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## **Butler SD Renovation Projects Phase I Summer of 2022 Weekly Progress Report Status June 3, 2022, through June 9, 2022**

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We started Phase 1 of the Butler School District project over Spring Break of this year. The primary concern was the logistics of having a construction project directly adjacent to an occupied and functioning elementary school, Brook Forest. We established a complete separation between the school and the entry construction project with a solid wall on the interior and construction fencing around the perimeter. Working in cooperation with the facilities director and building principal, we rerouted the entry, furnish and installed directional signage, monitored the school's arrival student drop-off, had contractors off-site prior to school dismissal, security background checks implemented and adjusted the schedule to accommodate student testing.

Once all precautions were in place, we started demolition of the existing entry to make way for the new design. The new layout in this area includes an elevator, shaft, and pit, which brought us to our first unforeseen challenge. The concrete slab, anticipated to be an average of 5" to 6" thick, was actually 46" of solid, reinforced concrete 10'x8' which took a specialized contractor and a combination of saw cutting and jackhammering over a week and a half to remove. Once the excessive concrete was removed and excavation was at the proper elevation (about 14' below grade), we encountered poor bearing soil and excessive groundwater conditions which required a complete structural engineering redesign. As a value engineering option, we chose to bring in a new contractor, saving several thousand dollars on the rework. The undercut due to poor soil, the expanded footings, a waterproof membrane, pinning existing walls and slab, and elevator pit foundation walls are currently complete and

back on track to construct the shaft walls as originally designed.

The second major unforeseen challenge we encountered involved the new 14' deep stairwell addition. Due to existing foundation conditions, extremely poor soil, and excessive water infiltration, we once again had to have this complete area redesigned by our structural engineer to accommodate the buried, existing conditions. Also, once again, to reduce additional costs, we repriced this aspect and found the lowest, most qualified contractor to implement this work. Now that the elevator pit foundation is complete, we will start on the stairwell this week.

The phase 1 work is divided into 3 portions, Brook Forest Entry Addition, Brook Forest Interior Renovations, and Butler Junior High Interior Renovations. Due to the major challenges encountered with the Brook Forest entry addition, we are currently 3-4 weeks behind our initial schedule. Our goal is to do our best to make up time lost to unforeseen conditions throughout the next 2-1/2 months. We are coordinating with our contractors and a revised schedule should be available in about a week.

The remaining 2 portions, Brook Forest Interior and Butler JH Interior, have begun with solid momentum. This work could not start until school was out for summer break last Friday. Within 2 days, Brook Forest demolition is near completion, and Butler is scheduled to start Wednesday, June 8<sup>th</sup> and will be complete by the end of the week.

A great deal of meetings and coordination has occurred over the last 4 weeks to ensure the success of these two portions. We are currently maintaining our initial schedule on these two interior portions at Brook Forest and Butler Jr. High.