

# ANDREW C. NIGRO, PE, CCM, PMP

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## **OBJECTIVE**

I am seeking the role of Northeast Corridor Rail Director at HNTB, in New York, NY. Specifically, I wish to apply my skills in project management, business development, and team building to program and construction management projects in the northeast. My success on previous super-mega projects (over \$25M) and recent experience directing and developing a construction management department provides the right skills and experience to take on this role at HNTB.



## **EDUCATION**

**University of Delaware**, Newark, Delaware

- Bachelor of Science in Civil Engineering, 2005

## **LICENSES AND CERTIFICATIONS**

**Licensed Professional Engineer (PE)**

*-NY and NJ, since 2010*

**Certified Construction Manager (CCM)**

*-February 2023*

**Certified Project Management Professional (PMP)**

*-March 2017*

**Sitting for Associate Design-Build (DBIA) Credential**

## **AWARDS AND RECOGNITION**

- Awarded the 2017 “**Harold**” **Manager of the Year** – MTACC East Side Access Project
- Named **ENR Top Young Professional (Top 20 Under 40)**, Class of 2019 – New York
- 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

## **PROFESSIONAL EXPERIENCE**

- **MP Engineers and Architects, PC**, New York, NY 2021-Present  
2022-2023 *Vice President, Director of Rail Transit*  
2021-2022 *Director of Construction Management*

➤ Led the growth and development of the Construction Management and Rail Transit business unit in the Transportation Sector. Responsible for all project management of current active projects, pursuits, sales, recruitment and new business development; namely:

- Client Manager, MTA Construction & Development, Amtrak, and NJTRANSIT.
- Professional Networking: self-initiated, strategic, and targeted effort to foster industry relationships and new business.
- Marketing and Sales: led the pursuit of new work, proposal development, prime contracting and subcontracting, team building and delivery. Prepared quarterly reports, annual projections, and forecasts.
- Business Development: participated in the rebranding, social media development, mission, vision and strategy.
- Recruitment and Retention: led the outreach, interview, onboarding, and mentoring of professional talent.
- Project Management of active contracts (all new business):
  - **MTA C&D 10 Station Rehab Program Management Consultant (PMC)**

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Manhattan, Queens and Brooklyn, NY

MP providing Construction Management (as a subconsultant to Tectonic Engineering) on this station rehabilitation program on various lines, including Package A 3 Stations on the J/M/Z line, Package B - 5 Stations on the 1/2/3 and Package C - 2 Stations on the R/W Line. MP is providing the Construction Manager for Packages B and C, Safety Manager on Package A and Risk Manager on all 3 Packages. (December 2022 – Present)

- **MTA C&D Flushing Line Improvements Program Management Consultant (PMC), Queens, NY**  
MP providing Construction Management and Quality Control (as a subconsultant to Jacobs Engineering) on this station rehabilitation program on the Number 7 – Flushing Line between Woodside and Flushing. MP's Construction Manager is managing the \$200M Design Build project (Package A) to rehabilitate 61st-Woodside Station and 4 other stations. Contractor Skanska/Railroad Construction (designer AECOM). MP's Quality Manager is managing the \$200M 5-Station Rehab DBB project (Judlau). Prior to award, MP also provided the quantitative risk assessment. (June 2022 – Present)
- **MTA C&D Rockaway Line Resiliency and Rehab - Program Management Consultant (PMC), Queens, NY**  
MP providing Risk Management (as a subconsultant to Jacobs Engineering) on this program on the A/C – Rockaway Line (\$600M). (February 2023 – Present)
- **MTA C&D Harold Interlocking - Program Management Consultant (PMC), Queens, NY**  
MP providing Federal Grant Management and Reporting (as a subconsultant to AECOM) on this \$1.4B program in Sunnyside Yard and Harold Interlocking, Queens. (March 2023 – Present)
- **MTA C&D CH058B East Bound ReRoute (part of LIRR East Side Access Project), Queens, NY**  
MP providing Office Engineering services for the General Contractor, Railroad Construction Company on the \$150M Design Build project to construct a railroad tunnel under active tracks in Harold Interlocking Queens. This is part of the Regional Investment Program affiliated with the East Side Access Project, including the development of assets for both LIRR and Amtrak. (September 2021 – Present).
- **MTA C&D CM014B GCT Facilities and Fit-out (part of LIRR East Side Access Project), Manhattan, NY**  
MP provided Field Engineering services for the General Contractor, Schiavone Construction on the \$150M construction project to construct the facilities fit out in the new concourse north of Grand Central Station. Work included testing, commissioning, and quality control of HVAC and Sprinkler Systems (June 2022 – July 2022)
- **MTA Bridges and Tunnels (B&T/TBTA) – VN/BWB Resiliency Project, Bronx, Queens, Staten Island and Brooklyn, NY**

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MP providing Building Information Modeling (BIM) Coordination services (as a subconsultant to Gannett Fleming) on this bridge resiliency design build project. As part of the construction management team, we are responsible for ensure design and construction model development compliance throughout the life of the project (January 2023 – Present)

- **Albany Port District Commission (APDC) - The Port of Albany Expansion Project, Albany, NY**

MP providing Risk Management and Schedule tasks for this \$600M program to expand and develop facilities for manufacturing of offshore wind power materials and equipment. The program includes the work of 3 General Contractors (1 CMAR contract and 2 Design-Bid-Build contracts) working in conjunction to develop approximately 100 acres at the Port. (June 2022 – Present)

- **NJ Transit Roseville Tunnel Rehabilitation Construction Management, Byram, NJ.**

MP providing Office Engineering services (as a subconsultant to KS Engineers) on this tunnel rehabilitation design build project. As part of the construction management team, we are responsible for ensure document control compliance throughout the life of the project (January 2023 – Present)

- **NYC DDC Bronx Animal Care and Vet Clinic Construction Management Consultant, Bronx, NY**

MP providing Building Information Modeling (BIM) Coordination on behalf of the owner (NYCDDC) and end user (Office of Health and Mental Hygiene), overseeing the contractor EW Howell, ensuring compliance during construction model development. (December 2022 – Present)

- **LiRo Engineers, Inc, New York, NY** 2007-2021  
2018-2021 Associate, MTA Owner's Representative, Construction Manager, Package Manager  
2015-2018 MTA Owner's Representative, Construction Manager, Package Manager  
2013-2015 Senior Project Engineer  
2010-2013 Project Engineer  
2007-2010 Design Engineer

- **MTA Construction and Development - East Side Access Project, New York (+\$12B):**

- General Staff Management and Business Development:

- Active support staff development, recruitment and evaluation to maintain client's expectations and needs. Managed team included 33 personnel ranging from field inspection, office engineering, and management.
- Support during COVID-19 and adherence to safety protocols.
- Provided technical writing for marketing proposals.
- Continued client relations within different levels of the MTA C&D.

- Construction Manager/Owner's Representative:

- 2019-2021 - Contract **CH058A** (\$95M): Tunnel B/C Approach Structure and other rail infrastructure. Completed early and under budget.

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- 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 3<sup>rd</sup> Party Contractor work. Completed on-time and on budget.
  - ESA 2013 Summer Outage Program (\$20M) – Managed 3<sup>rd</sup> 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.
- Design Package Manager for Procurement:
  - 2019-2021 - **CH058B**: EastBound Re-Route (\$150M RFP Design-Build).
  - 2018 - **CH058A**: B/C Approach Structure (2017/2018) – Prepared bid package and managed procurement process (IFB Design Bid Build).
  - 2015-**CH057**: Harold Structures Part 3 (2015) - Prepared bid package and managed procurement process (IFB Design Bid Build).
  - 2014-**CH057C**: Harold Trackwork Part 2.
- 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 (+\$300M).
- Other projects (2007-2010):
  - Design Engineer (Structural/Civil/Transportation/Rail Transit):
    - The Rehabilitation of the 8<sup>th</sup> Avenue Station in Brooklyn, NY – New York City Transit – Structural and civil design of station, platform and line structures. Estimated construction cost \$50M.
    - 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:

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- Preliminary and final design and analysis of bridges and retaining walls.
- Routine, in-depth, and fracture critical bridge inspections (FHA/NBIS).

## **APPLICABLE SKILLS**

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- Contracts: 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**

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William Fall, P.E., Director of Rail Transit, NY Region, GM2 Associates:	845-661-2969
Raymond Busch, P.E., Vice President, Area Manager, The LiRo Group:	631-708-8601
Rodney Brooks, former CTO, Long Island Rail Road, Retired:	631-338-7101
Mike Kaleda, PE, former Senior VP, MTA C&D	917-892-7645