

West Hartford Public School District

Agenda Item: Conard High School Partial Roof Replacement

Meeting Date: December 20, 2011

From: Thomas Moore, Assistant Superintendent for Administration

Through: Karen L. List, Superintendent

Recommendation:


It is recommended that:

- 1) That the Board of Education accept the educational specifications dated December 2011 for a partial roof replacement at Conard High School.
- 2) The Board of Education authorizes the Superintendent to complete the necessary architectural drawings and submit an application to the State Department of Education for a construction grant.

Background:

Over the next two years the Board has allocated adequate funds within the Roofing & Masonry and the School Building Improvement accounts for roofing replacement. The estimated cost of the Conard High School project is \$1,800,000. In order to receive a state grant, the Board must adopt the educational specifications so that a grant application may be submitted to the State Department of Education. Construction is slated for the summers of 2012 and 2013. An architect has been selected for the design. Once construction documents are complete, they will be submitted to the Board for their approval.

**Agenda Item:
IV. B.**



**EDUCATIONAL SPECIFICATIONS
FOR THE PARTIAL ROOF REPLACEMENT
AT
CONARD HIGH SCHOOL**



DECEMBER 2011

**WEST HARTFORD PUBLIC SCHOOLS
WEST HARTFORD, CONNECTICUT**

BOARD OF EDUCATION

Bruce Putterman, Chairperson

Elin Katz, Vice Chairperson

Naogan Ma

Ellen Brassil

Terry Schmitt

Lib Brassil Spinella

Mark Overmyer-Velazquez

ADMINISTRATION

Karen L. List, Superintendent

Thomas Moore, Assistant Superintendent for Administration

Peter Cummings, Principal

EDUCATIONAL SPECIFICATIONS FOR THE PARTIAL ROOF REPLACEMENT AT CONARD HIGH SCHOOL

SECTION I - PROJECT RATIONALE

Conard High School was constructed in 1957, then renovated and added onto in the late 1990's. Approximately 91,000 square feet of the original facility's existing roof have reached it's useful life. The areas in need of replacement are over classroom wings, the gymnasium, auditorium and common areas. These areas are in excess of 25 years old and have been leaking; managing them has become less effective.

SECTION II - LONG RANGE EDUCATIONAL PLAN

The primary goals of the West Hartford Public Schools shall be the intellectual and personal development of each student leading to excellence in the skills of learning, the acquisition and use of knowledge, an inquiring mind, an appreciation of the great cultures, an understanding of self and others, a recognition of varying career roles, and responsible citizenship in our democracy.

SECTION III - PROJECT'S RELATION TO EDUCATIONAL GOALS

To maintain an environment conducive to learning while eliminating the risk to health and safety that would result from a defective roof.

SECTION IV - CAPACITY DATA

Student enrollments are outlined on the ED-049 for this project. The reroofing of this building will not alter the building's capacity.

SECTION V - LEARNING ACTIVITIES

Conard High School strives to provide students with knowledge, skills and values directed towards responsible and meaningful lives. The philosophy is supported by six major objectives:

- a. development of learning
- b. development of skills
- c. development of self esteem and well defined values
- d. development of citizenship and the promotion of interpersonal relationships

- e. development of occupational awareness
- f. development of total educational environment

The reroofing of the school will not increase or decrease instructional group size, number of teaching stations, number of individual learning stations or specialized instruction.

SECTION VI - THE PROJECT

West Hartford Public Schools proposes the following components of its roof replacement project:

- 1) Test for/identify any asbestos-containing roofing and flashing materials
- 2) Temporarily move (and later return) rooftop equipment
- 3) Remove all roofing materials down to the deck and dispose of hazardous materials in the appropriate manner
- 4) Inspect roof deck and replace problem areas as appropriate
- 5) Install new 1/2" per foot tapered insulation, with a 3/4" cover board with a 30 year EPDM roofing system
- 6) Install new drains to increase drainage ability
- 7) Install new metal flashings at all intersections
- 8) Remove and replace 17 skylights
- 9) Clean all roof drain piping

SECTION VII – INTERIOR BUILDING ENVIRONMENT

Acoustics: Ceilings: If ceiling tiles are damaged due to water leaking through the roof, they will be replaced as part of the project. As well, if there are any water marks on the walls, they will be repainted.

Lighting: Not Applicable

HVAC: Roof-top units will be temporarily moved and then returned to original location as necessary during the roof replacement.

Plumbing: New drain leader piping will be installed.

Windows/Doors: Not Applicable


ROOF PLAN
SCALE: 1/8" = 1'-0"

