

The City of Worcester annually provides the Worcester Public Schools with \$3 million for building rehabilitation projects. Since 2012 the funds have been used almost entirely to fund the city's share (approximately 20%) of Accelerated Repair Projects (windows, doors, and boiler replacements) through the Massachusetts School Building Authority (MSBA). To date, these funds have leveraged almost \$44 million in building improvements at seventeen school locations, primarily window replacement projects.


A summary of the work completed to date is as follows:


| 2012 Approved Projects | Total Budget | District Share | MSBA | Source: |
|-------------------------------|----------------------|-----------------------|----------------------|-----------------------------------|
| Chandler Magnet | \$ 3,708,855 | \$ (137,629) | \$ 3,846,484 | Final Grant Letter 11/30/15 |
| Jacob Hiatt | \$ 437,406 | \$ 128,926 | \$ 308,480 | Final Grant Letter 11/30/15 |
| Lake View | \$ 1,071,047 | \$ 278,785 | \$ 792,262 | Final Grant Letter 11/30/15 |
| May Street | \$ 1,958,482 | \$ 546,450 | \$ 1,412,032 | Final Grant Letter 11/30/15 |
| New Citizens Center | \$ 1,258,859 | \$ 299,103 | \$ 959,756 | Final Grant Letter 11/30/15 |
| | \$ 8,434,649 | \$ 1,115,635 | \$ 7,319,014 | |
| 2013 Approved Projects | | | | |
| Columbus Park | \$ 2,467,367 | \$ 948,841 | \$ 1,518,526 | Project Funding Agreement 1/14/15 |
| Tatnuck Magnet | \$ 2,038,196 | \$ 618,212 | \$ 1,419,984 | Project Funding Agreement 9/3/14 |
| Worcester East Middle | \$ 2,865,498 | \$ 1,463,422 | \$ 1,402,076 | Project Funding Agreement 9/3/14 |
| Worcester Arts Magnet | \$ 1,801,521 | \$ 618,338 | \$ 1,183,183 | Project Funding Agreement 9/2/14 |
| | \$ 9,172,582 | \$ 3,648,813 | \$ 5,523,769 | |
| 2014 Approved Projects | | | | |
| Goddard Elementary | \$ 5,494,557 | \$ 2,470,009 | \$ 3,024,548 | Project Funding Agreement 6/12/15 |
| Union Hill School | \$ 2,520,957 | \$ 936,835 | \$ 1,584,122 | Project Funding Agreement 6/12/15 |
| West Tatnuck | \$ 2,395,045 | \$ 1,191,634 | \$ 1,203,411 | Project Funding Agreement 6/12/15 |
| Clark Street | \$ 2,505,511 | \$ 1,051,266 | \$ 1,454,245 | Project Funding Agreement 6/12/15 |
| | \$ 12,916,070 | \$ 5,649,744 | \$ 7,266,326 | |
| 2015 Approved Projects | | | | |
| Jacob Hiatt | \$ 2,334,988 | \$ 712,126 | \$ 1,622,862 | Project Funding Agreement 5/13/16 |
| Flagg Street | \$ 4,336,844 | \$ 1,118,433 | \$ 3,218,411 | Project Funding Agreement 5/13/16 |
| McGrath Elementary | \$ 1,812,614 | \$ 613,639 | \$ 1,198,975 | Project Funding Agreement 5/13/16 |
| Grafton Street | \$ 4,569,125 | \$ 1,192,411 | \$ 3,376,714 | Project Funding Agreement 5/13/16 |
| | \$ 13,053,571 | \$ 3,636,609 | \$ 9,416,962 | |
| TOTAL ALL YEARS | \$ 43,576,872 | \$ 14,050,801 | \$ 29,526,071 | |

Any of the funds that have not been allocated to Accelerated Repair projects have been used to provide other rehabilitation projects, notably the replacement of the rooftop unit at the Jacob Hiatt Magnet School.

The Administration works closely with City of Worcester DPW on all of the project details and with the Budget Office of the use of the allocated building rehabilitation funds and any corresponding balances.

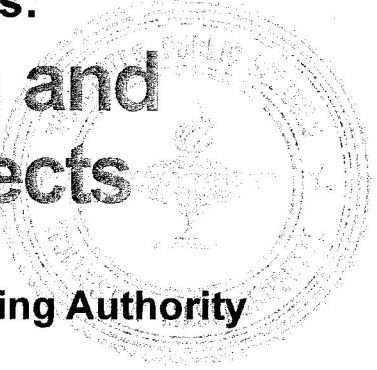
The MSBA Accelerated Repair Program has been very successful to date and other projects will be forwarded for consideration and review in the upcoming years. In the meantime, the district has begun a comprehensive facilities master plan project that will guide district decisions around building projects beginning in 2018.


 **Worcester Public Schools**

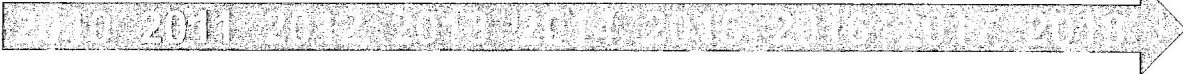


**Update and Future Plans:
School Renovation and
Construction Projects**

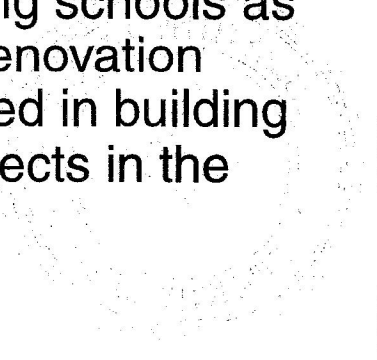
With the Massachusetts School Building Authority



 **Window Projects:**



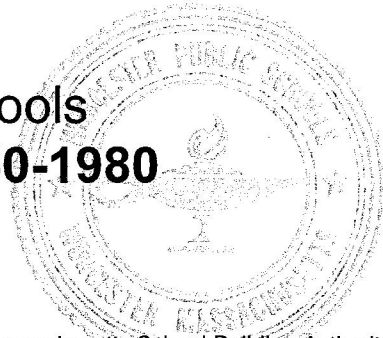
The district self identifies the following schools as being constructed or having major renovation during period of time PCBs were used in building materials in school construction projects in the country.



Window Projects



In Massachusetts
approximately **900** schools
were constructed during **1950-1980**



Source: Massachusetts School Building Authority
2010 Needs Survey (page 19)

Window Projects



Worcester Schools Constructed (1950-1973)

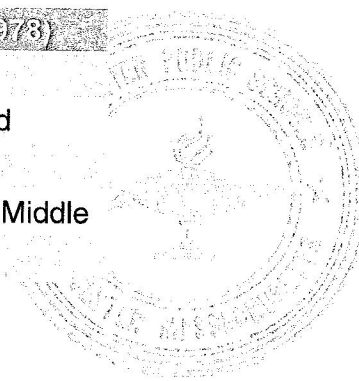
- | | | |
|------------------------|-------------------------|---------------------------|
| 1. Belmont Street | 8. Elm Park | 15. South High |
| 2. Burncoat High | 9. Flagg Street | 16. Union Hill #2 |
| 3. Burncoat Middle | 10. Forest Grove Middle | 17. Wawecus Road |
| 4. Chandler Elementary | 11. McGrath Elementary | 18. West Tatnuck |
| 5. Chandler Magnet | 12. Mill Swan | 19. Worcester Arts Magnet |
| 6. Clark Street | 13. New Citizens Center | |
| 7. Doherty High | 14. North High | |

Window Projects



Schools With Major Renovation (1950-1978)

- | | |
|------------------|--------------------------|
| 1. Columbus Park | 6. Rice Square |
| 2. Greendale | 7. Thorndyke Road |
| 3. Harlow Street | 8. Tatnuck Magnet |
| 4. May Street | 9. Worcester East Middle |
| 5. Nelson Place | |



MSBA Projects Summary



Since 2012:

Accelerated Repair Projects

(Windows, Roofs, and Boilers)

- **20 Window Projects & 7 Boiler Projects**
- **Total Investment: \$55.5 million (\$41.8 MSBA)**



MSBA Projects

2010 2011 2012 2013 2014 2015 2016 2017 2018



Nelson Place School invited into MSBA Replacement Program.

Total Cost of School: \$55.7 million

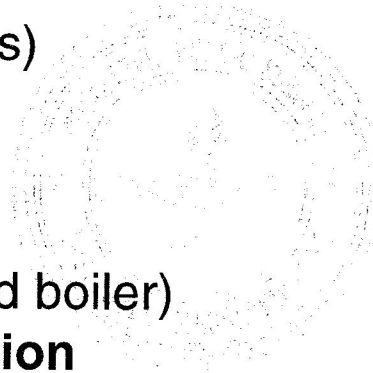
MSBA Projects

2010 2011 2012 2013 2014 2015 2016 2017 2018 2019

Accelerated Repair Projects:

- Chandler Magnet School (windows)
- Jacob Hiatt Magnet (boilers)
- Lake View School (windows)
- May Street School (windows)
- New Citizens Center (windows and boiler)

Total Cost of Projects: \$8.4 million

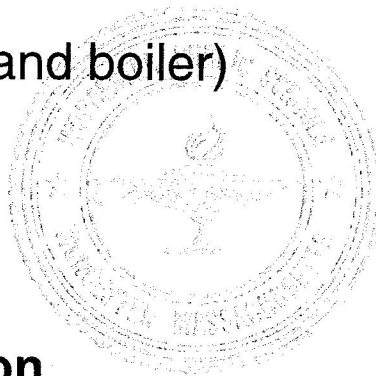


MSBA Projects



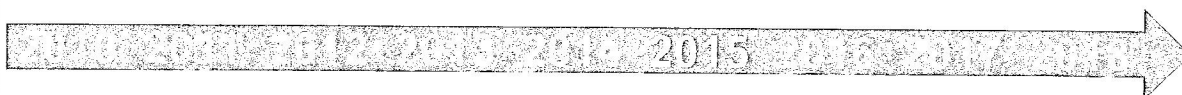
Accelerated Repair Projects:

- Columbus Park School (windows and boiler)
- Tatnuck Magnet (windows)
- Worcester Arts Magnet (windows)
- Worcester East Middle (boiler)



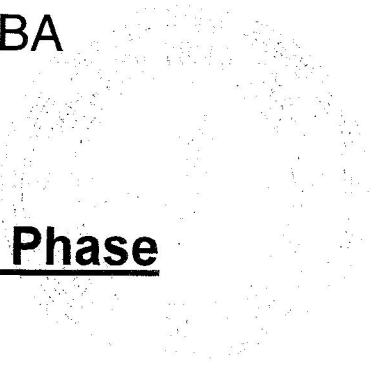
Total Cost of Projects: \$9.2 million

MSBA Projects



South High School invited into MSBA Renovation/Replacement Program.

Current Status: Feasibility Study Phase



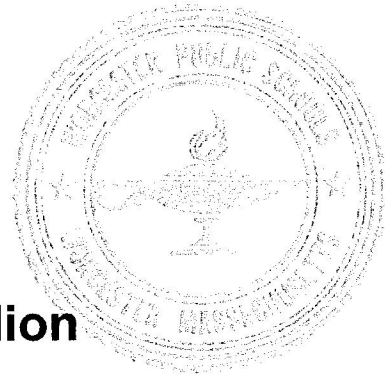
MSBA Projects



Accelerated Repair Projects:

- Clark Street School (windows)
- Goddard Elementary (windows)
- Union Hill School (windows)
- West Tatnuck School (windows)

Total Cost of Projects: \$12.9 million



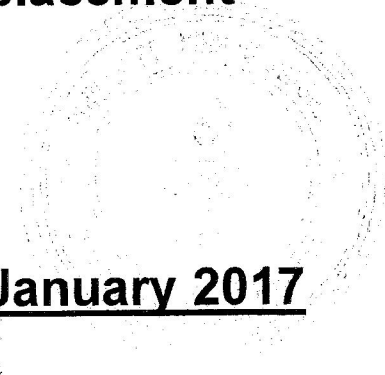
MSBA Projects



District re-submits to MSBA for **Replacement Projects** at:

- Doherty Memorial High School
- Burncoat High School
- Worcester East Middle School

District notification expected in January 2017



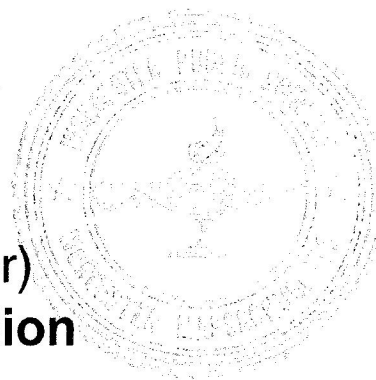
MSBA Projects



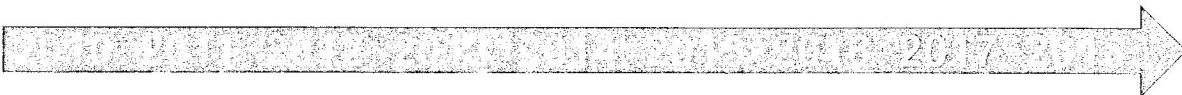
Accelerated Repair Projects:

- Jacob Hiatt Magnet (windows)
- Flagg Street (windows)
- McGrath Elementary (windows)
- Grafton Street (windows and boiler)

Total Cost of Projects: \$13.1 million



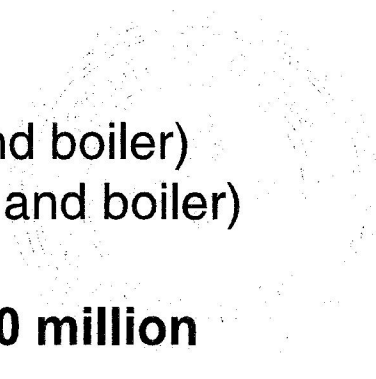
MSBA Projects



Accelerated Repair Projects:

- Belmont Street (windows)
- Chandler Elementary (windows and boiler)
- Gerald Creamer Center (windows and boiler)
- Wawecus Road School (windows)

Estimated Cost of Projects: \$12.0 million



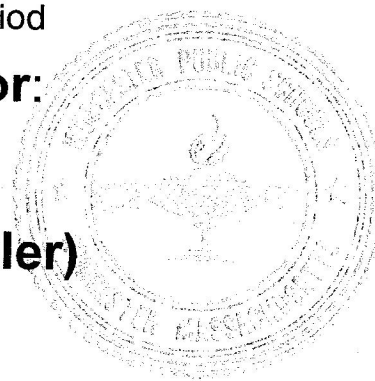
MSBA Projects

2010 2011 2012 2013 2014 2015 2016 2017 2018

District will request School Committee and City Council to authorize the district to submit in 2017 Statement of Interest Period

Window Replacement Projects for:

1. Burncoat High
2. Elm Park Community
3. Lincoln Street (& Roof and Boiler)
4. Rice Square
5. Thorndyke Road



PCB Management Best Practices

2010 2011 2012 2013 2014 2015 2016 2017 2018

Schools Constructed (1950-1978)

| | | |
|------------------------|-------------------------|---|
| 1. Belmont Street | 8. Elm Park | 15. South High (MSBA Feasibility Phase) |
| 2. Burncoat High | 9. Flagg Street | 16. Union Hill #2 |
| 3. Burncoat Middle | 10. Forest Grove Middle | 17. Wawecus Road |
| 4. Chandler Elementary | 11. McGrath Elementary | 18. West Tatnuck |
| 5. Chandler Magnet | 12. Mill Swan | 19. Worcester Arts Magnet |
| 6. Clark Street | 13. New Citizens Center | |
| 7. Doherty High | 14. North High | |

| | | | |
|------------------------|------------------|--------------------|------------------------|
| MSBA Completed windows | Windows Replaced | 2017 SOI Submittal | Core Project Submittal |
|------------------------|------------------|--------------------|------------------------|

PCB Management Best Practices



| Schools With Major Renovation (1950-1978) | |
|---|--------------------------|
| 1. Columbus Park | 6. Rice Square |
| 2. Greendale | 7. Thorndyke Road |
| 3. Harlow Street | 8. Tatnuck Magnet |
| 4. May Street | 9. Worcester East Middle |
| 5. Nelson Place | |



Summary



\$53.8 million investment into **Management Best Practices and Window Replacements** since 2012 in addition to replacement of Nelson Place School (**\$55.7 million**) and South High School (\$ TBD).