Crystal Beach

Project Update



Timeline 2017-2021



Madison designated as a Stellar Community. Crystal Beach project estimated at \$1.5 million.



Planning began on Crystal Beach project with formation of design team.



Swimming pool audit determined work on the pool needed to be added to the project scope.

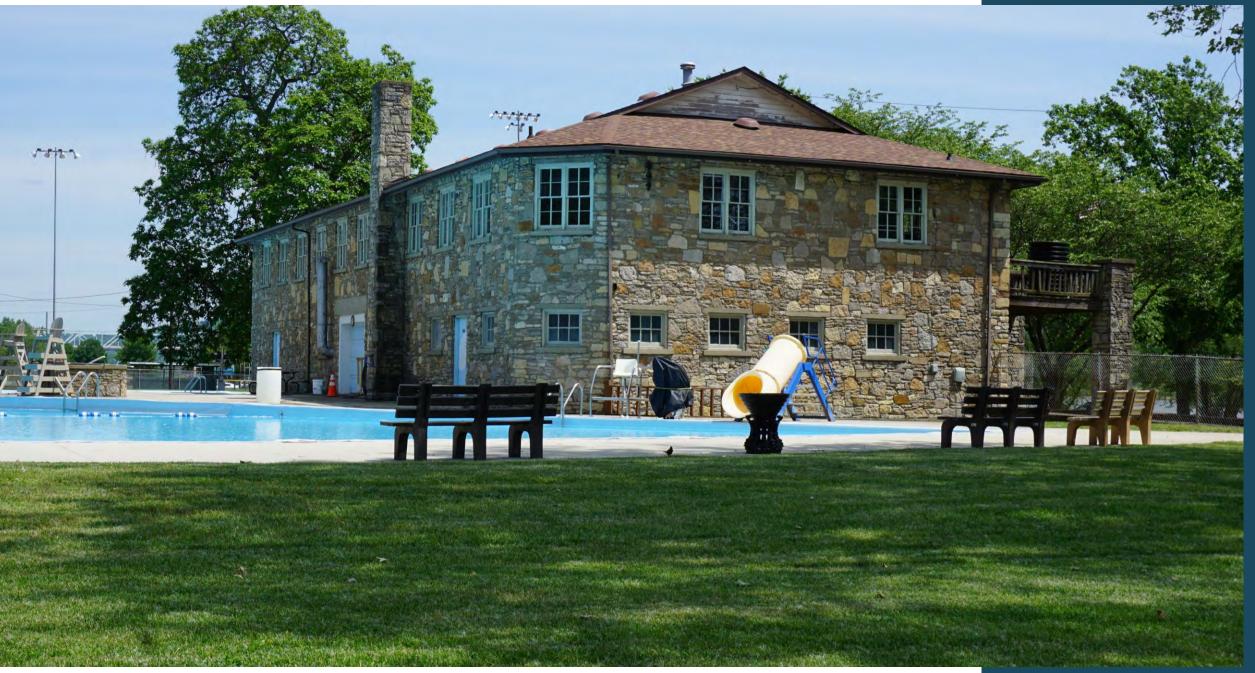


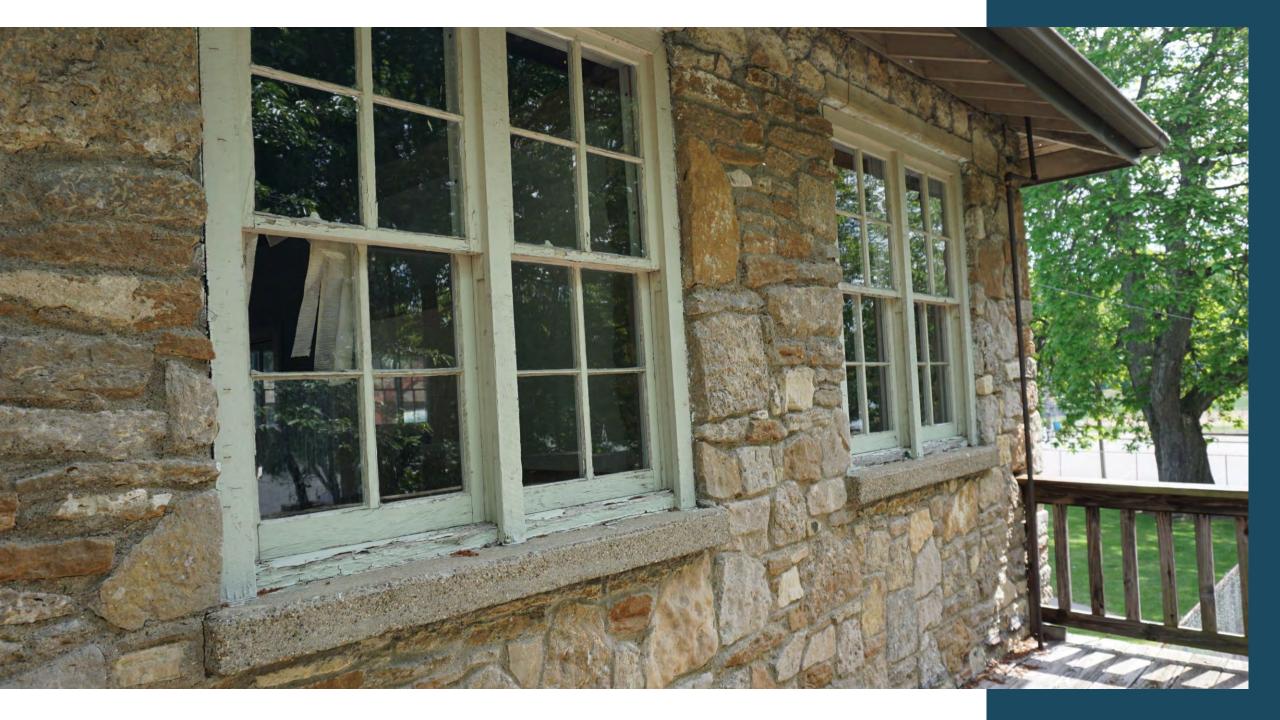
Construction contract was awarded at \$2.6 million, and construction began.

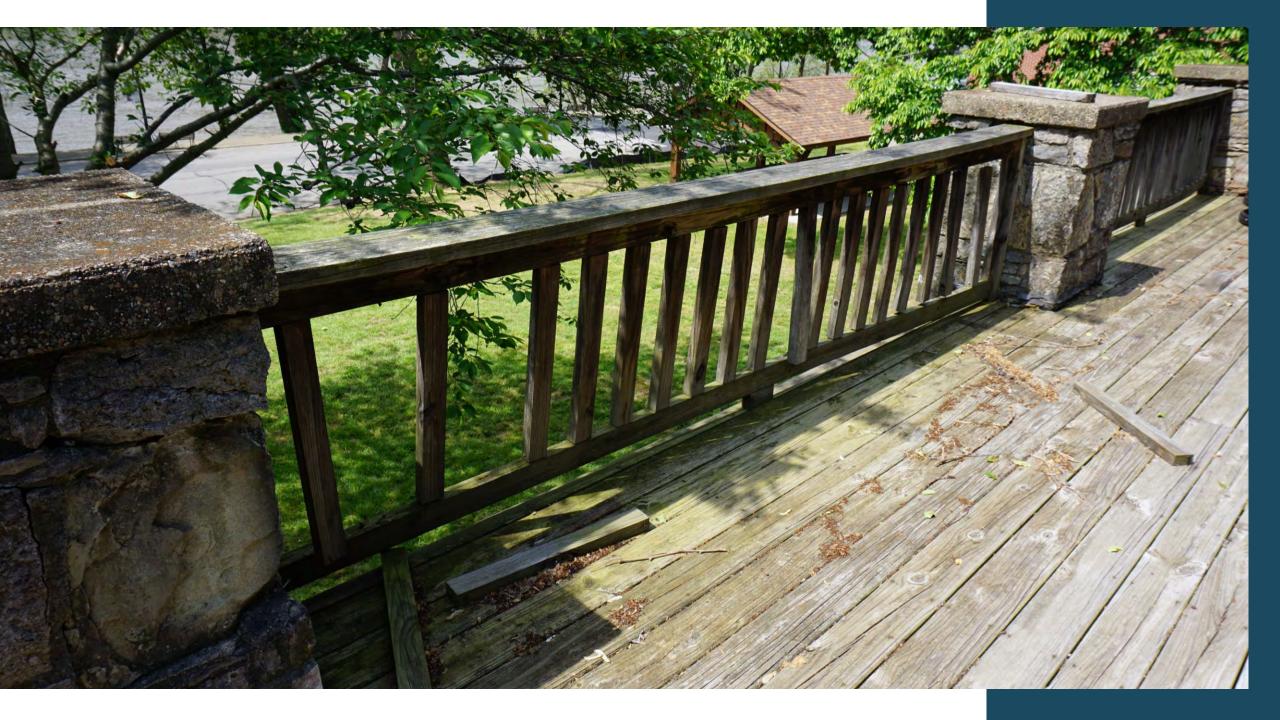


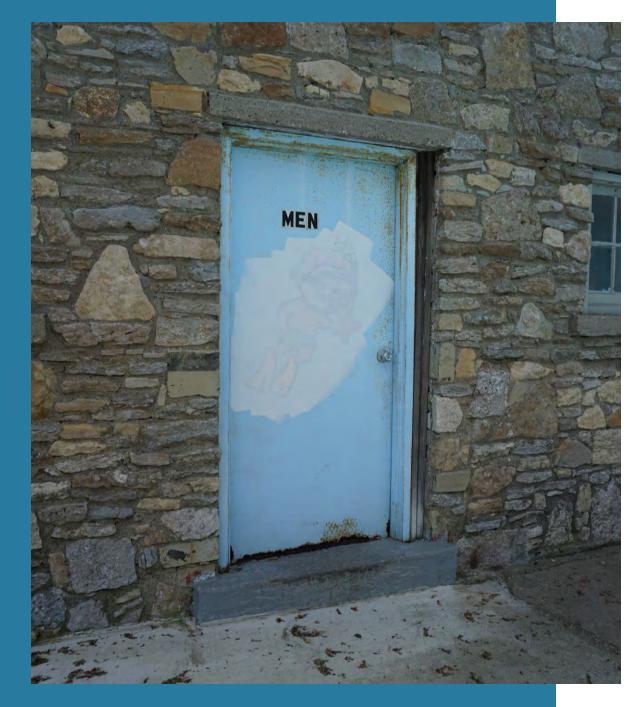
Where We Started

Condition Before Construction

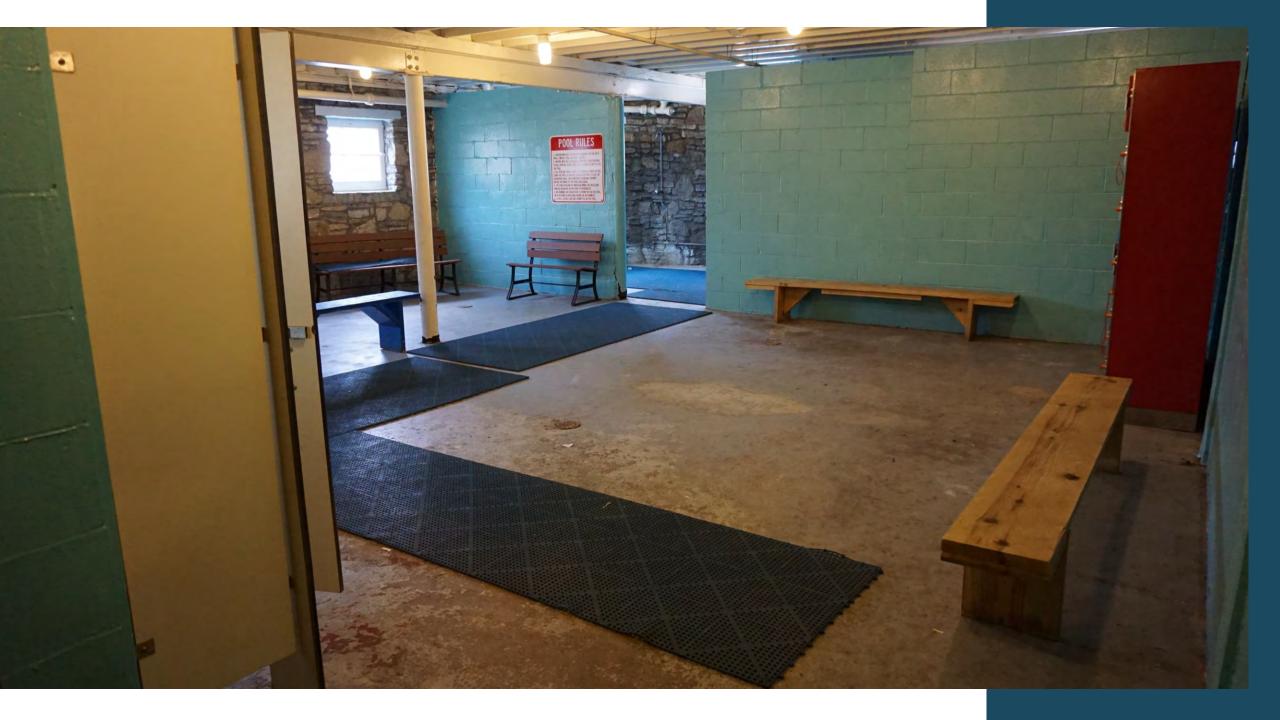




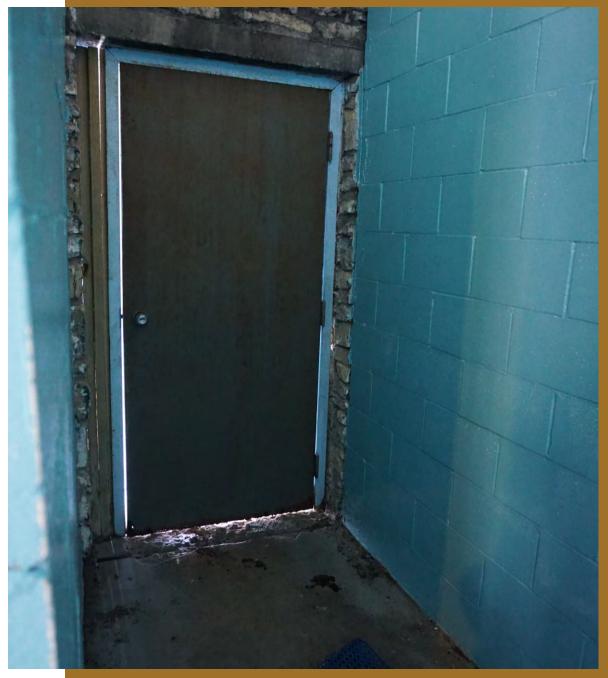


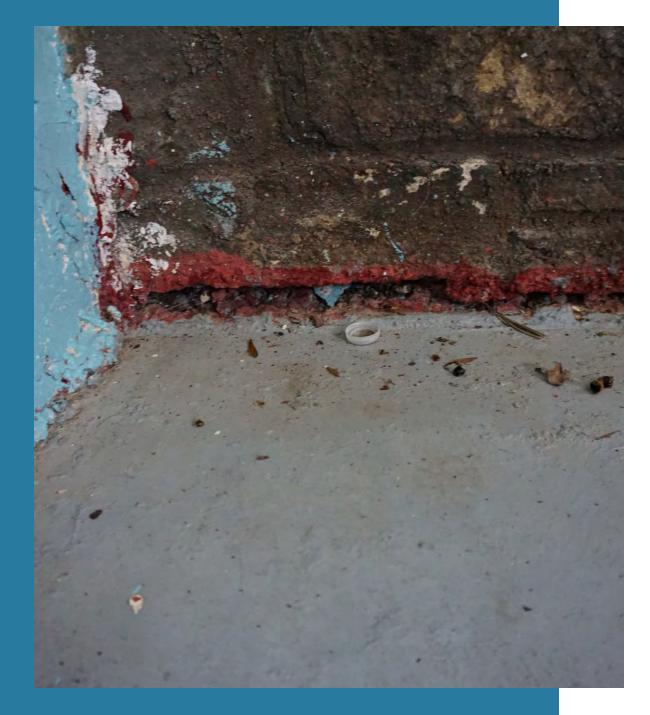


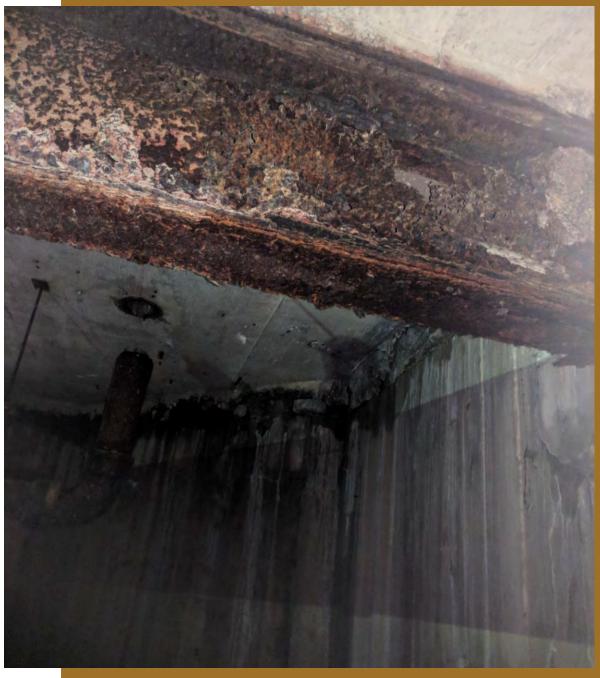


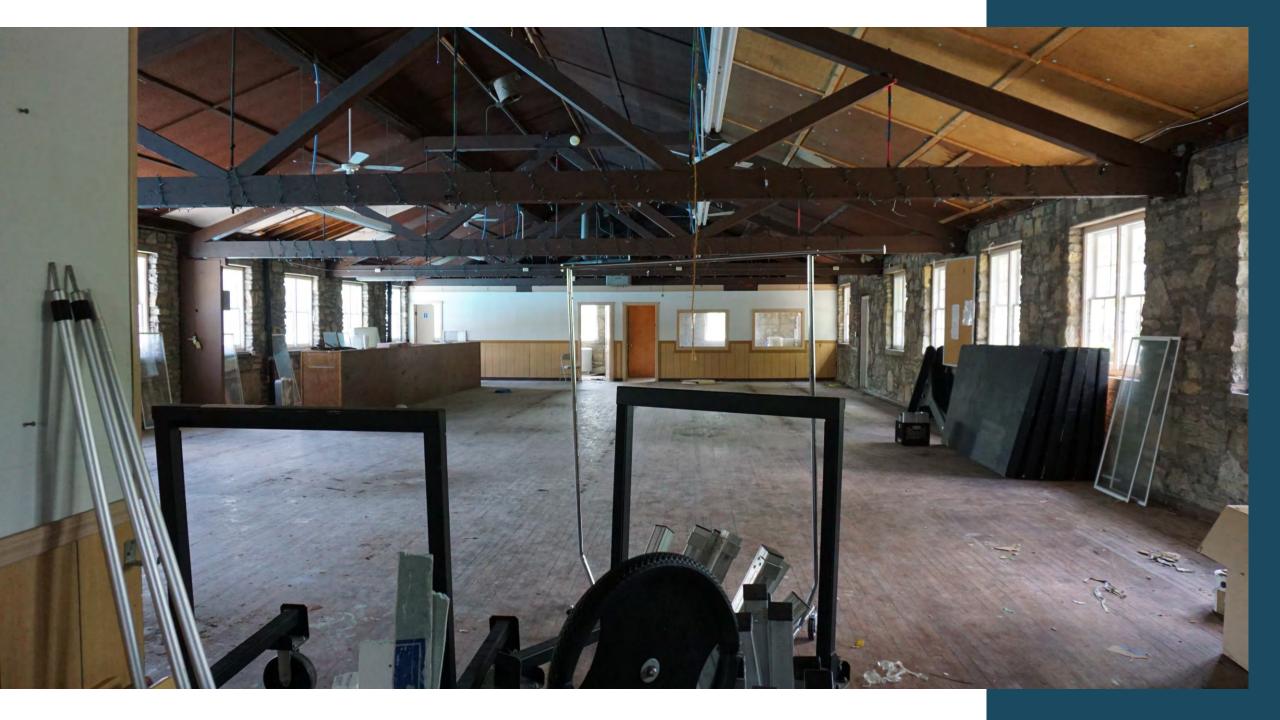


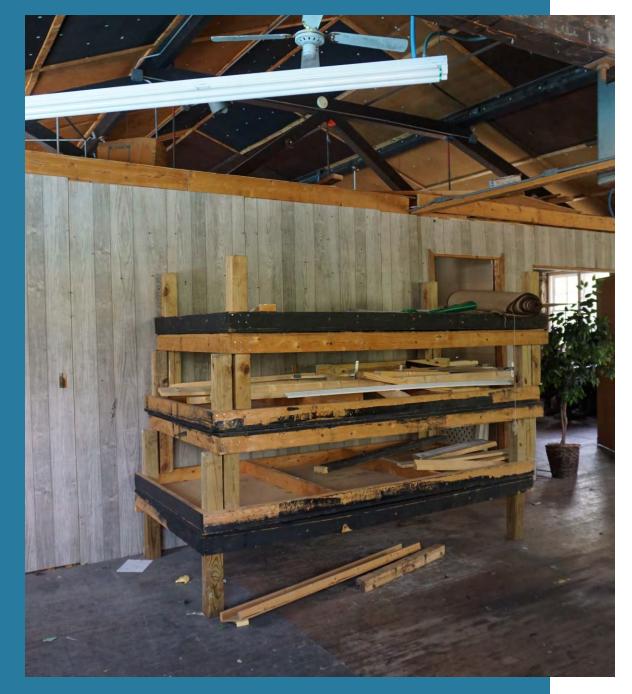


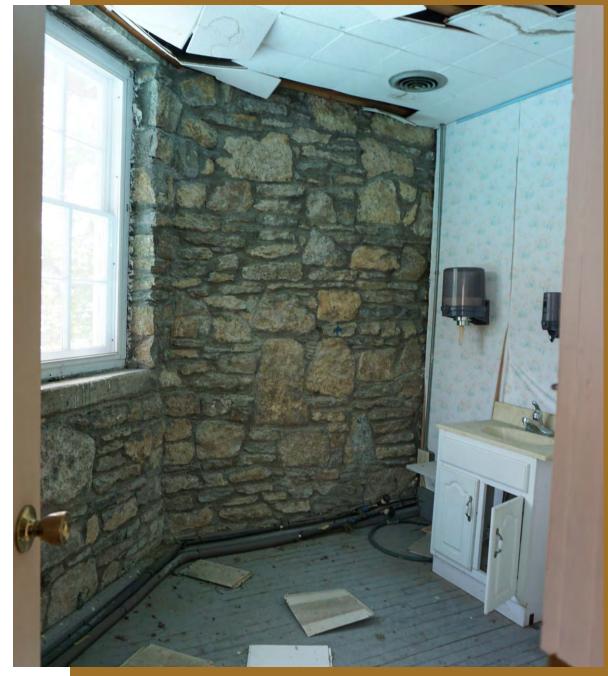








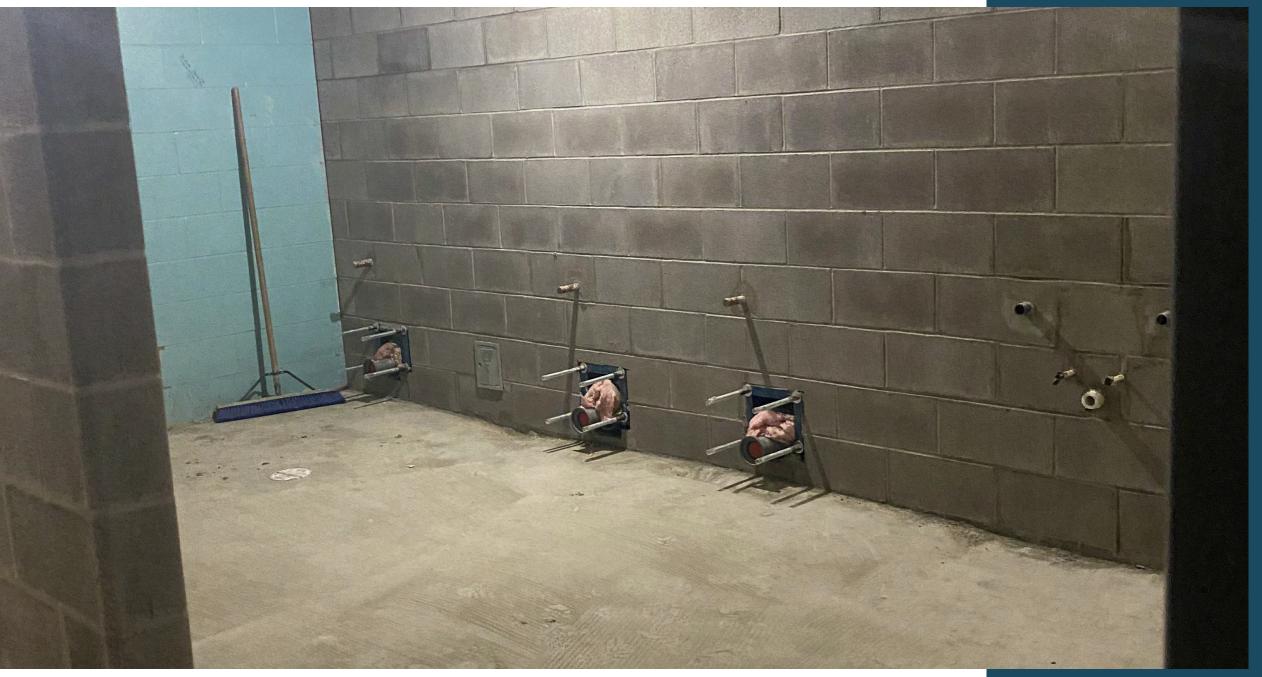


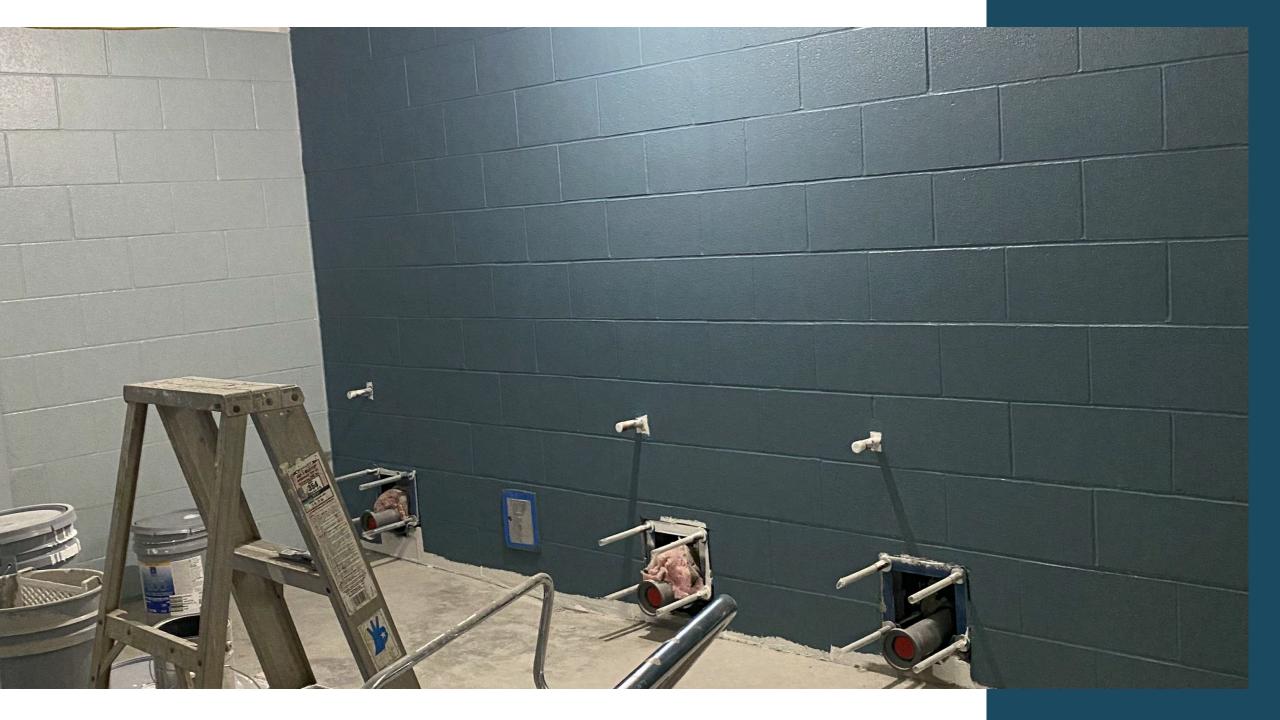


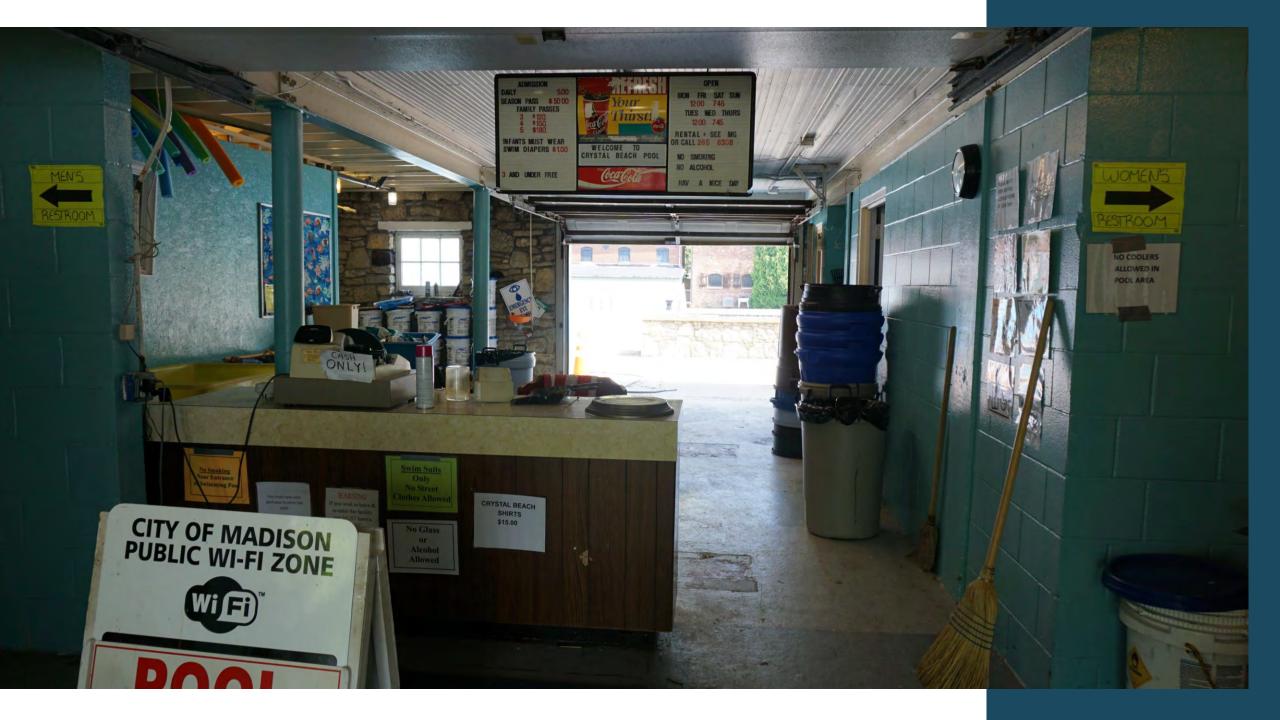
How Far We've Come

Construction







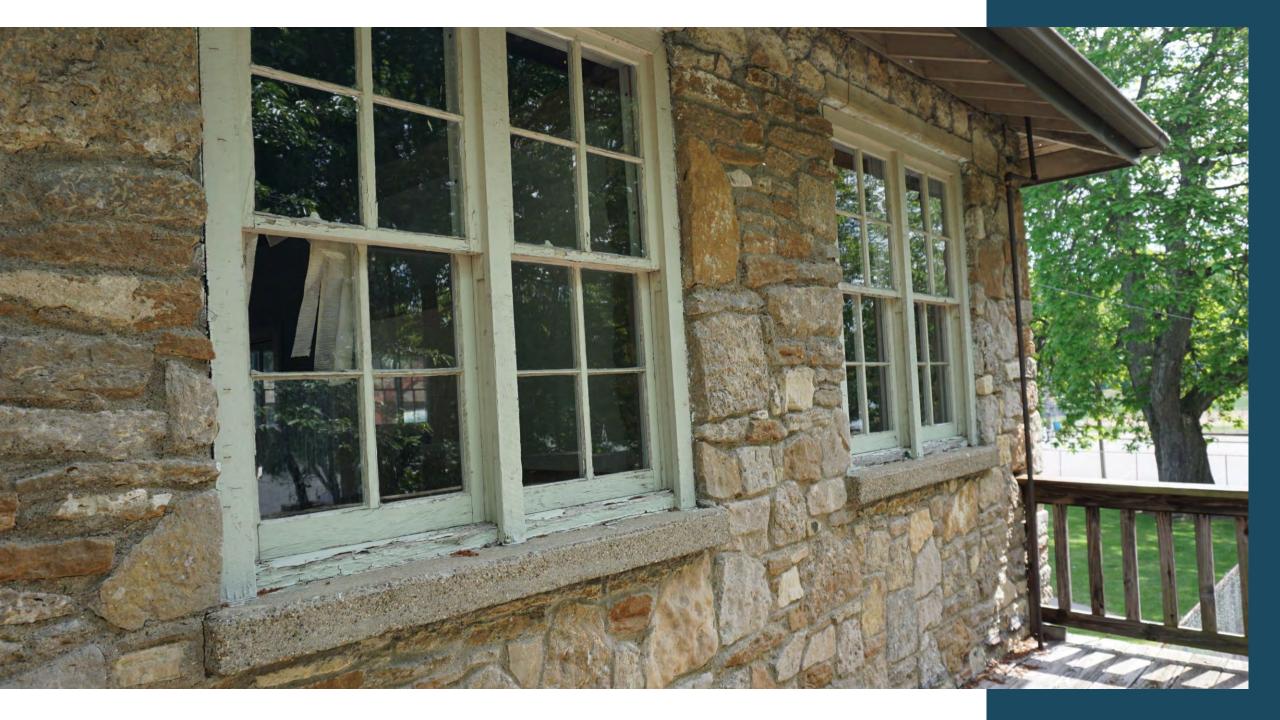


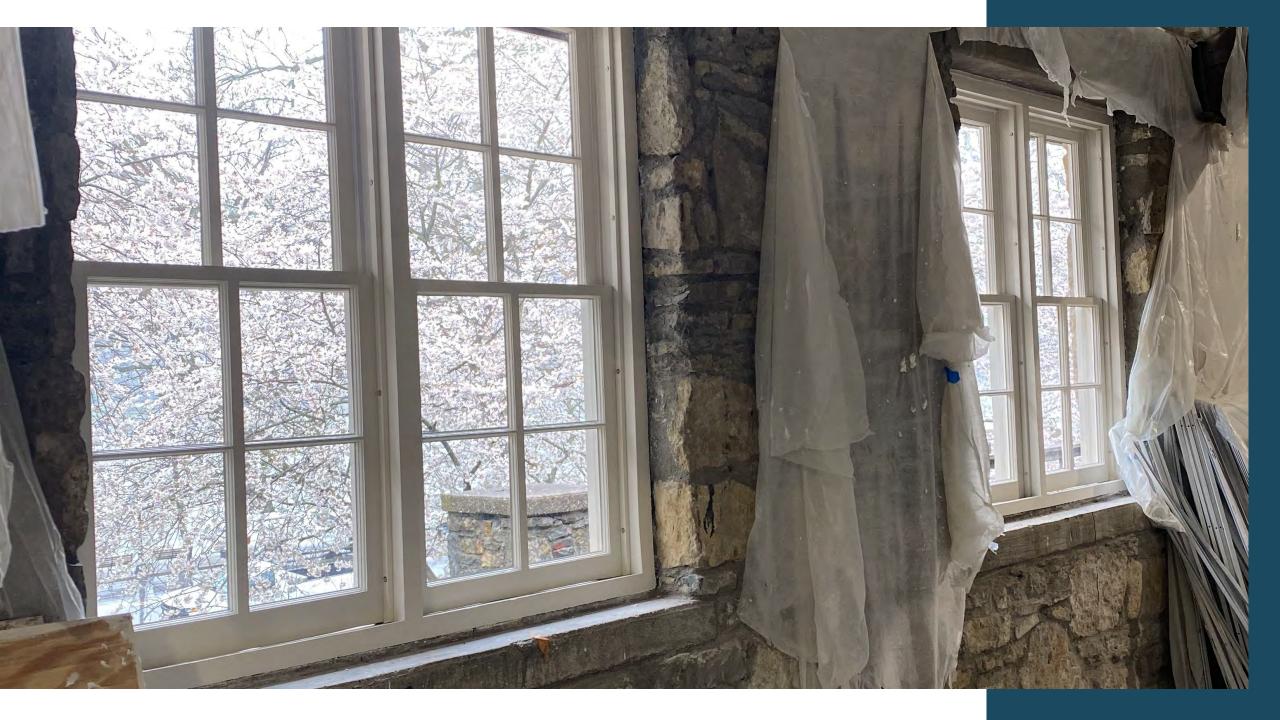


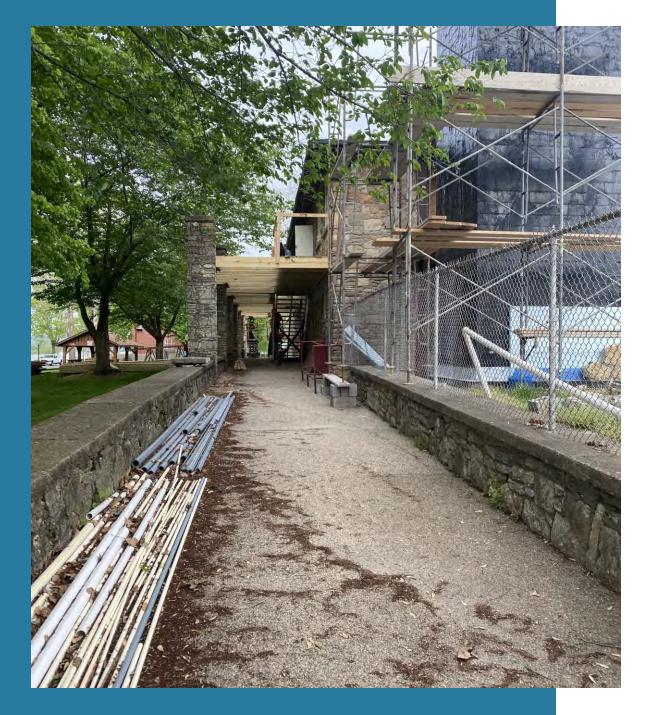












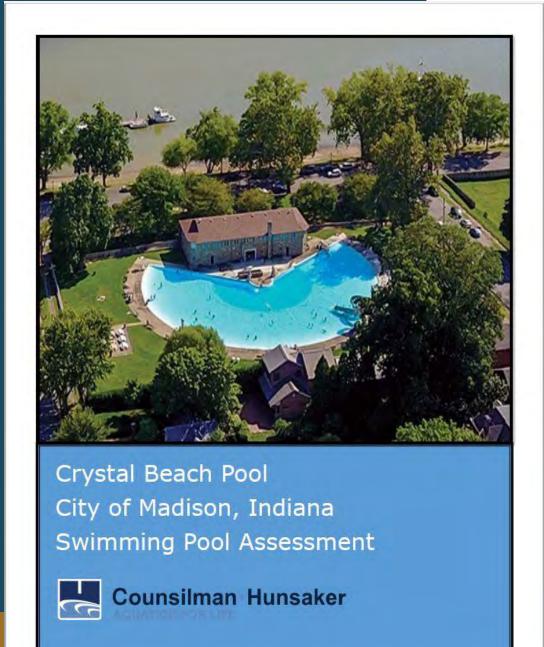




Questions?

Swimming Pool

Studies and Findings



- Completed in August 2020
- Pool liner is at the end of its life cycle
- Pool does not meet ADA requirements
- Flow rates are unknown for the pool recirculation, backwash flow, and slide water supply

August 2020 1 Crystal Beach Pool



CRYSTAL BEACH POOL RENOVATION

400 W Vaughn Drive, Madison, IN

Condition Summary & Recommendations

April 11, 2022

Prepared For:

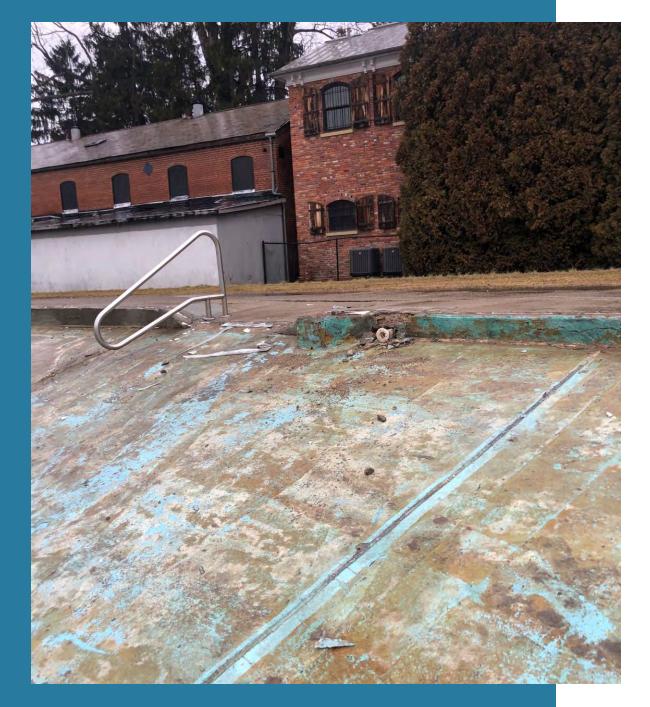
C. Edward Curtin, FASLA CWC Latitudes 193 E 925 N Seymour, IN 47274



Prepared By:
Aaron Daley, PE
Greg Buccola, PE
KPFF Consulting Engineers
125 South 6th Street, Suite 200
Louisville, KY 40202

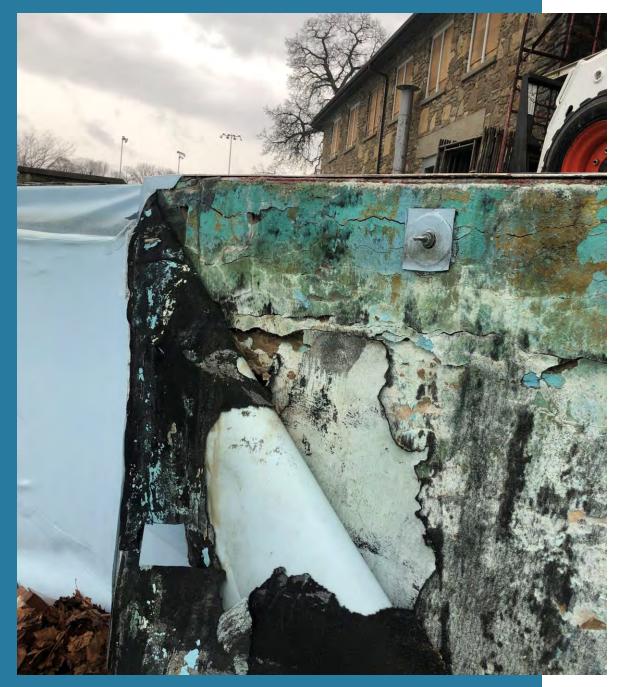
- Completed in April 2022
- Cracks and spalling of North wall indicate loss of integrity
- Severe damage to curb at cured zeroentry edge (80% of perimeter is failing)
- Water return piping does not hold pressure
- Incorrectly sized and non-functioning surge tank



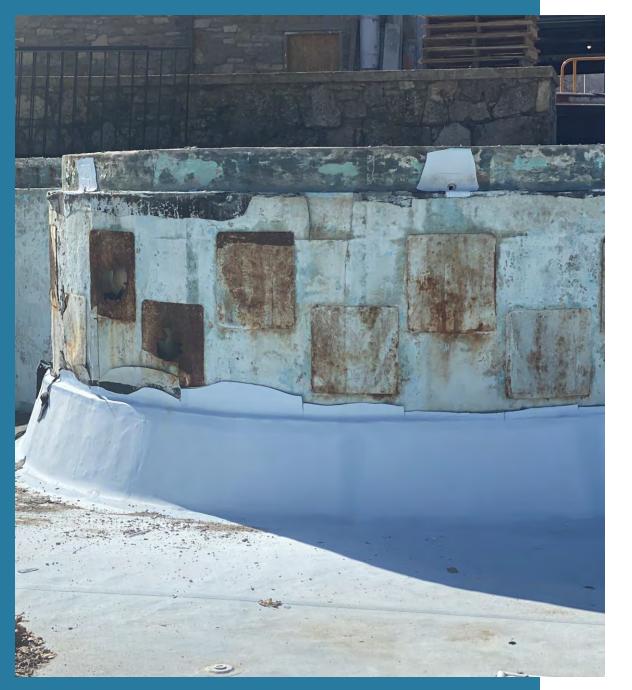


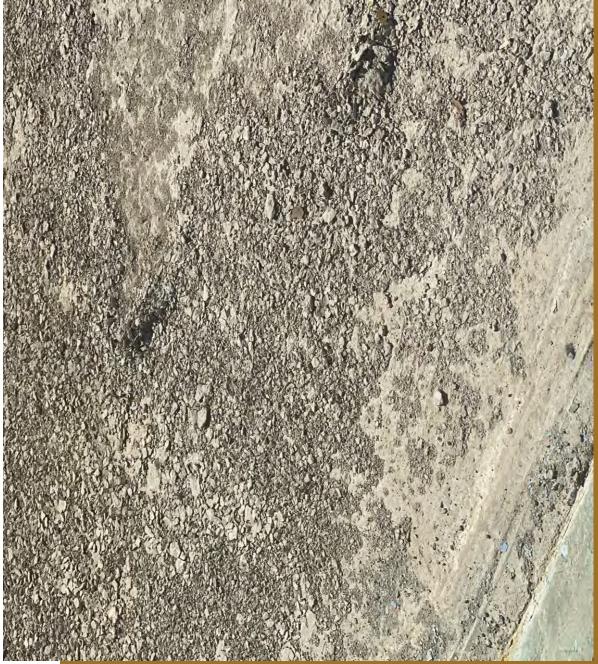


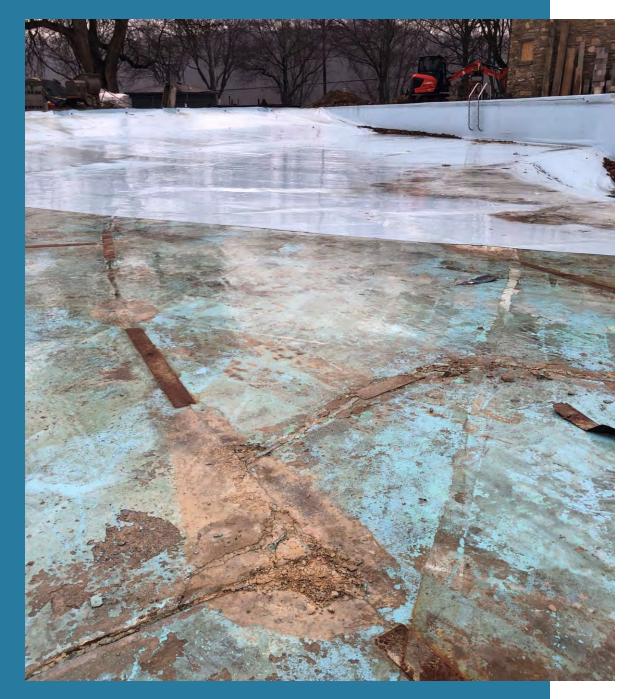


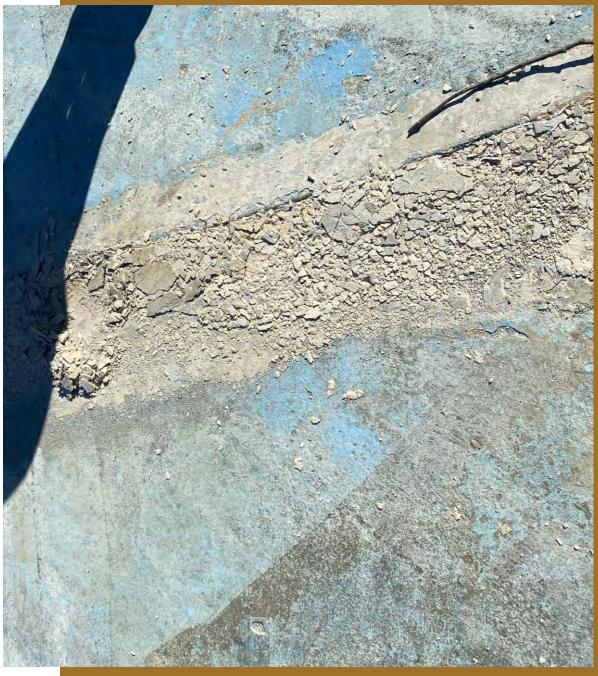


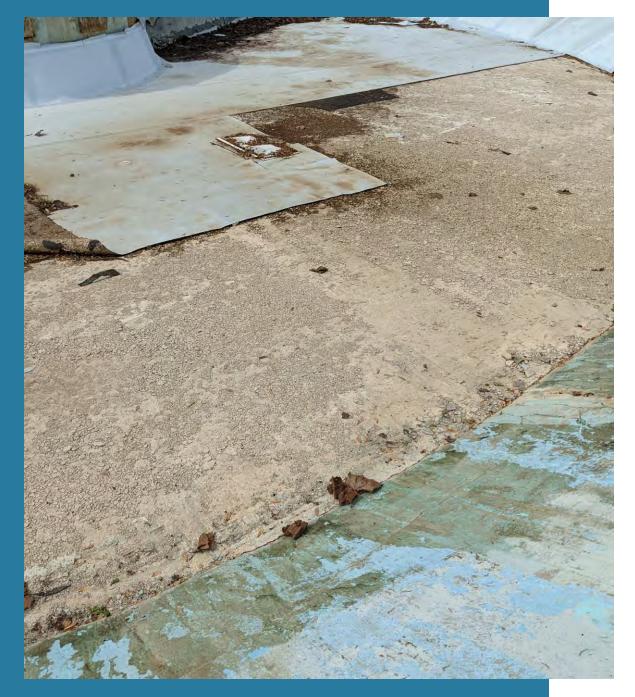


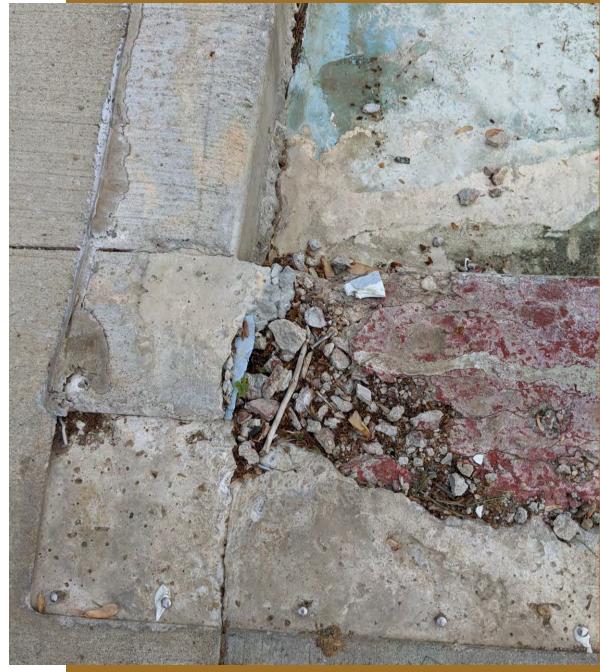


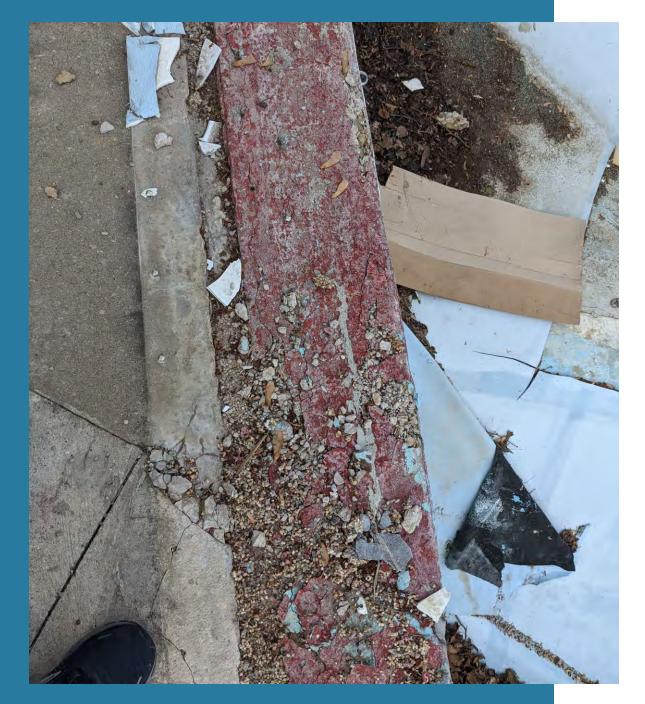




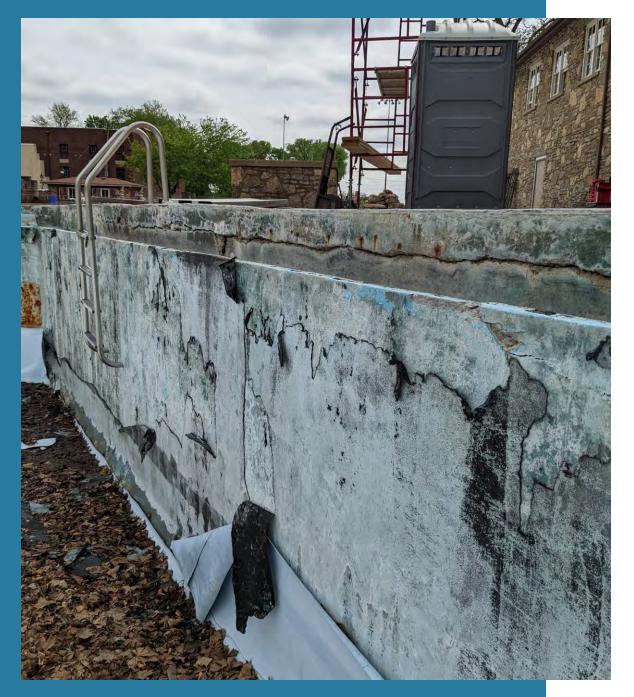




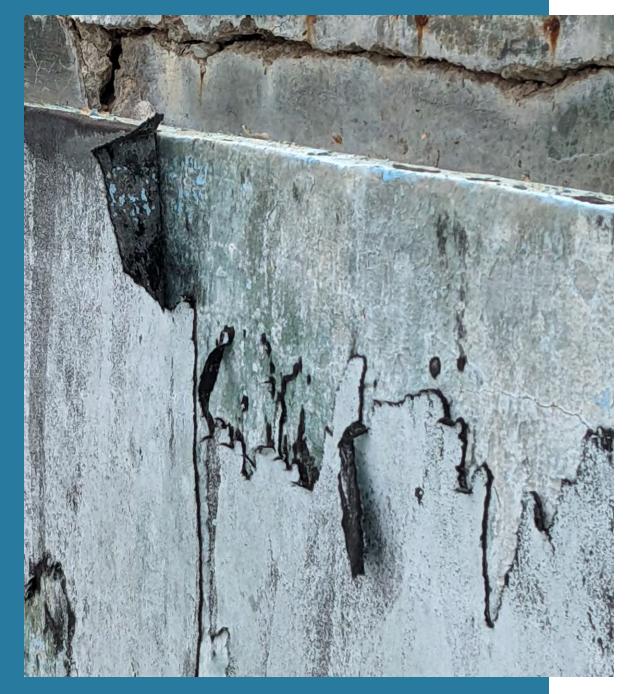


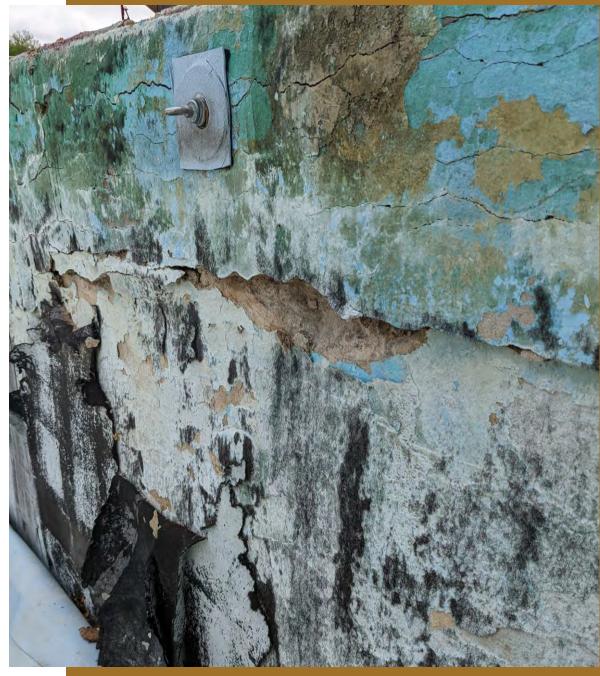












Next Steps



Complete pool house renovations and open for year-round use by fall 2022.

Create plans to address cited issues of the swimming pool.





Complete swimming pool renovations.

Grand reopening of Crystal Beach Pool for the 2023 season.





Questions?