

John Bolton, PE
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Mr. John Bolton, PE has been working in the design and construction engineering and inspection (CEI) of major roadway, bridge, airport, and civil engineering industry since 1986. He has vast experience working on projects for the Florida Department of Transportation (FDOT) District 6, the Miami Dade Expressway Authority (MDX) and the Miami-Dade County Public Works Department. His recent contract for FDOT, the Bridge Rehabilitation Grouping, was awarded the 2020 FTBA Best in Construction for Bridges. Previous projects have been awarded the 2019 ACEC-FL/FDOT Outstanding Roadway Project and the 2015 FTBA Best in Urban Construction.

Education:

Masters of Science in Civil Engineering from the University of California at Berkeley

Bachelors of Science in Civil Engineering from Tulane University

License:

Professional Engineer, State of Florida, #41828

Certified General Contractor, Florida, #CGC055929

Relevant Project Experience:

2018 – Present: Sr. Project Engineer for the Bridge Rehabilitation Grouping in Miami-Dade County, Florida for FDOT District 6. This contract focuses on enhancing and extending the life of deteriorated bridges within the county. He recently completed the rehabilitation of the Brickell Ave Drawbridge, Sunny Isles Drawbridge, and the NE 79th St East and West Drawbridges. Another project in this grouping included the MacArthur Causeway East Bridge (#870077) from Terminal Island to Alton Road. The project scope included repairing concrete elements under the bridge such as beams, columns, painting bridge steel spans, repairing the fender system and electrical components to the navigational bridge lighting.

2015 – 2018: Sr. Project Engineer for the SR 7 Grouping CEI Services for FDOT District 6. This contract included two projects. The North Project included the resurfacing of SR 7 from 36th Street to 78th Street, ADA and drainage improvements, along with removing the existing 8" concrete pavement from the center of the roadway. The South Project included a complete reconstruction of 2.1 miles of roadway within the City of Miami's urban epicenter, SR 7 from NW 8th Street to NW 36th Street. This work took place while maintaining services to all businesses along the corridor. Because SR 7 (US 441)/NW 7th Avenue was often used to relieve congestion on I-95, the project completion was accelerated prior to I-395 reconstruction. The scope included lighting and signalization, drainage, curb and gutter, signing and pavement markings, **and water and sewer replacement via a Joint Participation Agreement with Miami's WASD.** This project was awarded the 2019 ACEC-FL/FDOT Outstanding Roadway Project.

2013 – 2015: Sr. Project Engineer for the Miami Beach Alton Road and Collins Ave reconstruction. This contract was for the reconstruction, drainage, and overall improvements to one of Miami Beach's primary tourist destination areas. The project included simultaneous construction activity of Alton Road and Collins Avenue from 5th to 16th Street. The improvements to Collins Avenue consisted of milling, resurfacing, overbuild, sidewalk replacement, drainage improvements, signalization, lighting, and landscaping. The improvements to Alton Road consisted of drainage including three drainage pump stations, roadway reconstruction, geogrid placement, **replacement of the water and sewer**, signalization, lighting, bridge improvements, and landscaping. The significant challenge was minimizing the impact to the local business community and traveling public while maintaining a safe transportation thoroughfare. This contract was awarded the 2015 FTBA Best in Urban Construction.

2011 – 2013: Sr. Project Engineer for the SR 874 Mainline Reconstruction in Miami, Florida for MDX. The project included capacity improvements to the SR 874 mainline by adding one lane in each direction from Kendall Drive to SR 826. The improvements also included bridge widening at Snapper Creek Canal (C-2 canal), Galloway Road (SW 87th Avenue), Sunset Drive (SW 72nd Avenue), Miller Drive (SW 56th Avenue), retaining walls, shoulder/retaining wall mounted, and ground mounted noise walls, drainage, milling and resurfacing, signing, and pavement marking.

2007 – 2011: Sr. Project Engineer for the CEI Consultant Residency for FDOT District 6. There were up to 12 active projects that were managed by the CEI Residency at one time, including fast response push button contracts. One project was the NE 79th Avenue Street Causeway Bridge Rehabilitation (FM # 415060-2-5201), which included the repair of 4 low level post-tensioned flat slab bridges at North Bay Village. Another project was the I-95 Bridge Repairs from NW 8th Street to SW 8th Street (FM #423036-2-5201), which included extensive structural repairs to steel and concrete superstructure elements and spall repairs to columns and sub structure of the I-95 NB and SB bridges along with the SB ramp over the Miami River.

2004 – 2007: Sr. Project Engineer for the SR 826 at NW 36th Street in Miami, Florida for FDOT District 6. This project included the complete reconstruction of the interchange. The mainline SR 826 Bridge over NW 36th Street was replaced with 2 single span 175 ft structural steel girder bridges.

1986 – 2004:

- Sr. Project Engineer, Midfield Expansion MIA
- Project Engineer, Bayside Bridge over Tampa Bay
- Bridge Design Engineer