

SMART Strategies Moving Forward

PROPOSED SOLUTIONS TO MOVE SMART PROGRAM FORWARD

A decorative graphic consisting of a grid of small, light blue dots arranged in a roughly rectangular shape, located to the left of the presentation date.

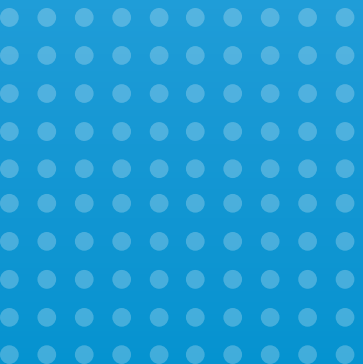
Presented
October 9, 2018

Topics for Discussion

- **Simplify Reporting**
- **SMART Strategies Moving Forward**
- **SMART Team Realignment**









Simplify Reporting



SMART Renovations by the Numbers

Projects/by Line Item

Data through August 31st, 2018

 <p>Project Planning</p> <p>3</p> <p>\$0.56 M</p>	 <p>Hire Designer</p> <p>28</p> <p>\$43.55 M</p>	 <p>Design</p> <p>905</p> <p>\$712.21 M</p>	 <p>Hire Contractor</p> <p>84</p> <p>\$82.73 M</p>	 <p>Construction/ Implementation</p> <p>182</p> <p>\$91.10 M</p>	 <p>Closeout/ Completed</p> <p>318</p> <p>\$57.85 M</p>
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PROJECTS/schools

PRIMARY	0/0	8/8	187/184	21/21	14/14	1/1
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OF SCHOOLS

SPE	0	0	49	7	12	28/142 <small>Meets District Standards</small>
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OF SCHOOLS

SCEP*	N/A	N/A	19	N/A	101	50
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*Note: School Choice Enhancement (SCEP) Projects at 60 Year 5 Schools will launch by Q4 2018

Simplify Reporting Metrics

PROJECT 3

SMART INVESTMENTS LEAD TO SMART STUDENTS. SCHOOL SPOTLIGHT QUARTER ENDING JUNE 30, 2018

Olsen Middle School
SMART Facilities Update By Project Cont.

SCHOOL CHOICE ENHANCEMENTS Phase 100% complete

SCHEDULE:	PH1 Plan/Design	PH2 Implement	PH3 Complete
Planned	Q4 2016	Q1 2018	Q4 2018
Actual	1/22/2018	02/20/18	

SCOPE: School Choice Enhancements BUDGET: \$100,000 FLAG: COMMENTS:

SMART INVESTMENTS LEAD TO SMART STUDENTS. SCHOOL SPOTLIGHT QUARTER ENDING JUNE 30, 2018

Olsen Middle School
330 SE 11 TERRACE, DANIA BEACH 33004

Location ID: 0471
Board District: 1
Board Member: Ann Murray
ADEFB Budget*: \$7,830,000
Total Facilities Budget: \$7,406,000

NOTE: This quarter reflects the Adopted District Educational Facilities Plan total budget as approved by SBRC in September 2017. This budget includes Technology Improvements and Musical Instruments Replacements which are not included in this section of the report.
- All dates are based on calendar year. SMART funded projects are included. DEFP projects are omitted from this project list.
- Projects without expenses to date may roll up in the "Previously Active Project Detail Schedule".

PRIMARY PROJECTS CURRENT STATUS: Design
Primary Renovations: 40% Construction Documents in progress.
Single Point of Entry: Complete - 3/15/18.
School Choice Enhancements: Votag complete 2/23/2018. (38) laptops and (14) printers are on order, anticipated delivery Q3 2018. Furniture quotes are being coordinated.

SMART Facilities Update By Project

- 1 PLANNING Develop & Validate Project Scope
- 2 HIRE DESIGN TEAM Advertise & Hire Design Team
- 3 DESIGN Prepare Plans & Drawings to release to contractor/vendor
- 4 HIRE VENDOR Hire Vendor to Implement Improvements
- 5 IMPLEMENT IMPROVEMENTS Vendor Implement Improvements
- 6 CLOSEOUT/COMPLETE Final Inspection for Quality Assurance

PRIMARY RENOVATIONS Phase 75% complete

SCHEDULE:	PH1 Plan	PH2 Hire A/E	PH3 Design	PH4 Hire Vendor	PH5 Implement	PH6 Complete
Planned	Q1 2017	Q1 2017	Q4 2017	Q2 2018	Q1 2019	Q2 2020
Actual/Forecast	8/1/2017	3/28/2017	10/20/2017	Q4 2018 (Forecast)	Q2 2019	Q3 2020

SCOPE: Bidg Envelope Impr. (Roof, Window, Ext Wall, etc.) \$3,129,000
Electrical Improvements \$248,000
Fire Sprinklers \$19,000
HVAC Improvements \$3,248,000
Media Center Improvements \$203,000
Safety/Security Upgrade \$306,000

BUDGET: FLAG: \$ COMMENTS: Delay has occurred in the Design process that has affected the project schedule. The project is in the final stages of design and soon to be submitted for review. The project schedule is being closely watched to avoid further delays.

SINGLE POINT OF ENTRY Phase 100% complete

SCHEDULE:	PH1 Plan	PH2 Hire A/E	PH3 Design	PH4 Hire Vendor	PH5 Implement	PH6 Complete
Planned	Q3 2016	Q3 2016	Q4 2016	Q1 2017	Q3 2017	Q1 2018
Actual/Forecast	9/29/2016	9/30/2016	11/11/2016	11/19/2016	7/1/2017	1/29/2018

SCOPE: Single Point of Entry BUDGET: \$233,000 FLAG: COMMENTS:

CBRE HEERY ATKINS FLAG KEY: S=Schedule B=Budget
S=Schedule reflects a date of inability to meet the planned milestone date for progressing to next phase in the process.
B=Budget reflects a need for board approved increase in funding based on bid and/or change order results.

- PROJECT 1
- PROJECT 2
- PROJECT 3
- PROJECT 4
- PROJECT 5
- PROJECT 6
- PROJECT 8
- PROJECT 9

Previous Reporting:
9 Projects

Olsen Middle School							
Adopted District Educational Facilities Plan							
Project	Program Year 1 2015	Program Year 2 2016	Program Year 3 2017	Program Year 4 2018	Program Year 5 2019	Total	Scope
There are no DEFP projects for this location.							
SMART Program							
Project	Program Year 1 2015	Program Year 2 2016	Program Year 3 2017	Program Year 4 2018	Program Year 5 2019	Total	Scope
Safety & Security	19,000					19,000	Fire Sprinklers
Safety & Security			233,000			233,000	Single Point of Entry
Safety & Security			206,000			206,000	Safety / Security Upgrade
Renovation			3,248,000			3,248,000	HVAC Improvements
Renovation			268,000			268,000	Electrical Improvements
Renovation			15,000			15,000	CAT 6 Data port Upgrade
Renovation			3,129,000			3,129,000	Building Envelope Improvements (Roof, Window, Ext Wall, etc.)
Renovation			130,000			130,000	Wireless Network Upgrade
Renovation			100,000			100,000	School Choice Enhancement
Renovation			203,000			203,000	Media Center improvements
Technology			125,000			125,000	Additional computers to close computer gap
Technology			54,000			54,000	Technology Infrastructure (Servers, Racks, etc.) Upgrade
SMART Sub-Total	19,000		7,711,000			7,730,000	
Completed							
Type	Program Year 1 2015	Program Year 2 2016	Program Year 3 2017	Program Year 4 2018	Program Year 5 2019	Total	Scope
DEFP	100,000					100,000	Music Equipment Replacement
Complete Sub-Total	100,000					100,000	
School Total	119,000	0	7,711,000	0	0	7,830,000	
Smart Total	119,000	0	7,711,000	0	0	7,830,000	

Simplify Reporting Metrics

PROJECT 3

SMART INVESTMENTS LEAD TO SMART STUDENTS. SCHOOL SPOTLIGHT QUARTER ENDING JUNE 30, 2018

Olsen Middle School
SMART Facilities Update By Project Cont.

SCHOOL CHOICE ENHANCEMENTS Phase 100% complete

SCHEDULE: PH1 Plan/Design PH2 Implement PH3 Complete

Planned: Q4 2016 Q1 2018 Q4 2018 Q4 2018
Actual: 1/20/2018 02/20/18

SCOPE: School Choice Enhancements **BUDGET:** \$100,000 **FLAG:** **COMMENTS:**

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PRIMARY RENOVATIONS Phase 75% complete

SCHEDULE: PH1 Plan PH2 Hire A/E PH3 Design PH4 Hire Vendor PH5 Implement PH6 Complete

Planned: Q1 2017 Q1 2017 Q4 2017 Q2 2018 Q1 2019 Q2 2020 Q2 2020
Actual/Forecast: 8/1/2017 3/28/2017 10/20/2017 Q4 2018 (Forecast) Q2 2019 Q3 2020 Q3 2020

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COMMENTS: Delay has occurred in the Design process that has affected the project schedule. The project is in the final stages of design and soon to be submitted for review. The project schedule is being closely watched to avoid further delays.

SCHOOL POINT OF ENTRY Phase 100% complete

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SCOPE: Single Point of Entry **BUDGET:** \$233,000 **FLAG:** **COMMENTS:**

CBRE HEERY ATKINS **BROWARD COUNTY PUBLIC SCHOOLS**

FLAG KEY: S=Schedule B=Budget
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Budget reflects a need for board approved increase in funding based on bid and/or change order results.

PROJECT 1

PROJECT 2

- PROJECT 1
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- PROJECT 3
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Previous Reporting:
9 Projects

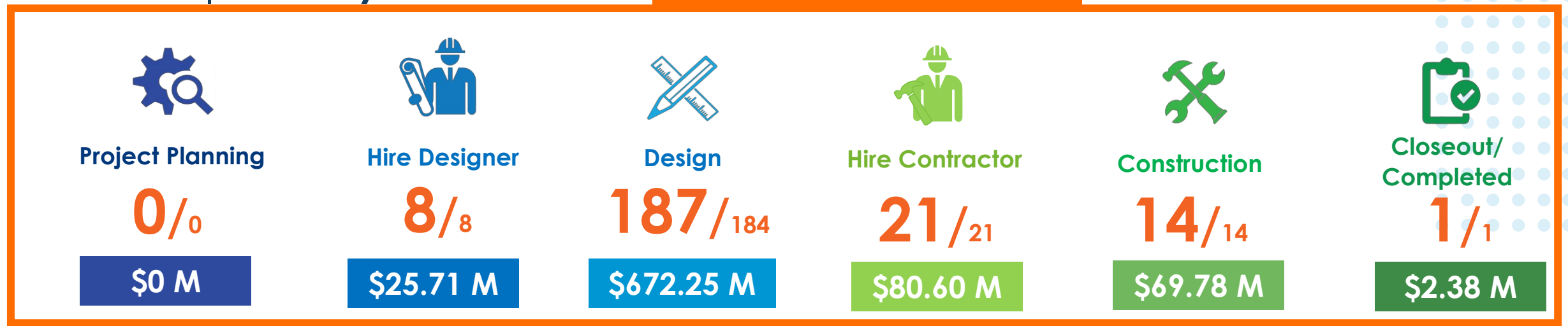
Simplified Reporting:
3 Projects

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Facilities | Primary Renovations

Data through August 31st, 2018

Projects/Schools



PROJECT COUNTS	55	Permitting	Permit drawings being reviewed. Phase is complete once permitting is received.
	37	90%-95% Complete	Projects are in the process of submittal for permit.
	24	70%-90% Complete	Construction documents are nearing completion or completed for permitting
	20	50%-70% Complete	Incorporating details and specifications into construction documents.
	38	20%-50% Complete	Beginning to develop construction documents
	13	0%-20% Complete	Defining and validating general scope of projects.



Single Point of Entry by the Numbers

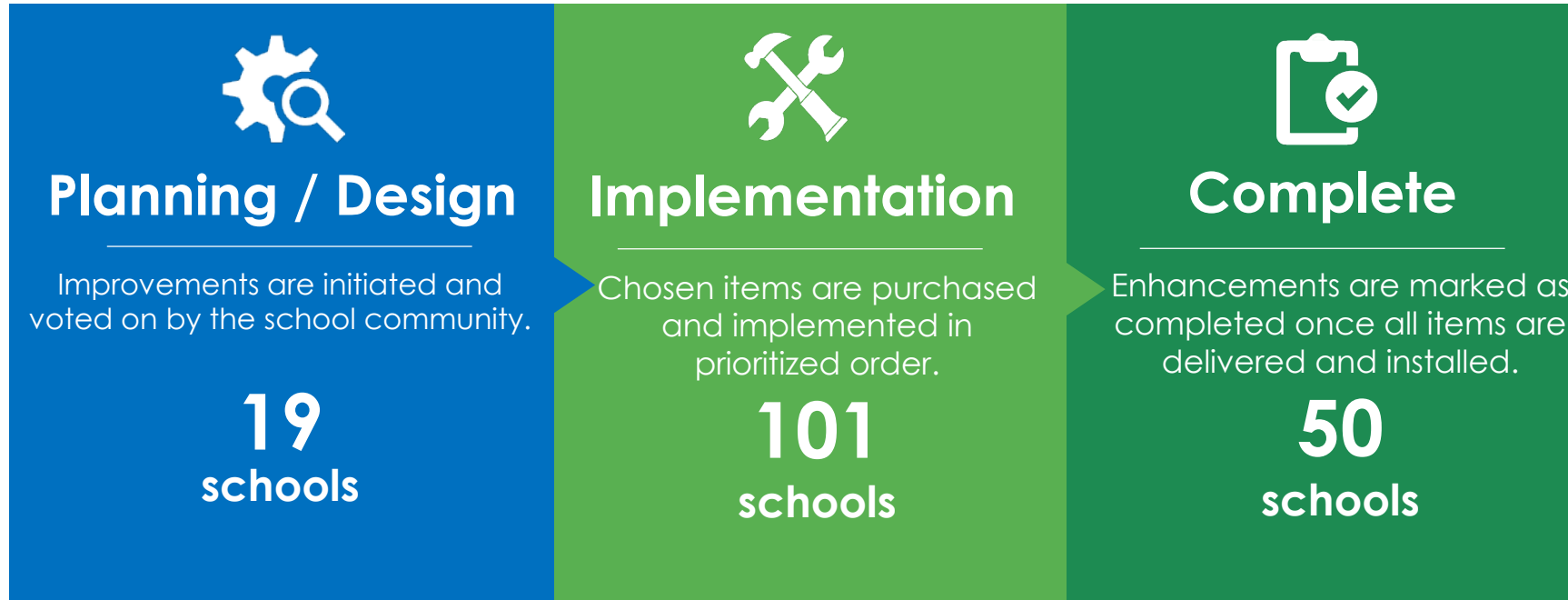
Data through August 31st, 2018



All schools have been assessed against **District Standards**



School Choice Enhancement



Implementation **90%** or more
Complete at **12** Schools

Data through August 31st, 2018

170
Schools with Improvements Underway or Complete

60
Year 5 Schools to Launch by Q4 2018

Items Complete as of August 31st, 2018
806



SMART Strategies Moving Forward



SMART Strategies Moving Forward

- Schedule
- Budget
- Address Design/Construction Risk Factors



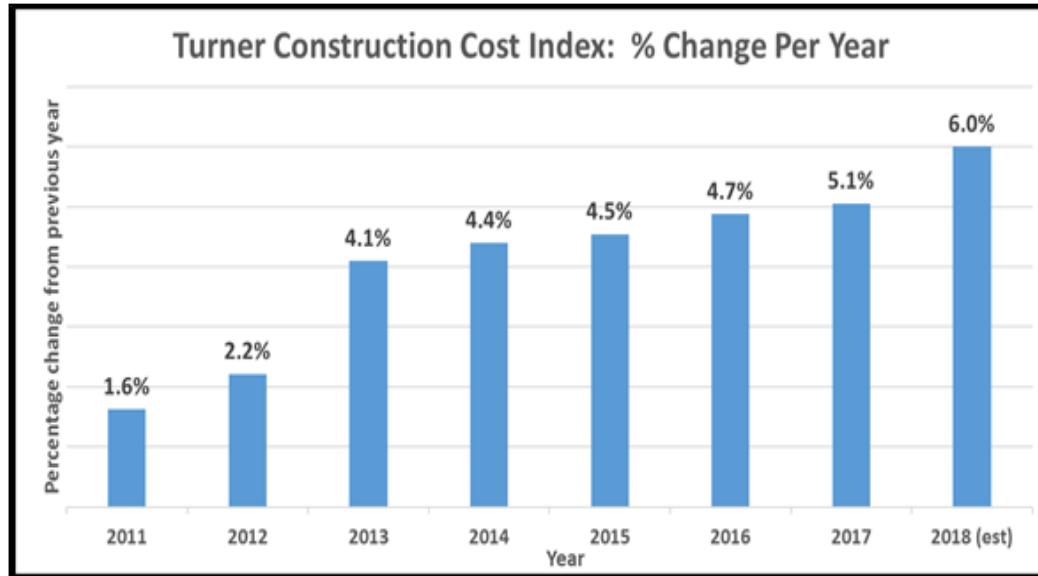
Schedule – *SMART strategies moving forward*



- Re-assess, validate and update **Milestone Based Schedule**
- Manage and track projects to the updated Milestone schedule
- Maintain a constant **Baseline** Milestone Schedule through completion
- Monitor, update and report schedules monthly to reflect actual progress
- **Deliver new, updated milestone based schedule by November 30th**



Budget



- Record market conditions will continue to drive project budgets
- Monitor project budgets quarterly in comparison to actual costs
- Develop strategies to mitigate market impact on costs
- September 2018 Risk Assessment Released

“As projects become more complex, it takes longer to get people caught up on those new methods.”
The shortage translates into higher labor costs, longer timetables — and more expensive projects.

Miami Herald author, “Dylan Jackson”

The Miami Herald

\$75,000 a year with benefits; no college needed. **Yet local employers can't fill jobs**

BY DYLAN JACKSON
 djackson@miamiherald.com
 September 04, 2018 01:06 PM
 Updated September 04, 2018 04:12 PM

Miami is a city with an ever changing skyline. And those who make it happen — the plumbers, electricians, brick masons and carpenters — earn far above the local median: \$55,000-75,000 a year with full benefits and a pension.

But as the economy barrels toward full employment, local contractors are struggling to find enough skilled workers to fuel the construction boom.

“We’re seeing it across the board. There are shortages in every trade,” said Peter Dyga, president of the South Florida-based Florida East Coast Chapter of Associated Builders and

Addressing Design/Construction Risk Factors

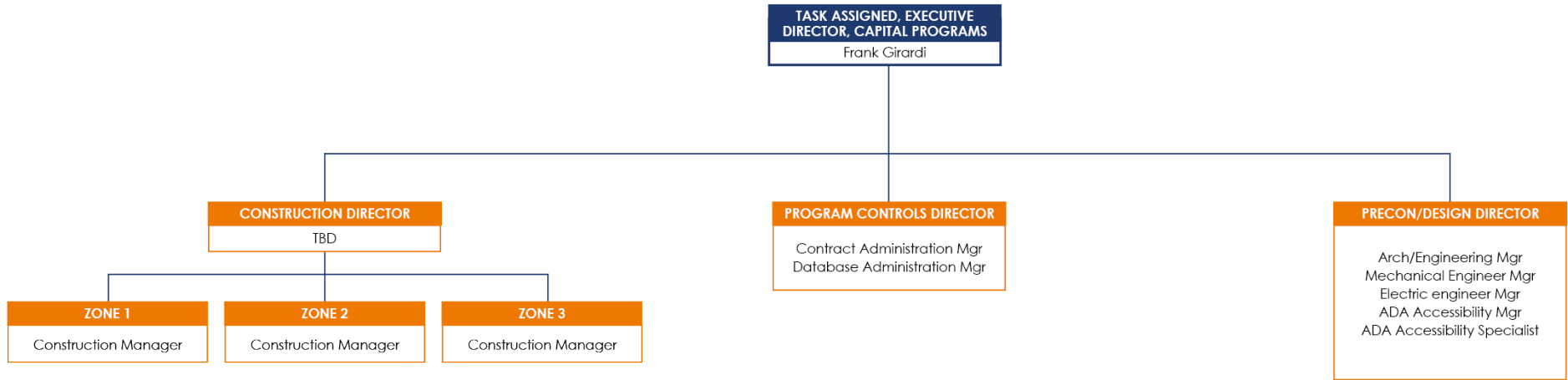
- **63% of the renovation program consists of Roofing and HVAC improvements**
 - Roofing – 30% of the program
 - HVAC – 33% of the program
- Develop risk mitigation strategies
- Explore procurement alternatives



SMART Team Realignment

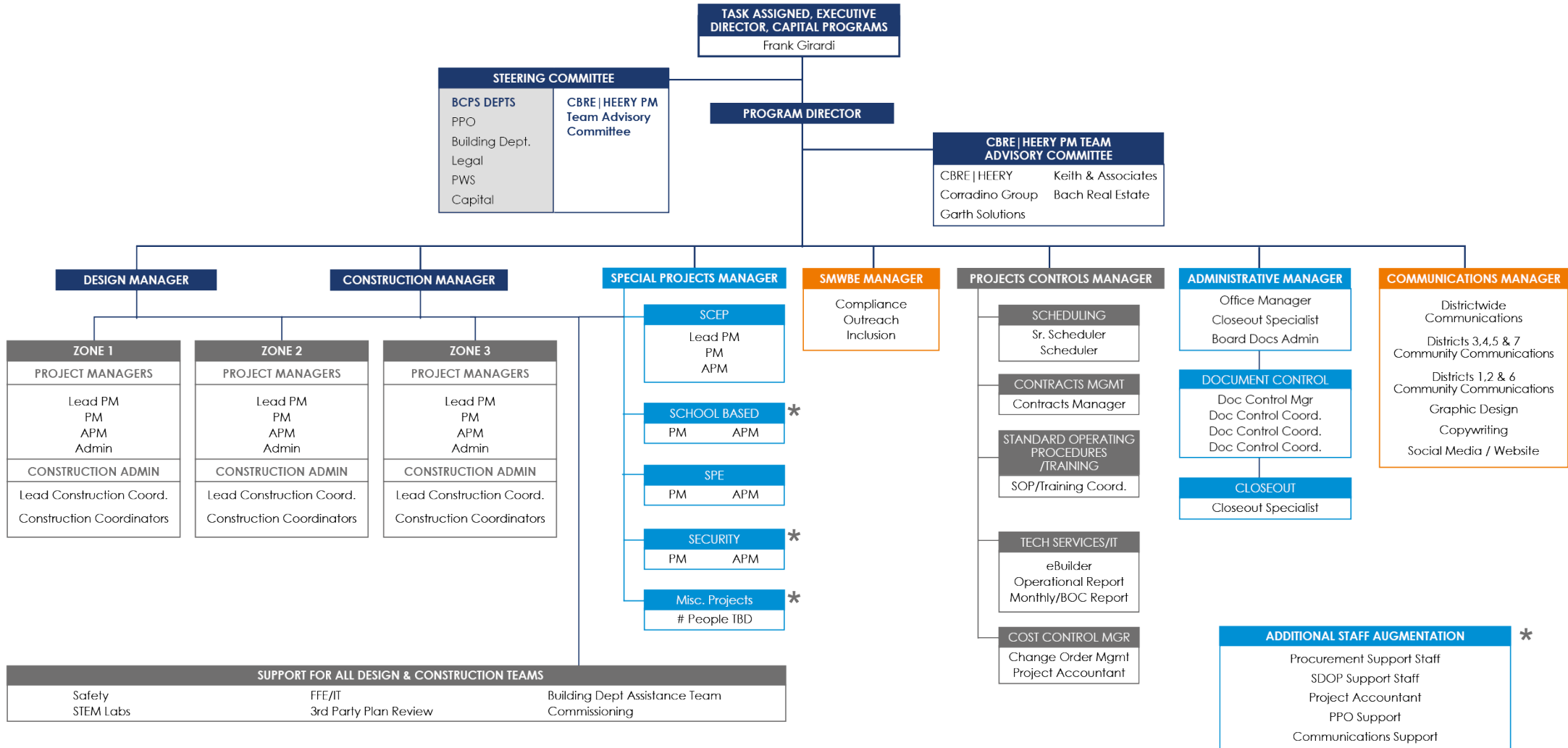


DISTRICT CAPITAL PROGRAMS TEAM



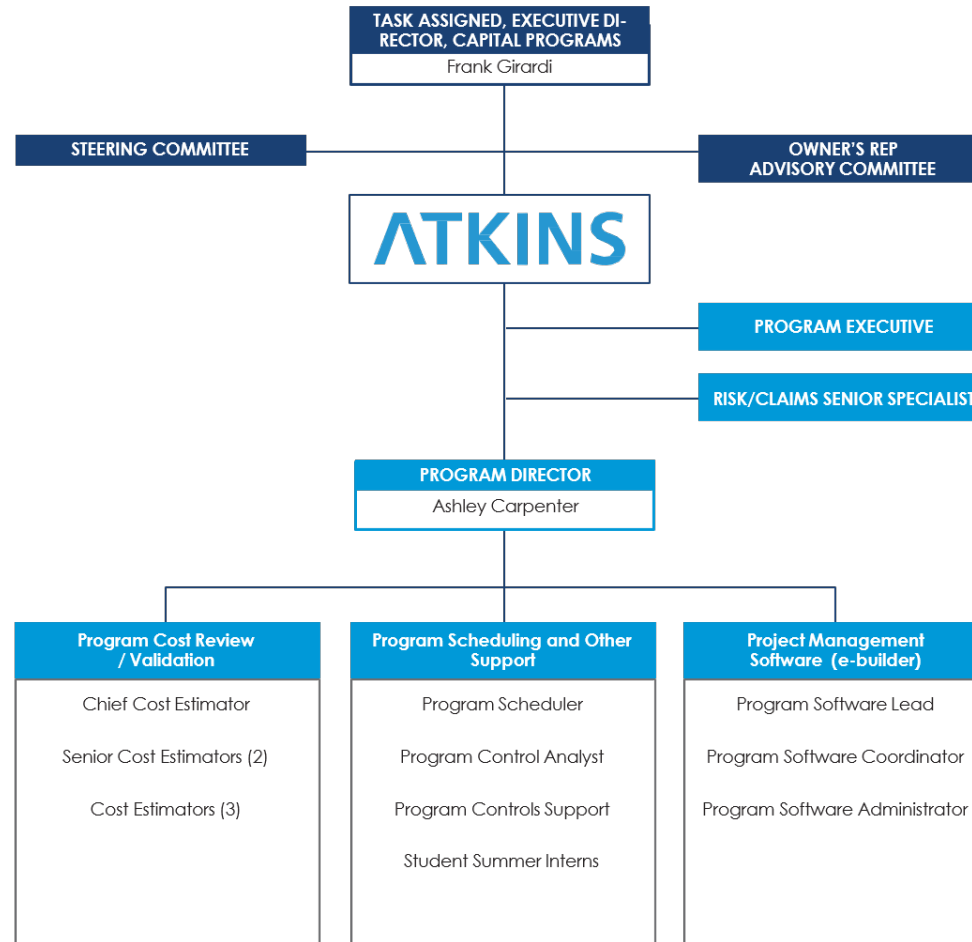


REALIGNED SMART PROGRAM OWNER REPRESENTATIVE TEAM



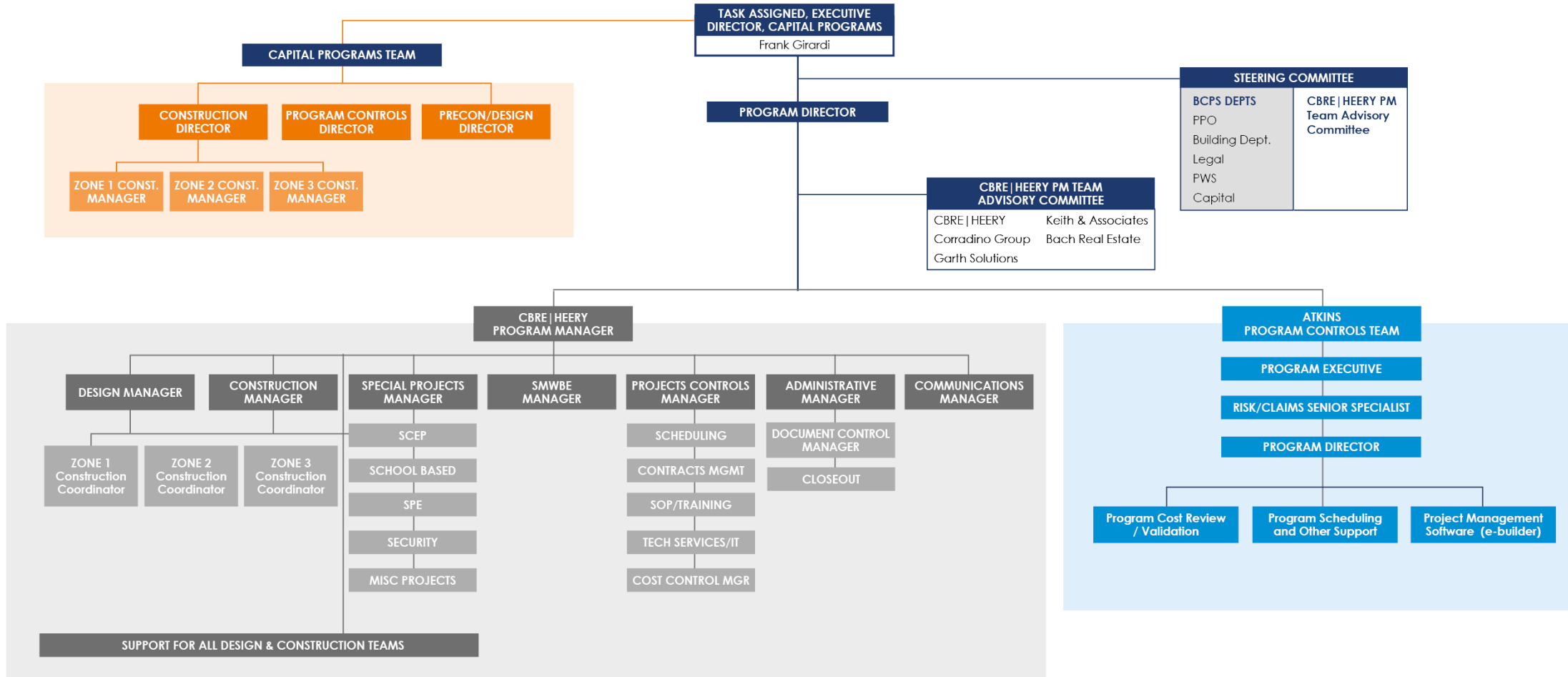
* Denotes Non-SMART

PROPOSED SMART PROGRAM CONTROLS TEAM



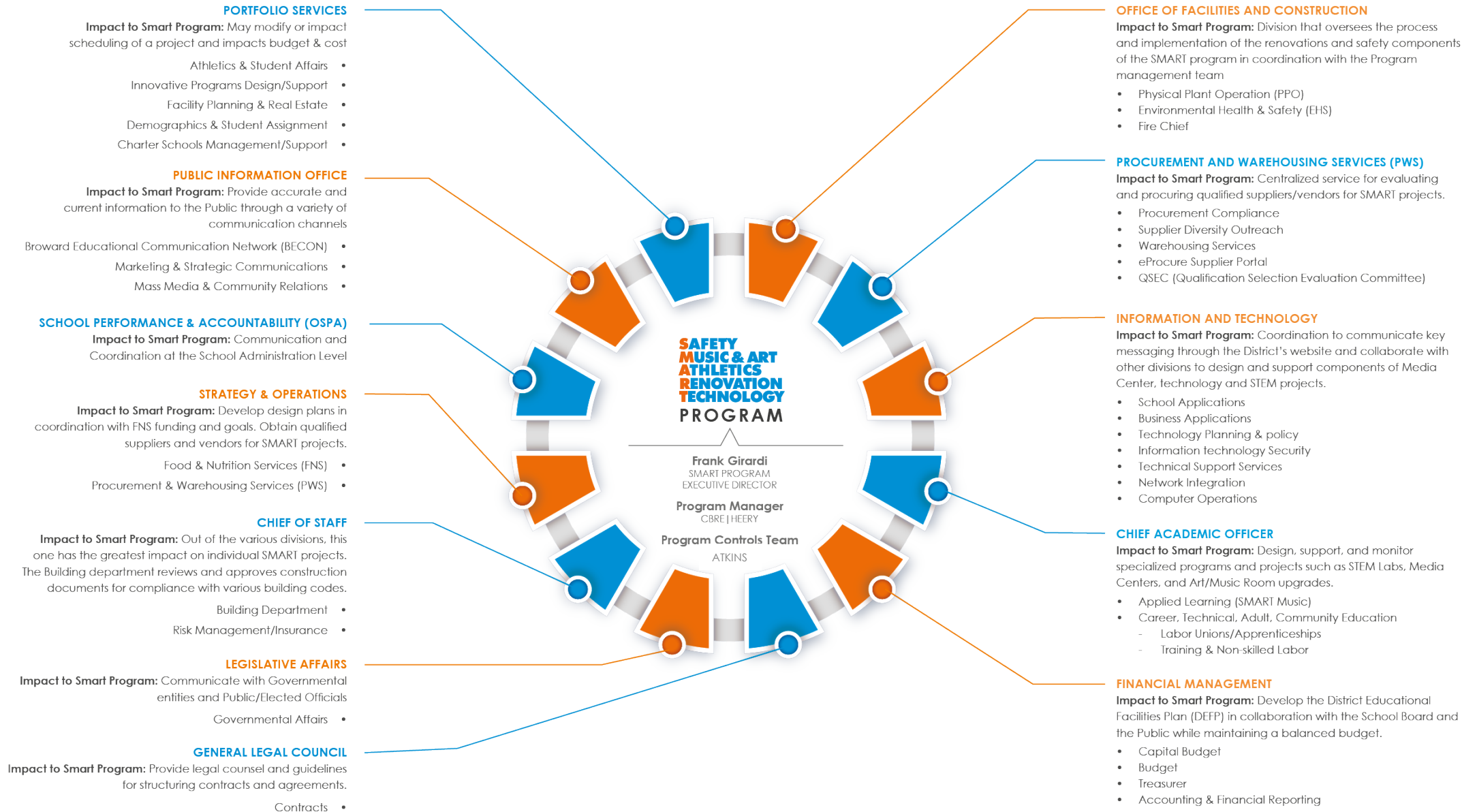


REALIGNED SMART PROGRAM TEAM





SMART PROGRAM COLLABORATION MATRIX





The School Board of Broward County Florida

Nora Rupert, Chair

Heather P. Brinkworth, Vice Chair

Robin Bartleman

Abby M. Freedman

Patricia Good

Donna P. Korn

Laurie Rich Levinson

Ann Murray

Dr. Rosalind Osgood

Robert W. Runcie, Superintendent of Schools

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