



Report Card

Project Feasibility **A+**  
Bond Issue/Millage Campaign **A+**  
Project Management **A+**

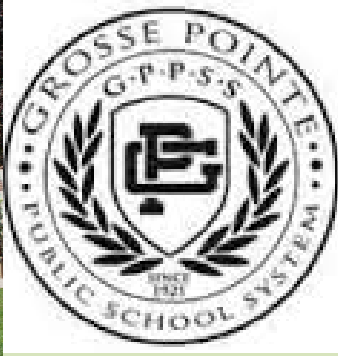


plante moran CRESA  
REAL ESTATE CONSULTANTS

# Grosse Pointe Public Schools

## Strategic Capital Planning

September 26, 2016





## Overview

### ☐ Who, What, Why, Where, When, and How....

- Plante Moran Cresa Overview
- Facility Assessment Process
- Capital Funding Considerations
- Next Steps





*Report Card*

*Project Feasibility A+*  
*Bond Issue/Millage Campaign A+*  
*Project Management A+*



# Plante Moran Cresa Overview



**Who is Plante Moran CRESA?**

**Collective Expertise**

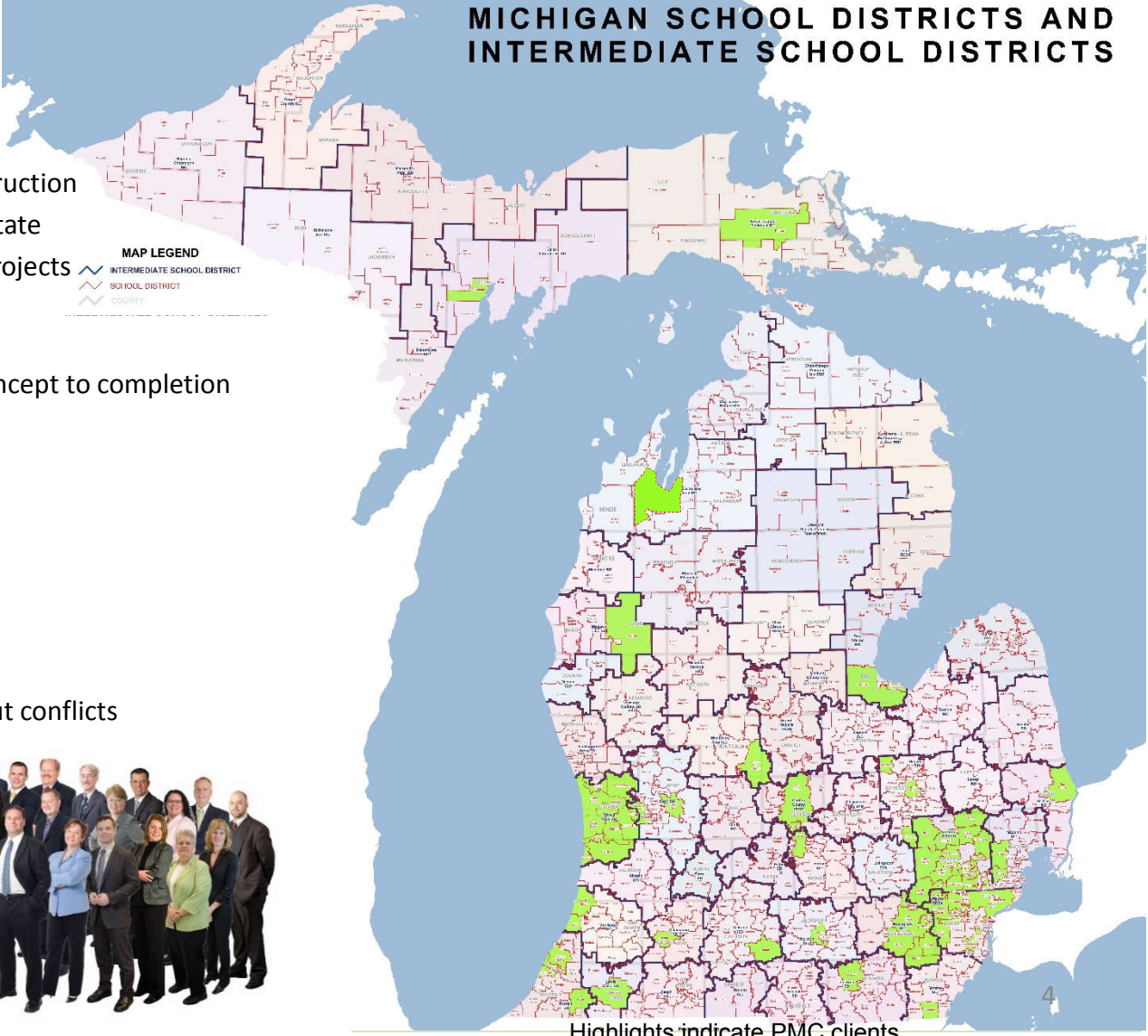
Planners, architects, engineers, construction experts, financial advisors and real estate Professionals with over \$1B in K-12 projects

**Full Service**

- Ability to service K-12 clients from concept to completion
- Enrollment Projections
- Feasibility Studies
- Capital Planning
- Program Management
- Real Estate Asset Positioning

**Independent Advice**

Advisory services are provided without conflicts



**MICHIGAN SCHOOL DISTRICTS AND INTERMEDIATE SCHOOL DISTRICTS**

Highlights indicate PMC clients




**Farmington Public Schools**  
 Jon Riebe, Director of Facilities Management  
 Jon.Riebe@farmington.k12.mi.us  
 (248) 489-3435  
 32500 Shiawassee | Farmington, MI 48336

- \$131.5 Million
- 1.9 Million SF
- Pre-Bond Planning
- Owner's Representation Services



**DeWitt Public Schools**  
 Dr. John Dieter, Superintendent  
 dieter@dewittschools.net  
 (517) 668-3001  
 2957 W. Heribson Rd. | DeWitt, MI 48820

- \$12 Million
- Renovations & Additions of 8 Facilities
- Classroom Additions
- Owner's Representation Services



**Birmingham Public Schools**  
 Daniel A. Nerad, Ed.D, Superintendent  
 dn03bps@birmingham.k12.mi.us  
 (248) 203-3006  
 31301 Evergreen Road | Beverly Hills, MI 48025

- \$65 Million 2015 Bond Program
- Renovations, Additions, & Site Work for 15 Facilities
- Pre-Bond Planning
- Owner's Representation Services



**Clarenceville Schools**  
 Paul Shepich, Superintendent  
 (248) 919-0250  
 20210 Middlebelt Road | Livonia, MI 48152

- \$2 Million Sinking Fund
- New Cafeteria
- Roof Replacements
- Renovations
- Owner's Representation Services



**Livonia Public Schools**  
 Andrea Oquist, Superintendent  
 aquist@livoniapublicschools.org  
 (734) 744-2589  
 15125 Farmington Road | Livonia, MI 48154

- \$195 Million
- Renovations & Additions of 27 Facilities
- 2.8 Million SF
- Pre-Bond Planning
- Owner's Representation Services



**Detroit Public Schools**  
 Roderick L. Brown, PE, PMP, LSSMBB  
 Executive Director of Bond Program  
 (313) 409-5878  
 roderick.brown@detroitk12.org  
 3011 W. Grand Blvd. | Detroit, MI 48202

- \$500 Million Bond
- ARRA Compliance Oversight
- Design Documents Review
- Contractor Invoice Review
- Consulting Services



**Novi Community School District**  
 Dr. Steven Matthews, Superintendent  
 SMatthews@novi.k12.mi.us  
 (248) 449-1234  
 25345 Taft Road | Novi MI 48374

- \$70 Million
- Facility Assessments
- Pre-Bond Planning
- Owner's Representation Services



**Onsted Community Schools**  
 Mark Haag, Superintendent  
 markh@wildcat.onsted.k12.mi.us  
 (517) 467-2174  
 10109 Slee Rd. | Onsted, MI 49265

- \$12 Million Bond
- Facility Bond Planning & Enrollment Projections
- ARRA Compliance Oversight
- Design Documents Review
- Contractor Invoice Review



**Van Buren Public Schools**  
 Mike Van Tassel, Superintendent  
 mvantassel@vanburenschools.net  
 (734) 697-9126 ext. 209  
 555 W. Columbia Ave. | Belleville, MI 48111

- \$80 Million
- New High School
- 366,000 SF
- Pre-Bond Planning
- Owner's Representation Services




**Montrose Community Schools**  
 Mark Kleinhans, Former Superintendent  
 (Now Superintendent at Bedford Public Schools)  
 mark.kleinhans@bedford.k12.mi.us  
 (734) 850-6001  
 300 Nanita Dr | Montrose, MI 48457

- \$16 Million Bond
- Renovations & Additions of 8 Facilities
- Owner's Representation Services



**Warren Consolidated Schools**  
 Dr. Robert Livernois, Superintendent  
 livernois@wcskids.net  
 (586) 698-4093  
 31300 Anita | Warren, MI 48093

- \$210 Million
- Renovations & Additions of 33 Facilities
- 3.2 Million SF
- Pre-Bond Planning
- Owner's Representation Services



**Lincoln Consolidated Schools**  
 Ellen Bonter, Superintendent  
 bontere@gw.lincolnk12.com  
 (734) 484-7001  
 8970 Whittaker Road | Ypsilanti, MI 48197

- \$35 Million
- Renovations & Additions of 9 Facilities
- 650,000 SF
- Pre-Bond Planning
- Owner's Representation Services



**Cassopolis School District**  
 Gregory Weatherspoon, Superintendent  
 gweatherspoon@cassopolis.org  
 (248) 445-0549  
 725 Center Street | Cassopolis, MI 49031

- \$16 Million
- 60,000 SF. Addition
- 30,000 SF Renovation
- Pre-Bond Planning
- Owner's Representation Services



**Milan Area Schools**  
 Bryan Girbach, Superintendent  
 girbachb@milanareaschools.org  
 (734) 439-5009  
 100 Big Red Drive | Milan, MI 48160

- \$49 Million
- Renovations & Additions of 6 Facilities
- 798,000 SF
- Owner's Representation Services



**Ypsilanti Public Schools**  
 Dedrick Martin, Former Superintendent  
 (Now Superintendent at St. Johns Public Schools)  
 martind@sjredwings.org  
 (989) 227-4001  
 1885 Packard Road | Ypsilanti, MI 48197

- \$52 Million
- Renovations & Additions of 14 Facilities
- 11 Million SF
- Pre-Bond Planning
- Owner's Representation/Consulting Services



**Niles Community Schools**  
 Dr. Richard Weigel, Former Superintendent  
 (Now Superintendent at Portage Township Schools)  
 weigelra@tc3net.com  
 (219) 764-6002  
 111 Spruce St | Niles, MI 49120

- \$2 Million QZAB Bond
- New Tech High School
- Pre-Bond Planning
- Renovation of Existing High School



Report Card

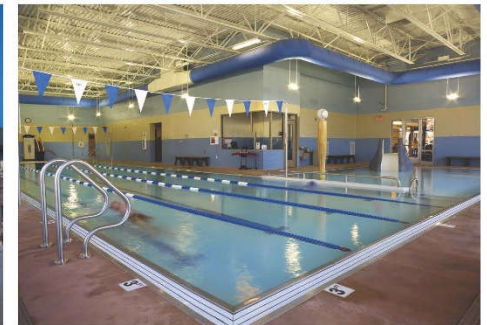
Project Feasibility **A+**  
 Bond Issue/Millage Campaign **A+**  
 Project Management **A+**



## Other PMC Clients



GROSSE POINTE LIBRARY



GROSSE POINTE NEIGHBORHOOD CLUB

**PROJECT DETAILS:** The Grosse Pointe Public Library had outgrown its existing locations and needed new facilities to improve service offerings and increase visitation

**Services Provided:**  
 Site Plan Approval  
 Design Advocacy  
 Construction Team Selection  
 Project Management  
 Furniture Procurement  
 Move Management

**Size:**  
 43,300 sq. ft.

**Location:**  
 Grosse Pointe, MI

**Completed:**  
 2006

GPPL engaged Plante Moran Cresa (PMC) as project manager to assist with its planned expansion at two new sites and to oversee the complete construction of two new library facilities.

PMC worked with the library's design team to maximize building efficiency. By providing the insights and acumen of value engineering, PMC was able to increase the square footage of one branch by over 30% of that proposed by the original design without increasing the budget. Project management by PMC resulted in both facilities being completed under budget in 20 months, with \$210,000 in savings transferred back to GPPL.

Additionally, PMC coordinated building moves, furniture procurement and commissioning.

**PROJECT DETAILS:**

**Services Provided:**  
 Strategic Planning  
 Project Feasibility  
 Leasing Strategy  
 Capital Acquisition  
 Development Structuring  
 Project Management

**Size:**  
 41,000 SF  
**Cost:**  
 \$11 million

Holding its first meeting in 1911, the Grosse Pointe Neighborhood club was founded to meet the social service needs of the community, as well as provide recreational and educational programs for its residents. The club was operating in an aging building in need of renovations.

Plante Moran Cresa (PMC) was engaged to provide comprehensive feasibility, development and project management services for Grosse Pointe Neighborhood Club's new \$11 million, 41,000 square foot facility.

Beaumont Hospital has signed on to be a tenant in the building to provide wellness services. The new facility will feature a pool, exercise facilities, gym, conference rooms, and classrooms.

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## Other PMC Clients



THE DETROIT MEDICAL CENTER

**PROJECT DETAILS:**

**Services Provided:**

- Master Schedule
- Procurement
- Project Management
- Move Management

**Size:**

\$500 Million  
Construction

The Detroit Medical Center (DMC) is the largest health care provider in southeast Michigan with more than 2,000 beds and 3,000 physicians throughout its five campuses. An acquisition by Vanguard Health Systems in 2011 brought an additional \$500 million in capital improvements to the DMC.

DMC engaged Plante Moran Cresa (PMC) to develop a master schedule for its \$500 million capital improvement program and to lead in the procurement of professional architecture, engineering, construction management, and other services. PMC will manage these services over the five year, five campus project including: a new four-story Pediatric Specialty Center, a 175,000 square foot Children's Hospital Tower, and a new Cardiovascular Institute. Additionally, expanded and modernized facilities will be designed and constructed for Detroit Receiving Hospital, Sinai Grace Hospital, Harper/Hutzel Hospital, the Rehabilitation Institute, and Huron Valley-Sinai Hospital.

PMC actively managed the \$64 million capital improvement project of the West Campus, which includes the Harper University Hospital/Hutzel Women's Hospital. The project consisted of Surgical Services Renovation, Lobby Expansion, Ground Floor Redesign, Inpatient Renovations, 6th Floor Renovation, along with work for the Rehabilitation Institute of Michigan. PMC has also provided expertise and has augmented DMC's project development staff on the balance of the project where requested.

...and in recent news!





*Report Card*

*Project Feasibility* A<sup>+</sup>  
*Bond Issue/Millage Campaign* A<sup>+</sup>  
*Project Management* A<sup>+</sup>



# Facility Assessment Process





- ❑ Plante Moran Cresa is able to perform an independent facility assessment review of the GPPS major buildings and sites. Site visits will take place in October and November 2016
  - ❑ The goal of this assessment is to provide GPPS a “road map” to help establish needs for future capital improvement projects and future bond planning purposes throughout the district. Update reports will be provided to GPPS in November and December 2016
- ❑ The assessments primary focus will be three major components:
  - Critical need/life safety
  - Facility needs & replacement
  - Property enhancements



*Report Card*

Project Feasibility **A<sup>+</sup>**  
Bond Issue/Millage Campaign **A<sup>+</sup>**  
Project Management **A<sup>+</sup>**



- PMC will review the Elementary, Middle and High School buildings and sites
  
- PMC's review will include site work, building envelope, mechanical/electrical systems, environmental, educational technology, security and surveillance needs, site traffic, furniture, and furnishings/equipment needs for the school district.
  - The report will represent a statement of the physical condition of the buildings and properties based upon visual site observation. Our assessment review will be non-invasive nor diagnostic.



## ❑ Evaluation Definitions

The following terms will be used throughout the report and are defined as follows:

- Excellent:** New or like new
  
- Good:** Average to above-average condition for the building system or material assessed, with consideration of its age, design, and geographical location. Generally, other than normal maintenance, no work is recommended or required
  
- Fair:** Average condition for the building system evaluated. Satisfactory; however, some short term and/or immediate attention is required or recommended (primarily due to normal aging and wear of the building system) to return the system to a good condition
  
- Poor:** Below average condition for the building system evaluated. Requires immediate repair, significant work, or replacement is anticipated to return the building system or material to an acceptable condition.



Report Card

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**Facility Assessment Report Overview**



**Hillcrest Elementary School**  
 The following summarizes the significant building information.

Property Name:	
Street Address:	7500
Primary Use:	
Year Built:	
Number of Stories:	
Total Building Area:	
Net Rentable Area:	
Number of Rooms:	
Reported Occupancy:	
Reported Site Area:	
Flood Zone:	
Seismic Zone:	
On-site Parking Spaces:	Appr
On-site Handicap Parking Spaces:	
Superstructure:	
Basement:	
Exterior Facade(s):	
Roof(s):	Membrane / Rubber
Fuel Tank:	N/A
Heating:	Boiler system / Forced Air
Air-Conditioning:	None
Hot Water:	Water tanks
Electrical Wiring:	Original / Partial update
Number of Elevators:	0
Fire Sprinkler:	None
Date of Site Observation:	December 15, - December 31, 2014



Existing window units are to be removed and an upgrade system installed throughout.

Existing office configuration for safety and functional.

Existing power and data is unsafe in some conditions for repair.





**GPPS Facility Assessment Comparison to K-12 Industry Standards**

☐ Average Capital Bond Cost per s.f. for Infrastructure Improvement for K-12 Districts over the past 20 years

Item	Low	High
• Roofing	\$6	\$8
• Site	\$4	\$6
• Windows	\$8	\$12
• Interiors/Finishes:	\$9	\$14
• Mechanical	\$12	\$16
• Electrical/Security	\$4	\$6
• Plumbing	\$3	\$5
• Furniture	\$4	\$6
• Performing Arts	\$4	\$6
• Technology/Infrastructure	\$11	\$16
<b>Average:</b>	<b>\$65</b>	<b>\$95</b>

☐ GPPS Capital Bond Costs:

Item	Costs	per s.f. costs (based on XXX,XXX s.f.)
• Critical Needs/Life Safety	\$TBD	\$TBD
• Facility Needs/Replacement	\$TBD	\$TBD
• Property Enhancement	\$TBD	\$TBD
<b>Total Needs/Enhancements:</b>	<b>\$TBD</b>	<b>\$TBD</b>



# Capital Funding Considerations



### Funding Options for Future GPPS Capital Programs:

- ❑ General Fund
  - District allocates for capital outlay from the General Fund (Operating Fund)
  
- ❑ Sinking Fund
  - District may establish a sinking fund to provide funding on a pay-as-you-go basis
  - Fund is approved through a school election
  - District may not levy more than certain mill(s) for a certain period of time (pay-as-you-go)
  - Use of funds limited to certain type of improvements
  
- ❑ Bond Fund
  - Qualified Bond – requires qualification be granted by Department of Treasury
  - Non-Qualified Bond – May not exceed 15% of the assessed value of the District
  - Both types of bonds may be issued for a period of no more than 30 years
  - Use of funds limited to certain type of improvements



Funding Options for Future GPPS Capital Programs:

Sinking Fund Proceeds

- Use of funds limited to certain type of improvements (excludes technology equipment, buses, and FF&E).

**COMPARISON OF USES OF SINKING FUND  
 MILLAGE AND VARIOUS TYPES OF BOND PROCEEDS**

Uses	Sinking Fund	Voted Bonds
New Construction	Yes	Yes
Remodeling	Yes	Yes
Technology Infrastructure	Yes	Yes
Site Improvements	Yes	Yes
Equipment	No*	Yes
Technology Equipment	No*	Yes
Buses	No*	Yes
Repairs (curative rather than preventative measures)	Yes	No
<b>Limits on levy or bond issue size</b>	<b>Number of Mills: Up to 5 mills for up to 20 yrs. Pay as you go.</b>	<b>Bond issue size: 15% of SEV or if SBLF Qualified, no debt limit unless unable to repay SBLF loans, if any, on series within 6 years after maturity.</b>
Source: Miller Canfield		16





Funding Options for Capital Programs:

Bond Fund Proceeds

- Use of funds limited to certain type of improvements (includes technology equipment, buses, and FF&E)
- Can be either qualified or non-qualified type bond

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

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

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

Source: Dept. of Treasury



## Bond Approach Options for Future GPPS Capital Programs:

### Qualified Bond Approach

- State qualification is based on a preliminary qualification review process
  - Schedule a preliminary qualification meeting approximately 6 months prior to election date
  - Information needs to be submitted and certified by the Clerk 84 days prior to election date
  - Certified application must be submitted 30 days prior to the District calling for a bond election
  - Final qualification process upon approval of the bond proposal by the District's voters
  - Adheres to prevailing wage requirements of the Dept. of Treasury

### Non-Qualified Bond Approach

- Information needs to be submitted and certified by the Clerk 84 days prior to election date
- Fund expenditures (including Sinking Funds) are not subject to prevailing wage requirements



Timing Options for GPPS Capital Programs:

☐ Three Regular Election Cycles

- 1<sup>st</sup> Tuesday after the first Monday in May;
- 1<sup>st</sup> Tuesday after the first Monday in August;
- 1<sup>st</sup> Tuesday after the first Monday in November

☐ Information needs to be submitted and certified by the Clerk 84 days prior to Election Date (Michigan Public Act 253 of 2013)

Elections	School Bond Proposals	Passage Rate	With Millage Increase	Passage Rate	Without Millage Increase	Passage Rate
Feb-12 *	13	46%	8	25%	5	80%
May-12	25	68%	17	59%	8	88%
Aug-12	20	60%	17	53%	3	100%
Sep-12	2	100%	1	100%	1	100%
Nov-12 **	13	31%	9	11%	4	75%
Feb-13	13	69%	9	56%	4	100%
May-13	31	74%	21	62%	10	100%
Aug-13	6	33%	4	0%	2	100%
Sep-13	1	100%	1	100%	0	n/a
Nov-13	25	64%	17	53%	8	88%
Feb-14	9	56%	6	33%	3	100%
May-14	37	84%	26	77%	11	100%
Aug-14	7	71%	5	80%	2	50%
Nov-14 ***	13	62%	12	58%	1	100%
<b>Totals</b>	<b>215</b>	<b>141 passed</b>	<b>153</b>	<b>84 passed</b>	<b>62</b>	<b>57 passed</b>
		<b>66%</b>		<b>55%</b>		<b>92%</b>

\* presidential primary      \*\*presidential election  
 \*\*\*gubernatorial election



## Next Steps...

Considerations on the following;

- How will GPPS address capital/technology needs in the future?
- Should GPPS consider a continuation of the sinking fund, and/or consider either a non-qualified or qualified type bond?
- What election date should a proposal be placed on?
- What is the dollar amount required to address capital/technology needs versus the dollar amount that could be supported by the Community?
- What capital/technology needs should be included in that dollar amount?



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*Bond Issue/Millage Campaign* A<sup>+</sup>  
*Project Management* A<sup>+</sup>



## Helping to Plan the Future:

Paul Wills, AIA  
Partner

(248) 223-3316

[Paul.wills@plantemoran.com](mailto:Paul.wills@plantemoran.com)

Jeff Atkins, CPE, PMP  
Vice President

586-615-1332

[Jeff.atkins@plantemoran.com](mailto:Jeff.atkins@plantemoran.com)



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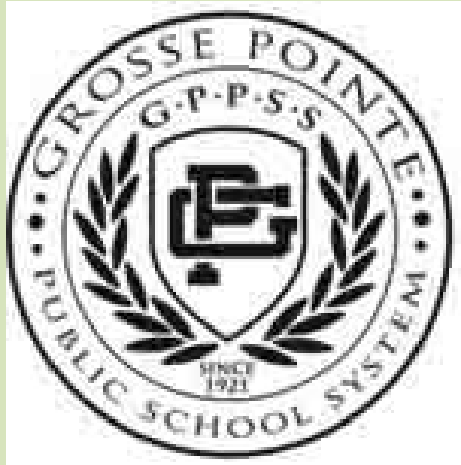


# Pupil Enrollment Projection Study Report

Presented to:

## Grosse Pointe Public Schools

September 12, 2016





*Report Card*

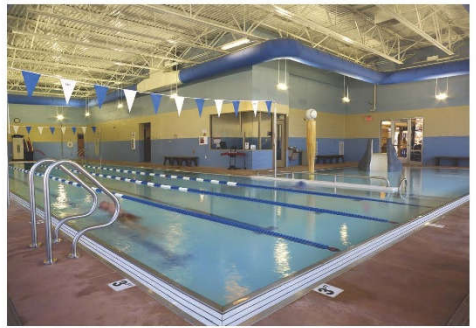
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## Other PMC Clients



**GROSSE POINTE LIBRARY**



**GROSSE POINTE NEIGHBORHOOD CLUB**

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**Services Provided:**  
 Site Plan Approval  
 Design Advocacy  
 Construction Team Selection  
 Project Management  
 Furniture Procurement  
 Move Management

**Size:**  
 43,300 sq. ft.

**Location:**  
 Grosse Pointe, MI

**Completed:**  
 2006

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**PROJECT DETAILS:**

**Services Provided:**  
 Strategic Planning  
 Project Feasibility  
 Leasing Strategy  
 Capital Acquisition  
 Development Structuring  
 Project Management

**Size:**  
 41,000 SF

**Cost:**  
 \$11 million

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Beaumont Hospital has signed on to be a tenant in the building to provide wellness services. The new facility will feature a pool, exercise facilities, gym, conference rooms, and classrooms.



**Projection vs. Actual  
General Education (K-12)  
Based on Fall Numbers**

Year		Birmingham Public Schools	Bloomfield Hills Schools	Clarkston Community Schools	Farmington Public Schools	Lakeshore Public Schools	Northville Public Schools	Novi Community Schools	Plymouth-Canton Schools	Port Huron Area Schools	Rochester Community Schools	Royal Oak Schools	Utica Community Schools	Walled Lake Consolidated Schools	Average Accuracy	Median Deviation
2011	Projection	7,710	4,866									5,317		15,219		
	Actual	7,795	4,964									5,285		15,090		
	Accuracy	-1.10%	-2.01%										0.60%		0.85%	-0.42%
2012	Projection	7,778	4,910		10,879		7,043	6,162	17,977			5,289		15,242		
	Actual	7,842	5,056		10,850		7,065	6,286	17,698			5,155		15,092		
	Accuracy	-0.82%	-2.97%		0.27%		-0.31%	-2.01%	1.55%			2.53%		0.98%	-0.29%	-0.57%
2013	Projection	7,876	4,977		10,674	2,876	7,087	6,220	17,376	9,416		5,163		14,803		
	Actual	7,757	5,022		10,484	2,830	7,137	6,313	17,390	9,264		4,965		14,495		
	Accuracy	1.51%	-0.90%		1.78%	1.60%	-0.71%	-1.50%	-0.08%	1.61%		3.83%		2.08%	0.47%	0.72%
2014	Projection	n/a	5,018		10,326	2,831	7,246	6,330	n/a	9,332		4,985		n/a		
	Actual		4,915	7,676	9,930	2,799	7,054			9,066	14,526	4,903	26,987	14,271		
	Accuracy	n/a	2.05%	n/a	3.83%	1.13%	2.65%			2.85%	n/a	1.64%	n/a	n/a	2.36%	2.35%
2015	Projection	8,147	4,930	7,529	9,769	2,765	7,053	n/a	n/a	8,857	14,456	4,881	26,803	n/a		
	Actual	8,110	4,929	7,529	9,608	2,769	7,199			8,858	14,603	4,901	26,726	13,843		
	Accuracy	0.45%	0.02%	0.00%	1.65%	-0.14%	-2.07%			-0.01%	-1.02%	-0.41%	0.29%	n/a	-0.12%	-0.01%
2016	Projection	8,101	4,955	7,362	9,391	2,776	7,285	n/a	n/a	8,806	14,586	4,918	26,364	13,620		
	Actual															
	Accuracy															





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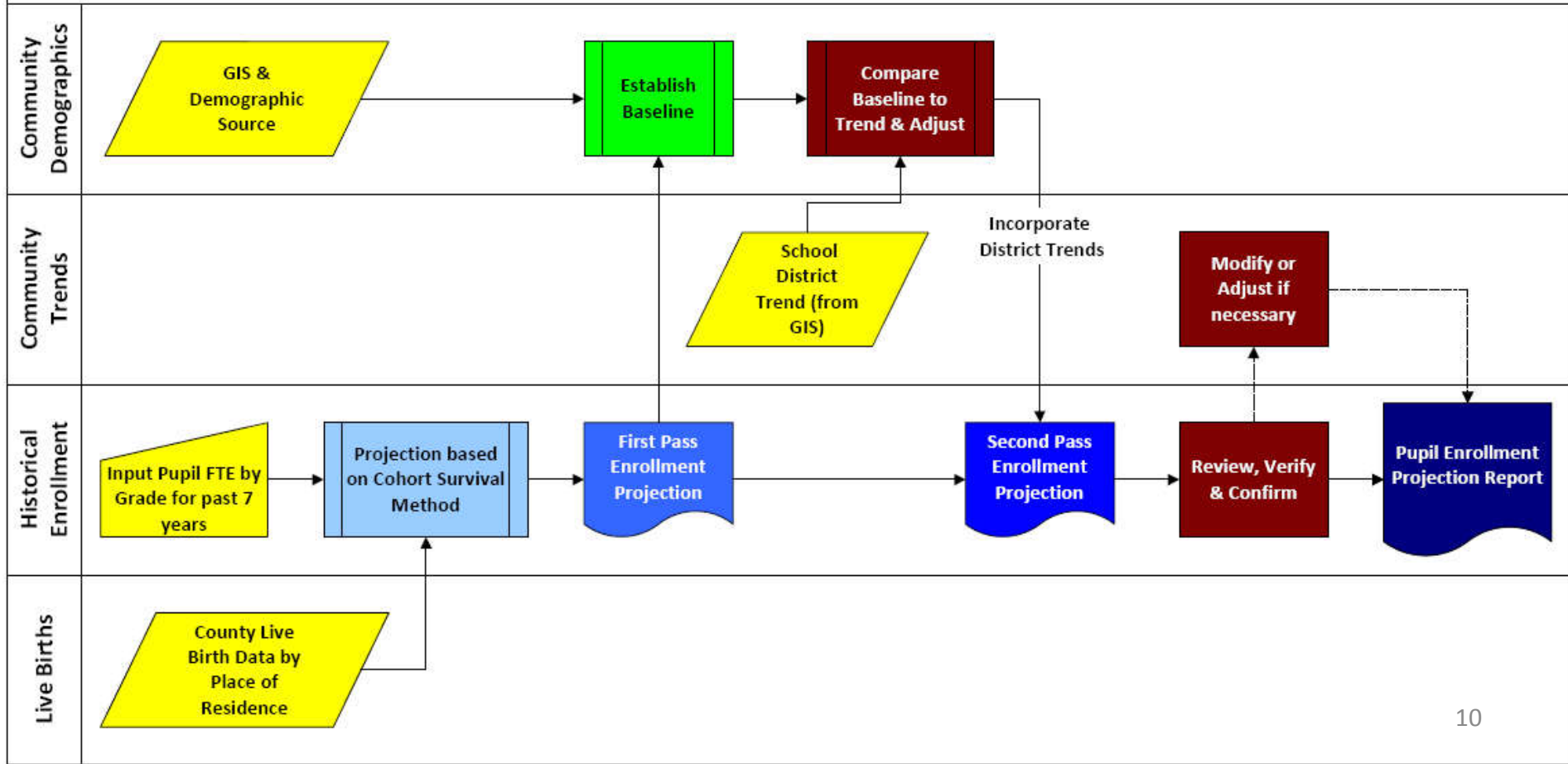


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REAL ESTATE CONSULTANTS

# Enrollment Projections



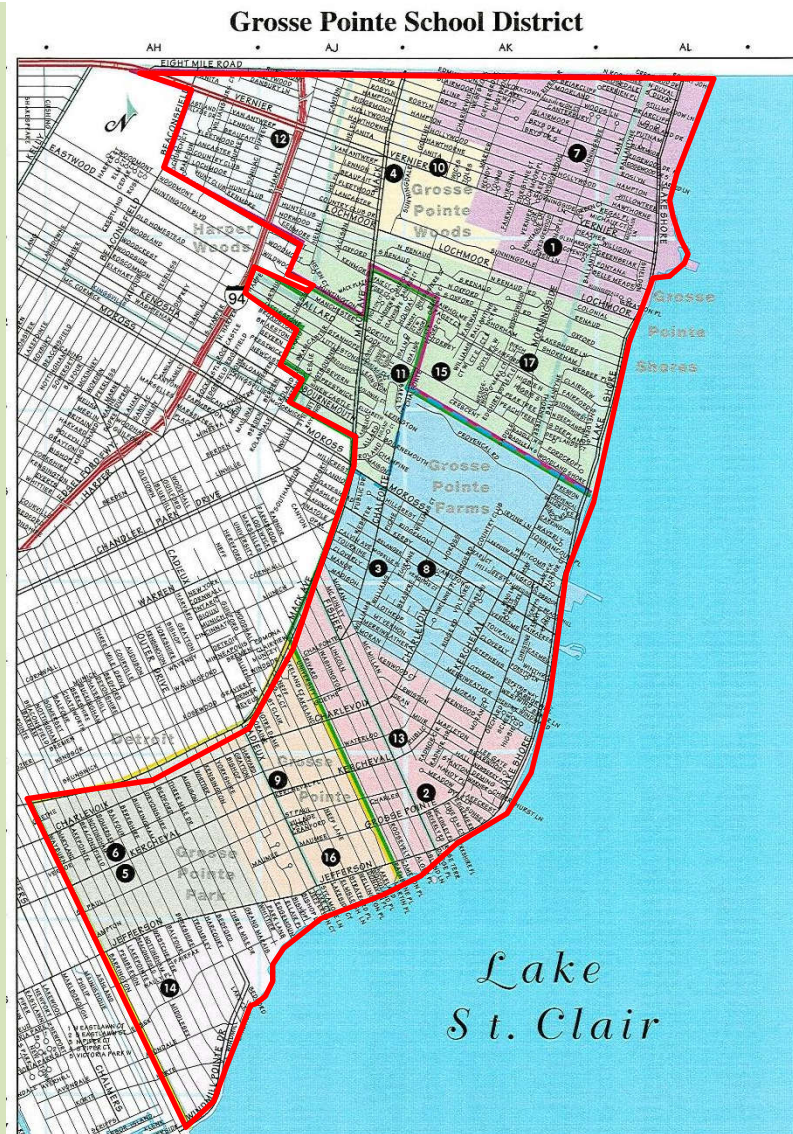
# Methodology





## □ PMC's Process

- Demographic Information
  - GIS
  - US Census Bureau
  
- Core Base Statistical Area
  - Primary Area (District)
  - Comparison #1 (County)
  - Comparison #2 (State)
  
- Cohort Survival – DS 4061
  
- Projection Methods
  - Method 1 – 6 year review
  - Method 2 – 2 year review
  - Method 3 – Avg. of Method 1 & 2





**School District Data Book**  
 === General Characteristics Profile (Summary) ===

Primary Area: Grosse Pointe Public School System  
 Comparison Area 1: County of: Wayne  
 Comparison Area 2: State of: Michigan

	<u>Primary Area</u>	<u>Comparison Area 1</u>	<u>Comparison Area 2</u>
	Grosse Pointe Public School System	Wayne County	Michigan
CBSA (Metropolitan Area) Code			
County Code (Some Districts)	26163	26163	
Grade Range (District)	KG - 12	00-00	00-00
<b>Total Persons (1/1/2015)</b>	50,496	1,763,724	9,938,074
Urban Population	100.00%	99.30%	74.66%
White	83.57%	48.71%	74.24%
Black	9.56%	38.00%	13.76%
Asian	2.16%	2.63%	2.63%
Am. Indian/Alaskan	0.20%	0.47%	0.68%
Other			
2 or More Races			
Hispanic			
<b>Median Age</b>			
<b>Total Housing Units</b>			
<b>Total Housing Units</b>			
<b>Median Housing Va</b>			
<b>Median Household</b>			
<b>Average Household Income</b>	\$ 129,720	\$ 88,049	\$ 75,479
<b>Per Capita Personal Income</b>	\$ 51,989	\$ 26,765	\$ 30,026
<b>High Income Average</b>	\$ 321,319	\$ 288,557	\$ 301,982
<b>Total Number of Families</b>	14,095	431,530	2,522,753
<b>Total Number of Households (1/1/2015)</b>	20,167	682,792	3,897,859
<b>Average Household Size</b>	2.50	2.55	2.49
<b>Median Household Size</b>	2.70	2.70	2.60
<b>Median Age of Household</b>	56.4	52.8	53.0
<b>Households with School Age Children</b>	8,341	308,539	1,535,705
% of Household with School Age Children	41.4%	45.2%	39.4%
Average # of K-12 children per household	1.25	1.09	1.19
Average # of K-12 children per housing unit	0.41	0.45	0.39
Median Year Move into School District	2003	2002	2002
<b>Enrolled School Age Children PK-12</b>	10,419	336,883	1,832,899
Enrolled in Public Pre-primary School	29.88%	73.06%	67.65%
Enrolled in Private Pre-primary School	70.12%	26.94%	32.35%
Enrolled in Public School (K-12)	81.97%	90.75%	89.59%
Enrolled in Private School (K-12)	18.03%	9.25%	10.41%
<b>Household Educational Attainment</b>			
Less Than High School (no diploma)	2.63%	15.18%	10.59%
High School Graduate	10.97%	28.88%	29.29%
Some College	18.51%	26.23%	24.46%
Associate's Degree (2 years)	7.19%	7.72%	8.93%
Bachelor's Degree (4 years)	31.75%	13.35%	16.37%
Master's Degree	18.96%	6.61%	7.65%
Professional Degree	7.62%	1.33%	1.63%
Doctorate Degree	2.38%	0.69%	1.07%
<b>Employment Profile</b>			
White Collar Occupations	81.51%	56.43%	59.15%
Blue Collar Occupations	7.27%	22.03%	21.54%
Service Occupations	11.21%	21.54%	19.30%



**Grosse Pointe Public School System Demographic Trends and Analysis  
(Summary)**

**City Name** Grosse Pointe Farms  
**CBSA (Metropolitan Area) Name** Detroit-Warren-Dearborn  
**County Name & Code** Wayne 26163  
**State Name** Michigan

			<u>2015 -2020</u>		
	<u>2010</u>	<u>2015</u>	<u>2020</u>	<u>Variance</u>	<u>Percent</u>
<b>Total Population</b>	52,002	50,496	50,956	460	0.9%
<b>Median Age</b>					
Total Aged 0-5 Years Old					
Total Aged 6-11 Years Old					
Total Aged 12-17 Years Old					
Total Aged 18-24 Years Old					
<b>Total Households</b>					
Median Household Size					
1 Person Households					
2 Person Households					
3 Person Households					
4 Person Households					
5 Person Households					
6 Person Households					
7 or more Person Households					
Median Age of Householder					
<b>Families</b>					
Family, Median Size					
Family, Median Age					
<b>Income Profile</b>					
Total Household Income (Community)					
Median Household Income					
Average Household Income					
Per Capita Household Income					
Household High Average Income					
Households Earning < \$15K					
Households Earning \$15-25K					
Households Earning \$25-35K					
Households Earning \$35-50K					
Households Earning \$50-75K					
Households Earning \$75-100K					
Households Earning \$100-125K					
Households Earning \$125-150K	1,810	1,816	1,900	84	4.6%
Households Earning \$150-200K	2,236	2,383	2,563	180	7.6%
Households Earning \$200K+	3,014	3,738	4,649	911	24.4%



**Grosse Pointe Public School System Demographic Trends and Analysis  
(Summary)**

<b>City Name</b>	Grosse Pointe Farms
<b>CBSA (Metropolitan Area) Name</b>	Detroit-Warren-Dearborn
<b>County Name &amp; Code</b>	Wayne 26163
<b>State Name</b>	Michigan

	2010	2015	2020	2015 -2020	
				Variance	Percent
<b>Enrolled School Age Children</b>					
Enrolled Public School (PK-12)	8,829	8,063	7,918	(145)	-1.8%
Enrolled Public Preprimary	274	274	281	7	2.6%
Enrolled Public Kindergarten	405	406	416	10	2.5%
Enrolled Public Grades 1-4	2,414	2,247	2,225	(22)	-1.0%
Enrolled Public Grades 5-8	2,456	2,199	2,135	(64)	-2.9%

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Enrolled Public Grades 5-8	2,456	2,199	2,135	(64)	-2.9%
Enrolled Public Grades 9-12	3,280	2,937	2,861	(76)	-2.6%
Enrolled Private School (PK-12)	2,439	2,356	2,375	19	0.8%
Enrolled Private Preprimary	678	643	642	(1)	-0.2%
Enrolled Private Kindergarten	162	147	140	(7)	-4.8%
Enrolled Private Grades 1-4	526	466	457	(9)	-1.9%
Enrolled Private Grades 5-8	633	654	674	20	3.1%
Enrolled Private Grades 9-12	440	446	462	16	3.6%

	2010	2015	2020	Variance	Percent
<b>Household Educational Attainment</b>					
Less Than High School (no diploma)					
High School Graduate					
Some College					
Associate's Degree (2 years)					
Bachelor's Degree (4 years)					
Master's Degree					
Professional Degree					
Doctorate Degree					

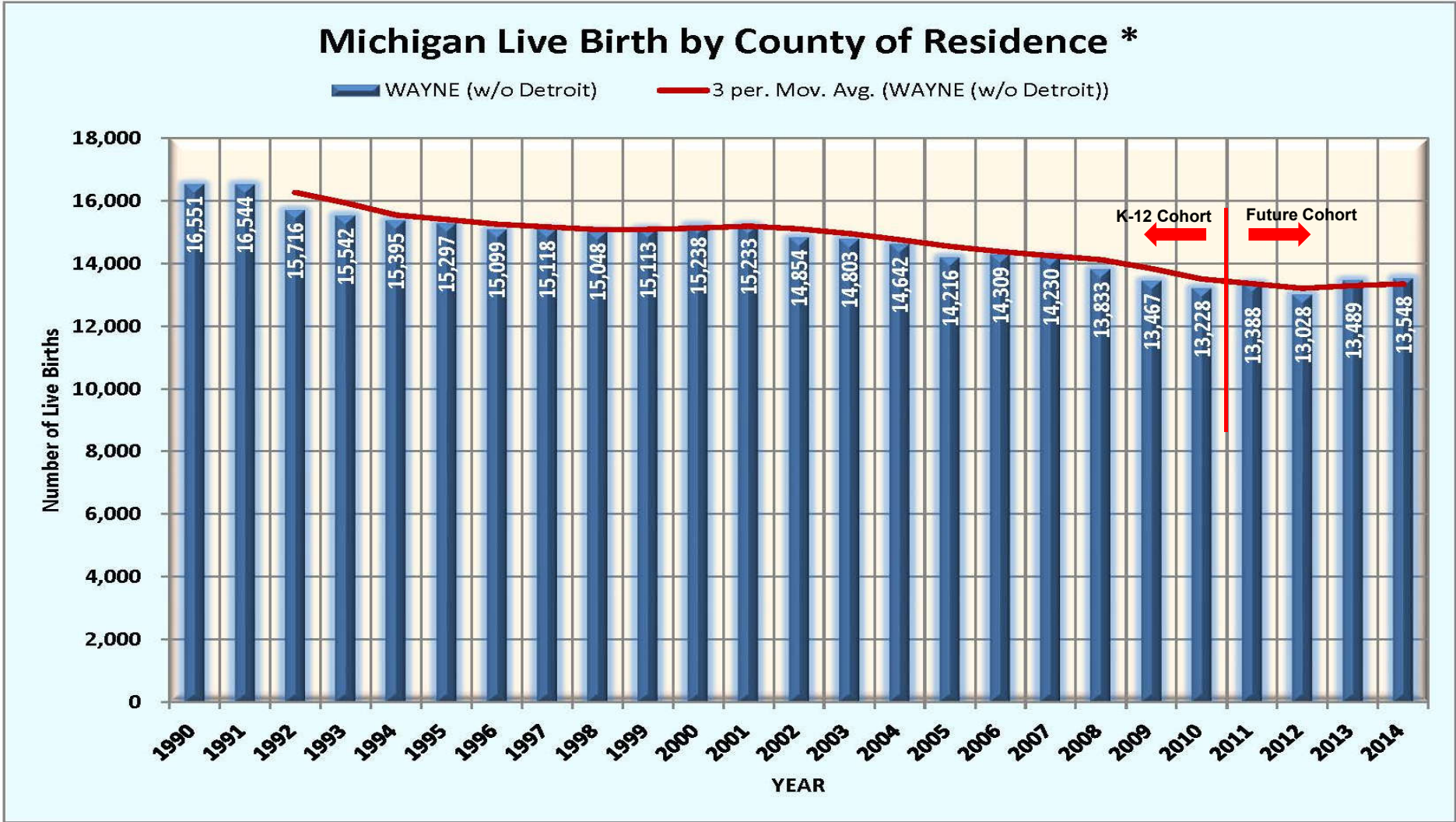
	2010	2015	2020	Variance	Percent
<b>Employment Characteristics</b>					
<b>Labor Force (Pop 16+)</b>					
Employment Potential					
Civilian					
Armed Forces					
Unemployed					
Not in the Labor Force					

	2010	2015	2020	Variance	Percent
<b>General Characteristics (Pop 16+)</b>					
White Collar	18,503	17,361	17,430	69	0.4%
Blue Collar	1,689	1,549	1,536	(13)	-0.8%
For-Profit Wage & Salary Employees	13,728	12,525	12,454	(71)	-0.6%
For-Profit Self-Employed	1,613	1,566	1,586	20	1.3%
Not-for-Profit Wage & Salary Wrkrs	3,209	3,202	3,294	92	2.9%
Local Government Workers	1,569	1,395	1,362	(33)	-2.4%
State Government Workers	886	925	972	47	5.1%
Federal Government Workers	370	372	384	12	3.2%
Self-Employed Workers	1,384	1,325	1,323	(2)	-0.2%
Unpaid Family Workers	9	8	8	-	0.0%

Report Card

Project Feasibility **A+**  
 Bond Issue/Millage Campaign **A+**  
 Project Management **A+**

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\*Live birth by county of residence data provided by Office of the State Registrar, Michigan Department of Community Health



**ENROLLMENT PROJECTION USING COHORT SURVIVAL METHOD  
& Adjusted to Community Demographic Trends**

**Historical** ←      → **Projection**  
 Educational Agency Name: Grosse Pointe Public School      **BASED ON 2015 FALL FTE COUNT**  
 County: WAYNE      **DISTRICT WIDE (ALL PUPILS)**

Birth Yr	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Births	14,642	14,216	14,309	14,230	13,833	13,467	13,228	13,388	13,028	13,489	13,548	13,368
K% Birth	2.79%	3.32%	3.25%	3.09%	3.27%	3.05%	3.05%	3.05%	3.05%	3.05%	3.05%	3.05%

Year 2015 Number of Live Births is an ESTIMATE based on immediate past 3 years trend  
 Anticipated Non-historical Factor: 2.05%

Grade	Historical Data							Projection Data									
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
K	409	471	464	440	452	411	404	409	398	412	413	408	N.A.	N.A.	N.A.	N.A.	N.A.
1	510	495	503	489	474	472	437	447	452	440	456	458	451	N.A.	N.A.	N.A.	N.A.
2	575	530	510	526	511	482	486	461	471	477	464	480	482	476	N.A.	N.A.	N.A.
3	583	591	561	535	517	522	492	509	483	494	499	486	503	505	498	N.A.	N.A.
4	601	592	612	583	565	537	553	522	540	512	524	530	516	534	536	529	N.A.
5	609	623	627	638	589	574	543	581	548	567	538	550	556	541	560	563	555
6	614	632	648	644	674	603	587	573	612	578	598	567	580	587	571	591	594
7	627	634	644	663	675	683	611	614	599	640	604	625	593	607	613	597	618
8	683	646	644	654	675	685	683	633	636	621	664	626	648	615	629	636	619
9	725	744	732	706	744	755	727	770	713	717	700	748	705	730	693	708	716
10	741	728	769	742	722	752	767	754	798	740	743	725	775	732	757	718	734
11	747	722	713	752	718	715	725	764	751	796	737	741	723	773	729	754	716
12	748	727	718	701	735	708	691	725	764	752	796	737	741	723	773	729	755
<b>K-12</b>	<b>8,173</b>	<b>8,135</b>	<b>8,147</b>	<b>8,070</b>	<b>8,050</b>	<b>7,899</b>	<b>7,707</b>	<b>7,761</b>	<b>7,767</b>	<b>7,744</b>	<b>7,735</b>	<b>7,681</b>	<b>N.A.</b>	<b>N.A.</b>	<b>N.A.</b>	<b>N.A.</b>	<b>N.A.</b>
Year-to-Year #Growth:	-38	12	-77	-19	-151	-193	55	6	-23	-9	-54						
Year-to-Year %Growth:	-0.46%	0.14%	-0.94%	-0.24%	-1.88%	-2.44%	0.71%	0.07%	-0.29%	-0.11%	-0.70%						
Alt. Ed	-	-	-	-	-	15	6	6	6	6	6	6					
Spec. Ed	244	256	270	286	297	281	-	-	-	-	-	-					
<b>Totals</b>	<b>8,417</b>	<b>8,391</b>	<b>8,416</b>	<b>8,356</b>	<b>8,347</b>	<b>8,195</b>	<b>7,713</b>	<b>7,768</b>	<b>7,773</b>	<b>7,750</b>	<b>7,742</b>	<b>7,687</b>					

Projections for special education and alternative education pupils are based on current year data not affected by demographic.

Note: K-12 General Education Pupil Enrollment history and projections DO NOT include self-contained special education, alternative education or part-time students (in FTE's).



Report Card

Project Feasibility **A+**  
 Bond Issue/Millage Campaign **A+**  
 Project Management **A+**



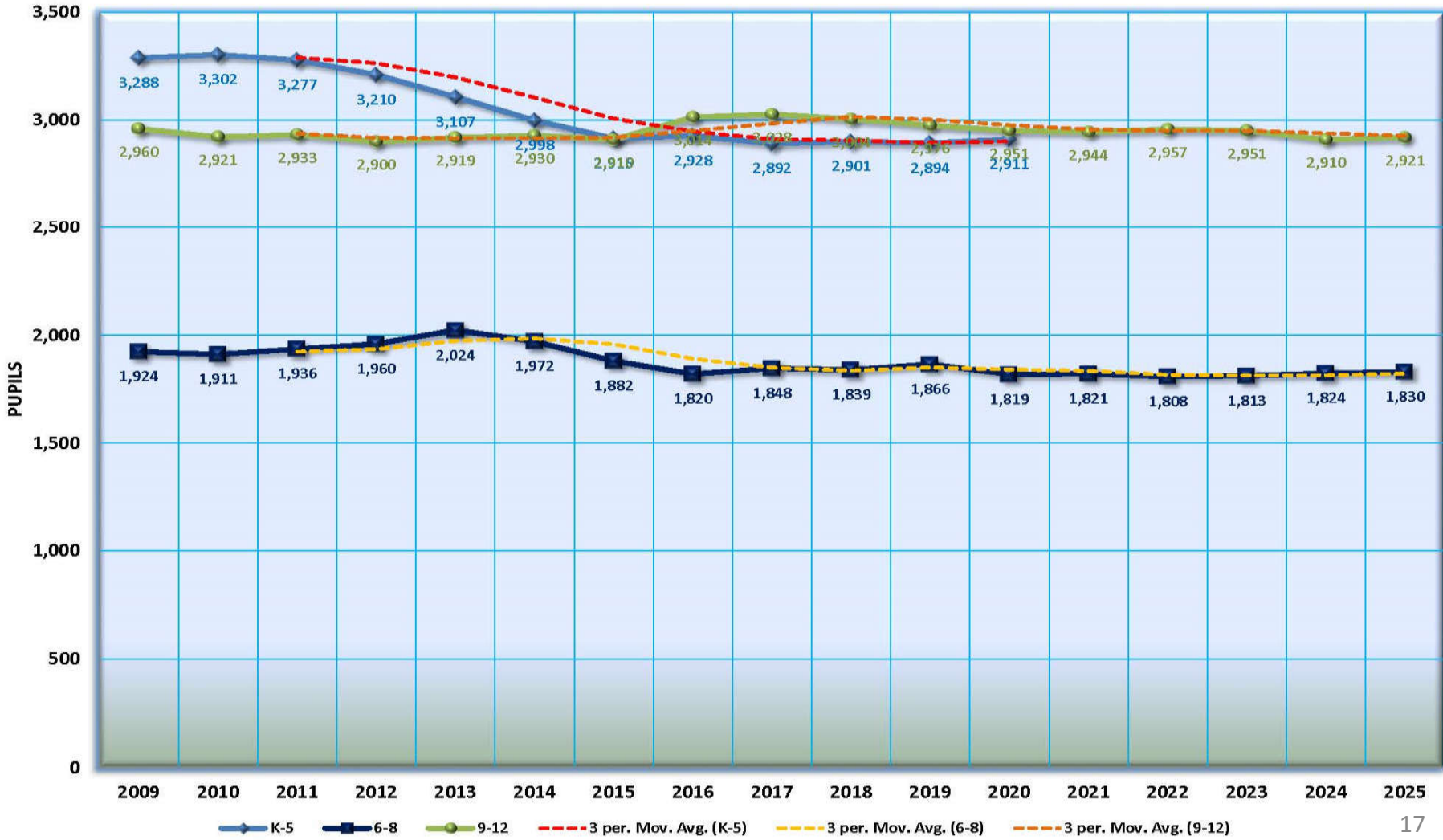
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Grosse Pointe Public School System

DISTRICT WIDE (ALL PUPILS)

Grade Pattern Compilation





### Enrolled in Public Schools (K-12)

- Enrolled Public Preprimary
- Enrolled Public Kindergarten
- Enrolled Public Grades 1-4
- Enrolled Public Grades 5-8
- Enrolled Public Grades 9-12



### Enrolled in Private Schools (K-12)

- Enrolled Private Preprimary
- Enrolled Private Kindergarten
- Enrolled Private Grades 1-4
- Enrolled Private Grades 5-8
- Enrolled Private Grades 9-12

