



Fleet Elementary School Community Newsletter (July 2018)

This is the July 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 substantially complete. The waterproofing material is being attached to the steel & wood structure supporting the excavation, which remains in place serving as the formwork for the outside wall of the garage foundation when the concrete walls are poured.

Installation of the below slab underdrainage system for purposes of removing any groundwater that gets below the lowest level garage floor slab is complete. Nearing completion 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 August.

Footings and wall/column foundation installation at the lowest level of the garage excavation is complete. The last section of wall at the upper level of the garage will complete in early August.

Concrete slab installation at the lower level of the garage is nearing completion, with final grading, placement of stone sub-base, placement of below slab vapor barrier, and placement of reinforcing steel bar. 80% of the lower level slab has been poured and the final slab pour will take place in the next week or two.

Installation of the upper level garage deck is 60% complete and is scheduled to complete during the month of August. The internal garage ramp has been poured and is complete at this time.

Installation of the school's ground floor level deck (the roof of the garage upper level) is 50% complete and is scheduled to complete during the month of August.

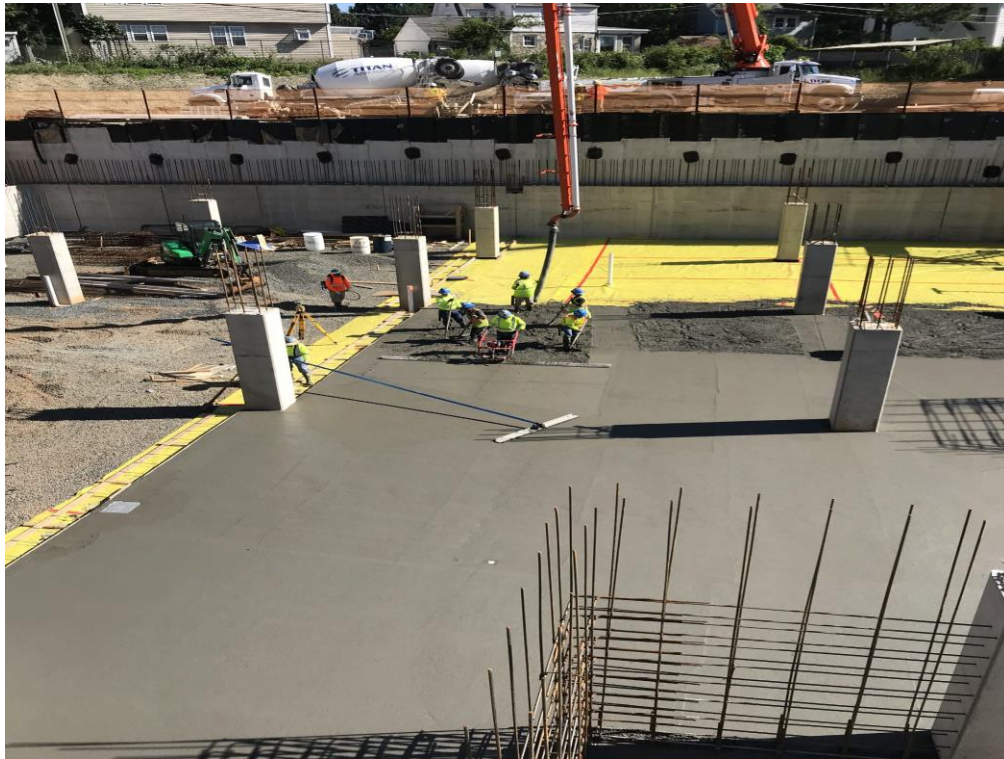
The future bus loop has been put on grade and stone sub-base installed in order to stabilize the grade and the loop is serving as an access road for construction vehicles within the site during construction, and for emergency vehicle access to Jefferson Middle School.

Water line replacement work in South Old Glebe Road is complete, as are all tie-in to the new line for service to adjacent neighbors. The water line servicing the new school is also in place and terminated on the school side of South Old Glebe Road. This water line will be extended into the pump room in the garage once the garage is complete.

Installation of conduits for communication service from Comcast and Verizon are complete. Conduit install for the school's primary electrical service and the feed for the future street lights, will be installed below South Old Glebe Road at a future date.

Work has commenced on the Thomas Jefferson Middle School (TJMS) Stair and Façade renovations. This work entails demolishing 2 existing stairwells at TJMS and reconfiguring them so that the new entries allow for on-grade access to the lower level of TJMS with a single stair for access to the upper level.

While the garage is all concrete structure, the 4-story building above is of steel frame construction. The crane for steel erection has just recently mobilized to the site and the 1st delivery of steel has arrived. Steel erection will get underway in earnest during the month of August.



2ND TO LAST CONCRETE SLAB POUR AT GARAGE LOWER LEVEL



PREP OF STONE BASE AT LAST SECTION OF GARAGE LOWER LEVEL SLAB



INSTALLATION OF REINFORCING STEEL AT LAST SECTION OF GARAGE WALLS



INSTALLATION OF REINFORCING STEEL AT GROUND FLOOR DECK



GROUND FLOOR (GYM) CONCRETE DECK POUR IN PROGRESS



FORMWORK INSTALLATION FOR GROUND FLOOR (CAFETERIA) DECK



FORMWORK INSTALLATION FOR GROUND FLOOR DECK ABOVE GARAGE UPPER LEVEL DECK



FORMWORK INSTALLATION AT BOTH GARAGE UPPER LEVEL AND GROUND FLOOR DECKS



WORKING 2 GARAGE LEVELS AND GROUND FLOOR LEVEL SIMULTANEOUSLY



PROGRESSING ALL 3 LEVELS SIMULTANEOUSLY



NEW WATER SERVICE INSTALLED



INSTALLATION OF NEW STAIR AT TJMS STAIRWELL RENOVATION



1ST STEEL DELIVERY

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

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