##### *EDUCATION*

**University of Delaware,** Newark, Delaware

* Bachelor of Science in Civil Engineering.

##### *LICENSES AND CERTIFICATIONS*

**Licensed Professional Engineer (PE)**

-*NY and NJ*

**Certified Project Management Professional (PMP)**

*-March 2017*

**Candidate for the Certified Construction Manager (CCM) and Associate DBIA**

##### *AWARDS AND RECOGNITION*

* **MTACC** 2017 Harold Manager of the Year –East Side Access
* **ENR Top Young Professionals** 2019 (Top 20 Under 40) – New York Region
* **Rail Track and Structures (RT&S)** 2021 Top 10 under 40 – Honorable Mention
* **Rail Track and Structures (RT&S)** 2021 Top Projects – CH058A B/C Approach Structure

##### *WORK EXPERIENCE*

* **MP Engineers and Architects, PC**, New York, NY 2021-2022

Vice President, Director of Rail Transit

Led and developed the business unit for both Construction Management and Design-Build services in the Rail Transit Market. Client Manager for the MTA. Managed all corporate business development, marketing, recruitment and project management of active projects.

Project wins include:

* + *MTA C&D Flushing Line Improvements PMC Contract (sub to Jacobs)*
  + *MTA C&D Rockaway Flood Resiliency PMC Contract (sub to Jacobs)*
  + *MTA C&D Harold Interlocking PMC Contract (sub to AECOM)*
  + *MTA C&D Station Rehab Bundle (Package A, B & C) (sub to Tectonic)*
  + *MTA C&D CM014B Field Engineering for John Picone*
  + *MTA C&D Risk Management IDIQ (sub to Schnabel and PMA)*
  + *MTA C&D CH058B East Bound ReRoute – Office Engineering for Railroad Construction*
  + *MTA C&D Structural IDIQ Design Build – Lead Designer (General Contractor: PJS)*
  + *Port of Albany Expansion Owner’s Representative (sub to Hudson Meridian)*
  + *NJ Transit Roseville Tunnel CM Contract (sub to KS Engineers, PC).*
* **The LiRo Group**, New York, NY 2007-2021

Associate

* *MTA Construction and Development – LIRR East Side Access Project, New York (+$13B):* 
  + *Construction Manager/Owner’s Representative:*
    - 2019-2021 - Contract **CH058A** ($95M): Tunnel B/C Approach Structure and other rail infrastructure for LIRR and Amtrak, including heavy civil, open-cut excavation, approach structure, track, 3rd rail, catenary, communications and other elements. Completed early and under budget.
    - 2018 - Contract **CH061A** ($38M): Tunnel A Approach Structure and other infrastructure. Substantial Completion declared 08/16/18, on-time and under budget.
    - 2016-2017 - Contract **CH057** ($89M): Tunnel D Approach Structure and other works including bridge, retaining walls, utilities, catenary, electrical, and trackwork. Completed early and under budget.
    - 2014-2016 - Contract **CH057C** ($3M): Fast-track installation and demolition of railroad tracks, trackbed, and other civil elements. Completed on-time and under budget.
    - 2014 - Contract **CH057B** ($1M): Fast-track installation and demolition of railroad tracks and installation of a No. 20 turnout. Completed on-time and under budget.
  + *Program/Project Manager:* 
    - **ESA 2014 LIRR Track Program** ($15M) – Managed the 4 part program including heavy civil and track construction, with the sequencing and coordination of LIRR and 3rd Party Contractor work. Completed on-time and on budget.
    - **ESA 2013 Summer Outage Program** ($20M) – Managed 3rd Party predecessor work ($5M) in advance of a 30-day track outage on Mainline railroad tracks Line 2 and Line 4 in Harold Interlocking. Assistant PM to install an under-track support slab and trackwork to facilitate future tunnel work. Completed on-time and on budget.
  + *Package Manager for Procurement:* 
    - **CH058B**: EastBound Re-Route (2019-2021) – Prepared contract documents including PRDC, concept drawings, technical specs, and reference documents. Negotiated cost and schedule ($150M RFP Design-Build).
    - **CH058A**: B/C Approach Structure (2017/2018) – Prepared bid package and managed procurement process (IFB Design Bid Build).
    - **CH057**: Harold Structures Part 3 (2015) - Prepared bid package and managed procurement process (IFB Design Bid Build).
    - **CH057C**: Harold Trackwork Part 2 - Prepared bid package and managed procurement process (IFB Design Bid Build).
  + *Senior Project Engineer (2010-2014):*
    - 2010-2014: Performed construction engineering services for the construction of rail, vehicular and utility bridges, substations, underground sewers and electrical utilities, Amtrak Catenary, and site work in Harold Interlocking:
      * CH054A Harold Structures Part 2A (+$30M).
      * CH053 Harold Structures Part 1 (+$200M).
      * Force Account for LIRR and Amtrak (LIRR Signal Cutover Program).
* *Other projects (2007-2010):* 
  + *Design Engineer (Structural/Civil/Transportation/Rail Transit):*
    - **MTA NYCT** - The Rehabilitation of the 8th Avenue Station in Brooklyn, NY –Structural and civil design of station, platform and line structures. Estimated construction cost $50M.
    - **PANYNJ -** Traffic Demand Model for the construction of World Trade Center (NY and NJ Port Authority and NYC DOT).
    - Various on-call site civil, transportation and structural engineering and construction services for public and private clients.
* **Pennoni Associates, Inc.,** Wilmington, DE 2004- 2007
* *Various projects:*
  + *Graduate Design Engineer and Bridge Inspector:*
    - Preliminary and final design and analysis of bridges and retaining walls.
    - Routine, in-depth, and fracture critical bridge inspections (FHA/NBIS).

##### *APPLICABLE SKILLS*

* Rail Transit Fully knowledgeable working with MTA C&D and Amtrak
* BD/Marketing: Fully knowledgeable of public works procurement processes.
* Remote Teaming: MS Teams, Zoom, Skype, Google Duo, Webex
* Cloud/Presentation: Microsoft Office Suite / Google Docs / Adobe / OneDrive
* Other traits:
* Excellent written/oral communication, inter-personal, problem solving, and analytical skills.
* Ability to multitask and manage multiple highly complex projects at one time.
* Well rounded design and construction experience with ability to lead.
* Entrepreneurial spirit with networking and organizational business sense.
* Experienced in negotiations, estimation, proposal and document preparation, and marketing.

## ***PROFESSIONAL REFERENCE***

Michael Kaleda, Former EVP at MTA C&D 917.892.7645

Mark DeBernardo, VP Change Management at MTA C&D 646.208.1562

Rod Brooks, former CTO, LIRR 631.338.7101

Pete Malvese, Acting EVP on ESA, AECOM 718.207.8389

Bill Fall, VP at GM2 Associates, Inc. 845.661.2969

Jeff Rice, Project Director, Penn Station Access 646.715.7912

Mike Rafat, VP PM/CM, Systra 914.319.3540