

### Monthly Investment Report July 31, 2017



## P&A

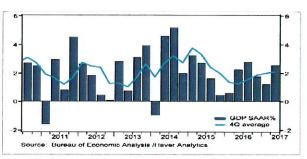
### Economy Shows a Little More Confidence

US economic health improved markedly from the first quarter of 2017. With the consumer opening her wallet (warming up her credit card?) Q2 GDP exceeded expectations. The increase brought the first six months growth to 1.9%. Although the sub-2% rate doesn't indicate solid "strength" it does continue to push us forward. Business, which pushed the Q1 GDP, stepped to the side for the consumer, whose confidence remains at high levels. In fact broader confidence gauge was the second highest since 2000. Respondents seeing jobs as "plentiful" rose while those seeing jobs "hard to get" fell. Nothing says confidence like a paycheck. Not surprisingly non-farm payrolls surged to 222K in June.

The PCE (the FOMC's favorite inflation measure) was also higher than expected which should take us to 1.5%. Manufacturing has come in strong partially because of the weaker US dollar, which makes our products more attractive. Inflation weakened somewhat with falling oil prices pushed by the Middle East. Increased drilling activity has helped employment results, but not the price.

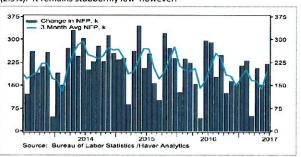
Business inventories subtracted from the overall GDP performance with little accumulation, but conversely that leaves us open for a bigger production increase in Q3. The Fed is seeing "household spending and business fixed investments …continue to expand." There was no surprise that the FOMC took no action in July. Employment is slightly below their 4.6% estimate of full employment and inflation refuses to rise to the 2% level desired by the Committee.

Existing housing has been a lagging sector but picked up this month. Home sales are snatched up less by *investors* and more by home owners as inventories tighten and sales increase. This parallels the consumers reduction in home savings as they rush to get low mortgage rates and grab fast moving home sales. Home builders supply side restraints are weakening but will continue to drag on Q2 GDP.



Both single family and multi-family new housing units increased. Apartment supply, which had grown for months at the fastest growth rate since 1980's, has finally moderated with that supply moderating rent increases. This will slow construction in multi-family homes, but also put funds in renter's pockets.

With positive but moderate job creation, wage growth has also climbed 2.5% which is positively moving to the increases we saw last December (2.9%). It remains stubbornly low however.





### Synchronized Global Growth

For the past year, the Fed has been out of sync with the other global central bankers which saw their economies as unable to sustain higher interest rates. Now however, other primary central banks are moving in a parallel direction. The Bank of England is considering a move up in rates, Canada is hinting at the move by year-end, and even the ECB is considering curtailing its stimulus program. No one is talking about deflation.

The bankers have also been buoyed by the International Monetary Fund's (IMF) latest World Economic Outlook. The IMF report is generally encouraging about global growth, with 2017 and 2018 full-year growth projected to reach 3.5 % and 3.6 % respectively. The report finds that "there is now no question mark over the world economy's gain in momentum." However, the report sees that growth has shifted to the Euro area and Japan, from earlier gains in the United States , United Kingdom and Canada.

Geopolitics continue to overhang the global markets and often overshadow economic news but the economic news continues to roll in positively. Draghi, at the ECB, is keeping inflation expectations low but is still curtailing stimulus. Italy's unemployment has fallen to 11.1% (a major move). France is expanding in its best run since 2011 and Spain's GDP is back to 2015 levels after recovering from its housing problems. Even Japan has seen a major rebound in industrial production from global demand.

Synchronization only goes so far however. A major uproar is brewing in financial markets, which will have a wide reaching impact. The *Financial Conduct Authority*, the U.K. regulatory body that is in charge of regulating LIBOR, is discussing an accelerated timeline for the retirement of its preeminent benchmark LIBOR rate (London Interbank Borrowing Rate). After scandals last year unmasked collusion on the banks 'part, which together set the rate daily, the Authority has hinted that it intends to publish a new rate in 2018. The question will be what replaces it. The *US Federal Sponsored Alternative Reference Rates Committee* naturally favors a Treasury based rate such as the daily cost of Treasury backed repo, which reflects a \$660 billion daily market.



Other Central Banks are moving to *unsecured* indexes. The English have their SONIA which is Sterling based, the ECB its EONIA (based on the Euro), and Japan is pushing a TONA (BOJ based rate). Whichever is put in place, the move will require a long and probably painful transition period which surely will be bumpy and lend great uncertainty to the markets. Lack of the one specific benchmarks will complicate transactions greatly.

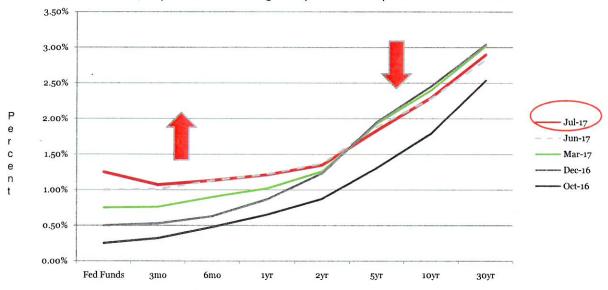
The change from LIBOR will have immense global market impact. LIBOR rates underpin trillions in derivatives and trillions in floating rate securities tied to corporate securities, ABS, student loans, loans, leverage, municipal debt and Eurodollar futures (which are used as hedges).

LIBOR will be hitting as geopolitics sabre-rattling reaches new heights with North Korea's unbalanced megalomaniac in the lead. We also have counter-intuitive falling oil prices in a period of rising Middle East tensions. Uncertainty reigns but for now the equity markets are shrugging off a lot of this information and roaring ahead on increased earnings. Every day is a new day!



## Rates Flattening is a Scary Sign

- Rates continue to flatten as the FOMC stays optimistic on inflation kicking in later this year there are numerous factors to this particular curve which do not point to a flat curve recession
- Rates are making a dangerous move to a flat curve (short rates moving up and longer rates moving down)
- The short end has moved up with Fed hikes rates, but demand keeps short rates low
- The long end faces challenges from low inflation, but may start to turn with a weaker dollar in place
- As low as our US rates are, they remain above other global options this may turn as other central banks raise rates



End of Month Rates - Full Yield Curve - Fed Funds to 30yr

#### Collin County Community College District Monthly Investment Report July 1, 2017 - July 31, 2017

#### Portfolio Summary Management Report

Portfolio as of 06/30/17:

Beginning Book Value Beginning Market Value

\$ 267,945,122 \$ 267,652,748 Portfolio as of 07/31/17:

Ending Book Value Ending Market Value \$ 263,486,712 \$ 263,257,260

Unrealized Gain/Loss

(229,452)

WAM at Beginning Period Date1

163 days

WAM at Ending Period Date1

148 days

(Decrease in market value is due to seasonal cash outflows)

Change in Market Value<sup>2</sup>

\$ (4,395,488)

1.039%

Average Yield to Maturity for period Average Yield 3 Month Treasury Bill for period 1.080%

Julie Pradley, Associate V.P.

Collin County Community College District

Barbara Johnston, Associate V.P.

Collin County Community College District

<sup>1</sup> WAM - weighted average maturity

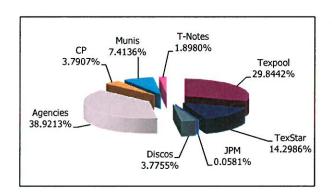
<sup>2 &</sup>quot;Change in Market Value" is required data, but will primarily reflect the receipt and expenditure of the District's funds from month to month. Patterson & Associates has assisted in the preparation of this consolidated investment report, with additional input provided by CCCCD.

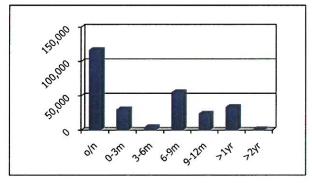
## Your Portfolio

As of July 31, 2017

- P&A constantly reviews your portfolio for optimal asset allocation and a controlled average maturity because a diversified portfolio can better adjust to volatile market conditions.
- The very short-term rates continue to move up with the Fed's move and short term alternatives are available especially for those with access to commercial paper. Rates beyond one year will easily best the pools.
- Banks remain uninterested in new deposits and municipal debt has become less attractive with decreased supply.
- It is time to reduce cash balances and stretch out longer and into the two year area if possible.
- The non-cash portion of your portfolio is yielding 1.09%.









# Collin Co Comm College Dist. Portfolio Management Portfolio Summary July 31, 2017

Patterson & Associates 901 S. MoPac Suite 195 Austin, TX 78746

Investments	Par Value	Market Value	Book Value	% of Portfolio	Term	Days to Maturity	YTM 365 Equiv.
Commercial Paper DiscAmortizing	10,000,000.00	9,987,944.45	9,987,944.45	3.79	179	31	1.429
Federal Agency Coupon Securities	102,549,000.00	102,379,605.78	102,552,749.14	38.92	542	278	1.052
Federal Agency DiscAmortizing	10,000,000.00	9,935,650.00	9,947,610.92	3.78	363	205	0.952
Treasury Coupon Securities	5,000,000.00	4,995,650.00	5,000,984.68	1.90	361	91	0.671
Municipal Bonds	19,495,000.00	19,494,854.30	19,533,868.12	7.41	523	394	1.296
TexStar	37,674,698.05	37,674,698.05	37,674,698.05	14.30	1	1	0.983
Texpool	78,635,574.00	78,635,574.00	78,635,574.00	29.84	1	1	0.971
JPMorgan Chase	153,282.96	153,282.96	153,282.96	0.06	1	1	0.000
Investments	263,507,555.01	263,257,259.54	263,486,712.32	100.00%	277	148	1.039
Cash and Accrued Interest					-1.0		
Accrued Interest at Purchase		77.78	77.78				
Subtotal		77.78	77.78				
Total Cash and Investments	263,507,555.01	263,257,337.32	263,486,790.10		277	148	1.039
Total Earnings	July 31 Month Ending	Fiscal Year To [	Date				
Current Year	232,751.52	1,964,22	2.40				

Reporting period 07/01/2017-07/31/2017 Data Updated: SET\_CCCC: 08/03/2017 14:44 Run Date: 08/03/2017 - 14:44

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#### Collin Co Comm College Dist. Summary by Type July 31, 2017 Grouped by Fund

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	Number of vestments	Par Value	Book Value	% of Portfolio	Average YTM 365	Average Days to Maturity
Fund: Building						
Federal Agency Coupon Securities	5	35,000,000.00	35,000,000.00	13.28	1.015	215
Treasury Coupon Securities	1	5,000,000.00	5,000,984.68	1.90	0.671	91
Texpool	1	11,380,207.25	11,380,207.25	4.32	0.971	1
TexStar	1	26,900,954.74	26,900,954.74	10.21	0.983	1
Municipal Bonds	1	10,015,000.00	10,015,000.00	3.80	1.070	198
Subtotal	9	88,296,161.99	88,297,146.67	33.51	0.986	113
Fund: Debt Service						
Texpool	1	3,557,417.49	3,557,417.49	1.35	0.971	1
Subtotal	1	3,557,417.49	3,557,417.49	1.35	0.971	1
Fund: Operating						
Municipal Bonds	4	9,480,000.00	9,518,868.12	3.61	1.533	600
Commercial Paper DiscAmortizing	1	10,000,000.00	9,987,944.45	3.79	1.429	31
Federal Agency Coupon Securities	11	67,549,000.00	67,552,749.14	25.64	1.071	310
Federal Agency DiscAmortizing	1	10,000,000.00	9,947,610.92	3.78	0.952	205
JPMorgan Chase	1	153,282.96	153,282.96	0.06	0.000	1
Texpool	1	63,697,949.26	63,697,949.26	24.18	0.971	1
TexStar	1	10,773,743.31	10,773,743.31	4.09	0.983	1
Subtotal	20	171,653,975.53	171,632,148.16	65.15	1.067	170
Total and Average	30	263,507,555.01	263,486,712.32	100.00	1.039	148



#### Collin Co Comm College Dist. Fund BLDG - Building Investments by Fund July 31, 2017

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CUSIP	Investment #	Issuer	Purchase Date	Book Value	Par Value	Market Value	Current Rate	YTM 360	YTM 365		Days To Maturity
Federal Agency	Coupon Securities	3									
3132X0JC6	10020	FRMAC Note	08/15/2016	10,000,000.00	10,000,000.00	9,998,420.00	0.680	0.670	0.680	08/15/2017	7 14
3132X0RN3	10041	FRMAC Note	04/03/2017	10,000,000.00	10,000,000.00	9,996,060.00	1.125	1.109	1.125	04/02/2018	3 244
3132X0SB8	10042	FRMAC Call Note	04/19/2017	7,500,000.00	7,500,000.00	7,494,480.00	1.250	1.232	1.250	04/19/2018	3 261
3130A8YJ6	10021	FHLB Call Note	08/23/2016	5,000,000.00	5,000,000.00	4,978,050.00	1.000	0.986	1.000	08/23/2018	387
3134GAJS4	10023	FHLMC Step Note	09/28/2016	2,500,000.00	2,500,000.00	2,496,012.50	0.875	1.229	1.246	09/28/2018	423
			Subtotal and Average	35,000,000.00	35,000,000.00	34,963,022.50		1.002	1.015		215
Treasury Coupor	Securities										
912828TW0	10027	T Note	11/04/2016	5,000,984.68	5,000,000.00	4,995,650.00	0.750	0.661	0.670	10/31/2017	91
			Subtotal and Average	5,000,984.68	5,000,000.00	4,995,650.00	70 D.	0.661	0.671		91
Municipal Bonds											
882806FH0	10034	Texas Tech University	02/22/2017	10,015,000.00	10,015,000.00	9,991,965.50	1.070	1.055	1.070	02/15/2018	198
			Subtotal and Average	10,015,000.00	10,015,000.00	9,991,965.50		1.055	1.070		198
TexStar											
2450	10007	TexStar	02/01/2016	26,900,954.74	26,900,954.74	26,900,954.74	0.983	0.969	0.982		1
			Subtotal and Average	26,900,954.74	26,900,954.74	26,900,954.74		0.969	0.983		1
Texpool											
700001	10009	Texpool	02/01/2016	11,380,207.25	11,380,207.25	11,380,207.25	0.971	0.958	0.971		1
			Subtotal and Average	11,380,207.25	11,380,207.25	11,380,207.25		0.958	0.971		1
		Tota	I Investments and Average	88,297,146.67	88,296,161.99	88,231,799.99		0.973	0.986		113

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#### Fund DS - Debt Service Investments by Fund July 31, 2017

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CUSIP	Investment #	Issuer	Purchase Date	Book Value	Par Value	Market Value	Current Rate	YTM 360	YTM 365	Maturity Days To Date Maturity
Texpool										
700004	10010	Texpool	02/01/2016	3,557,417.49	3,557,417.49	3,557,417.49	0.971	0.958	0.971	1
			Subtotal and Average	3,557,417.49	3,557,417.49	3,557,417.49		0.958	0.971	1
(2)	1 4 5		Total Investments and Average	3,557,417,49	3.557.417.49	3.557.417.49		0.958	0.971	1

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#### Fund OPER - Operating Investments by Fund July 31, 2017

CUSIP	Investment #	Issuer	Purchase Date	Book Value	Par Value	Market Value	Current Rate	YTM 360	YTM 365	Maturity Date	Days To Maturity
Commercial Pa	per DiscAmortizi	ng	<u> </u>								
27873JW19	10039	Ebury Finance CP	03/06/2017	9,987,944.45	10,000,000.00	9,987,944.45		1.409	1.429	09/01/2017	31
			Subtotal and Average	9,987,944.45	10,000,000.00	9,987,944.45		1.410	1.429		31
Federal Agency	Coupon Securities	5	"								
3132X0NC1	10031	FRMAC Note	01/18/2017	5,000,000.00	5,000,000.00	4,993,770.00	1.320	1.301	1.320	01/18/2019	535
3132X0RN3	10040	FRMAC Note	04/03/2017	10,000,000.00	10,000,000.00	9,996,060.00	1.125	1.109	1.125	04/02/2018	244
3132X0SB8	10043	FRMAC Call Note	04/19/2017	7,500,000.00	7,500,000.00	7,494,480.00	1.250	1.232	1.250	04/19/2018	261
3133EGE50	10028	FFCB Note	11/08/2016	4,999,907.50	5,000,000.00	4,997,935.00	0.650	0.659	0.668	09/08/2017	38
3130A0FG0	10014	FHLB Note	05/25/2016	4,003,841.64	4,000,000.00	4,001,352.00	1.200	0.867	0.880	11/20/2017	111
3130A8Y80	10019	FHLB Call Note	08/08/2016	5,000,000.00	5,000,000.00	4,978,590.00	0.875	0.863	0.875	08/08/2018	372
3134G9GP6	10013	FHLMC Call Note	05/25/2016	10,000,000.00	10,000,000.00	9,980,070.00	1.070	1.055	1.070	05/25/2018	297
3134G9NK9	10015	FHLMC Call Note	06/29/2016	11,549,000.00	11,549,000.00	11,506,522.78	1.100	1.044	1.059	06/29/2018	332
3134GAJQ8	10022	FHLMC Call Note	09/14/2016	2,500,000.00	2,500,000.00	2,495,897.50	1.150	1.134	1.150	09/14/2018	409
3134GAWQ3	10029	FHLMC Call Note	11/28/2016	5,000,000.00	5,000,000.00	4,971,870.00	1.070	1.055	1.070	11/28/2018	484
3134GA6H2	10038	FHLMC Call Note	02/28/2017	2,000,000.00	2,000,000.00	2,000,036.00	1.375	1.356	1.375	02/28/2019	576
			Subtotal and Average	67,552,749.14	67,549,000.00	67,416,583.28		1.057	1.071		310
Federal Agency	DiscAmortizing										
31315LTK4	10037	Farmer Mac DN	02/24/2017	9,947,610.92	10,000,000.00	9,935,650.00		0.939	0.952	02/22/2018	205
			Subtotal and Average	9,947,610.92	10,000,000.00	9,935,650.00		0.939	0.952		205
Municipal Bond	s										
074347F91	10045	Beaufort County SC	06/30/2017	2,000,000.00	2,000,000.00	1,999,280.00	1.400	1.380	1.399	06/29/2018	332
88213ABQ7	10044	Texas A&M University	05/01/2017	5,038,868.12	5,000,000.00	5,024,050.00	1.943	1.479	1.500	05/15/2019	652
882806FJ6	10035	Texas Tech University	02/22/2017	1,480,000.00	1,480,000.00	1,477,128.80	1.562	1.540	1.562	02/15/2019	563
882806FK3	10036	Texas Tech University	02/22/2017	1,000,000.00	1,000,000.00	1,002,430.00	1.925	1.898	1.925	02/15/2020	928
			Subtotal and Average	9,518,868.12	9,480,000.00	9,502,888.80		1.512	1.533		599
TexStar											
5450	10008	TexStar	02/01/2016	10,773,743.31	10,773,743.31	10,773,743.31	0.983	0.969	0.982		1
			Subtotal and Average	10,773,743.31	10,773,743.31	10,773,743.31		0.969	0.983		1

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#### Fund OPER - Operating Investments by Fund July 31, 2017

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CUSIP	Investment #	Issuer	Purchase Date	Book Value	Par Value	Market Value	Current Rate	YTM 360	YTM 365	Maturity Days Date Matur	
Texpool										III Jillies	
700003	10011	Texpool	02/01/2016	63,697,949.26	63,697,949.26	63,697,949.26	0.971	0.958	0.971	W-see	1
		Subto	tal and Average	63,697,949.26	63,697,949.26	63,697,949.26		0.958	0.971		1
JPMorgan Chase											
7828	10012	JPMorgan Chase Commercial Chkg	02/01/2016	153,282.96	153,282.96	153,282.96				567600	1
		Subto	tal and Average	153,282.96	153,282.96	153,282.96		0.000	0.000		1
		Total Investmen	nts and Average	171,632,148.16	171,653,975.53	171,468,042.06		1.053	1.067	1	69

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## Collin Co Comm College Dist. Cash Reconciliation Report For the Period July 1, 2017 - July 31, 2017 Grouped by Fund

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Trans. Date	Investment #	Fund	Trans. Type	Security ID	Par Value	Mescription Mescription	laturity Date	Purchases	Interest	Redemptions	Cash
Operati	ing										
07/18/20	17 10031	OPER	Interest	3132X0NC1	5,000,000.00	FAMCA 5.0M 1.32% Mat. 01/18/201901/1	18/2019	0.00	33,000.00	0.00	33,000.00
						Sub	btotal	0.00	33,000.00	0.00	33,000.00
					The state of the s		Total	0.00	33,000.00	0.00	33,000.00



#### Collin Co Comm College Dist. Interest Earnings Sorted by Fund - Fund July 1, 2017 - July 31, 2017 Yield on Average Book Value

Patterson & Associates 901 S. MoPac Suite 195 Austin, TX 78746

										Α	djusted Interest E	arnings
CUSIP	Investment #	Fund	Security Type	Ending Par Value	Beginning Book Value	Average Book Value	Maturity Date	CurrentAi Rate	nnualized Yield	Interest Earned	Amortization/ Accretion	Adjusted Interes Earning
Fund: Building												
2450	10007	BLDG	RRP	26,900,954.74	26,878,522.11	26,879,245.74		0.983	0.983	22,432.63	0.00	22,432.63
700001	10009	BLDG	RR2	11,380,207.25	11,370,826.09	11,371,128.71		0.971	0.971	9,381.16	0.00	9,381.16
3132X0JC6	10020	BLDG	FAC	10,000,000.00	10,000,000.00	10,000,000.00	8/15/2017	0.680	0.667	5,666.67	0.00	5,666.67
3130A8YJ6	10021	BLDG	FAC	5,000,000.00	5,000,000.00	5,000,000.00	8/23/2018	1.000	0.981	4,166.66	0.00	4,166.66
3134GAJS4	10023	BLDG	FAC	2,500,000.00	2,500,000.00	2,500,000.00 0	9/28/2018	0.875	0.859	1,822.92	0.00	1,822.92
12828TW0	10027	BLDG	TRC	5,000,000.00	5,001,320.12	5,001,146.99 1	0/31/2017	0.750	0.665	3,158.97	-335.44	2,823.53
882806FH0	10034	BLDG	MC1	10,015,000.00	10,015,000.00	10,015,000.00 0	2/15/2018	1.070	1.050	8,930.04	0.00	8,930.04
3132X0RN3	10041	BLDG	FAC	10,000,000.00	10,000,000.00	10,000,000.00	4/02/2018	1.125	1.104	9,375.00	0.00	9,375.00
3132X0SB8	10042	BLDG	FAC	7,500,000.00	7,500,000.00	7,500,000.00	4/19/2018	1.250	1.226	7,812.50	0.00	7,812.50
			Subtotal	88,296,161.99	88,265,668.32	88,266,521.44		_	0.966	72,746.55	-335.44	72,411.11
Fund: Debt Ser	vice											
700004	10010	DS	RR2	3,557,417.49	3,543,549.63	3,553,169.52		0.971	0.971	2,931.37	0.00	2,931.37
			Subtotal	3,557,417.49	3,543,549.63	3,553,169.52			0.971	2,931.37	0.00	2,931.37
Fund: Operatin	g											
5450	10008	OPER	RRP	10,773,743.31	10,764,759.13	10,765,048.94		0.983	0.983	8,984.18	0.00	8,984.18
700003	10011	OPER	RR2	63,697,949.26	68,123,769.86	67,375,549.23		0.971	0.971	55,589.46	0.00	55,589.46
3134G9GP6	10013	OPER	FAC	10,000,000.00	10,000,000.00	10,000,000.00 0	5/25/2018	1.070	1.050	8,916.67	0.00	8,916.67
3130A0FG0	10014	OPER	FAC	4,000,000.00	4,004,898.97	4,004,336.20 1	1/20/2017	1.200	0.865	4,000.00	-1,057.33	2,942.67
3134G9NK9	10015	OPER	FAC	11,549,000.00	11,549,000.00	11,549,000.00 0	6/29/2018	1.100	1.079	10,586.59	0.00	10,586.59
3130A8Y80	10019	OPER	FAC	5,000,000.00	5,000,000.00	5,000,000.00 0	8/08/2018	0.875	0.859	3,645.84	0.00	3,645.84
3134GAJQ8	10022	OPER	FAC	2,500,000.00	2,500,000.00	2,500,000.00 0	9/14/2018	1.150	1.128	2,395.83	0.00	2,395.83
3133EGE50	10028	OPER	FAC	5,000,000.00	4,999,832.50	4,999,872.42 0	9/08/2017	0.650	0.655	2,708.34	75.00	2,783.34
134GAWQ3	10029	OPER	FAC	5,000,000.00	5,000,000.00	5,000,000.00 1	1/28/2018	1.070	1.050	4,458.33	0.00	4,458.33
3132X0NC1	10031	OPER	FAC	5,000,000.00	5,000,000.00	5,000,000.00 0	1/18/2019	1.320	1.295	5,500.00	0.00	5,500.00
82806FJ6	10035	OPER	MC1	1,480,000.00	1,480,000.00	1,480,000.00 0	2/15/2019	1.562	1.533	1,926.46	0.00	1,926.46
382806FK3	10036	OPER	MC1	1,000,000.00	1,000,000.00	1,000,000.00 0	2/15/2020	1.925	1.889	1,604.16	0.00	1,604.16
		OPER	AFD							0.00		7,922.25

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#### Collin Co Comm College Dist. Interest Earnings July 1, 2017 - July 31, 2017

										Α	djusted Interest E	arnings
CUSIP	Investment #	Fund	Security Type	Ending Par Value	Beginning Book Value	Average Ma Book Value	aturity Date	CurrentAr Rate	nualized Yield	Interest Earned	Amortization/ Accretion	Adjusted Interest Earnings
Fund: Operation	ng				0.000						- II	
3134GA6H2	10038	OPER	FAC	2,000,000.00	2,000,000.00	2,000,000.00 02/28	8/2019	1.375	1.349	2,291.67	0.00	2,291.67
27873JW19	10039	OPER	ACP	10,000,000.00	9,975,888.89	9,982,111.11 09/01	1/2017		1.422	0.00	12,055.56	12,055.56
3132X0RN3	10040	OPER	FAC	10,000,000.00	10,000,000.00	10,000,000.00 04/02	2/2018	1.125	1.104	9,375.00	0.00	9,375.00
3132X0SB8	10043	OPER	FAC	7,500,000.00	7,500,000.00	7,500,000.00 04/19	9/2018	1.250	1.226	7,812.50	0.00	7,812.50
88213ABQ7	10044	OPER	MC1	5,000,000.00	5,040,678.75	5,039,715.03 05/15	5/2019	1.943	1.468	8,095.83	-1,810.63	6,285.20
074347F91	10045	OPER	MC1	2,000,000.00	2,000,000.00	2,000,000.00 06/29	9/2018	1.400	1.374	2,333.33	0.00	2,333.33
			Subtotal	171,500,692.57	175,878,516.77	175,139,410.51			1.058	140,224.19	17,184.85	157,409.04
			Total	263,354,272.05	267,687,734.72	266,959,101.47	- 1010		1.027	215,902.11	16,849.41	232,751.52

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#### PATTERSON & ASSECIATES



#### Collin Co Comm College Dist. Amortization Schedule July 1, 2017 - July 31, 2017 Sorted By Fund - Fund

Patterson & Associates 901 S. MoPac Suite 195 Austin, TX 78746

Investment #		Maturity Date Be	ginning Par Value	Purchase	Original Premium	Endina	Amounts Amortized	Amount Amortized	Amt Amortized	Amount Unamortized
Issuer	Fund	Amort. Date	Current Rate	Principal	or Discount	Book Value	And Unamortized As of 07/01/2017		Through 07/31/2017	Through 07/31/2017
Building			.,							
10027 T Note	BLDG	10/31/2017	5,000,000.00 0.750	5,003,906.25	3,906.25	5,000,984.68	-2,586.13 1,320.12	-335.44	-2,921.57	984.68
			Subtotal	5,003,906.25	3,906.25	5,000,984.68	-2,586.13 1,320.12	-335.44	-2,921.57	984.68
Operating										
10039 Ebury Finance CP	OPER	09/01/2017	10,000,000.00	9,930,388.90	-69,611.10	9,987,944.45	45,499.99 -24,111.11	12,055.56	57,555.55	-12,055.55
10028 FFCB Note	OPER	09/08/2017	5,000,000.00 0.650	4,999,250.00	-750.00	4,999,907.50	582.50 -167.50	75.00	657.50	-92.50
10014 FHLB Note	OPER	11/20/2017	4,000,000.00 1.200	4,018,855.76	18,855.76	4,003,841.64	-13,956.79 4,898.97	-1,057.33	-15,014.12	3,841.64
10015 FHLMC Call Note	OPER	06/29/2018 09/29/2016	11,549,000.00 1.100	11,558,239.20	9,239.20	11,549,000.00	-9,239.20 0.00	0.00	-9,239.20	0.00
10037 Farmer Mac DN	OPER	02/22/2018	10,000,000.00	9,907,233.00	-92,767.00	9,947,610.92	32,455.67 -60,311.33	7,922.25	40,377.92	-52,389.08
10044 Texas A&M Unive	OPER rsity	05/15/2019	5,000,000.00 1.943	5,044,300.00	44,300.00	5,038,868.12	-3,621.25 40,678.75	-1,810.63	-5,431.88	38,868.12
			Subtotal	45,458,266.86	-90,733.14	45,527,172.63	51,720.92 -39,012.22	17,184.85	68,905.77	-21,827.37
			Total	50,462,173.11	-86,826.89	50,528,157.31	49,134.79 -37,692.10	16,849.41	65,984.20	-20,842.69

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#### PATTERSON & ASSOCIATES



## Collin Co Comm College Dist. Projected Cashflow Report Sorted by Monthly For the Period August 1, 2017 - February 28, 2018

Patterson & Associates 901 S. MoPac Suite 195 Austin, TX 78746

Projected				Transaction	27					
	Investment #	Fund	Security ID	Type	Issuer	Par Value	Original Cost	Principal	Interest	Total
August 2	2017	2007								
08/08/2017	10019	OPER	3130A8Y80	Interest	FHLB Call Note	0.00	0.00	0.00	21,875.00	21,875.00
08/08/2017	10019	OPER	3130A8Y80	Call	FHLB Call Note	5,000,000.00	5,000,000.00	5,000,000.00	0.00	5,000,000.00
08/15/2017	10020	BLDG	3132X0JC6	Maturity	FRMAC Note	10,000,000.00	10,000,000.00	10,000,000.00	34,000.00	10,034,000.00
08/15/2017	10034	BLDG	882806FH0	Interest	Texas Tech University	0.00	0.00	0.00	51,496.57	51,496.57
08/15/2017	10035	OPER	882806FJ6	Interest	Texas Tech University	0.00	0.00	0.00	11,109.29	11,109.29
08/15/2017	10036	OPER	882806FK3	Interest	Texas Tech University	0.00	0.00	0.00	9,250.69	9,250.69
08/23/2017	10021	BLDG	3130A8YJ6	Interest	FHLB Call Note	0.00	0.00	0.00	25,000.00	25,000.00
08/23/2017	10021	BLDG	3130A8YJ6	Call	FHLB Call Note	5,000,000.00	5,000,000.00	5,000,000.00	0.00	5,000,000.00
08/25/2017	10013	OPER	3134G9GP6	Call	FHLMC Call Note	10,000,000.00	10,000,000.00	10,000,000.00	0.00	10,000,000.00
08/28/2017	10029	OPER	3134GAWQ3	Call	FHLMC Call Note	5,000,000.00	5,000,000.00	5,000,000.00	0.00	5,000,000.00
08/28/2017	10038	OPER	3134GA6H2	Interest	FHLMC Call Note	0.00	0.00	0.00	13,750.00	13,750.00
					Total for August 2017	35,000,000.00	35,000,000.00	35,000,000.00	166,481.55	35,166,481.55
Septemb	er 2017									
09/01/2017	10039	OPER	27873JW19	Maturity	Ebury Finance CP	10,000,000.00	9,930,388.90	10,000,000.00	0.00	10,000,000.00
09/08/2017	10028	OPER	3133EGE50	Maturity	FFCB Note	5,000,000.00	4,999,250.00	5,000,000.00	16,250.00	5,016,250.00
09/14/2017	10022	OPER	3134GAJQ8	Interest	FHLMC Call Note	0.00	0.00	0.00	14,375.00	14,375.00
09/14/2017	10022	OPER	3134GAJQ8	Call	FHLMC Call Note	2,500,000.00	2,500,000.00	2,500,000.00	0.00	2,500,000.00
09/28/2017	10023	BLDG	3134GAJS4	Interest	FHLMC Step Note	0.00	0.00	0.00	5,468.75	5,468.75
09/28/2017	10023	BLDG	3134GAJS4	Call	FHLMC Step Note	2,500,000.00	2,500,000.00	2,500,000.00	0.00	2,500,000.00
09/29/2017	10015	OPER	3134G9NK9	Call	FHLMC Call Note	11,549,000.00	11,558,239.20	11,549,000.00	0.00	11,549,000.00
					Total for September 2017	31,549,000.00	31,487,878.10	31,549,000.00	36,093.75	31,585,093.75
October	2017									
10/02/2017	10040	OPER	3132X0RN3	Interest	FRMAC Note	0.00	0.00	0.00	55,937.50	55,937.50
10/02/2017	10041	BLDG	3132X0RN3	Interest	FRMAC Note	0.00	0.00	0.00	55.937.50	55.937.50
10/19/2017	10042	BLDG	3132X0SB8	Interest	FRMAC Call Note	0.00	0.00	0.00	46.875.00	46,875.00
10/19/2017	10042	BLDG	3132X0SB8	Call	FRMAC Call Note	7,500,000.00	7,500,000.00	7,500,000.00	0.00	7,500,000.00
10/19/2017	10043	OPER	3132X0SB8	Interest	FRMAC Call Note	0.00	0.00	0.00	46,875.00	46,875.00
10/19/2017	10043	OPER	3132X0SB8	Call	FRMAC Call Note	7,500,000.00	7,500,000.00	7,500,000.00	0.00	7,500,000.00
10/31/2017	10027	BLDG	912828TW0	Maturity	T Note	5,000,000.00	5,003,906.25	5,000,000.00	18,750.00	5,018,750.00
					Total for October 2017	20,000,000.00	20,003,906.25	20,000,000.00	224,375.00	20,224,375.00

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#### Collin Co Comm College Dist. Projected Cashflow Report For the Period August 1, 2017 - February 28, 2018

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Projected Trans. Date	Investment #	Fund	Security ID	Transaction Type	Issuer	Par Value	Original Cost	Principal	Interest	Total
Novemb	er 2017									
11/15/2017	10044	OPER	88213ABQ7	Interest	Texas A&M University	0.00	0.00	0.00	48,575.00	48,575.00
11/20/2017	10014	OPER	3130A0FG0	Maturity	FHLB Note	4,000,000.00	4,018,855.76	4,000,000.00	24,000.00	4,024,000.00
11/25/2017	10013	OPER	3134G9GP6	Interest	FHLMC Call Note	0.00	0.00	0.00	53,500.00	53,500.00
11/28/2017	10029	OPER	3134GAWQ3	Interest	FHLMC Call Note	0.00	0.00	0.00	26,750.00	26,750.00
					Total for November 2017	4,000,000.00	4,018,855.76	4,000,000.00	152,825.00	4,152,825.00
Decembe	er 2017									
12/28/2017	10023	BLDG	3134GAJS4	Interest	FHLMC Step Note	0.00	0.00	0.00	7,812.50	7,812.50
12/29/2017	10015	OPER	3134G9NK9	Interest	FHLMC Call Note	0.00	0.00	0.00	63,519.50	63,519.50
					Total for December 2017	0.00	0.00	0.00	71,332.00	71,332.00
January	2018									
01/18/2018	10031	OPER	3132X0NC1	Interest	FRMAC Note	0.00	0.00	0.00	33,000.00	33,000.00
					Total for January 2018	0.00	0.00	0.00	33,000.00	33,000.00
February	2018									
02/08/2018	10019	OPER	3130A8Y80	Interest	FHLB Call Note	0.00	0.00	0.00	21,875.00	21,875.00
02/15/2018	10034	BLDG	882806FH0	Maturity	Texas Tech University	10,015,000.00	10,015,000.00	10,015,000.00	53,580.25	10,068,580.25
02/15/2018	10035	OPER	882806FJ6	Interest	Texas Tech University	0.00	0.00	0.00	11,558.80	11,558.80
02/15/2018	10036	OPER	882806FK3	Interest	Texas Tech University	0.00	0.00	0.00	9,625.00	9,625.00
02/22/2018	10037	OPER	31315LTK4	Maturity	Farmer Mac DN	10,000,000.00	9,907,233.00	10,000,000.00	0.00	10,000,000.00
02/23/2018	10021	BLDG	3130A8YJ6	Interest	FHLB Call Note	0.00	0.00	0.00	25,000.00	25,000.00
02/28/2018	10038	OPER	3134GA6H2	Interest	FHLMC Call Note	0.00	0.00	0.00	13,750.00	13,750.00
02/28/2018	10038	OPER	3134GA6H2	Call	FHLMC Call Note	2,000,000.00	2,000,000.00	2,000,000.00	0.00	2,000,000.00
					Total for February 2018	22,015,000.00	21,922,233.00	22,015,000.00	135,389.05	22,150,389.05
					GRAND TOTALS:	112,564,000.00	112,432,873.11	112,564,000.00	819,496.35	113,383,496.35