



COMPANY DATA

MANAGEMENT:

Brigida F. Van Doornik
P.E., P.T.O.E., CEO, President
Established October 2017

EXPERIENCE:

- * Transportation Design Engineering, 20 Years Maryland State Highway Administration, MD-SHA

EDUCATION:

- * University of Maryland, 1998 Master of Science in Transportation Engineering
- * University of Fumec BH, MG- Brazil, 1987 B.A. Civil Engineering

LANGUAGES:

- * *English, Portuguese, Spanish*

CERTIFICATIONS & LICENSES:

- * Florida Board of Professional Engineers C.A. #32416
- * Florida Board License P.E. #81463
- * FDOT Prequalified Professional Services 7.1, 7.2, & 7.3
- * Maryland P.E.#36132
- * West Virginia P.E.#17742
- * Transportation Professional Certification Board Inc. #2816

NAICS CODES:

- * **541330 – Engineering**
- * **541690 – Traffic Data Services/ Tech. consult.**

COMPUTER PROGRAMS:

- * CAD, V8 CAD, MicroStation
- * ArcGIS, Microsoft 365

REGISTRATIONS:

- * FL. Dept. State: L17000218071
- * DUNS # 080971886
- * Florida Marketplace, FEIN

CONTACT US:

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COMPANY OVERVIEW

Van Doornik Engineering & Consulting, LLC is a certified DBE, with expertise in Traffic Engineering design services to government agencies in major, most complex and/or innovative highway and/or geometric improvement projects, rehabilitation and maintenance of roadways, bridges, and parking facilities. This includes the preparation of plans, specifications and estimates. We perform the design of traffic control devices plans, ensuring they are designed in conformance with all Federal/ State standards, regulations and policies (MUTCD, AASHTO, Book of Standards, etc.) and that the project is with-in budget, on-schedule and Quality Control (QC).

CORE COMPETENCIES

- Roadway signing & Pavement markings
- Lighting & Traffic Control Signals
- Americans with Disabilities Act (ADA) Compliance
- Accessible Pedestrian Signal (APS), Hazard Identification Beacon (HIB)
- Bicycle and pedestrian compatibilities
- Park and Ride Facilities
- Traffic Data & Traffic Studies
- Estimate & Constructability review
- Schedule, attend and lead Milestone Meeting Reviews with FHWA, State Government, private developers, counties, and cities
- Field work to verify Feasibility of Proposed Designs
- Review, discuss, provide guidance, and resolve various types of Traffic Control Device Design issues
- Act as Liaison for Highway and Bridge Design Projects and Utilities
- Serve on Special committees developing management policy and processes
- Prepares Preliminary Engineering and Construction Estimates for the Consolidated Transportation Program (CTP)

KEY DIFFERENTIATORS

- ◆ Our goals are to deliver outstanding performance satisfaction on every project.
- ◆ Our trademark is the development of innovative and sustainable solutions that increase safety, mobility, and efficiency of operation for all stakeholders. We have expertise in the design services for Traffic Control Devices on Highway and Bridges.
- ◆ Our manager is a retired Air Force Colonel with extensive experience in counter-terrorism from domestic and overseas assignments.
- ◆ We provide Quality Control & Quality Assurance Management.
- ◆ We strive to provide innovative and cost-effective solutions for the transportation needs of our clients.
- ◆ Design-build and accelerated time frame - Skilled on high profile projects for metropolitan and urban areas.
- ◆ Liaison and project experience with Federal (FHWA), State DOTs, Counties, Cities, Utility Companies and Airport. Tri-lingual (English, Portuguese, & Spanish) National and International Transportation Liaison with overseas DOTs.
- ◆ We communicate frequently, professionally and effectively.

PREVIOUS EXPERIENCES

MD 5 Hughesville Bypass- MD- Charles County- Cost: \$40 Million

- Design and project management of the traffic engineering plans, such as traffic signing, signals, lighting, utility relocations and power feed coordination.

MD 295 Baltimore-Washington Parkway- A.A County, MD- Cost: \$25 Million

- Traffic control devices design and project management, such as signing, pavement markings, lighting, and traffic signal.

MD 542 Loch Raven Boulevard- Baltimore County, MD Cost: \$25 Million

- Traffic signal reconstruction, interconnect, left turn bays at intersections, and ADA.

Various Projects Involving Signals, HIB and APS -Cost: \$3 to \$40 Million

- MD 122 from I-695 Outer Loop Ramp to Perimeter Dr./SSA - Baltimore County, MD
- MD 122 (Security Blvd.) at I-695 - Baltimore County, MD

Involving Intensive Geometric, Signing, Pavement, Marking, Lighting, Truck Weigh Station and Signal Design- \$5 - \$25 Million

- US 219 @ CO 170 Mosser Rd. & spur to Deep Creek & Glendale Rd. - Garrett County
- MD 22 (Churchville Road) & Campus Hill Shopping Center - Baltimore County, MD
- MD 140 from Nob Hill Park Drive to Brian Daniel/Woodfield Ct. - Baltimore County, MD
- MD 140 Franklin Blvd./Cherry Hill Rd. - Baltimore County, MD

