75	131,188.75	
05/01/41	5,360	525	4.850	131,188.75	656,188.75	787,377.50
11/01/41	4,835		4.900	118,457.50	118,457.50	
05/01/42	4,835	560	4.900	118,457.50	678,457.50	796,915.00
11/01/42	4,275		4.900	104,737.50	104,737.50	
05/01/43	4,275	580	4.900	104,737.50	684,737.50	789,475.00
11/01/43	3,695		4.900	90,527.50	90,527.50	
05/01/44	3,695	640	4.900	90,527.50	730,527.50	821,055.00
11/01/44	3,055		4.900	74,847.50	74,847.50	
05/01/45	3,055	705	4.900	74,847.50	779,847.50	854,695.00
11/01/45	2,350		4.900	57,575.00	57,575.00	
05/01/46	2,350	685	4.900	57,575.00	742,575.00	800,150.00
11/01/46	1,665		4.900	40,792.50	40,792.50	
05/01/47	1,665	790	4.900	40,792.50	830,792.50	871,585.00
11/01/47	875		4.900	21,437.50	21,437.50	
05/01/48	875	875	4.900	21,437.50	896,437.50	917,875.00
Totals		\$9,540		\$8,289,451.68	\$17,829,451.68	\$17,829,451.68

ESTIMATED BOND ISSUANCE COST DETAIL

	Series I	Series II	Series III	Total
Underwriter's Discount	\$94,150	\$93,250	\$95,400	\$282,800
Bond Counsel	22,700	23,000	23,200	68,900
Financial Advisor	20,700	21,000	21,200	62,900
Qualification	5,800	5,800	5,800	17,400
Treasury Fee	1,000	1,000	1,000	3,000
Bond Rating	15,000	15,000	15,000	45,000
Official Statement Printing	4,000	4,000	4,000	12,000
Paying Agent	800	800	800	2,400
Municipal Advisory Council	400	400	400	1,200
Notice of Sale	1,900	2,100	2,100	6,100
Election	10,000	-	-	10,000
Total Allowance	\$176,450	\$166,350	\$168,900	\$511,700
Less Estimated Interest Earnings	(\$8,853)	(\$8,777)	(\$8,981)	(\$26,611)
Net Allowance	\$167,597	\$157,573	\$159,919	\$485,089

ESTIMATED INTEREST INCOME - 2018 BONDS

Bond issue amount	\$9,415,000.00		Interest	Interest
Less bond issuance costs	(176,450.00)	Balance	Rate	Earnings
Beginning cash balance 5/10/18	9,238,550.00	\$9,238,550.00		
06/01/18	(384,940.00)	8,853,610.00	0.10%	\$738
07/01/18	(384,940.00)	8,468,670.00	0.10%	706
08/01/18	(384,940.00)	8,083,730.00	0.10%	674
09/01/18	(384,940.00)	7,698,790.00	0.10%	642
10/01/18	(384,940.00)	7,313,850.00	0.10%	609
11/01/18	(384,940.00)	6,928,910.00	0.10%	577
12/01/18	(384,940.00)	6,543,970.00	0.10%	545
01/01/19	(384,940.00)	6,159,030.00	0.10%	513
02/01/19	(384,940.00)	5,774,090.00	0.10%	481
03/01/19	(384,940.00)	5,389,150.00	0.10%	449
04/01/19	(384,940.00)	5,004,210.00	0.10%	417
05/01/19	(384,940.00)	4,619,270.00	0.10%	385
06/01/19	(384,940.00)	4,234,330.00	0.10%	353
07/01/19	(384,940.00)	3,849,390.00	0.10%	321
08/01/19	(384,940.00)	3,464,450.00	0.10%	289
09/01/19	(384,940.00)	3,079,510.00	0.10%	257
10/01/19	(384,940.00)	2,694,570.00	0.10%	225
11/01/19	(384,940.00)	2,309,630.00	0.10%	192
12/01/19	(384,940.00)	1,924,690.00	0.10%	160
01/01/20	(384,940.00)	1,539,750.00	0.10%	128
02/01/20	(384,940.00)	1,154,810.00	0.10%	96
03/01/20	(384,940.00)	769,870.00	0.10%	64
04/01/20	(384,940.00)	384,930.00	0.10%	32
05/01/20	(384,930.00)	-	0.10%	-
Total interest earnings				\$8,853

ESTIMATED INTEREST INCOME - 2020 BONDS

Bond issue amount	\$9,325,000.00		Interest	Interest
Less bond issuance costs	(166,350.00)	Balance	Rate	Earnings
Beginning cash balance 4/5/20	9,158,650.00	\$9,158,650.00		
05/01/20	(381,610.00)	8,777,040.00	0.10%	\$731
06/01/20	(381,610.00)	8,395,430.00	0.10%	700
07/01/20	(381,610.00)	8,013,820.00	0.10%	668
08/01/20	(381,610.00)	7,632,210.00	0.10%	636
09/01/20	(381,610.00)	7,250,600.00	0.10%	604
10/01/20	(381,610.00)	6,868,990.00	0.10%	572
11/01/20	(381,610.00)	6,487,380.00	0.10%	541
12/01/20	(381,610.00)	6,105,770.00	0.10%	509
01/01/21	(381,610.00)	5,724,160.00	0.10%	477
02/01/21	(381,610.00)	5,342,550.00	0.10%	445
03/01/21	(381,610.00)	4,960,940.00	0.10%	413
04/01/21	(381,610.00)	4,579,330.00	0.10%	382
05/01/21	(381,610.00)	4,197,720.00	0.10%	350
06/01/21	(381,610.00)	3,816,110.00	0.10%	318
07/01/21	(381,610.00)	3,434,500.00	0.10%	286
08/01/21	(381,610.00)	3,052,890.00	0.10%	254
09/01/21	(381,610.00)	2,671,280.00	0.10%	223
10/01/21	(381,610.00)	2,289,670.00	0.10%	191
11/01/21	(381,610.00)	1,908,060.00	0.10%	159
12/01/21	(381,610.00)	1,526,450.00	0.10%	127
01/01/22	(381,610.00)	1,144,840.00	0.10%	95
02/01/22	(381,610.00)	763,230.00	0.10%	64
03/01/22	(381,610.00)	381,620.00	0.10%	32
04/01/22	(381,604.00)	16.00	0.10%	-
5 5 	(===,===)	20.00	2,20,0	
Total interest earnings				\$8,777

ESTIMATED INTEREST INCOME - 2022 BONDS

Bond issue amount	\$9,540,000.00		Interest	Interest
Less bond issuance costs	(168,900.00)	Balance	Rate	Earnings
Designing each belongs 4/5/22	0 271 100 00	¢0 271 100 00		
Beginning cash balance 4/5/22	9,371,100.00	\$9,371,100.00	0.100/	¢740
05/01/22	(390,463.00)	8,980,637.00	0.10%	\$748
06/01/22	(390,463.00)	8,590,174.00	0.10%	716
07/01/22	(390,463.00)	8,199,711.00	0.10%	683
08/01/22	(390,463.00)	7,809,248.00	0.10%	651
09/01/22	(390,463.00)	7,418,785.00	0.10%	618
10/01/22	(390,463.00)	7,028,322.00	0.10%	586
11/01/22	(390,463.00)	6,637,859.00	0.10%	553
12/01/22	(390,463.00)	6,247,396.00	0.10%	521
01/01/23	(390,463.00)	5,856,933.00	0.10%	488
02/01/23	(390,463.00)	5,466,470.00	0.10%	456
03/01/23	(390,463.00)	5,076,007.00	0.10%	423
04/01/23	(390,463.00)	4,685,544.00	0.10%	390
05/01/23	(390,463.00)	4,295,081.00	0.10%	358
06/01/23	(390,463.00)	3,904,618.00	0.10%	325
07/01/23	(390,463.00)	3,514,155.00	0.10%	293
08/01/23	(390,463.00)	3,123,692.00	0.10%	260
09/01/23	(390,463.00)	2,733,229.00	0.10%	228
10/01/23	(390,463.00)	2,342,766.00	0.10%	195
11/01/23	(390,463.00)	1,952,303.00	0.10%	163
12/01/23	(390,463.00)	1,561,840.00	0.10%	130
01/01/24	(390,463.00)	1,171,377.00	0.10%	98
02/01/24	(390,463.00)	780,914.00	0.10%	65
03/01/24	(390,463.00)	390,451.00	0.10%	33
04/01/24	(390,451.00)	-	0.10%	-
0 1/ 01/ 2 1	(570, 151.00)		0.1070	
Total interest earnings				\$8,981

"REVISED MUNICIPAL FINANCE ACT" SEC. 503(1) AND 503(4) CALCULATION - 2018 BONDS

Maturity		Existing	Proposed		1/5	
Year	Year	Bonds	Bonds	Total	Amount	Status
2018	1	\$13,010	\$0	\$13,010		
2019	2	10,950	-	10,950		
2020	3	11,385	-	11,385		
2021	4	13,420	-	13,420		
2022		11,695	-	11,695	\$4,057	Okay
2023		4,625	600	5,225	4,057	Okay
2024		4,870	-	4,870	4,057	Okay
2025		5,565	-	5,565	4,057	Okay
2026		5,110	-	5,110	4,057	Okay
2027		20,285	-	20,285	1,360	Okay
2028		6,800	-	6,800	872	Okay
2029		4,360	-	4,360	123	Okay
2030		100	290	390	123	Okay
2031		100	305	405	123	Okay
2032		100	320	420	123	Okay
2033		100	345	445	123	Okay
2034		100	365	465	123	Okay
2035		100	390	490	123	Okay
2036		100	405	505	123	Okay
2037		100	430	530	123	Okay
2038		-	400	400	123	Okay
2039		100	410	510	123	Okay
2040			540	540	123	Okay
2041			525	525	123	Okay
2042			545	545	123	Okay
2043			570	570	123	Okay
2044			585	585	123	Okay
2045			600	600	123	Okay
2046			615	615	119	Okay
2047			595	595	116	Okay
2048			580	580	116	Okay
						-
Totals		\$112,975	\$9,415	\$122,390		

"REVISED MUNICIPAL FINANCE ACT" SEC. 503(1) AND 503(4) CALCULATION - 2020 BONDS

Maturity		Existing	Proposed		1/5	
Year	Year	Bonds	Bonds	Total	Amount	Status
2020	1	\$11,385	\$0	\$11,385		
2021	2	13,420	-	13,420		
2022	3	11,695	_	11,695		
2023	4	4,625	600	5,225		
2024		4,870	500	5,370	\$4,057	Okay
2025		5,565	500	6,065	4,057	Okay
2026		5,110	-	5,110	4,057	Okay
2027		20,285	-	20,285	1,360	Okay
2028		6,800	-	6,800	872	Okay
2029		4,360	-	4,360	405	Okay
2030		100	865	965	405	Okay
2031		100	905	1,005	405	Okay
2032		100	945	1,045	405	Okay
2033		100	990	1,090	405	Okay
2034		100	1,035	1,135	405	Okay
2035		100	1,085	1,185	405	Okay
2036		100	1,140	1,240	405	Okay
2037		100	1,195	1,295	405	Okay
2038		-	1,255	1,255	405	Okay
2039		100	1,320	1,420	405	Okay
2040			1,485	1,485	405	Okay
2041			1,560	1,560	405	Okay
2042			1,635	1,635	405	Okay
2043			1,715	1,715	405	Okay
2044			1,800	1,800	405	Okay
2045			1,890	1,890	405	Okay
2046			1,885	1,885	405	Okay
2047			1,950	1,950	405	Okay
2048			2,025	2,025	405	Okay
Totals		\$89,015	\$28,280	\$117,295		

"REVISED MUNICIPAL FINANCE ACT" SEC. 503(1) AND 503(4) CALCULATION - 2022 BONDS

Maturity Year	Year	Existing Bonds	Proposed Bonds	Total	1/5 Amount	Status
1641	1641	Bollus	Donus	10141	Amount	Status
2022	1	\$11,695	\$0	\$11,695		
2023	2	4,625	600	5,225		
2024	3	4,870	500	5,370		
2025	4	5,565	-	5,565		
2026		5,110	-	5,110	\$4,057	Okay
2027		20,285	-	20,285	1,360	Okay
2028		6,800	-	6,800	872	Okay
2029		4,360	-	4,360	240	Okay
2030		100	635	735	240	Okay
2031		100	655	755	240	Okay
2032		100	680	780	240	Okay
2033		100	705	805	240	Okay
2034		100	730	830	240	Okay
2035		100	760	860	240	Okay
2036		100	780	880	240	Okay
2037		100	810	910	240	Okay
2038		-	855	855	240	Okay
2039		100	900	1,000	240	Okay
2040			1,030	1,030	240	Okay
2041			1,035	1,035	240	Okay
2042			1,075	1,075	240	Okay
2043			1,135	1,135	240	Okay
2044			1,160	1,160	240	Okay
2045			1,185	1,185	240	Okay
2046			1,200	1,200	232	Okay
2047			1,160	1,160	230	Okay
2048			1,150	1,150	230	Okay
Totals		\$64,210	\$18,740	\$82,950		

Enrollment Projections

Oxford Community Schools

63110

Complete this form after acquiring an enrollment projection report from an approved enrollment projection provider. Official enrollment projections should be based on the most recent fall membership count.

Prepared By Integrated Design Solutions, LLC

Source Stanfred Consultants

Explanation of Method Selected

Per Stanfred enrollment projection suggestion, we used the 1.5 projections expecting enrollments to fall between the most likely and high. Formula is: "the most likely" + "the high" divided by two.

Subtotals by Grade:

		(Year)	(Year)	(Col 4 - Col 3) / Col 3
Grade 1	Preceding 5-Year Enrollment 2	Current Enrollment 3	Projected 5-Year Enrollment 4	Projected Enrollment Change (%) 5
K		344	377	9.59%
1		269	301	11.90%
2		297	301	1.35%
3		277	308	11.19%
4		365	310	-15.07%
5		350	297	-15.14%
6		359	293	-18.38%
7		398	331	-16.83%
8		353	305	-13.60%
9		484	472	-2.48%
10		432	446	3.24%
11		421	438	4.04%
12		394	478	21.32%
Total	0	4,743	4,657	-1.81%

Subtotals by School District's Grade Configuration: *

Kindergarten	344	377	9.59%
Elementary (1-5)	1,558	1,517	-2.63%
Middle School (6-8)	1,110	929	-16.31%
High School (9-12)	1,731	1,834	5.95%
General Ed Total 0	4,743	4,657	-1.85%

*Examples of possible grade configurations

K - 5	K - 8	K - 12
6 - 8	5 - 6	5 - 8
9 - 12	10 - 12	7 - 12

Non-general ed student count should not be included in the general ed student count listed above unless discussed with and determined by your enrollment service provider.

Project Sheet

Daniel Axford Elementary Sch	Project No. [1]				
Description of Proposal/Series 1	Building renovations, Mechanical and Electric	al systems upgrades			
Description of Proposal/Series 2	Building infrastructure edge switches & equipment				
Description of Proposal/Series 3	Building renovations, Mechanical and Electrical systems upgrades				
Instructional Technology Description None					
Site Work Description	Replace parking lot paving, sidewalks, exterior	or lighting and playground renovations			

Construction Cost Per Square Foot

New Construction Square Ft	0	Cost per Sq Ft	\$ -
New Addition Square Ft.	0	Cost per Sq Ft	\$ -

Statement describing any existing environmental or usability problems the proposed project will address. (ex: asbestos, energy use, or ADA requirements)

The building renovations, and exterior lighting improvements will reduce overall energy consumptions by replacing less efficient systems and installation of LED site lighting.

Estimated Cost of Proposed Construction Project

Column1	Proposal/Series 1	Proposal/Series 2	Proposal/Series 3	Total
New Construction	0	0	0	0
Remodeling	632,390	0	456,060	1,088,450
Construction Contingencies	68,407	26,961	49,333	144,701
Instructional Technology	0	0	0	0
Loose Furnishing/Equipment	0	10,000	0	10,000
Buses	0	0	0	0
Site Work	0	249,247	0	249,247
Site Acquisition	0	0	0	0
Architectural Fees and Costs	49,056	19,335	35,377	103,768
CM Fees and Costs	45,552	17,954	32,851	96,357
Estimated Costs	795,405	323,497	573,621	1,692,523

Certificate by Registered Architect

I certify that I have assessed the conditions relative to this facility and the details of the proposed project(s) described above and the attached detail relative to the construction project(s) are true and correct to the best of my knowledge and belief.

			esign Solutions, LLC 130105379				
Signature	Date	Firm Name and	Firm Name and License Number				
Charles E Lewis, AIA NCARB	<u>clewis@ids</u>	s-troy.com	248.823.2126				
Printed Name	E-mail Address		Phone Number				

Oxford Community Schools

1. Daniel Axford Elementary School

Category	Work Item Description	Units/s.f. Cost	F	Projected Cost		Sub-Total Estimate	Тс	otal Estimate		Series 1	,	Series 2	5	Series 3
Site Work 1 2 3	Playground Improvements - replace play surfaces & play structures Replace asphalt parking lots, drives and sidewalks Replace parking lot lighting to LED	Subtotal	\$ \$ \$	110,000 46,847 92,400	\$	249,247			\$		\$ \$ \$	110,000 46,847 92,400 249,247	s	
New Constru	uction No new construction	Gubtotu			۳	243,247			۳		Ψ	240,241	•	
	No new construction	Subtotal			\$	-								
Remodeling exte	<u>erior</u>													
<u>inte</u> 1 2	<u>rior</u> Replace corridor carpets Replace Exterior and Interior doors and frames		\$	51,590 82,500					\$	51,590			\$	82,500
<u>med</u> 1 2	chanical Replace PK boilers Replace classroom unit ventilator to provide A/C Replace classroom unit ventilator to provide A/C and		\$	165,000 115,500					\$ \$	165,000 115,500				
3 4	provide new ductwork Replace rooftop unit to provide AC (7.5 ton unit)		\$ \$	237,600 62,700					\$ \$	237,600 62,700				
<u>elec</u> 1 2	<u>ctrical</u> Replace existing fire alarm system Replace Wall Mounted exterior lighting to LED		\$	357,060 16,500									\$	357,060 16,500
Technology		Subtotal			\$	1,088,450			\$	632,390	\$	-	\$	456,060
1	None	Subtotal	\$	-	\$				\$	-	\$ \$	-	\$	_
Funishings/E	<u>Equipment</u> Technology Infrastructure & Equipment	Subtotal	\$	10,000	\$	10,000			\$		\$ \$	10,000 10,000	•	-
Total Site/C	onstruction/Remodeling/Technology/Equipment Cos	sts			Sul	b-Total	\$	1,347,697						
					A/E	ntingency Fees Fees	Su	btotal	\$ \$ \$	68,407 49,056 45,552 163,015		26,962 19,335 17,954 64,250	\$	49,333 35,378 32,851 117,561
							\$	1,692,523	\$	795,405		323,497		573,621

Building Utilization

Daniel Axford Elementary

Project No. [1]

Current Grade Structure K-2
Proposed Grade Structure K-2

- 1. List the number of teaching station in appropriate column.
- 2. Calculate total capacity using the applicable capacity factor.
- 3. Enter five (5) year projected enrollment.
- 4. Calculate building utilization rate.
- 5. Attach floor plan of the building. Show the rooms and category (existing, proposed new, closed).
- 6. Number the teaching stations in consecutive order.

	List # of Teaching	Capacity	
Existing	Stations	Factor	Capacity
(K-2) Lower Elementary	21	20	420
(3-5) Upper Elementary		25	0
(6-8) Junior High		22.5	0
(9-12) High School		21.25	0
Subtotal	21		420
	List # of	Camaaitu	
Proposed New	Teaching Stations	Capacity Factor	Capacity
(K-2) Lower Elementary		20	0
(3-5) Upper Elementary		25	0
(6-8) Junior High		22.5	0
		04.05	0
(9-12) High School		21.25	0
(9-12) High School Subtotal	0	21.25	0

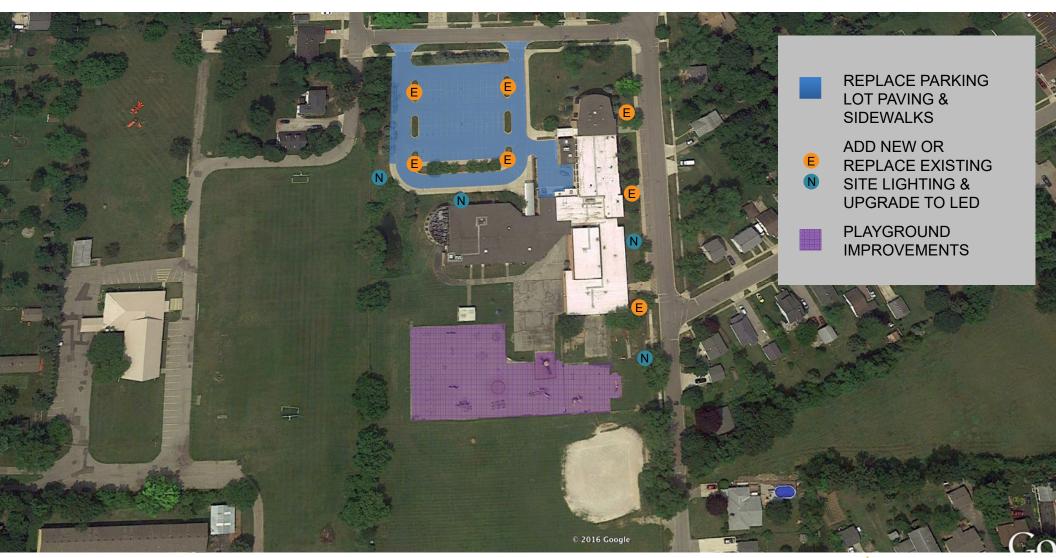
Facility to be Closed	List # of Teaching Stations	Capacity	
(K-2) Lower Elementary	0	20	0
(3-5) Upper Elementary		25	0
(6-8) Junior High		22.5	0
(9-12) High School		21.25	0
Total	0		0

Projected 5-Year Enrollment 409

Utilization Percentage 97%

(Projected 5-Year Enrollment / Total Capacity)

Please transfer applicable information to the Utilization Summary on Page 6 of the application.

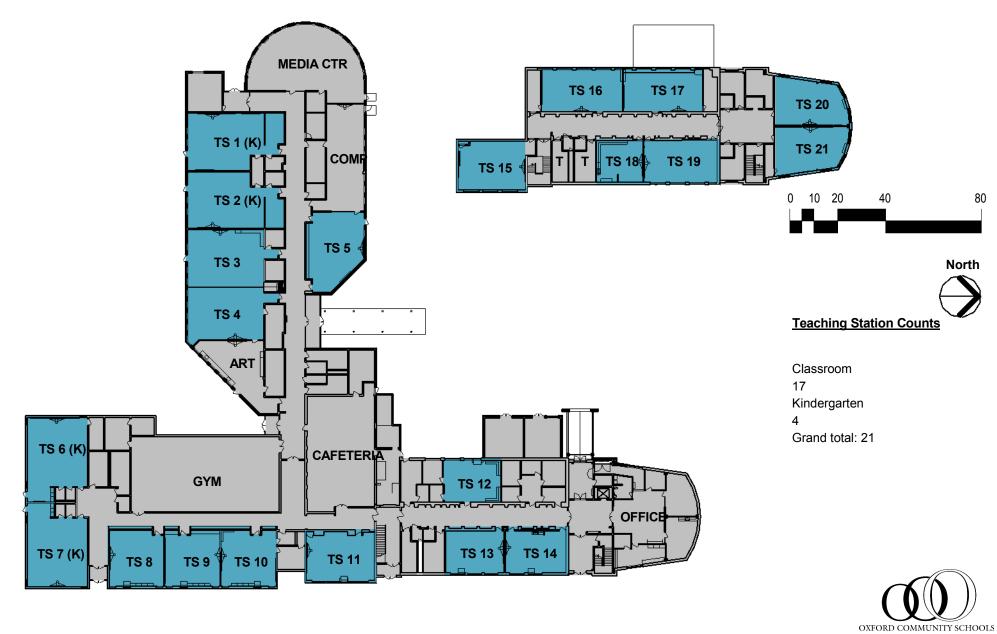














Project Sheet

Clear Lake Elementary School	Project No. [2]				
Description of Proposal/Series 1	Building renovations, Mechanical and Electric	al systems upgrades			
Description of Proposal/Series 2	Building infrastructure edge switches & equipro	ment			
Description of Proposal/Series 3	Building renovations, Mechanical and Electrical systems upgrades				
Instructional Technology Description None					
Site Work Description	Replace parking lot paving, sidewalks, exterio	r lighting and playground renovations			
'					

Construction Cost Per Square Foot

New Construction Square Ft	0	Cost per Sq Ft	\$ -
New Addition Square Ft.	0	Cost per Sq Ft	\$ -

Statement describing any existing environmental or usability problems the proposed project will address. (ex: asbestos, energy use, or ADA requirements)

The building renovations, and exterior lighting improvements will reduce overall energy consumptions by replacing less efficient systems and installation of LED site lighting.

Estimated Cost of Proposed Construction Project

Column1	Proposal/Series 1	Proposal/Series 2	Proposal/Series 3	Total
New Construction	0	0	0	0
Remodeling	935,770	0	99,000	1,034,770
Construction Contingencies	121,213	10,710	21,966	153,889
Instructional Technology	0	0	0	0
Loose Furnishing/Equipment	0	10,000	0	10,000
Buses	0	0	0	0
Site Work	110,000	92,400	90,516	292,916
Site Acquisition	0	0	0	0
Architectural Fees and Costs	81,689	7,218	14,804	103,711
CM Fees and Costs	75,854	6,702	13,746	96,302
Estimated Costs	1,324,526	127,030	240,032	1,691,588

Certificate by Registered Architect

I certify that I have assessed the conditions relative to this facility and the details of the proposed project(s) described above and the attached detail relative to the construction project(s) are true and correct to the best of my knowledge and belief.

		Integrated De	sign Solutions, LLC 130105379
Signature	Date	Firm Name and L	icense Number
Charles E Lewis, AIA NCARB	<u>clewis@id</u>	<u>s-troy.com</u>	248.823.2126
Printed Name	E-mail Address		Phone Number

2. Clearlake Elementary School

Cotogon	Work Item Description	Units/s.f. Cost	F	Projected Cost		Sub-Total Estimate	To	tal Estimate		Series 1		Series 2		Parion 2
Category Site Work	Work item Description	Cost		Cost		Estimate	10	itai Estiiliate		Series 1	-	Series 2		Series 3
1 2 3	Playground Improvements - replace play surfaces & play structures Replace asphalt parking lots, drives and sidewalks Replace parking lot lighting with LED		\$ \$	110,000 90,516 92,400					\$	110,000	\$	92,400	\$	90,516
		Subtotal			\$	292,916			\$	110,000	\$	92,400	\$	90,516
New Constr	uction No new construction	Subtotal			\$	-			\$	-	\$	-	\$	-
Remodeling ext	L <u>erior</u>													
inte 1	<u>erior</u> Replace doors and frames		\$	82,500									\$	82,500
me 1 2 3 4	chanical Replace rooftop units to provide A/C (6 ton unit) Replace rooftop units to provide A/C (12.5 ton unit) Replace H&V Unit (6,000 cfm unit) Replace classroom unit ventilator to provide A/C		\$ \$ \$	31,350 367,950 41,470 495,000					\$ \$ \$	31,350 367,950 41,470 495,000				
1	ctrical Replace Wall Mounted exterior lighting to LED	Subtotal	\$	16,500	\$	1,034,770			\$	935,770	\$	-	\$ \$	16,500 99,000
Technology 1	None	Subtotal	\$	-	\$	_			\$	_	\$ \$	-	\$	_
Funishings/l	<u>Equipment</u> Technology Infrastructure & Equipment	Subtotal	\$	10,000	\$	10,000			\$	-	\$ \$	10,000 10,000		-
Total Site/C	Construction/Remodeling/Technology/Equipment Cost	:			Sul	o-Total	\$	1,337,686						
					A/E	ntingency Fees Fees	C.	htotol	\$ \$ \$	121,213 81,689 75,854	\$	10,710 7,218 6,702	\$	21,966 14,804 13,746
							\$u	1,691,588	\$	278,756 1,324,526	\$	24,630 127,030	\$	50,517 240,033

Building Utilization

Clearlake Elementary

Project No. [2]

Current Grade Structure K-5
Proposed Grade Structure K-5

- 1. List the number of teaching station in appropriate column.
- 2. Calculate total capacity using the applicable capacity factor.
- 3. Enter five (5) year projected enrollment.
- 4. Calculate building utilization rate.
- 5. Attach floor plan of the building. Show the rooms and category (existing, proposed new, closed).
- 6. Number the teaching stations in consecutive order.

	List # of Teaching	Capacity		
Existing	Stations	Capacity		
(K-2) Lower Elementary	12	12 20		
(3-5) Upper Elementary	13	325		
(6-8) Junior High		0		
(9-12) High School		21.25	0	
Subtotal	25		565	
Proposed New	List # of Teaching Stations	Capacity Factor	Capacity	
(K-2) Lower Elementary		20	0	
(3-5) Upper Elementary		25	0	
(6-8) Junior High		22.5	0	
(0.40) 11: 1-0 1 1		21.25	0	
(9-12) High School				
Subtotal	0		0	

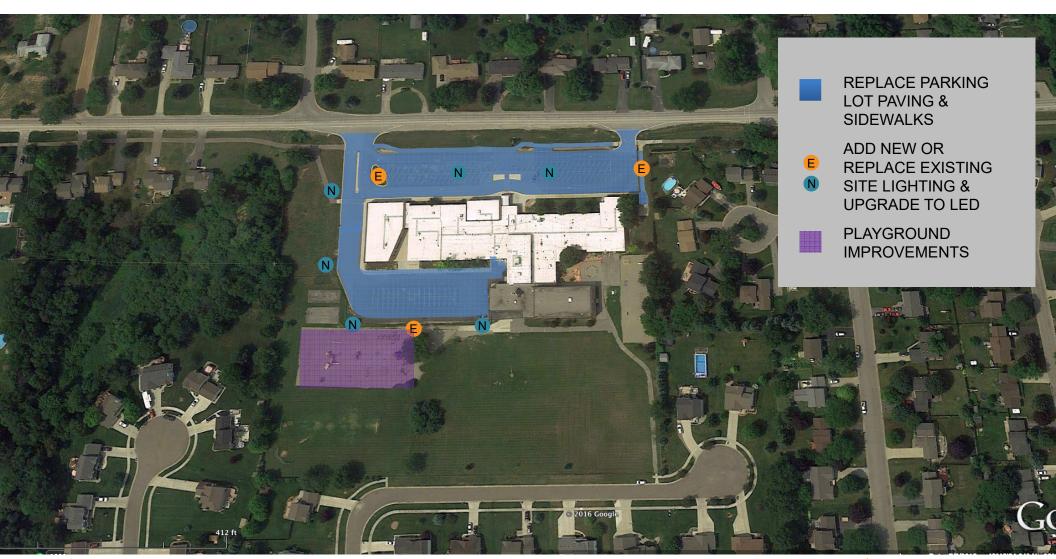
Facility to be Closed	List # of Teaching Stations	Capacity Factor	Capacity
(K-2) Lower Elementary	0	20	0
(3-5) Upper Elementary		25	0
(6-8) Junior High		22.5	0
(9-12) High School		21.25	0
Total	0		0

Projected 5-Year Enrollment 472

Utilization Percentage 84%

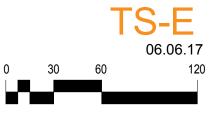
(Projected 5-Year Enrollment / Total Capacity)

Please transfer applicable information to the Utilization Summary on Page 6 of the application.

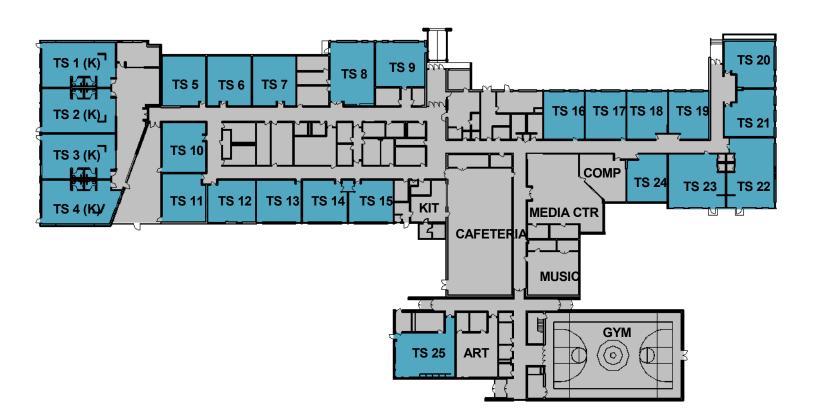












Teaching Station Counts

Classrooms: 21 Kindergarten: 4 Total:25





Project Sheet

Lakeville Elementary School		Project No. [3]					
Description of Proposal/Series 1	Building renovations, Mechanical and Electric	al systems upgrades					
Description of Proposal/Series 2	Building renovations, Building infrastructure edge switches & equipment						
Description of Proposal/Series 3	Building renovations and Electrical system Upgrades						
Instructional Technology Description	None						
Site Work Description	Replace parking lot paving, sidewalks, exterio	or lighting and playground renovations					

Construction Cost Per Square Foot

New Construction Square Ft	0	Cost per Sq Ft	\$ -
New Addition Square Ft.	0	Cost per Sq Ft	\$ -

Statement describing any existing environmental or usability problems the proposed project will address. (ex: asbestos, energy use, or ADA requirements)

The building renovations, and exterior lighting improvements will reduce overall energy consumptions by replacing less efficient systems and installation of LED site lighting.

Estimated Cost of Proposed Construction Project

Column1	Proposal/Series 1	Proposal/Series 2	Proposal/Series 3	Total
New Construction	0	0	0	0
Remodeling	539,770	22,440	99,000	661,210
Construction Contingencies	73,757	56,455	13,528	143,740
Instructional Technology	0	0	0	0
Loose Furnishing/Equipment	0	10,000	0	10,000
Buses	0	0	0	0
Site Work	0	390,708	0	390,708
Site Acquisition	0	0	0	0
Architectural Fees and Costs	42,947	32,872	7,877	83,696
CM Fees and Costs	39,879	30,524	7,314	77,717
Estimated Costs	696,353	542,999	127,719	1,367,071

Certificate by Registered Architect

I certify that I have assessed the conditions relative to this facility and the details of the proposed project(s) described above and the attached detail relative to the construction project(s) are true and correct to the best of my knowledge and belief.

Signature		ntegrated Design Solutions, LLC 130105379 rm Name and License Number
Charles E Lewis, AIA NCARB	clewis@ids-troy.cor	<u>n</u> 248.823.2126
Printed Name	E-mail Address	Phone Number

Oxford Community Schools

3. Lakeville Elementary School

		Units/s.f.	F	Projected		ub-Total	Total						
Category	Work Item Description	Cost		Cost	E	stimate	Estimate	5	Series 1	. :	Series 2	S	Series 3
Site Work 1	Playground Improvements - replace play surfaces & play structures Replace asphalt parking lots - includes concrete sidewalks		\$	110,000 165,208						\$	165,208		
3	Replace parking lot lighting and poles with LED		\$	115,500						\$	115,500		
New Constru	<u>uction</u>	Subtotal			\$	390,708		\$	-	\$	390,708	\$	-
		Subtotal			\$	-		\$	-	\$	-	\$	-
Remodeling exte	<u>erior</u>												
<u>inte</u> 1	<u>rior</u> Replace doors and frames Replace Classroom window coverings		\$	82,500 22,440						\$	22,440	\$	82,500
<u>me</u> e 1 2 3 4	Chanical Replace classroom unit ventilator to provide A/C Replace rooftop unit to provide AC (6 ton unit) Replace rooftop units to provide A/C (15 ton unit) Replace H&V Unit (10,000 cfm unit)		\$ \$ \$	396,000 62,700 37,950 43,120				\$ \$ \$	396,000 62,700 37,950 43,120				
<u>elec</u> 1	ctrical Replace Wall Mounted exterior lighting to LED		\$	16,500								\$	16,500
Taskaslası		Subtotal			\$	661,210		\$	539,770	\$	22,440	\$	99,000
Technology 1	None	Subtotal	\$	-	\$	-		\$	-	\$ \$	-	\$	-
Funishings/E	<u>-coupment</u> Technology Infrastructure & Equipment	Subtotal	\$	10,000	\$	10,000		\$	-	\$ \$	10,000 10,000	\$	-
Total Site/C	onstruction/Remodeling/Technology/Equipment Cos	sts			Su	b-Total	\$ 1,061,918						
					A/E	ntingency Fees I Fees	Subtotal	\$ \$ \$	73,757 42,947 39,879 156,583	\$ \$ \$	56,455 32,872 30,524 119,851		13,528 7,877 7,314 28,719
							\$ 1,367,071	\$	696,353		542,999	·	127,719

Building Utilization

Lakeville Elementary

Project No. [3]

Current Grade Structure K-5
Proposed Grade Structure K-5

- 1. List the number of teaching station in appropriate column.
- 2. Calculate total capacity using the applicable capacity factor.
- 3. Enter five (5) year projected enrollment.
- 4. Calculate building utilization rate.
- 5. Attach floor plan of the building. Show the rooms and category (existing, proposed new, closed).
- 6. Number the teaching stations in consecutive order.

	List # of Teaching	Capacity	
Existing	Stations	Factor	Capacity
(K-2) Lower Elementary	9	20	180
(3-5) Upper Elementary	14	25	350
(6-8) Junior High		22.5	0
(9-12) High School		21.25	0
Subtotal	23		530
	List # of	Capacity	
Proposed New	Teaching Stations	Factor	Capacity
(K-2) Lower Elementary		20	0
(3-5) Upper Elementary		25	0
(6-8) Junior High		22.5	0
(6-8) Junior High (9-12) High School		22.5 21.25	0
,	0		

Facility to be Closed	List # of Teaching Stations	Teaching Capacity					
(K-2) Lower Elementary	0	20	0				
(3-5) Upper Elementary		25					
(6-8) Junior High		22.5	0				
(9-12) High School		21.25	0				
Total	0		0				

Projected 5-Year Enrollment 355

Utilization Percentage 67%

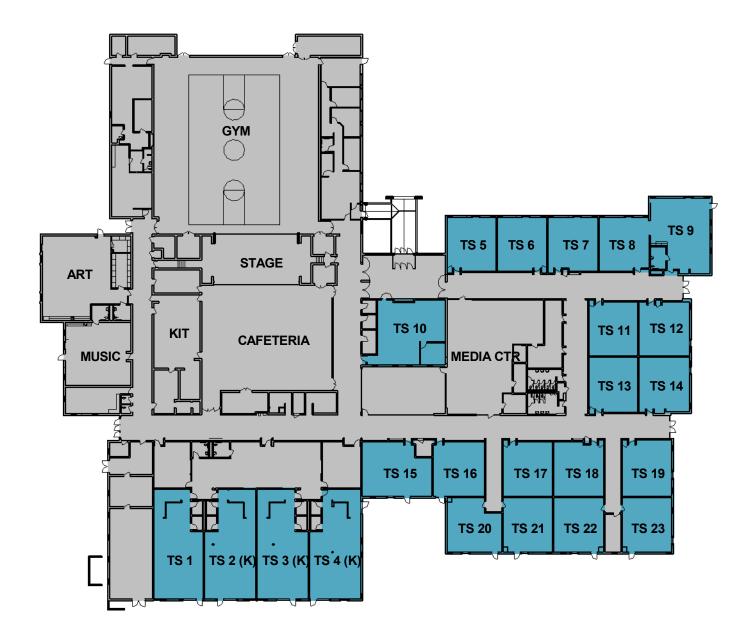
(Projected 5-Year Enrollment / Total Capacity)

Please transfer applicable information to the Utilization Summary on Page 6 of the application.











North



Teaching Station Counts

Classroom

20

Kindergarten

3

Grand total: 23





Project Sheet

Charles E Lewis, AIA NCARB

Printed Name

Description of Proposal/Series 2 Description of Proposal/Series 3 Build Buil	cment ing renovations, Bi ing renovations an	•	edge switches & equi	niture and equipmen
Description of Proposal/Series 2 Description of Proposal/Series 3 Build Buil	cment ing renovations, Bi ing renovations an	uilding infrastructure	edge switches & equi	
Description of Proposal/Series 3 Instructional Technology Description Site Work Description Repl Construction Cost Per Square F	ing renovations an			oment
Instructional Technology Description None Site Work Description Repl Construction Cost Per Square F	;	nd Electrical system U	lpgrades	
Site Work Description Repl Construction Cost Per Square F				
Construction Cost Per Square F	ace parking lot pav			
-		ving, sidewalks, exteri	or lighting and playgro	ound renovations
New Construction Square Ft New Addition Square Ft. Statement describing any existing envi		Cost per Sq Ft Cost per Sq Ft	nronosed project wi	
asbestos, energy use, or ADA requirem		ionity problemo the	propossa projest m	ii aaai ooo. (ox.
The building renovations, and exterior efficient systems and installation of LE	• • •	ents will reduce over	all energy consumptio	ns by replacing less
Estimated Cost of Proposed Co		•		
	oposal/Series 1	Proposal/Series 2	Proposal/Series 3	
Column1 Pr	0	^	· ·	Total
Column1 Pr New Construction	0	0		0
Column1 Pr New Construction Remodeling	803,000	0	129,36	0 9 32,36
Column1 Pr New Construction Remodeling Construction Contingencies	803,000 127,624	0 24,390	129,36 18,08	932,36 3 170,09
New Construction Remodeling Construction Contingencies Instructional Technology	803,000 127,624 0	0 24,390 0	129,36 18,08	932,36 3 170,09
New Construction Remodeling Construction Contingencies Instructional Technology Loose Furnishing/Equipment	803,000 127,624 0 19,800	0 24,390 0 10,000	129,36 18,08	0 932,36 3 170,09 0 29,80
Column Pr New Construction Remodeling Construction Contingencies Instructional Technology Loose Furnishing/Equipment Buses	803,000 127,624 0 19,800	0 24,390 0 10,000 0	129,36 18,08	0 932,36 3 170,09 0 29,80
New Construction Remodeling Construction Contingencies Instructional Technology Loose Furnishing/Equipment Buses Site Work	803,000 127,624 0 19,800	0 24,390 0 10,000 0 174,479	129,36 18,08	0 932,36 3 170,09 0 29,80 0 284,47
New Construction Remodeling Construction Contingencies Instructional Technology Loose Furnishing/Equipment Buses Site Work Site Acquisition	803,000 127,624 0 19,800 0 110,000	0 24,390 0 10,000 0 174,479	129,36	0 932,36 3 170,09 0 29,80 0 284,47
New Construction Remodeling Construction Contingencies Instructional Technology Loose Furnishing/Equipment Buses Site Work	803,000 127,624 0 19,800 0 110,000	0 24,390 0 10,000 0 174,479	129,36 18,08 18,08	0 932,36 3 170,09 0 29,80 0 284,47 0 97,08

clewis@ids-troy.com E-mail Address

248.823.2126

Phone Number

Oxford Community Schools

4. Leonard Elementary School

Category	Work Item Description	Units/s.f. Cost	F	Projected Cost		ub-Total stimate	Total Estimate		Series 1		Series 2		Series 3
Site Work	Playground Improvements - replace play surfaces & play structures Replace asphalt parking lots, drives and sidewalks Replace parking lot lighting and poles with LED		\$ \$ \$	110,000 128,279 46,200				\$		\$	128,279 46,200		
N O	Ann At - II.	Subtotal			\$	284,479		\$	110,000	\$	174,479	\$	-
New Cons	No new construction	Subtotal			\$	-		\$	-	\$	-	\$	-
Remodelin													
<u>e.</u>	<u>xterior</u> Replace doors and frames		\$	82,500								\$	82,500
	terior Replace Classroom window coverings		\$	30,360				\$	-			\$	30,360
2	Replace building HVAC controls for classroom unit ventilators and AHU's Replace classroom unit ventilator to provide A/C Replace rooftop unit to provide AC (7.5 ton unit)		\$ \$ \$	185,900 429,000 188,100				\$ \$ \$	185,900 429,000 188,100				
_	lectrical Replace Wall Mounted exterior lighting to LED		\$	16,500								\$	16,500
Technolog	Y	Subtotal			\$	932,360		\$	803,000	\$	-	\$	129,360
	I None	Subtotal	\$	-	\$	-		\$	-	\$ \$	-	\$	-
	s/ <u>Equipment</u> I Replace cafeteria tables Technology Infrastructure & Equipment	Subtotal	\$ \$	19,800 10,000	\$	29,800		\$	19,800 19,800	\$ \$	10,000 10,000	¢	
		Subtotal			Ψ	23,000		Ψ	13,000	Ψ	10,000	Ψ	-
Total Site	/Construction/Remodeling/Technology/Equipment Co	osts			Su	b-Total	\$ 1,246,639						
					A/E	ntingency Fees Fees		\$ \$	127,624 72,844 67,641	\$ \$	24,390 13,921 12,926	\$	18,083 10,321 9,584
							Subtotal	\$	268,108	\$	51,237	\$	37,987
							\$ 1,603,972	\$	1,200,908	\$	235,716	\$	167,347

Building Utilization

Leonard Elementary Project No. [4]

Current Grade Structure K-5
Proposed Grade Structure K-5

L

- 1. List the number of teaching station in appropriate column.
- 2. Calculate total capacity using the applicable capacity factor.
- 3. Enter five (5) year projected enrollment.
- 4. Calculate building utilization rate.
- 5. Attach floor plan of the building. Show the rooms and category (existing, proposed new, closed).
- 6. Number the teaching stations in consecutive order.

Post of the se	List # of Teaching	Capacity	
Existing	Stations	Factor	Capacity
(K-2) Lower Elementary	7	20	140
(3-5) Upper Elementary	11	25	275
(6-8) Junior High		22.5	0
(9-12) High School		21.25	0
Subtotal	18		415
Proposed New	List # of Teaching Stations	Capacity Factor	Capacity
(K-2) Lower Elementary	-	20	0
(3-5) Upper Elementary		25	0
(6-8) Junior High		22.5	0
(9-12) High School		21.25	0
Subtotal	0		0
Total	18	·	415

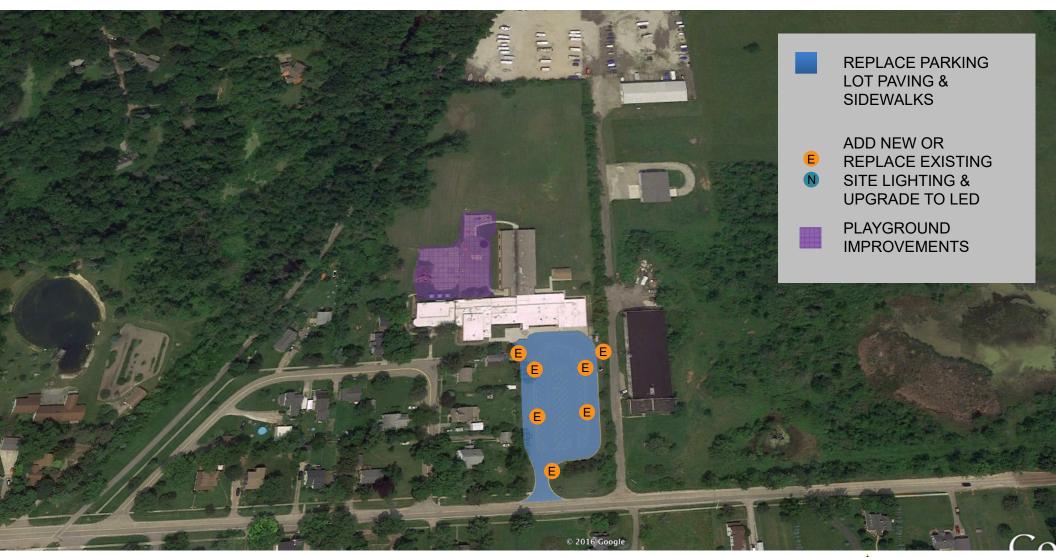
Facility to be Closed	List # of Teaching Stations	Teaching Capacity				
(K-2) Lower Elementary	0	20	0			
(3-5) Upper Elementary		25	0			
(6-8) Junior High		22.5	0			
(9-12) High School		21.25	0			
Total	0		0			

Projected 5-Year Enrollment 256

Utilization Percentage 62%

(Projected 5-Year Enrollment / Total Capacity)

Please transfer applicable information to the Utilization Summary on Page 6 of the application.













Project Sheet

0. f. ad 51			B : (1) FE						
Oxford Elementary School			Project No. [5]						
Description of Proposal/Series 1	Building renovations, N	Mechanical and Electric	al system Upgrades						
Description of Proposal/Series 2	Flectrical system Unar	ades, Building infrastru	icture edge switches 8	2 equipment					
Description of Proposal/Series 2	Liectrical system opgi	ades, building initiastic	iciale eage switches o	x equipment					
Description of Proposal/Series 3	Building renovations a	nd Electrical system Uր	ogrades						
Instructional Technology Description	n None								
Site Work Description	Replace parking lot pa	ving, sidewalks, exterio	or lighting and playgro	und renovations					
Construction Cost Per Squ	uare Foot								
New Construction Square Ft		Cost per Sq Ft							
New Addition Square Ft.		Cost per Sq Ft							
The building renovations, and exterior lighting improvements will reduce overall energy consumptions by replacing less efficient systems and installation of LED site lighting. Estimated Cost of Proposed Construction Project									
Column1	Proposal/Series 1	Proposal/Series 2	Proposal/Series 3	Total					
New Construction	0	0	0	0					
Remodeling	491,700	396,000	114,840	1,002,540					
Construction Contingencies	68,082	70,062	77,594	215,738					
Instructional Technology	0	0	0	0					
Loose Furnishing/Equipment	0	10,000	0	10,000					
Buses	0	0	0	0					
Site Work	0	110,000	445,556	555,556					
Site Acquisition	0	0	0	0					
Architectural Fees and Costs	39,185	40,324	44,659						
CM Fees and Costs Estimated Costs	36,386 635,353	37,444 663,830	41,469 724,118	115,299 2.023.301					
I certify that I have assessed the coand the attached detail relative to t	onditions relative to this f he construction project(s	s) are true and correct t	f the proposed project o the best of my know	ledge and belief. utions, LLC 130105379					
Charles E Lewis, AIA NCARB		clewis@ids-troy.co	om	248.823.2126					
Printed Name		E-mail Address		Phone Number					

5. Oxford Elementary School

Category	Work Item Description	Units/s.f. Cost	F	Projected Cost		ub-Total stimate	Total Estimate	;	Series 1	,	Series 2	9	Series 3
Site Work 1 2 3 4 5	Playground Improvements - replace play surfaces & play structures Replace parking lot lighting to LED Replace asphalt parking lots, drives and sidewalks Pre-K area of site: Replace asphalt parking lots, drives and sidewalks Replace asphalt parking lots, drives and sidewalks (SERVICE BLDG. AREA)		\$ \$ \$ \$	110,000 92,400 168,860 96,316 87,980						\$	110,000	\$ \$ \$	92,400 168,860 96,316 87,980
New Constru Remodeling ext	No new construction	Subtotal Subtotal			\$	555,556		\$		\$	110,000	\$	445,556
<u>inte</u> 1	erior Replace Classroom window coverings Replace Exterior and Interior doors and frames		\$	15,840 82,500								\$	15,840 82,500
<u>me</u> 1 2 3	chanical Replace classroom unit ventilator to provide A/C Replace rooftop unit to provide AC (4 ton unit) Replace rooftop unit to provide AC (30 ton unit)		\$ \$ \$	363,000 62,700 66,000				\$ \$ \$	363,000 62,700 66,000				
<u>ele</u> 1 2	<u>ctrical</u> Replace existing fire alarm system Replace Wall Mounted exterior lighting to LED		\$	396,000 16,500						\$	396,000	\$	16,500
<u>Technology</u>		Subtotal			\$1	,002,540		\$	491,700	\$	396,000	\$	114,840
1 Funishings/E	None	Subtotal	\$	-	\$	-		\$	-	\$ \$	-	\$	-
1	Technology Infrastructure & Equipment	Subtotal	\$	10,000	\$	10,000		\$ \$	-	\$ \$	10,000 10,000	\$ \$	-
Total Site/C	Construction/Remodeling/Technology/Equipment Co	sts			Sub	-Total	\$ 1,568,096						
					A/E	tingency Fees Fees	Subtotal	\$ \$ \$	68,082 39,185 36,386 143,653	\$ \$ \$	70,062 40,324 37,444 147,830	\$ \$ \$	77,594 44,659 41,469 163,722
							\$ 2,023,301	\$	635,353	\$	663,830	\$	724,118

Building Utilization

Oxford Elementary

Project No. [5]

Current Grade Structure 3-5
Proposed Grade Structure 3-5

- 1. List the number of teaching station in appropriate column.
- 2. Calculate total capacity using the applicable capacity factor.
- 3. Enter five (5) year projected enrollment.
- 4. Calculate building utilization rate.
- 5. Attach floor plan of the building. Show the rooms and category (existing, proposed new, closed).
- 6. Number the teaching stations in consecutive order.

Existing	List # of Teaching Stations	Capacity Factor	Capacity
(K-2) Lower Elementary	Ottationo	20	0
(3-5) Upper Elementary	19	25	475
(6-8) Junior High		22.5	0
(9-12) High School		21.25	0
Subtotal	19		475
Proposed New	List # of Teaching	Capacity	
	Stations	Factor	Capacity
(K-2) Lower Elementary	Stations	Factor 20	Capacity 0
•	Stations		
(K-2) Lower Elementary	Stations	20	0
(K-2) Lower Elementary (3-5) Upper Elementary	Stations	20	0
(K-2) Lower Elementary (3-5) Upper Elementary (6-8) Junior High	Stations	20 25 22.5	0 0 0

Facility to be Closed	List # of Teaching Stations	Capacity Factor	Capacity
(K-2) Lower Elementary	0	20	0
(3-5) Upper Elementary		25	0
(6-8) Junior High		22.5	0
(9-12) High School		21.25	0
Total	0		0

Projected 5-Year Enrollment 402

Utilization Percentage 85%

(Projected 5-Year Enrollment / Total Capacity)

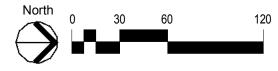
Please transfer applicable information to the Utilization Summary on Page 6 of the application.





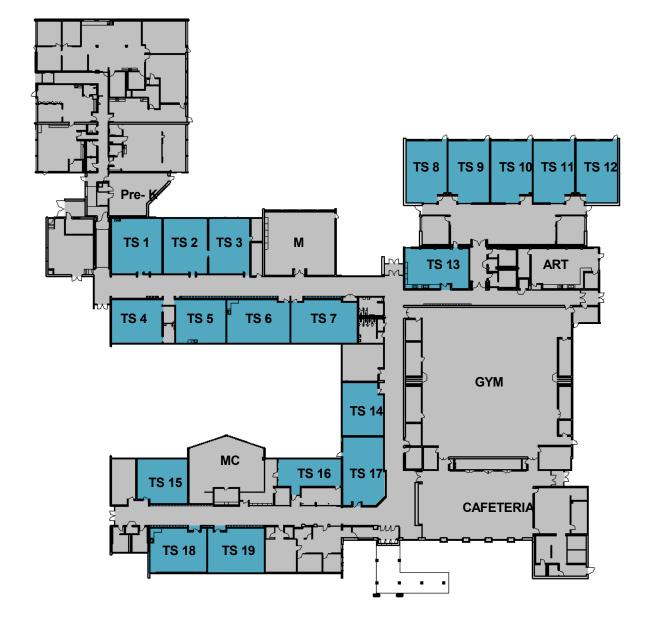






Teaching Station Counts

Classrooms: 19







Printed Name

Project Sheet

Oxford Middle School			Duele of No. ICI			
	Project No. [6]					
Description of Proposal/Series 1	None					
Description of Proposal/Series 2	Building renovations. M	echanical and Electric	al systems upgrades, Bu	uilding infrastructure		
1	edge switches & equipn		,	J		
Description of Proposal/Series 3	Building renovations					
Instructional Technology Description	on None					
Site Work Description	Replace parking lot pav	ring, sidewalks and ext	terior lighting			
Construction Cost Per Squ New Construction Square Ft	uare Foot	Cost per Sq Ft				
New Addition Square Ft.		Cost per Sq Ft				
Statement describing any existing	_	bility problems the p	roposed project will ac	ddress. (ex:		
asbestos, energy use, or ADA re	-	anta will raduae averal	Il anaray aanay matiana k	by replacing less		
The building renovations, and e		ents will reduce overal	ii energy consumptions t	by replacing less		
efficient systems and installation	on of LED site lighting					
efficient systems and installation	on of LED site lighting.					
efficient systems and installatio	on of LED site lighting.					
		pinet				
Estimated Cost of Propose	ed Construction Pro	•	Proposal/Series 3	Total		
		Dject Proposal/Series 2	Proposal/Series 3			
Estimated Cost of Propose Column New Construction	ed Construction Pro	Proposal/Series 2	•			
Estimated Cost of Propose Column New Construction Remodeling	ed Construction Pro	Proposal/Series 2	0	3,084,95		
Estimated Cost of Propose Column1 New Construction Remodeling Construction Contingencies	ed Construction Pro	Proposal/Series 2 0 2,949,650	135,300			
Estimated Cost of Propose Column1 New Construction Remodeling Construction Contingencies Instructional Technology	Proposal/Series 1 0 0	Proposal/Series 2 0 2,949,650 506,217 0	0 135,300 55,866	3,084,956 562,083		
Estimated Cost of Propose	ed Construction Proposal/Series 1 0 0 0 0	Proposal/Series 2 0 2,949,650 506,217	0 135,300 55,866 0	3,084,956 562,08		
Estimated Cost of Propose Column New Construction Remodeling Construction Contingencies Instructional Technology Loose Furnishing/Equipment	Proposal/Series 1 0 0 0 0 0	Proposal/Series 2 0 2,949,650 506,217 0 10,000 0	0 135,300 55,866 0 0	3,084,956 562,083 10,000		
Estimated Cost of Propose Column1 New Construction Remodeling Construction Contingencies Instructional Technology Loose Furnishing/Equipment Buses Site Work	Proposal/Series 1 0 0 0 0 0 0	Proposal/Series 2 0 2,949,650 506,217 0 10,000	0 135,300 55,866 0	3,084,95(562,083 (10,000		
Estimated Cost of Propose Column New Construction Remodeling Construction Contingencies Instructional Technology Loose Furnishing/Equipment Buses Site Work Site Acquisition	Proposal/Series 1 O O O O O O O O O O O O O	Proposal/Series 2 0 2,949,650 506,217 0 10,000 0 2,112,519 0	0 135,300 55,866 0 0 0 423,360	3,084,956 562,083 10,000 2,535,886		
Estimated Cost of Propose Column1 New Construction Remodeling Construction Contingencies Instructional Technology Loose Furnishing/Equipment Buses Site Work	ed Construction Proposal/Series 1 O O O O O O O O O O O O O O O O O O	Proposal/Series 2 0 2,949,650 506,217 0 10,000 0 2,112,519	0 135,300 55,866 0 0 0 423,360	3,084,956 562,083 10,000 2,535,886		

E-mail Address

Phone Number

6. Oxford Middle School

Category	Work Item Description	Units/s.f. Cost	Proje Co		Sub-Total Estimate	Total Estimate	Series 1		Series 2	;	Series 3
Site Work 1 2	Replace asphalt parking lots, drives and sidewalks Replace parking lot lighting to LED Replace asphalt parking lots, drives and sidewalks		\$ 1,68° \$ 340	7,638 6,500					1,687,638 346,500		
3	(WILDCAT DRIVE)		\$ 50	1,742				\$	78,382	\$	423,360
New Constru	<u>uction</u>	Subtotal			\$ 2,535,880		\$ -	\$:	2,112,519	\$	423,360
		Subtotal			\$ -		\$ -	\$	-	\$	-
Remodeling	erior										
<u>exte</u>	Replace doors and frames		\$ 83	2,500						\$	82,500
inte 1	erior Replace Classroom window coverings		\$ 52	2,800						\$	52,800
<u>mer</u> 1 2	<u>chanical</u> Replace domestic water boiler Replace sanitary and heating piping throughout Replace building HVAC controls			5,000 7,000 9,650				\$	165,000 187,000 1,189,650		
<u>elec</u> 1 2	ctrical Replace existing fire alarm system Replace Wall Mounted exterior lighting to LED		\$ 1,380 \$ 22	6,000 2,000				\$	1,386,000 22,000		
		Subtotal			\$ 3,084,950		\$ -	\$	2,949,650	\$	135,300
Technology 1	None	Subtotal	\$	-	\$ -		\$ - \$ -	\$ \$	-	\$ \$	-
Funishings/E 1	<u>Equipment</u> Technology Infrastructure & Equipment	Subtotal	\$ 10	0,000	\$ 10,000		\$ - \$ -	\$ \$	10,000 10,000	\$	-
Total Site/C	onstruction/Remodeling/Technology/Equipment Co	osts			Sub-Total	\$ 5,630,830					
					Contingency A/E Fees CM Fees	Subtotal	\$ - \$ - \$ -	\$	506,217 389,787 361,945 1,257,949		55,866 43,017 39,944 138,827
						\$ 7,027,606	\$ -		6,330,119		697,487

Building Utilization

Oxford Middle School

Project No. [6]

Current Grade Structure 6-8
Proposed Grade Structure 6-8

- 1. List the number of teaching station in appropriate column.
- 2. Calculate total capacity using the applicable capacity factor.
- 3. Enter five (5) year projected enrollment.
- 4. Calculate building utilization rate.
- 5. Attach floor plan of the building. Show the rooms and category (existing, proposed new, closed).
- 6. Number the teaching stations in consecutive order.

Fylatina	List # of Teaching	Capacity	
Existing	Stations	Factor	Capacity
(K-2) Lower Elementary		20	
(3-5) Upper Elementary		25	0
(6-8) Junior High	60	22.5	1,350
(9-12) High School		21.25	0
Subtotal	60		1,350
Proposed New	List # of Teaching Stations	Capacity Factor	Capacity
(K-2) Lower Elementary		20	0
(3-5) Upper Elementary		25	0
(6.0) lumiar High		22.5	0
(6-8) Junior High		22.5	U
(9-12) High School		21.25	0
	0		-

Facility to be Closed	List # of Teaching Stations	Capacity Factor	Capacity
(K-2) Lower Elementary	0	20	0
(3-5) Upper Elementary		25	0
(6-8) Junior High		22.5	0
(9-12) High School		21.25	0
Total	0		0

Projected 5-Year Enrollment 929

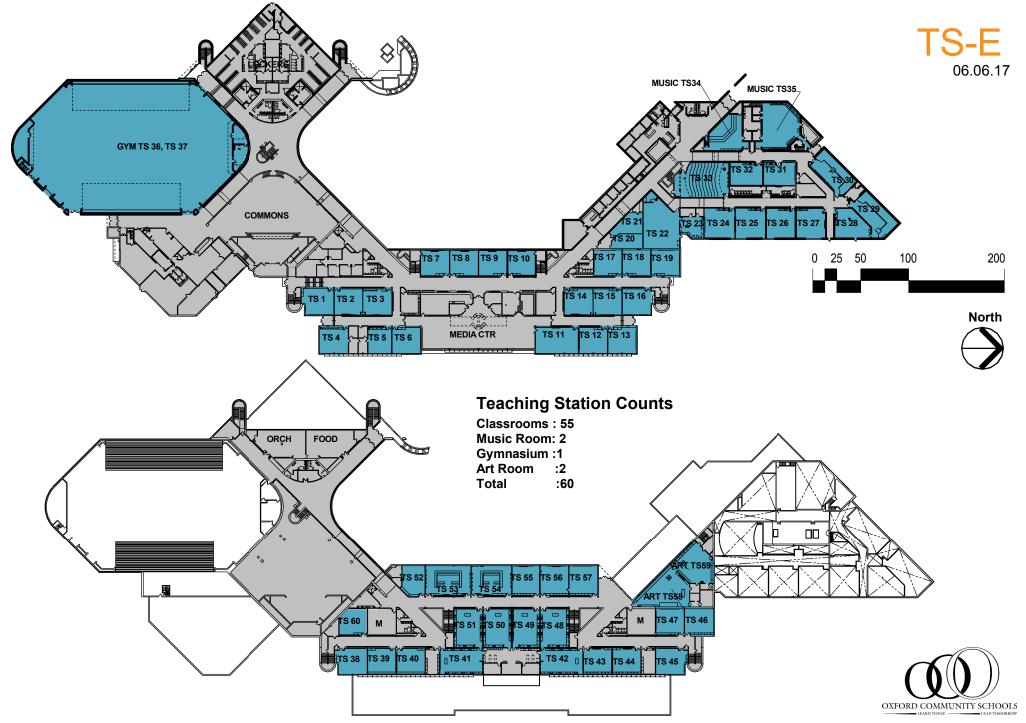
Utilization Percentage 69%

(Projected 5-Year Enrollment / Total Capacity)

Please transfer applicable information to the Utilization Summary on Page 6 of the application.







OXFORD MIDDLE SCHOOL TEACHING STATION PLAN - EXISTING



Project Sheet

Oxford High School			Project No. [7]	
Description of Proposal/Series 1	Building renovations,	Mechanical and Electric	cal systems upgrades	
Description of Proposal/Series 2	Building infrastructure	edge switches & equip	ment	
Description of Proposal/Series 3	Building renovations,	Mechanical and Electric	cal systems upgrades	
Instructional Technology Description	None			
0" 11 5				
Site Work Description	Replace parking lot pa	aving, sidewalks and ex	terior lighting	
Construction Cost Per Squ New Construction Square Ft New Addition Square Ft.	are Foot	Cost per Sq Ft Cost per Sq Ft		
Statement describing any existing asbestos, energy use, or ADA req		sability problems the p	proposed project will	address. (ex:
The building renovations, and exertiseint systems and installation	xterior lighting improver	ments will reduce overa	II energy consumption	s by replacing less
·				
Estimated Cost of Propose	d Construction P	roject		
Column1	Proposal/Series 1	Proposal/Series 2	Proposal/Series 3	Total
New Construction	0	0	0	(
Remodeling	3,603,600	0	808,060	4,411,660
Construction Contingencies	360,360	0	460,355	820,71
Instructional Technology	0	0	0	
Loose Furnishing/Equipment	0	30,000	0	30,000
Buses	0		0	
Site Work	0	0	3,795,485	3,795,48
Site Acquisition	0	-	0,100,100	(
Architectural Fees and Costs	277,477		382,124	659,60
CM Fees and Costs	257,657		329,153	586,810
Estimated Costs	4,499,094		5,775,177	10,304,27
I certify that I have assessed the co and the attached detail relative to th	nditions relative to this		of the proposed project	
			Integrated Design Col	utiono 11 C 4204050
Signature			Integrated Design Solution Firm Name and License Nur	
Charles E Louis ALA NCADD		clowic@ida trov or	am.	240 022 2422
Charles E Lewis, AIA NCARB Printed Name		clewis@ids-troy.co	<u> </u>	248.823.2126 Phone Number

Oxford Community Schools

7. Oxford High School

Category	Work Item Description	Units/s.f. Cost		Projected Cost		Sub-Total Estimate	To	tal Estimate		Series 1	S	Series 2		Series 3
Site Work 1 2	Replace asphalt parking lots, drives and sidewalks Replace parking lot lighting to LED		\$	3,448,985 346,500									\$	3,448,985 346,500
New Constr	<u>uction</u>	Subtotal			\$	3,795,485			\$	-	\$	-	\$	3,795,485
		Subtotal			\$	-			\$	-	\$	-	\$	-
Remodeling extends 1 2 3	L erior Replace exterior finish system Skylight replacement Replace roofing		\$ \$ \$	137,500 33,000 2,310,000					\$	2,310,000			\$	137,500 33,000
1 2 3	Replace pool interior finish Replace carpet in 300, 400 and 500 corridors Replace Classroom window coverings		\$ \$ \$	137,500 277,200 76,560					\$	277,200			\$	137,500 76,560
4 5	Replace corridor VCT with LVT Replace doors and frames		\$ \$	246,400 82,500					\$	246,400			\$	82,500
<u>me</u> 1 2	<u>chanical</u> Replace AHU #1 that supplies 300, 400 and 500 Replace pool area AHU		\$	770,000 297,000					\$	770,000			\$	297,000
<u>elec</u> 1	<u>ctrical</u> Replace Wall Mounted exterior lighting to LED		\$	44,000									\$	44,000
Technology		Subtotal			\$	4,411,660			\$	3,603,600	\$	-	\$	808,060
1		Subtotal	\$	-	\$	=			\$	-	\$ \$	-	\$	-
Funishings/I	<u>Equipment</u> Technology Infrastructure & Equipment	Subtotal	\$	30,000	\$	30,000			\$ \$	-	\$ \$		\$ \$	-
Total Site/C	Construction/Remodeling/Technology/Equipment Co	ost			Sul	o-Total	\$	8,237,145						
					A/E	ntingency Fees Fees	Su	btotal	\$ \$ \$	360,360 277,477 257,657 895,495	\$ \$ \$	<u>-</u>	\$ \$ \$	460,355 382,124 329,153 1,171,632
							\$	10,304,272	\$	4,499,095	\$	30,000	\$	5,775,177

Building Utilization

Oxford High School

Project No. [7]

Current Grade Structure 9-12
Proposed Grade Structure 9-12

- 1. List the number of teaching station in appropriate column.
- 2. Calculate total capacity using the applicable capacity factor.
- 3. Enter five (5) year projected enrollment.
- 4. Calculate building utilization rate.
- 5. Attach floor plan of the building. Show the rooms and category (existing, proposed new, closed).
- 6. Number the teaching stations in consecutive order.

Existing	List # of Teaching Stations	Capacity Factor	Capacity
(K-2) Lower Elementary		20	0
(3-5) Upper Elementary		25	0
(6-8) Junior High		22.5	0
(9-12) High School	91.00	21.25	1,934
Subtotal	91		1,934
	List # of		
Proposed New	Teaching Stations	Capacity Factor	Capacity
Proposed New (K-2) Lower Elementary	Teaching		Capacity 0
<u> </u>	Teaching	Factor	-
(K-2) Lower Elementary	Teaching	Factor 20	0
(K-2) Lower Elementary (3-5) Upper Elementary	Teaching	20 25	0
(K-2) Lower Elementary (3-5) Upper Elementary (6-8) Junior High	Teaching	20 25 22.5	0 0 0

Facility to be Closed	List # of Teaching Stations	Teaching Capacity			
(K-2) Lower Elementary	0	20	0		
(3-5) Upper Elementary		25	0		
(6-8) Junior High		22.5	0		
(9-12) High School		21.25	0		
Total	0		0		

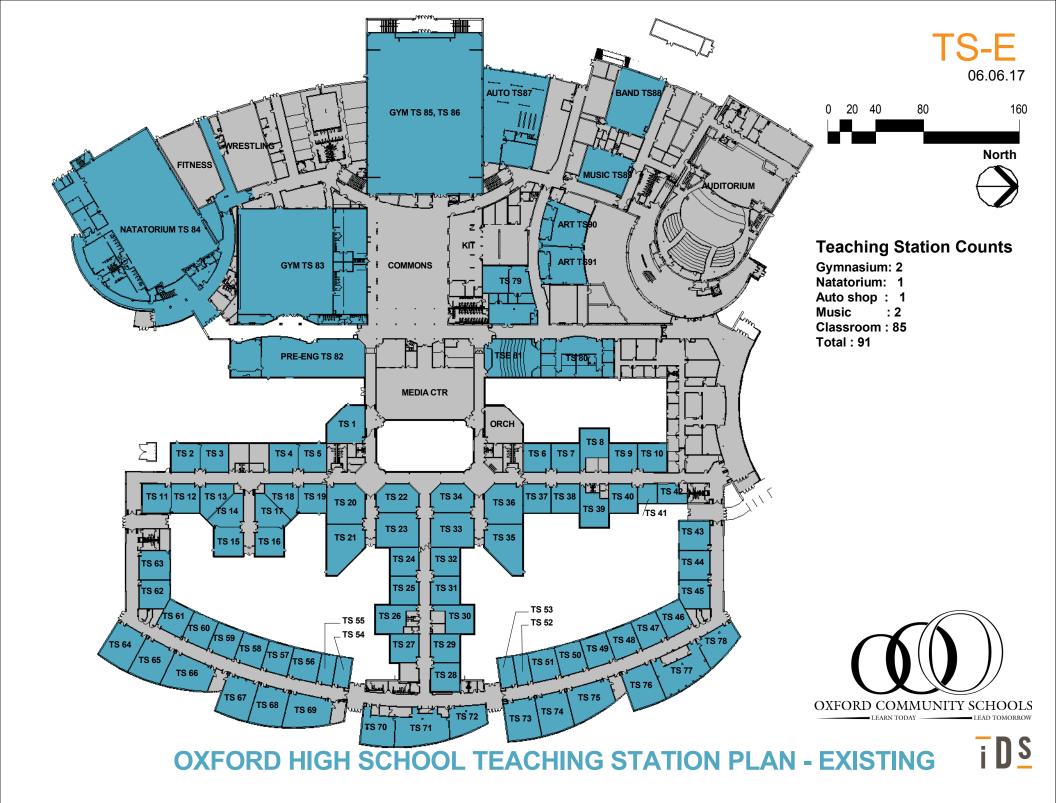
Projected 5-Year Enrollment 1834

Utilization Percentage 95%

(Projected 5-Year Enrollment / Total Capacity)

Please transfer applicable information to the Utilization Summary on Page 6 of the application.





Project Sheet

Oxford Transportation Buildin	ıg		Project No. [8]	
Description of Proposal/Series 1	New busses			
Description of Proposal/Series 2	New busses, Building	infrastructure edge swi	tches & equipment	
Description of Proposal/Series 3	Building renovations, N	Mechanical and Electric	al systems upgrades, n	ew busses
Instructional Technology Description	None			
Site Work Description	Replace parking lot pa	ving, sidewalks and ex	terior lighting	
Construction Cost Per Squa	are Foot			
New Construction Square Ft		Cost per Sq Ft		
New Addition Square Ft.		Cost per Sq Ft		
Estimated Cost of Propose	d Construction Pr	oject		
Column1	Proposal/Series 1	Proposal/Series 2	Proposal/Series 3	Total
New Construction	0	0	0	
Remodeling	0	0	348,700	348,70
Construction Contingencies	0	0	57,836	57,836
Instructional Technology	0	0	0	
Loose Furnishing/Equipment	0	10,000	0	10,000
Buses	95,764	904,236	500,000	1,500,000
Site Work	0	0	99,699	99,69
Site Acquisition	0	0	0	
Architectural Fees and Costs	0	0	35,437	35,437
CM Fees and Costs	0.5.754	014.226	32,905	32,90
Estimated Costs	95,764	914,236	1,074,577	2,084,577
I certify that I have assessed the cor and the attached detail relative to th	nditions relative to this f		f the proposed project(s	
and the attached detail relative to the	e construction project(s	, are true and correct t	o the best of my knowle	rage and belief.
			Integrated Design Solu	
Signature		Date I	Firm Name and License Numl	per
Charles E Lewis, AIA NCARB		clewis@ids-troy.cc	om 2	248.823.2126
Printed Name		E-mail Address		Phone Number

Oxford Community Schools

8. Transportation

3

3

Category	Work Item Description	Units/s.f. Cost	F	Projected Cost		Sub-Total Estimate	То	tal Estimate	S	eries 1		Series 2		Series 3
Site Work 1 2	Replace asphalt parking lots, drives and sidewalks Replace existing fencing		\$	55,699 44,000									\$	55,699 44,000
New Constr	<u>uction</u>	Subtotal			\$	99,699			\$	-	\$	-	\$	99,699
		Subtotal			\$	-			\$	-	\$	=	\$	-
1	<u>erior</u>		\$	99,000 249,700									\$	99,000 249,700
<u>me</u> 1 2	chanical .													
<u>ele</u> 1	ctrical													
Technology		Subtotal			\$	348,700			\$	-	\$	-	\$	348,700
1 Funishings/l	None	Subtotal	\$	-	\$	-			\$	-	\$ \$	-	\$	-
	Technology Infrastructure & Equipment	Subtotal	\$	10,000	\$	10,000			\$ \$	-	\$ \$	10,000 10,000	\$ \$	-
Buses 1	Buses		\$	1,500,000					\$	95,764	\$	904,236	\$	500,000
		Subtotal			\$	1,500,000			\$	95,764	\$	904,236	\$	500,000
Total Site/C	Construction/Remodeling/Technology/Equipment C	Costs			Sub	o-Total	\$	1,958,399						
					A/E	ntingency Fees Fees			\$ \$	- - -	\$ \$	- - -	\$ \$	57,836 35,437 32,905
							Sul	btotal	\$	-	\$	-	\$	126,178
							\$	2,084,578	\$	95,764	\$	914,236	\$	1,074,578

Utilization Summary

Oxford Community Schools 63110

List ALL district facilities in the following order: elementary schools, junior high/middle schools, high schools, and non-instructional facilities.

Proj. No.	Name of School Facility	Current Grade Structure	Proposed Grade Structure	Projected 5-Year Enrollment	Existing Pupil Capacity	New Pupil Capacity	Total Pupil Capacity	Utilization %	Closed Pupil Capacity
1	Daniel Axford Elementary	K-2	K-2	409			420	97%	
2	Clearlake Elementary	K-5	K-5	472	565		565	84%	
3	Lakeville Elementary	K-5	K-5	355	530		530	67%	
4	Leonard Elementary	K-5	K-5	256	415		415	62%	
5	Oxford Elementary	3-5	3-5	402	475		475	85%	
6	Oxford Middle School	6-8	6-8	929	1350		1,350	69%	
7	Oxford High School	9-12	9-12	1834	1934		1,934	95%	
8	Transportation								
Γotal				4,657	5689	0	5,689	82%	

Subtotals by School District's Grade Configuration

	Current Grade	Proposed Grade	Projected 5-Year	Existing Pupil	New Pupil	Total Pupil		Closed Pupil
Configuration	Structure	Structure	Enrollment	Capacity	Capacity	Capacity	Utilization %	Capacity
Elementary School	K-5	K-5	1894	2405		2405	127%	
Junior High/Middle School	6-8	6-8	929	1350		1350	145%	
High School	9-12	9-12	1834	1934		1933.75	105%	
Total			4657	5689	0	5689	82%	

Facility Summary

Oxford Community Schools 63110

List ALL district facilities in the following order: elementary schools, junior high/middle schools, high schools, and non-instructional facilities.

	1	2	3	4	5	6	7	8	9	10	11
	Facility Type*	Name of School Facility	Address	City	Year Built	1	Total Sq.Ft.	New Site	Bldg In	Sq Ft of	Disposition of
Proj. No.						Remodeled		(Acres)	Use? Y/N	Closed Facility	Closed Facility**
1	Instructional	Daniel Axford Elementary	74 Mechanic Street	Oxford	1926	1998,2010	49,119	0.0	Yes	0	
2	Instructional	Clearlake Elementary	2085 W. Drahner Road	Oxford	1957	1998,2010	56,339	0.0	Yes	0	
3	Instructional	Lakeville Elementary	1400 Lakeville Road	Oxford	1969	1997,2010	67,164	0.0	Yes	0	
4	Instructional	Leonard Elementary	335 E. Elmwood	Leonard	1934	1957, 2002,2010	32,666	0.0	Yes	0	
5	Instructional	Oxford Elementary	109 Pontiac Street	Oxford	1957	1995, 1997,2010	60,230	0.0	Yes	0	
6	Instructional	Oxford Middle School	1420 Lakeville Road	Oxford	1980	2003	199,613	0.0	Yes	0	
7	Instructional	Oxford High School	745 N. Oxford Road	Oxford	1998	2003,2010	350,000	0.0	Yes	0	
8	Bus Garage	Transportation	1400 E. Lakeville Road	Oxford	1968		5,000	0.0	Yes	0	
Total							820,131				

*Facility Type:	**Closed Facility Reference:
Instructional	1. Demolish
Non-Instructional	2. Convert to non-instructional
Bus Garage	3. Sell or lease
Storage	4. Retain for future use
Stadium	5. Undetermined

Cost Summary

Oxford C	Commun	ity Scho	ols												63110
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Proj. #	Cost per Sq Foot	New Cons Sq Feet	New Construction	Remodeling	Contingency	Instructional Technology	Loose Furn and Equip	Buses	Site Work	Site Acquisition	A/E Fees and Costs	CM Fees and Costs	Project Costs	Election/Issu e Costs	Total Cost
1			0	1,088,450	144,701	0	10,000	0	249,247	0	103,768	96,357	1,692,523	31,376	1,723,899
2			0	1,034,770	153,889	0	10,000	0	292,916	0	103,711	96,302	1,691,588	31,900	1,723,489
3			0	661,210	143,740	0	10,000	0	390,708	0	83,696	77,717	1,367,071	25,440	1,392,511
4			0	932,360	170,097	0	29,800	0	284,479	0	97,086	90,151	1,603,973	30,205	1,634,178
5			0	1,002,540	215,738	0	10,000	0	555,556	0	124,168	115,299	2,023,301	37,208	2,060,508
6			0	3,084,950	562,083	0	10,000	0	2,535,880	0	432,804	401,889	7,027,606	127,424	7,155,029
7			0	4,411,660	820,715	0	30,000	0	3,795,485	0	659,601	586,810	10,304,271	190,381	10,494,652
8			0	348,700	57,836	0	10,000	1,500,000	99,699	0	35,437	32,905	2,084,577	37,766	2,122,343
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									·				0		0
Total		0	0	12,564,640	2,268,799	0	119,800	1,500,000	8,203,971	0	1,640,271	1,497,430	27,794,911	511,700	28,306,611

17. Funding:

Total Estimated Cost of Project:	\$28,306,611
LESS:	
Estimated Interest Earnings:	\$26,611
Other (specify):	
MOUNT OF PROPOSED ISSUE (Amount to be Qualified)	\$28,280,000

Cost Summary - Series 1

Oxford C	ommun	ity Scho	ols												63110
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Proj. #	Cost per	New Cons Sq Feet	New Construction	Remodeling	Contingency	Instructional Technology	Loose Furn	Buses	Site Work	Site Acquisition	A/E Fees and Costs	CM Fees and Costs	Project Costs	Election/Issu e Costs	Total Cost
1			0			0		0	0						810,582
2			0	935,770	121,213	0	0	0	110,000	0	81,689	75,854	1,324,526	25,273	1,349,799
3			0	539,770	73,757	0	0	0	0	0	42,947	39,879	696,353	13,287	709,640
4			0	803,000	127,624	0	19,800	0	110,000	0	72,844	67,641	1,200,909	22,915	1,223,824
5			0	491,700	68,082	0	0	0	0	0	39,185	36,386	635,353	12,123	647,476
6			0	0	0	0	0	0	0	0	0	0	0	0	0
7			0	3,603,600	360,360	0	0	0	0	0	277,477	257,657	4,499,094	85,847	4,584,941
8			0	0	0	0	0	95,764	0	0	0	0	95,764	1,827	97,591
													0		0
													0		0
													0		0
													0		0
													0		0
													0		0
													0		0
Total		0	0	7,006,230	819,443	0	19,800	95,764	220,000	0	563,198	522,969	9,247,404	176,450	9,423,854

17. Funding:

Total Estimated Cost of Project:	\$9,423,854
LESS:	
Estimated Interest Earnings:	\$8,853
Other (specify):	
MOUNT OF PROPOSED ISSUE (Amount to be Qualified)	\$9,415,000

Cost Summary - Series 2

Oxford C	ommun	ity Scho	ols												63110
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Proj.#	Cost per	New Cons Sq Feet	New Construction	Remodeling	Contingency	Instructional Technology	Loose Furn and Equip	Buses	Site Work	Site Acquisition	A/E Fees and Costs	CM Fees and Costs	Project Costs	Election/Issu e Costs	Total Cost
1			0	0	26,961	0	10,000	0	249,247	0	19,335	17,954	323,497	5,870	329,367
2			0	0	10,710	0	10,000	0	92,400	0	7,218	6,702	127,030	2,305	129,335
3			0	22,440	56,455	0	10,000	0	390,708	0	32,872	30,524	542,999	9,853	552,852
4			0	0	24,390	0	10,000	0	174,479	0	13,921	12,926	235,716	4,277	239,994
5			0	396,000	70,062	0	10,000	0	110,000	0	40,324	37,444	663,830	12,046	675,876
6			0	2,949,650	506,217	0	10,000	0	2,112,519	0	389,787	361,945	6,330,118	114,865	6,444,983
7			0	0	0	0	30,000	0	0	0	0	0	30,000	544	30,544
8			0	0	0	0	10,000	904,236	0	0	0	0	914,236	16,590	930,826
													0		0
													0		0
													0		0
													0		0
													0		0
													0		0
													0		0
Total		0	0	3,368,090	694,795	0	100,000	904,236	3,129,354	0	503,457	467,495	9,167,427	166,350	9,333,777

17. Funding:

Total Estimated Cost of Project: \$9,333,777

LESS:

Estimated Interest Earnings: \$8,777

Other (specify):

AMOUNT OF PROPOSED ISSUE (Amount to be Qualified) \$9,325,000

Cost Summary - Series 3

Oxford C	ommun	ity Scho	ols												63110
1 Proj. #	2 Cost per Sq Foot	3 New Cons Sq Feet	4 New Construction	5 Remodeling	6 Contingency	7 Instructional Technology	8 Loose Furn and Equip	9 Buses	10 Site Work	11 Site Acquisition	12 A/E Fees and Costs	13 CM Fees and Costs	14 Project Costs	15 Election/Issu e Costs	16 Total Cost
1			0	456,060	49,333	0	0	0	0	0	35,377	32,851	573,621	10,329	583,950
2			0	99,000	21,966	0	0	0	90,516	0	14,804	13,746	240,032	4,322	244,354
3			0	99,000	13,528	0	0	0	0	0	7,877	7,314	127,719	2,300	130,019
4			0	129,360	18,083	0	0	0	0	0	10,321	9,584	167,348	3,013	170,361
5			0	114,840	77,594	0	0	0	445,556	0	44,659	41,469	724,118	13,039	737,156
6			0	135,300	55,866	0	0	0	423,360	0	43,017	39,944	697,487	12,559	710,046
7			0	808,060	460,355	0	0	0	3,795,485	0	382,124	329,153	5,775,177	103,989	5,879,167
8			0	348,700	57,836	0	0	500,000	99,699	0	35,437	32,905	1,074,577	19,349	1,093,927
													0		0
													0		0
													0		0
													0		0
													0		0
													0		0
													0		0
Total		0	0	2,190,320	754,561	0	0	500,000	4,854,617	0	573,616	506,966	9,380,080	168,900	9,548,980

17. Funding:

Total Estimated Cost of Project:	\$9,548,980
LESS:	
Estimated Interest Earnings:	\$8,981
Other (specify):	
AMOUNT OF PROPOSED ISSUE (Amount to be Qualified)	\$9,540,000

3881, Worksheet 1: Useful Life Calculation

A school district must demonstrate that the weighted average maturity of the qualified bond issue does not exceed 120% of the average reasonably expected useful life of the facilities, excluding land and site improvements, being financed with the proceeds of the qualified bonds.

The following table lists the recommended average useful life of the categories of assets that should be considered in this calculation. If a specific item is not listed, it should be assigned to the most closely related category.

Asset Cateory	Useful Life
New School Building	40
Building Improvements - interior and exterior remodeling such as plumbing, electrical, HVAC, fire suppression, security systems, elevators, etc.	30
Roofing	20
Flooring	10
Furnishings and Equipment - furniture and fixtures that are not a structural component of a building such as desks, chairs, tables, storage units, office equipment, copiers, fax machines, communications equipment, kitchen equipment and appliances, athletic equipment, etc.	10
Technology Infrastructure - cables, networks, etc.	10
Buses	6
Technology (instructional and non-instructional) - computers, printers, scanners, etc.	5

Use the worksheet below to calculate the weighted average useful life of assets included in projects funded by bond proceeds.

Series 1

- U C I			Col. 1			Col. 4	Col. 6	Col. 3
Follow Column	\rightarrow	Enter	+	Enter	Enter	+	÷	Х
Instructions		Value	Col. 2	Value	Value	Col. 5	Col. 6 Total	Col. 7
	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Asset Type	Average Useful Life of Asset (in Years)	I Ime between Bonds Issue Date and Purchase	Useful Life of Asset from Bond Issue Date	Expenditure Amount	Allocation of Related Professional Fees	Total Costs (Incl. Related Fees)	% of Total Cost	Average Useful Life of Assets (in years)
School Buildings	40	0	40			0	0.00%	0.00
Building Improvements	30	1	31	6,431,040	771,725	7,202,765	68.26%	21.16
Roofing	20	1	21	2,310,000	277,200	2,587,200	24.52%	5.15
Flooring	10	1	11	575,190	69,023	644,213	6.11%	0.67
Furnishing/ Equipment	10	1	11	19,800	2,376	22,176	0.21%	0.02
Technology Infrastructure	10	1	11		0	0	0.00%	0.00
Technology (instr/non-instr)	5	1	6	0	0	0	0.00%	0.00
Buses	6	1	7	95,764		95,764	0.91%	0.06
Total for purposes of	Total for purposes of determining weighted avg useful life				1,120,324	10,552,118	100.00%	27.07

3881, Worksheet 1: Useful Life Calculation

A school district must demonstrate that the weighted average maturity of the qualified bond issue does not exceed 120% of the average reasonably expected useful life of the facilities, excluding land and site improvements, being financed with the proceeds of the qualified bonds.

The following table lists the recommended average useful life of the categories of assets that should be considered in this calculation. If a specific item is not listed, it should be assigned to the most closely related category.

Asset Cateory	Useful Life
New School Building	40
Building Improvements - interior and exterior remodeling such as plumbing, electrical, HVAC, fire suppression, security systems, elevators, etc.	30
Roofing	20
Flooring	10
Furnishings and Equipment - furniture and fixtures that are not a structural component of a building such as desks, chairs, tables, storage units, office equipment, copiers, fax machines, communications equipment, kitchen equipment and appliances, athletic equipment, etc.	10
Technology Infrastructure - cables, networks, etc.	10
Buses	6
Technology (instructional and non-instructional) - computers, printers, scanners, etc.	5

Use the worksheet below to calculate the weighted average useful life of assets included in projects funded by bond proceeds.

Series 2

Follow Column			Col. 1			Col. 4	Col. 6	Col. 3
Instructions	\rightarrow	Enter	+	Enter	Enter	+	÷	Х
ilistructions		Value	Col. 2	Value	Value	Col. 5	Col. 6 Total	Col. 7
	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Asset Type	Average Useful Life of Asset (in Years)	between Bonds Issue Date and Purchase	Useful Life of Asset from Bond Issue Date	Expenditure Amount	Allocation of Related Professional Fees	Total Costs (Incl. Related Fees)	% of Total Cost	Average Useful Life of Assets (in years)
School Buildings	40	0	40			0	0.00%	0.00
Building Improvements	30	1	31	3,368,090	404,171	3,772,261	78.78%	24.42
Roofing	20	1	21		0	0	0.00%	0.00
Flooring	10	1	11		0	0	0.00%	0.00
Furnishing/ Equipment	10	1	11		0	0	0.00%	0.00
Technology Infrastructure	10	1	11	100,000	12,000	112,000	2.34%	0.26
Technology (instr/non-instr)	5	1	6	0	0	0	0.00%	0.00
Buses	6	1	7	904,236		904,236	18.88%	1.32
Total for purposes of	f determini	ng weighte	d avg useful life	4,372,326	416,171	4,788,497	100.00%	26.00

3881, Worksheet 1: Useful Life Calculation

A school district must demonstrate that the weighted average maturity of the qualified bond issue does not exceed 120% of the average reasonably expected useful life of the facilities, excluding land and site improvements, being financed with the proceeds of the qualified bonds.

The following table lists the recommended average useful life of the categories of assets that should be considered in this calculation. If a specific item is not listed, it should be assigned to the most closely related category.

Asset Cateory	Useful Life
New School Building	40
Building Improvements - interior and exterior remodeling such as plumbing, electrical, HVAC, fire suppression, security systems, elevators, etc.	30
Roofing	20
Flooring	10
Furnishings and Equipment - furniture and fixtures that are not a structural component of a building such as desks, chairs, tables, storage units, office equipment, copiers, fax machines, communications equipment, kitchen equipment and appliances, athletic equipment, etc.	10
Technology Infrastructure - cables, networks, etc.	10
Buses	6
Technology (instructional and non-instructional) - computers, printers, scanners, etc.	5

Use the worksheet below to calculate the weighted average useful life of assets included in projects funded by bond proceeds.

Series 3

Follow Column			Col. 1			Col. 4	Col. 6	Col. 3
Instructions	\rightarrow	Enter	+	Enter	Enter	+	÷	Х
metractions		Value	Col. 2	Value	Value	Col. 5	Col. 6 Tota	Col. 7
	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Asset Type	Average Useful Life of Asset (in Years)	between Bonds Issue Date and Purchase	Useful Life of Asset from Bond Issue Date	Expenditure Amount	Allocation of Related Professional Fees	Total Costs (Incl. Related Fees)	% of Total Cost	Average Useful Life of Assets (in years)
School Buildings	40	0	40			0	0.00%	0.00
Building Improvements	30	1	31	2,091,320	250,958	2,342,278	79.31%	24.59
Roofing	20	1	21	99,000	11,880	110,880	3.75%	0.79
Flooring	10	1	11		0	0	0.00%	0.00
Furnishing/ Equipment	10	1	11		0	0	0.00%	0.00
Technology Infrastructure	10	1	11		0	0	0.00%	0.00
Technology (instr/non-instr)	5	1	6	0	0	0	0.00%	0.00
Buses	6	1	7	500,000		500,000	16.93%	1.19
Total for purposes of	Total for purposes of determining weighted avg useful life				262,838	2,953,158	100.00%	26.56