



*Architectural  
Innovations*

August 17, 2011

200 Hillvue Lane  
Pittsburgh, PA 15237-5391  
412.366.2100



# **North Allegheny School District**

***Demographic Analysis and Feasibility Study***

***August 17, 2011***



**Dr. Gualtieri, Superintendent of Schools, introduced the report with these remarks:**

During the 2010-11 school year, the North Allegheny School Board requested that outside consultants complete a Demographics Analysis and Feasibility Study to generate comprehensive data and evaluation of the appropriate criteria for informed decision-making within the North Allegheny School District.

The attached document reflects the findings being recommended to the School Board and the administrative team for further study. It is meant to help the District prepare for the future impact on school buildings, while maintaining the NA high level of quality educational programming and simultaneously dealing with the financial constraints of the day.

The receipt of this document is the first step in a two-year process. Should the School Board decide to close an elementary school, that decision would be made before June 30, 2012, for implementation in September of 2013.

It should be noted that the fine-tuning of the middle school attendance boundaries could be considered by the School Board for implementation in September of 2012. This change would involve approximately 70 families.



***North Allegheny School District***

***Mr. Rob Gaertner, P.E.***

***Director of Facilities***



- *Introduction*
- *Demographics and Projected Enrollment Analysis*
- *Building Capacity Analysis*
  - *Review of Existing Space Utilization*
- *Physical Conditions Analysis*
  - *Bradford Woods Elementary School*
  - *Marshall Elementary School*
  - *Marshall Middle School*
- *Options for Facility Utilization*
- *Feasibility Study Project Final Phase*
- *Questions and Comments*



## ■ **North Allegheny Steering Committee**

**Dr. Brian Miller**

*Assistant Superintendent for Secondary Education and Curriculum*

**Dr. William Stropkaj**

*Assistant Superintendent for Elementary Education and Curriculum*

**Dr. Arleen Wheat**

*Assistant Superintendent of Special Education and Pupil Services*

**Roger Botti**

*Director of Assets, Transportation and Technology*

**Rob Gaertner, P.E.**

*Director of Facilities*

**Robert Wagner**

*Routing and Operations Supervisor*

## ■ **Architectural Innovations**

**Jan Brimmeier, AIA, NCARB** – *President / Owner*

**Mark Follen, AIA** – *Business Development / Project Manager*

**Gregory Walker**– *Senior Project Manager*

## ■ **Tower Engineering**

**Jim Kosinski, P.E., Mechanical / Plumbing** – *President / Owner*

**John West, P.E., Electrical** – *Electrical Engineer*

**Doug Cogley, Technology** – *Technology Specialist*

## ■ **DeJONG-RICHTER**

**Scott Leopold** – *GIS (Geographic Information System) Analyst / IT Administrator*

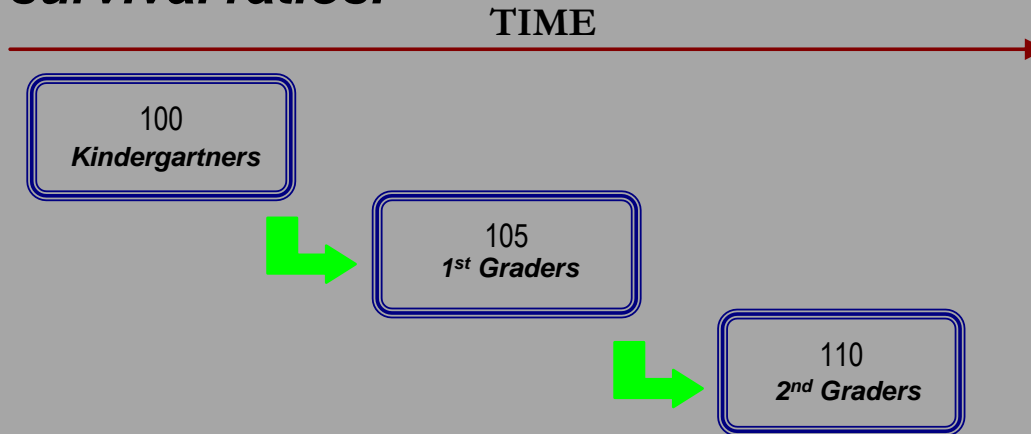


***DeJONG-RICHTER***  
***Mr. Scott Leopold***



## ■ **Projection Methodology**

- **Historical Enrollment is tabulated to develop survival ratios.**



- **Survival ratios are then analyzed to determine projection ratios.**
- **Several factors are taken into consideration:**
  - **Past boundary adjustments.**
  - **Planned, but not built housing.**
  - **Housing turnover.**
  - **Programming changes.**

## ■ Projection Methodology

from	to	birth -> K	K->1	1->2	2->3	3->4	4->5
2001	2002	14.4%	114.0%	106.9%	102.6%	102.7%	94.9%
2002	2003	13.1%	106.9%	101.8%	104.8%	102.5%	103.9%
2003	2004	11.7%	110.4%	103.9%	103.4%	103.1%	106.2%
2004	2005	14.0%	108.2%	104.1%	97.5%	105.0%	101.5%
2005	2006	9.5%	114.1%	93.9%	100.0%	102.6%	100.0%
2006	2007	13.0%	103.9%	100.0%	111.3%	103.9%	98.8%
2007	2008	10.8%	106.2%	98.1%	101.1%	98.6%	98.8%
2008	2009	11.0%	115.5%	102.9%	109.6%	103.3%	101.5%
2009	2010	12.9%	113.2%	101.5%	101.4%	105.3%	98.9%
	average	12.26%	110.277%	101.45%	103.5%	102.99%	100.5%
	standard deviation	1.514%	3.907%	3.563%	4.203%	1.837%	3.094%

**High, moderate and low retention rates are determined by a standard deviation analysis. Previously mentioned factors are also taken into account.**





Historical Enrollment by Grade Level										
Grade	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
K-5	3484	3408	3403	3494	3431	3448	3490	3477	3500	3526
6-8	2006	2018	2001	1930	1890	1854	1884	1925	1935	2005
9-12	2827	2797	2803	2769	2719	2736	2680	2679	2629	2595
<b>Total</b>	<b>8317</b>	<b>8223</b>	<b>8207</b>	<b>8193</b>	<b>8040</b>	<b>8038</b>	<b>8054</b>	<b>8081</b>	<b>8064</b>	<b>8126</b>

Projected Enrollment by Grade Level										
Grade	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
K-5	3563	3553	3518	3516	3468	3426	3410	3389	3428	3414
6-8	1973	2030	2039	2072	2096	2136	2121	2057	1949	1939
9-12	2668	2672	2693	2691	2654	2631	2604	2650	2638	2548
<b>Total</b>	<b>8204</b>	<b>8255</b>	<b>8250</b>	<b>8279</b>	<b>8218</b>	<b>8193</b>	<b>8135</b>	<b>8096</b>	<b>8015</b>	<b>7901</b>



***Architectural Innovations, LLC***  
***Mr. Mark Follen, AIA***



## ■ **North Allegheny School District:**

- *Elementary Capacity*
  - *K-5 = 25 Students per Classroom*
- *Middle School Capacity*
  - *25 Students per Homeroom*
- *NAI and NASH Capacity*
  - *25 Students per Typical Classroom*
  - *20 Students Art and Science Labs*

## ■ **Pennsylvania Department of Education:**

- *Elementary Capacity*
  - *25 Students per Classroom*
- *Middle School Capacity*
  - *25 Students per Classroom*
  - *20 or 25 Students per Other Instructional Spaces*
- *NAI and NASH Capacity*
  - *25 Students per Classroom*
  - *20 or 25 Students per Other Instructional Spaces*

# Building Capacity Analysis



<b>Building Name</b>	<b>NASD Capacity</b>
Bradford Woods Elementary School	500
Franklin Elementary School	525
Hosack Elementary School	500
Ingomar Elementary School	525
Marshall Elementary School	850
McKnight Elementary School	850
Peebles Elementary School	475
<b>Elementary School Total</b>	<b>4225</b>
Carson Middle School	750
Ingomar Middle School	650
Marshall Middle School	775
<b>Middle School Total</b>	<b>2175</b>
Intermediate High School	1505
Senior High School	1725
<b>High School Total</b>	<b>3230</b>

# Building Capacity Analysis



Building Space	NASD			PDE			Building Space	NASD			PDE		
	Qty	Capacity Units	Program Capacity	Qty	Capacity Units	PDE Capacity		Qty	Capacity Units	Program Capacity	Qty	Capacity Units	PDE Capacity
Library	1			1			Special Education Classroom				2		
Half-Time Kindergarten	2	50	100	2	50	100	Autistic Support						
Full-Time Kindergarten							CAS / Reading						
Regular Classroom				16	25	400	Sized @ .75 CR	1					
Reg Class. (Grades 1-2)	7	25	175				Elem. Student Assist (ESAP)						
Reg Class. (Grades 3-5)	9	25	225				Sized @ .25 CR	1					
Science Classroom		25	0				Emotional Support						
G.O.A.L. (Gifted)				1			English 2nd Language (ESL)						
Sized @ .75 CR	1						Hearing Impaired						
Math/Reading Lab/PSSA							Instructional Assistant						
Small Group Seminar							Sized @ .5 CR	1			1		
Centrum Room							Learning Support	2					
Large Group Instruction	1			1			Life Skills						
Small Classroom < 660 SF							Sized @ .75 CR	1					
Computer Room	1			1			Occup. Phys. Therapy (OTIPT)						
Art Room	1			1			Sensory (with OTIPT)						
Music Room	1			1			Sized @ .5 CR	1					
Band Room							Speech Classroom						
Orchestra Room							Sized @ .25 CR	1					
Choral Room							Special Education Resource				4		
Music Practice Room	3			3			Other Spaces						
Multi-Purpose Room	1			1			A.V. Production						
Stage/Platform	1			1			D.A.R.T.	1			1		
Gymnasium							Inclusion Facilitator Office						
Locker Room	2			2			Social Worker Office						
Kitchen	1			1			Other Office						
Cafeteria							Parent Faculty Assoc.(PFA )				1		
Faculty Dining Room							Sized @ .25 CR	1					
Faculty Room	1			1			YMCA						
Health Suite	1			1			Space Needed for Sensory				1		
Building Administration	1			1									
Guidance Office	1			1									
Instructional Planning Center													
							Total NASD Program Capacity			500			
							Total PDE Capacity					500	

**This chart was developed for all school buildings.**

# Physical Conditions Analysis



***Bradford Woods  
Elementary School  
Renovated in 1992***



***Marshall  
Elementary School  
Opened in 1993***



***Marshall  
Middle School  
Opened in 1992***



- ***Due to the age of these buildings the following upgrades are required for continued use and code compliance.***
  - *Technology Upgrades*
    - *Data Cabling*
    - *Sound and Video Systems*
    - *Voice Amplification*
    - *Telephone*
    - *Projectors*
    - *Wireless Access Points*
  - *Energy Efficiency Upgrades*
  - *Heating and Cooling Upgrades*
  - *Electrical and Lighting Upgrades*
  - *ADA Upgrades*
  - *Roofing*
  - *Doors and Windows*
  - *Plumbing System Upgrades*
  - *Parking and Site Upgrades*
  - *Interior Finishes*
    - *Floors*
    - *Walls*
    - *Ceilings*

# Physical Conditions Analysis – Estimated Costs



## ■ **Bradford Woods Elementary School**

■ <i>Total Hard Cost</i>	\$ 9,898,015
■ <i>Furnishing Costs</i>	\$ 173,215
■ <i>Technology Costs</i>	\$ 791,841
■ <i>Construction Soft Costs</i>	<u>\$ 2,009,668</u>
■ <i>Total Project Cost</i>	\$12,872,739
■ <i>Potential Additional Costs to Obtain LEED Silver</i>	<u>\$ 1,167,274</u>
■ <i>Total Project Cost with LEED Silver</i>	\$ 14,040,013

## ■ **Marshall Elementary School**

■ <i>Total Hard Cost</i>	\$13,087,171
■ <i>Furnishing Costs</i>	\$ 229,025
■ <i>Technology Costs</i>	\$ 1,046,974
■ <i>Construction Soft Costs</i>	<u>\$ 2,657,186</u>
■ <i>Total Project Cost</i>	\$17,020,357
■ <i>Potential Additional Costs to Obtain LEED Silver</i>	<u>\$ 1,582,035</u>
■ <i>Total Project Cost with LEED Silver</i>	\$18,602,392

## ■ **Marshall Middle School**

■ <i>Total Hard Cost</i>	\$19,059,279
■ <i>Furnishing Costs</i>	\$ 333,537
■ <i>Technology Costs</i>	\$ 1,524,742
■ <i>Construction Soft Costs</i>	<u>\$ 3,869,748</u>
■ <i>Total Project Cost</i>	\$24,787,307
■ <i>Potential Additional Costs to Obtain LEED Silver</i>	<u>\$ 2,358,730</u>
■ <i>Total Project Cost with LEED Silver</i>	\$27,146,037





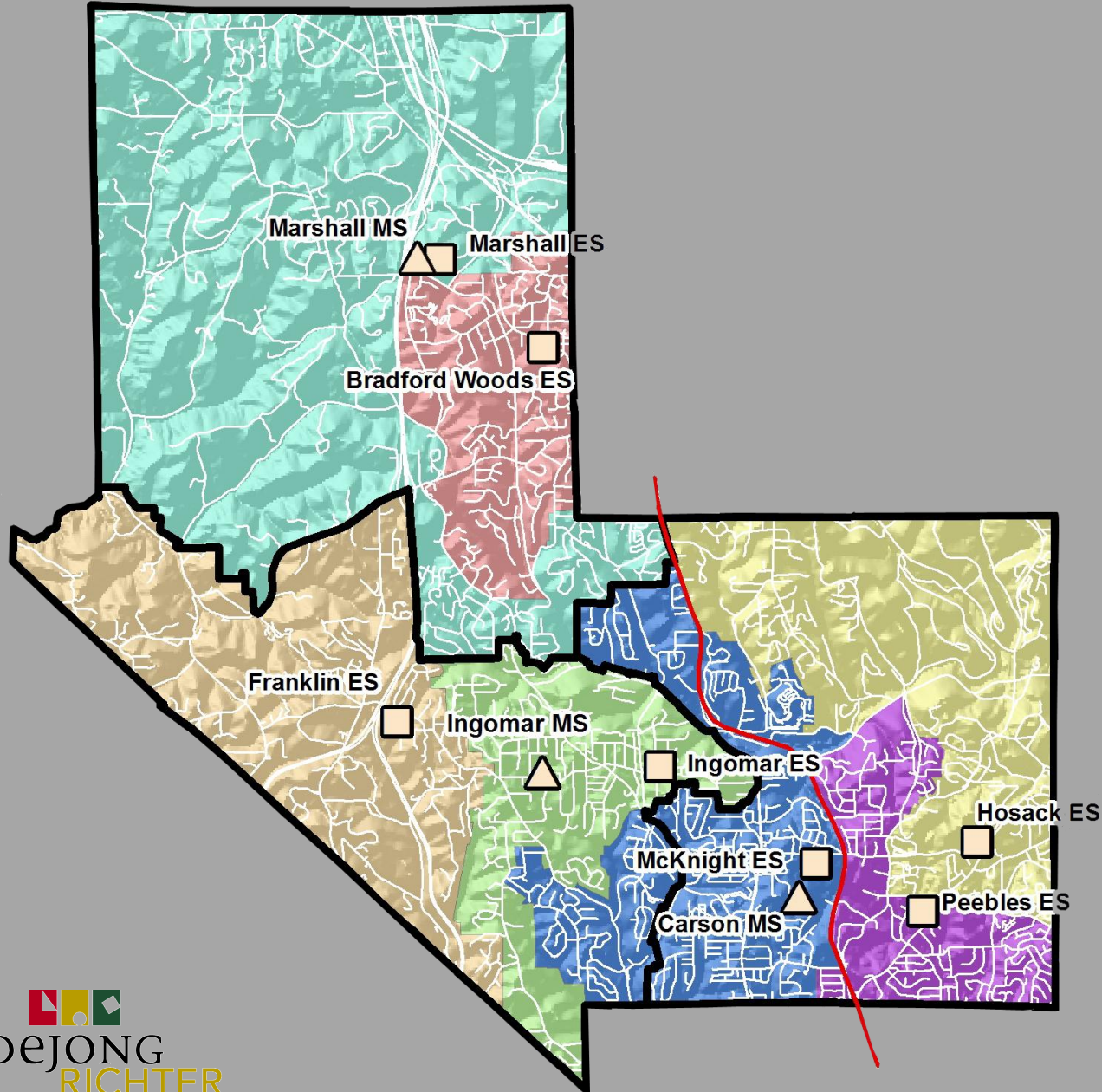
## ■ **2010 / 2011 Facility Utilization**

- *7 Elementary Schools and 3 Middle Schools*
- *Baseline with Current Enrollment*

## ■ **2010 / 2011 Facility Utilization with Peak Enrollment**

- *7 Elementary Schools and 3 Middle Schools*
- *Baseline with 10 Year Peak Enrollment*

# 2010 / 2011 Facility Utilization



# 2010 / 2011 Facility Utilization - 2010 / 2011 "3rd Day" Enrollments



<b>ELEMENTARY SCHOOLS</b>	<b>3rd Day Enrollment 2010-2011</b>	<b>NA Current Capacity</b>	<b>NA Current Excess Capacity</b>	<b>Current Utilization</b>
<i>Bradford Woods</i>	408	500	92	81.6%
<i>Franklin</i>	493	525	32	93.9%
<i>Hosack</i>	356	500	144	71.2%
<i>Ingomar</i>	456	525	69	86.9%
<i>Marshall</i>	678	850	172	79.8%
<i>McKnight</i>	780	850	70	91.8%
<i>Peebles</i>	355	475	120	74.7%
<i>Elementary School Totals</i>	<b>3526</b>	<b>4225</b>	<b>699</b>	<b>82.8%</b>

<b>SECONDARY SCHOOLS</b>	<b>3rd Day Enrollment 2010-2011</b>	<b>NA Current Capacity</b>	<b>NA Current Excess Capacity</b>	<b>Planned Utilization</b>
<i>Carson Middle</i>	727	750	23	96.9%
<i>Ingomar Middle</i>	635	650	15	97.7%
<i>Marshall Middle</i>	643	775	132	83.0%
<i>Middle School Totals</i>	<b>2005</b>	<b>2175</b>	<b>170</b>	<b>92.5%</b>

<i>NAI</i>	1298	1505	207	86.2%
<i>NASH</i>	1297	1725	428	75.2%
<i>High School Totals</i>	<b>2595</b>	<b>3230</b>	<b>635</b>	<b>80.7%</b>



- *Current school buildings with 2010 / 2011 “3<sup>rd</sup> Day” enrollments.*
- *The elementary schools have excess capacity of 699 seats.*
- *Middle school enrollment is not balanced.*
- *Facility improvements would be needed at Bradford Woods Elementary School, Marshall Elementary School and Marshall Middle School.*

# 2010 / 2011 Facility Utilization - With 10 Year Peak Enrollment



<b>ELEMENTARY SCHOOLS</b>	<i>3rd Day Enrollment 2010-2011</i>	<i>Peak Enrollment</i>	<i>NA Current Capacity</i>	<i>NA Current Excess Capacity</i>	<i>Planned Utilization</i>	<i>Final Excess Capacity</i>
Bradford Woods	408	399	500	101	79.8%	101
Franklin	493	538	525	-13	102.5%	-13
Hosack	356	376	500	124	75.2%	124
Ingomar	456	448	525	77	85.3%	77
Marshall	678	712	850	138	83.8%	138
McKnight	780	787	850	63	92.6%	63
Peebles	355	360	475	115	75.8%	115
<i>Elementary School Totals</i>	<b>3526</b>	<b>3620</b>	<b>4225</b>	<b>605</b>	<b>85.0%</b>	<b>605</b>

<b>SECONDARY SCHOOLS</b>	<i>3rd Day Enrollment 2010-2011</i>	<i>Peak Enrollment</i>	<i>NA Current Capacity</i>	<i>NA Current Excess Capacity</i>	<i>Planned Utilization</i>	<i>Final Excess Capacity</i>
Carson Middle	727	744	750	6	99.2%	6
Ingomar Middle	635	764	650	-114	117.5%	-114
Marshall Middle	643	658	775	117	84.9%	117
<i>Middle School Totals</i>	<b>2005</b>	<b>2166</b>	<b>2175</b>	<b>9</b>	<b>100.5%</b>	<b>9</b>

NAI	1298	1387	1505	118	92.2%	118
NASH	1297	1374	1725	351	79.7%	351
<i>High School Totals</i>	<b>2595</b>	<b>2761</b>	<b>3230</b>	<b>469</b>	<b>85.9%</b>	<b>469</b>



- *Maintains existing school buildings and programs and reflects the anticipated “Peak Enrollments” over the next ten years.*
- *The elementary schools have excess capacity of 605 seats.*
- *Middle school enrollment is not balanced.*
- *Facility improvements would be needed at Bradford Woods Elementary School, Marshall Elementary School and Marshall Middle School.*



## ■ **Option 1**

- *7 Elementary Schools and 3 Middle Schools.*
- *Redistribute middle school assignments.*
- *Facility improvements would be needed at Bradford Woods Elementary, Marshall Elementary School and Marshall Middle School.*

## ■ **Option 2**

- *6 Elementary Schools and 3 Middle Schools.*
- *Redistribute elementary and middle school assignments.*
- *Closes Bradford Woods Elementary School.*
- *Facility improvements would be needed at Marshall Elementary School and Marshall Middle School.*
- *Renovations would be required at McKnight Elementary School.*

## ■ **Option 3**

- *5 Elementary Schools and 3 Middle Schools.*
- *Redistribute elementary and middle school assignments.*
- *Closes Bradford Woods and Peebles Elementary Schools.*
- *Facility improvements would be needed at Marshall Elementary School and Marshall Middle School.*
- *Renovations would be required at McKnight Elementary School.*
- *An addition would be required at Franklin Elementary School.*



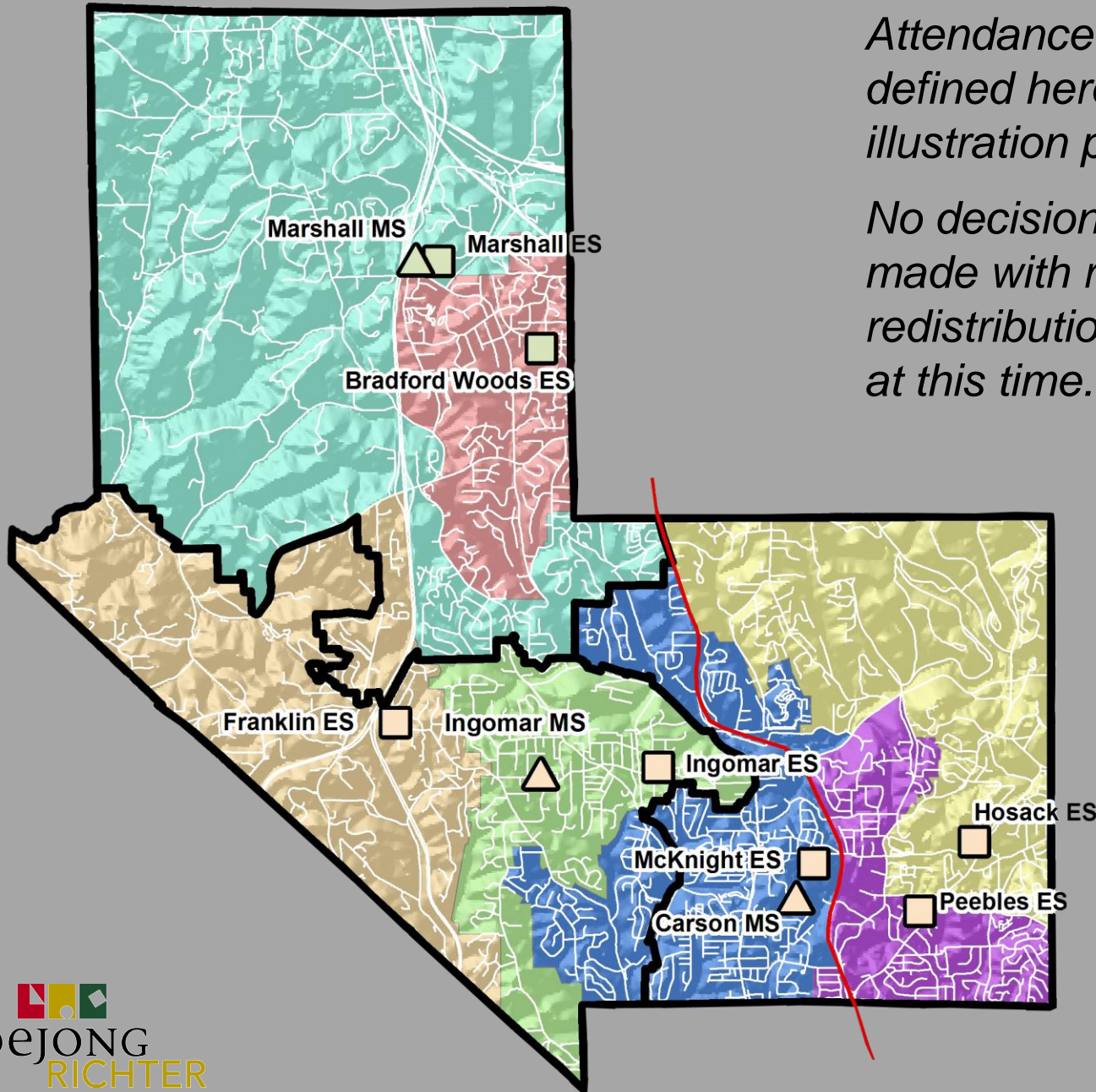
# Option 1 - Facility Utilization



- *Maintains existing school buildings and programs.*
- *Addresses the anticipated capacity problem at Ingomar Middle School by modifying the attendance zone.*
- *Facility improvements would be needed at Bradford Woods Elementary School, Marshall Elementary School and Marshall Middle School.*
  - *Bradford Woods Elementary School: \$14,040,013*
  - *Marshall Elementary School: \$18,602,392*
  - *Marshall Middle School: \$27,146,037*
- *Does not address the excess capacity issues at the elementary schools.*



# Option 1 - Facility Utilization



*Attendance zones defined here are for illustration purposes only.*

*No decisions have been made with regard to redistribution of students at this time.*

# Option 1 - Facility Utilization



<b>ELEMENTARY SCHOOLS</b>	3rd Day Enrollment 2010-2011	Planned Enrollment 2012-13	NA Current Capacity	NA Current Excess Capacity	2012-2013 Planned Utilization	2012-2013 Final Excess Capacity
Bradford Woods	408	399	500	101	79.8%	101
Franklin	493	538	525	-13	102.5%	-13
Hosack	356	376	500	124	75.2%	124
Ingomar	456	448	525	77	85.3%	77
Marshall	678	712	850	138	83.8%	138
McKnight	780	787	850	63	92.6%	63
Peebles	355	360	475	115	75.8%	115
<i>Elementary School Totals</i>	<b>3526</b>	<b>3620</b>	<b>4225</b>	<b>605</b>	<b>85.0%</b>	<b>605</b>

<b>SECONDARY SCHOOLS</b>	3rd Day Enrollment 2010-2011	Planned Enrollment 2012-13	NA Current Capacity	NA Current Excess Capacity	2012-2013 Planned Utilization	2012-2013 Final Excess Capacity
Carson Middle	727	694	750	56	92.5%	56
Ingomar Middle	635	625	650	25	96.2%	25
Marshall Middle	643	712	775	63	91.9%	63
<i>Middle School Totals</i>	<b>2005</b>	<b>2031</b>	<b>2175</b>	<b>144</b>	<b>93.5%</b>	<b>144</b>

NAI	1298	1387	1505	118	92.2%	118
NASH	1297	1285	1725	440	74.5%	440
<i>High School Totals</i>	<b>2595</b>	<b>2672</b>	<b>3230</b>	<b>558</b>	<b>83.3%</b>	<b>558</b>

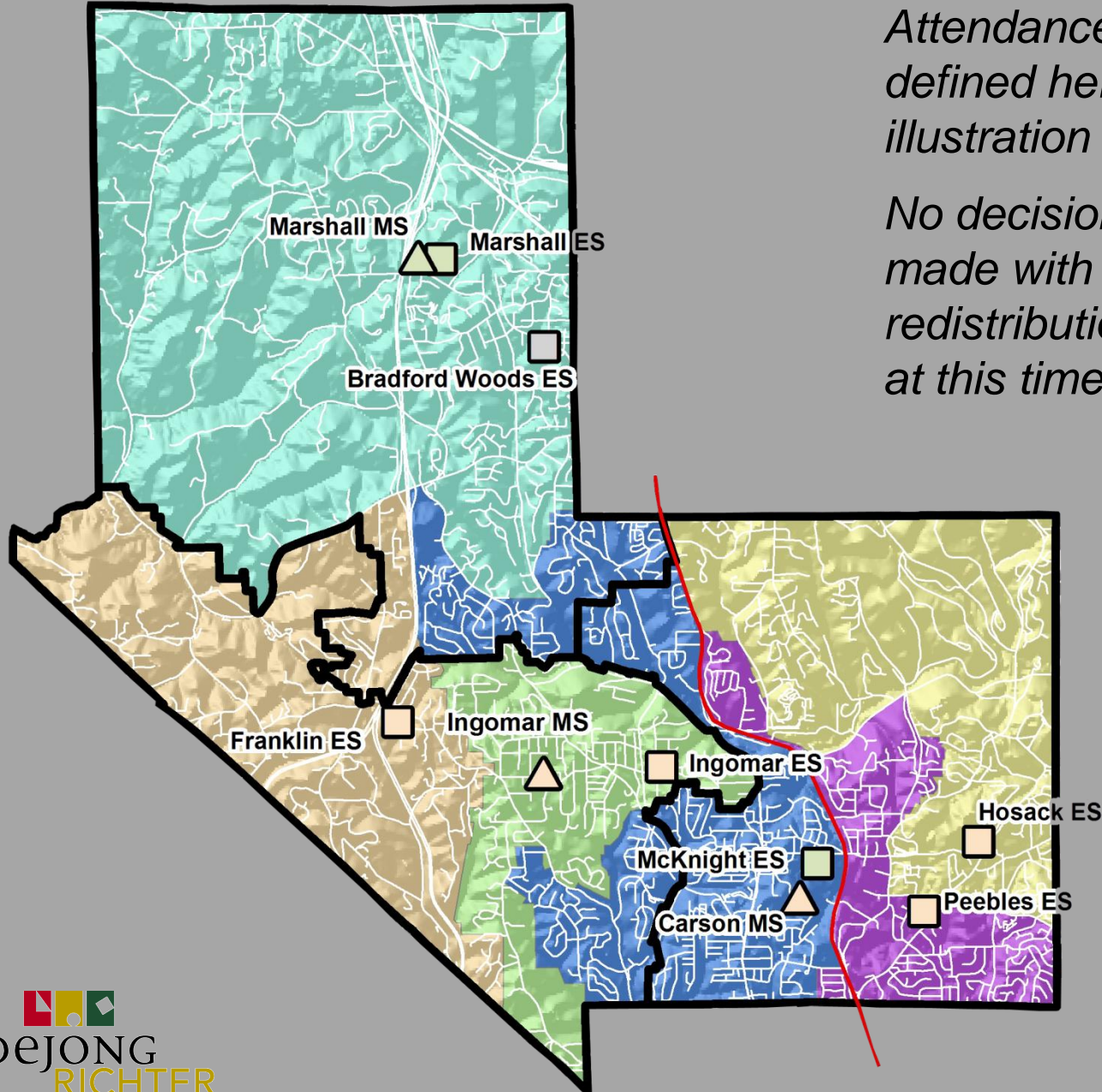
## Option 2 - Facility Utilization



- *Maintains 6 existing elementary school buildings and programs.*
- *Addresses the anticipated capacity problem at Ingomar Middle School by modifying the attendance zone.*
- *Retires Bradford Woods Elementary School, providing the District with an opportunity to reduce operation costs by increasing elementary targeted utilization. This eliminates the need for renovations to Bradford Woods Elementary School, saving \$14,040,013.*
- *Assumes a limited renovation to McKnight Elementary School to convert the former Pupil Services space into four (4) additional classrooms to increase the building capacity by 100.*
- *Improves capacity utilization of Hosack Elementary School and Peebles Elementary School, accommodating the attendance of all elementary students residing east of McKnight Road.*
- *Facility improvements would be needed at Marshall Elementary School and Marshall Middle School.*
  - *Marshall Elementary School: \$18,602,392*
  - *Marshall Middle School: \$27,146,037*
- *Reduces excess capacity issues at the elementary schools.*



# Option 2 - Facility Utilization



*Attendance zones defined here are for illustration purposes only.*

*No decisions have been made with regard to redistribution of students at this time.*

# Option 2 - Facility Utilization



<b>ELEMENTARY SCHOOLS</b>	3rd Day Enrollment 2010-2011	Planned Enrollment 2012-13	NA Current Capacity	NA Current Excess Capacity	Additions Planned	Planned Capacity	2012-2013 Planned Utilization	2012-2013 Final Excess Capacity
Bradford Woods	408	0	500	500	0	-	-	-
Franklin	493	528	525	-3	0	525	100.6%	-3
Hosack	356	421	500	79	0	500	84.2%	79
Ingomar	456	439	525	86	0	525	83.6%	86
Marshall	678	852	850	-2	0	850	100.2%	-2
McKnight	780	905	850	-55	100	950	95.3%	45
Peebles	355	408	475	67	0	475	85.9%	67
<i>Elementary School Totals</i>	<b>3526</b>	<b>3553</b>	<b>4225</b>	<b>672</b>	<b>100</b>	<b>3825</b>	<b>91.6%</b>	<b>272</b>

<b>SECONDARY SCHOOLS</b>	3rd Day Enrollment 2010-2011	Planned Enrollment 2012-13	NA Current Capacity	NA Current Excess Capacity	Additions Planned	Planned Capacity	2012-2013 Planned Utilization	2012-2013 Final Excess Capacity
Carson Middle	727	694	750	56	0	750	92.5%	56
Ingomar Middle	635	625	650	25	0	650	96.2%	25
Marshall Middle	643	712	775	63	0	775	91.9%	63
<i>Middle School Totals</i>	<b>2005</b>	<b>2031</b>	<b>2175</b>	<b>144</b>	<b>0</b>	<b>2175</b>	<b>93.5%</b>	<b>144</b>

NAI	1298	1387	1505	118	0	1505	92.2%	118
NASH	1297	1285	1725	440	0	1725	74.5%	440
<i>High School Totals</i>	<b>2595</b>	<b>2672</b>	<b>3230</b>	<b>558</b>	<b>0</b>	<b>3230</b>	<b>83.3%</b>	<b>558</b>

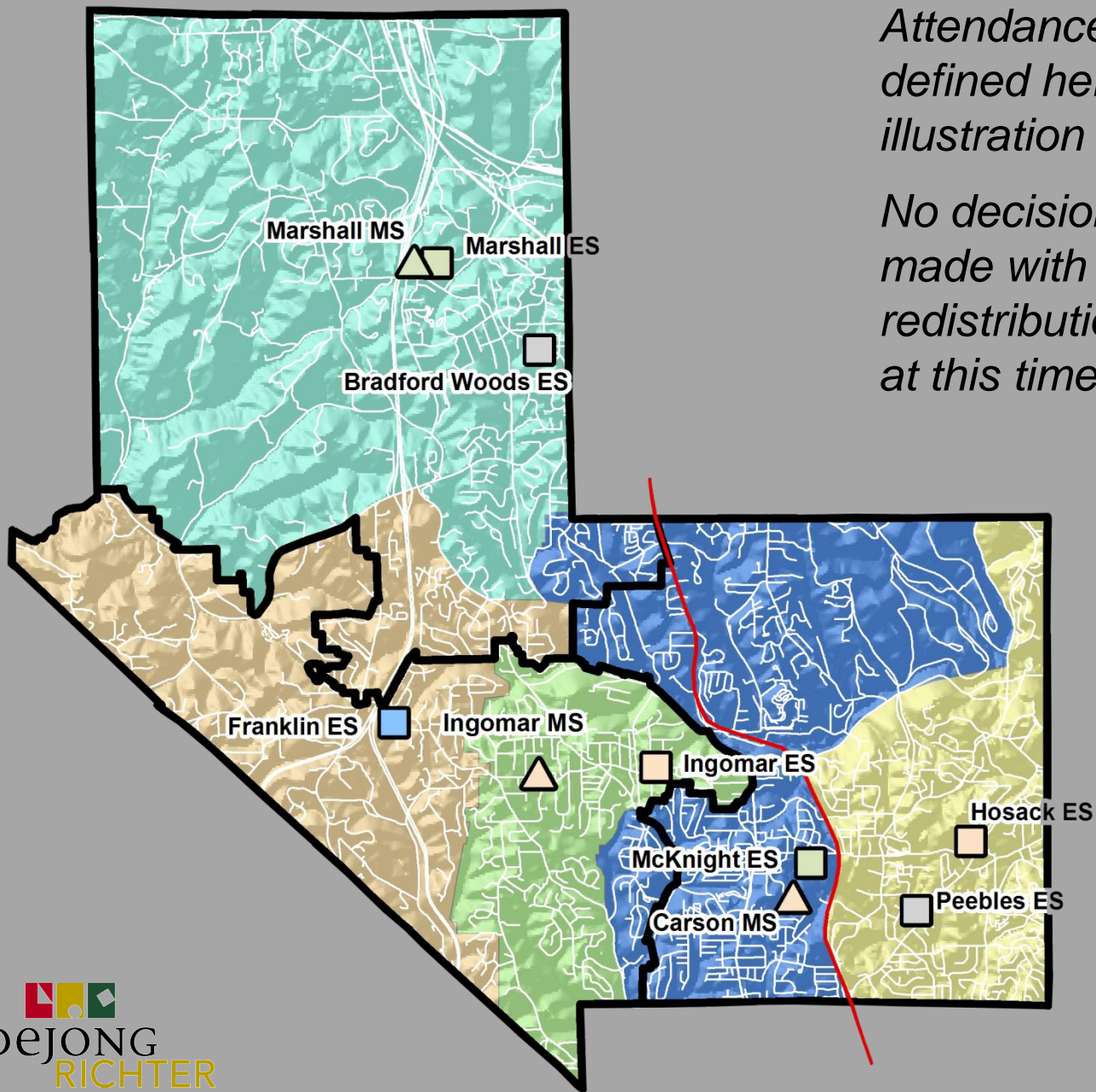
## Option 3 - Facility Utilization



- *Maintains 5 existing elementary school buildings and programs.*
- *Addresses the anticipated capacity problem at Ingomar Middle School by modifying the attendance zone.*
- *Retires Bradford Woods Elementary School and Peebles Elementary School, providing the District with an opportunity to reduce operation costs by increasing elementary targeted utilization. This eliminates the need for renovations to Bradford Woods Elementary School, saving \$14,040,013.*
- *Requires a limited renovation to McKnight Elementary School to convert the former Pupil Services space into four (4) additional classrooms to increase the building capacity by 100.*
- *Requires an addition to Franklin Elementary School to increase the capacity to 850 to accommodate potential future residential development and reassignment of elementary students.*
- *Facility improvements would be needed at Marshall Elementary School and Marshall Middle School.*
  - *Marshall Elementary School: \$18,602,392*
  - *Marshall Middle School: \$27,146,037*
- *Reduces excess capacity issues at the elementary schools.*



# Option 3 - Facility Utilization



*Attendance zones defined here are for illustration purposes only.*

*No decisions have been made with regard to redistribution of students at this time.*

# Option 3 - Facility Utilization



<b>ELEMENTARY SCHOOLS</b>	3rd Day Enrollment 2010-2011	Planned Enrollment 2012-13	NA Current Capacity	NA Current Excess Capacity	Additions Planned	Planned Capacity	2012-2013 Planned Utilization	2012-2013 Final Excess Capacity
Bradford Woods	408	0	500	500	0	-	-	-
Franklin	493	716	525	-191	325	850	84.2%	134
Hosack	356	566	500	-66	0	500	113.2%	-66
Ingomar	456	554	525	-29	0	525	105.5%	-29
Marshall	678	848	850	2	0	850	99.8%	2
McKnight	780	869	850	-19	100	950	91.5%	81
Peebles	355	0	475	475	0	-	-	-
<i>Elementary School Totals</i>	<b>3526</b>	<b>3553</b>	<b>4225</b>	<b>672</b>	<b>425</b>	<b>3675</b>	<b>98.8%</b>	<b>122</b>

<b>SECONDARY SCHOOLS</b>	3rd Day Enrollment 2010-2011	Planned Enrollment 2012-13	NA Current Capacity	NA Current Excess Capacity	Additions Planned	Planned Capacity	2012-2013 Planned Utilization	2012-2013 Final Excess Capacity
Carson	727	694	750	56	0	750	92.5%	56
Ingomar	635	625	650	25	0	650	96.2%	25
Marshall	643	712	775	63	0	775	91.9%	63
<i>Middle School Totals</i>	<b>2005</b>	<b>2031</b>	<b>2175</b>	<b>144</b>	<b>0</b>	<b>2175</b>	<b>93.5%</b>	<b>144</b>

NAI	1298	1387	1505	118	0	1505	92.2%	118
NASH (High School)	1297	1285	1725	440	0	1725	74.5%	440
<i>High School Totals</i>	<b>2595</b>	<b>2672</b>	<b>3230</b>	<b>558</b>	<b>0</b>	<b>3230</b>	<b>83.3%</b>	<b>558</b>





***North Allegheny School District***

***Mr. Roger Botti***

***Director of Assets, Transportation and  
Technology***



## ■ **Administration Responsibilities**

- *Maintain current educational program.*
- *Review potential operational cost savings.*
- *Review potential staffing realignments.*
- *Review of middle school attendance zones.*

## ■ **Consultant Responsibilities**

- *Develop schematic designs and estimates for potential renovations or additions at Franklin and McKnight Elementary Schools.*
- *Prepare final report.*

## ■ **Combined Responsibilities**

- *Review financial impacts of options proposed.*
- *Present final recommendations for consideration / action to the School Board in February of 2012.*



***Questions or Comments?***