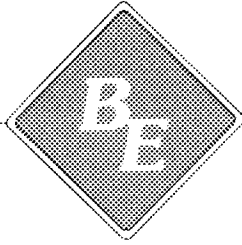


DARREN P. BRANDES, P.E.

1311 N. Westshore Blvd. ♦ Suite 316 ♦ Tampa, FL 33607
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- Present Position** Owner and President of Brandes Engineering, Inc.
- Experience Summary** OVER 15 YEARS OF EXPERIENCE IN CEI, BRIDGE INSPECTION, ROADWAY DESIGN, TCP DESIGN, CONSTRUCTABILITY REVIEWS AND DESIGN/BUILD
- Registration** Professional Engineer in Florida, No. 53982
- Education** BSCE, University of South Florida
- Memberships** Member of the Disputes Review Board Foundation
Member of the Florida Engineering Society
Member of the Florida Institute of Consulting Engineers
Member of the American Consulting Engineers Council
- Constructability Review**
- ♦ **Districtwide Constructability Review** -- FDOT District 6 (1993)
Role on project: Engineer
 - Reviewed highway & bridge plans throughout District 6 to identify constructability-related issues.
 - ♦ **Consultant CEI Constructability Reviews** -- Various CEI consultants (1990–Current)
Role on project: Engineer
 - Provide constructability reviews for a number of established CEI consultants prior to and during construction projects.
 - ♦ **Contractor CEI Constructability Reviews** -- Various contractors (1990 -- Current)
Role on project: Engineer
 - Provide constructability reviews for a number of contractors on highway and bridge projects typically over 10 million dollars.
- CEI Experience**
- ♦ **Districtwide Pushbutton Bridge Repair CEI** -- FDOT District 7 (1999-Current)
Role on project: Project Engineer on numerous Bridge Repair projects throughout District 7.
 - ♦ **Boy Scout Boulevard** -- FDOT District 7 / City of Tampa (1989 – 1990)
Role on project: Project Engineer / Senior Inspector
 - ♦ **Dale Mabry Highway** -- FDOT District 7 (1987 -- 1989)
Role on project: Senior Inspector
 - ♦ **Himes Avenue** -- City of Tampa (1989)
Role on project: Senior Inspector



Bridge Inspection

- ◆ **Bridge Maintenance Inspection Program** – District 1 (1986-1987)

Role on project: Bridge Inspector

- Inspected bridges throughout District 1 (prior to the District 1/7 split) as part of the bridge maintenance inspection program.

TCP

Design Experience

- ◆ **Interstate 4, (I-75 to McIntosh Rd.)** – FDOT District 7 / Cone Corporation (1996)

Role on project: TCP Design Engineer

- 3.5 mile Interstate reconstruction in addition to two interchanges.
- Redesigned the Traffic Control Plan for the contractor as part of a VECP.
- Applied an innovative temporary drainage design to reduce TCP costs by over 2 million dollars from a 40 million-dollar project.
- Voted 1999 outstanding interstate project by the FTBA.

- ◆ **US41, Naples** – FDOT District 1 / APAC-Florida, Inc. (1999 – 2000)

Role on project: TCP Design Engineer

- 10 kilometer arterial reconstruction.
- Redesigned the Traffic Control Plan for the Contractor over two projects.
- Reduced the TCP phasing from seven to as little as three phases.

- ◆ **Immokalee Road** – Collier County / APAC-Florida, Inc. (2000 – Current)

Role on project: TCP Design Engineer. Developed Traffic Control Plan.

- ◆ **Golden Gate Boulevard** – Collier County / APAC-Florida, Inc. (2000 – Current)

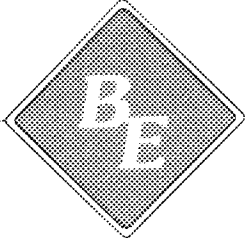
Role on project: TCP Design Engineer. Developed Traffic Control Plan.

- ◆ **Traffic Control Plan Design – Various Projects (1989 – 1999)**

Role on project: TCP Design Engineer. Designed complete Traffic Control Plans for:

- **Interstate 4, (50th St. to I-75)** – FDOT District 7, Tampa
- **SR 826 (Palmetto Expressway)** – FDOT District 6, Miami
- **Crosstown Connector** – FDOT District 7, Hillsborough Expressway Authority, Tampa.
- **Lee Roy Selmon Expressway Priority Repairs** – FDOT District 7, Tampa.
- **Polk Parkway** – FDOT Turnpike District, Polk County.
- **Veteran's Expressway** – Florida's Turnpike, Tampa.
- **Homestead Extension to Florida's Turnpike** – FDOT Turnpike District, South Florida.
- **Buncess Pass** – FDOT District 7, St. Petersburg.
- **Atlantic Boulevard** – Duval County, Jacksonville.
- **SR436, Semoran Boulevard** – FDOT District 5, Orlando.
- **US41 in Hillsborough County** – FDOT District 7, Tampa
- **SR699 (Blind Pass)** – FDOT District 7, Pinellas County.
- **Interstate 4 from 50th St. to I-75** – FDOT District 7, Tampa
- **SR61** – FDOT District 2, Tallahassee.
- **US1 (Roosevelt Blvd.)** – FDOT District 6, Key West.

Nmerous other TCP & roadway design projects, totaling over 40 projects.



**Roadway /Utility
Design Experience**

- ◆ **CR574 / Lakewood Ave.** – Hillsborough County, Florida (1997–1999)

Role on project: Project Engineer.

- Provided the roadway and utility plan design for the reconstruction of a 5-lane urban highway with a railroad crossing at a signalized intersection and a congested utility corridor.
- Provided utility relocation design and details for proposed water mains, sanitary sewer force mains, underground fiber optic telephone and underground cable TV. Coordinated with the owners for the relocation of gas pipelines.

- ◆ **Nadd Shabib Sector Project** – Dubai Municipality, United Arab Emirates (1996-1997)

Role on project: Project Manager / Engineer

- Developed the Preliminary Study and complete contract plans for a commercial / residential subdivision designed for a population of 50,000.
- The Preliminary Study included a complete traffic study to determine classes of roadways and methods of traffic control at intersections.
- Contract Plan design based on AASHTO included over 80 kilometers of 2-lane residential to 6-lane divided roadways, 6 signalized intersections and 27 roundabouts. Also designed were signalization plans, Signing & Marking plans and complete utility plans as needed for the entire infrastructure of the community.

- ◆ **Jebel Ali Free Zone** – Dubai Municipality, United Arab Emirates (1996-1997)

Role on project: Project Manager / Engineer

- Developed the Preliminary Study and complete contract plans for an industrial zone.
- Contract Plan design based on AASHTO included over 50 kilometers of roadways, 3 signalized intersections and 20 roundabouts.
- Provided relocation designs for two oil pipelines, one jet fuel pipeline, electric transmission lines and all proposed utilities required within the proposed infrastructure.

Design/Build

- ◆ **Sanitary Sewer Rehabilitation** – Cutler Ridge Mall, Miami (2000)

Role on project: Project Manager

- Provided the engineering and coordinated the efforts to replace and repair the sanitary sewer main beneath the Cutler Ridge Mall.