



## Years of Relevant Experience

### Professional Licensure:

Licensed Professional Engineer in Florida, New York & Maryland

### Education:

BEng, Engineering, 1997  
MS, Construction Management  
New York University, New York  
2009

### Certifications:

Envision™ Sustainability Professional  
FDOT Advanced Maintenance of Traffic  
FDOT Asphalt Paving Level I & II  
FDOT Quality Control Manager  
FDOT Approved CTQP Test Administrator

### Memberships:

Florida Engineering Society  
Institute for Sustainable Infrastructure

### Volunteer Work:

Appointed Board Member, Miami-Dade County Shoreline Review Board

## Jake Ozyman, MSCM, PE, ENV SP

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Over the past 20 years, I successfully managed numerous infrastructure and roadway projects, understanding key stakeholder/agency needs and requirements, meeting those needs without compromising on project goals or client budgetary and schedule requirements. I always focused on project intent; understood constraints and opportunities; and worked collaboratively in a multi-disciplined environment.

My broad range of planning and design experience encompasses all facets of design and analysis for projects including water and sewer infrastructure, roadway, water resources, site/civil and land development. The quality of my work has allowed me to lead mega projects and forge solid relationships with key agencies whose approval is essential for the successful completion of the projects. In addition to engineering design expertise, I served as Engineer of Record on some of the most complex projects within the Metropolitan Area with specific experience in construction management of street infrastructure including water mains, sanitary and storm sewers with emphasis in project set-ups, management, record keeping, quality control, material testing, closeouts, problem solving, constructability reviews and estimating.

In addition to engineering design expertise, I have been serving as a District Engineer for Turtle Run Community Development District in the City of Coral Springs, and Coral Bay Community Development District in the City of Margate. In this capacity, my responsibilities included preparation of proposed engineering budgets for board review, preparing engineering drawings and specifications, contract negotiations, community appearance, stormwater management, and street lighting. I also attend bi-weekly board meetings, make presentations to the board and implement policies.

I am one of the first Envision™ credentialed professional that is trained to use the Envision™ rating system for sustainable infrastructure, and a big advocate in promoting resiliency in our physical infrastructure across the full dimensions of sustainability.

## Relevant Experience

**02/2016 to Present**

**Keith and Schnars, P.A., Fort Lauderdale, FL  
Director of Civil Engineering**

Director in charge for Keith and Schnars' strategic growth, operations, marketing and business development throughout Florida for Civil Engineering services. Responsibilities included primary client contact, scope development, as well as contract negotiations and strategic planning. In addition, served as District Engineer for Turtle Run and Coral Bay Community Development Districts, in charge of managing multi-million-dollar bond programs for neighborhood infrastructure improvements.

**02/2014 – 02/2016**

**HAKS Engineers, Architects, and Land Surveyors, PC, Miami Lakes, FL  
Assistant Vice President / Branch Manager**

Manager in charge of HAKS' newest branch in south Florida. Responsible to develop and enhance HAKS' strategic plan to create a solid presence in the south Florida market. Responsibilities included building and managing client relationships, preparing proposals, expressions of interest and other relevant documents related to bidding for work, providing technical support to the Civil and Construction Management teams, and managing subcontracted consultants where required.

**06/2011 – 02/2014**

**City of New York, Department of Environmental Protection, NY  
Section Chief, Bureau of Water and Sewer Operations**

Section Chief in charge of detailed review and progress of highly complex major hydraulic design and analysis of proposed projects within the five boroughs of the City of New York. Mentored and supervised a

staff of approximately 30 engineers and planners during the design and construction phase. Represented the agency in the meetings with other City and State agencies, consulting engineers and architects.

In charge of developing and directing a transformation of the overall approach to all Stormwater and Drainage initiatives as it pertains to the use of Green Infrastructure and modeling techniques. Developed and directed a work flow on moving forward the Bureau's priority projects through the Bureau, the Agency and other City Departments and develop best Management practices for design and review that incorporates current construction practices.

**11/1998– 06/2011**

**Henderson and Bodwell, LLP, Plainview, NY  
Design Engineer**

Specialized in transportation and water & sewer infrastructure improvements projects. I have been responsible for all phases of project development, including engineering design analyses, permitting, agency coordination and preparation of comprehensive contract documents for multi-disciplined engineering design projects. Engineer of Record for many capital improvement projects including roadways, culverts, complete streets, water and sewer infrastructure, stormwater drainage and green infrastructure, and water quality facilities.

## Detailed Project Experience

### **1. Wet Utilities**

**1.1 Norris Cut Sewer Outfall Tunnel, Miami-Dade County, FL:** Senior Project Engineer responsible of providing engineering services, and coordinating with permitting agencies regarding all of the ongoing permits for the design-build project that will replace the existing 54-inch sewer force main for a 60-inch force main. The project scope consists of the installation of a one-mile precast concrete segmental tunnel from the Virginia Key Central District Wastewater under Biscayne Bay Norris Cut Channel to Fisher Island. Project elements include planning, engineering, design, permitting, procurement, construction/installation testing and startup for the new 60-inch replacement force main. Construction Cost \$72 Million. *Client/Owner: Nicholson Construction/Miami-Dade County Water and Sewer Department*

**1.2 Victoria Park "A" (North) & "B" (South) Small Water Main Improvements, City of Fort Lauderdale, FL:** Project Manager/Engineer of Record - Mr. Ozyman was in charge of preparing design and construction documents for the installation of approximately 24,000 linear feet of 8" water main to replace aging 2" water mains within the City's residential neighborhoods north of NE 6th Street between NE 7th and NE 20th Avenues ("A" North), and 29,000 linear feet of 8" water main to replace existing undersized 2" water mains within the City's residential neighborhoods south of NE 6th Street between North Federal Highway and NE 17th Avenue. He prepared design documents for alignment, profile, service and hydrant connections, conflicts, existing utilities and sufficiency of details. He additionally supervised permitting, and provided construction administration services to the assist the City with the bidding process. Construction Cost \$6 Million. *Client/Owner: City of Fort Lauderdale*

**1.3 Wave Street Car Project, Design-Build Pursuit, FDOT District 4, Broward County, FL:** The Wave Streetcar, powered by overhead electric lines, will operate on embedded tracks in mixed traffic, sharing the traffic lane with other vehicles. Mr. Ozyman was in charge of preparing 30% water and sewer relocation plans in accordance with the design-build criteria as set forth by the FDOT. Mr. Ozyman implemented and used ProjectWise for the control of CADD files. *Client/Owner: Florida Department of Transportation District 4*

**1.4 Fire Suppression System Study, Bay Front Park, Homestead, FL:** Senior Project Engineer responsible of providing engineering services to evaluate the condition of the existing fire suppression system at Homestead Bayfront Park, and prepare alternatives that would be more reliable, reduce maintenance and operating costs, and require less cumbersome infrastructure. Prepared cost estimates for each alternative which included project costs and lifecycle costs. Construction Cost \$550k. *Client/Owner: Miami-Dade County Department of Parks*

**1.5 Construction of Large Diameter Wastewater Pipes, Willets Point, NY:** Chief Engineer - Mr. Ozyman was responsible of design review and approval of the contract plans on behalf of New York City Department of Environmental Protection (NYCDEP). Willet point is a 61-acre peninsula on the Flushing River in northern Queens, adjacent to Flushing Meadows-Corona Park and Citi Field. The New York City Economic Development Corporation (NYCEDC) had facilitated the redevelopment of this underutilized industrial area into a mixed-use development that will include retail, entertainment, hotels, a convention center, residential uses and public open spaces. New storm and sanitary sewer systems are being built in advance to support the new development. The new storm sewer system

includes a new outfall to Flushing Bay, a precast concrete box culvert, cast-in-place manhole chambers, and a tide gate chamber, all of which are built on piles. The project included construction of a 36-inch diameter sanitary sewer, as well as two subbed connections in 126th Street; one 24-inch and one 16-inch. 36-inch diameter pipe was supported with piles due to the condition of the subsurface. The work included deep excavation below groundwater levels, sheeting and shoring, pile driving, precast pipes, and box culverts, cast-in-place and chambers. Construction Cost \$30 Million. *Client/Owner: New York City Economic Development Corporation*

**1.6 Reconstruction of Mason Avenue Pump Station, Staten Island, NY:** Section Chief Engineer responsible of review and approval of the contract plans in behalf of New York City Department of Environmental Protection. The project involved reconstruction of the pump station that was damaged with salt water storm surge during the Hurricane Sandy. This reconstruction/upgrade tripled the existing capacity of from 4.6 MGD to 15.5 MGD. Construction Cost \$10 Million. *Client/Owner: New York City Department of Environmental Protection*

**1.7 Reconstruction of 78-inch Diameter Interceptor Sewer, Route 9A, New York, NY** Section Chief Engineer responsible of design review and approval of the contract plans in behalf of New York City Department of Environmental Protection. The project involved reconstruction of the 78" diameter interceptor sewer running north-south along the Route 9A. The additional loading caused by the additional seven feet of earth above the facility required further investigation and coordination. The design involved the installation of a smaller diversion pipe within the 78-inch sewer to accommodate the low flow while lining repairs would be made

with quick drying epoxy material. Additionally, six manhole chambers were rebuilt requiring the construction of two cofferdams. Construction Cost \$35 Million. *Client/Owner: New York City Department of Environmental Protection*

**1.8 Fulton Street Reconstruction, Replacement of Combined Sewers, Manhattan, NY** Section Chief Engineer responsible of design review and approval of the contract plans in behalf of New York City Department of Environmental Protection (NYCDEP). The project is replacing 800 feet of combined sewers 48 inches in diameter, manholes, and catch basins; 4,300 feet of 20- and 24-inch-diameter steel trunk water mains; rehabilitating and/or removing and replacing existing sanitary sewers 12 to 36 inches in diameter. Construction Cost \$28 Million. *Client/Owner: New York City Department of Environmental Protection*

**1.9 Various Storm and Sanitary Sewer Connections, Manhattan, Brooklyn, Queens, Bronx, and Staten Island, NY:** Section Chief in charge of review and approval of over twelve hundred (1,200) the storm and sanitary sewer connection proposals that are subject to new Title 15 of the Rules of the City of New York, in order to reduce total discharge into combined sewer systems and ultimately minimize combined sewer overflow into water bodies. He also guided Engineering and Architecture professionals for compliance requirements with the citywide effort to better manage storm water using a variety of innovative, sustainable green infrastructure. *Client/Owner: New York City Department of Environmental Protection*

**1.10 Various Drainage & Sewer Projects, Manhattan, Brooklyn, Queens, Bronx, and Staten Island, NY:** Section Chief in charge of detailed review and progress of highly complex major hydraulic design and analysis of proposed projects within the five boroughs of the City of New York including

designs of sewers, interceptors, and pump stations. Mentored and supervised a staff of approximately 30 engineers and planners during the design and construction phase. Responsible for developing and directing a transformation of the overall approach to all Storm water and Drainage initiatives as it pertains to the use of Green Infrastructure and modeling techniques. Developed and directed a work flow on moving forward the Bureau's priority projects through the Bureau, the Agency and other City Departments and develop best management practices for design and review that incorporates current construction practices. *Client/Owner: New York City Department of Environmental Protection*

## **2. Dry Utilities**

**2.1 Utility Undergrounding and Conversion, Collins Avenue/SR A1A, City of Sunny Isles Beach, FL:** Project Manager/Engineer of Record in charge of this design and construction of \$12 million - 5.1 miles of utility undergrounding and conversion program. This was one of the most visible project that the City undertook to date. The project was completed at night to cause the least amount of disruption. The project was originally scheduled to start in April 2016 and last 12 months. The first phase had a hard stop deadline of May 2017 due to an upcoming FDOT Resurfacing, Restoration, and Rehabilitation (RRR) project that was scheduled to start in June 2017. The first phase of the project included over 250,000 linear feet of conduit and 54 easements, and it was completed in mid-April 2017, ahead of schedule and on budget. *Client/Owner: City of Sunny Isles Beach*

**2.2 Utility Undergrounding and Conversion, Riviera Isles, Idlewyld, Seven Isles, and Las Olas Isles, City of Fort Lauderdale, FL:** Project Manager/Engineer of Record in charge of managing a \$7.5 million conversion of existing aerial utilities to

underground facilities. The scope of this work involved existing utility research, utility design coordination and consolidated design plans for the conduit installation of existing utility providers including FPL, ATT and Comcast. Reconfiguration of residential roadway profiles resulted in a need to relocate existing City utilities including fire hydrants and sanitary sewer lift station equipment. Landscape reconstruction was also a substantial part of this project. The project involved close collaboration with resident HOA representatives, City officials and FPL to facilitate equipment placement and energizing. The project also involved significant trenching along a very narrow right away and in an extremely sensitive neighborhood. Mr. Ozyman was key in effective public outreach and communication. *Client/Owner: City of Fort Lauderdale*

**2.3 Flamingo Road Powerline Relocation between West Sunrise Boulevard and Panther Parkway, City of Sunrise, FL:** Project Manager - Mr. Ozyman was in charge of managing relocation of existing overhead utility lines. The project is funded from the Sawgrass Parking Garage Bond to complete the design and construction. Responsibilities included overseeing the overall utility design and construction, act as a liaison between the city, FP&L, Comcast, and Fibernet to coordinate project details, timelines, phasing, limitations, responsibilities, and cost. *Client/Owner: City of Sunrise*

## **3. Transit Oriented Design**

**3.1 West Sunrise Transit Oriented Design (TOD) Infrastructure Program, City of Sunrise, FL:** Program Manager in charge of managing a multi-phase program. The scope of this Program consisted of three specific projects:

- a. Master planning of the TOD area defined as the Sawgrass Mills Mall area bounded by Flamingo Road on the east, Sunrise

Boulevard on the south, and Panther Parkway on the north and west.

- b. Design and construction administration of projects specifically identified the master plan, which contains:
- Vehicular, pedestrian, and bicycle access from the major arterials onto the nine entry roads on to the mall
  - Vehicular, pedestrian, and bicycle access from the nine entry roads onto Perimeter Road
  - Vehicular, pedestrian, and bicycle circulation on Perimeter Road and into existing and future outparcel developments
  - Additional traffic control and traffic calming devices
  - Public transportation into and around mall including the potential development of an intermodal transportation hub
  - Streetscape improvements to the three major arterials, nine entry roads, and perimeter road including drainage, hardscapes, undergrounding of existing overhead utility lines, landscape, and irrigation
  - Improvements to way finding signage
- c. Miscellaneous projects resulting from uncovering and exposing unknown deficiencies within the TOD area, which includes installation of new and modifications or repairs to infrastructure including paving, storm drainage, water/wastewater utilities, bridges, associated landscaping, and irrigation.

Client/Owner: City of Sunrise

### **3.2 Wyandanch Intermodal Transit Facility,**

**Town of Babylon, New York:** Mr. Ozyman, as a project manager, conducted a feasibility study and developed conceptual designs for a new intermodal transportation facility in downtown Wyandanch to act as the centerpiece of the current Wyandanch Rising Community Revitalization Program. This facility will serve the community and its residents by providing a central hub for interconnections between the Long Island Rail Road, Suffolk County Transit, taxis,

pedestrians, and bicyclists. The objective of this project was to better integrate land use, transportation planning, and transit-oriented development. The intermodal facility design is envisioned as a multi-story parking structure accommodating over 1,000 vehicles, new public open spaces, redesigned roadway networks, pedestrian and bicycle accommodations, streetscape enhancements, and land use management. This project included traffic and transit data collection, parking analysis and design, traffic and transit analyses, traffic calming and streetscape design, site planning, public meetings and visioning workshops. This study was also coordinated with the Town's Brownfield Opportunity Area study and Urban Renewal Program.  
*Client/Owner: Town of Babylon*

### **3.3 Feasibility Studies for the Construction of Municipal Parking Garages, City of Miami Beach, FL:**

Senior Project Engineer leading feasibility studies for the construction of multi-deck municipal parking garages within the South Beach area. Feasibility studies included existing site analysis, zoning and code issues, parking design requirements, user groups and requirements, issues related to construction period, traffic issues. Mr. Ozyman is in charge of developing site plans, traffic circulation and deck floor plans, project finance and cost schedules, delivery methods, project schedule, and incorporating green design. In addition, Mr. Ozyman prepared pro forma analysis to forecast return on investment.  
*Client/Owner: City of Miami Beach*

## **4. Roadways and Drainage**

**4.1 Reconstruction of SW Guadalajara Street, Coral Gables, FL:** Senior Project Engineer responsible of managing and developing design and construction documents for 1 mile of SW Guadalajara Street which provides an access to the Chapman Field Park. The project included roadway geometric design, storm water modelling

roadway. The geotechnical study revealed that the new roadway was to be built on organic fill and would require sub-grade consolidation. Performed both preliminary and final design and obtained all necessary approvals from affected agencies and private utility companies. Located in the vicinity of wetlands, this project also included environmental permitting and wetland delineation and mitigation. Coordinated with NYSDEC, Army Corps of Engineers, NYCDEP and others as part of the design and permitting services performed. *Client/Owner: New York City Economic Development Corporation*

**4.7 Reconstruction of East Broadway, Long Beach, NY:** Senior Engineer responsible for the overall project construction inspection for this 1.2-mile major City arterial, which was completed under Locally Administrated Federal Aid Projects (LAFAP) program. Construction work included complete full depth reconstruction of the roadway, maintenance and protection of traffic MPT schemes and detours, upgrades of the sanitary sewer, storm sewer, potable water and street lighting systems; as well as pavement, sidewalk areas, concrete median walkway, on-street parking, bulb outs, curbs and landscaping. Construction cost: \$900k. *Client/Owner: City of Long Beach*

**4.8 Reconstruction of Reads Lane, Queens, NY:** Served as Project Engineer and provided providing engineering and construction inspection services for the \$6.5 million reconstruction of the Reads Lane in South Queens for New York City Department of Design and Construction. The project consisted of the installation of 8" and 12" water main, 12" to 24" storm sewer, 10" sanitary sewer, lining of existing sewers, installation of catch basins and chutes connection, constructing curbs, sidewalk, and roadway; installation of street lighting, traffic and street name signs; landscaping

and tree plantings. Reads Lane is predominantly a residential area with house construction on soil having a high ground water table. Consequently, some of the sewers were installed on 20 timber piles for stability and dewatering wells were installed to lower the ground water for the sewer construction. Other issues involved the presence of overhead and underground utilities and their relocation, which posed major challenges. In addition, Mr. Ozyman was also responsible for preparing as-built documents. *Client/Owner: New York City Department Design and Construction*

## **5. Municipal Engineering/Site-Civil/Parks**

**5.1 Reconstruction of the 400m Athletic Track, Gwen Cherry Park, Miami-Dade County, FL:** Senior Project Engineer in charge of managing and developing design and construction documents for the 400-meter standard athletic track and its vicinity. The track's pavement has undergone significant distress with major reflective cracks, both transversal and longitudinal at various locations due to differential settlement within the underlying unsuitable stratum. The project included geotechnical engineering & analysis, geometric design & analysis, storm water modelling and drainage design, signage and striping. *Client/Owner: Miami-Dade County Department of Parks*

**5.2 Thornhill Drive Sidewalk, City of Port St. Lucie, FL:** Project Manager and Engineer of Record in charge of providing professional engineering services for approximately 1 mile 0.90 mile 6' wide concrete sidewalk to Thornhill Drive from Bayshore Boulevard to Airoso Boulevard. The design included the vertical and horizontal alignment of the sidewalk within the right-of-way, requisite road improvements, drainage modifications, driveway and/or culvert replacements, utility relocations,

preparation of the SFWMD permit application/ notification, assistance with public notification of the proposed project (one public information meeting), and post design services (responding to requests for information during the construction bidding process, attending the preconstruction meeting, and answering questions during construction). *Client/Owner: City of Port St. Lucie*

### **5.3 District Engineer, Turtle Run Community Development District, City of Coral Springs, FL:**

Mr. Ozyman is currently serving as the district engineer for the Turtle Run Community Development District. In the capacity of district engineer, Mr. Ozyman attends all Board Meeting and coordinates closely with the District management team, Board Members and Council on a variety of projects within the district. He reviews engineering permit plans submitted for compliance with District Criteria and best engineering practices and techniques. In addition, Mr. Ozyman has also provided surveying, design, permitting, bidding and negotiation, construction management, and inspection services for various district projects. *Client/Owner: Turtle Run Community Development District*

### **5.4 District Engineer, Coral Bay Community Development District, City of Margate, FL:**

Mr. Ozyman is currently serving as the district engineer for the Coral Bay Community Development District. In the capacity of the district engineer, he manages all engineering projects related to Coral Bay's streets, sidewalks, landscaping, parks, pools, lakes, canals, and security within the 236-acres of land. Mr. Ozyman attends all Board Meeting and coordinates closely with the District Board. *Client/Owner: Coral Bay Community Development District*

### **5.5 Terramar Park, City of Parkland, FL:** Project Manager in charge of providing site design through construction administration for this

municipal park renovation. The renovation included: Two (2) multi-purpose fields with a new covered bleacher seating area, new athletic field lighting and upgrades to existing athletic field lighting, new concrete walkways and resurfacing of existing asphalt walkways, landscaping, fencing, irrigation and drainage improvements. Responsibilities also included project management, survey, civil engineering, landscape architecture, permitting, bidding assistance, and construction phase services. *Client/Owner: City of Parkland*