

INDIAN RIVER COUNTY APPLICATION  
FOR COMMITTEE APPOINTMENT

Name: Joseph W. Schulke, P.E.

Date: 08/03/17

Full Name: Joseph W. Schulke, P.E.

Email Address: jschulke@sbsengineers.com

Street Address (No P.O. Boxes): 1717 Indian River Blvd, Suite 201, Vero Beach, FL 32960

Home Phone:

Work Phone: 772-770-9622

Cell Phone: 772-633-6046

How long have you been a resident of Indian River County? 38 years

Are you a full or part time resident? Check one: Full Time  Part Time

Please list current employer or business. If retired, please list any business experience that may be applicable to the committee.

Schulke, Bittle & Stoddard, LLC (Civil/Structural Engineering)

Please list any licenses you presently hold:

Professional Engineer; General Contractor

Please list any organization of which you are currently a member:

American Society of Civil Engineers  
LEED AP Certified, GBCI No. 10375123 (2009)

Please list any other committees or boards you currently sit on:

Continued on next page

Place a check mark next to the committee(s) you would like to serve on:

AFFORDABLE HOUSING ADVISORY COMMITTEE	<input type="checkbox"/>
AGRICULTURE ADVISORY COMMITTEE	<input type="checkbox"/>
BEACH & SHORE PRESERVATION ADVISORY COMMITTEE	<input type="checkbox"/>
CHILDREN'S SERVICES ADVISORY COMMITTEE	<input type="checkbox"/>
CODE ENFORCEMENT BOARD	<input type="checkbox"/>
COMMUNITY DEVELOPMENT BLOCK GRANT	<input type="checkbox"/>
CONSTRUCTION BOARD OF ADJUSTMENT & APPEALS	<input type="checkbox"/>
DEVELOPMENT REVIEW AND PERMIT PROCESS ADVISORY COMMITTEE	<input checked="" type="checkbox"/>
ECONOMIC DEVELOPMENT COUNCIL	<input type="checkbox"/>
ENVIRONMENTAL CONTROL HEARING BOARD	<input type="checkbox"/>
MPO BICYCLE ADVISORY COMMITTEE	<input type="checkbox"/>
MPO CITIZEN ADVISORY COMMITTEE	<input type="checkbox"/>
PLANNING & ZONING COMMISSION	<input type="checkbox"/>
SCHOOL PLANNING CITIZEN OVERSIGHT COMMITTEE	<input type="checkbox"/>
TOURIST DEVELOPMENT COUNCIL	<input type="checkbox"/>
TRANSPORTATION DISADVANTAGED LOCAL COORDINATING BOARD	<input type="checkbox"/>
TREASURE COAST REGIONAL PLANNING COUNCIL – COMPREHENSIVE ECONOMIC DEVELOPMENT STRATEGY	<input type="checkbox"/>

Please print and return the completed application, along with a current resume, to the Board of County Commission office, 1801 27th Street, Vero Beach, FL. 32960, or by fax at 772-770-5334. Please note: All applications are kept on file for 6 months.

**Print**

## Joseph W. Schulke, P.E.

### Managing Member & Civil Project Manager

Years Experience: 32

Years with Schulke, Bittle & Stoddard, LLC: 17

#### Education:

University of Miami  
Bachelor of Science in Civil Engineering 1989  
Bachelor of Science in Architectural Engineering 1989

#### Professional Registrations/ Memberships:

Florida Professional Engineer No.: 47048 (1993)  
Florida Certified Building Contractor No. CBC 050073 (1990)  
American Society of Civil Engineers  
LEED AP Certified, GBCI No. 10375123 (2009)

#### Experience:

Joseph W. Schulke, is a Professional Engineer licensed in the State of Florida. Mr. Schulke's experience began as a part time (summer employment) survey rod-man with Lloyd & Associates, Inc. of Vero Beach in 1985-86. In 1987, he began survey and engineering drafting. After graduating from the University of Miami (1989), Mr. Schulke started full time employment at McQueen & Associates, Inc. of Vero Beach as a Project Engineer. In 1993, he started work with Knight, McGuire & Associates of Vero Beach as a Project Engineer/Project Manager. In September of 2000, together with two associates, he started Schulke, Bittle & Stoddard, L.L.C.

Mr. Schulke has been the primary liaison and project manager on all of the firm's public sector projects and continuing service contracts with the City of Sebastian, Indian River County Department of Utility Services, COVB, and City of Port St. Lucie, in addition to managing numerous private development projects. This has provided an opportunity to amass significant experience with: the coordination of complex projects; general communication and contract negotiation with department heads of several Public Works/Utility Departments; and management of and practice in numerous civil disciplines within the firm; and management of numerous consultants in related disciplines outside the firm.

#### Representative Projects:

The following are several public and private development projects that require several engineering disciplines and demonstrate Mr. Schulke's experience in multiple civil engineering fields.

##### Civil Engineering

- Indian River County / Senior Resource Association Transit Facility: Design and permitting for 5,165 SF Administration and Operations Offices, 2,858 SF Vehicle Maintenance and Repair Facility, 75 + transit vehicle parking/storage and Site improvements for the 2.53 +/- acre site development area, "off-site" site improvements in 43rd Avenue, within the adjacent Supervisor of Elections site, Emergency Operations Center and IRC Road and Bridge Maintenance Complex sites.
- City of Sebastian Main St./Indian River Dr.: Re-alignment of Main Street and Indian River Drive; signal modifications at US 1 / Main Street; boat trailer and general parking; boat ramp modifications; park amenities; public restroom facility; pedestrian improvements; stormwater system; utility improvements and lift station; lighting and electrical systems.
- COVB Humiston Park: Combine stormwater/ERP requirements for the parking area improvements at Humiston Park with the stormwater improvements for COVB Ocean Drive commercial area (30 +/- acres) in a cost effective manner; implement underground exfiltration systems, pumping systems, reconstructed ocean outfall, and closed drainage pipe/inlet systems.
- City of Sebastian Fisherman's Landing Working Waterfront: Parking area, fish house and other ancillary structures, docks, decks, tree house
- Captain Butcher's Marina: Marina dredge and fill permitting; maintenance dredging of the marina, design and permitting of the mooring area for a barge. Permitting through FDEP (ERP and propriety authorization) and ACOE (federal permits).
- Modernage Commerical Redevelopment: Redevelop a 41,000 SF furniture store to a 37,000 SF mixed use commercial development; paving and parking area; FDOT driveway/access; water main extension; parking (ULI) evaluation; sidewalk construction; stormwater management system
- Christ the King Presbyterian Church: Site development for a 7,000 SF temporary sanctuary and 27,000 SF permanent facility; paving and parking; FDOT access, stormwater systems, landscaping, ¼ mi. water and sewer extensions; re-align and improve / pave 77<sup>th</sup> Street and York Road, and US 1 / 77<sup>th</sup> Street intersection improvements
- Walgreens / McDonalds, US 1/Prima Vista, St. Lucie County, FL: Site development of a 15,000 SF Walgreens and 4,000 SF McDonalds; paving, parking, FDOT access, stormwater and environmental/wetland mitigation, landscaping, and off-site design including: design initial leg of Prima Vista Boulevard, extending west from US1 - 4 lane Blvd. section; signal modifications at US 1 / Prima Vista; intersection improvements at US 1 / Prima Vista including turn lanes, sidewalk and drainage improvements
- 89<sup>th</sup> Street / 86<sup>th</sup> Avenue Public Roads - Re-Align Old Fellsmere Wabasso Road for Bluewater Bay PD: 1 mile subdivision collector road, 89<sup>th</sup> Street and 86<sup>th</sup> Avenue, located at CR510, near Treasure Coast Elementary and Sebastian River High School; two lane curbed urban section and sidewalks; intersection improvements at 89<sup>th</sup> Street/CR510 and 86<sup>th</sup> Avenue/CR510 - turn lanes on all approaches; stormwater system (SJRWMD); canal crossing - SRWCD Lateral "D"

The following public projects demonstrate Mr. Schulke's ability to provide engineering services for various types of water and sewer line projects where Mr. Schulke has been the primary liaison, project manager, and engineer of record:

##### Water & Sewer Line Work

- City of Sebastian Veterans' Memorial Lift Station
- Indian River County Continuing Services Contract
  - 74<sup>th</sup> Avenue Force Main: 2.5 mile sewer transmission force main
  - Bent Pine Lift Station: Modifications to two existing public lift stations and existing force mains; new pumps, controls, valve vault, and generators while keeping operational
  - 65<sup>th</sup> Street Sewer Force Main: 4,132 LF of 6" sewer force main

**Water & Sewer Line Work (Con't)**

- Master Plan Water Main – Vero Lake Estates: 24,930 LF (4.72 mi.) of 12” “backbone” water main, hydraulic analysis/model (WaterCad) of future water distribution grid/network to service all of Vero Lake Estates
- SR 60 Utility Conflicts – Phase II and Phase III: Modifications to existing water mains, sewer mains, and non-potable mains lying within SR 60 to avoid conflicts with FDPT paving and drainage improvements to SR 60 between 74<sup>th</sup> Ave. and 84<sup>th</sup> Ave.
- 37<sup>th</sup> Street Lift Station Rehabilitation: Modifications to an existing public lift station serving the hospital / medical node. Construct new wet well, new valve vault, convert existing wet well to manhole, and salvage electric while keeping pump station operational during re-construction.
- Brine Line Conversion to Potable Main – 77<sup>th</sup> Street: Develop a comprehensive cleaning and disinfection regimen to permit the conversion of 1,150 ft (+/-) of an ROWTP 16” brine discharge main to a potable water main.
- E. Shell Lane Gravity Sewer: Construction of a new 8” Gravity Sewer Collection System to serve the ten (10) home sites on East Shell Lane and provide stub-outs for future connections and extensions to serve other areas of the Summerplace Unit 1 Subdivision and other adjacent properties.
- College Lane Water Main Extension: Construction of approximately 1,841 LF of 16” PVC and 451 LF of 18” HDPE Master Planned Water Transmission Main located and constructed along College Lane, west of 58<sup>th</sup> Avenue.
- 53rd Street: Engineering design and permitting for the construction of new 12” Master Planned Water Main extensions on 53rd St. and Old Dixie Highway, and provide for the necessary utility modifications to existing water mains, sewer mains and non-potable re-use water mains lying within or adjacent to 53rd St. and Old Dixie Highway to avoid conflicts with IRC PW paving and drainage improvements to 53<sup>rd</sup> Street and Old Dixie Hwy. The work is being completed in conjunction with the IRC Public Works department’s proposed contract plans, “53rd St. Roadway Improvements”, “Phase I” and “Phase II”
- 16th Street & 66th Avenue Utility Extensions and Relocations: Construction Engineering and Inspection services for the construction of a new 12” and 16” Master Planned Water Main extension on 66th Ave, from SR60 to 16Th St., and on 16th St., from 66th Ave to 74th Ave (IRC project no. 9920), and the relocation of a portion of a 6” force main on 16th St.