



## CMTA Project Construction Update

August 8, 2022





# Scope of Work

## *Dutch Fork Elementary*

- ❖ 42 RTU Replacements- HVAC Renovation
- ❖ 100% Lighting LED upgrades
- ❖ New Gym Roof
- ❖ PV Solar Array
- ❖ 73 - New windows

DUTCH FORK ELEMENTARY  
The Academy of Environmental Sciences  
Palmetto's Finest  
National Blue Ribbon School  
Richlex - Rosenwald  
School Site





# Scope of Work

*Dutch Fork Elementary – 100% Complete*

- ✓ Replace **20+ year** old gym roof



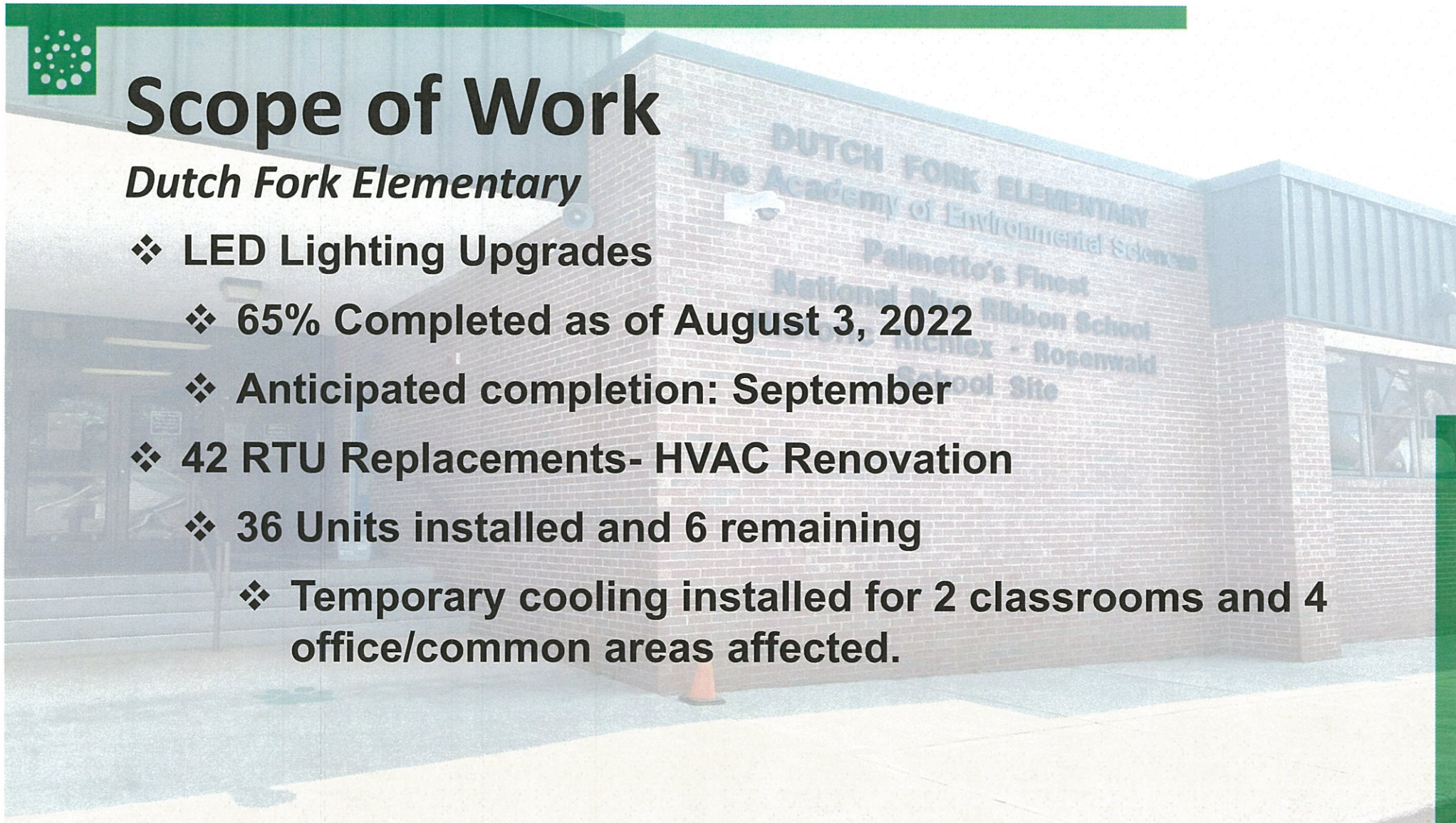




# Scope of Work

## *Dutch Fork Elementary*

- ❖ LED Lighting Upgrades
  - ❖ 65% Completed as of August 3, 2022
  - ❖ Anticipated completion: September
- ❖ 42 RTU Replacements- HVAC Renovation
  - ❖ 36 Units installed and 6 remaining
  - ❖ Temporary cooling installed for 2 classrooms and 4 office/common areas affected.



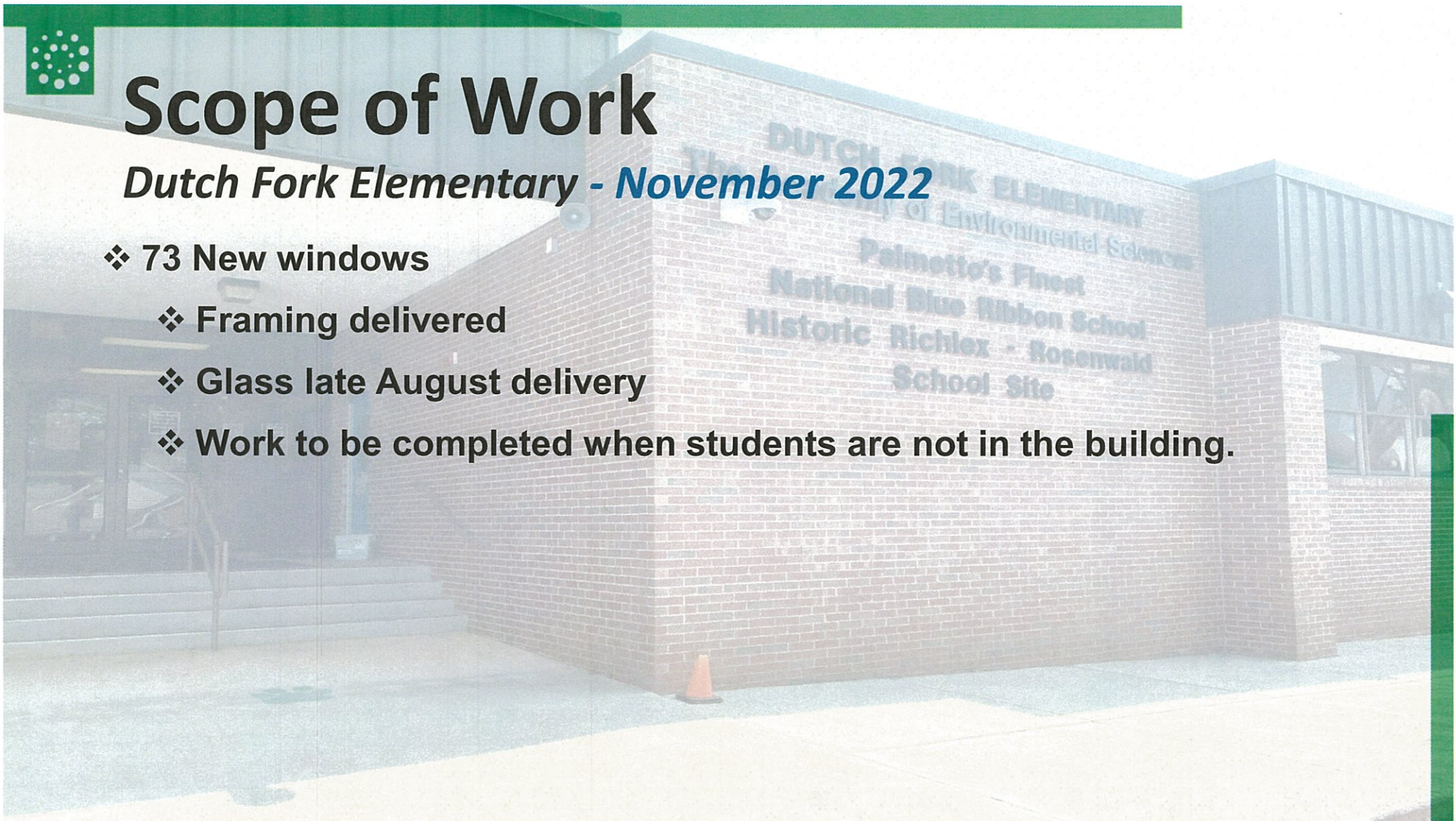




# Scope of Work

*Dutch Fork Elementary - November 2022*

- ❖ 73 New windows
  - ❖ Framing delivered
  - ❖ Glass late August delivery
  - ❖ Work to be completed when students are not in the building.







# Scope of Work

## *Dutch Fork Elementary **REVISED** Solar Array – Winter 2023*

❖ PV carport solar array: No cost change



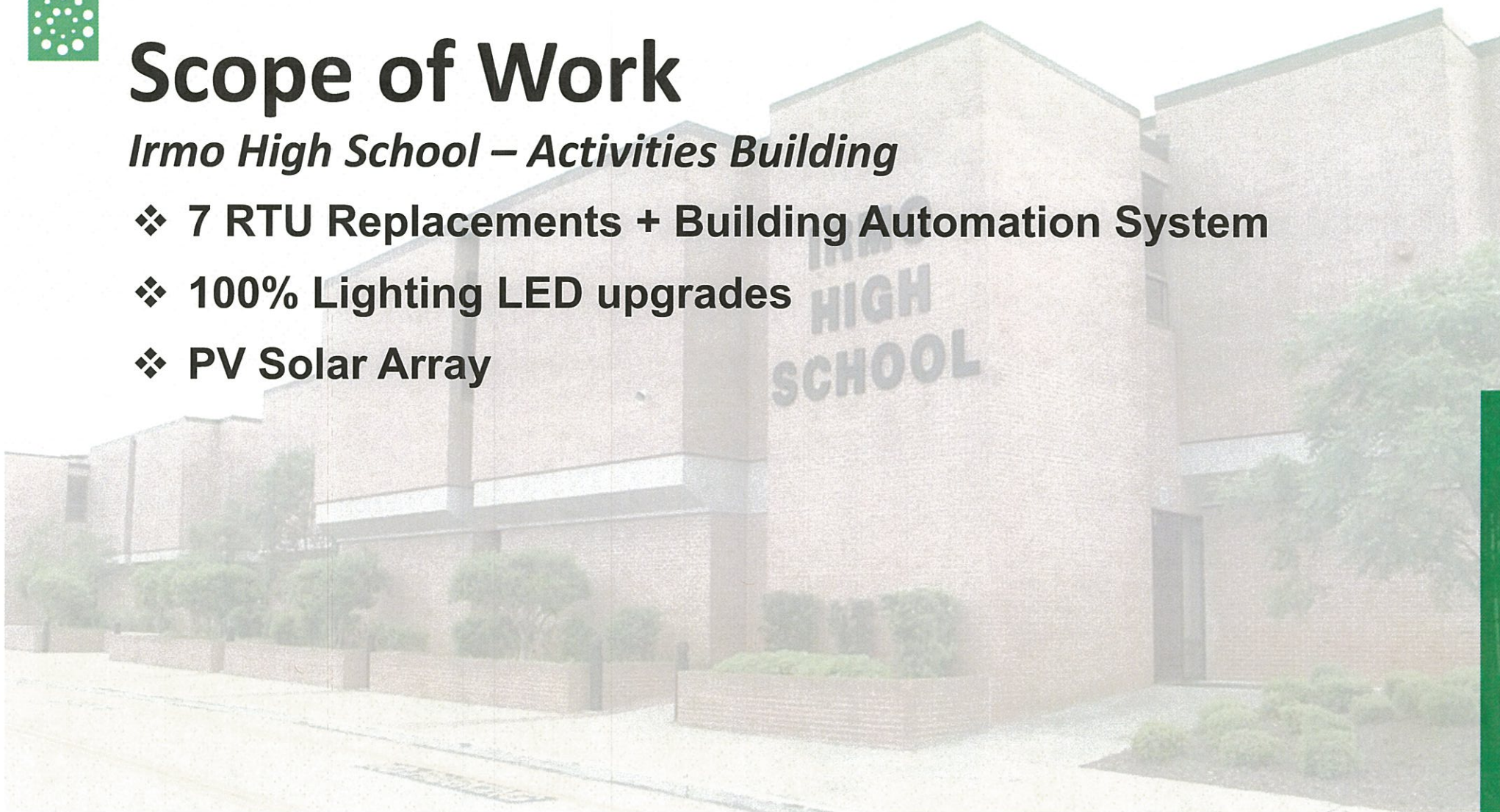




# Scope of Work

## *Irmo High School – Activities Building*

- ❖ 7 RTU Replacements + Building Automation System
- ❖ 100% Lighting LED upgrades
- ❖ PV Solar Array



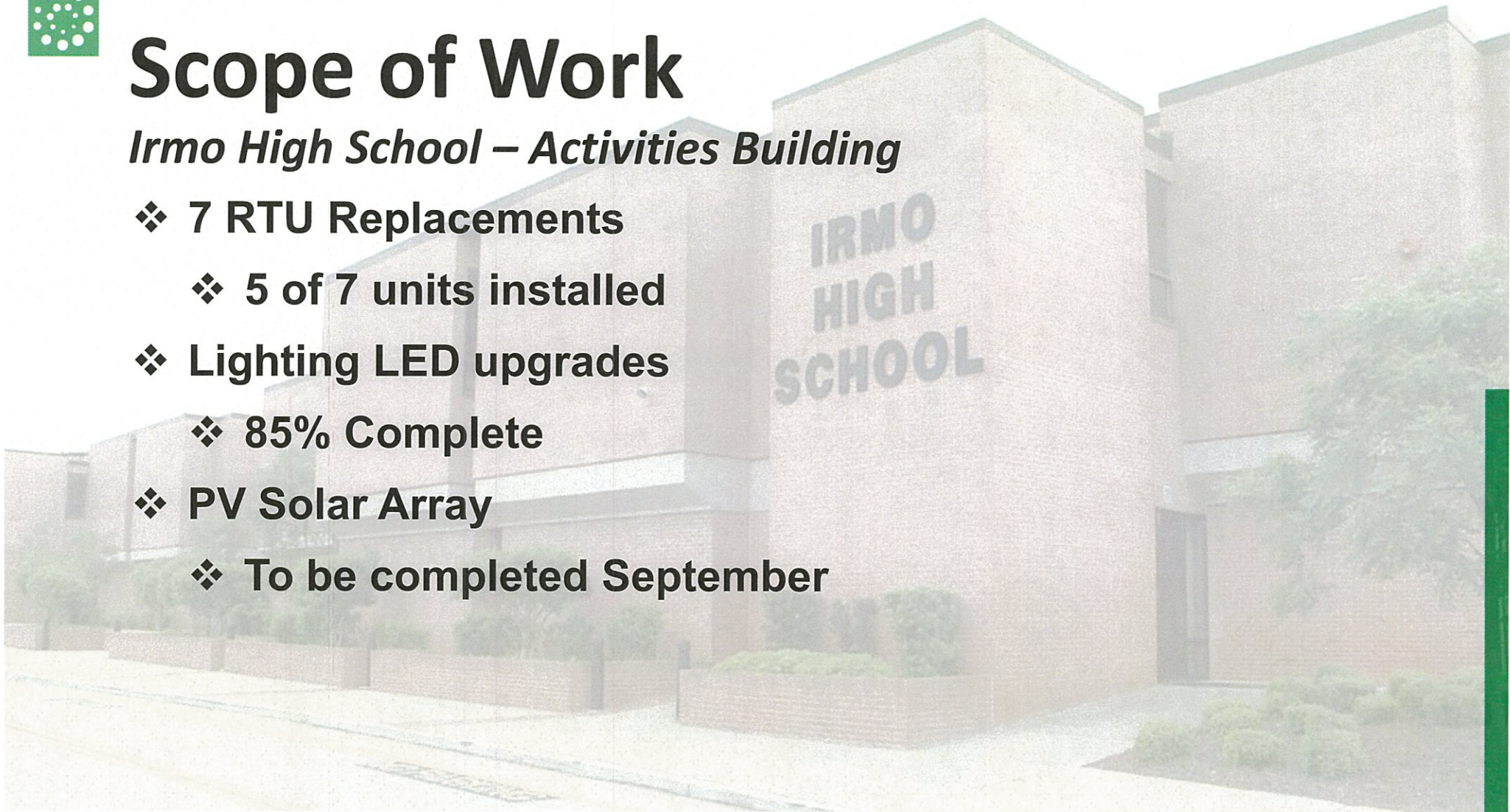




# Scope of Work

## *Irmo High School – Activities Building*

- ❖ 7 RTU Replacements
  - ❖ 5 of 7 units installed
- ❖ Lighting LED upgrades
  - ❖ 85% Complete
- ❖ PV Solar Array
  - ❖ To be completed September







# ENERGY SAVINGS PROJECT

Dutch Fork Elementary & Irmo High Activities Building

**49**

HVAC Units Replaced

**2593**

LED Fixture Upgrades

**397kW**

of Photovoltaic Panels

**2**

Building Management Systems

**73**

Window Replacements

**909,927**

kWh Energy Savings Per Year

**2,213**

Therms Savings Per Year

**\$120,404**

Utility Savings Per Year

**\$19,596**

Operation & Maintenance Savings

