



Ms. Barr has 33 years of transportation design experience, with 13 years in West Palm Beach with the firm Simmons & White, Inc. As a Senior Traffic Engineer, her extensive experience includes transportation engineering and civil site improvements for both public and private clients.

Her areas of expertise include: Traffic signal design; Palm Beach County Right-of-Way permitting; FDOT construction agreements; major and minor roadway widening; new roadway design; temporary traffic control plans (formally MOT); LAP-funded projects; signing and pavement marking; roundabout design; 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 (15 years)
- Ballpark of the Palm Beaches Traffic Signal, Palm Beach County, FL
- A1A Pedestrian Flashers (24 Locations; LAP-Funded), Palm Beach County, FL
- Cabernet Drive at SR-7 Signalization, City of Delray Beach, FL
- Boynton Beach Senior Center Pedestrian Crossing, City of Boynton Beach, FL
- Hypoluxo Road at Military Trail Signalization, Palm Beach County, FL
- Seminole Pratt Whitney Temp. Traffic Control Plans, City of Westlake, FL
- Royal Palm Beach School Flashers, Village of Royal Palm Beach, FL
- Lyons Road at Dr. Joaquin Garcia High School Entrance, Palm Beach County, FL
- Ancient Tree on Northlake Boulevard, Palm Beach Gardens, 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
- Temporary Signalization Valencia Bay, City of Delray Beach, FL
- Wellington Equestrian Crossing, Village of Wellington, FL
- Silver Beach Road at Avenue S Signalization, City of Riviera Beach, FL
- Seminole Pratt-Whitney Road Signalization (7 Signals), Westlake, 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
- 66th Avenue at 53rd Road, Indian River County, FL
- Manheim Drive/Weisman Way at Sainsbury's Way Signalization, West Palm Beach, 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

PATRICIA M. BARR, P.E.

Senior Traffic
Engineer

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

America Society of Civil
Engineers

FICE – Transportation
Committee, 2010-11

Florida Engineering
Society

OFFICE LOCATION

2581 Metrocentre Blvd
West, Ste 3
West Palm Beach, FL 33407
P: 561.478.7848
simmonsandwhite.com

Years of Experience: 33

PATRICIA M.

BARR, P.E.

Senior Traffic
Engineer

RELEVANT EXPERIENCE CONT'D

- 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
- Lake Worth Road and Jog Road Signalization, Lake Worth, FL
- Spring Training Facility Signalization, Palm Beach County, FL
- Linton Boulevard and Military Trail Signalization, Palm Beach County, FL
- SW 18th 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 3rd 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
- 10th Avenue North and Military Trail Intersection, Palm Beach County, FL
- SR-60 at 43rd Avenue, Indian River County
- SR-76/Kanner Highway at US Highway 1, Martin County, FL
- SW Monterey Road at Jack James Drive, Martin County, FL
- Martin County ATMS Interconnect (Multiple projects), Martin County, FL
- Jensen Beach Boulevard at Royal Oak Drive Signalization, Martin County, FL
- Blue Heron Boulevard at Congress Avenue, Palm Beach County, FL
- Boynton Beach Boulevard at Acme Dairy Road School Signal, GL Homes
- Toney Penna Drive at Old Dixie Highway, Palm Beach County, FL
- A1A at Admirals Cove Signalization, Palm Beach County, FL
- Peacock Boulevard SAD, City of Port St. Lucie, FL
- Crosstown Parkway, City of Port St. Lucie, FL
- Hagen Ranch Road at Boynton Beach Boulevard Signalization, Palm Beach County, FL
- Village Parkway, City of Port St. Lucie, FL
- 66th Avenue, Indian River County, FL
- SE Communities Neighborhood Traffic Calming, City of Deerfield Beach, FL
- Fort Myers Traffic Calming Plan (Five Wards), City of Fort Myers, FL