

Norman J. Trebilcock, AICP, PE, PTOE

President, Trebilcock Consulting Solutions, PA



Mr. Trebilcock specializes in transportation engineering. His professional experience includes highway design; signalization; utility relocation; drainage design; street and site lighting; access management; and permitting projects. He prepares and reviews traffic impact statements and related reports. He has attended numerous transportation seminars, and held leadership positions on many transportation-related task forces and in professional societies. Mr. Trebilcock served as the first Public Works Director for the City of Marco Island (1998-2000). As Public Works Director, he successfully transferred services within 30 days from Collier County Government (i.e., parks and recreation, streets and drainage, bridges, waterways, land development permitting, and beautification); developed master plans and multi-year capital improvement programs for Public Works; secured the city's first stormwater quality improvement grant from the South Florida Water Management District (SFWMD); and established successful privatization program for efficient delivery of services.

Representative Project Experience

- **Old 41 Downtown Improvements Design-Build; City of Bonita Springs, FL.** Reconstruction of Old 41 as a complete street with sidewalks, bike lanes, narrow median, and two roundabouts (in coordination with Michael Wallwork) as part of the design build team. Provided emergency signal, street lighting, signing/markings, traffic control and decorative banner arm design services.
- **Fifth Ave South & Third Avenue South Signal Design-Build; City of Naples, FL.** Prepared the decorative mast arm signal design for this downtown intersection as part of a design build project.
- **Estero Parkway Design; Village of Estero, FL** – Improvements to this 4-lane suburban section roadway from US 41 to Three Oaks Parkway as the Village's first roadway improvement project. TCS was responsible for data collection and analyzed intersections in coordination with roundabout engineer (Michael Wallwork). Prepared Access Management/Design Criteria Report; street lighting plan; signing and marking plan; Traffic Control Plan; speed zoning analysis; and signal warrant analysis study.
- **Rattlesnake Hammock Road (CR 864) East of Collier Blvd; Collier County, FL** – The project was a 1-mile reconstruction converting an existing 2-lane rural section to a 4-lane urban section with on street bike lanes and sidewalks. Project also included construction of a bridge just east of the intersection with Collier Blvd. Traffic operations design included signing; pavement marking; channelization; lighting; and signalization. TCS worked with different consultants on this corridor and was responsible for varying tasks to include intersection grading, signal modifications, signing/markings, coordination with the bridge construction, and SFWMD permitting at the Rattlesnake Hammock Rd/Collier Blvd intersection. East of Collier Blvd, tasks included: working with staff to adopt a speed limit resolution for roadway (CC Resolution 2013-256); updated the access management plan (Resolution 2013-257); street lighting; signing/markings plans; and pavement design. The roadway terminates at Hacienda Blvd (aka Benfield Rd), which TCS prepared a Design Criteria Report for and prepared street lighting as well as signing/markings plans. Hacienda Blvd is a future parallel reliever facility to Collier Blvd (1.5 miles of the 20 mile corridor runs within Hacienda Lakes PUD).
- Provided technical expertise for transportation issues affecting land development projects including Ave Maria SRA, Mediterra PUD, Pelican Marsh PUD, Lely PUD, Pelican Bay PUD and Grey Oaks PUD. Prepared more than **350 Traffic Impact Statements** for residential, commercial, and public projects.
- Designed **street lighting systems** for Arborwood CDD, Woodlands CDD, Airport-Pulling Road, Golden Gate Parkway, Goodlette-Frank Rd, and Vanderbilt Beach Road. Completed over **350 site lighting projects**—commercial and residential.
- Designed **intersection signalization systems for 40 locations** in Southwest Florida, including mast arm and concrete strain pole installations.
- **FDOT Access permits** for many locations including Pelican Bay, Creekside Blvd, Price Plaza, Naples South Plaza, Moorings Plaza, Fronterra, and Pelican Marsh PUD.
- Prepared **speed studies, traffic calming, design criteria and traffic monitoring for more than 35 project locations**—residential commercial and public sites.
- Prepared **parking studies and parking needs analyses for more than 25 locations**—residential, commercial, and public sites.

Length of Experience

1990 – Present

Education

- University of Florida
Master of Eng. in Public Works, 1989
- University of Miami
B.S. in Civil Engineering, 1988
- US Army Engineering School
Engineer Officer Basic Course, 1988

Licenses / Certifications

- Professional Engineer, Florida #47116
- Certified Planner, American Institute of Certified Planners
- Professional Traffic Operations Engineer Certification #4885
- Certification, FDOT Advanced Work Zone Traffic Control

The firm is registered by the Florida Department of Transportation (FDOT) and South Florida Water Management District (SFWMD) as a Small Business Enterprise (SBE).

Affiliations

- American Planning Association
- American Institute of Certified Planners
- American Society of Civil Engineers
- Florida Engineering Society, Calusa Chapter (Past President)
- Institute of Transportation Engineers
- Illuminating Engineering Society
- Society of American Military Engineers

FDOT Pre-qualifications

Group 3	Highway Design - Roadway
3.1	Minor Highway Design
Group 6	Traffic Engineering & Operations Studies
6.1	Traffic Engineering Studies
6.2	Traffic Signal Timing
Group 7	Traffic Operations Design
7.1	Signing, Pavement Marking & Channelization
7.2	Lighting
7.3	Signalization
Group 10	Construction Engineering Inspection
10.1	Roadway Construction Engineering Inspection
Group 13	Planning
13.4	Systems Planning
13.5	Subarea/Corridor Planning
13.6	Land Planning/Engineering

