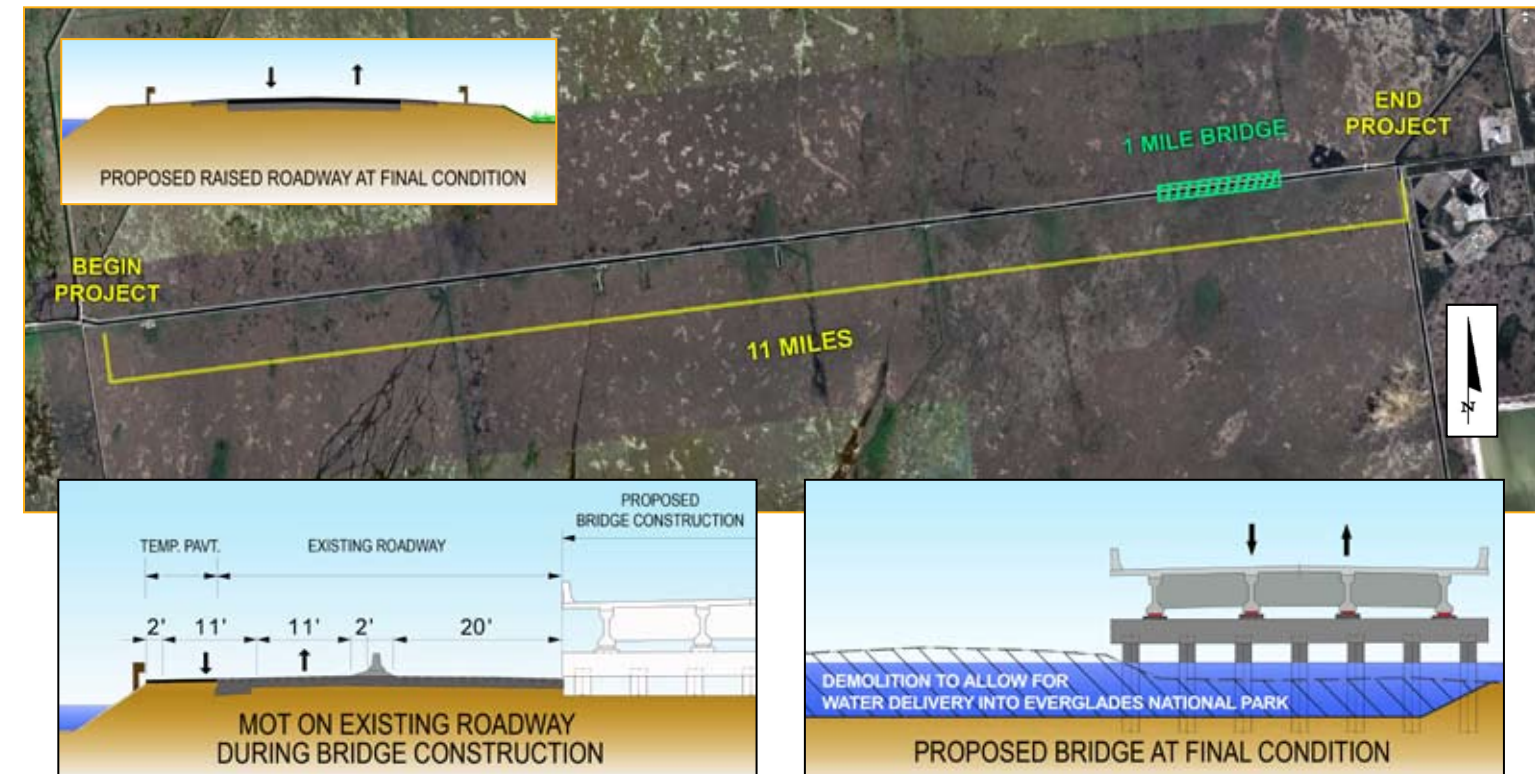


Providing Innovative Design Solutions

TAMIAMI TRAIL/ SR 90 Modifications USACE

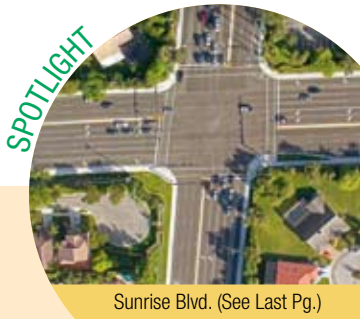
The Tamiami Trail/SR 90 Modifications project is one of the first major restoration efforts for the Everglades ecosystem. EAC is proud to be part of this major initiative which will be essential in improving water deliveries under the Tamiami Trail into the Everglades National Park, restoring more natural hydrologic conditions thus aiding a wide range of vegetation types and wildlife species in the park.



The project improvements will cover approximately 11 miles of SR-90 beginning about one mile west of SR-997 (Krome Ave.) and ending at structure S-333 to the west. A new one-mile long bridge will be constructed to allow additional hydraulic conveyance from the L-29 Borrow Canal, along the north side of the road, into the park. Located at the eastern end of the project, the two-lane, one-mile bridge, will consist of 66 equal spans of superstructure utilizing prestressed AASHTO Type IV beams. Pile bents with prestressed concrete piles will be used to support the superstructure. The proposed improvements also include the reconstruction of 9.7 miles of the existing roadway, raising the roadway to achieve base clearance to the design high water; milling and resurfacing in other areas in order to correct the substantially deteriorated existing pavement; and new construction of the roadways approaching the bridge.

INSIDE THIS ISSUE

- Message from Staff
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Sunrise Blvd. (See Last Pg.)



Spotlight

Sunrise Blvd. (Hiatus Road to Pine Island Road)

Broward County

EAC provided design and construction management services for the widening and resurfacing of this 1.5 mile segment of the existing four-lane divided arterial in Broward County. The widening resulted in a six lane divided urban typical section with bike lanes and new sidewalks. The project included roadway alignment modifications, drainage, signing and pavement markings, signalization, landscaping with irrigation, and permitting. **Completion was ahead of the target date by three months and \$5,000 below the bid price**, despite adding \$1.3M of extra work to the contract. This was a highly successful project for Broward County, the contractor and EAC.

Message From Staff

Our clients and staff are a vital part of EAC's success. Because of our staff's contributions and the support of our clients, we have secured projects such as SR90 / Tamiami Trail Modifications which is featured in this issue. This landmark initiative by the U.S. Army Corps of Engineers, which aims to restore the Everglades National Park's water delivery system, is a prime example of the kind of innovative projects EAC has the resources to execute.

Additionally, the success of our recently completed projects, Sheridan St. Reconstruction and Sunrise Blvd. (both completed ahead of schedule and under budget) is a testament to the hard work of our staff and our ability to effectively implement projects.

The highway department looks toward the future and is committed to engineering excellence and to bringing value through innovation. We continue to develop in all areas of transportation including the expressway and design-build market, and our specialized structural capabilities which are shared by only a few firms statewide. Along these lines, we have continued to establish ourselves in the tolling industry through our work with Miami-Dade Expressway Authority, Orlando-Orange County Expressway Authority and Florida Turnpike Enterprise. We have also worked with several entities on pursuits and opportunities with concession agreements/PPP (Public Private Partnerships).

I look forward to continuing our relationships with our clients, working with them to achieve success on their projects and to demonstrate our commitment to excellence. It is only through our commitment to excellence and client service that we are able to achieve our goals as a company.



Frank Lena, P.E.
Highway Department Manager

Recent Transportation News

Sheridan St. Reconstruction from N.W. 196th Ave. to N.W. 172nd Ave. Broward County



EAC provided design and construction management services on this recently completed 2.1 mile (\$18M) reconstruction project, which came in **ahead of schedule and under budget**. The project included roadway alignment design (which increased the number of lanes from two

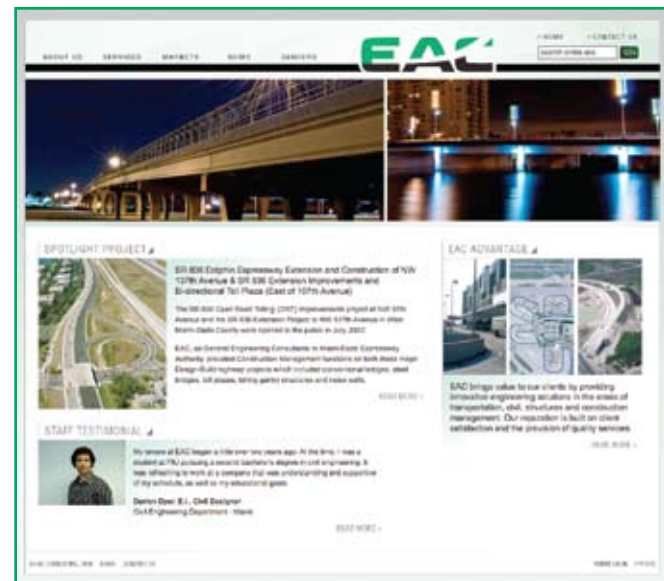
to four, with bicycle lanes, divided by a landscaped median), drainage, signing and pavement markings, signalization, lighting, landscaping, irrigation, canal dredging and filling, and environment coordination and permitting for the surrounding wetlands.

Website Launched

EAC's Website Provides Easy Navigation and New Search Feature

EAC is pleased to present our redesigned user friendly website located at www.eacconsult.com.

The enhanced design of the improved site is easy to navigate and makes for a more user friendly experience. Information about EAC's services, markets and the benefits of doing business and working for the firm is easily and quickly accessible. A significant feature added to our website is the enhanced search engine with a comprehensive database that allows



Web Design provided by Crimson Interactive

you to quickly access and sort project information and career opportunities.

Community Involvement

Promoting the Field of Engineering Among Our Youth

EAC is committed to enriching the learning experience of students within the communities that we live and work in. As such, EAC actively encourages all staff to participate in community involvement initiatives that the firm undertakes.

EAC has been active in the community promoting the field of engineering among our youth! We have hosted in-house events, attended career days and provided interactive presentations and activities to encourage middle and high-school students to consider engineering as a future career path. Last year alone EAC



Career Day Hands-On Activities

staff visited with students at Miami Jackson Senior High School, South Dade Middle School, participated in Construction Career Days of South Florida and hosted students at our Orlando office.

EAC commends members of our staff for actively participating in these student outreach activities. Championing these efforts are **Patricia Natter, Tracy Cockburn, Rodney Devera, Darren Dyer, Greg Mendez, Shari Ramirez, Snehal Ambare, Javier Chacin, Wanda Cordoba and Mike Adeife**.

Staff Announcements

The firm continues to develop and grow through the addition of senior personnel and the expertise and experience that they bring. Featured below are senior staff that are valuable additions to the firm:



Ramon Borges, P.E. – ITS/Tolling Integration

As an Intelligent Transportation Systems Engineer, Ramon has more than 16 years of experience in electrical engineering and has provided ITS engineering services as well as highway lighting and signalization to Miami-Dade Expressway Authority (MDX) and FDOT. Some of his more recent accomplishments include the management of Open Road Tolling deployments on SR-836 new toll facilities; construction project management for MDX's system wide signage and lighting improvements and the deployment of an Advanced Traffic Management System along SR-112, SR-874, SR-878 and SR-924.

Christopher Bucknor, P.E. - Program Director for the MDX Construction Program GEC Contract and Director of Program Management

Chris has 20 years of experience in design, analysis, planning, development of specifications, and construction supervision of various types of transportation projects ranging from roadway to transit. He most recently served as Deputy Program Manager responsible for overseeing the development of Miami-Dade Transit's (MDT's) Orange Line Metrorail Extension Program. Prior to his MDT assignment he was the Deputy Project Manager and Construction Manager for the project management team for the South Florida Regional Transportation Authority's Double Track Corridor Improvement Program, Segment 5 Project.



Errol F. Taylor, P.E. – Systems Services Manager

Errol is a transit and rail professional with over 21 years of experience in planning, engineering and construction tasks that include alternative analysis, railway systems planning, design, installation, testing, project management and contract administration for heavy rail, commuter railroad, light rail transit, bus, and high-speed rail systems in large transit programs nationally. Some of his transit experience includes MDT, Washington Metropolitan Area Transit Authority (WMATA), San Francisco Bay Area Rapid Transit District (BART) and Los Angeles County Metropolitan Transportation Authority (LACMTA).

Truong Trinh, P.E. – Highway Lead Engineer, Orlando

With more than 10 years of engineering experience in transportation, Truong is EAC's newest addition to the Orlando office and will lead our highway design efforts in the region. He has extensive highway design experience for local clients that include Florida's Turnpike Enterprise, OOCEA, FDOT Districts 1, 5, Lake County and Osceola County.

