

# 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 text.

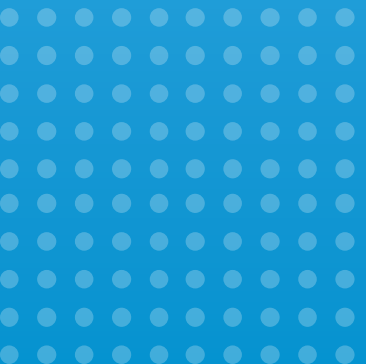
Presented  
October 9, 2018

# Topics for Discussion

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



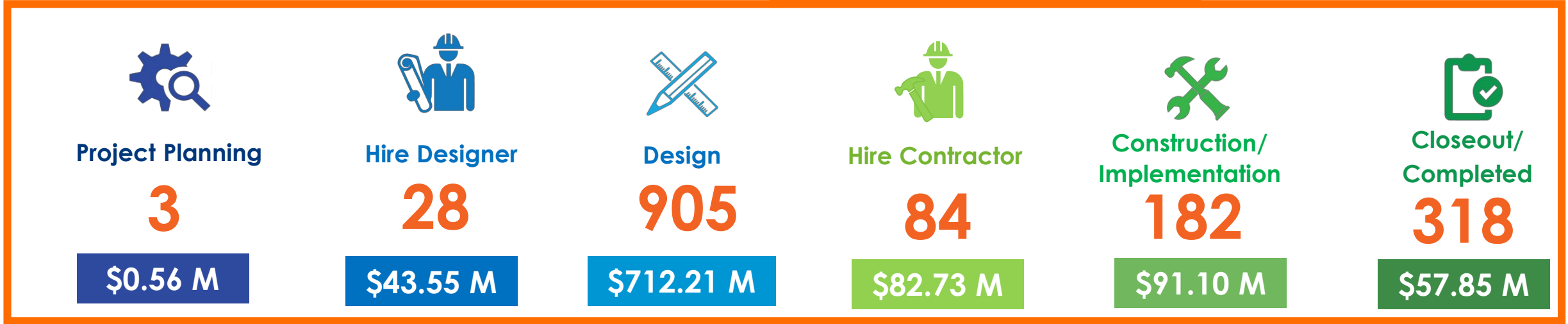
# Simplify Reporting



# SMART Renovations by the Numbers

Data through August 31<sup>st</sup>, 2018

Projects/by Line Item



	Projects/Schools						
PRIMARY	0/0	8/8	186/184	21/21	14/14	1/1	
SPE	0 SCHOOLS	0 SCHOOLS	49 SCHOOLS	7 SCHOOLS	12 SCHOOLS	28 SCHOOLS	Meets District Standards 142
SCEP*	N/A	N/A	19 SCHOOLS	N/A	101 SCHOOLS	50 SCHOOLS	

\*Note: School Choice Enhancement (SCEP) Projects at 60 Year 5 Schools will launch by Q4 2018



# Simplify Reporting Metrics

## PREVIOUS REPORTING:

- Project = ADEFP Line Item

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
P1	Safety & Security	19,000				19,000	Fire Sprinklers
P2	Safety & Security		233,000			233,000	Single Point of Entry
P3	Safety & Security		206,000			206,000	Safety / Security Upgrade
P4	Renovation		3,248,000			3,248,000	HVAC Improvements
P5	Renovation		268,000			268,000	Electrical Improvements
P6	Renovation		15,000			15,000	CAT 6 Data port Upgrade
P7	Renovation		3,129,000			3,129,000	Building Envelope Improvements (Roof, Window, Ext Wall, etc.)
P8	Renovation		130,000			130,000	Wireless Network Upgrade
P9	Renovation		100,000			100,000	School Choice Enhancement
P10	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	

## SIMPLIFIED REPORTING:

- Project = Package of Line Items
- ADEFP Line Item = ADEFP Line Item

**SCHOOL SPOTLIGHT**  
 QUARTER ENDING JUNE 30, 2018

**Olsen Middle School**  
 330 SE 11 TERRACE, DANIA BEACH 33004

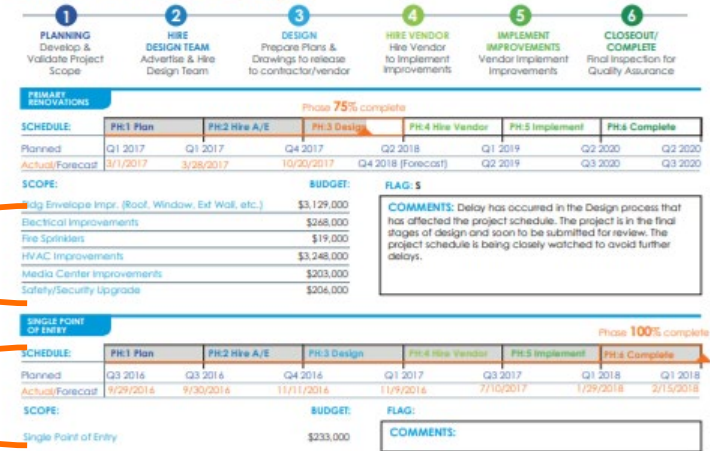
Location ID	0471
Board District	1
Board Member	Ann Murray
ADEFP Budget*	\$7,830,000
Total Facilities Budget	\$7,406,000

\*NOTE: This quarter reflects the Adopted District Educational Facilities Plan total budget as approved by SBC 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 the project list.  
 - Projects without expenditures to date may not show up in the "Financially Active Project Detail Schedule".

**PRIMARY PROJECTS CURRENT STATUS: Design**

Primary Renovation: 60% Construction Documents in progress.  
 Single Point of Entry: Complete - 2/15/18.  
 School Choice Enhancements: Voting complete 2/23/2018. (38) Laptops and (14) printers are on order, anticipated delivery Q3 2018. Furniture quotes are being coordinated.

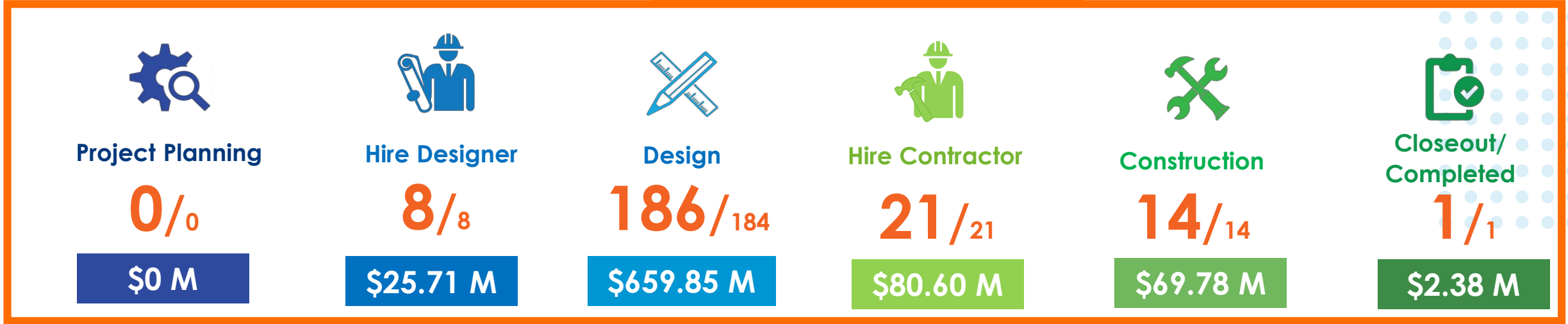
### SMART Facilities Update By Project



# Facilities | Primary Renovations

Data through August 31<sup>st</sup>, 2018

Projects/Schools



PROJECT COUNTS

55	<b>Permitting</b>	Permit drawings being reviewed. Phase is complete once permitting is received.
36	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.



**115** projects are **70% or more** Complete



## Key Takeaway

Ready to go to procurement with **\$60 million worth of work by October 31.**

# Single Point of Entry by the Numbers

Data through August 31st, 2018



## Key Takeaway

- All schools assessed against **District Standards**.
- **Still on track** for substantial completion by end of **Q1 2019**.

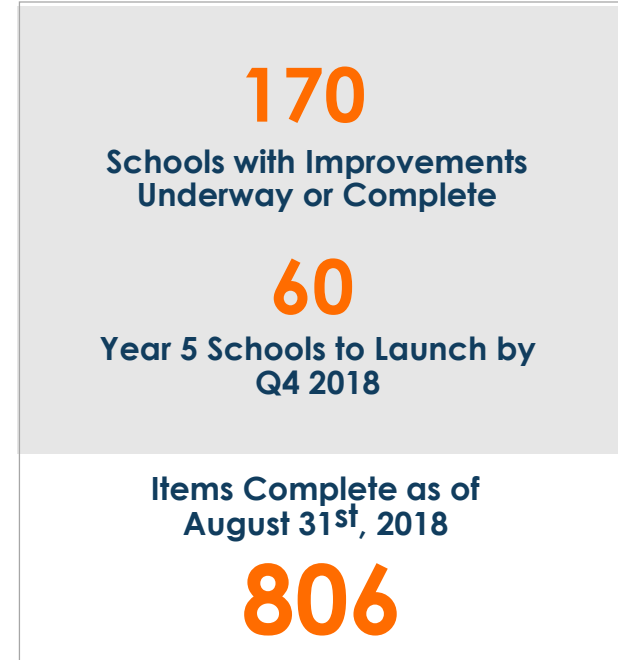


# School Choice Enhancement



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

Data through August 31st, 2018





# 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** as projects move forward
- Manage and track projects to the updated Milestone schedule
- Maintain a constant **Baseline** Milestone Schedule through completion
- Monitor and update schedule monthly to reflect actual progress

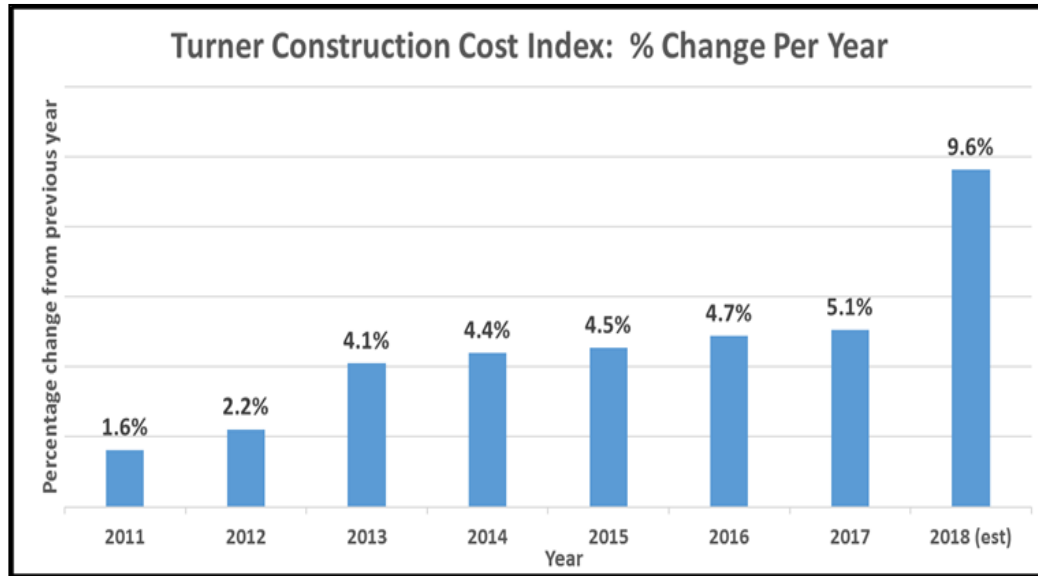


## Key Takeaway

- Deliver new updated project schedule that is aligned with school operations by November 30th.



# Budget – SMART strategies moving forward



- Historic 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

“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](mailto: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

- Roofing – 30% of the program
- HVAC – 33% of the program
- Develop risk mitigation strategies
- Explore procurement alternatives

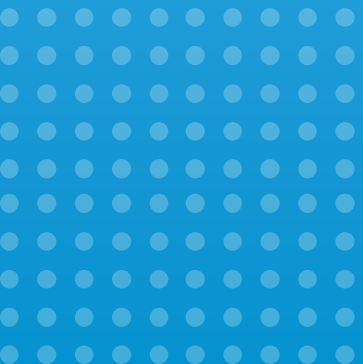


## Key Takeaway

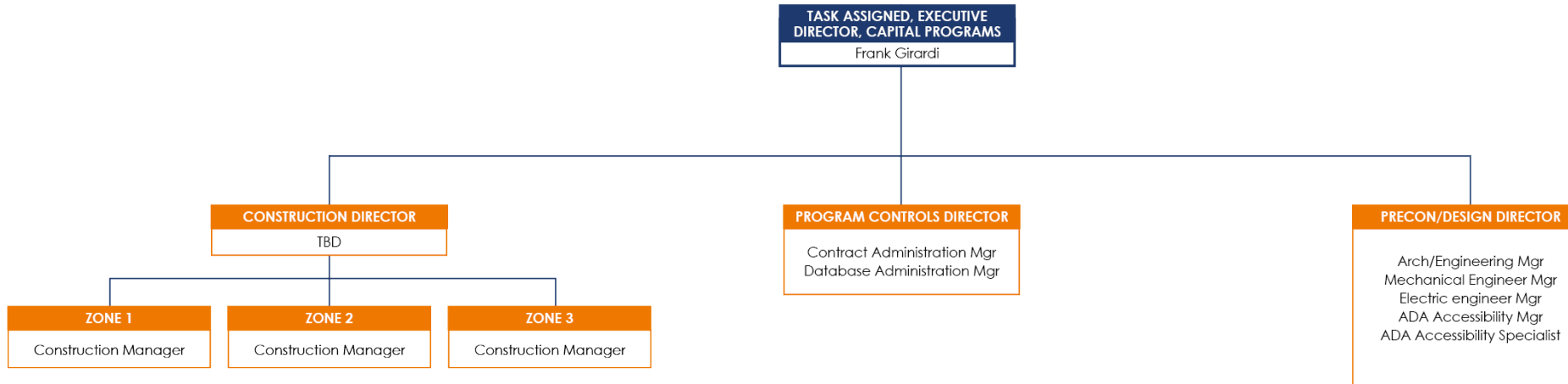
- **Over 60% of the renovation program** consists of roofing and HVAC improvements.



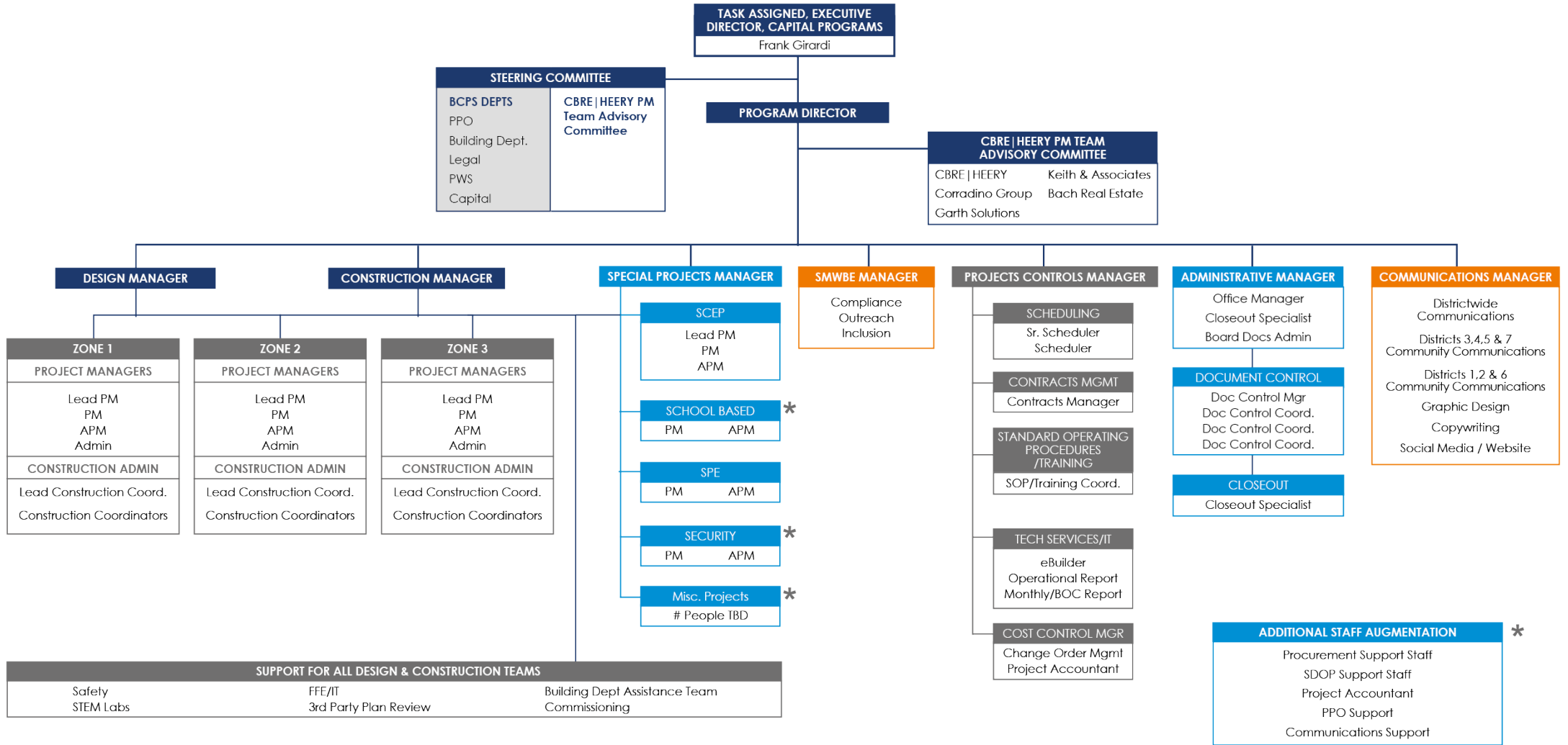
# SMART Team Realignment



## DISTRICT CAPITAL PROGRAMS TEAM



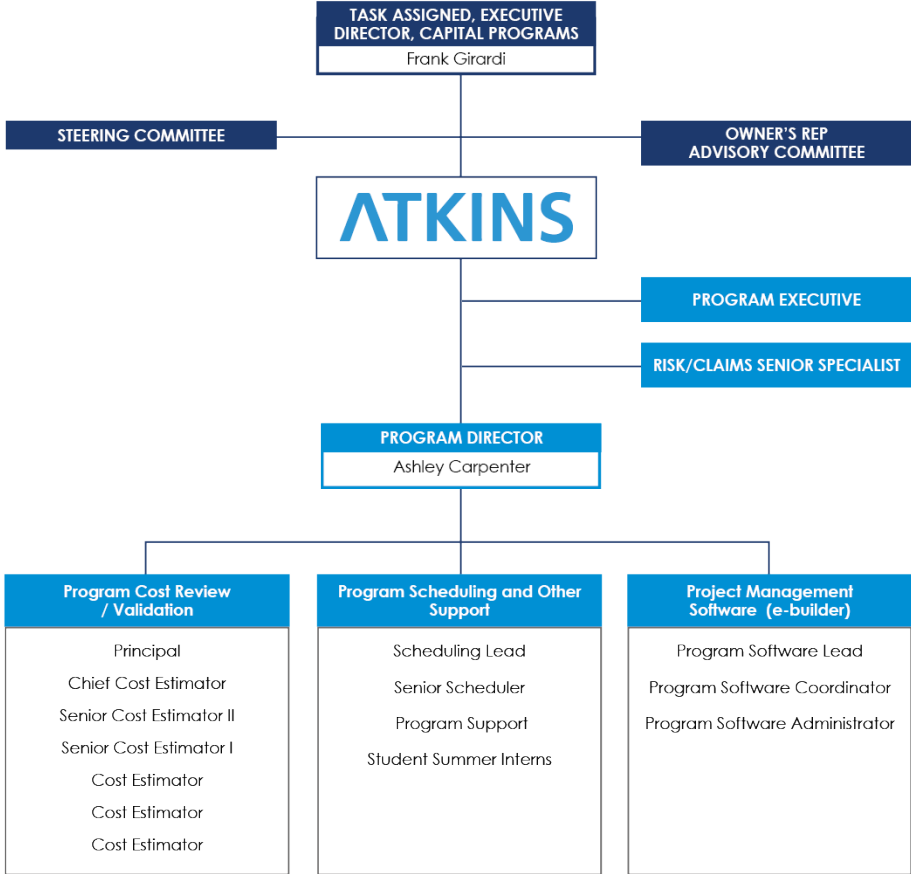
# REALIGNED SMART PROGRAM OWNER REPRESENTATIVE TEAM



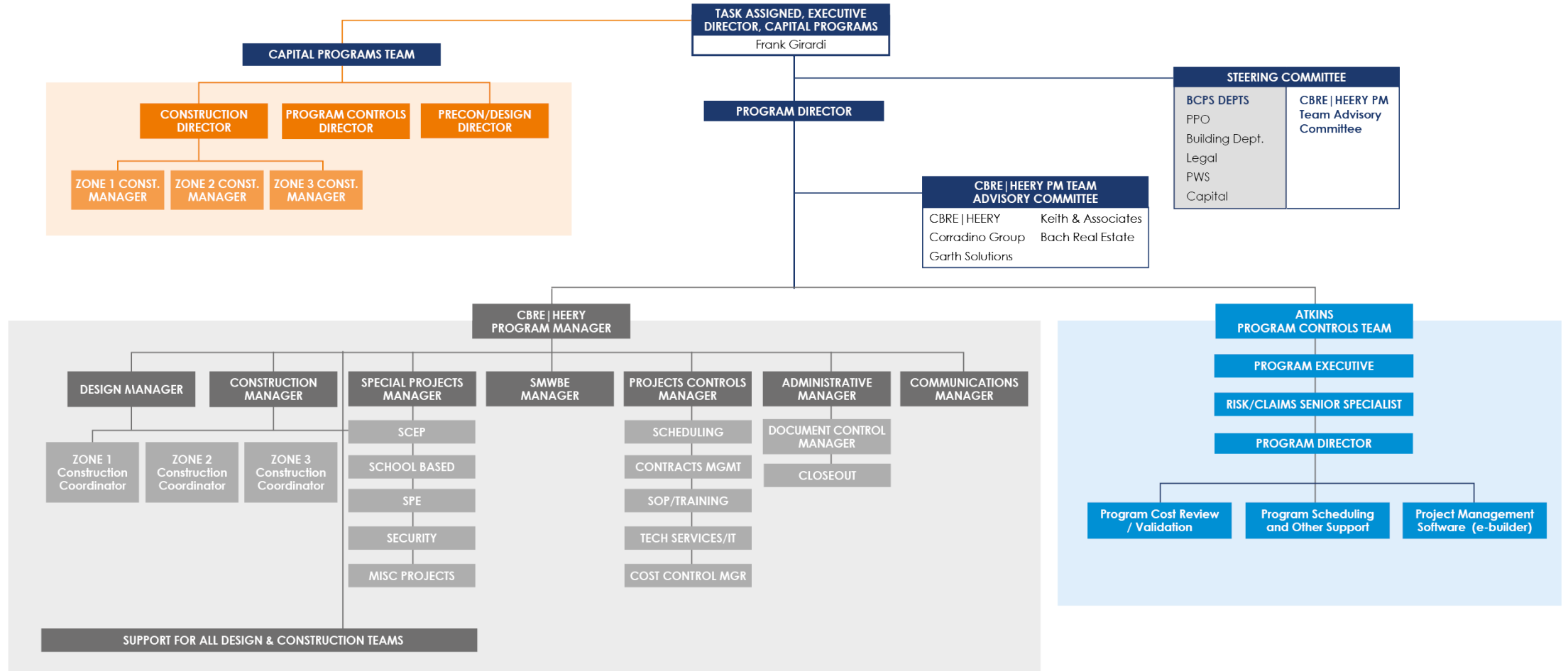
\* Denotes Non-SMART



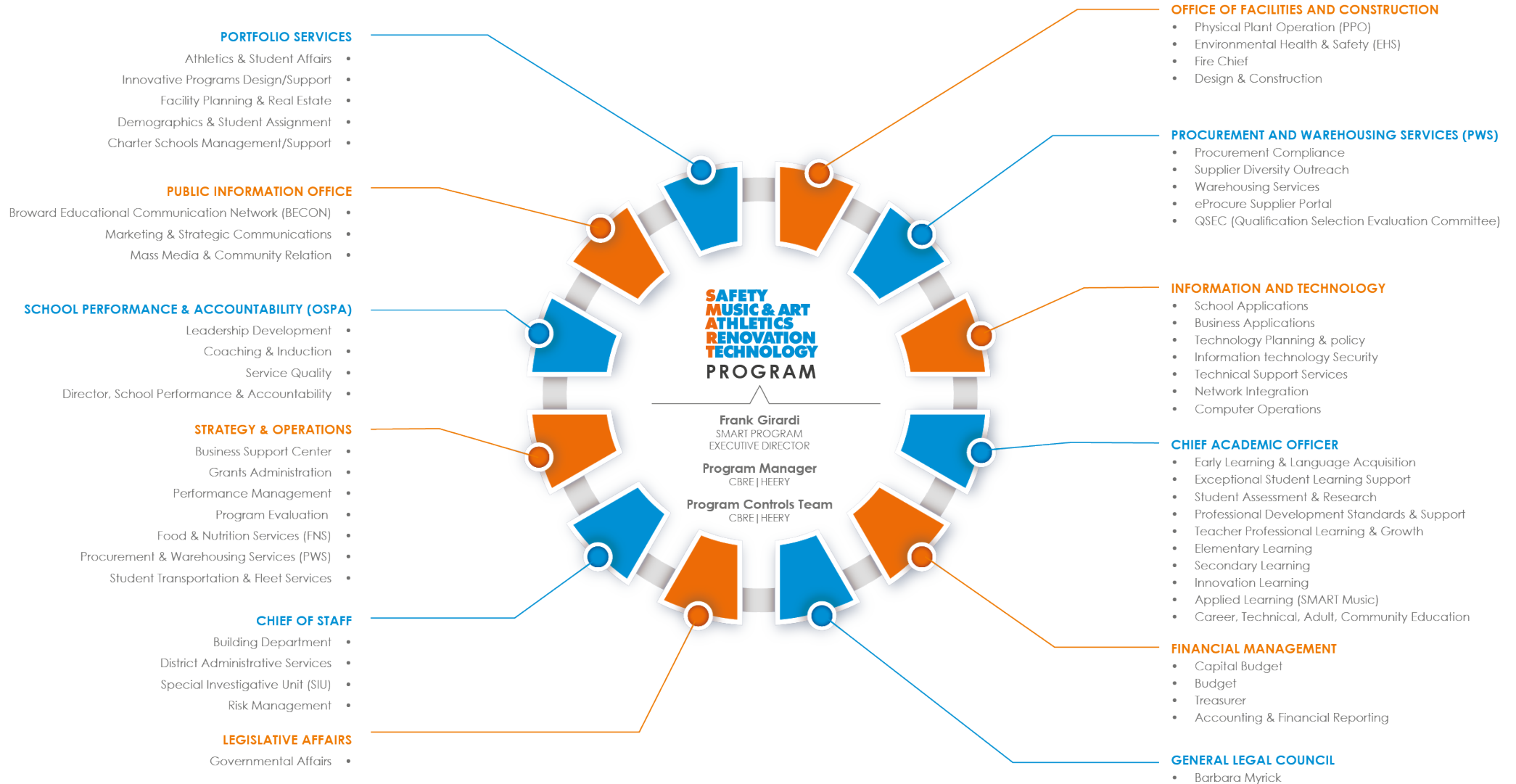
# SMART PROGRAM CONTROLS TEAM



## REALIGNED SMART PROGRAM TEAM



# SMART PROGRAM COLLABORATION MATRIX





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