The following is a listing of the investment managers, custodians, and consultants that serve the Massachusetts public pension systems. The listing is based on information supplied by the retirement boards.

Retirement Board	Investment Vendors		
Adams	PRIT Fund		
Amesbury	• PRIT Fund		
Andover  Consultant: Dahab Associates	• PRIT Fund	RhumbLine Advisers	
Arlington  ➤ Custodian: M&T Bank Wilmington Trust	- PRIT Fund		
Attleboro  Custodian: M&T Bank Wilmington Trust  Consultant: Dahab Associates Inc.	Amalgated Bank     BTG Pactual Timberland Investment Group     Copeland Capital Management     Fidelity Institutional Asset Management     Frontier Capital Management Co., LLC	Hancock Timber Resource Group, Inc. Intercontinental Real Estate Corp. Invesco Private Capital, Inc. Peregrine Capital	PRIT Fund RhumbLine Advisers State Street Global Advisors Van Eck
Barnstable County	PRIT Fund		
Belmont ► Consultant: NEPC, LLC	PRIT Fund	AEW Capital Management, LP     Goldentree Asset Management, LP	HarbourVest Partners, LLC
Berkshire County	PRIT Fund		
Beverly	• PRIT Fund		
Blue Hills Regional	• PRIT Fund		
Boston (City)  • Custodian: State Street Bank & Trust  • Consultant: NEPC, LLC	400 Capital Management, LLC     57 Stars, LLC     ABS Investment Management, LLC     AEW Capital Management, LP     Aberdeen Asset Management     AFL-CIO Housing Investment Trust     Alcentra NY, LLC     Alidade Capital, LLC     Alispring Global Investments, Inc.     American Securities     Angelo, Gordon & Co., LP     Apollo Global Management, Inc.     Arclight Capital Partners, LLC     Aristotle Capital Management, LLC     Arsenal Real Estate Funds, LLC     Ascent Venture Partners     Audax Group     Avista Capital Group     Avista Capital Group     Avista Capital Group     Avista Capital Holdings, LP     AXA Investment Managers     Bain Capital     Barings, LLC     Berkshire Property Advisors, LLC     Berkshire Property Advisors, LLC     Berkshire Property Advisors     BlackRock Advisors, LLC     Belackstone Alternative Asset Management Assoc.     Blue Torch Capital LP     Boston Millennia Partners     Brookfield Asset Management     CCMP Capital Advisors, LLC     Carlyle Realty Partners     Centerbridge Partners, LP     Cohen & Steers Capital Management, Inc.     Columbia Management Investment Advisors, LLC	<ul> <li>Crescent Capital Group, LP</li> <li>CVC Capital Partners</li> <li>D.E. Shaw Investment Management, LLC</li> <li>DRC Capital, LLP</li> <li>Dune Capital Management, LP</li> <li>Energy Spectrum Partners</li> <li>EnTrust Global Partners</li> <li>FIrst Eagle Alternative Credit, LLC</li> <li>FSN Capital</li> <li>Gamut Capital Management</li> <li>Goldentree Asset Management, LP</li> <li>Grosvenor Capital Management, LP</li> <li>GTCR LLC</li> <li>Hamilton Lane</li> <li>HarbourVest Partners, LLC</li> <li>H.I.G. Capital</li> <li>ICONIQ Capital, LLC</li> <li>Incline Elevate</li> <li>Income Research &amp; Management</li> <li>Insight Venture Management</li> <li>Intercontinental Real Estate Corp.</li> <li>Invesco Core Real Estate USA, LP</li> <li>J.F. Lehman &amp; Company, Inc.</li> <li>J.P. Morgan</li> <li>Kayne Anderson Capital Advisors, LP</li> <li>KPS Capital Partners, LP</li> <li>Lazard Asset Management, LLC</li> <li>Lexington Partners, LP</li> <li>Lighthouse Investment Partners</li> <li>Main Capital Partners B.V.</li> <li>MC Credit Partners, LP</li> <li>Mesirow Advanced Strategies, Inc.</li> <li>MPM Capital, LP</li> <li>NGP Energy Capital Management, LLC</li> <li>Oaktree Capital Management, LP</li> </ul>	<ul> <li>PanAgora Asset Management, Inc.</li> <li>Perella Weinberg Partners Capital Management, LP</li> <li>Platinum Equity Advisors, LLC</li> <li>Polen Capital Management, LLC</li> <li>Polunin Capital Partners</li> <li>Prudential Capital Partners</li> <li>Pridential Capital Partners</li> <li>PGIM Real Estate Investors</li> <li>Recast Capital, LLC</li> <li>RhumbLine Advisers</li> <li>Roark Capital Partners</li> <li>Sanderling Ventures</li> <li>Saw Mill Capital</li> <li>SCP Private Equity Partners</li> <li>Sculptor Real Estate Advisors LP</li> <li>Segall Bryant &amp; Hamill</li> <li>Siguler Guff Advisers, LLC</li> <li>Stri Partners, LLC</li> <li>Sterling Fund Management</li> <li>Summit Partners, LP</li> <li>TA Realty</li> <li>Technology Crossover Ventures</li> <li>TerraCap Management, LLC</li> <li>The Davis Companies</li> <li>Thomas H. Lee Partners, LP</li> <li>Thomas H. Lee Partners, LP</li> <li>Thoma Bravo, LLC</li> <li>Todd Asset Management</li> <li>Tristan Capital Partners</li> <li>Vontobel Asset Management, Inc.</li> <li>Westech Investment Advisors, LLC</li> <li>Westfield Capital Management Company, LP</li> <li>Westfield Capital Partners, LLC</li> <li>Wynnchurch Capital</li> <li>Z Capital Partners, LLC</li> <li>Zevenbergen Capital Investments, LLC</li> <li>ZMC Advisors LP</li> </ul>

Retirement Board	Investment Vendors		
Boston Teachers	PRIT Fund		
Braintree	SEI Investments	Lexington Partners, LP	PRIT Fund
Bristol County  Custodian: M&T Bank Wilmington Trust  Consultant: Segal Marco Advisors	<ul> <li>Aberdeen Asset Management</li> <li>Arrowstreet Capital, LP</li> <li>Bardin Hill Investment Partners</li> <li>BlackRock Investment Management, LLC</li> <li>Brookfield Timberlands Management, LP</li> <li>BTG Pactual Timberland Investment Group</li> <li>Ceres Partners, LLC</li> <li>Columbia Management Investment Advisers, LLC</li> <li>DN Partners</li> <li>Dupont Capital Management</li> <li>Earnest Partners, LLC</li> <li>Entrust Global</li> <li>Fiera Capital Inc.</li> </ul>	<ul> <li>Frontier Capital Management Co., LLC</li> <li>Goldentree Asset Management, LP</li> <li>Grosvenor Capital Management, LP</li> <li>Hancock Timber Resource Group, Inc.</li> <li>IFM Investors (US) Advisor</li> <li>Income Research &amp; Management</li> <li>Intercontinental Real Estate Corp.</li> <li>Invesco Private Capital, Inc.</li> <li>Lazard Asset Management, LLC</li> <li>LSV Asset Management</li> <li>Lyrical Asset Management, LP</li> <li>Mesirow Financial Private Equity Advisors, Inc.</li> </ul>	Oaktree Capital Management, LP Northern Trust Investments, Inc. Pacific Investment Management Company (PIMCO) Pomona Management LLC PRIT Fund RBC Global Asset Management (U.S.), Inc. RREEF Management, LLC State Street Global Advisors TA Realty TerraCap Management, LLC Timberland Investment Resources, LLC William Blair Investment Management, LLC
Brockton  ➤ Consultant: Fiducient Advisors, LLC	SEI Investments	Aberdeen Asset Management     Ascent Venture Partners	Landmark Partners, LLC     Siguler Guff Advisers, LLC
Brookline	PRIT Fund	Hancock Timber Resource Group, Inc.     HarbourVest Partners, LLC	Lexington Partners, LP
Cambridge  Custodian: M&T Bank Wilmington Trust  Consultant: Segal Marco Advisors	<ul> <li>Aberdeen Asset Management</li> <li>Acadian Asset Management</li> <li>Ascent Venture Partners</li> <li>BlackRock Investment Management, LLC</li> <li>Campbell Global LLC</li> <li>Garcia Hamilton &amp; Associates, LP</li> <li>Hamilton Lane</li> <li>Hancock Natural Resource Group, Inc.</li> <li>IFM Investors (US) Advisor, LLC</li> </ul>	<ul> <li>Income Research &amp; Management</li> <li>Intercontinental Real Estate Corp.</li> <li>J.P. Morgan Investment Management</li> <li>Landmark Partners, LLC</li> <li>Lexington Partners, LP</li> <li>Loomis Sayles &amp; Co.</li> <li>Mellon Investments Corporation</li> <li>Mesirow Financial Investment Management, LLC</li> </ul>	<ul> <li>Penn Square Global Real Estate Group, LLC</li> <li>PineBridge Investments, LLC</li> <li>Polaris Capital Management, LLC</li> <li>PRIT Fund</li> <li>RhumbLine Advisers</li> <li>Rockwood Capital, LLC</li> <li>UBS Realty Advisors, LLC</li> <li>Wellington Management Company</li> </ul>
Chelsea	PRIT Fund     SEI Investments	DDIT 5 4	
Clinton  Consultant: Trust Advisory Group, Ltd.	PRIT Fund	PRIT Fund	
Concord  Consultant: Fiducient Advisors, LLC	Acadian Asset Management, LLC     BlackRock Advisors, LLC	Grantham, Mayo, Van Otterloo & Co.     PRIT Fund	Rhumbline Advisers     Wellington Management
Danvers  • Custodian: M&T Bank Wilmington Trust  • Consultant: Segal Marco Advisors	<ul> <li>Boyd Watterson</li> <li>Eagle Capital Management, LLC</li> <li>Gerber-Taylor Management Company</li> <li>HarbourVest Partners</li> </ul>	IFM Investors Advisor Intercontinental Real Estate Corp. Kayne Anderson Rudnick Investment Mgmt LLC Mesirow Financial Investment Management, Inc.	<ul> <li>PRIT Fund</li> <li>RhumbLine Advisers</li> <li>TA Realty</li> <li>Western Asset Management Co.</li> </ul>

Retirement Board	Investment Vendors		
Dedham	PRIT Fund		
Dukes County  ► Custodian: M&T Bank Wilmington Trust  ► Consultant: Dahab Associates, Inc.	Aristotle Capital Management, LLC     Atlanta Capital	Johnson Asset Management     Polen Capital Management, LLC	• PRIT Fund
Easthampton	PRIT Fund		
Essex County	• PRIT Fund	Ascent Venture Partners     BlackRock Investment Management, LLC	Levine Leichtman Capital Partners, Inc
Everett	PRIT Fund		
Fairhaven	PRIT Fund		
Fall River	PRIT Fund		
Falmouth  ➤ Custodian: M&T Bank Wilmington Trust  ➤ Consultant: Wainwright Investment Counsel, LLC	<ul> <li>Dimensional Fund Advisors, LP</li> <li>Hamilton Lane</li> <li>HGK Asset Management, Inc.</li> <li>Lexington Partners, LP</li> </ul>	LMCG Investments, LLC     Lord Abbett & Co., LLC     Mesirow Financial Private Equity Advisors, Inc.     PRIT Fund	<ul><li>Rhumbline Advisers</li><li>State Street Global Advisors</li><li>TA Realty</li><li>TerraCap Partners</li></ul>
Fitchburg	PRIT Fund		
Framingham	PRIT Fund		
Franklin County  Custodian: Comerica Bank  Consultant: Dahab Associates, Inc.	<ul><li>Aberdeen Asset Management</li><li>Boston Partners Global Investors, Inc.</li><li>Copeland Capital Management</li></ul>	<ul><li>Fiera Capital Inc.</li><li>Loomis, Sayles &amp; Company</li><li>Next Century Growth Investors, LLC</li></ul>	O'Shaughnessy Asset Management, LLC     PRIT Fund
Gardner	PRIT Fund		
Gloucester	PRIT Fund		
Greater Lawrence	PRIO Wealth, LLC		
Greenfield	PRIT Fund		
Hampden County	PRIT Fund		
Hampshire County  Consultant: Dahab Associates, Inc.	<ul><li>PRIT Fund</li><li>Ascent Venture Partners</li><li>Barings, LLC</li></ul>	Glouston Capital Partners, LLC     Lexington Partners, LP	Portfolio Advisors, LLC     Perella Weinberg Partners Capital Management, LP
Haverhill  • Custodian: M&T Bank Wilmington Trust  • Consultant: Wainwright Investment Counsel, LLC	<ul> <li>Brandywine Global Investment Management</li> <li>Fisher Investments</li> <li>Global Forest Partners, LP</li> <li>Globespan Capital Management, Inc.</li> <li>GrandBanks Capital</li> </ul>	<ul> <li>Income Research &amp; Management</li> <li>Mesirow Financial Institutional Real Estate</li> <li>Molpus Woodlands Group, LLC</li> <li>PRIT Fund</li> <li>Putnam Advisory Company, LLC</li> </ul>	<ul> <li>Stafford Private Equity, Inc.</li> <li>TerraCap Management</li> <li>The Davis Companies</li> <li>The DSF Group</li> </ul>
Hingham  • Consultant: Meketa Investment Group	PRIT Fund		

Retirement Board		Investment Vendors	
Holyoke  • Consultant: Mariner Institutional  Hull	ABS Investment Management, LLC Acadian Asset Management, LLC Aristotle Capital Management Constitution Capital Partners, LLC Entrust Global Fidelity Institutional Asset Management LMCG Investments, LLC PRIT Fund	<ul> <li>Long Wharf Real Estate Partners, LLC</li> <li>Loomis, Sayles &amp; Company</li> <li>Mesirow Financial Private Equity Advisors, Inc.</li> <li>Monroe Capital</li> <li>Oaktree Capital Management, LP</li> <li>Oberweis Asset Management, Inc.</li> <li>PennantPark Investment Advisers, LLC</li> </ul>	<ul> <li>PRIT Fund</li> <li>Putnam Investment Management, LLC</li> <li>RBC Global Asset Management (U.S.) Inc.</li> <li>Seizert Capital Partners, LLC</li> <li>State Street Global Advisors</li> <li>TerraCap Management, LLC</li> <li>Western Asset Management Co.</li> </ul>
Lawrence	PRIT Fund		
Leominster	PRIT Fund		
Lexington  ► Custodian: M&T Bank Wilmington Trust  ► Consultant: Meketa Investment Group, Inc.	<ul> <li>Acadian Asset Management, LLC</li> <li>Angelo, Gordan &amp; Co., LP</li> <li>Driehaus Capital Management, LLC</li> <li>Fidelity Investments</li> <li>Golub Capital Partners</li> </ul>	Kayne Anderson Rudnick Investment Management     Matthews International Capital Management, LLC     Monroe Capital     Neuberger Berman Management, Inc.	PRIT Fund     RhumbLine Advisers     Wellington Management Company, LLP     White Oak Global Advisors, LLC
Lowell  Custodian: M&T Bank Wilmington Trust	- PRIT Fund		
Lynn	PRIT Fund	BlackRock Advisors, LLC	
Malden ► Custodian: M&T Bank Wilmington Trust	De Burlo Group, Inc.		
Marblehead	PRIT Fund		
Marlborough  ► Custodian: M&T Bank Wilmington Trust  ► Consultant: Meketa Investment Group, Inc.	<ul> <li>Clarion Partners</li> <li>Constitution Capital Partners, LLC</li> <li>Dimensional Fund Advisors LP</li> <li>Driehaus Capital Management, LLC</li> <li>Frontier Capital Management Co., LLC</li> </ul>	HarbourVest Partners, LLC     IFM Investors (US) Advisors, LLC     Payden & Rygel     Neuberger Berman Management	<ul> <li>RhumbLine Advisers</li> <li>Rockwood Capital</li> <li>Shenkman Capital Management, Inc.</li> <li>State Street Global Advisors</li> </ul>
MHFA ► Custodian: M&T Bank Wilmington Trust ► Consultant: Meketa Investment Group, Inc.	Aberdeen Asset Management     ABS Investment Management LLC     AEW Capital Management, LP     Ascent Venture Partners     Constitution Capital Partners, LLC	<ul> <li>GQC Partners, LLC</li> <li>HarbourVest Partners, LLC</li> <li>IFM Investors Advisor</li> <li>Intercontinental Real Estate Corporation</li> <li>Longfellow Investment Management</li> </ul>	Lord Abbett & Co., LLC     Mesirow Financial Private Equity Advisors, Inc.     MetLife Investment Management     State Street Global Advisors
Massport  Custodian: M&T Bank Wilmington Trust  Consultant: Wilshire Associates	Baillie Gifford Overseas Limited     Brandywine Global Investment Management     PRIT Fund	Palmer Square Capital Management, LLC     Pzena Investment Management, LLC     State Street Global Advisors	Wellington Management Company, LLP
MTRS (Mass Teachers' Retirement System)	• PRIT Fund		

Retirement Board		Investment Vendors	
MWRA  Custodian: M&T Bank Wilmington Trust  Consultant: NEPC, LLC	<ul> <li>50 South Capital Advisors, LLC</li> <li>ABS Investment Management, LLC</li> <li>Alcentra NY, LLC</li> <li>Aristotle Capital Management, LLC</li> <li>Ascent Venture Partners</li> <li>Axiom International Investors, LLC</li> <li>Baillie Gifford</li> <li>CarVal Investors</li> <li>Constitution Capital Partners LLC</li> <li>Corbin Capital Partners LP</li> <li>EnTrust Global Partners</li> <li>Foundry Group, LLP</li> </ul>	Hamilton Lane HarbourVest Partners, LLC Invesco Private Capital, Inc J.F. Lehman & Company J.P. Morgan Investment Management Kayne Anderson Capital Advisors, LP Landmark Partners, LLC Lazard Asset Management LLC LMCG Investments Loomis, Sayles & Company Lord, Abbett & Co. LLC Mesirow Financial Private Equity Advisors, Inc.	Morgan Stanley Park Square Capital Pinebridge Investments, LLC PRIT Fund Private Advisors, LLC RhumbLine Advisers Schroders Investment Management North America, Inc. Select Equity Group, L.P. TA Realty TerraCap Management, LLC UBS Hedge Fund Solutions, LLC
Maynard ➤ Custodian: M&T Bank Wilmington Trust	PRIT Fund	Boston Advisors, LLC	
Medford ➤ Custodian: M&T Bank Wilmington Trust ➤ Consultant: NEPC, LLC	<ul> <li>City of London Investment Management</li> <li>Garcia Hamilton &amp; Associates LP</li> <li>Goldentree Asset Management LP</li> </ul>	Kayne Anderson Capital Advisors, LP     Lazard Asset Management, LLC     Loomis, Sayles & Company	PRIT Fund     RhumbLine Advisers
Melrose	PRIT Fund		
Methuen	PRIT Fund	BlackRock Investment Management, LLC	
Middlesex County	PRIT Fund	Globespan Capital Management, Inc.	
Milford	PRIT Fund		
Milton	• PRIT Fund		
Minuteman Regional	PRIT Fund		
Montague	PRIT Fund		
Natick Custodian: M&T Bank Wilmington Trust Consultant: Fiducient Advisors, LLC	Cliffwater LLC     HarbourVest Partners, LLC	Monroe Capital     PRIT Fund	SEI Investments
Needham	PRIT Fund		
New Bedford  Consultant: Segal Marco Advisors	<ul> <li>Aberdeen Asset Management, Inc.</li> <li>Acadian Asset Management, LLC</li> <li>Constitution Capital Partners LLC</li> <li>Hamilton Lane</li> <li>Hancock Natural Resource Group, Inc.</li> <li>Intercontinental Real Estate Corp.</li> </ul>	<ul> <li>Kohlberg &amp; Co.</li> <li>Lexington Advisors, Inc.</li> <li>Loomis, Sayles &amp; Company</li> <li>Mesirow Private Equity Advisors, Inc.</li> <li>Newton Investment Management, LLC</li> </ul>	<ul> <li>Pacific Investment Management Company, LLC</li> <li>Neuberger Berman Management</li> <li>State Street Global Advisors Limited</li> <li>UBS Realty Investors, LLC</li> <li>Westfield Capital Management Company, LP</li> </ul>
Newburyport	• PRIT Fund		
Newton	PRIT Fund		

Retirement Board		Investment Vendors	
Norfolk County  • Custodian: M&T Bank Wilmington Trust  • Consultant: Wainwright Investment Counsel, LLP	<ul> <li>Amundi Pioneer Institutional Asset Mgmt., Inc.</li> <li>Aristotle Capital Management, LLC</li> <li>Boston Partners Global Investors, Inc.</li> <li>Constitution Capital Partners, LLC</li> <li>Corsair Capital LLC</li> <li>D.E. Shaw Investment Management, LLC</li> <li>Disciplined Growth Investors</li> <li>DSF Group</li> <li>EnTrust Partners, LLC</li> <li>Gamco Asset Management, Inc.</li> <li>Globespan Capital Management, Inc.</li> </ul>	Goldentree Asset Management, LP GW&K Investment Management Hamilton Lane HarbourVest Partners, LLC Income Research & Management Intercontinental Real Estate Corporation Invesco Private Capital, Inc. LLM Capital Partners LMCG Investments, LLC Lord Abbett & Co., LLC Mellon Investments Corporation	Mesirow Investment Management     MFS International Advisors, Inc.     PGM Global     PRIT Fund     RhumbLine Advisers     Seizert Capital Partners, LLC     Siguler Guff Advisors, LLC     TA Realty     TerraCap Management     Wellington Management Company, LLP
North Adams  • Custodian: M&T Bank Wilmington Trust	De Burlo Group, Inc.	PRIT Fund	
North Attleboro  • Custodian: M&T Bank Wilmington Trust  • Consultant: Dahab Associates, Inc.	<ul> <li>Aristotle Capital Management, LLC</li> <li>Atlanta Capital</li> <li>Axiom International Investors, LLC</li> <li>Blackrock Realty Advisors, Inc.</li> <li>Brandes Investment Partners, LP</li> </ul>	<ul> <li>Davenport &amp; Company, LLC</li> <li>Income Research + Management</li> <li>Intercontinental Real Estate Corporation</li> <li>Lazard Asset Management, LLC</li> </ul>	<ul> <li>Loomis, Sayles &amp; Company</li> <li>RhumbLine Advisers</li> <li>UBS Realty Investors, LLC</li> <li>Vontobel Asset Management, Inc.</li> </ul>
Northampton  • Custodian: M&T Bank Wilmington Trust	De Burlo Group, Inc.	PRIT Fund	
Northbridge	PRIT Fund		
Norwood  • Custodian: M&T Bank Wilmington Trust  • Consultant: Meketa Investment Group, Inc.	<ul> <li>Aberdeen Asset Management, Inc.</li> <li>Aristotle Capital Management, LLC</li> <li>Arrowstreet Capital</li> <li>Atlanta Capital</li> <li>Axiom Investors</li> <li>Brigade Capital Management</li> </ul>	<ul> <li>Constitution Capital Partners</li> <li>Dimensional Fund Advisors, LP</li> <li>Driehaus Capital Management, LLC</li> <li>HabourVest Partners, LLC</li> <li>IFM Investors Advisor</li> </ul>	<ul> <li>Landmark Partners, LLC</li> <li>PRIT Fund</li> <li>RhumbLine Advisers</li> <li>State Street Global Advisors</li> <li>WCM Investment Management</li> </ul>
Peabody	• PRIT Fund		
Pittsfield	PRIT Fund		
Plymouth  • Custodian: M&T Bank Wilmington Trust  • Consultant: Fiducient Advisors, LLC	Acadian Asset Management     Aristotle Capital Management, LLC     Artisan Partners     BlackRock Advisors, LLC	Boston Trust Walden     Columbia Management Investment Advisers     Lazard     PRIT Fund	Rhumbline Advisers     Wellington Management Company, LLP     Westfield Capital Management Company, LP

Retirement Board		Investment Vendors	
Plymouth County  Custodian: State Street Bank & Trust  Consultant: Meketa Investment Group  Quincy  Custodian: M&T Bank Wilmington Trust  Consultant: Meketa Investment Group, Inc.	<ul> <li>ABS Investment Management, LLC</li> <li>AEW Capital Management, LP</li> <li>Aristotle Capital Management, LLC</li> <li>Arrowstreet Capital</li> <li>Ascent Venture Partners</li> <li>Atlantic Street Capital</li> <li>Audax Management Company (NY), LLC</li> <li>Axiom Investors</li> <li>Basalt Infrastructure Partners</li> <li>Berkshire Property Advisors</li> <li>BlackRock Advisors, LLC</li> <li>BTG Pactual Timberland Investment Group</li> <li>Carlyle Investment Management</li> <li>CAI Manager LP</li> <li>Charlesbank Capital Partners, LLC</li> <li>DN Partners</li> <li>Driehaus Capital Management, LLC</li> <li>Entrust Global Partners</li> <li>First Eagle Investment Management</li> <li>Adams Street Partners, LLC</li> <li>AEW Capital Management, LP</li> <li>Axiom</li> <li>Beach Point Capital Management</li> <li>Brown Advisory, LLC</li> <li>Cedar Street Asset Management</li> <li>Charlesbank Capital Partners, LLC</li> <li>Driehaus Capital Management</li> <li>Brown Advisory, LLC</li> <li>Cedar Street Asset Management</li> <li>Charlesbank Capital Partners, LLC</li> <li>Driehaus Capital Management, LLC</li> <li>Entrust Global Partners</li> <li>Freeman Spogli Management</li> <li>Freeman Spogli Management</li> </ul>	Freeman Spogoli Management Global Infrastructure Management, LLC Globespan Capital Management, Inc. Grain Management HarborVest Partner Heitman Capital Management IFM Investors Advisor Invesco Trust Company I Squared Capital Intercontinental Real Estate John Hancock Trust Company J.P. Morgan Investment Management, Inc. Kohlberg & Co., LLC Kopernik Global Investors Landmark Partners, LLC Leeds Equity Partners Lexington Partners, LP LLR Management LMCG Investments Lord Abbett & Company Mesirow Financial Institutional Real Estate Global Infrastructure Management Goldman Sachs Asset Management Goldman Sachs Asset Management LIR Management LLR Management LLR Management LLR Management HarborVest Partners IFM Investors Advisor J.P. Morgan Investment Management LLR Management LLR Management Pinebridge Investments, LLC	<ul> <li>Newton Investment Management, LLC</li> <li>Old Farm Partners</li> <li>One Rock Capital Partners</li> <li>Parametric Portfolio Associates</li> <li>PCCP, LLC</li> <li>RhumbLine Advisers</li> <li>Ridgemont Equity Partners</li> <li>Rockpoint Capital</li> <li>Schroder Investment Management</li> <li>Searchlight Capital Partners</li> <li>Siguler Guff Advisers, LLC</li> <li>Summit Partners, LP</li> <li>Systematic Financial Management</li> <li>TA Realty</li> <li>Trilantic Capital Management L.P.</li> <li>Vulcan Value Partners, LLC</li> <li>Waud Capital Partners</li> <li>WCM Investment Management</li> <li>Wellington Management</li> <li>Wellspring Capital Management, LLC</li> <li>RhumbLine Advisers</li> <li>Ridgemont Equity Partners</li> <li>Rockwood Capital</li> <li>Searchlight Capital Partners</li> <li>State Street Global Advisors</li> <li>Stockbridge Core and Value Advisors</li> <li>Stonepeak Partners</li> <li>TA Realty</li> <li>TerraCap Management, LLC</li> <li>Torchlight Investors, LLC</li> <li>Trilantic Capital Management L.P.</li> <li>UBS Realty Investors, LLC</li> <li>Trilantic Capital Management L.P.</li> <li>UBS Realty Investors, LLC</li> </ul>
Reading	• PRIT Fund		Wellspring Capital Management
Revere	• PRIT Fund		
Salem	• PRIT Fund		
Saugus  • Custodian: M&T Bank Wilmington Trust  • Consultant: Wainwright Investment Counsel, LLP	• PRIT Fund	<ul> <li>Aristotle Capital Management, LLC</li> <li>Lord Abbett &amp; Co., LLC</li> <li>Massachusetts Financial Services Co.</li> </ul>	RhumbLine Advisers     State Street Global Advisors
Shrewsbury  Custodian: M&T Bank Wilmington Trust  Consultant: Dahab Associates, Inc.	Atlanta Capital     Earnest Partners	Fiera Capital Inc.	PRIT Fund

Retirement Board		Investment Vendors	
Somerville  • Custodian: M&T Bank Wilmington Trust	Congress Asset Management Company, LLP     Lazard Asset Management, LLC	Loomis, Sayles & Company     PRIT Fund	RhumbLine Advisers     UBS Realty Investors, LLC
Southbridge	PRIT Fund		
Springfield	PRIT Fund		
State	PRIT Fund		
Stoneham  ➤ Consultant: Fiducient Advisors, LLC	PRIT Fund	Russell Investment Group	
Swampscott  • Custodian: M&T Bank Wilmington Trust  • Consultant: Wainwright Investment Counsel, LLC	PRIT Fund	Aristotle Capital Management, LLC     Intercontinental Real Estate Corporation	RhumbLine Advisers     TA Realty
Taunton  ► Custodian: M&T Bank Wilmington Trust  ► Consultant: Dahab Associates, Inc.	<ul> <li>Aberdeen Asset Management</li> <li>Allspring Global Investments, Inc.</li> <li>Barksdale Investment Management</li> <li>BlackRock Investment Management, LLC</li> <li>Boston Partners</li> <li>Ceres Partners, LLC</li> <li>Constitution Capital Partners, LLC</li> <li>Domain Timber Advisors</li> </ul>	<ul> <li>EnTrust Global Partners LLC</li> <li>Federated Hermes Inc.</li> <li>Frontier Capital Management Co., LLC</li> <li>GAM International Management Limited</li> <li>Intercontinental Real Estate Corporation</li> <li>John Hancock Trust Company</li> <li>Mesirow Financial Investment Management, Inc.</li> <li>Molpus Woodlands Group, LLC</li> </ul>	<ul> <li>Pacific Investment Management Company, LLC</li> <li>Polen Capital Management, LLC</li> <li>PRIT Fund</li> <li>Rhumbline Advisers</li> <li>State Street Global Advisors</li> <li>TA Realty</li> <li>Timberland Investment Resources</li> <li>Vontobel Asset Management, Inc.</li> </ul>
Wakefield	PRIT Fund		
Waltham  ► Consultant: Fiducient Advisors, LLC	SEI Investments	PRIT Fund	
Watertown ► Custodian: M&T Bank Wilmington Trust ► Consultant: Fiducient Advisors, LLC	ABS Investment Management     Acadian Asset Management, LLC     American Realty Advisors     BlackRock Advisors     Columbia Management Investment Advisors, LLC	<ul> <li>Eaton Vance Management</li> <li>Entrust Global Partners, LLC</li> <li>Income Research &amp; Management</li> <li>Massachusetts Financial Services Company</li> </ul>	<ul> <li>PRIT Fund</li> <li>TA Realty</li> <li>TerraCap Management, LLC</li> <li>Wellington Management Company, LLP</li> </ul>
Webster	PRIT Fund		
Wellesley	PRIT Fund		

Retirement Board	Investment Vendors		
West Springfield  ▶ Custodian: Comerica Bank	De Burlo Group, Inc.		
Westfield  ➤ Consultant: Fiducient Advisors, LLC	Aristotle Capital Management LP Aristotle Capital Management, LLC Columbia Management Investment Advisers, LLC Constitution Capital Partners, LLC Hamilton Lane Income Research & Management Intercontinental Real Estate Corporation	<ul> <li>Lazard Asset Management</li> <li>Long Wharf Real Estate Partners, LLC</li> <li>Loomis, Sayles &amp; Company</li> <li>Massachusetts Financial Services Co.</li> <li>Pacific Investment Co., LLC</li> <li>Polaris Capital Management, LLC</li> </ul>	<ul> <li>Pomona Capital</li> <li>PRIT Fund</li> <li>RBC Global Asset Management (U.S.), Inc.</li> <li>State Street Global Advisors</li> <li>TerraCap Management</li> <li>Wasatch Advisors, Inc.</li> </ul>
Weymouth ► Custodian: Comerica ► Consultant: Fiducient Advisors, LLC	<ul> <li>747 Capital</li> <li>Acadian Asset Management, LLC</li> <li>Adams Street Partners</li> <li>Aristotle Capital Management, LLC</li> <li>Axiom Investors, LLC</li> <li>BlackRock Advisors, LLC</li> <li>Boston Trust Walden Company</li> <li>Brooke Private Equity Associates Management, LLC</li> <li>Brandywine Global Investment Management, LLC</li> <li>Constitution Capital Partners, LLC</li> </ul>	<ul> <li>EnTrust Global Partners, LLC</li> <li>Hamilton Lane</li> <li>Harbor Capital Advisors Inc.</li> <li>HarbourVest Partners, LLC</li> <li>Landmark Partners, LLC</li> <li>Lazard Asset Management, LLC</li> <li>MIRA, Americas Inc.</li> <li>Oaktree Capital Management, LP</li> <li>Principal Global Investors LLC</li> </ul>	<ul> <li>PRIT Fund</li> <li>RhumbLine Advisers</li> <li>Riverbridge Partners, LLC</li> <li>Seizert Capital Partners, LLC</li> <li>Siguler Guff Advisers, LLC</li> <li>Stockbridge Core and Value Advisors</li> <li>TerraCap Management, LLC</li> <li>Wellington Management Company, LLP</li> <li>Western Asset Management Co.</li> </ul>
Winchester	• PRIT Fund		
Winthrop	PRIT Fund		
Woburn ► Custodian: M&T Bank Wilmington Trust	PRIT Fund	Charlesbank Capital Partners LLC	Stafford Private Equity Inc.
Worcester  ➤ Custodian: M&T Bank Wilmington Trust  ➤ Consultant: Meketa Investment Group	<ul> <li>Acadian Asset Management, LLC</li> <li>AEW Capital Management, LP</li> <li>American Securities, LLC</li> <li>Ascent Venture Partners</li> <li>Boston Millenia Partners</li> <li>BTG Pactual Timberland Investment Group, LLC</li> <li>Capital International, Inc.</li> <li>Charlesbank Capital Partners, LLC</li> </ul>	<ul> <li>Eaton Vance Management</li> <li>EnTrust Global Partners, LLC</li> <li>Global Infrastructure Management, LLC</li> <li>IFM Investors (US) Advisor, LLC</li> <li>Income Research &amp; Management</li> <li>Loomis, Sayles &amp; Company</li> <li>Newstone Capital Partners, LLC</li> <li>Northstar Company, LLC</li> </ul>	<ul> <li>Old Farm Partners LP</li> <li>PRIT Fund</li> <li>Ridgemont Equity Partners</li> <li>Riverside Company</li> <li>State Street Global Advisors</li> <li>Stonepeak Partners LP</li> <li>TA Associates Management</li> <li>White Deer Energy</li> </ul>
Worcester Regional	PRIT Fund		

### **PRIM Investment Vendors**

(Organized by Service Provider Type)

#### Custodian:

**BYN Mellon** 

#### **External Auditor:**

KPMG, LLP

#### Consultants:

- Aberdeen Asset Management Inc. Portfolio Completion Strategies Advisory Services
- Albourne Operational Due Diligence Service Provider
- Hamilton Lane Private Equity Advisory Services
- International Woodland Company Timberland Advisory Services
- Meketa Public Market Advisory Services
- NEPC, LLC Asset Allocation Advisory Services
- NewAlpha Asset Management Portfolio Completion Strategies Advisory Services

### **Domestic Equity Managers**

- Acadian Asset Management, LLC
- · Brandywine Global Investment Management
- Driehaus Capital Management, LLC

- · Frontier Capital Management
- Lord, Abbett & Co., LLC
- Rhumbline Advisers

- · Riverbridge Partners
- · State Street Global Advisors
- Summit Creek Advisors

### **International Equity Managers**

- · Acadian Asset Management, LLC
- Artisan Partners
- AQR Capital · Baillie Gifford
- · ARGA Investment Management

- · C Worldwide Asset Management Causeway Capital Management
- · Columbia Threadneedle
- · Driehaus Capital Management, LLC
- · Marathon Asset Management, LLP
- **Mondrian Investment Partners**

- PineStone Asset Management
- · Pzena Investment Management
- Russell Implementation Services
- · State Street Global Advisors
- Walter Scott
- · Xponance

#### **Emerging Market Managers**

- · Acadian Asset Management, LLC
- AQR Capital

- Baillie Gifford
- Driehaus Capital Management, LLC

- · Pzena Investment Management
- Wasatch Advisors, Inc.

#### **Core Fixed Income Managers**

- AFL-CIO Housing Investment Trust
- · Bivium Capital Partners
- Blackrock Financial Management, Inc.
- Loomis, Sayles & Company
- · Longfellow Investment Management New Century Advisors, LLC
- · Pacific Investment Management Company, LLC
- Pugh Capital Management

#### Value-Added Fixed Income Managers

- · 400 Capital Management, LLC
- · Anchorage Capital Group, LLC
- ArrowMark Partners
- · Ashmore Investment Management, Ltd.
- BentallGreenOak
- · Berkshire Group, LLC
- · Bivium Capital Partners

- Blue Owl Capital
- Eaton Vance Institutional Funds
- · Fidelity Management Trust Company
- Kohlberg Kravis Roberts and Co.
- LibreMax Capital
- Loomis, Sayles & Company, LP
- Morgan Properties

- Mudrick Capital Management, LP
- · Newmarket Capital
- · Oaktree Capital Management
- · Pacific Investment Management Company, LLC
- · Shenkman Capital Management
- Voya Financial

### Alternative Investments — Real Estate Managers

- · AEW Capital Management
- · Berkshire Group, LLC
- Blackstone
- Cambridge Associates

- · CBRE Global Investors
- · CenterSquare Investment Management
- DivcoWest

- · INVESCO Realty Advisors
- · LaSalle Investment Management
- · PGIM, Inc.
- Stockbridge

#### Alternative Investments — Timberland

· Campbell Group, LLC

Forest Investment Associates

### Alternative Investments — Portfolio Completion Strategy Managers

- · 400 Capital Management
- · Basswood Capital Management, LLC
- Blackrock Aviation
- Brigade Capital G.P., LLC
- · Cantab Capital Partners, LP
- · Canvas Capital
- · Capula Management Limited
- CKC Capital, LLC
- Complus Asset Management Limited
- Contrarian Capital Management

- · Davidson Kempner Advisors, Inc.
- · DLD Asset Management, LP
- · Elliot Capital Advisors, LP
- FIR Tree Capital Management
- · Highland Peak Capital
- · Investcorp Investment Advisors, LLC
- JEN Partners, LLC
- · Land and Buildings Investment Management
- LMCG Investments, LLC
- Mudrick Capital Management, LP

- · North Peak Capital Management
- · Oaktree Capital Management
- Pacific Alternative Asset Management Co. (PAAMCO)
- · PGIM, Inc.
- · RV Capital Management Pvt., Ltd.
- · Sightway Capital
- · Silver Creek Advisory Partners, LLC
- · Summit Partners Public Asset Management, LLC
- Trium Capital
- Valent Asset Management

### PRIM Investment Vendors

(Organized by Service Provider Type)

#### Alternative Investments — Private Equity and Private Debt Managers

#### **PRIVATE EQUITY:**

- · 5th Century Partners
- 1315 Capital
- · Acon Investments
- Advent International
- · Alphi Capital
- · Alta Communications
- · American Industrial Partners
- American Securities
- · Apollo Management Co.
- Ascent Venture Partners
- · Austin Ventures
- · Bain Capital
- · Battery Ventures
- · Berkshire Partners
- · Blackstone Capital Partners
- · Bridgepoint Capital
- Carlyle Partners
- Castille Ventures
- · Catalyst Investors
- · Centerbridge Capital
- · Charlesbank Capital Partners
- · Charterhouse Capital
- · Chequers Capital
- · Clearhaven Partners
- CVC Capital
- · Denham Capital Management
- · Elysian Capital
- Essex Woodlands Health Ventures
- · Ethos Private Equity
- · Exponent Private Equity
- First Reserve Corporation
- Five Elms Capital
- · Flagship Pioneering
- GENSTAR Capital
- · Georgian Partners
- · GTCR Golder Rauner
- · Hellman & Friedman Capital Partners

- H.I.G. Capital Partners
- · Highland Capital
- · HongShab Capital
- · Hony Capital
- · Index Ventures
- · Insight Partners
- · Institutional Venture Partners
- InterWest Partners
- JMI Equity
- · Kelso & Company
- · Kepha Partners
- · Keytone Ventures
- Knox Lane
- · Kohlberg Kravis Roberts and Co.
- · KPS Capital Partners
- Lovell Minnick Partners
- Madison Dearborn Capital Partners
- Medicxi Ventures
- Menlo Ventures
- Montagu
- · Montreux Equity Partners
- Nautic Partners (Chisholm Management Co.)
- New Enterprise Associates
- Nordic Capital
- Odyssey Investment Partners
- · Onex Capital
- · Permira Ventures
- · Polaris Growth Partners
- · Polaris Venture Partners
- · Providence Equity Partners
- · Providence Strategic Growth
- Quad-C Management
- · Quantum Energy Partners
- Red Arts Capital
- · Rembrandt Venture Partners
- Rhone Group, LLC
- · Rivian Capital
- · SAIF Partners

- SCP Vitalife
- · Sherbrooke Capital
- Sofinnova Ventures, Inc.
- Spark Capital
- · Stone Point Capital (Trident Capital)
- Summit Ventures
- · SV Life Sciences Advisors
- TA Associates
- · Technology Crossover Ventures
- · Tenaska Capital
- Texas Pacific Group
- · The Gores Group
- Thoma Bravo
- Thoma Cressey Partners
- Thomas H. Lee Equity Partners, LP
- · Thompson Street Capital
- Tidemark
- Torquest Partners
- · Towerbrook Capital Partners
- TPG Capital
- Union Square Ventures
- VantagePoint Partners
- · Vista Equity Partners
- · Waterland Private Equity
- · WestView Capital Partners
- · Wing Ventures
- · Xenon Private Equity, LTD

### **PRIVATE DEBT:**

- · Anchorage Capital
- · AS Birch Grove
- · Avenue Capital Group
- · CarVal Investors
- · Centerbridge Special Credit
- · Crescent Capital Group
- · GSO Capital Partners · HIG Capital
- · Oaktree Capital Management
- · Trust Company of the West (TCW)
- Wayzata Investment Partners

	Overlay Managers (Cash)	
Parametric Portfolio Associates, LLC		