

CPI Foundation

Increasing Readiness for Our Veterans, Our Infrastructure, Our National Parks



Project Profile: Ft. Point National Historic Site

project Infrastructure, Public Access

objectives Military-to-Civilian Career Training, Construction, Increase Safe Access

team Active Duty Military Service Members

completed 2020-21

owner National Park Service, in cooperation with Golden Gate Bridge, Highway, and Transportation District, and with the Golden Gate National Park Conservancy

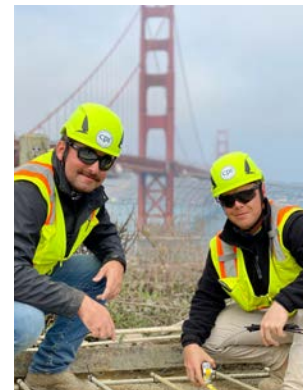
location San Francisco, California



Ready mixed concrete truck and pump setting up just after daybreak at project site



Placing & finishing pumped concrete



Active duty military training participants

Project Highlights

- **Outcomes:** Replaced existing decomposed granite walk/bike path with integrally colored, exposed aggregate concrete for durability, clean appearance, low maintenance, and public safety
- **Special Considerations:** Infrastructure work at high-traffic public thoroughfare, difficult logistics at physically constrained site, match existing decomposed granite appearance, utilize glass fiber reinforcing bars for long-term resiliency (eliminate corrosion over time in aggressive chloride-rich environment), coordinate team, owners, & industry for strict COVID compliance
- **Work Items:** Remove existing decomposed granite; create on-site concrete finish mock-ups for NPS approval; dig/cut concrete placement area; install sub-base, edging material, & glass fiber reinforcing bars; place ready mixed concrete via pump and truck discharge (one or other in different areas as dictated by tight site); hand-place/expose aggregate for surface texture & appearance; ensure site safety for team & public

CPI PROJECT PROFILE details Ft. Point National Historic Site



Site prep & glass fiber reinforcing bars installed



Placing truck discharged concrete



Placing/embedding special aggregate for later surface exposure



Applying concrete surface retarder



Night work to water blast & expose aggregate



Saw cutting expansion joints on hardened concrete



Finished product



Former student hired by local company joins for day as mentor for active duty participants



The proud team

CPI FOUNDATION PROJECT & TECHNICAL CAPABILITIES

- Expert staff engage hands-on and manage teams of highly qualified and vetted members of our active duty armed forces preparing for transition to civilian careers
- Self-perform concrete, wood, steel, & composite construction as design-build projects coordinated with owners; larger projects include self-performed work in addition to managing consultants & sub-contractors
- Repair, new construction, and historic preservation projects in urban, remote, wilderness, and marine areas include historic structures & site features; visitor & utility facilities; trails; water utility systems; projects that improve access, health, safety, & recreation, including ADA access; roads; bridges; tunnels; and parking lots
- Leader in advancing innovative technological solutions to structural and infrastructure challenges that collectively promote durability, sustainability, and comply with preservation, environmental, & other regulations

The CPI Foundation is a proven public/private partnership program working with the U.S. Departments of Defense and Interior, and with industry companies across the country. The program benefits the United States and its taxpayers by combining the strengths and needs of three national concerns: our military veterans, our infrastructure, and our national parks. Helping avoid potential military-to-civilian transition pitfalls, CPI offers career preparation & placement and hands-on training programs for transitioning active duty service members at all levels from all service branches while completing construction, repair, deferred maintenance, and safety/access projects in national parks and public lands.