

PATRICIA M. BARR, PE

Senior Traffic Engineer/Project Manager



REGISTRATIONS

Professional Engineer

Florida – Reg. #56925

FDOT – Level 11 Traffic Safety

IMSA – Work Zone Safety

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: 28

Ms. Barr has 28 years of transportation design experience, with 7 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; resurfacing, safety and bridge projects for the Florida Department of Transportation; intersection improvement; traffic signal design; signing and pavement marking; roundabout design; corridor studies; electronic delivery of bid documents; maintenance of traffic; 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 (8 years)
1520 S Ocean Boulevard MOT Plans, Palm Beach, FL
Off-Lease Only Signalization, Palm Springs, FL
Holy Spirit Church Access, Lantana, FL
Northlake Boulevard and Military Trail Signalization, North Palm Beach, FL
Lake Worth Road and Jog Road Signalization, Lake Worth, FL
SLAM Charter School on Summit Boulevard, Palm Beach County, FL
Westlake Signalization on Seminole Pratt-Whitney Road (7 Signals)
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
Lyons Road at SW 18th Street Signalization, Palm Beach County, FL
Blue Mountain Ave and Lyons Road Signalization, Delray Beach, FL
SW 18th Street at Old Dixie Highway Pedestrian Improvements, Boca Raton, FL
Seven Bridges Entrance on Lyons Road Signalization, Delray Beach, FL
Central Boulevard and Hood Road Signalization, Palm Beach County, 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-858/Hallandale Beach Boulevard from Dixie Highway to US-1, FDOT D4
SR-858/Hallandale Beach Boulevard from US-1 to Three Islands, 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
Pines Boulevard Charter School Signalization, Pembroke Pines, FL
Crestwood Boulevard Charter School Signalization, Royal Palm Beach, FL
Tamarac Charter School Zone Flasher, Tamarac, FL
Somerset Charter School Signalization, Boynton Beach, FL

RELEVANT EXPERIENCE (continued)

Britt Road and US Highway One Signalization, Martin County, FL
Atlantic Commons Signalization, Delray Beach, 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-60 at 27th Avenue, FDOT D4
SR-76/Kanner Highway at US Highway 1, Martin County
US Highway 1 at Britt Road, 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
Boynton Beach Boulevard at Lyons Road, GL Homes
Toney Penna Drive at Old Dixie Highway, Palm Beach County
Forest Hill Boulevard at Quercus Lane, Village of Wellington
Suncoast High School Signals, BRPH Architects, Inc.
Gateway Boulevard at Quantum Boulevard, City of Boynton Beach
Okeechobee Boulevard at Tamarind Avenue, Palm Beach County
Military Trail at Burns Road, Palm Beach County
SR-7 over the C-51 Canal, Palm Beach County
Fire Station No. 56, Palm Beach County
Red Road Signalization, Sunbeam Properties
60th Street at 43rd Avenue Signalization, Indian River County
Alternate A1A from Frederick Small Road to Toney Penna Drive, Palm Beach County
A1A at Admirals Cove Signalization, Palm Beach County
Peacock Boulevard SAD, City of Port St. Lucie
Donald Ross Signalization (3 signals), NPBCID
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
Community Boulevard, City of Port St. Lucie
66th Avenue, Indian River County
43rd Avenue, Indian River County
US-1 at Heritage Signal Design and Permitting, MI Homes
Floresta Drive Corridor Study, City of Port St. Lucie
Indian River Drive Corridor Study and Signal Design, Gee & Jensen
Mizner Grand Roundabout, Mizner Grand Hotel
Paradise Point Neighborhood Traffic Calming, City of Deerfield Beach
Pioneer Park Neighborhood Traffic Calming, City of Deerfield Beach
SE Communities Neighborhood Traffic Calming, City of Deerfield Beach
Fort Myers Traffic Calming Plan (Five Wards), City of Fort Myers