



Ivan Zapata, Principal and Founder of DMV Civil, has over 14 years of experience in the Civil Engineering industry with a focus on stormwater management, environmental, and erosion and sediment control. Ivan plans to continue his growth in the water resources industry by continuing to provide innovative Low Impact Designs (LID) for projects in the public and private sectors; tracking changes in the State and Federal stormwater management requirements; and acquiring additional certifications to expand his knowledge base.

PROFESSIONAL EXPERIENCE

DMV Civil, LLC – National Harbor, MD President

October 2018 – Present

Functioned as a professional mentor for students at Engineer's Without Borders – College Park. Coordinated with faculty and students to provide designs for projects overseas. Work involved construction of storage tanks and water supply system for small villages located in Ghana and Nicaragua.

As a design consultant, worked with private developers to provide infrastructure for their land development projects. Organized and engaged with subconsultants to provide a complete design package, which included surveying, private utility investigations, geotechnical, planning, environmental services, landscaping, and civil design.

Acted as a sub-consultant for design-build projects to provide municipalities and federal entities with construction documents for various projects. Services included stormwater management, erosion sediment control, field inspection, and as-built certification.

Soltész – Waldorf, MD Senior Engineer

August 2011 – May 2019

Worked with the Clean Water Partnership in Prince George's County to retrofit various sites throughout the county. Developed a workflow plan that enable the company to meet the client's deadlines for each phase of the project. Met with State and Local officials to streamline the process and develop a standard for projects submittals. Additionally, met with stakeholders to explain the importance of improving their facilities. Met with school officials to provide resources to educate students on the importance of stormwater management.

As the stormwater and environmental expert for the firm, developed training programs for various topics in order to educate junior and senior engineers' company wide. Additionally, served as a mentor to new engineers and distributed work among teams.

Developed office standards to help produce designs more efficiently. Assisted project managers by meeting with clients, coordinating with contractors, and developing scope of services for proposals.

CivilSurv Design Group, Inc. – Lakeland, FL
Project Engineer

May 2007 – August 2011

Acted as a design consultant on a variety of civil engineering projects. Designed and constructed spillways, pipelines, roadways, stormwater management facilities, and drainage structures. Coordinated, assembled, and reviewed all available information from surveyors, architects, geotechnical, environmental, and structural engineers to develop construction documents and design reports.

Performed hydrologic and hydraulic analyses for watershed studies. Implemented new modeling techniques by reviewing and researching technical information provided by the Water Management District. Gathered historical data, performed field visits, and calculated parameters used to developed stormwater models.

Provided constructability reviews, Engineer's construction estimates, Construction Engineering Inspections, and coordinated with contractors on requests for additional information (RFI). Additionally, provided alternatives to design to minimize impacts and cost.

H.T. Mai, Inc. – Tampa
Project Engineer

July 2005 – May 2007

Responsible for managing, designing, and constructing all key aspects of site development projects. Controlled and managed budgets and schedules for various projects.

Coordinated and reviewed construction schedules, shop drawings, as-builts, contractor's pay requests, and test results during construction.

PROFESSIONAL DEVELOPMENT

B.S. in Civil Engineering
University of South Florida, 2002-2006

Licensed Professional Engineer
Maryland, Virginia, District of Columbia

PROFESSIONAL AFFILIATION

- American Society of Civil Engineers (ASCE)
- Engineers Without Border; College Park (EWB-CP)
- Maryland Stream Restoration Association (MRSA)

TECHNICAL CAPACITY

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|--------------------|-----------|
| ▪ AutoCAD Civil 3D | ▪ ICPR |
| ▪ Microstation | ▪ TR-20 |
| ▪ Inroads | ▪ HEC-RAS |
| ▪ GIS | ▪ HEC-1 |