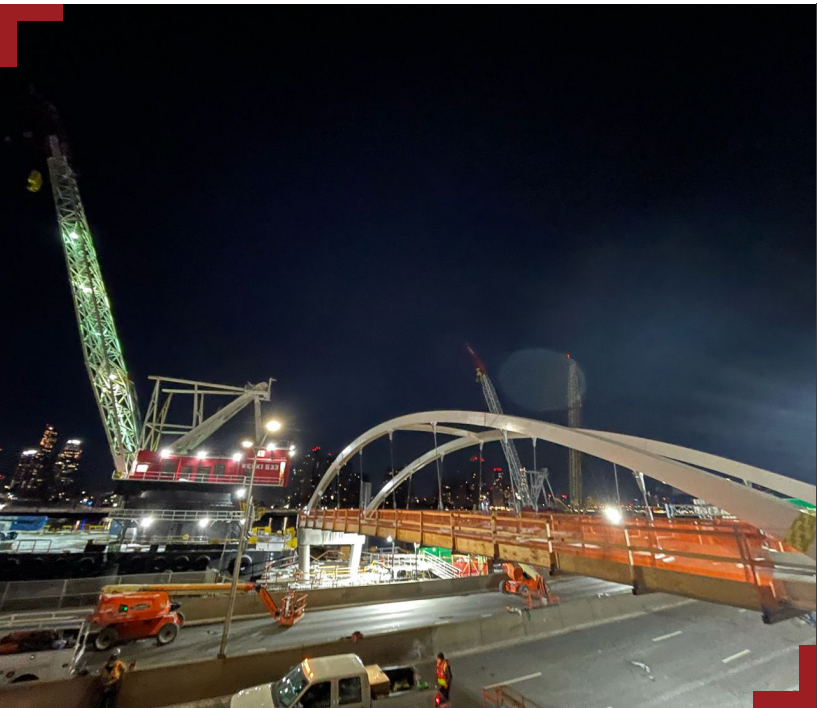


# BIANNUAL K&E NEWSLETTER



# JANUARY 2024



Engineering and  
Land Surveying, P.C.

[kcepc.com](http://kcepc.com)





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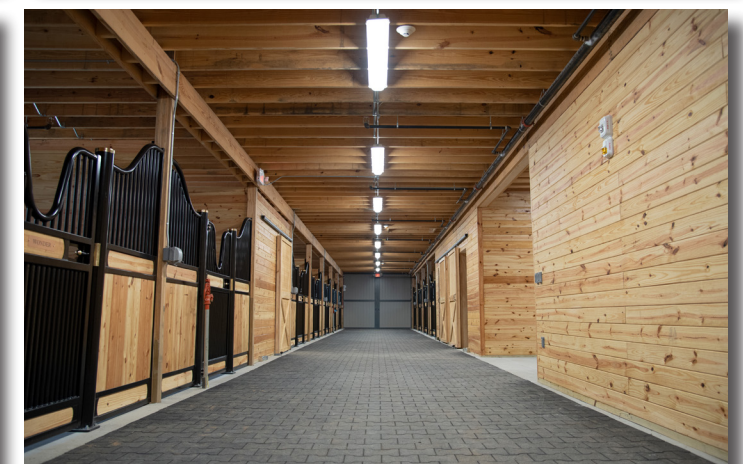
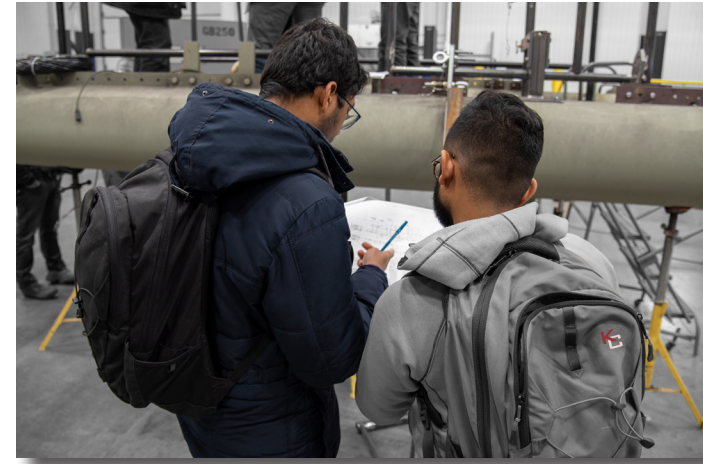
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## 「A LETTER FROM RAJ RAVILLA」

Hello KC family and friends.

In 2023, despite the continued challenges facing our industry, KC earned several successes due to the dedication and hard work of our team. Our success with design-build projects was a major theme throughout 2023 — KC, as a member of a design-build team, won the New York State Department of Transportation (NYSDOT) I-81 Viaduct Phase 1, Contract 2 project as Lead Designer and Quality Manager. Additionally, we are continuing to provide quality management for the Port Authority of New York and New Jersey (PANYNJ) JFK Central Substation #2 project

as well as for the Metropolitan Transportation Authority (MTA) Americans with Disabilities Act (ADA) Upgrades at 13 Stations project. I anticipate further design-build successes for KC in 2024.

Our innovative approach to these large-scale, complex projects continues to reap rewards as our work on the NYSDOT Kew Gardens Interchange design-build project won the 2023 ENR Award for Best Project - Highway / Bridge. While providing quality work for our clients and the public is its own reward, I am glad to see the continued recognition for our efforts.

“Our success with design-build projects was a major theme throughout 2023.”

KC also worked throughout 2023 to expand our construction inspection / management group, which has paid dividends as we make forays into new agencies, regions, and disciplines. Work is well underway on these and other projects and KC continues to deliver the high-quality work that we are known for.

Furthermore, KC continues to physically grow and improve, with the addition of new employees, as well as the consolidation of KC New York City (NYC) staff to a larger, better-equipped office in the same building. This new NYC location gives KC more room for growth and allows our NYC team to collaborate more fluidly. The move was successful by every

metric and NYC staff quickly acclimated to the new space.

To close this letter, I would like to stress the importance of teamwork. Projects are not usually successful due to just one person. The success of our projects is contingent upon working efficiently within a team, recognizing everyone's strengths, and supporting our teammates. As we progress our important projects throughout 2024, we should continue to work together diligently to deliver the best results for our clients and the public.

I look forward to further success for KC, our clients, and our employees in 2024. Onward!

-RAJ

# 「MILESTONES」

Today and every day, KC celebrates our employees.



# 40

**JOSEPH FOTI**  
**ENGINEERING AUDITOR**

Joseph celebrated 40 years with the firm last quarter. He has experience in all aspects of planning and design of a wide variety of projects. Through his daily auditing work at the NYCDEP, he performs audits and recommendations regarding the processing of partial and final payment vouchers and the review and approval of change orders and other related issues on NYCDEP capital projects.



# 10

**WILLIAM LIPSKI, P.E.**  
**VP / PROJECT EXECUTIVE**

With experience as project executive and senior claims specialist on various NYCDDC and NYCDEP projects, Bill has over 35 years of engineering and management experience in the City of New York. Celebrating his 10<sup>th</sup> KC anniversary last year, Bill is known for his strong understanding and knowledge of infrastructure contract work.



# 10

**MICHAEL TAMIGI, P.E., ENV SP**  
**QA/QC ENGINEER**

Last quarter, Mike celebrated his 10<sup>th</sup> year at KC. As a civil engineer with additional background in computers and technology, his career has flourished from designing small commercial wastewater and drainage systems, to installing multi-million-dollar SCADA systems, providing complete electrical design layouts for bridges, and providing QA / QC for KC projects.



5

**EVAN THOMAS**  
**SR. PROPOSAL/MEDIA COORD.**

In the 5 years Evan has been with KC, he has worn many hats. He oversees KC's digital footprint, devising and implementing strategies for media and design, and was the proposal lead for the Cashless Tolling design-build, providing QC auditing post-award. Recently, he performed QC for our successful I-81 Contract 2 design-build proposal.



5

**AAKARSH BUDARAPU**  
**CIVIL ENGINEER**

Aakarsh has worked on KC's civil engineering team for 5 years. In this time, he has provided civil engineering services on some of KC's most important projects, including Champlain Hudson Power Express, Widening of the Van Wyck Expressway, and Kew Gardens Interchange. He is experienced in MicroStation and AutoCAD Civil 3D.



NEW

**DEBORAH STUPPIELLO**  
**ADMIN/CADD SUPPORT**

Deborah joined KC last August as Administrative Assistant / Computer-Aided Design and Drafting (CADD) Support. Her CADD drafting expertise has already been put to good use on several KC projects, and she was instrumental in facilitating KC's NYC office move, coordinating supplies with other employees and admin staff.





**NEW**

**LAXMAN K C  
STRUCTURAL ENGINEER II**

Laxman joined KC in August as a Structural Engineer II. A recent graduate of the University of South Carolina with a PhD in Civil Engineering, he is applying his knowledge to contribute effectively to the design and load rating of bridges. He says he's eager to continue collaborating with the team and in the dynamic field of bridge engineering.



**NEW**

**KAMALTEJ YAGNAM  
GEOTECHNICAL ENGINEER I**

Kamaltej joined KC's geotechnical engineering team in 2023. He holds a M.Eng. in Construction, Engineering, and Infrastructure Management and has a background in planning and executing residential and commercial building construction. He is skilled in structural analysis and operations management.



**NEW**

**STEPHEN GADOMSKI  
QUALITY/ALT PURSUITS MANAGER**

Mr. Gadomski joined KC with over 35 years of experience in many facets of civil highway and structural project design, development, and management. He is adept at developing contract proposals, specifically for design-build contracts. His collaborations with the Marketing department have already yielded success for KC.



**NEW**

**DANIEL TORRES, P.E.  
SR. CIVIL ENGINEER**

Daniel became a member of the KC team in November 2023. He joined the civil engineering department as a Sr. Civil Engineer, having earned his Professional Engineer (P.E.) license. He is skilled in multiple programs key to the success of any civil engineer, and has already started working on some of KC's most important projects.



**NEW**

**KHALED ABUHISHMEH  
STRUCTURAL ENGINEER II**

Khaled, a new member of the KC structural engineering team, has experience in QC monitoring, sewer main and water pipe inspection, supervising change order implementation, risk assessment, data collection, preparing reports, service life estimation, machine learning applications, and project development and management.



**NEW**

**RAJ PATEL  
GEOTECHNICAL ENGINEER I**

Raj joined KC in December, having graduated last May with an M.S. in Civil Engineering. He brought with him experience in a wide variety of civil and geotechnical engineering tasks, including supervising and inspecting construction projects for QC, reviewing technical drawings, and working in AutoCAD.

# PROFESSIONAL MILESTONES

*Congratulations to the following KC employees on their 2023 professional achievements:*

## Professional Engineer

Benson Lam [NY], Kamal Regmi [NJ], Suwei Wang [NY]

## Engineer-In-Training

Eugenio Macri

## ISO 9001:2015 Lead Auditor

Constance Lam, Suwei Wang

## ACI Concrete Field Testing Technician - Grade I

David Stavans

## DDC Water Main

Fabian Zabala

## MTA NYCT Track Safety Certification

Amr Hafez, Brett Williams

## New York 811 Excavator Training & Education Program

Adel Nasr, David Stavans, Michael Tamigi, Suwei Wang

## OSHA 10-Hour

Michael Short, Brett Williams

## OSHA 30-Hour

Amr Hafez, Brett Williams, Fabian Zabala





# PERSONAL MILESTONES

KC employees had an eventful year!



Associate / Project Engineer **Chakradhar Vallabh, P.E., ENV SP** did a cross country truck-camping trip from LA to NYC in July; summited Mount Kilimanjaro in August; and got married in December.



Senior Associate / Project Manager **Julian Llorente, P.E., PTOE** and his wife, Alyssa, celebrated the birth of their first child on July 1, 2023: Max Alexander Llorente.



Survey Instrument Person **Mark Eubanks** went on trips to Jordan and Zimbabwe in 2023.



CADD / ProjectWise Manager **Millan Patel** and his wife welcomed a baby boy in June 2023.



The new Arch Bridge on the East Midtown Greenway (EMG) in Manhattan, which KC helped design.



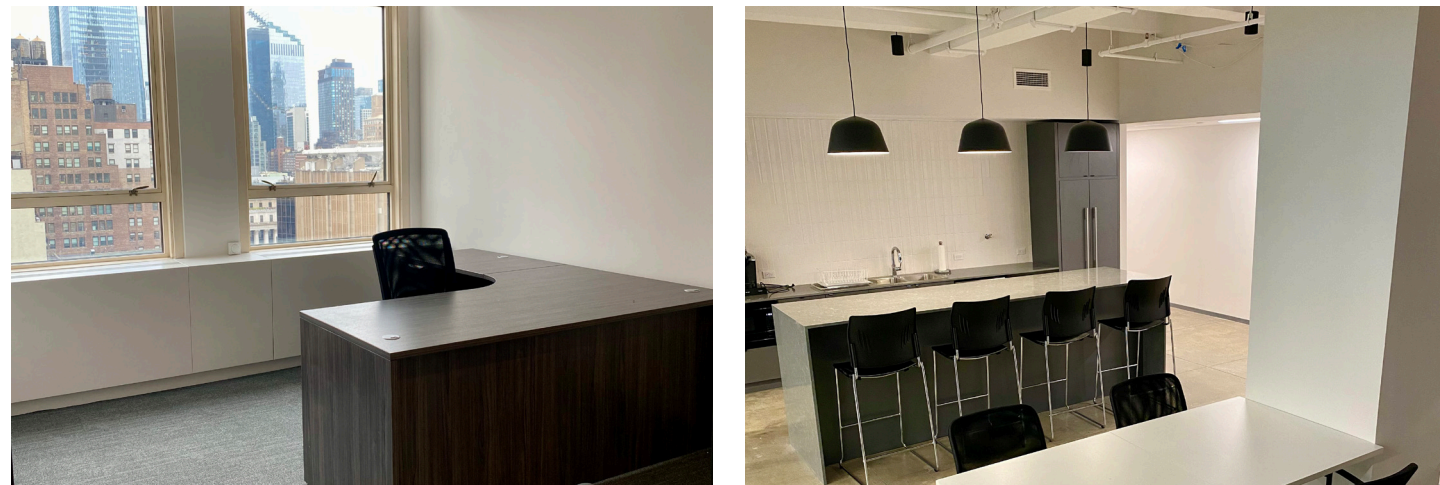
# KC NEW YORK CITY

The hub of KC's operations is located in New York City, at 7 Penn Plaza.

Until recently, KC occupied two separate offices in the building. After much discussion and planning for a most efficient path forward, KC management decided to consolidate these two offices into a larger, better-equipped office with all KC NYC employees under one roof. This move enhances the collaborative efforts of our team, as physical proximity leads to ease of teamwork and innovation in turn.

KC is no stranger to an office move. In 2020, the former KC Circleville and KC Poughkeepsie employees relocated to a central location in Newburgh, just off I-84 and I-87 and directly next to New York Stewart International Airport. In 2022, KC opened a new office in Albany.

Much like these moves, KC employees pulled off the NYC office consolidation without a hitch. The new cubicle installation and furniture move occurred November 7 through 10, and the computer equipment was moved on November 13 and 14. The NYC office was closed during this time, and all NYC employees worked remotely. Now back in office together, KC NYC employees are glad to be co-located in a new space. φ



# HOLIDAY PARTY 2023

As 2023 drew to a close, KC employees celebrated another excellent year by enjoying a holiday party.

As has become tradition, KC organizes an event at the end of each year to eat, be merry, and celebrate the success of the previous year. This year, employees from all KC offices met at a central location to celebrate together.

The holiday party is one of many ways that KC shows employees that they are appreciated, and gives employees the chance to reflect upon the events of the previous year. Employees celebrated the achievements of the company as well as their own personal milestones of the past year as they do every year. It is always important to take stock of your achievements and experiences from the past year, and what better way to do so than with your KC colleagues?

Here's looking forward to next year! φ





# PROJECT HIGHLIGHTS

Major awards for one KC project and a ribbon-cutting ceremony for another.

## NYSDOT KEW GARDENS INTERCHANGE DESIGN-BUILD

This design-build project was chosen as the Engineering News-Record (ENR) New York Best Project Highway/Bridge for 2023. It was also awarded the American Association of State Highway and Transportation Officials (AASHTO) Best Use of Technology & Innovation Award, Large Project for 2023.

The scope of work for this New York State Department of Transportation (NYSDOT) design-build project included the complete replacement of six bridge structures, which required demolition of the existing structures and complete construction of the replacement bridges. Additionally, the construction of five new bridges and alignment modifications provided operational improvements to the Grand Central Parkway, Jackie Robinson Parkway, and Union Turnpike in the Kew Gardens Interchange. The scope of highway work included realignment of the existing mainline roadways and interconnecting ramps within the Interchange.

KC served as an integral member of the design-build team, providing quality management and design services as Quality Manager and design partner, respectively. As an ISO 9001 certified consultant, we employed our robust knowledge of quality management practices to ensure that the design-build project was performed in accordance with project requirements and quality standards. Additionally, KC's knowledgeable team of professionals contributed to critical design components, including structural, utility, and environmental elements.



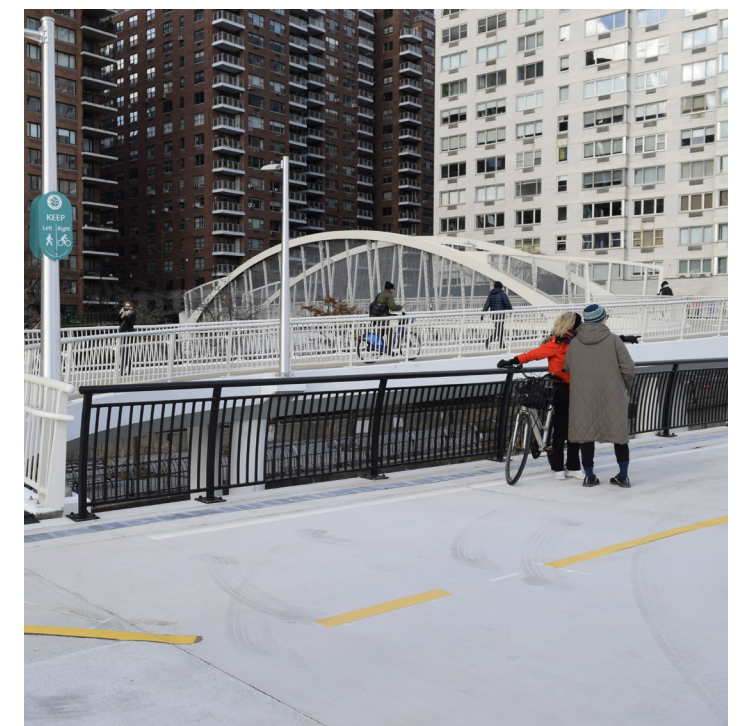
## NYCEDC EAST MIDTOWN GREENWAY

On December 19, 2023, the ribbon-cutting ceremony for this project took place.

The East Midtown Greenway (EMG) is the second phase of a three phase development entitled the East Midtown Waterfront Project (EMWP). The intent of the EMWP is to construct a continuous public waterfront esplanade over the East River in Manhattan, NY. The project also includes a new pedestrian bridge that provides access to the esplanade at 54<sup>th</sup> Street and Sutton Place South.

KC performed the topographic survey, utility survey, and easement survey for the project. KC also researched available design drawings, as-built drawings, and aerial maps spanning approximately 80 years to understand site conditions, both above and below ground. KC assisted in providing an existing conditions report.

In addition, KC actively coordinated with the New York City Economic Development Corporation (NYCEDC) and a bridge architectural firm to provide a bridge design that is visually appealing, meets the high expectations of the community, and adheres to design standards. The primary structure is a steel tied arch bridge with one arch on either side of the walkway. These arches have a rise of 18 feet, and are inclined 6 degrees outward. The walkway is a concrete deck with a clear width of 14 feet between railings. Lighting fixtures are mounted directly onto the arches to provide ample lighting onto the bridge deck. φ





# NEW PROJECTS

KC's **new worklog** from the 2<sup>nd</sup> half of 2023 demands meticulous attention to detail, and our **capable staff** are always ready to rise to the occasion.

**NEW AWARD: Contract D006085: Professional Engineering Design Services for Upstate Capital Districts, New York State Office of Parks, Recreation & Historic Preservation (NYSOPRHP):** KC, as subconsultant, will be providing civil engineering and surveying services for this project. The scope of work for this project includes providing project schematics (including project renderings), project design, phase studies, investigations, assessments, reports, and related services in support of the Capital program for facilities in the Allegany, Central, Genesee, Finger Lakes, Niagara, Palisades, Saratoga / Capital District, Taconic, and Thousand Islands State Park Regions.

**NEW AWARD: Contract D038335: Design Services Under Term Agreement for Signal, Lighting, and ITS Design - Downstate Regions 8, 10, and 11, New York State Department of Transportation (NYSDOT):** The scope of work for this project involves services related to detailed design (Phases V-VI) for traffic signals, lighting, and intelligent transportation systems (ITS). KC, as subconsultant, will lead the survey team for this project.

**NEW AWARD: Expert Professional Services for the Performance of a Condition Survey of Buildings 42, 43, 45, 46, 49, 53, 58, 76, 82, 87, 94, 106, 113, 115, and 130 at Newark Liberty International Airport, Port Authority of New York and New Jersey (PANYNJ):** For this project, KC will provide visual and hands-on inspections of various structures at Newark Liberty International Airport, which will determine the overall condition of the structures and identify structural and non-structural deficiencies, if any, which may present a potential safety hazard. All inspection work and reports shall conform to the requirement of the PANYNJ

Quality Assurance Guidelines for Condition Survey of Buildings. KC is the prime consultant for this project.

**NEW AWARD: Expert Professional Services for the Performance of a Condition Survey of Buildings 48, 55, 56, 101, 102, 103, and 154 at Newark Liberty International Airport, PANYNJ:** Similar to the above project that KC was awarded, KC will provide visual and hands-on inspections of various structures at Newark Liberty International Airport as prime consultant, which will determine the overall condition of the structures and identify structural and non-structural deficiencies, if any, which may present a potential safety hazard.

**NEW AWARD: Expert Professional Services for the Performance of a Condition Survey of Buildings 68, 8P, 9P, and 11P at Port Authority - Brooklyn Piers, New York Marine Terminal (NYMT), PANYNJ:** KC, as prime consultant, was awarded this project to inspect suspended ceilings and soffits at various buildings at the NYMT. These inspections will include the measurement and documentation of each ceiling suspension component and the spacing of each component to permit a comparison to the PANYNJ's ceiling design and evaluation criteria.

**NEW AWARD: Contract D041143: Term Agreement for Survey Services (TASS), Region 11, NYSDOT:** KC will be providing survey services in New York City for this term agreement as the prime consultant.

**RENEWED AWARD: Town of Milan Engineering Services 2024:** The Town of Milan chose to renew their agreement with KC to provide engineering services throughout 2024. φ

KC is providing quality management services for the JFK Central Substation #2 design-build project.





# NUMBERS



**32** ***New opportunities awarded in 2023***  
KC continually wins new jobs thanks to our qualifications and our leadership.

**2** ***Municipalities where KC is the Municipal Engineer***  
We take pride in serving our clients, especially when it benefits our local communities.

**73** ***Proposals submitted in 2023***  
KC's project managers, in tandem with the marketing group, produce a steady stream of new proposals, keeping KC at the forefront of the industry.

**115** ***KC employees***  
KC's staff is comprised of engineers from many disciplines, land surveyors, inspectors, and administrative staff.

**9** ***Job openings***  
KC is currently hiring for multiple positions. [Visit our website to learn more.](#)

**3** ***KC offices***  
The KC headquarters is located in New York, NY with regional offices in Newburgh and Albany, NY.