

Veterans Memorial Signature Replacement Bridge

Volusia County, Florida was awarded federal funding for the Tom Staed Veterans Memorial Bridge through the Florida Department of Transportation's (FDOT) Local Agency Program (LAP). Through the LAP, FDOT disperses funding while tracking compliance with federal statutes, rules and regulations on behalf of the Federal Highway Administration (FHWA).

The replacement bridge, located over the Halifax River in Daytona Beach, is a marquee \$46 million, 32-month construction project, with great meaning for the local veteran community. It is designed to improve safety for motorists, add capacity for bicycles and pedestrians, and provide an important reliable evacuation route from the beaches in the event of a hurricane. The redesigned bridge is a high-level, 1884-foot fixed-span concrete arch spandrel bridge extending from west of City Island Parkway to South Peninsula Drive.

Due to the project scope, county officials required a skilled and experienced CEI team to successfully oversee construction. CDM Smith, a full-service engineering and construction firm, was chosen to fill the role. The vast size of this bridge and its large components require extensive consideration and testing of geotechnical and geometrical control issues. In turn, CMD Smith partnered with GRL Engineers to provide [dynamic pile testing](#) and related specialty services to Volusia County thru the CEI contract.

To learn more about GRL Engineers, visit www.grlengineers.com or email us at info@grlengineers.com.

Project Details

Client: CDM Smith

Location: Volusia County, Daytona Bridge, Florida

GRL Office: Florida

GRL Services

- Specialty Consulting Services
- Dynamic Pile Testing

1,884
foot long bridge

\$46M
bridge replacement