

General Project Information

Date of Submission	8/30/2019
Capital Project-New or Expansion	
Capital Maintenance Major-New Project	
Capital Maintenance-Neither new nor expanding	X
County/School?	School



Project Title	Roofing Replacement/Recoating
Project Location	Achilles
Department Name	Facilities
Contact Name/Phone/Email	Bryan Hartley, 693-4103, bhartley@gc.k12.va.us

Proposed Schedule/Cost

Date Improvements Begin	7/1/2020	Date Improvements Complete	6/30/2021	Useful life (in years)	15
Design/Engineering Cost		Construction/Equipment Cost	\$ 225,000	Previous Funding Amount	\$ 441,000
Annual/Recurring Cost		Recurring Revenue Generated	\$ -	For What Fiscal Year	FY20

Capital Cost/Funding Analysis	FY21	FY22	FY23	FY24	FY25	Total FY21-25	Costs Beyond	Total Project Costs
Proposed Capital Costs	\$ 225,000					\$ 225,000		\$ 225,000
Financing								Total Project Financing
General Fund Operating						\$ -		\$ -
Enterprise Fund Operating						-		-
Fund Balance-Committed						-		-
Fund Balance-Unassigned	225,000					225,000		225,000
Debt						-		-
Grant-Federal, State, Local						-		-
Proffers						-		-
Other Sources						-		-
Total Capital Funding	\$ 225,000	\$ -	\$ -	\$ -	\$ -	\$ 225,000	\$ -	\$ 225,000
Variance-over (short)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Project Narrative/Justification	Mandated?	No	Mandating Agency	
Please read the instructions on the required justifying information needed.		Federal/State/Local?		

<p>1) Statement of Need. What is the project expected to accomplish? Quantify benefits.</p>	<p>Roof systems deteriorate by nature of exposure to sun and weather. Warranties expire, and exposure maintenance is necessary. It is critical to instructional success and operational efficiency of an educational facility that the environment be safe and dry. A roof coating system is incorporated where possible (appropriate surface integrity and adherence exist). Coating provides a minimum 10-year warranted product at 50% of the cost of a new roof (coating at ~ \$6.50/sq. ft. depending on the integrity of the roof to be coated).</p>
<p>2) Indicate and quantify any alternatives that might meet the needs indicated and why they were rejected.</p>	<p>Coating and recoating is a recently developed cost savings approach to roof maintenance. Some warranties extend to 15 years dependent upon roof condition.</p>
<p>3) Indicate and quantify what the consequences would be on services if not funded.</p>	<p>Deterioration of the building structure, damage to Furniture, Fixtures & Equipment (FFE), and an unhealthy environment. Continual impact upon custodial and maintenance staffs including interior cleanup and repair (after-hour cleanup/ceiling tile replacement/flooring repair/painting/etc.).</p>
<p>4) Outline any potential liabilities that need to be prepared for with doing or not doing this project.</p>	<p>Possible liability related to safety and health if roofs deteriorate and leak.</p>
<p>5) Indicate and quantify the impact of the capital investment on operating budgets going forward. Include any additional information to assist in the evaluation process.</p>	<p>The GHS and Transportation Facility roofing projects are removed. 2021.... Recoating of sections of Achilles that will be approximately 5 years out of warranty. School roofs will be monitored for improvements in years beyond 2025. These costs are based on the square foot prices as proposed by our roof services company.</p>

Attachments (list):	Add for Roofing	
	Roofing Ratings	
	Roof Replacement Plan	

Project Title	Roofing
Project Narrative/Justification	
<p>1.) Continued. A tight building envelope prolongs structural life and saves money.</p>	
<p>5.) Continued. Moving forward with this project will directly impact the operations budget.</p> <ol style="list-style-type: none">1.) Funds in the operations budget scheduled for repair and replacement projects will remain and not be redirected to short term fixes on unfunded capital projects.2.) Short term fixes on capital projects will not become double work in the sense that the repair work would not occur in unscheduled design order, be short term due to the method of repair, or simply out of the scope of the required work. Especially costly with roofing problems is the repetitive use of labor and materials to maintain a clean and healthy working environment.	
<p>5.) Continued.</p> <ol style="list-style-type: none">3.) The skilled workforce would not be redirected from other needed, planned, or scheduled projects or service requirements.4.) Savings occur in productivity and efficiency, ultimately resulting in financial savings.	