

GRAND RAPIDS POLICE AND FIRE RETIREMENT SYSTEM PUBLIC ACT 314 ASSET ANALYSIS

Market Values as of May 31, 2020

Investment Manager	Prior Month Market Value	Current Market Value	Percent of Assets	Difference	Target Percent	Actual Percent	Target Variance
NORTHERN TRUST ASSET MANAGEMENT (PASSIVE CORE EQ) 11/2001							
Cash, Money Market Fund & Accrued Income		0					
S & P 500 Fund (Collective Fund)		48,036,708					
TOTAL ASSETS	\$45,851,863	\$48,036,708		\$2,184,845	11.35%	11.68%	0.33%
WELLINGTON MANAGEMENT (CORE/GROWTH EQUITY) 09/1999							
Cash, Money Market Fund & Accrued Income		0					
Small Cap 2000 Institutional Fund		17,273,128					
TOTAL ASSETS	\$16,082,001	\$17,273,128		\$1,191,127	4.35%	4.20%	-0.15%
PIMCO STOCKSPPLUS (INDEX EQUITY) 09/2000							
Cash, Money Market Fund & Accrued Income		0					
S&P 500 Index Plus Fund		8,961,874					
TOTAL ASSETS	\$8,515,120	\$8,961,874		\$446,754	2.00%	2.18%	0.18%
NEUBERGER BERMAN (INTERNATIONAL EQUITY) 03/2011							
Cash, Money Market Fund & Accrued Income		0					
International Equities Mutual Fund (Foreign Stocks)		36,650,585					
TOTAL ASSETS	\$34,735,442	\$36,650,585		\$1,915,143	8.90%	8.91%	0.01%
HARDING LOEVNER LP (ADRS) 03/2015							
Cash, Money Market Fund & Accrued Income		480,629					
International Equities (ADRS)		35,973,682					
TOTAL ASSETS	\$34,351,248	\$36,454,311		\$2,103,063	8.90%	8.86%	-0.04%
BLACKROCK INSTITUTIONAL TRUST CO (GLOBAL EQUITY) 05/2019							
Cash, Money Market Fund & Accrued Income		0					
Global Low Volatility Equity		39,975,619					
TOTAL ASSETS	\$39,046,042	\$39,975,619		\$929,577	10.00%	9.72%	-0.28%
CENTERSQUARE (REAL ESTATE) 10/2019							
Cash, Money Market Fund & Accrued Income		181,808					
Real Estate		18,247,753					
TOTAL ASSETS	\$18,238,277	\$18,429,562		\$191,285	5.00%	4.48%	-0.52%
WELLINGTON MANAGEMENT (COMMODITIES) 01/2013							
Cash, Money Market Fund & Accrued Income		0					
CIF II Commodities Fund		17,050,074					
TOTAL ASSETS	\$15,550,892	\$17,050,074		\$1,499,182	5.00%	4.15%	-0.85%
BROWN BROTHERS HARRIMAN (TIPS) 04/2015							
Cash, Money Market Fund & Accrued Income		0					
TIPS		22,725,606					
TOTAL ASSETS	\$22,725,606	\$22,725,606		\$0	5.00%	5.53%	0.53%
HARVEST FUND ADVISORS (MASTER LIMITED PARTNERSHIPS) 02/2015							
Cash, Money Market Fund & Accrued Income		463,132					
MLPs		13,508,340					
TOTAL ASSETS	\$13,278,123	\$13,971,472		\$693,349	5.00%	3.40%	-1.60%
ADAMS STREET PARTNERS 2010 (PRIVATE EQUITY) 04/2010							
Cash, Money Market Fund & Accrued Income		0					
Private Equity		3,538,916					
TOTAL ASSETS	\$3,532,916	\$3,538,916		\$6,000		0.86%	
CAPITAL CONTRIBUTIONS		\$6,000					
CASH DISTRIBUTIONS		\$0					
ADAMS STREET PARTNERS 2013 (PRIVATE EQUITY) 06/2013							
Cash, Money Market Fund & Accrued Income		0					
Private Equity		5,034,817					
TOTAL ASSETS	\$5,034,817	\$5,034,817		\$0		1.22%	
CAPITAL CONTRIBUTIONS		\$0					
CASH DISTRIBUTIONS		\$0					
ADAMS STREET PARTNERS 2015 (PRIVATE EQUITY) 07/2015							
Cash, Money Market Fund & Accrued Income		0					
Private Equity		6,024,657					
TOTAL ASSETS	\$6,024,657	\$6,024,657		\$0		1.46%	
CAPITAL CONTRIBUTIONS		\$0					
CASH DISTRIBUTIONS		\$0					
ADAMS STREET PARTNERS 2017 (PRIVATE EQUITY) 06/2017							
Cash, Money Market Fund & Accrued Income		0					
Private Equity		3,489,034					
TOTAL ASSETS	\$3,489,034	\$3,489,034		\$0		0.85%	
CAPITAL CONTRIBUTIONS		\$0					
CASH DISTRIBUTIONS		\$0					
ADAMS STREET PARTNERS 2019 (PRIVATE EQUITY) 11/2019							
Cash, Money Market Fund & Accrued Income		0					
Private Equity		272,159					
TOTAL ASSETS	\$272,159	\$272,159		\$0		0.07%	
CAPITAL CONTRIBUTIONS		\$0					
CASH DISTRIBUTIONS		\$0					
ABERDEEN ASSET MANAGEMENT (PRIVATE EQUITY) 11/2011							
Cash, Money Market Fund & Accrued Income		0					
Private Equity		5,399,292					
TOTAL ASSETS	\$5,399,292	\$5,399,292		\$0		1.31%	
CAPITAL CONTRIBUTIONS		\$0					
CASH DISTRIBUTIONS		\$0					
TOTAL PRIVATE EQUITY:							
					5.00%	5.78%	0.78%
GROSVENOR CAPITAL MANAGEMENT (PRIVATE CREDIT) 09/2018							
Cash, Money Market Fund & Accrued Income		0					
Private Credit		13,115,863					
TOTAL ASSETS	\$13,115,863	\$13,115,863		\$0	3.30%	3.19%	-0.11%
CAPITAL CONTRIBUTIONS		\$0					
CASH DISTRIBUTIONS		\$0					
50 SOUTH CAPITAL ADVISORS (PRIVATE CREDIT) 10/2018							
Cash, Money Market Fund & Accrued Income		0					
Private Credit		4,071,731					
TOTAL ASSETS	\$4,071,731	\$4,071,731		\$0	1.70%	0.99%	-0.71%
CAPITAL CONTRIBUTIONS		\$0					
CASH DISTRIBUTIONS		\$0					
BAIRD ADVISORS (CORE FIXED) 03/2003							
Cash, Money Market Fund & Accrued Income		2,692,174					
Bonds		51,635,102					
TOTAL ASSETS	\$55,089,510	\$54,327,276		(\$762,234)	12.25%	13.21%	0.96%
CASH ACCOUNT TRANSFER		\$1,250,000					
WESTERN ASSET MANAGEMENT (ACTIVE FIXED) 03/2004							
Cash, Money Market Fund & Accrued Income		450,000					
Bonds		56,007,933					
TOTAL ASSETS	\$55,376,702	\$56,457,933		\$1,081,231	12.25%	13.73%	1.48%
CASH ACCOUNT TRANSFER		\$200,000					

SUMMARY

Cash, Money Market Fund & Accrued Income*	\$5,594,805.35	1.35%				
Fixed Income	107,643,035	26.06%				
Common Stock	74,271,711	17.98%				
Foreign Stock	36,650,585	8.87%				
Global Low Volatility	39,975,619	9.68%				
ADRS	36,454,311	8.83%				
Real Estate	18,247,753	4.42%				
Commodities	17,050,074	4.13%				
Private Equity	23,758,875	5.75%				
Private Credit	17,187,594	4.16%				
Treasury Inflation Protected Securities	22,725,606	5.50%				
Master Limited Partnerships	13,508,340	3.27%				
TOTAL ASSETS	\$401,849,613	\$413,068,309	100.00%	\$11,218,696	100.00%	100.00%
CASH ACCOUNT TRANSFER		\$1,450,000				

* Includes \$1,807,691 held in Cash Account