



Fleet Elementary School

Community Newsletter (May 2018)

This is the May update on the status and progress of construction for the project. All monthly updates will also be posted to the project website and can be accessed via the following link: <https://www.apsva.us/design-and-construction/new-elementary-school-jefferson-site/>

Waterproofing of the garage foundation walls is ongoing. The waterproofing material is being attached to the steel & wood structure supporting the excavation, which will remain in place serving as the formwork for the outside wall of the garage foundation when the concrete walls are poured. This work is scheduled to complete during the month of June.

Installation of the below slab underdrainage system for purposes of removing any groundwater that gets below the lowest level garage floor slab is complete. In process at this time is installation of the below slab piping for the slab surface drains. Both underdrainage and slab surface drains will convey water to a large sump pit that has also been placed below slab. Any water collected in the sump pit will be filtered and then pumped out into the county storm sewer system. This work will complete in early June.

Footings and wall/column foundation installation at the lowest level of the garage excavation is wrapping up and should be complete in the next week or two.

Preparations for concrete slab installation at the lower level of the garage are in process, with final grading, placement of stone sub-base, placement of below slab vapor barrier, and placement of reinforcing steel bar. Sections of the lower level slab have been poured and this work should be completed in the month of June.

Formwork erection for the upper level garage deck has commenced, along with placement of reinforcing steel, in preparation for pouring of concrete. The internal garage ramp that will allow future vehicle access between garage levels has also been final graded and prepared for pouring of concrete.

The future bus loop has been put on grade and stone sub-base installed in order to stabilize the grade and the loop is serving as an access road for construction vehicles within the site during construction, and for emergency vehicle access to Jefferson Middle School.

Construction of improvements to the west sidewalk at South Old Glebe Rd are complete. The improvements provide a clear 4-foot-wide path on the west sidewalk from the 1st Road South intersection to the northernmost extent of the project. Now that this work is complete and the sidewalk is re-opened to pedestrian traffic, the east sidewalk and parking lane has been closed and fenced in to facilitate construction of the garage and 4-story school structure.

The 1st phase of the water line replacement work in the South Old Glebe is complete. The 1st phase consisted of replacement of the existing 6" diameter service line with a new 8" diameter service line the length of South Old Glebe Road to better serve not only the new school, but also the adjacent neighborhood. The 2nd phase of the work, which is to re-tap existing neighbor services into the new line, has commenced. Notification of this work has been sent to all adjacent neighbors and specific notification has and will be issued to neighbors who can be expected to experience a service outage during the tie-in work.

Due to extreme spring weather and unforeseen subsurface conditions at the garage footing level, the project has experienced a schedule delay. Delay due to these factors is not uncommon and we are formulating a plan to recover the schedule. Delay recovery will require additional resources in manpower and working hours for select activities at various times for the remaining duration of the project. At this time, there is no concern that project occupancy would be delayed and we anticipate the facility will be complete for start of school in Fall of 2019.



DRAINAGE PIPING UNDER GARAGE LOWER LEVEL SLAB



ONGOING WATERPROOFING OF GARAGE WALLS AND INSTALLATION OF REINFORCING STEEL AT GARAGE LOWER LEVEL FOOTING



INSTALLATION OF CONCRETE AT GARAGE LOWER LEVEL FOOTINGS



GARAGE LOWER LEVEL CONCRETE SLAB POUR IN PROGRESS



GARAGE LOWER LEVEL SLAB POUR COMPLETE



START OF PLACEMENT OF FORMWORK FOR GARAGE 2ND LEVEL DECK



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START OF PLACEMENT OF FORMWORK FOR GARAGE 2ND LEVEL DECK



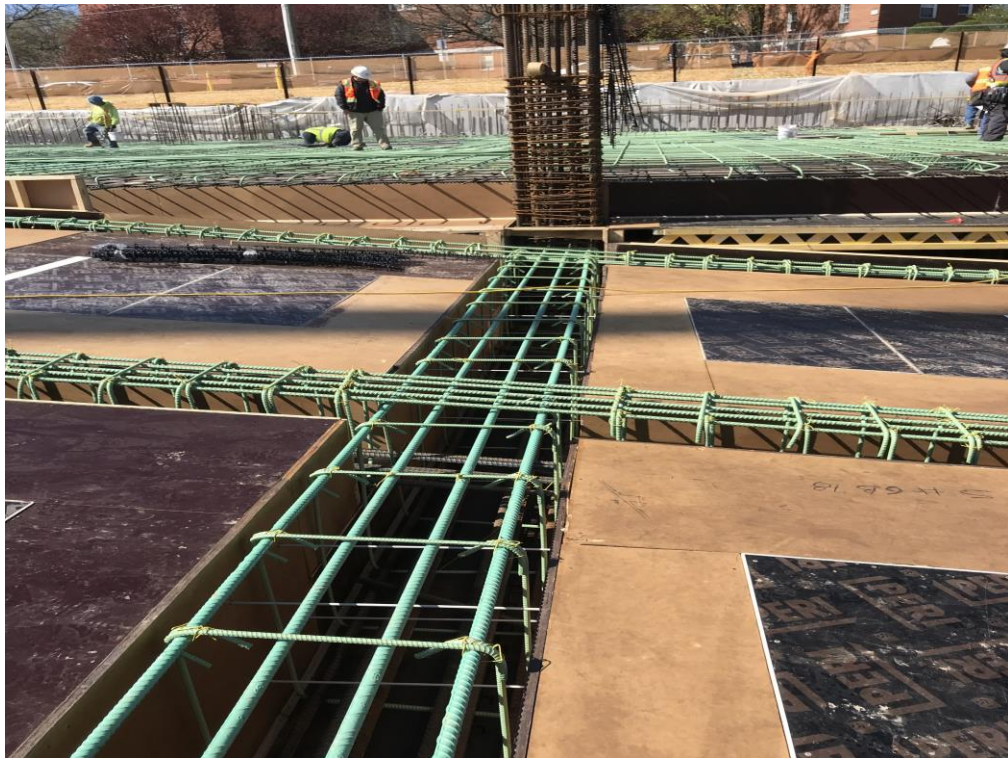
FINAL GRADING FOR GARAGE INTERNAL RAMP



FINAL PREPARATION OF GARAGE INTERNAL RAMP PRIOR TO CONCRETE POUR



FORMWORK IN PLACE FOR GARAGE 2ND LEVEL DECK



REINFORCING STEEL PLACED IN BEAM POCKETS AT GARAGE 2ND LEVEL DECK



REINFORCING STEEL PLACED AT GARAGE 2ND LEVEL DECK

Please contact me with any questions you may have regarding this update.

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