

ROOFING WORKSHOP

February 11, 2020

ROOFING PROGRAM OVERVIEW

TOTAL TIME AND COST LINKED DIRECTLY TO:

SCOPE OF WORK

STANDARDS OF QUALITY

CAPACITY OF THE MARKET



SCOPE – KEY CONSIDERATIONS

SCOPE

QUALITY

COST TIME

CAPACITY

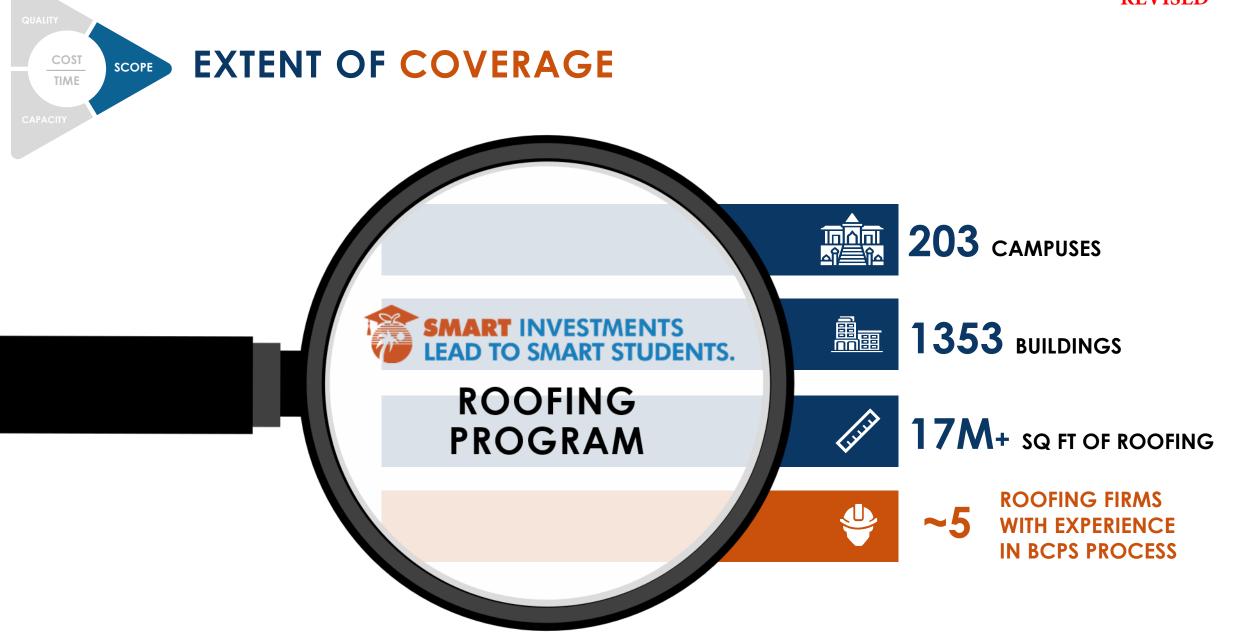
MAGNITUDE OF ROOFING PROGRAM

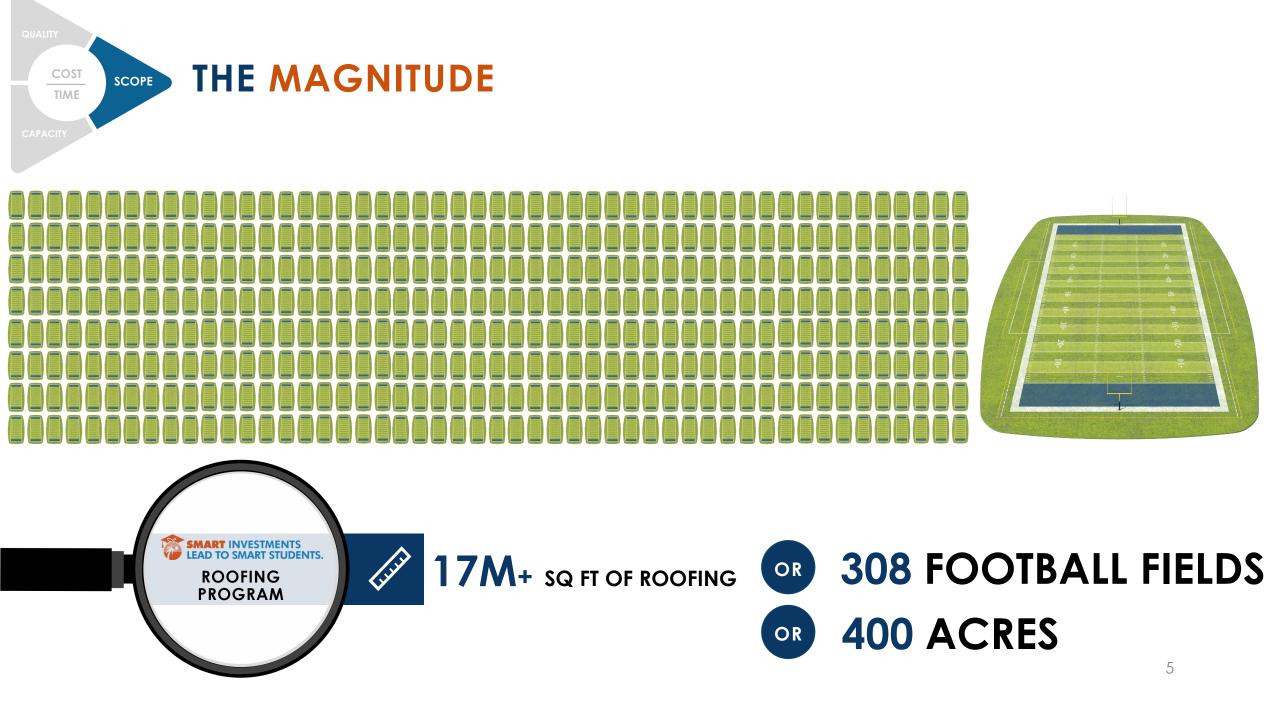
POOR INTERPRETATION OF ROOFING ASSESSMENT

COMPLEXITY OF WORK

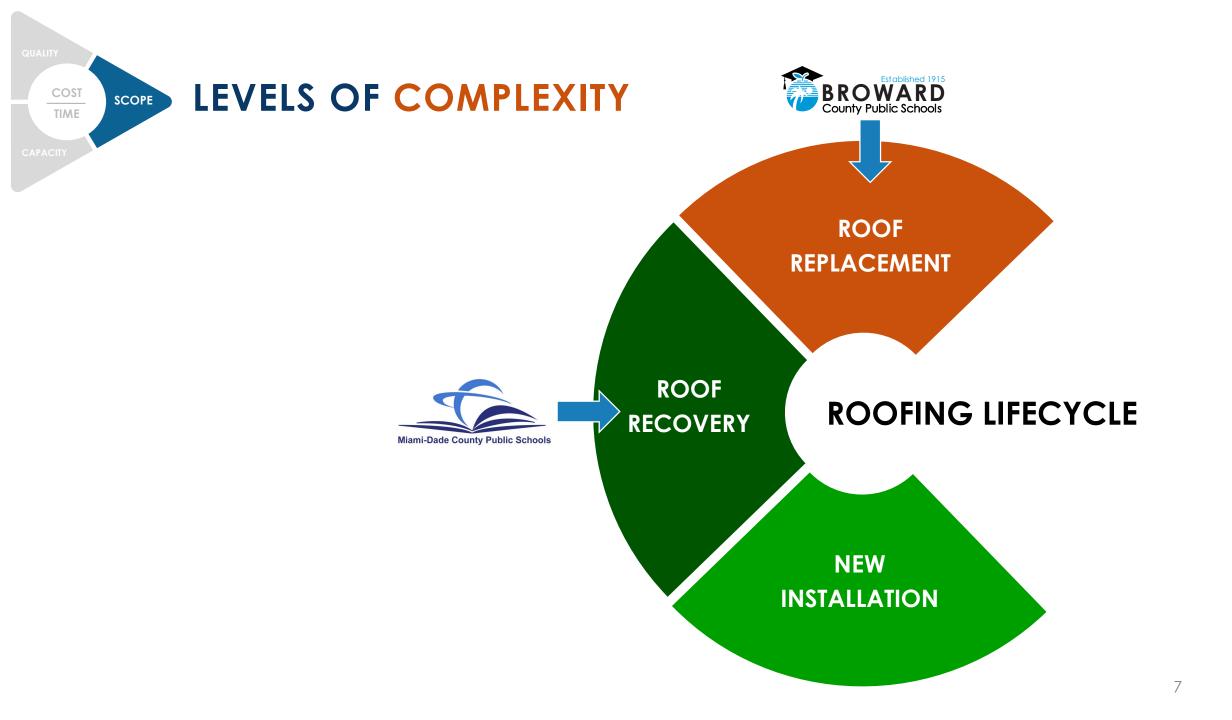
SITE LOGISTICS







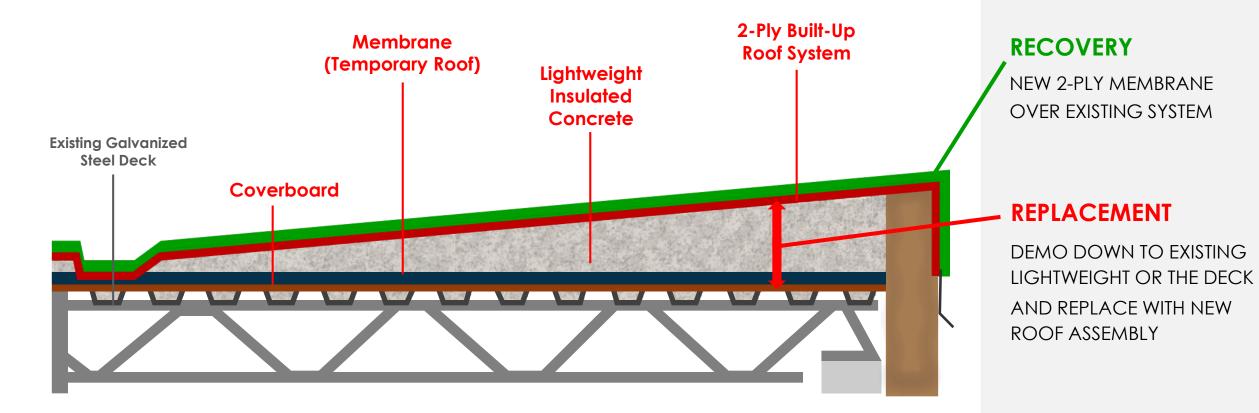








TYPES OF ROOFING WORK

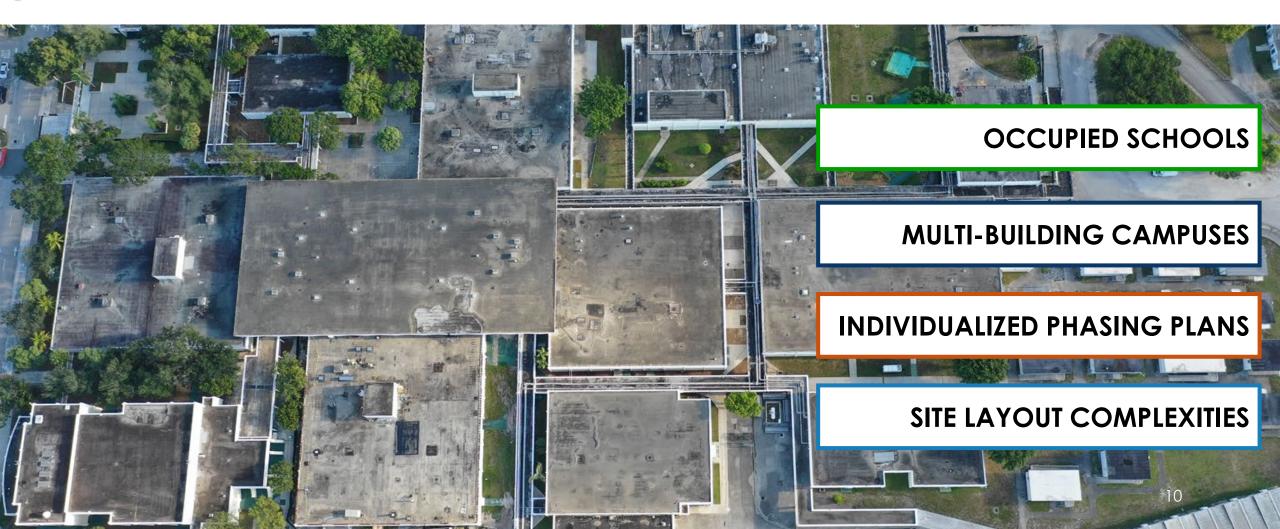




UNDER THE SURFACE (ROOFING 101)







QUALITY – KEY CONSIDERATIONS



REVISED



QA/QC



THOROUGH INSPECTIONS



FULL CODE COMPLIANCE





COST TIME

QUALITY GETTING IT DONE RIGHT



DOES NOT MEET QUALITY STANDARDS

FAILED INSPECTION

MEETS QUALITY STANDARDS

PASSED INSPECTION

REVISED

COST TIME

QUALITY GETTING IT DONE RIGHT



DOES NOT MEET QUALITY STANDARDS

MEET QUALITY STANDARDS

FAILED INSPECTION

PASSED INSPECTION





DOES NOT MEET QUALITY STANDARDS

FAILED INSPECTION

MEETS QUALITY STANDARDS

PASSED INSPECTION



COST TIME

QUALITY GETTING IT DONE RIGHT





COST TIME

QUALITY GETTING IT DONE RIGHT





BEFORE

COST

TIME

QUALITY GETTING IT DONE RIGHT



BEFORE

AFTER



CAPACITY

SCOPE

QUALITY

COST

TIME

· FLORID

10 23

~5 PROVEN ROOFING FIRMS CURRENTLY IN USE

REVI

19

MARKET CONDITIONS

CONTRACTOR ABILITY & WILLINGNESS





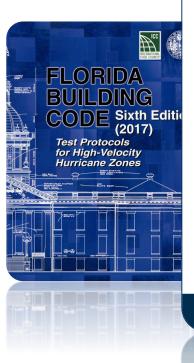




RELUCTANCE TO WORK ON BCPS SMART ROOFING PROJECTS



PERMIT ISSUES & DELAYS





Broward County Public Schools

Long Middle School 1234 NE 12th St, Plantation, FL 33324 Roof Renovations Project Number: P. #123456



Roof Replacement





<u>NEW</u> BCPS ROOFERS PERMIT REVIEW

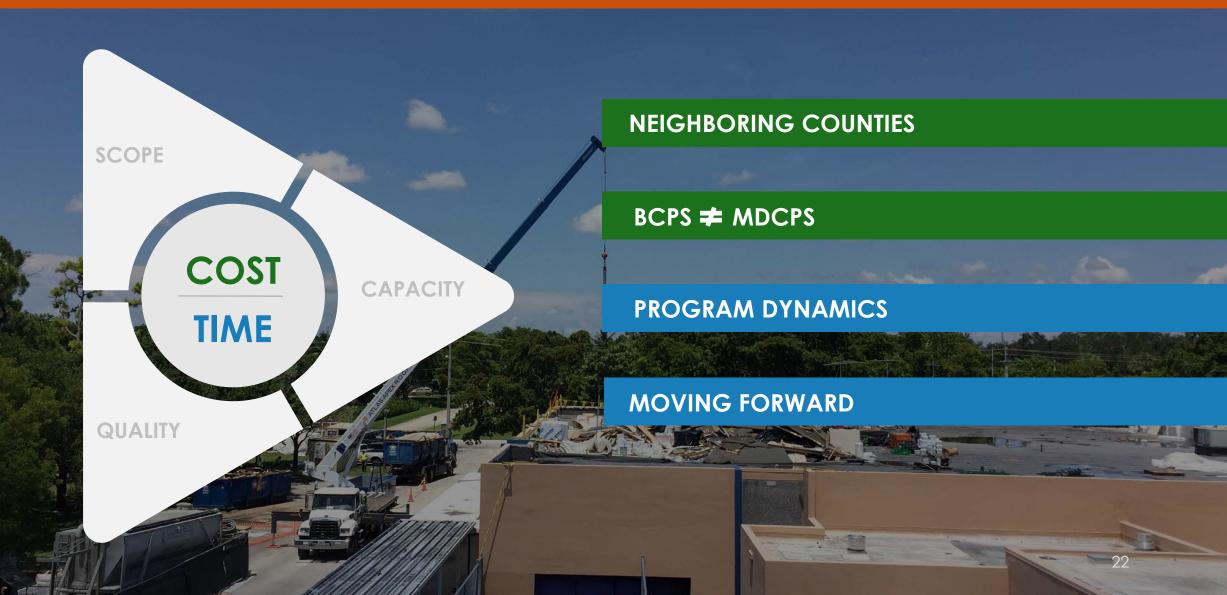
UP TO 6-9 MONTHS FOR APPROVAL



EXPERIENCED BCPS ROOFERS PERMIT REVIEW



COST & TIME – KEY CONSIDERATIONS



REVISED

COST TIME





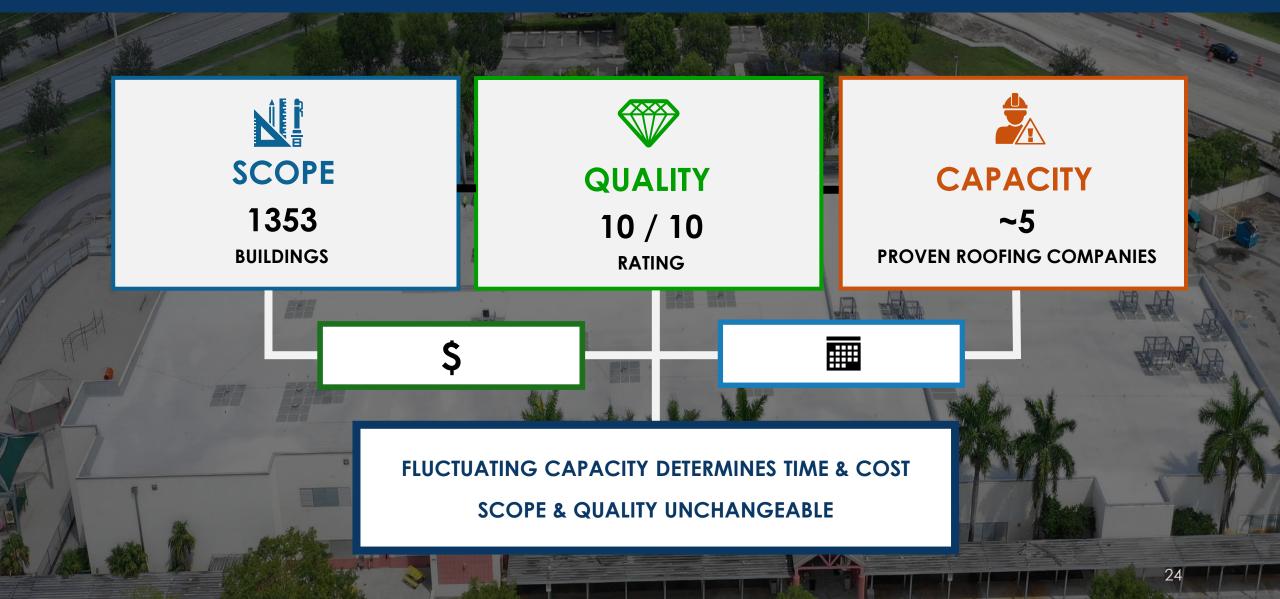


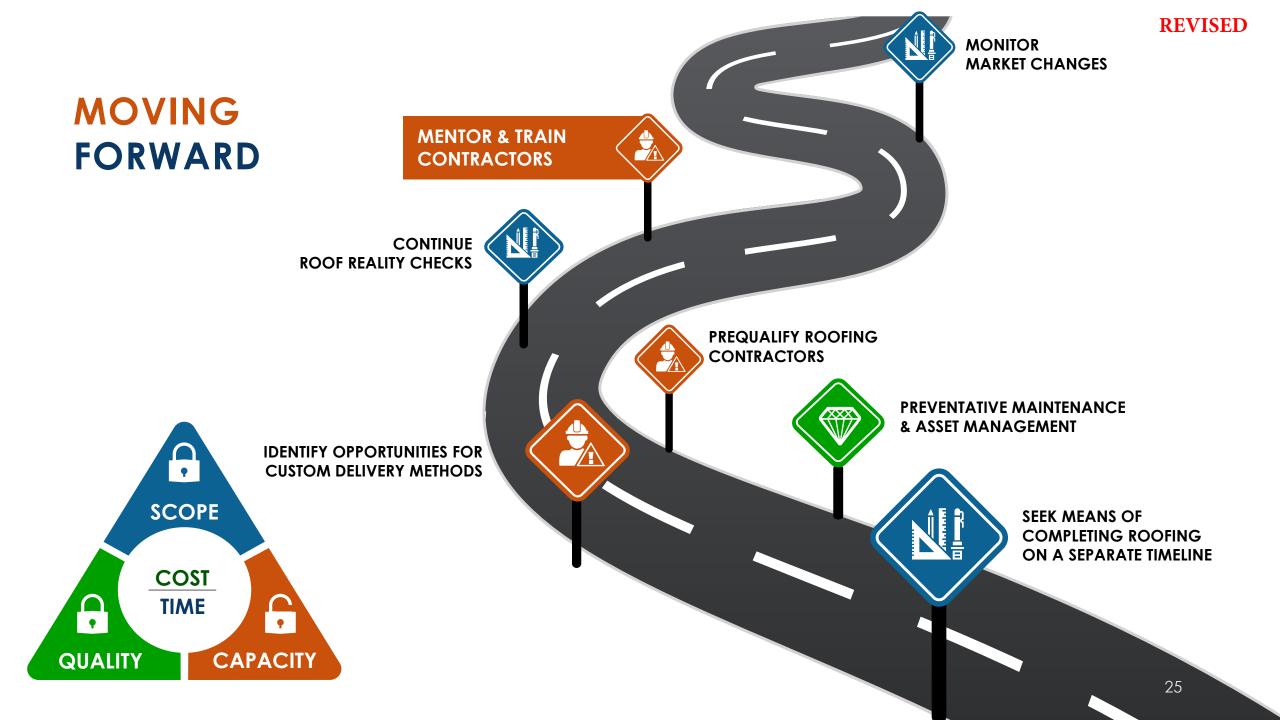
PRIOR ROOFING IMPROVEMENTS PROGRAM	NO	YES			
ROOFING WORK MAJORITY	REPLACEMENT	RECOVERY	The School District of Palm Beach County	DUVAL COUNTY PUBLIC SCHOOLS	OC Orange County CS Public Schools
DELIVERY METHOD	VARIES (CMAR, HARD BID)	2014 FIXED TERM**	VARIES (CMAR, HARD BID)	VARIES (CMAR, HARD BID)	VARIES (CMAR, HARD BID)
REPLACEMENT COST/SF ROOFER PRICING ONLY	\$20-23*	\$16-20*	\$21-23	\$20-\$25	\$22-25

* Today's cost including inflation.

** Expired Q1 2020, out to bid for renewal.

PROGRAM DYNAMICS





ACTIONABLE NEXT STEPS



4 CONTINUE TO PROVIDE EDUCATION AND TRAINING ABOUT THE ROOFING PROCESS

PREVENTATIVE MAINTENANCE & ASSET MANAGEMENT

ROOFING MAINTENANCE PROGRAM

 The roofs that we replaced in 2007-2010 and were maintained have held up and are in good shape



- Facilities and PPO are working together to develop a maintenance plan for the new roofs being installed by the SMART Program
- Facilities and PPO are actively receiving presentations from maintenance companies to obtain recommendations to move forward



QUESTIONS

ANSWERS

The School Board of Broward County, FL

Donna P. Korn, Chair Dr. Rosalind Osgood, Vice Chair

> Lori Alhadeff Robin Bartleman Heather P. Brinkworth Patricia Good Laurie Rich Levinson Ann Murray Nora Rupert

Robert W. Runcie, Superintendent of Schools

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