

## SCHOOLS PROGRAM

The Manassas City Public Schools aims to be a center of excellence, innovation, and hope and is committed to success for all students. In order to meet this goal, the School System must maintain its infrastructure (the school buildings) and plan for the future construction of new schools to meet the increasing student population.

The Manassas City Public School System is comprised of five elementary schools (George C. Round, Baldwin, R. C. Haydon, Jennie Dean, and Weems), one intermediate school (Mayfield), one middle school (Metz), and one high school (Osborn). Elementary Schools represent grades Pre-K thru 4<sup>th</sup> grade. The Intermediate School is grades 5 and 6 while Metz Middle School is grades 7 and 8. Osborn High School is grades 9-12.

School	Opened	Enrollment
Jennie Dean Elementary	1977	695
Weems Elementary	1977	743
Osborn High School	1977	2,145
R. C. Haydon Elementary	1979	577
George C. Round Elementary	1986	567
Metz Middle School	1990	1,025
Mayfield Intermediate School	2006	1,109
Baldwin Elementary School	2017	708
Baldwin Intermediate School	Fall 2017	n/a

All but two of the City's schools are over 25 years old. Additions and improvements have been made to the schools over the years but many improvements are still needed such as HVAC, security, parking lots, flooring, etc.

### PRIOR YEAR ACCOMPLISHMENTS

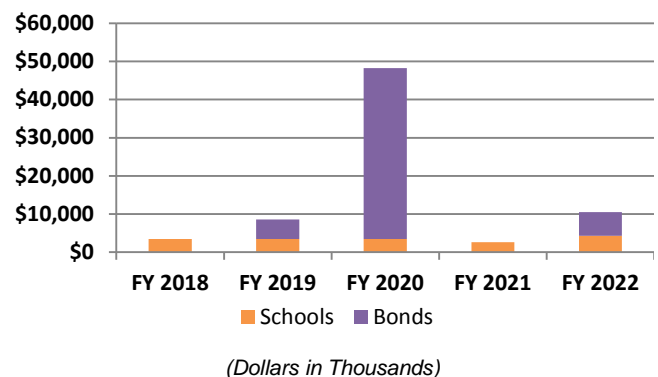
Construction on the new Baldwin Intermediate/Elementary School has been completed and the school opened for elementary school students in the beginning of 2017. Intermediate school students are expected to start in the Fall of 2017.



### THE FIVE YEAR PLAN (FY 2018 – FY 2022)

The FY 2018 Adopted Five-Year Capital Improvement Program (CIP) includes \$17,000,000 in School Funds and \$56,240,000 in Bonds.

FY 2018 Funding consists of a \$3,400,000 transfer from School Funds.



### FY 2018 CAPITAL PROJECTS

#### Division Wide

- Technology Improvements
- School Bus Additions
- School Bus Replacements

#### Osborn High School

- 1984 Addition – HVAC Rooftop Replacement
- Parking Lot Improvements
- Main Gym Bleacher Replacement

#### Metz Middle School

- Auditorium Improvements
- Hallway Flooring

#### Mayfield Intermediate School

- Paint

#### R. C. Haydon Elementary School

- Paint



### NEW PROJECTS

- Osborn – Water Heater/Boiler (0413)
- Mayfield – Roof Replacement (0603)
- Round – Window/Door Replacement (1007)

## SUMMARY OF SCHOOL CAPITAL & MAINTENANCE PROJECTS

(\$ in Thousands)

<b>Cost Estimates:</b>	<b>Prior Years</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>Future</b>	<b>Total Project</b>	<b>5-Year CIP</b>
Planning	-	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	533	533	-
Construction	-	3,400	8,529	48,240	2,558	10,513	1,529	74,769	73,240
<b>Total Cost</b>	<b>-</b>	<b>3,400</b>	<b>8,529</b>	<b>48,240</b>	<b>2,558</b>	<b>10,513</b>	<b>2,062</b>	<b>75,302</b>	<b>73,240</b>
<b>Funding Sources:</b>									
General Fund	-	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-	-
School Fund	-	3,400	3,400	3,400	2,558	4,242	2,062	19,062	17,000
Bonds	-	-	5,129	44,840	-	6,271	-	56,240	56,240
State	-	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-	-
<b>Total Funding</b>	<b>-</b>	<b>3,400</b>	<b>8,529</b>	<b>48,240</b>	<b>2,558</b>	<b>10,513</b>	<b>2,062</b>	<b>75,302</b>	<b>73,240</b>
<b>Operating Impacts:</b>									
Revenue	-	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-	-
Program (Costs) Saving	-	-	-	-	-	-	-	-	-
Debt Service	-	-	-	(410)	(3,997)	(3,997)	(71,545)	(79,949)	(8,404)
<b>Net Revenue</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>(410)</b>	<b>(3,997)</b>	<b>(3,997)</b>	<b>(71,545)</b>	<b>(79,949)</b>	<b>(8,404)</b>

### Program Highlights:

The FY 2018 Adopted Five-Year CIP includes \$73,240,000 for the Schools Program, which reflects an increase of \$5,455,000 or 8.0% from the FY 2017 Adopted Five-Year CIP. This increase is a result of moving Central Office Replacement out of Future Years and into FY 2022..

**SCHOOL CAPITAL & MAINTENANCE CAPITAL PROJECT LISTING**

*(\$ in Thousands)*

<b>Project Name</b>	<b>Prior Years</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>Future</b>	<b>Total Project</b>	<b>5-Year CIP</b>
Division Wide - Technol	-	175	175	175	250	200	200	1,175	975
Division Wide - School B	-	435	599	500	486	500	500	3,020	2,520
Division Wide - School B	-	217	120	125	121	-	-	583	583
Central Office - Replace	-	-	-	-	-	8,500	-	8,500	8,500
Osborn - HVAC 1984 A	-	1,190	-	-	-	-	-	1,190	1,190
Osborn - Parking Lot I	-	500	-	-	-	-	-	500	500
Osborn - Main Gym Ble	-	357	-	-	-	-	-	357	357
Osborn - Secured Vesti	-	-	-	-	251	-	-	251	251
Osborn - Water Heater/	-	-	-	-	-	-	533	533	-
Metz - Auditorium Impro	-	200	-	-	-	-	-	200	200
Metz - Hallway Flooring	-	141	-	-	-	-	-	141	141
Metz - Phased BAS/HVA	-	-	6,560	-	-	-	-	6,560	6,560
Metz - Parking Lot Seal	-	-	75	-	-	-	-	75	75
Metz - Secured Vestibul	-	-	-	-	517	-	-	517	517
Mayfield - Paint	-	120	-	-	-	-	-	120	120
Mayfield - Secured Vesti	-	-	-	-	373	-	410	783	373
Mayfield - Roof Replace	-	-	-	2,500	-	-	-	2,500	2,500
Haydon - Paint	-	65	-	-	-	-	-	65	65
Haydon - Window/Door	-	-	-	-	-	385	-	385	385
Haydon - Secured Vesti	-	-	-	-	184	-	-	184	184
Round - Secured Vestib	-	-	-	-	191	200	-	391	391
Round - Window/Door R	-	-	-	-	-	-	419	419	-
Weems - Parking Lot Se	-	-	-	40	-	-	-	40	40
Weems - Window/Door	-	-	-	-	-	389	-	389	389
Weems - Partial Mainten	-	-	-	-	-	84	-	84	84
Weems - Interior Paint	-	-	-	-	-	61	-	61	61
Weems - Secured Vesti	-	-	-	-	185	194	-	379	379
Dean - Building Replace	-	-	1,000	44,900	-	-	-	45,900	45,900
<b>Total</b>	<b>-</b>	<b>3,400</b>	<b>8,529</b>	<b>48,240</b>	<b>2,558</b>	<b>10,513</b>	<b>2,062</b>	<b>75,302</b>	<b>73,240</b>























# 0508 Metz - Phased BAS/HVAC Replacement

**Year Introduced:** 2014  
**Change:** No change  
**Associated Proj:** N/A  
**Program Area:** Schools  
**Managing Dept:** Schools  
**Manager:** Schools

**Plan Conformance:**  
 Comprehensive Plan 7.1

**Est. Start:** 7/1/2013  
**Est. Complete:** 6/30/2020



## Description:

Replace the classroom air boxes, air handlers, rooftop units, and building control system for Metz Middle School. The mechanical system is 23 years old; the control system failed in 2010. The new control system will reduce the amount of energy used at the school by scheduling equipment start/stop times and controlling space temperature.

<b>Cost Estimate:</b> (\$ in 1,000s)	<b>Prior Years</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>Future</b>	<b>Total Project</b>
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	-	6,560	-	-	-	-	6,560
<b>Total Cost</b>	-	-	<b>6,560</b>	-	-	-	-	<b>6,560</b>
<b>Funding Sources:</b> (\$ in 1,000s)								
General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	1,431	-	-	-	-	1,431
Bonds	-	-	5,129	-	-	-	-	5,129
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
<b>Total Funding</b>	-	-	<b>6,560</b>	-	-	-	-	<b>6,560</b>
<b>Operating Impacts:</b> (\$ in 1,000s)								
Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	(410)	(410)	(410)	(6,975)	(8,205)
<b>Net Revenue</b>	-	-	-	<b>(410)</b>	<b>(410)</b>	<b>(410)</b>	<b>(6,975)</b>	<b>(8,205)</b>





































# 1301 Dean - Building Replacement

**Year Introduced:** 2014  
**Change:** No change  
**Associated Proj:** C-017  
**Program Area:** Schools  
**Managing Dept:** Schools  
**Manager:** Schools  
**Plan Conformance:**  
 Comprehensive Plan 7.1

**Est. Start:** 7/1/2018  
**Est. Complete:** 6/30/2023



## Description:

Construct new school - Dean.  
 Original construction is 1958 and replacement was one of the recommended options in the 2002 Facility Master Plan. Several systems were replaced in 2003, which extended the usefulness of the building.

<b>Cost Estimate:</b> (\$ in 1,000s)	<b>Prior Years</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>Future</b>	<b>Total Project</b>
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	-	1,000	44,900	-	-	-	45,900
<b>Total Cost</b>	<b>-</b>	<b>-</b>	<b>1,000</b>	<b>44,900</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>45,900</b>
<b>Funding Sources:</b> (\$ in 1,000s)								
General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	1,000	60	-	-	-	1,060
Bonds	-	-	-	44,840	-	-	-	44,840
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
<b>Total Funding</b>	<b>-</b>	<b>-</b>	<b>1,000</b>	<b>44,900</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>45,900</b>
<b>Operating Impacts:</b> (\$ in 1,000s)								
Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	(3,587)	(3,587)	(64,570)	(71,744)
<b>Net Revenue</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>(3,587)</b>	<b>(3,587)</b>	<b>(64,570)</b>	<b>(71,744)</b>

**SCHOOLS FUTURE YEARS PROJECTS SUMMARY**

*(\$ in Thousands)*

<u>Project #</u>	<u>Project Name and Description</u>	<u>COST</u>	<u>SOURCE</u>
0413	Osborn - Water Heater/Boiler	\$ 533	School Funds
1007	Round - Window/Door Replacement	\$ 419	School Funds