

Response to Questions on the FY 2019 Budget

Request By: Supervisor Gross

Question: Please provide information on upcoming school renovations and the increased flexibility provided by a \$25 million annual increase in bond sales over the next several years.

Response: The following response was prepared by Fairfax County Public Schools (FCPS):

It is important to note, that the current CIP Cash Flow was developed with the expectation that FCPS would receive an increase to \$180M by FY2025. Therefore, for the purposes of this analysis, we assumed that FCPS would receive the additional \$25M increase in FY 2020. In addition, we assumed that another increase of \$25M each successive 5 years (2025 and 2030).

A related point to consider is that according to the CPI's rate of inflation since 2005 indicates that our cash flow cap should have increased by 1.9% annually. What this means is that our current cash flow cap should be \$197M and the increases that we are proposing for FY 2020, 2025 and 2030 are in very close alignment with CPI. This assumption is far below the average annual cost increase for construction, which has averaged more than 3% over the past 10 years.

Therefore, this analysis examines the possibility of additional funding from 2 perspectives – an acceleration of the currently identified projects and secondly strictly using the funding to reduce the quantity of temporary classrooms.

Capital Project Acceleration

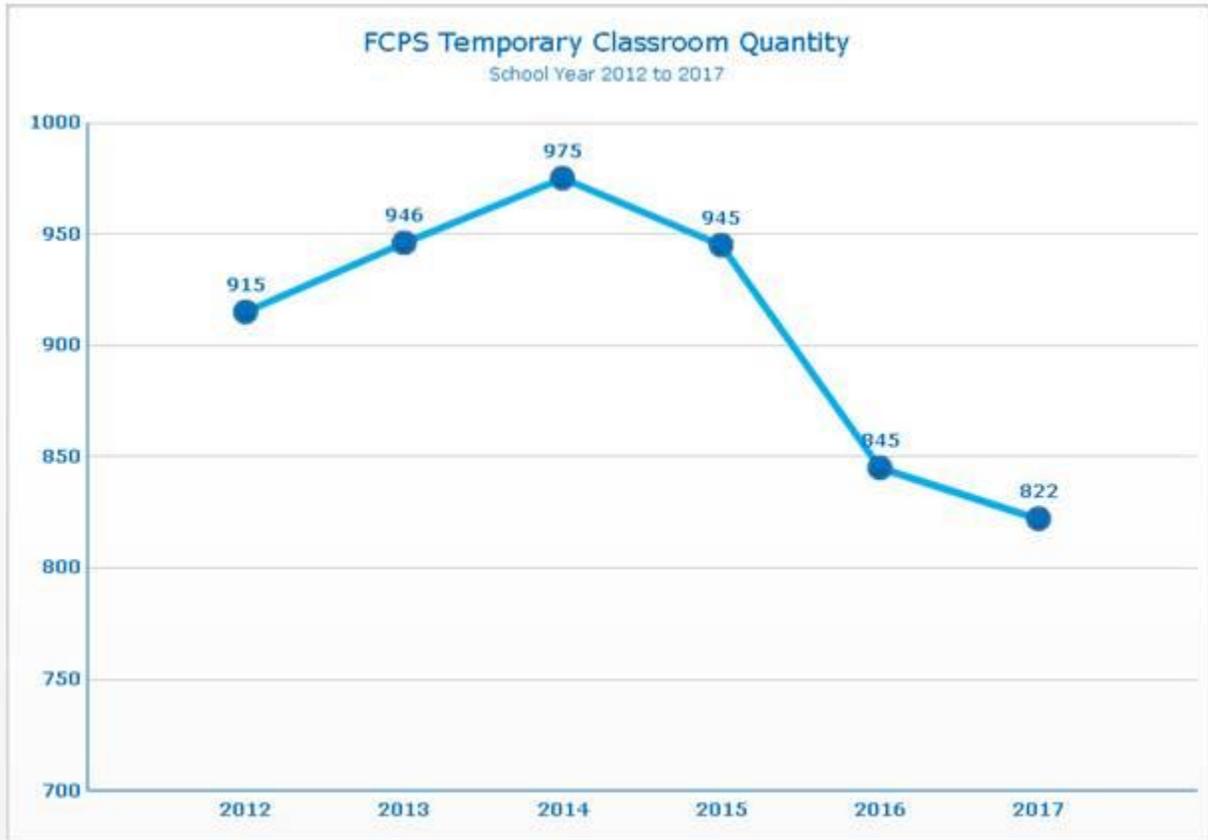
With respect to capital projects, an infusion of capital funding does not result in a sudden acceleration of future projects as the projects require time to engineer and plan (1 to 2 years) as well permitting (typically 18 months). Therefore, the impact will begin to materialize approximately 3 years after the impact. However, once the projects are aligned with the additional funding we would realize significant acceleration of the renovation projects as well as the future capacity enhancement projects.

As currently constructed the CIP cash flow assumes that 2009 Renovation Queue projects would be completed in FY 2032. This infusion will result in 19 of 30 unfunded schools in the renovation queue being completed 3 years earlier in FY 2029. The additional funding would be utilized to maintain our current renovation cycle of 37 years in lieu of the 44 year cycle that is anticipated by FY 2028.

Although we do not have the time to perform a complete analysis, it is safe to assume that completing the current renovation queue within the next 10 years will accelerate the temporary classroom reduction to less than 550. The list provided was taken from the FY 2019-2023 Capital Improvements Programs and lists the 24 renovation projects planned for FY 2019

Temporary Classroom Reduction

As FTS informed the School Board during the November 13, 2017 the quantity of temporary classrooms has been significantly reduced over the past 3 years due to capital program.



In fact, FTS informed the School Board that we believe that the overall quantity of temporary classrooms will be further reduced to 650 over the next 5 years upon completion of the projects presently in the design and/or construction phase. This quantity would be lowest since 1992.

Finally, the following list displays the acceleration rates for the 22 projects which will be directly affected by the additional \$25M in capital funding. These projects will result in the elimination of another 158 temporary classrooms or modular additions.

Project Name	Acceleration	Trailer/Modular Rooms
Louise Archer ES	+ 1 Years	13
Crossfield ES	+ 1 Years	0
Mosby Woods ES	+ 1 Years	16
Bonnie Brae ES	+ 1 Years	2
BREN MAR PARK ES	+ 1 Years	11
BROOKFIELD ES	+ 1 Years	7
LEES CORNER ES	+ 1 Years	4
ARMSTRONG ES	+ 2 Years	0
WILLOW SPRINGS ES	+ 2 Years	8
HERNDON ES	+ 2 Years	14
DRANESVILLE ES	+ 2 Years	0
CUB RUN ES	+ 2 Years	6
UNION MILL ES	+ 2 Years	4
CENTRE RIDGE ES	+ 2 Years	3
POPLAR TREE ES	+ 2 Years	4
WAPLES MILL ES	+ 2 Years	8
SANGSTER ES	+ 2 Years	5
SARATOGA ES	+ 2 Years	4
VIRGINIA RUN ES	+ 2 Years	3
TWAIN MS	+ 2 Years	6
Centreville HS	+ 2 Years	22
Dunn Loring - Repurpose	+ 2 Years	18
Total Trailers/Mods Removed w/\$25M		158