# A Brief History & Overview of Construction Projects, Studies & Redistricting

February 16, 2017

Disclaimer - The information contained in this presentation is based on the best current and historical information as of February 16, 2017







### 1806 - First Plum School

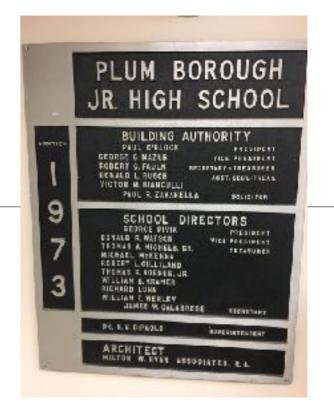
1889 - nine (9) one-room school houses



- 1918-1938 School Consolidation (Harding, Logans Ferry, Renton and Stewart)
- 1939 First High School located on School Road
- 1954-1964 Center Elementary, Plum Senior High School, Holiday Park, Regency Park
- 1966-1969 PHS addition, Adlai Stevenson & Oblock Junior High School

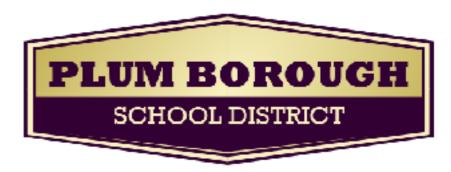
### 1970 - 1999

- 1971 Holiday Park Addition
- 1973 Pivik Cafeteria Addition (Plum Borough Junior High School)
- 1973 1989 Plum Jr. High 7-9 & Oblock Jr. High 7-9
- 1976 PHS Addition
- 1989 Pivik Renovation (Elementary School)
- 1995-1998 Gym additions Holiday Park, Regency Park & Adlai



### Late 1990s

District Wide Facility Study completed by Foreman Architects and Engineers



## Center Elementary School

2000 - Renovation & Addition, Foreman Architects and Engineers

1986 - 1/2 day Kindergarten

2003 - Full-day Kindergarten







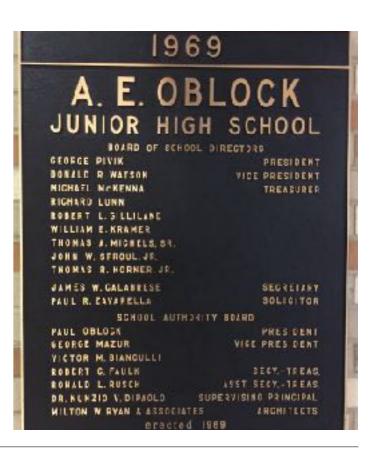


### Oblock Junior High School

Foreman Architects and Engineers









## Plum Senior High School

Foreman Architects and Engineers



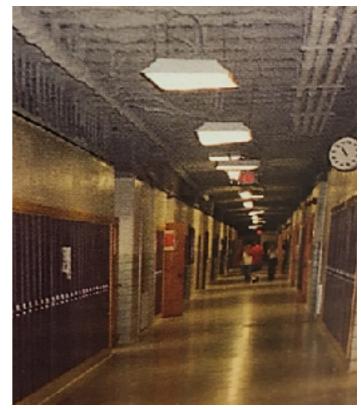














### Redistricting 2005

## Plum expects m

Plum braces for enrollment in Renovating Center Elementary is Plum School Both the district for an increase in the number of pupils

10 percent rise seen by 2005

> By Eijiro Kawada Staff writer

Plum School District is bracing for a 10-percent enrollment increase over the next eight years. According to William Byran, the borough's building inspector, 115 new houses were built last year in Plum.

The number is the largest among Valley communities, and the construction continues.

A demographic study conducted a few years ago shows the borough's school district would see an additional 300 to 400 pupils by 2005, which is about a 10 percent increase from the district's current enrollment.

The school district has created a task force of residents, adminisration staff and teachers to levelop a long-range plan to prepage for the projected increase.

As the first step of the district's a lding project, the school board pproved a complete renovation of enter Elementary School last north, which would cost between 7 million to \$9 million.

The renovation would add six to 0 new classrooms plus a new prary and gymnasium.

Superintendent George Cooke id the demographic study sugass the district lacks sufficient assroom space even though the ojected increase should be

### Plum Borough School District

200 School Road, Plum Pennsylvania 15239 DISTRICT ADMINISTRATIVE OFFICES

Donald A. Teti Assistant Superintendent Dr. George E. Cooke Superintendent (412) 795-0100 FAX: (412) 795-9115

Lillian Naccarati
Assistant Superintendent

January 16, 2005

Dear Committee Members:

Thank you for all of your work on this committee. It was obvious from the presentations at our last meeting that a lot of time, effort and thought was spent on the development of the plan. Our next meeting of the whole is scheduled for Monday, January 24<sup>n</sup> at 7:00 PM in the Pivik Cafeteria. At that time, we will reach consensus on the recommendation or recommendations the Redistricting Committee will make to the Education Committee.



Year/ K\*-6th 7th-8th 9th-12th Total graces 1998-99 2.279 753 1,436 4.468 999-00 2,384 1,435 778 4.597 2000-01 2.391 771 1,487 4.649 2.410 2001-02 1,512 4.694 2,392 2002-03 808 1.528 1,539 2003-04 2,410 818 1.539 4.767 2004-05 2.425 783 1,561 4.769 2005-06 2.466 780 1,556 4,802

the 1995-96 school year:

School Enrollment

Center Elementary 352

Pik Elementary 645

Stovenson Elementary 474

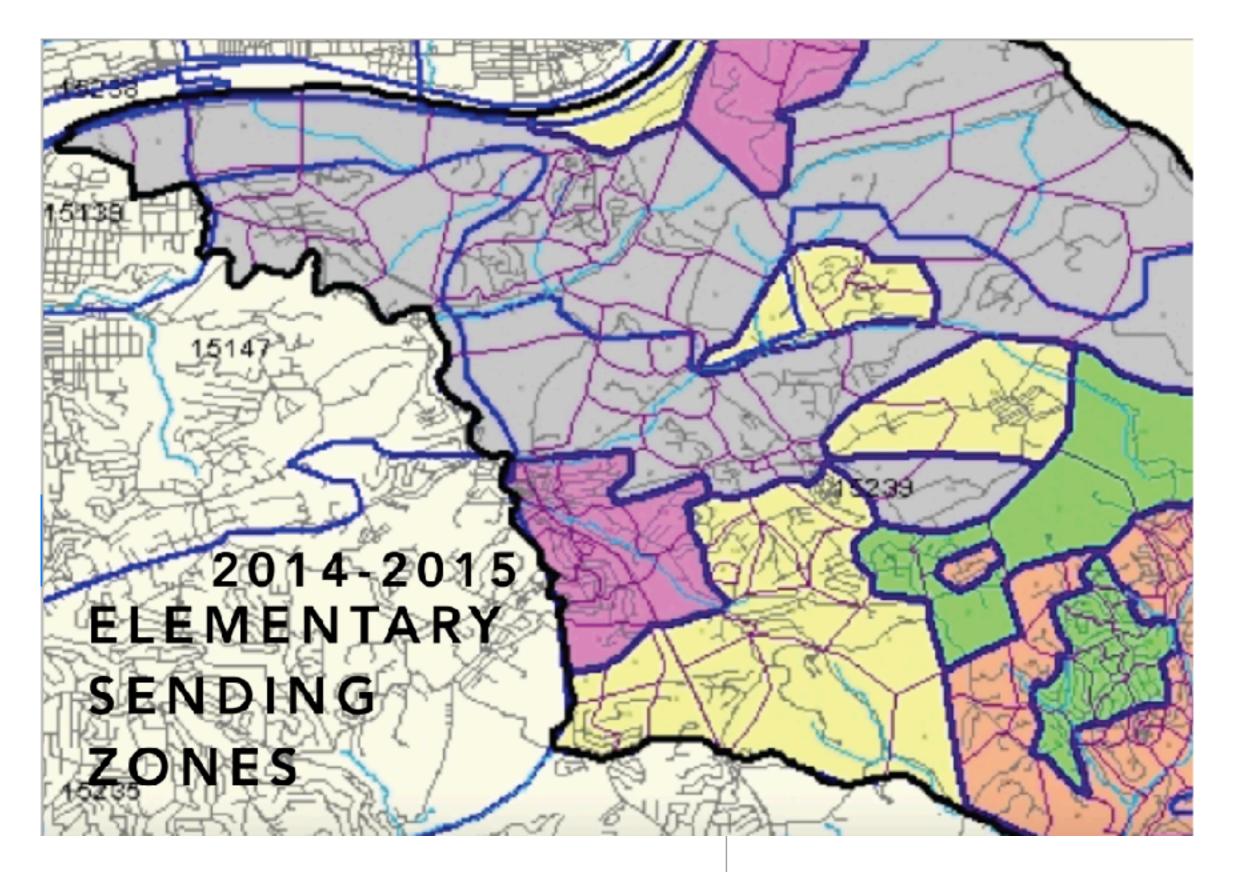
Holiday Park Elementary 567

Regulacy Park Elementary 306

Cook Junior High 682

High School 1995

over estimated by 432 students



Redistricting 2005

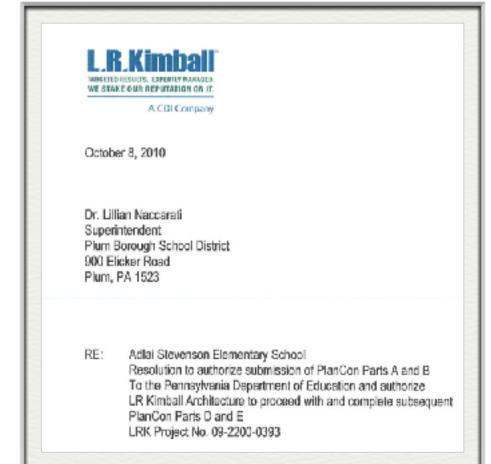
2005-2015

### 2007 - 2011

2007 - 5-Year Facilities Study Systems and Structures 2008 - LR Kimball Feasibility Study Configuration options, costs, enrollment projections, etc... 2009 - LR Kimball DWFS 2010 - Adlai & Holiday Park plans 2011 - Frombaugh Facilities Report

### 2010 Construction Renovation Plans

- Build a New Pivik 4 Run K-6 School
- Renovate Holiday Park 3 Run K-6
   School
- Renovate Adlai 3 Run K-6 School
- Regency Park TBD
- Center renovated in 2000 3 Run K-6 School





### Plum Borough School District

Schematic Design Presentation For

Holiday Park Elementary School Adlai E. Stevenson Elementary School February 15, 2011



## New Main (Securel Entry / Window Replacement in Existing Masoury Openings (Typical)

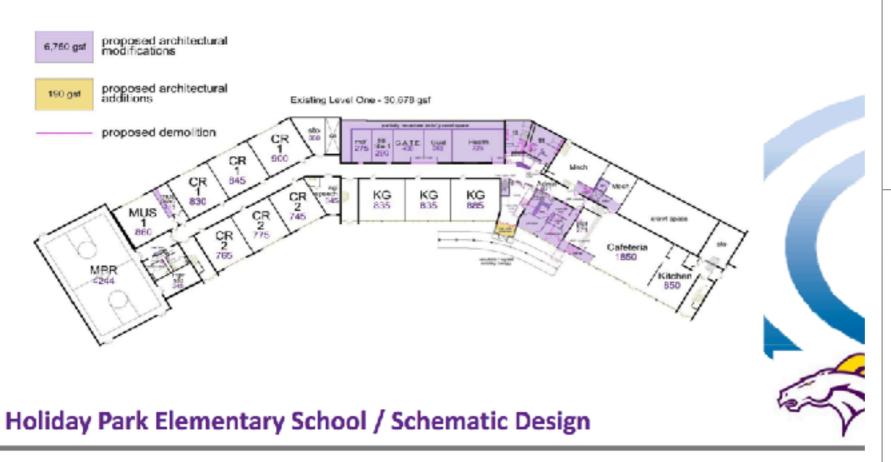
Adlai E. Stevenson Elementary School / Schematic Design

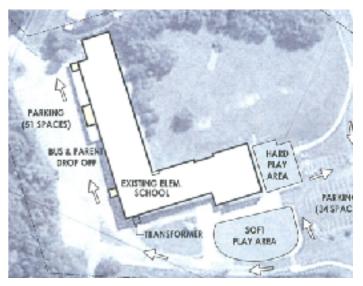
#### Plum Bcrough School District

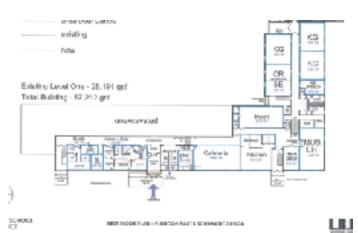


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#### First Floor Plan







## Adlai Stevenson Elementary School Renovation and/or Addition

Temporary Inconvenience Permanent Improvement

September 11, 2012

Pre-Decisional Discussion



## Adlai Stevenson Elementary School Renovation and/or Addition

Revised October 16, 2012

September 11, 2012 & September 18, 2012

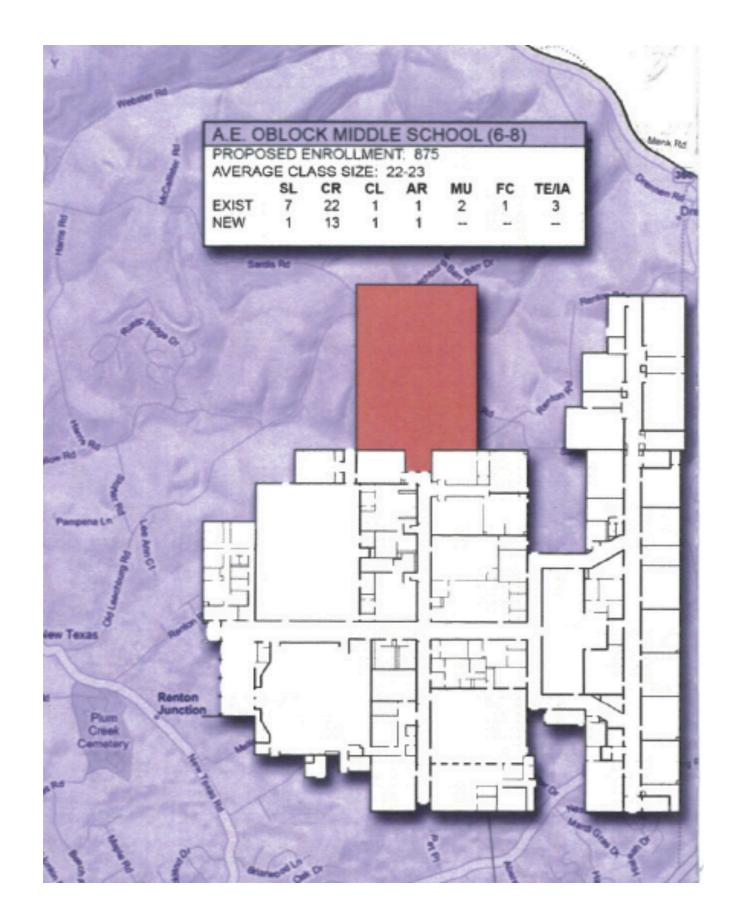
Pre-Decisional Discussion

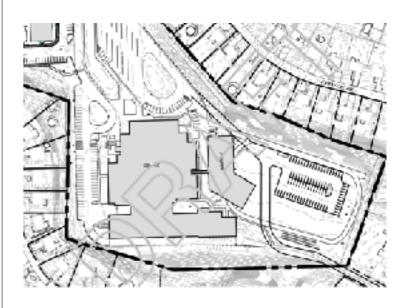


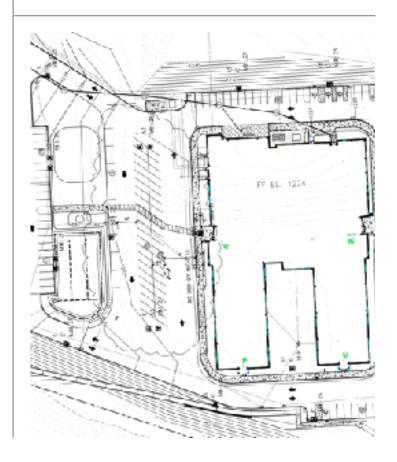
## ADLAI STEVENSON CONSTRUCTION PROJECT

November 5, 2012









### Pivik Elementary School

LR Kimball

### CDORCD PIVIL DIFFERENCE DINEGRATERY

### **DEDICATED AUGUST 2012**

#### ADMINISTRATION

DR. LILLIAN NACCARATI DR. TIMOTHY GLASSPOOL SUPERINTENDENT, 2012 EUGENE J. MARRACCINI DR. GAIL YAMNITZKY CYNTHIA VENTO LEE V. PRICE

SUPERINTENDENT, 2009 - 2011 DIRECTOR OF BUSINESS AFFAIRS PRINCIPAL **BOARD SECRETARY** SOLICITOR

RUSSO CONSTRUCTION SERVICES L.R. KIMBALL MASSARO CORPORATION NELLO CONSTRUCTION COMPANY

OWNER'S SITE MANAGER ARCHITECT CONSTRUCTION MANAGER GENERAL CONTRACTOR

### BOARD OF DIRECTORS

2009-2010 **DAWN CARUSO** 2009-2010 LINDA EAZOR 2009-2010 KRIS TRAFICANTI 2009-2011 JEFF MATTHEWS 2009-2011 **ROSE MCGUIRK** 2009-2011 JEFF RUSSO 2009-2012 TOM MCGOUGH 2009-2012 **LORETTA WHITE** 2010-2012 SAL COLELLA 2010-2012 KEVIN DOWDELL 2010-2012 ANDREW DRAKE 2010-2012 SHANE MCMASTERS 2012 JOHN ST. LEGER 2012 JOE TOMMARELLO 2012 RICHARD ZUCCO







Pivik 2011

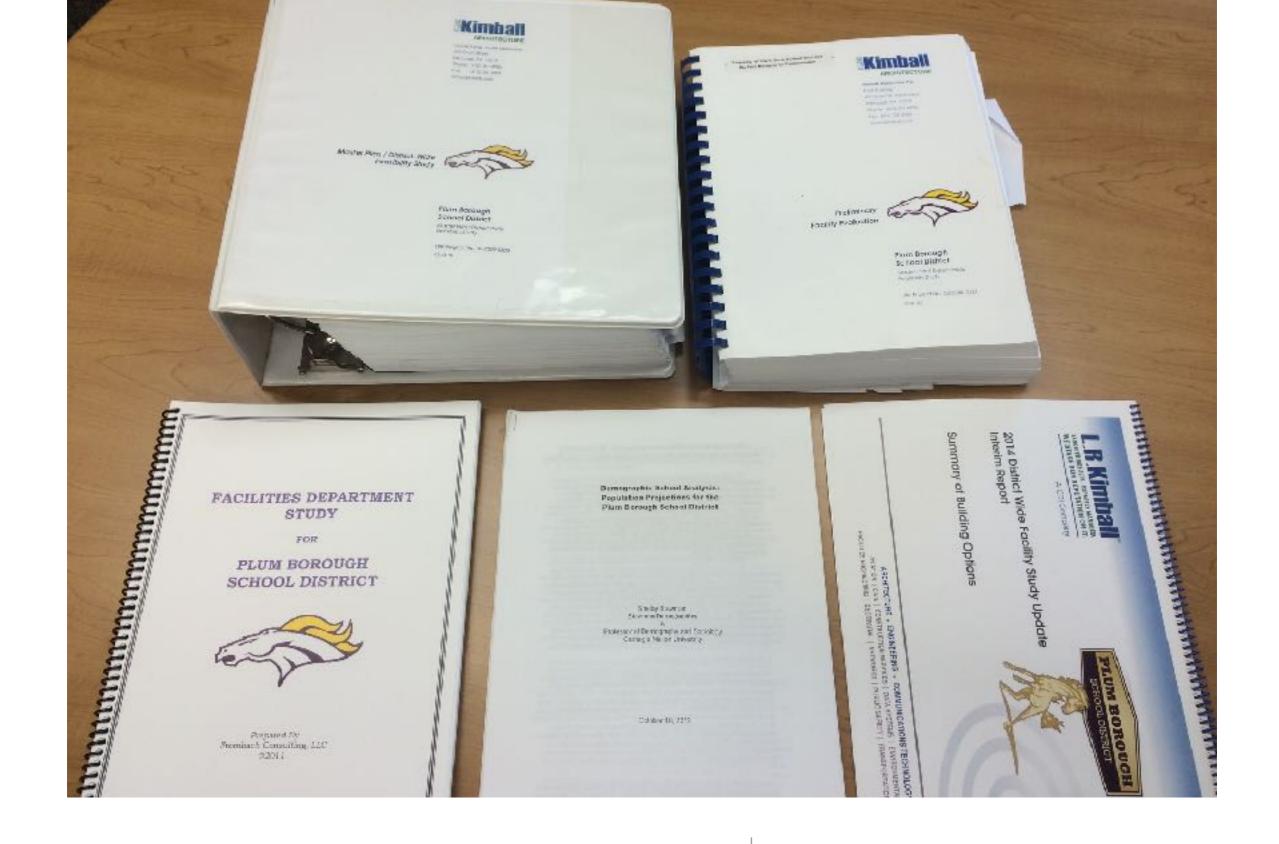




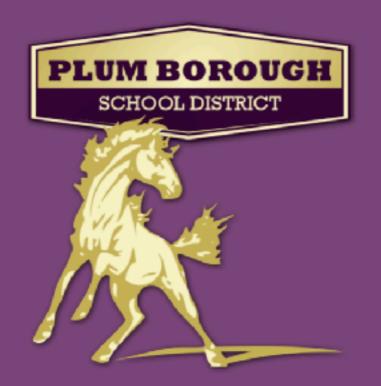
**Demographic School Analysis: Population Projections for the Plum Borough School District** Shelby Stewman Stewman Demographics Professor of Demography and Sociology Carnegie Mellon University



## PBSD Strategic Plan



2011, 2012, 2014



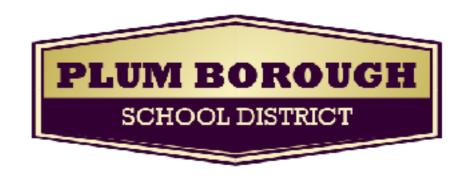
## Literature / Research on Grade Configurations

November 2013

**Public Presentation** 

### Center Elementary Summer 2013 >\$400,000

# Air Condition Gym Floor Repair STEM Room



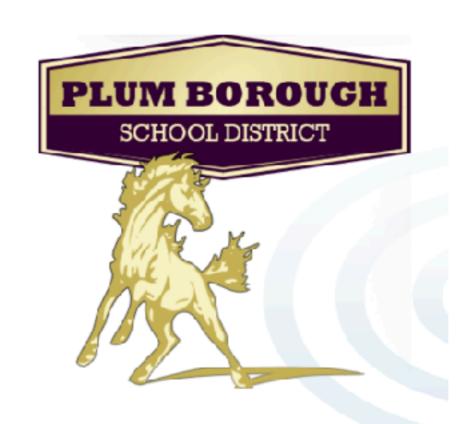


A CDI Company

## ACT 34 PUBLIC HEARING For the NEW HOLIDAY PARK ELEMENTARY SCHOOL

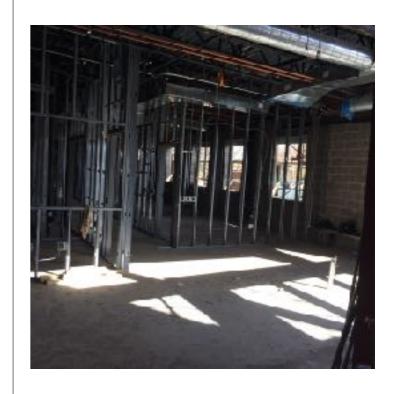
Thursday, June 20, 2013 6:00 PM Plum Senior High School Auditorium 900 Elicker Road Plum, Pennsylvania

PDE Project No. 3608

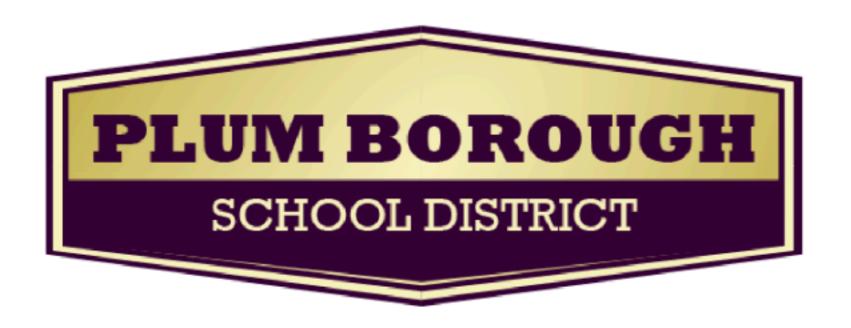








June 2013



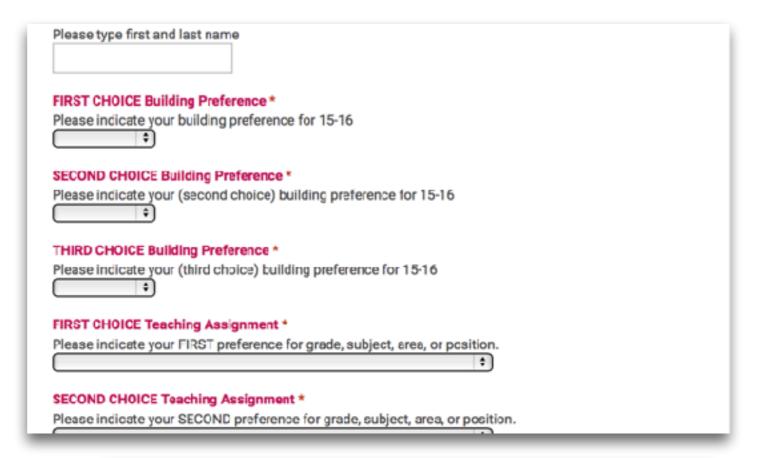
### **COMPREHENISVE PLAN**

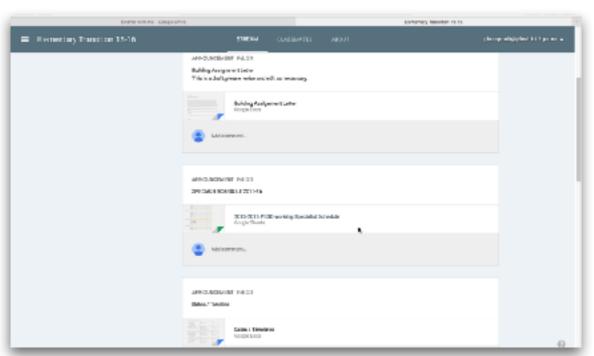
### PBSD Comprehensive Plan

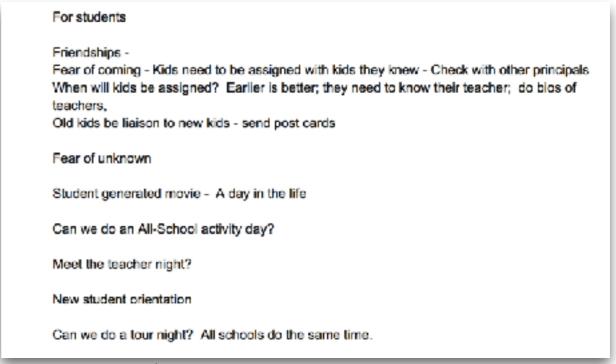
2014

Redistricting 2015...









### Teacher Assignments

6th Grade & Parent Input

Board Secretary

#### search this site.

GO

enhanced by Google

#### Quick Links



Athleties



District Email



Employee Portail



Employment



Pacebook



Lunch Menus



Moodle



🔝 Parent/Student Portal



Plum Connect



Registration



Staff Directory

#### Plum Borough School District Board of School Directors

President Mr. Sal Colella colellas@pbsd.k12.pa.us Food Service & Nutrition Chair Mr. Joe Tommarello tommarelloj@pbsd.k12.pa.us Treasurer & Personnel dowdellk@pbsd.k12.pa.us Mr. Kevin Dowdell Chair Athletics Chair Mr. John St. Leger stlegerj@pbsd.k12.pa.us Education Chair (Technology & Mrs. Michele Gallagher gallagherm@pbsd.ki2.pa.us Communications) Vice President & Facilities Chair (Safety Mr. Richard Zucco zuccor@pbsd.k12.pa.us & Security) Transportation Chair Mr. Tom McGough mcgought@pbsd.k12.pa.us Policy Chair Mrs. Loretta White whitel@pbsd.k12.pa.us Finance Chair Mrs. Michelle Stepnick stepnickm@pbsd.k12.pa.us

Mrs. Cindy Vento

ventoe@pbsd.k12.pa.us

#### 2015-2016 Elementary Redistricting

Updated Timeline 2015-2016 Elementary Sending Zones (Revised 112514) 2015-2016 Elementary Sending Zones (Revised 112514) - Overview DWFS Sept 2014 addendum 2014 District Wide Facility Study Update Interim Report School View - Elem Attendance Zones 2013-2014 District View - Elem Attendance Zones 2013-2014 Policy #206 2012 Demographic Study 2011 Facilities Study

#### Meeting Schedule **REVISED March Meeting Schedule**

#### **Budget Information**

2015-16 Preliminary General Fund Budget 2014-2015 Adopted Budget 2013-2014 Adopted Budget 2012-2013 Adopted Budget

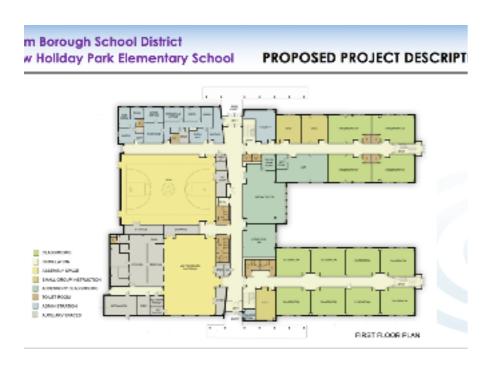


### Tentative Timeline for the 2015-2016 Elementary Redistricting, Staffing & Transition

- 1. September 2014
  - a. Official Board vote to close Holiday Park Elementary School
  - Send required documentation to the Department of Education
- October 2014
  - a. Estimate the number of classroom runs and building locations necessary
  - Public presentation of proposed elementary school sending zones and Policy #206
  - c. Board approval of 2015-2016 Elementary school sending zones
  - d. Board approve a revised Policy #206
  - e. Board decision regarding request to attend outside sending zone
  - f. "grandfathering" of 6th grade students in all schools
- 3. November 2014
  - a. Critical needs assessment of elementary school staffing
    - i. Creation and elimination of professional positions
  - b. Written notice to all bargaining unit employees regarding furlough possibilities
- 4. December 2014
  - a. Administration assignments and subsequent re-assignments
- 5. January March 2015
  - a. 2015-2016 faculty staffing
- 6. April, May & June 2015
  - a. Plan for physical move
  - b. Plan for student transitions
  - Custodial, administrative assistant, cook manager, and cafeteria worker assignments and subsequent re-assignments
- 7. June 2015
  - a. Send furlough notices
- 8. June, July & August 2015
  - a. Classroom and building setup
- 9. July 2015
  - a. Paraprofessional assignments
- 10.August 2015
  - Holiday Park Elementary School Dedication
  - b. Building tours and open house activities at all elementary schools

# Holiday Park Elementary School (Oblock Campus)

LR Kimball 2013 (Act 34)



# HOLIDAY PARK ELEMENTARY SCHOOL

**DEDICATED AUGUST 2015** 

#### BOARD OF DIRECTORS

SAL COLELLA

**KEVIN DOWDELL** 

MICHELE GALLAGHER

TOM MCGOUGH

JOHN ST. LEGER

MICHELLE STEPNICK

LORETTA WHITE

RICHARD ZUCCO

#### ADMINISTRATION

DR. TIMOTHY S. GLASSPOOL

DR. GUY ROSSI

**EUGENE J. MARRACCINI** 

D. JASON KNISELY

FRANCIS SCIULLO

**CYNTHIA VENTO** 

SUPERINTENDENT

ASSISTANT SUPERINTENDENT

**DIRECTOR OF BUSINESS AFFAIRS** 

PRINCIPAL, ADLAI STEVENSON

PRINCIPAL, HOLIDAY PARK

**BOARD SECRETARY** 

#### PROJECT MANAGEMENT

RUSSO CONSTRUCTION SERVICES

PA SOIL & ROCK

L.R. KIMBALL

HUDSON CONSTRUCTION INC.

LUGAILA MECHANICAL INC.

VRABEL PLUMBING COMPANY

VERN'S ELECTRIC INC.

**OWNERS SITE MANAGER** 

**CIVIL ENGINEER** 

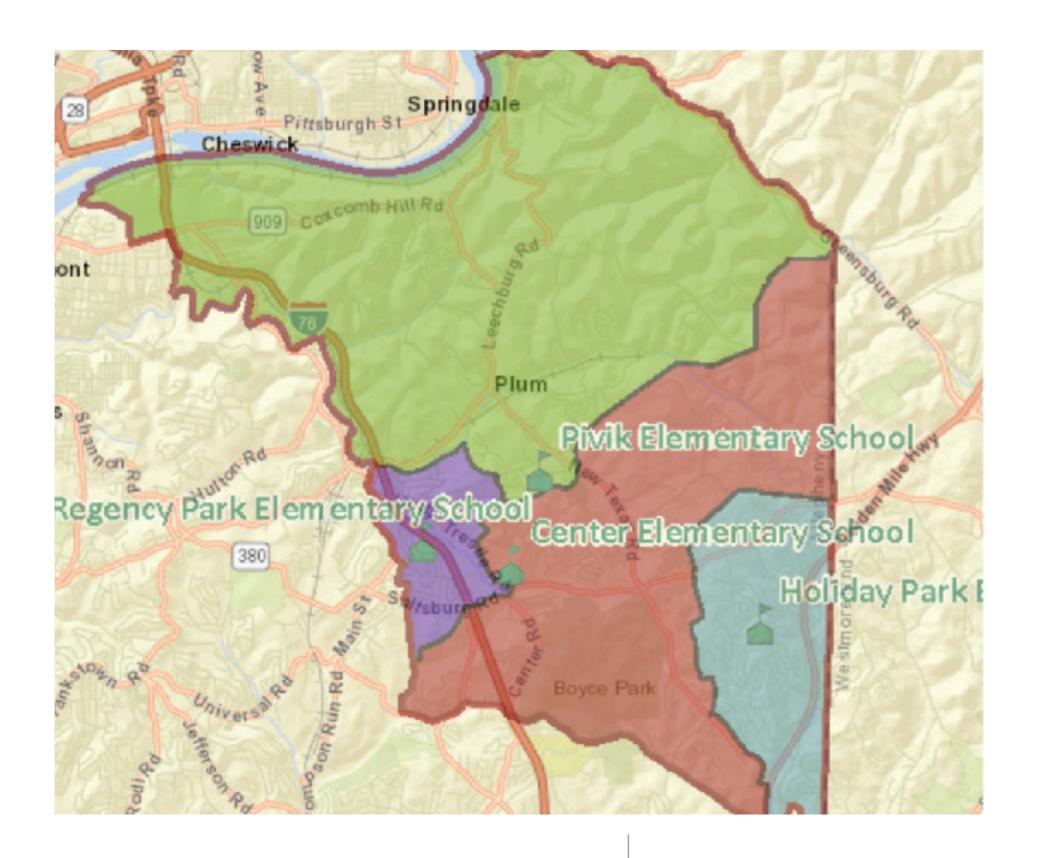
ARCHITECT

GENERAL CONTRACTOR

HVAC CONTRACTOR

**PLUMBING CONTRACTOR** 

**ELECTRICAL CONTRACTOR** 

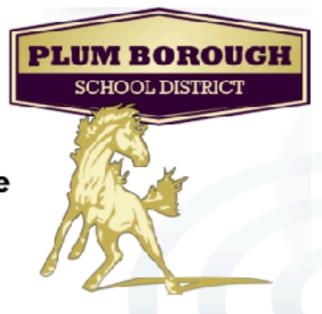




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# 2014 District Wide Facility Study Update Interim Report

**Summary of Building Options** 



#### Summary of Building Options

Option ES-12 Elementory School Option / District K-6-Grade Alignment
Turs stary addition – competionaire renovations (f. Regency Park ES / 2 ER's per grade

Option ES-1b Elementary School Option / District K-6-Grade Alignment
One stary addition (# 2 leastions ) comprehensive renovations to Regency Park ES /2



Nes stary addition # Center ES / 4 OYs per grade level Comprehensive resolutions # Repency Park ES / 1 CR per properties

Option M5-3a 6 & Mildele School Option / District K-5 Elementary Grade Alignment has stery according if Aut a stock at a accommodating to shart what is Servational comprehensive resolutions of the genny Part K-7 (1) for prignal anywal acc K-5 drafting

Option MS-3b 6-8 Middle School Option / District C-5 Elementary Grade Nightment Not stary accident - strategy transverset of A & District Accordance Science week & credit veil One crary accident - strategy transverset of Center 65 / 4 Cite per grade level at K-5 Selfry / ELDSE Risk PS

L.R.Kimbali

ARCHITECTURE + ENGINEERING + COMMUNICATIONS TECHNOLOGY

WOT JETS ENABLESHING I GEGOLALIN'T I REMOVED I DACKRAZARENI I EMBORRANIA WOT JETS ENABLESHING I GEGOLALIN'T I REMOVED I DACKRAZARENI I EMBORRANIA

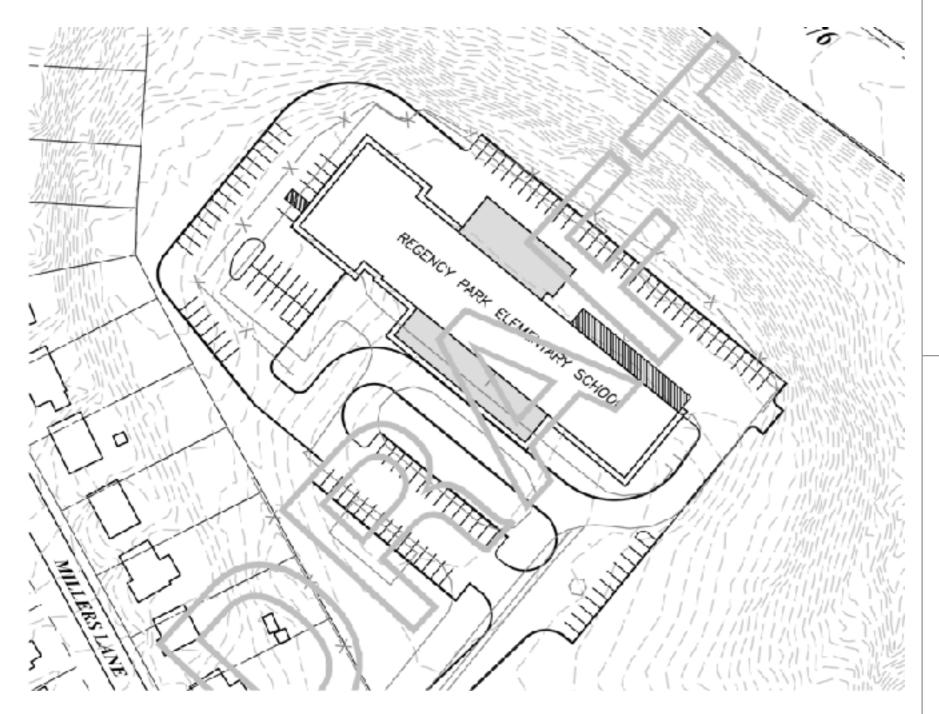
#### nmary of Building Options

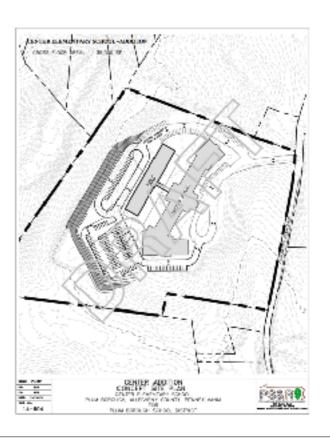
MS-3a Middle School Option / District K-5 grade alignment

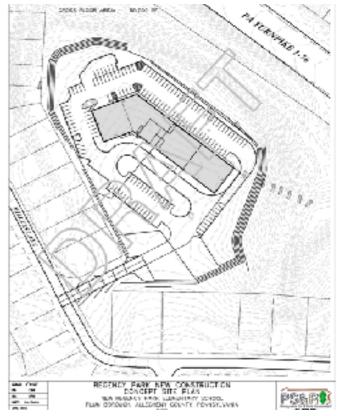
y addition @ ALEO Block JHS accommodating Electric 6-6 [ Middle School) annulment
tensive resolutions to Besency Park ES /1 CR per grade level as 6-5 facility

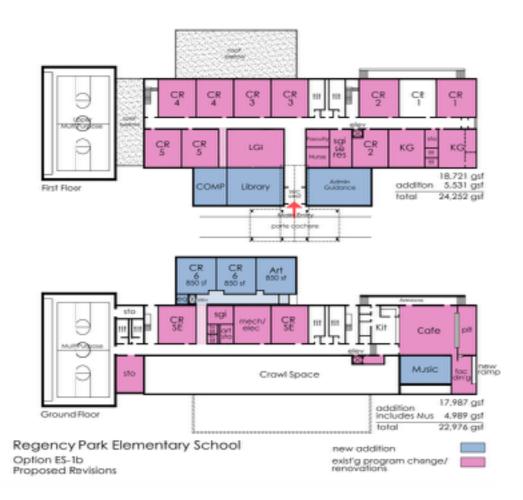




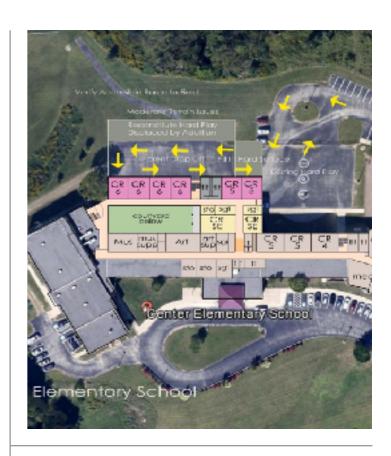














# Regency Park Elementary School

LK Kimball 2014

As Part of redistricting and in anticipation of the new Building, Regency Park students were moved to "old" Holiday Park.



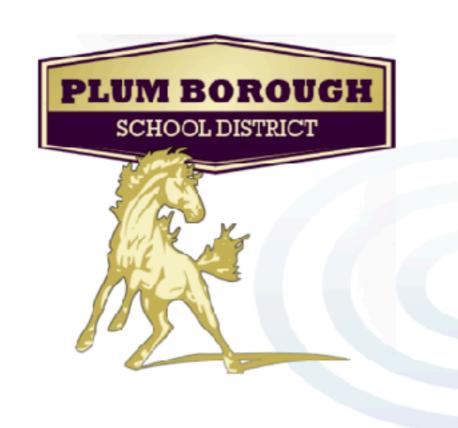




# ACT 34 PUBLIC HEARING For the NEW REGENCY ELEMENTARY SCHOOL

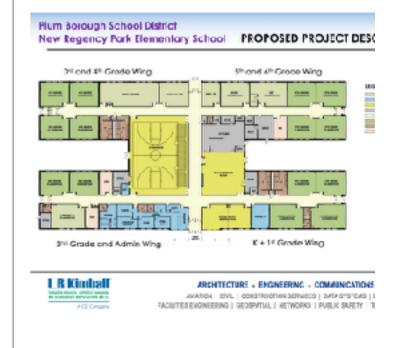
Wednesday, August 26, 2015 at 6:00 PM Plum Senior High School Board Room 900 Elicker Road Plum, Pennsylvania

PDE Project No. 3830



#### ARCHITECTURE . ENGINEERING . COMMUNICATIONS TECHNOLOGY

AVIATION | CIVIL | CONSTRUCTION SERVICES | DATA SYSTEMS | ENVIRONMENTAL FACILITIES ENGINEERING | GEOSPATIAL | NETWORKS | PUBLIC SAFETY | TRANSPORTATION





L.R.Kimbali

ARCHITECTURE - EMGINEERING - COMMUNICATIONS TECHNOLO
ANATON | CWL. | CONTRICTON REPUCES | CARASYSTEIN | ENVIRONMENT
FACE ETC FROMERING | FROMERING | NEW YORK | HIR YOUR PARTY | TRUMPHOTATI

LRK August 2015, Regency Park Act 34 Hearing (2 run school)

# Construction of the NEW REGENCY PARK ELEMENTARY SCHOOL

PROJECT LOCATION MAP

- ⊕

606 Millers Lane Plum, PA 15239

Plum Borough School District

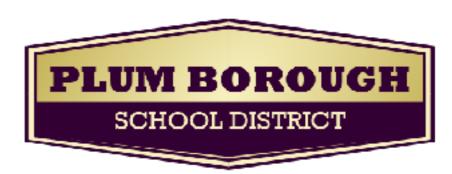
900 Elicker Road Plum, PA 15239

CDI Architects Group LLC dba L.R. Kimball - Architecture and Engineering The Frick Building, Suite 812 437 Grant Street L.R. Kimball Frick Building - Suite 812 437 Grant Breet Pithburgh, PA 15219 NEW REGENCY PARK **ELEMENTARY** SCHCOL Plum Borough School District 900 Elicker Road Plun, PA 15239 PDE Project No. NOT FOR CONSTRUCTION. PROGRESS SET DESIGN COVERSHEET G001

Pittsburgh, PA 15219

# December 2015 Regency Park Elementary School (2 Run, K-6)

Plan Con process did not move forward as designed by LR Kimball



#### **DWFS 2016**

# VEBH Architects: Plum Borough School District

Board Meeting - 08/16/16

Potential Project Overview:

Oblock Middle School Conversion
Additions with Minor Upgrades (Non-Reimbursable Project)
vs.

Additions/Alterations (Reimbursable Project)

#### VEBH Architects



#### District Wide Facility Study

Wednesday, March 16, 2016 © 6:00pm.
Oblock Junior High Auditorium
Town Hall Forum, community comment, "open mic"
Master plan development

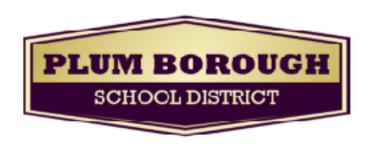
Wednesday, April 20, 2016 € 6:00pm Oblock Junior High Auditorium Discussion of conceptual designs Gather additional input

#### Tuesday, May 10, 2016 @ 7:00pm Borough Council Chambers

Formal Board & community presentation Draft document presented to public Top options & VEBH recommendations

Tuesday, May 24, 2016 @ 7:00pm Borough Council Chambers Final DWFS presented in final form





# School Configuration

(Without a Bond Issuance)

January 17, 2017 Public Presentation

# K-4, 5-6, 7-8

School	Grades	Capacity	Estimated Distribution	Repairs and Renovations	
Center	5 & 6	525	551		Х
Holiday Park	K-4	700	700		
Pivik	K-4	700	700		
Oblock	7 & 8	750	597		Х
K-4 - 1397			Redistrict 1	8 -19	
*56 classrooms					
*25 pupils per classroom					

# Renovate with remaining 2014 Bond Issuance

# K-4 & 5-8

		Pupil	Estimated	Repairs and
School	Capacity	population	Distribution	Renovations
Pivik (K-4)	700	50%	700	
Center (5-8)	525	35%	401	х
Holiday Park (K-4)	700	50%	700	
Oblock (5-8)	750	*65%	747	х
K-4 pop - 1397				
5-8 pop - 1148			Redis	trict 18 -
*15% pop shift				

Renovate with remaining 2014 Bond Issuance

# PBSD today

- 3800 students
- 525 FTE/PTE
- 28,000 residents
- More than 725,000 square feet under roof
- More than 225 acres

	K	1	2	3	4	5	6	7	8	9	10	11	12	Enrollment
Pivik	91	79	90	94	95	83	92							624
Center	48	62	66	82	73	68	61							460
Holiday Park	88	74	85	94	94	100	79							614
Regency Park	32	32	42	45	31	36	32							250
Sub-Total	259	247	283	315	293	287	264							1948
Oblock								294	303					597
High School									1	301	316	310	326	1254
TOTAL														3799

# Enrollment as of 1/10/17

## Historic 1998 - 2017

7.0000	2014-15	2015-16	2016-17
		20.0	2010-17
TOTAL ELEMENTARY 2,293 2,236 2,186 2,157 2,168 2,190 2,186 2,178 2,144 2,108 2,102 2,111 2,075 2,009 1,962 2,020	2,012	1,951	1948
TOTAL SECONDARY 2,145 2,127 2,161 2,140 2,215 2,244 2,192 2,192 2,158 2,113 2,087 2,052 1,971 1,997 1,959 1,924	1,878	1,860	1853
4,438 4,363 4,347 4,297 4,383 4,434 4,378 4,370 4,302 4,221 4,189 4,163 4,046 4,006 3,921 3,944	3,890	3,811	3801

# Historic by building

	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
PHS	1326	1346	1283	1280	1257
Pivik	522	562	582	609	621
Oblock	667	632	604	602	599
Center	401	405	377	466	448
Holiday Park	455	483	468	637	612
Regency Park	241	244	230	229	250
Adlai	354	354	331		
Total	3966	4026	3875	3823	3787

# Demographic information for consideration

- 2015 US Census Bureau
  - April 2010 to July 2015 the Borough of Plum experienced a population increase of 4.1 - 4.7%
- 2017 Borough of Plum
  - Since 2010 the Borough of Plum experienced a utility customer increase of roughly 500
  - More than 1000 new homes built in the last 10 years
  - 528 to be constructed in the next few years

## Demographic information for consideration (continued)

- 2003 Demographic Study (Dr. Shelby Stewman)
  - Scenario I most accurate in 2012
    - Fertility/Aging/Embedded Growth
  - From 2003 to 2012 enrollment decreased by 377 students
    - Underestimated by 29 total students
- 2012 Demographic Study (Dr. Shelby Stewman)
  - Scenario II most accurate in 2017 (3800 as of 2-7-17)
    - Fertility/Aging/Embedded Growth with current retention and birth to kindergarten levels and lower fertility levels
  - From 2012 to 2017 enrollment decreased by 206 students
    - Overestimated by 3 total students
  - 2022 estimated total population 3641
- 2012 PDE Enrollment Projection
  - Accuracy in 2017 was Underestimated by 47 total students
  - 2022 estimated total population 3348

# Demographic information for consideration (continued)

 Based on Dr. Stewman's accurate 2012 estimate in 2003 and his more accurate 2017 estimate in 2012, as compared to PDE, his estimate is the best indicator of Plum's K-12 student enrollment in 2022.

 Projected K-12 population decrease of 159 students over the next 5 years.

### Financial factors for consideration

- 2016-2017 budget We have an operating deficit of approximately \$5,416,787
- \$4,872,169 remaining from the Series 2014
   Bond Issuance (\$10 million)
- \$120,422 Series 2013
- Proposed new legislation eliminating property tax

There were many intelligent and talented individuals who discussed options and opportunities well before tonight. They made decisions during times of growth, financial hardship and opportunity for specific purposes with good intentions.

Tonight is our time to engage in discussion regarding what the educational environment should look like in Plum.





**Dr. Yamnitzky** 



March 15, 2017 (6-8pm)

April 19, 2017 (6-8pm)

