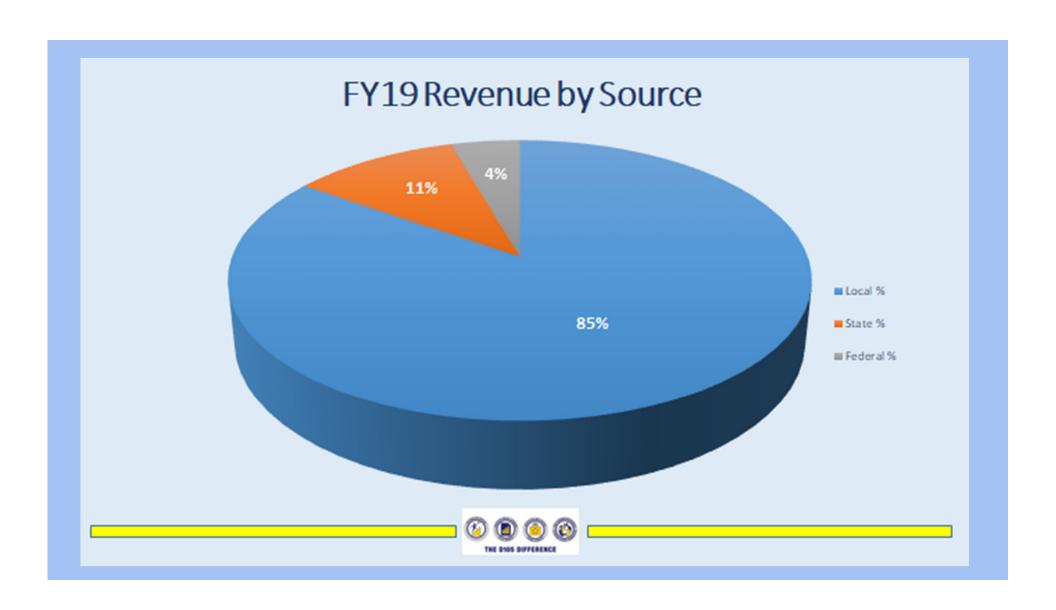
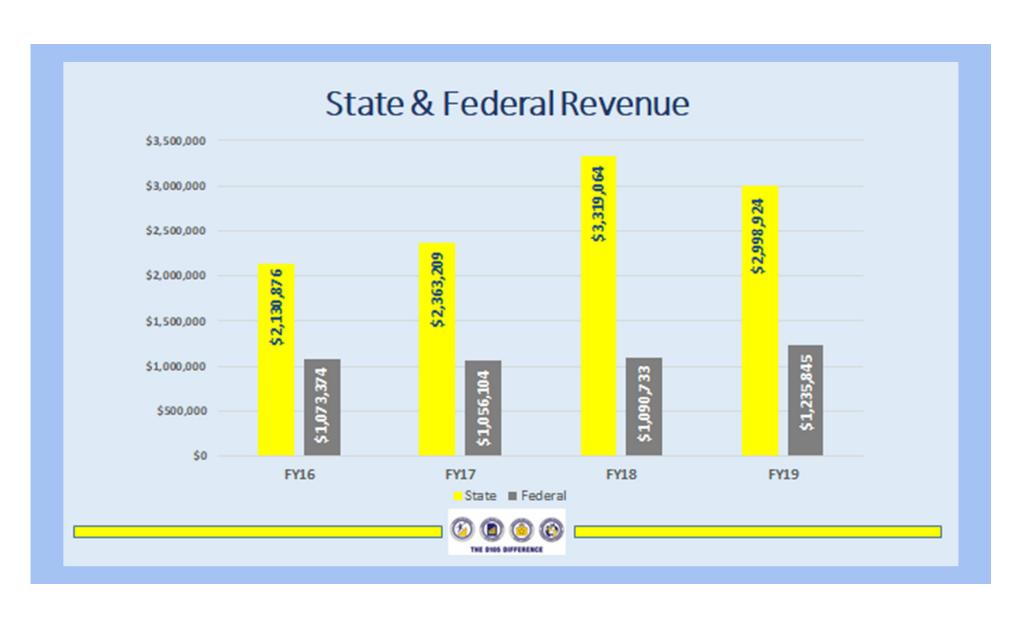
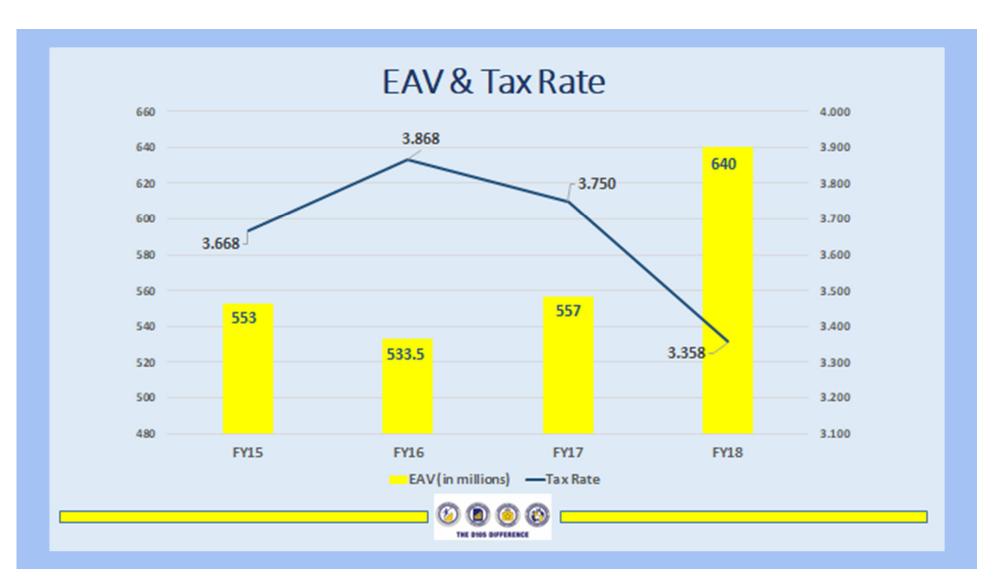
D105 Financial Advisory Committee

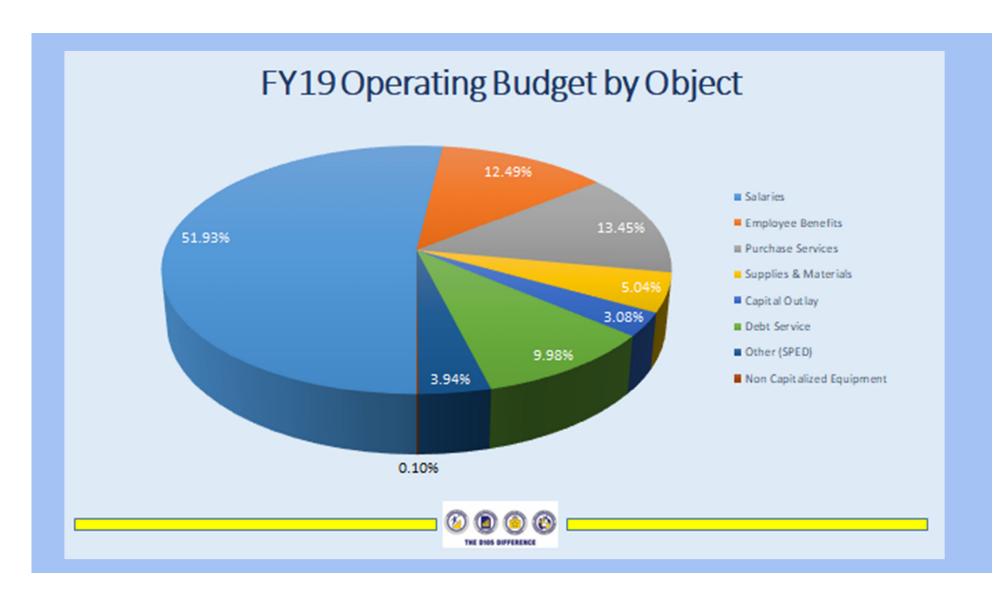


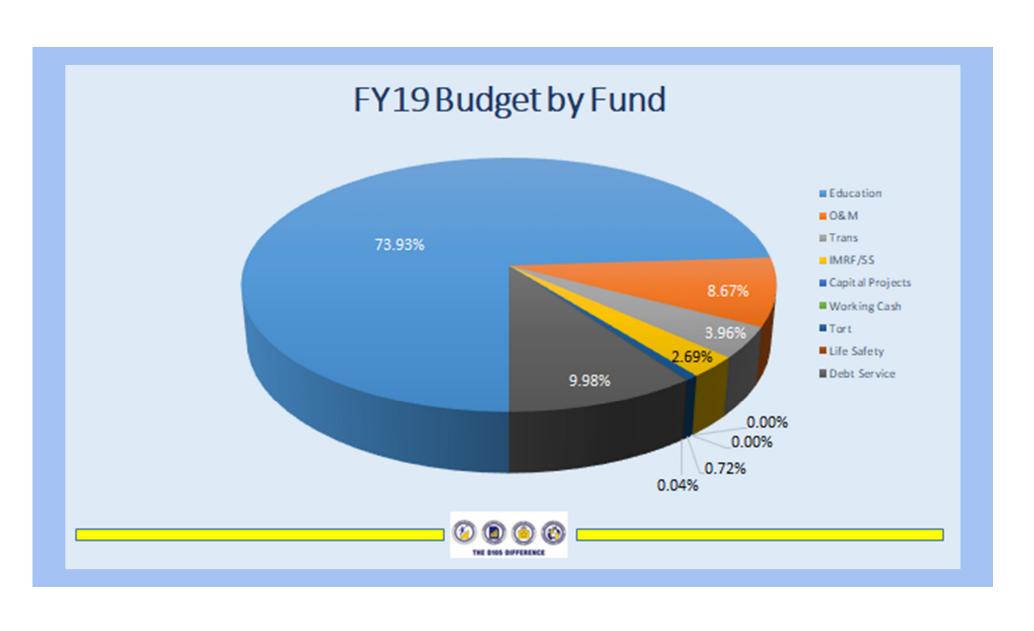
May 8, 2019

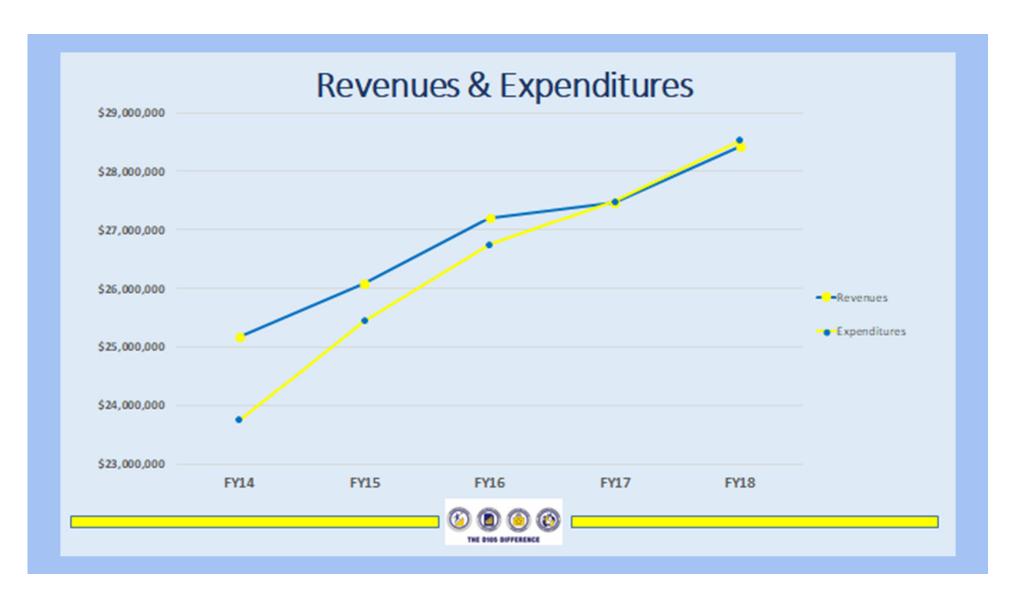












Financial Profile Designations

- Financial Recognition (3.54 4.00)
 - · Highest category, requiring little to no involvement from ISBE
- Financial Review (3.08 3.53)
 - · Monitored for potential downward trends
- Financial Early Warning (2.67 3.07)
 - Monitored closely, offered proactive assistance
- Financial Watch (1.00 2.61)
 - · Evaluated for financial difficulty and possibly qualify for Financial Oversight Panel



FY18 Financial Profile Score

FY18=3.6 : FY17=3.80 : FY16=3.45

Category	Score
Fund Balance to Revenue Ratio Reflects the overall financial strength.	4
Expenditures to Revenue Ratio Identifies how much is expended for each dollar received.	4
Day Cash on Hand Provides a projected estimate of the number of days operating expenditures could be met provided no additional revenues were received.	4
Percent of Short-Term Borrowing Maximum Remaining • Short-term debt is incurred due to several factors (i.e. delays in receipt of local revenues, etc.).	4
Percent of Long-Term Debt Margin Remaining • Long-term debt is incurred for major expenditures, such as building and equipment.	2



LA GRANGE SCHOOL DISTRICT 105 SUMMARY OF FUND BALANCES MARCH 2019

FUND	BEGINNING FUND BALANCE	ADD REVENUES TO DATE	+ REVENUES	LESS EXPENDITURES TO DATE	FUND BALANCE
EDUCATION	8,329,124.00	17,674,122.27	26,003,246.27	13,174,600.20	12,828,646.07
OPER. & MAINTENANCE	1,828,465.00	3,531,096.23	5,359,561.23	1,247,856.31	4,111,704.92
DEBT SERVICE	2,589,308.00	444,345.89	3,033,653.89	2,824,696.83	208,957.06
TRANSPORTATION	1,183,697.00	779,831.77	1,963,528.77	542,255.59	1,421,273.18
IMRF	487,637.00	317,522.54	805,159.54	204,700.63	600,458.91
SOC SEC/MEDICARE	39,107.00	298,641.52	337,748.52	251,752.37	85,996.15
CAPITAL PROJECTS	0.00	0.00	0.00	0.00	0.00
WORKING CASH	1,994,981.00	245,055.34	2,240,036.34	0.00	2,240,036.34
TORT	385,257.00	207,360.40	592,617.40	158,282.85	434,334.55
LIFE SAFETY	116,918.00	202,691.35	319,609.35	5,204.67	314,404.68
DISTRICT TOTAL	16,954,494.00	23.700.667.31	40,655,161.31	18.409.349.45	22,245,811.86

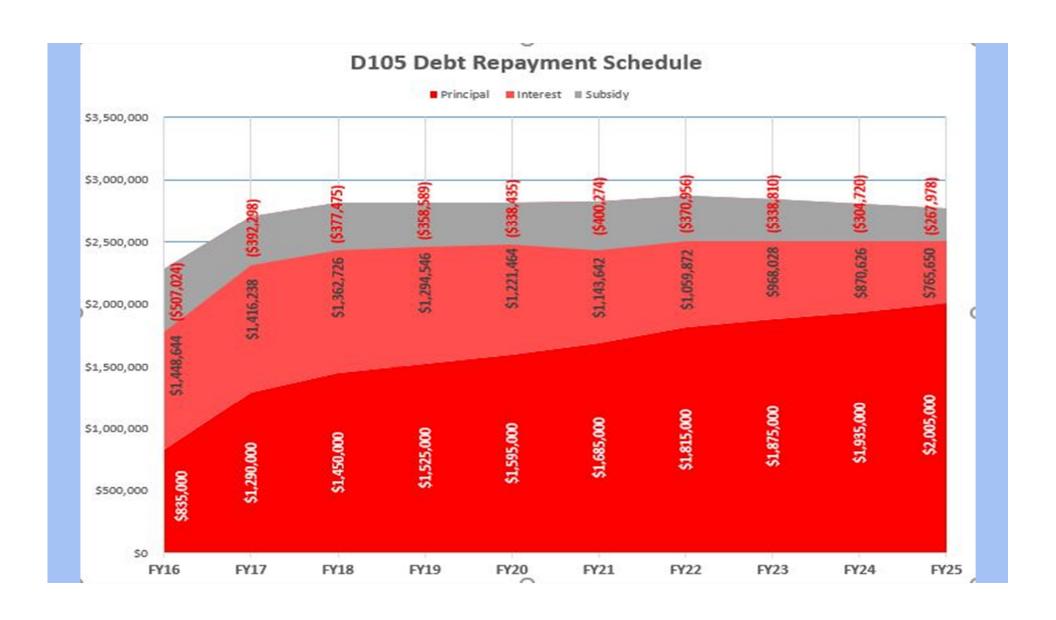
The Board of Education has assigned \$5,000,000 from the fund balances to retire the 2010B and/or the 2010C Bonds in 2020. The assigned dollars are contained in the following fund balances: Education, \$4,000,000; Transportation, \$500,000, and Working Cash, \$500,000.

LA GRANGE SCHOOL DISTRICT 105 SUMMARY OF FUND BALANCES MARCH 2018

	BEGINNING	ADD REVENUES	BEG BALANCE	LESS EXPENDITURES	FUND
FUND	FUND BALANCE	TO DATE	+ REVENUES	TO DATE	BALANCE
EDUCATION	8,124,899.45	18,021,108.80	26,146,008.25	13,037,928.52	13,108,079.73
OPER. & MAINTENANCE	1,025,040.20	3,774,369.54	4,799,409.74	1,402,666.78	3,396,742.96
DEBT SERVICE	2,725,535.67	235,072.01	2,960,607.68	2,814,625.26	145,982.42
TRANSPORTATION	1,899,140.37	725,135.85	2,624,276.22	626,912.62	1,997,363.60
IMRF	398,075.92	320,910.48	718,986.40	222,064.43	496,921.97
SOC SEC/MEDICARE	620,519.10	289,839.57	910,358.67	255,488.45	654,870.22
CAPITAL PROJECTS	0.00	0.00	0.00	0.00	0.00
WORKING CASH	1,964,582.30	150,312.76	2,114,895.06	0.00	2,114,895.06
TORT	335,843.57	194,032.15	529,875.72	171,269.00	358,606.72
LIFE SAFETY	9,655.97	100,802.42	110,458.39	1,307.00	109,151.39
DISTRICT TOTAL	17,103,292.55	23.811.583.58	40,914,876.13	18.532.262.06	22,382,614.07

The Board of Education has assigned \$5,000,000 from the fund balances to retire the 2010B and/or the 2010C Bonds in 2020. The assigned dollars are contained in the following fund balances: Education, \$4,000,000; Transportation, \$500,000, and Working Cash, \$500,000.

					D	105 Debt	Repay	yment	Schedul	В				
			2010B 2010C					Totals						
		Principal	Interest	Subsidy	Total	Principal	Interest	Subsidy	Total	Principal	Interest	Anticipaed Subsidy	ACTUAL Subsidy	Total
	7/15/2015		\$627,412	(\$219,594)	\$407,818		\$96,910	(\$33,918)	\$62,992		\$724,322	(\$253,512)		\$470,810
FY16	1/15/2016	\$750,000	\$627,412	(\$219,594)	\$1,157,818	\$85,000	\$96,910	(\$33,918)	\$147,992	\$835,000	\$724,322	(\$253,512)		\$1,305,810
										\$835,000	\$1,448,644	(\$507,024)		\$1,776,620
- 0	7/15/2016		\$612,847	(\$214,496)	\$398,351	2111	\$95,272	(\$33,345)	\$61,927		\$708,119	(\$247,841)		\$460,278
FY17	1/15/2017	\$1,150,000	\$612,847	(\$214,496)	\$1,548,351	\$140,000	\$95,272	(\$33,345)	\$201,927	\$1,290,000	\$708,119	(\$247,841)		\$1,750,278
				lake i		74.14				\$1,290,000	\$1,416,238	(\$495,682)	(\$392,298)	\$2,313,940
	7/15/2017		\$588,789	(\$206,076)	\$382,713		\$92,574	(\$32,401)	\$60,173		\$681,363	(\$238,477)		\$442,886
FY18	1/15/2018	\$1,290,000	\$588,789	(\$206,076)	\$1,672,713	\$160,000	\$92,574	(\$32,401)	\$220,173	\$1,450,000	\$681,363	(\$238,477)		\$1,892,886
a de la force							The state of the s			\$1,450,000	\$1,362,726	(\$476,954)	(\$377,475)	\$2,435,251
8	7/15/2018		\$559,428	(\$195,800)	\$363,628		\$87,845	(\$30,746)	\$57,099		\$647,273	(\$226,546)		\$420,727
FY19	1/15/2019	\$1,355,000	\$559,428	(\$195,800)	\$1,718,628	\$170,000	\$87,845	(\$30,746)	\$227,099	\$1,525,000	\$647,273	(\$226,546)		\$1,945,727
	and the second second								Access to the second Co.	\$1,525,000	\$1,294,546	(\$453,092)	(\$358,589)	\$2,460,957
3.	7/15/2019		\$527,911	(\$187,769)	\$340,142		\$82,821	(\$28,987)	\$53,834		\$610,732	(\$216,756)		\$393,976
FY20	1/15/2020	\$1,420,000	\$527,911	(\$187,769)	\$1,760,142	\$175,000	\$82,821	(\$28,987)	\$228,834	\$1,595,000	\$610,732	(\$216,756)		\$1,988,976
										\$1,595,000	\$1,221,464	(\$433,512)	(\$338,435)	\$2,478,029
	7/15/2020		\$494,172	(\$172,960)	\$321,212		\$77,649	(\$27,177)	\$50,472		\$571,821	(\$200,137)		\$371,684
FY21	1/15/2021	\$1,495,000	\$494,172	(\$172,960)	\$1,816,212	\$190,000	\$77,649	(\$27,177)	\$240,472	\$1,685,000	\$571,821	(\$200,137)		\$2,056,684
C. Val. Pr						Sico Sufficient	32,100			\$1,685,000	\$1,143,642	(\$400,274)		\$2,428,368
	7/15/2021		\$457,903	(\$160,266)	\$297,637		\$72,033	(\$25,212)	\$46,821		\$529,936	(\$185,478)		\$344,458
FY22	1/15/2022	\$1,610,000	\$457,903	(\$160,266)	\$1,907,637	\$205,000	\$72,033	(\$25,212)	\$251,821	\$1,815,000	\$529,936	(\$185,478)		\$2,159,458
					8 10 5 11 5					\$1,815,000	\$1,059,872	(\$370,956)		\$2,503,916
	7/15/2022		\$418,040	(\$146,314)	\$271,726		\$65,974	(\$23,091)	\$42,883		\$484,014	(\$169,405)		\$314,609
FY23	1/15/2023	\$1,660,000	\$418,040	(\$146,314)	\$1,931,726	\$215,000	\$65,974	(\$23,091)	\$257,883	\$1,875,000	\$484,014	(\$169,405)		\$2,189,609
	The second section of the second seco									\$1,875,000	\$968,028	(\$338,810)		\$2,504,218
	7/15/2023		\$375,693	(\$131,493)	\$244,200		\$59,620	(\$20,867)	\$38,753		\$435,313	(\$152,360)		\$282,953
FY24		\$1,715,000				\$220,000		(\$20,867)		\$1,935,000	\$435,313	(\$152,360)		\$2,217,953
	38 335	3500 35		St - 151 51						\$1,935,000	\$870,626	(\$304,720)	4	\$2,500,906
	7/15/2024		\$330,657	(\$115,730)	\$214,927		\$52,168	(\$18,259)	\$33,909		\$382,825	(\$133,989)		\$248,836
FY25		\$1,775,000				\$230,000		(\$18,259)		\$2,005,000	\$382,825	(\$133,989)		\$2,253,836
Carlotte Control	,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		, , , , , , , , , , , , , , , , , , , ,	,,,	,,		,,		\$2,005,000	\$765,650	(\$267,978)		\$2,502,672



- The District's two outstanding bond issues the Series 2010B and the Series 2010C are callable 1/15/2020 and 1/15/2021 respectively.
- These bonds may be refunded in advance of the call date, however, if interest rates stay relatively stable, greater savings will be generated at the call date.
- Refunding bonds in advance of the call date results in negative arbitrage due the low investment rates on Treasury securities used in the refunding escrow and negative savings.
- When Build America Bonds (BABs) are refunded with tax-exempt bonds, the federal subsidy is lost.
- For purposes of this analysis, we assume the subsidy is 32.83% (6.2% sequestration rate reduction for 2019) of the interest cost instead of 35% on the Build America Bonds.
- · A summary of the refunding scenarios is presented on the next slides.

RAYMOND JAMES

The following options present different refunding strategies for the District to take advantage of savings if the Series 2010B and 2010C are to be refunded on a tax-exempt basis.

Option 1: Tax-Exempt Current Refunding (without cash contribution)

Wait until 90 days or less to the call date of the bonds (2010B – 1/15/2020 and 2010C – 1/15/2021) for maximum savings

Option 2: Tax-Exempt Current Refunding with \$2.5M Cash Defeasance

Same as option 1 but would allow the District to use \$2.5M cash to defease the bonds.

Option 3: Tax-Exempt Current Refunding with \$5M Cash Defeasance

Same as option 1 but would allow the District to use \$5M cash to defease the bonds.

LaGrange School District Number 105, Cook County, IL Current Refunding of 2010B Bonds in 2019 AA Non Bank Qualified

Period Ending 1/15/2021	Net of Subsidy Series 2010B Prior Debt Service 2,158,871	Series 2018 Refunding Debt Service 2,063,535	Annual Savings 95,336
1/15/2022	2,225,147	2,131,400	93,747
1/15/2023	2,221,594	2,125,050	96,544
1/15/2024	2,219,706	2,122,500	97,206
1/15/2025	2,219,205	2,123,600	95,605
1/15/2026	2,215,395	2,121,400	93,995
1/15/2027	2,212,086	2,116,600	95,486
1/15/2028	2,209,187	2,114,200	94,987
1/15/2029	2,203,603	2,109,000	94,603
1/15/2030	2,198,278	2,106,000	92,278
	22,083,072	21,133,286	949,787

	Savings Summary	
Total Savin	04	\$949,787
Average an	nual savings	\$94,979
Not PV Sav	ngs	\$807,888
Par Amount	of Bonds Refunded	\$18,116,000
PV as a % o	f Bonds Refunded	4.4597%
Average Co	upon of Refunded Bonds	6.6233%
All-In TIC of	Refunding Bonds	2.9190%
Negative Ar	bitrage	2,486
Efficiency		99.7%
Dated/Delly	ery Date	12/16/2019
Market Date		2/19/2019

1/16/2020

*Rates used are based on ourrent market for similar AA-rated transactions, plus +0.26% cushion.

"Prior Debt Service is net of BABS subsidy.

2010B Bonds Call Date...

LaGrange School District Number 105,
Cook County, IL
Current Refunding of 2010C Bonds in 2020
AA Non Bank Qualified

Period Ending 1/15/2021 1/15/2022 1/15/2023 1/15/2024 1/15/2025	Net of Subsidy Series 2010C Prior Debt Service 301,769 303,630 300,094 300,082	Series 2020 Refunding Debt Service 278,050 287,050 285,600 284,000	Annual 8avings 23,719 16,580 14,494 16,082	Total Annual <u>8avings</u> 95,336 117,466 113,124 111,699 111,687
1/15/2026	299,615 298,693	280,000 280,800	19,615 17,893	113,610
1/15/2028	297,316	281,200	16,116	113,379
1/15/2029	300,484 297,970	281,200	19,284 17,170	113,888
	2,699,663	2,638,700	160,963	1,110,740
	\$avings	Summary	320	
50.00	entage and the			

savings summary		1.4 * * * * * * * * * *
Total Savings	\$160,863	\$1,110,740
Average annual savings	\$18,096	
Net PV Savings	\$141,428	\$949,296
Par Amount of Bonds Refunded	\$2,180,000	\$20,285,000
PV as a % of Bonds Refunded	8.4875%	4.8775%
Average Coupon of Refunded Bonds	8.7266%	
All-In TIC of Refunding Bonds	3.0978%	
Negative Arbitrage	673	
Efficiency	99.6%	
Dated/Delivery Date	1/16/2021	
Market Date	2/19/2019	
2010C Bonds Call Date	1/16/2021	

*Rates used are based on ourrent market for similar AA-rated transactions, plus +0.60% oushion.

"Prior Debt Service is net of BABS subsidy.

La	Grange School District Number 105,
	Cook County, IL
Current Re	funding of 2010B Bonds in 2019, \$320K Cash
	Contribution

Debt Sendes		Annual Savings
		131,790
2,225,147	2,096,550	128,597
2,221,594	2,090,950	130,644
2,219,706	2,089,150	130,556
2,219,205	2,086,000	133,205
2,215,395	2,085,000	130,395
2,212,086	2,081,400	130,686
2,209,187	2,080,200	128,987
2,203,603	2,071,200	132,403
2,198,278	2,069,600	128,678
22,083,072	20,777,131	1,306,841
	2,158,871 2,225,147 2,221,594 2,219,706 2,219,205 2,215,395 2,212,086 2,209,187 2,203,603 2,198,278	2,158,871 2,027,081 2,225,147 2,096,550 2,221,594 2,090,950 2,219,706 2,089,150 2,219,205 2,086,000 2,215,395 2,085,000 2,212,086 2,081,400 2,209,187 2,080,200 2,203,603 2,071,200 2,198,278 2,069,600

Savings Summary	
Total Savings	\$1,306,941
Average annual cavings	\$130,684
Net PV Savings	\$812,686
Par Amount of Bonds Refunded	\$18,116,000
PV as a % of Bonds Refunded	4.4883%
Average Coupon of Refunded Bonds	6.8233%
All-In TIC of Refunding Bonds	2.9189%
Negative Arbitrage	2,486
Efficiency	99.7%
Dated/Delivery Date	12/16/2019 2/19/2019
2010B Bonds Call Date	1/16/2020

*Rates used are based on ourrent market for similar AA-rated transactions, plus +0.25% cushion.

Ī	LaGrange School District Number 105,
	Cook County, IL
	Current Refunding of 2010C Bonds in 2020, \$2.18M Cash
	Contribution

Period Ending 1/15/2021 1/15/2022 1/15/2023 1/15/2024 1/15/2025 1/15/2026	Net of Subsidy 8 eries 2010C Prior Debt Service 301,769 303,630 300,094 300,092 299,615	Series 2020 Refunding Debt Service	Annual 3avinos 301,769 303,630 300,094 300,082 299,615	Total Annual Sayings 131,790 430,388 434,274 430,648 433,287 430,010
1/15/2027	298,693		298,693	429,379
1/15/2028 1/15/2029 1/15/2030	297,316 300,484 297,970	3	297,316 300,484 297,970	428,304 432,888 428,848
	2,699,663		2,699,653	4,006,684
	Savinge	Summary		
Total				
Avera				
Net P	V Savings		\$619,863	\$1,332,33

Average annual savings	\$269,965	
Net PV Savings	\$619,663	\$1,332,338
Par Amount of Bonds Refunded	\$2,180,000	\$20,295,000
PV as a % of Bonds Refunded	23.8373%	8.6848%
Average Coupon of Refunded Bonds	8.7266%	
All-in TIC of Refunding Bonds	0.0000%	
Negative Arbitrage	NA	
Efficiency.	NA	
Dated/Delivery Date	1/16/2021	
Market Date	2/18/2019	
2010C Bonds Call Date	1/16/2021	

*Rates used are based on ourrent market for similar AA-rated transactions, plus +0.60% oushion.

[&]quot;Prior Debt Service is net of BABS subdidy.

OPTION 3: CURRENT REFUNDING WITH \$5M CASH DEFEASANCE ON 2010BC

PUBLIC FINANCE

LaGrange School District Number 105,
Cook County, IL
Current Refunding of 2010B Bonds In 2020, \$2.82M Cash
Contribution

Period Ending	Series 2010B Prior Debt Service	Series 2019 Refunding Debt Service	Annual Savings
1/15/2021	2,158,871	1,738,181	420,690
1/15/2022	2,225,147	1,800,500	424,647
1/15/2023	2,221,594	1,801,350	420,244
1/15/2024	2,219,706	1,796,000	423,706
1/15/2025	2,219,205	1,794,600	424,605
1/15/2026	2,215,395	1,792,800	422,595
1/15/2027	2,212,086	1,788,800	423,296
1/15/2028	2,209,187	1,787,600	421,587
1/15/2029	2,203,603	1,779,000	424,603
1/15/2030	2,198,278	1,773,200	425,078
	22,083,072	17,862,031	4,231,041

Savings Summary	92
Total Savings	\$4,231,041
Average annual cavings	\$423,104
Net PV Savings.	\$851,808
Par Amount of Bonds Refunded	\$18,116,000
PV as a % of Bonds Refunded	4.7022%
Average Coupon of Refunded Bonds	6.8233%
All-In TIC of Refunding Bonds	2.9188%
Negative Arbitrage	2,490
Efficiency	89.7%
Dated/Delivery Date	12/18/2018 2/19/2018 1/16/2020

*Rates used are based on ourrent market for similar AA-rated transactions, plus +0.25% oushion.

LaGrange School District Number 105,
Cook County, IL
Current Refunding of 2010C Bonds in 2020, \$2.18M Cash
Contribution

Period Ending 1/15/2021 1/15/2022 1/15/2023 1/15/2025 1/15/2026 1/15/2027 1/15/2028 1/15/2028	Net of Subsidy Series 2010C Prior Debt Service 301,769 303,630 300,094 300,092 299,615 298,693 297,316 300,484	Series 2020 Refunding Debt Service	Annual 8avings 301,769 303,630 300,094 300,082 299,615 298,693 297,316 300,484	Total Annual <u>8 avings</u> 420,680 728,416 723,874 723,789 724,687 722,210 721,878 718,904 725,088
1/15/2030	2,689,663	 -	2,699,663	723,048 6,930,694
	Savingo	Summary		
	Savings ge annual caving	\$2,899,863 \$289,986		
Not P	V Savings		\$619,663	\$1,371,481
Par A	mount of Bonds R	\$2,180,000	\$20,296,000	
PV ac	a % of Bonds Ref	23.8373%	8.7578%	
Avera	ge Coupon of Ref	8.7266%		
All-In	TIC of Refunding	0.0000%		
Manual	ve Arbitrage	N/A		

*Rates used are based on ourrent market for similar AA-rated transactions, plus +0.50% cushion.

1/16/2021

Efficiency....

Dated/Delivery Date.....

2010C Bonds Call Date.....

[&]quot;Prior Debt Service is net of BABS subddy.

Scenario 1 - Tax-Exempt Current Refunding		Scenario 2 - Current Refunding with \$2.5M Cash Defeasance		Scenario 3 - Current Refunding with \$5M Cash Defeasance					
Debt Service			Debt Service			Debt Service			
Total Proposed Refunding Debt Service on 2010B and 2010C Bonds	5	23,671,985	Total Proposed Refunding Debt Service on 2010B and 2010C Bonds		20,777,131	Total Proposed Refunding Debt Service on 2010B and 2010C Bonds		17.	852,031
Savings			Savings			Savings			
Total Savings from Current Refunding the Series 2010B	5	949,787	Total Savings from Current Refunding the Series 2010B	5	1,305,941	Total Savings from Current Refunding the Series 2010B	5	4	231,041
with \$0 Cash Deposit	\$		with \$320,000 Cash Deposit	\$	(320,000)	with \$2,820,000 Cash Deposit	\$	(2	,820,000)
Total Savings from Current Refunding Series 2010C	5	160,953	Total Savings from Current Refunding Series 2010C	5	2,699,653	Total Savings from Current Refunding Series 2010C	5	2,	,699,653
with \$0 Cash Deposit	\$	9500 AG 10	with \$2,180,000 Cash Deposit	\$	(2,180,000)	with \$2,180,000 Cash Deposit	\$	(2,	(180,000)
Total Net Savings	\$	1,110,740	Total Net Savings	\$	1,505,594	Total Net Savings	\$	1,	930,694
Total Present Value Savings	\$	949,295	Total Present Value Savings	\$	1,332,338	Total Present Value Savings	\$	1,	,371,461
Current Average Payments FY21-FY30		2,456,959	Current Average Payments FY21-FY30		2,456,959	Current Average Payments FY21-FY30		2	456,959
Annual Average Savings	5	111,074	Annual Average Savings	5	400,559	Annual Average Savings	\$		693,069
Remaining Average Annual Payments FY21-FY30	\$	2,345,885	Remaining Average Annual Payments FY21-FY30	5	2,056,400	Remaining Average Annual Payments FY21-FY30	5	1,	763,890

Note (1) These refunding scenarios assume current interest rates as of Feb 19, 2019 with +0.50% cushion for the current refunding in 2019 and 2020.

Note (2) Adjustments were made on the prior debt service to exclude the subsidies for the BABs.

Date	Activity	Responsibility		
February 2019	Review Financing Options	District/RJ		
April 2019	Update 5 Year Financial Projections	District		
July 2019	Determine Amount of Cash to use for Paying Off Bonds	District/RJ		
August 2019	Prepare Offering Document and Meet with Bond Rating Agencies	District/RJ		
September 2019	Board Approves Parameters Bond Resolution Authorizing Sale of Refunding of 2010B Bonds	District/RJ/ Chapman		
October 2019	Close Bond Issue Paying Off Series 2010B Bonds on Call Date January 15, 2020	District/RJ/ Chapman		
November 2020	Board Approves Transfer of Funds to Debt Service Fund to Pay Off Series 2010C Bonds	District/RJ/ Chapman		
No Later than December 14, 2020	Wire funds to Paying Agent and direct Call Notice for Paying Off Series 2010C Bonds on January 15, 2021	District/RJ/ Chapman		

RAYMOND JAMES