

## PATRICIA M. BARR, PE

### Senior Traffic Engineer/Project Manager



#### REGISTRATIONS

**Professional Engineer**

Florida – Reg. #56925

**FDOT – Level 11 Traffic Safety**

**IMSA – Work Zone Safety**

**MOT/TTC – Certification**

#### EDUCATION

**BS, Civil Engineering**, Duke University, 1990

#### AFFILIATIONS

American Society of Highway Engineers

American Society of Civil Engineers

FICE – Transportation Committee, 2010 – 2011

Florida Engineering Society

#### OFFICE LOCATION

**Simmons & White, Inc.**  
2581 Metrocentre Boulevard West  
Suite 3  
West Palm Beach, FL 33407  
**Years of Experience: 31**

Ms. Barr has 31 years of transportation design experience, with 10 years in West Palm Beach with the firm, Simmons & White, Inc. As a Senior Traffic Engineer and Project Manager, her extensive experience includes transportation engineering and civil site improvements for both public and private clients.

Her areas of expertise include: major and minor roadway widening; new roadway design; temporary traffic control plans (formally MOT); LAP-funded projects; traffic signal design; signing and pavement marking; roundabout design; corridor studies; electronic delivery of bid documents; resurfacing, safety and bridge projects for the Florida Department of Transportation; intersection improvement; preparation of requests for proposals; specification writing; permitting; mast arm and strain pole structural analysis; signal timing; utility coordination and design; ATMS design-build; post-design construction services; traffic calming analysis and design; traffic warrant, stop sign warrant, and intersection operational studies, and quality control/quality assurance implementation. Ms. Barr has managed numerous projects from inception to completion, working with all involved parties – clients, elected officials, regulatory agencies, attorneys, funding agencies, sub-consultants, construction contractors, and the public.

#### RELEVANT EXPERIENCE

Palm Beach County Traffic Signal Annual Consultant Project Manager (12 years)  
Seminole Pratt Whitney Temp. Traffic Control Plans, City of Westlake, FL  
Valencia Bay Signalization, City of Delray Beach, FL  
Parkland Charter School Zone Flashers, City of Parkland, FL  
Sheridan Avenue Publix Access Signalization, Broward County, FL  
Multi-Use Trail on Okeechobee Boulevard, Town of Loxahatchee Groves, FL  
Roundabout on Okeechobee Boulevard, Town of Loxahatchee Groves, FL  
A1A Pedestrian Flashers (24 Locations; LAP-Funded), Palm Beach County, FL  
Temporary Signalization Valencia Bay, City of Delray Beach, FL  
Cabernet Drive at SR-7 Signalization, City of Delray Beach, FL  
Wellington Equestrian Crossing, Village of Wellington, FL  
Silver Beach Road at Avenue S Signalization, City of Riviera Beach, FL  
Westlake Signalization on Seminole Pratt-Whitney Road (7 Signals)  
Hypoluxo Road at Military Trail Signalization, City of Lake Worth, FL  
Royal Palm Beach School Flashers, Village of Royal Palm Beach, FL  
Hagen Ranch Road at Polo Trace Signalization, City of Boynton Beach, FL  
Golden Crescent Drive/Appalachian Ridge Rd at Lyons Rd, City of Delray Beach, FL  
66<sup>th</sup> Avenue at 53<sup>rd</sup> Road, Indian River County, FL  
Manheim Drive/Weisman Way at Sainsbury's Way Signalization, West Palm Beach, FL  
Northlake Boulevard at Ancient Tree Drive Signalization, Palm Beach Gardens, FL  
910 Ocean Drive Tunnel, Town of Palm Beach, FL  
Fire Station #40 Emergency Signals, Palm Beach County, FL  
Plumosa School of the Arts Entrance, City of Delray Beach, FL  
Donald Ross Road Signalization (3 locations), Palm Beach County, FL  
1520 S Ocean Boulevard MOT Plans, Palm Beach, FL  
Northlake Boulevard and Military Trail Signalization, North Palm Beach, FL

RELEVANT EXPERIENCE (continued)

Lake Worth Road and Jog Road Signalization, Lake Worth, FL  
Haverhill Boulevard Signalization (5 Signals), Palm Beach County, FL  
Spring Training Facility Signalization, Palm Beach County, FL  
Linton Boulevard and Military Trail Signalization, Palm Beach County, FL  
SW 18<sup>th</sup> Street at Old Dixie Highway Pedestrian Improvements, Boca Raton, FL  
PGA Boulevard at Military Trail Signalization, Palm Beach Gardens, FL  
Southern Boulevard and Kirk Road Signalization, West Palm Beach, FL  
SR-858/Hallandale Beach Boulevard from Lake Shore Drive to Dixie Highway, FDOT  
Tequesta Drive Bridge Replacement, Village of Tequesta/FDOT D4  
SR-5/US-1 RRR Project (7.5 miles in Indian River County), FDOT D4  
SR-814/Atlantic Boulevard from Dixie Highway to NE 3<sup>rd</sup> Avenue (Safety), FDOT D4  
Okeechobee Boulevard at Tamarind Avenue Intersection, Palm Beach County, FL  
Crestwood Boulevard Charter School Signalization, Royal Palm Beach, FL  
Britt Road and US Highway One Signalization, Martin County, FL  
Lake Worth Road and Jog Road Intersection, Palm Beach County, FL  
10<sup>th</sup> Avenue North and Military Trail Intersection, Palm Beach County, FL  
SR-60 at 43<sup>rd</sup> Avenue, Indian River County  
SR-76/Kanner Highway at US Highway 1, Martin County  
SW Monterey Road at Jack James Drive, Martin County  
Martin County ATMS Interconnect (Multiple projects), Martin County  
Jensen Beach Boulevard at Royal Oak Drive Signalization, Martin County  
Blue Heron Boulevard at Congress Avenue, Palm Beach County  
Boynton Beach Boulevard at Acme Dairy Road School Signal, GL Homes  
Toney Penna Drive at Old Dixie Highway, Palm Beach County  
A1A at Admirals Cove Signalization, Palm Beach County  
Peacock Boulevard SAD, City of Port St. Lucie  
Crosstown Parkway, City of Port St. Lucie  
Hagen Ranch Road at Boynton Beach Boulevard Signalization, Palm Beach County  
Village Parkway, City of Port St. Lucie  
66<sup>th</sup> Avenue, Indian River County  
SE Communities Neighborhood Traffic Calming, City of Deerfield Beach  
Fort Myers Traffic Calming Plan (Five Wards), City of Fort Myers