



Dorothy Hamm Middle School Community Newsletter (February 2019)

We are 8 months into the project with about 6 months before the school is occupied in September 2019. Our number of rain delays through the end of February continues to grow to approximately (60) days. Foundation work is approximately 75% complete. Due to condition of the existing subgrade, a revised foundation design is required for a portion of the addition at the auxiliary gym and building entrance area. Underground water and bad weather are still hampering progress but have consulted with the geotechnical engineer for an approach to install the first-floor slab on grade with the associated under slab drainage system. The contractor is proceeding with completing the second level slab on grade and foundation work before commencing the first-floor work. The two-hour separation wall between the addition and the existing building is complete. The auxiliary gym wall construction will resume after the installation of the new foundation work.

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 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
- 2-hr masonry separation wall between addition & existing building ongoing
- Construction of Stairway H (at addition entrance) masonry ongoing
- Continuing to coordinate with Dominion Energy on the new intersection final design
- Exploration and approval of a revised foundation design to complete the auxiliary gym foundation
- Completed initial kick-off meeting of all APS LEED & Building Commissioning consultants

Construction activities planned next month:

- Completion of the construction entrance from Old Dominion Drive to addition for structural steel delivery
- Installation of second floor Slab on Grade
- Installation of Auxiliary gym pile foundation
- Installation of the under-slab drainage system
- 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
- Installation of 1st floor under slab drainage system
- Coordination with Dominion Energy for the Military Road and Vacation Lane improvements
- Installation of Site Wall G retaining wall / Bio retention No. 10 structure

Schedule Milestone Dated (weather pending):

- Completion of new employee parking lot (April/May 2019);
- Completion of addition foundation (March / April 2019);
- Completion of construction entrance off Old Dominion Drive for construction deliveries (March / April 2019);
- Completion of under slab drainage system (February / March 2019);
- Completion of slab on grade and SOG stabilization (February / March 2019);
- Completion of steel structure erection – addition (March / April 2019);
- Completion of envelop/building enclosure (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:



New 12-inch Firewall between existing and addition
(before)

New 12-inch Firewall between existing and addition,
(during)



New 12-inch Firewall between existing and addition,
(after)



Auxiliary Gym structural walls



L1/L2 Foundation wall (before)



L1/L2 Foundation wall (after)



Level 1 / Level 2 Retaining Wall Waterproofing before backfill





Auxiliary Gym foundation (before)



Auxiliary Gym foundation (after)



Elevated View (north portion of 2nd floor)





Exterior of Aux Gym Walls to receive brick fascia



North Elevation of Addition
(looking at exit stairway / gym storage room at
Auxiliary gym)