



SUFFIELD PUBLIC SCHOOLS

Suffield, Connecticut

1. PROJECT RATIONALE

The plan for the Spaulding Elementary School calls for partial roof replacements of two areas at the school. One of roofs scheduled for replacement was installed in 1995 for the West Wing and is 22 years old. The other roof scheduled for replacement was installed in 1995 for the Gym/Multipurpose Room and is 22 years old. These particular sections of the building were constructed in 1953. These roof areas have been leaking for the past several years and need constant patches and repairs. If we do not replace the roof at this time, it is likely that extensive damage to the ceilings and structure will occur.

2. LONG-RANGE PLAN

The long-range plan for the school buildings in Suffield calls for provision of a safe and appropriate learning environment. In order to comply with this aspect of the plan, it is necessary for Suffield to replace the roof at Spaulding Elementary School.

3. THE PROJECT

West Wing, Gym and Multipurpose Room Wing Roof Replacement

- Roof Areas
 - West Wing roof area is 17,334 s.f.
 - Gym and Multipurpose Room roof area is 14,620 s.f.
 - The total roof area for the building is 66,785 s.f.
- The building construction type is typically steel roof joists with a steel roof deck. The existing modular classroom addition is wood framed with a wood roof deck.

Suffield proposes the following components of its roof replacement project:

1. Temporarily move (and later return) rooftop equipment.
2. Remove all roofing materials down to the deck and dispose of hazardous materials (as required) in appropriate manner.
3. Inspect roof deck and repair problem areas as appropriate.
4. Install new insulation, waterproofing and minimum 20-year warranted roofing systems (proposed type: TPO membrane roof for low-slope roof and asphalt impregnated fiberglass shingles at the pitched roof).
5. Replace pitched roof drainage system with new gutters, roof drain covers and downspouts.
6. Replace all affected roof drains at existing locations along with new overflow drainage piping.

Construction: No major construction will impact any of these spaces. There will be some minor ceiling tile replacements for stained/damaged ceiling tiles. Also, any water stained walls will be repainted. The ceiling tiles affected by the roof leaks and relative to the installation of new overflow roof drainage piping.

FF&E: None.

A. Ward Spaulding Elementary School:

The existing school building includes grade Kindergarten through 2nd Grade and houses K-2nd classrooms, kitchen, cafeteria, gymnasium, auditorium, administrative offices, music classrooms, special education classrooms, art classrooms, custodial spaces, storage spaces, boiler room, mechanical/electrical rooms and a library. The school also houses the district's pre-K program.

4. BUILDING SYSTEMS

Security:	Not applicable.
Public Address:	Not applicable.
Technology:	Not applicable.
Phone System:	Not applicable.
Clocks:	Not applicable.

5. INTERIOR BUILDING ENVIRONMENT

Acoustics:	Not Applicable.
Lighting:	Not Applicable.
HVAC:	Roof-top units will be temporarily moved and then returned to original location as necessary during the roof replacement.
Plumbing:	Not applicable.
Windows/Doors:	Not applicable.

6. SITE DEVELOPMENT

Site Acquisition:	Not applicable.
Parking:	Not applicable.
Drives:	Not applicable.
Walkways:	Not applicable.
Landscaping:	Not applicable.
Site Improvements:	Not applicable.

7. CONSTRUCTION BONUS REQUESTS

Spaulding Elementary School does not house any of the special programs eligible for a construction bonus.

School Readiness:	C.G.S. 10-285a(e)--Not applicable.
Lighthouse Schools:	C.G.S. 10-285a(f)--Not applicable.
CHOICE:	C.G.S. 10-285a(g), as amended--Not applicable.
Reduced Class Size:	C.G.S. 10-285a(h)--Not applicable.
Regional Vo-Ag Center:	C.G.S. 10-65--Not applicable.
Inter-district Magnet School:	C.G.S. 10-264h--Not applicable.
Inter-district Cooperative School:	C.G.S. 10-158a--Not applicable.
Regional Special Education Center:	C.G.S. 10-76e--Not applicable.
Full-day Kindergarten:	Spaulding Elementary School is used for Full-day Kindergarten: C.G.S. 10-285a(h)-- Applicable.

8. COMMUNITY USES

Spaulding Elementary School is designed for community uses during the school hours, before and after school hours and on some weekends, throughout the school year and summer. The uses include but are not limited to:

- PTO
- The Recreation Department.
- Before and After School Programs and Community Events
- Summer Enrichment Programs
- Boys and Girl Scouts

Various and sometimes multiple areas are used for these functions.

Motion for Educational Specifications for A. Ward Spaulding Roof:

I move to approve the Educational Specifications for A. Ward Spaulding School Partial Roof Replacement Project as presented.