

KEYSTONE
**ENGINEERING
& CONSULTING**

BAREFOOT TRACE REHABILITATION PROJECT

Project Summary: #1
Reporting Period: 08-26-2024 through 09-13-2024
St. Johns County Permit # 12411351

Project Engineer: Jason Boatright
Prime Contractor: R.L. James
Field Superintendent: Chad Edwards

PROJECT LOCATION
6240 SR-A1A, Saint Augustine, Florida 32080

These Project Summaries will be published by Keystone and submitted bi-weekly to provide information relative to the overall progress, including example photographs, of each step of the construction as it proceeds.

Mobilization commenced on August 19, 2024, and was recorded as the first day of work. Materials and equipment were staged at the parking lot as discussed at the pre-construction meeting.

The project commenced with 3rd and 4th floor walkway repairs after the engineer visually evaluated and acoustically sounded reinforced exterior components on August 23, 2024, and denoted boundaries of areas for excavation with spray paint. Fortunately, some areas believed to be reinforcing steel corrosion, called spalling, were a lesser cost repair of either stucco or topping. Keystone visited the site on multiple occasions to monitor work underway and noted general compliance with the International Concrete Repair Institute(ICRI) guidelines. The excavations were observed to be geometrically shaped, not feather-edged, a minimum of ½” in depth, and exposed reinforcement mechanically cleaned to remove all scale and bond inhibiting matter. The engineer performed pre-pour inspections on August 30th and September 13th that coincided with a Record of Repair that establishes the Unit Cost activities the contractor completed. As-built drawings were also generated with the Record of Repair form documenting the precise locations of the 5-year warranted concrete repairs. Keystone is scheduled for September 20th to conduct another Record of Repair.



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Figure 1. Engineer Measuring Topping for the Record of Repair.

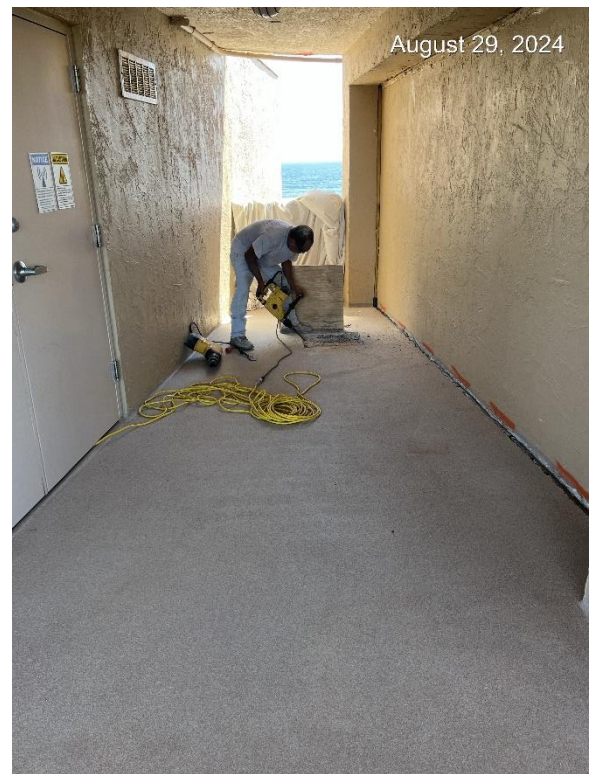
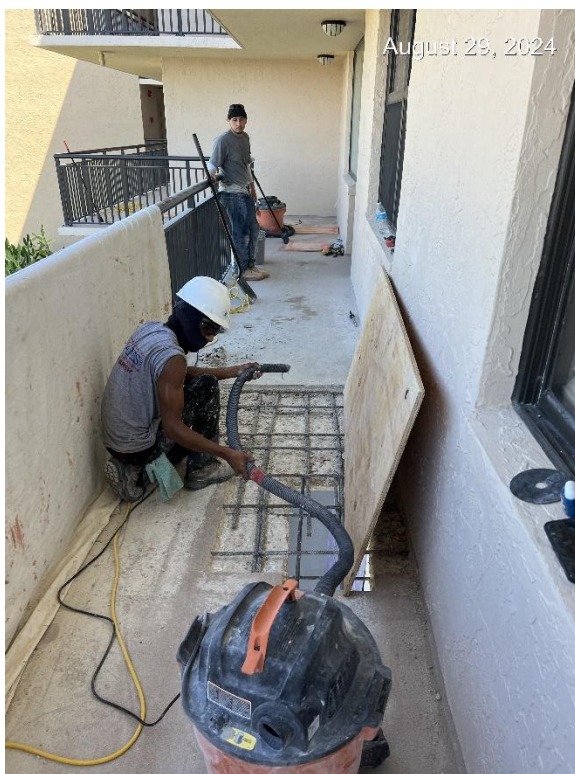




Figure 4. Excavations at the Walkways Continue.



Figure 5. Surface Spall Repair Approved to Cast.



Figure 6. Stucco Repair.