



Dorothy Hamm Middle School Community Newsletter (March 2019)

We are 9 months into the project with about 5 months before the school is occupied in September 2019. Our number of rain delays through the end of March continues to grow to approximately (66) days. Foundation work remains at approximately 75% complete. We have had the foundation re-designed to a pile foundation. This would allow us to continue installing the remaining footings without the weather impeding progress. Work has moved to completing the New employee Parking lot in early April so the staff and students can return to a completed parking lot after their Spring Holiday. The structural steel for the new elevator in the existing building is scheduled to be installed over Spring Break along with the partial demolition of Stair #7 to facilitate the future teacher collaborative spaces.

The Construction Team is continuing to evaluate several options to accelerate construction with the assistance of the designers; for example, additional crews, alternative design methods to allow multiple trades working in the same space, pre-fabricating sections of ductwork and overhead piping to name a few.

The work in the existing portion of the building has not been affected by the weather delays.

Jeffrey D. Chambers, NCARB, AIA, Director of Design & Construction

Completed and ongoing tasks:

- 1st floor foundation work ongoing
- 2nd floor foundation work ongoing
- Waterproofing of 1st floor / 2nd floor foundation wall ongoing
- Construction of Stairway H (at addition entrance) masonry ongoing
- Continuing to coordinate with Dominion Energy on the new intersection and Vacation Lane improvements final design
- Bio retention #9 backfilled to facilitate completion of New employee Parking lot ongoing
- Revised foundation design to complete auxiliary gym and remaining building perimeter with piles completed
- 2-hr masonry separation wall between addition & existing building completed
- Bio retention #10 Support of Excavation to avoid Right-of-Way encroachment completed
- Removal from site of APS modular unit used by Stratford program completed

Construction activities planned next month:

- Completion of the construction entrance from Old Dominion Drive to addition for structural steel delivery
- Installation of first & second floor Slab on Grade with associated under-slab drainage system
- Completion of remaining Auxiliary gym pile foundation
- Completion of remaining building perimeter foundation
- Re-establishment of the “Drop-Off” drive lane for installation of structural steel and 1st floor slab on grade work
- Installation of 1st floor subgrade remediation work
- Completion of the Dominion Energy designs for the Intersection and Vacation Lane improvements
- Completion of New Employee Parking lot
- Completion of new elevator steel installation
- Miscellaneous minor maintenance projects performed by APS Facilities and Operations
- Installation of secondary emergency egress corridor through Room 116 due to closure of Stair #7 over Spring Break
- Demolition of Stair #7 to facilitate additional teaching / collaborative spaces

Schedule Milestone Dated (weather pending):

- Completion of new employee parking lot (April 2019);
- Completion of Stair #7 selective demolition April 2019);
- Completion of addition foundation (April 2019);
- Completion of construction entrance off Old Dominion Drive for construction deliveries (April 2019);
- Completion of under slab drainage system (April 2019);
- Completion of slab on grade and SOG stabilization (April 2019);
- Completion of steel structure erection – addition (May 2019);
- Completion of envelop/building enclosure (August / September 2019);
- Permanent Power – addition (August 2019);
- Summer construction begins – renovation (6/25/2019);

- Above ceiling close-in inspection – addition (October 2019);
- Above ceiling close-in inspection – renovation (August 2019);
- Installation of permanent cores - addition (September / October 2019);
- Furniture delivery - addition (September 2019);
- Wall close in inspection – renovation (August 2019);
- Wall close in inspection – addition (October / November 2019);
- Temporary Certificate of occupancy – addition (December 2019);
- Temporary Certificate of occupancy – renovation (August 2019);
- Staff occupancy - renovation (August 2019);
- Student Occupancy/school opening -renovation (August 2019);
- Staff occupancy - addition (November / December 2019); and
- Student Occupancy -addition (January 2020).

Process related activities:

- Construction activities will continue between 7am to 5pm on week days and Saturday work are being scheduled due to loss days from the excessive rain.

Progress Photos:



Backfill of Bio retention #9



Re-designed pile layout for remaining Auxiliary Gym foundation



12-hour CMU temporary bracing until Precast units is installed



Bio retention #10 Support of Excavation



Waterproofing Basement wall on soil side

