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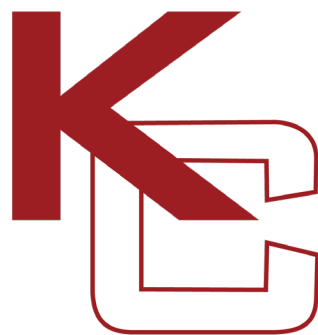
July 2020
kcepc.com

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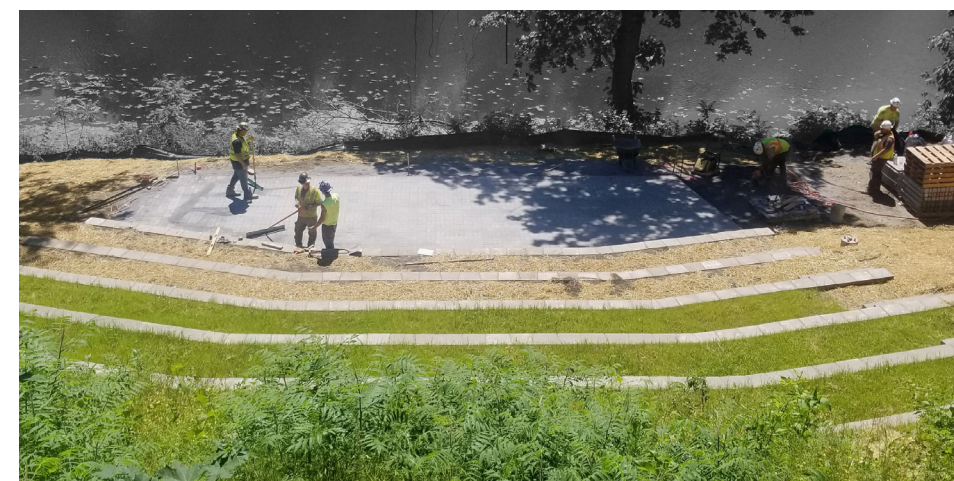
These recently awarded projects from the first half of 2020 are keeping KC busy.



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Statistics about KC.





A LETTER FROM RAJ RAVILLA

We are in a unique position as we transition to the second half of 2020. I share the concerns many have about the COVID-19 Pandemic; however, we are taking all the necessary precautions to maximize the safety of our employees while still providing excellent results for our clients.

As explored in this Newsletter's main feature, many KC employees have been working remotely these past few months due to the COVID-19 Pandemic. All employees quickly adapted to this new endeavor, turning this challenge to a successful opportunity for growth. Through expanded use of technology and with particular focus on communication

and quality, KC's staff are continuing to meet project deadlines.

It is our priority to be compliant with the legal and health recommendations from the CDC and NYSDOH. As KC staff begin to return to their offices, we are implementing new policies such as social distancing, and are adding stations throughout each office with masks and sanitization products. During this time of paramount concern, KC will continue providing excellent services to our clients despite the global Pandemic.

KC prides itself on delivering quality results to our clients on time and within

I want to thank KC's staff for being our most important resource.

budget. KC continues to grow in both size and professional ability this year with the addition of two new employees to our team and Chakradhar Vallabh, P.E. earning his Professional Engineering license. Also, KC was awarded several new contracts as both prime and sub-consultant. KC's continued commitment to the ISO Quality Management System has granted our professional team the necessary knowledge to execute each project effectively while meeting all client requirements and taking all necessary precautions. This standard of quality helps KC to continuously provide and improve safety,

timely project delivery, and overall client and employee satisfaction.

We approach the second half of the year with pride: all our employees are a crucial element of our team. We are proud that our team's diverse experience and expertise are what set us apart and allow us to demonstrate KC's talent and commitment to providing excellent services for our clients. I want to thank KC's staff for being our most important resource. KC will continue pursuing new opportunities and continue to grow. Let's finish the year strong.

-RAJ

MILESTONES

There is always much to celebrate at KC, including and especially our wonderful employees.



**CIVIL ENGINEER
ANDREW TRACEY**

Andrew started with KC five years ago this month. After graduating from Clarkson University in 2015 with ample real-world engineering experience already under his belt, he hit the ground running. Since joining the team, he has applied his expertise to some of our most important projects as an integral presence at KC. Congratulations, Andrew!



**SR. PROJECT ACCOUNTANT
THOMAS SHERIDAN**

Tom celebrates his five-year anniversary as a KC employee this November. His responsibilities at KC have included handling KC's billing matters, record keeping, and coordination with project managers and clients. A valued member of our accounting staff, he was recently promoted to Senior Project Accountant. Congratulations, Tom!



**VICE PRESIDENT
NANCY CLARK, P.E.**

KC Vice President Nancy Clark, P.E. was nominated to serve on the ACEC New York Executive Committee. She was voted into her position at the June 2020 Executive Committee meeting and assumed the role on July 1. Also on July 1, she started her second 2 year term for the ACEC New York Board of Directors. Congratulations, Nancy!



**SURVEY TECHNICIAN
EVAN HIRSCHMANN**

Evan started work at KC as a Survey Technician in March. A recent graduate of Rowan University, he is knowledgeable in Sketchup and ArcGIS, two crucial pieces of Land Surveying software. His diverse experience, including as an Environmental Specialist, will prove useful to the KC Land Surveying team.



**SENIOR INSPECTOR
SUNNY RANA**

Sunny joined the KC team in April with five years of experience under his belt, including ample experience working as a Senior Inspector on NYSDOT projects. His proven expertise makes him a perfect fit for NYSDOT's I-684 Bridge Deck Replacement project, for which KC is providing construction inspection services.



KC would like to extend our congratulations to Chak Vallabh, P.E. for receiving his P.E. license.

Excellent Work!



Aylin Elvidan Ibrahimova, born 2/7/2020 at 1:31 pm to Project Accountant Sevdie Dzeloska. 8 lbs, 1 oz, and 20.5" long. Congratulations!



Ronan Diamond Quigley was born to Jim Quigley and wife Lindsey Diamond on 2/2/2020 at 6:06 am. 8 lbs, 8 oz, and 20.5" long. Congratulations!



KC bids a fond farewell to two longtime employees in this newsletter. **Nick Burgher**, Survey Manager, worked at KC for over 10 years before moving on to pursue other career opportunities at NYCDEP. Executive Assistant **Helen Woo** worked at KC for over 21 years and retired in June. We wish them both the best and will always value their achievements at KC. Both were an integral part of their respective offices, and we will all miss their presence.



KC'S COVID-19 RESPONSE

KC's ongoing response to the COVID-19 Pandemic.

A new coronavirus – COVID-19 – emerged in December 2019 and has spread throughout the world, causing an illness that presents with a range of symptoms that can be mild or very severe.

While most who get infected with the virus fully recover, all must take care to slow the virus' spread, as its most common transmission is person-to-person. COVID-19 currently has no vaccine, and everyone must exercise caution as cases continue to rise in many parts of the world. In addition to good hygiene practices, precautions such as wearing face masks and social distancing, which involves physical distancing, have been proven to mitigate the spread of COVID-19.

Social distancing has been a difficult, but necessary, adaptation as many restrictions and, at times, closures are enforced on businesses to protect the population. Despite this, several essential businesses are allowed to remain open after adjusting their workplace practices to ensure the safety of their employees, clients, and the public. KC provides a comprehensive range of professional services essential to New York State's infrastructure and thus was deemed one of these essential businesses. Despite the rapidly changing world around us, KC

has continued to develop and uphold its reputation for completing all projects safely, on time, and within budget.

As the COVID-19 Pandemic escalated, KC took proactive steps to ensure the safety of all our employees while continuing to provide our clients with the consistent level of quality that they have come to expect from KC. Employees were kept apprised of the constantly evolving situation by KC Management as new information and guidance was released by New York State and its agencies / authorities as well as national and global health organizations, and KC has and will continue to comply with all applicable local, state, and federal guidelines. In March 2020, as the situation progressed, KC provided its employees with the option to work from home. With the infrastructure in place before this Pandemic for 80% of KC staff to work remotely and our IT Department working daily to quickly set up the remaining 20% of KC employees for remote work, the ensuing shift to remote work occurred rapidly, with all office staff provided the option to work from home by the end of March. As most staff had experience with remote work before the Pandemic began, this transition was seamless. KC's IT Specialist

was able to provide technical support to keep the team working efficiently despite the physical distance, and KC was quick to adapt, allowing for an effective continuation of employees' workflow.



KC's departments adjusted to the changing environment while following all applicable legal and health guidelines. For example, all KC staff working in the field continued to wear appropriate PPE at all times and practice appropriate social distancing measures. Additionally, our Survey Manager

purposefully assigned the same personnel to work together as one crew to minimize each survey crew's exposure. Agencies and municipalities allowed digital submission of proposals, allowing administrative work to be completed remotely. KC's continued success is enhanced due to our flexibility and ingenuity in our approach to any unforeseen circumstances that may arise over the course of our work.

KC employees continued and improved their effective coordination and communication practices as KC moved remote, which we believe are some of the keys to success in completing our projects. While the COVID-19 Pandemic has changed that coordination, KC has adapted and continues to approach our projects with the same, if not greater, level of care, attention, and quality. KC is certified to ISO 9001:2015 standards and regularly verifies that our employees are conforming to our quality standards, providing the basis for KC's approach to quality.

As one of KC's Vice Presidents notes, "[t]he remote environment requires even more intentional focus to communication. With practice, that intensified communication has been happening, and work has continued to positively progress. We are very fortunate that

KC had adequate infrastructure to support our quick change to remote work, and we are proud to continue to actively advance our projects and achieve positive results for our clients."

Using the tools made available to them by KC, our employees have continued to effectively and efficiently further work on KC's projects. Several employees have praised KC's technological capabilities and infrastructure as being crucial to facilitating and enhancing their remote work. While working remotely provides more time for family, sleep, and



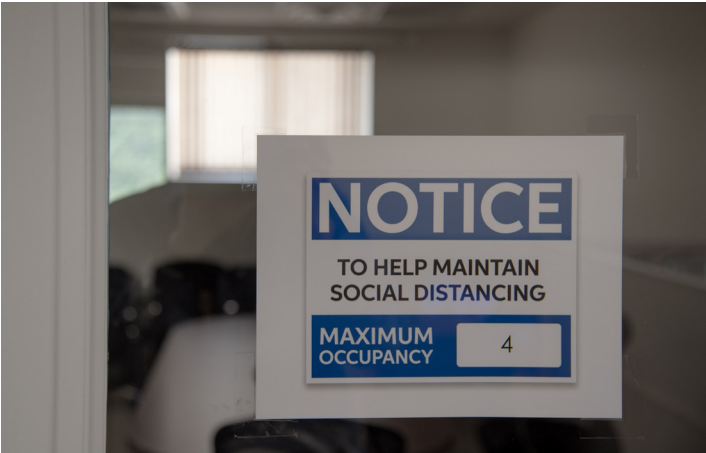
work partly due to a reduced commute time and a readily available home workspace, it removes opportunities for crucial face-to-face collaboration and requires more purposeful collaboration virtually. Some collaboration strategies utilized by KC employees have included screen sharing, dedicated group chats in Microsoft Teams for different projects or tasks, and constant check-ins and virtual meetings to ensure work is progressed as planned. While technology can be extremely helpful in facilitating remote collaboration, many at KC have stressed the importance of paying greater attention to effective communication between both project staff and clients to ensure the continued cohesion, productivity, and overall quality for which KC is known.

"Early on in the shelter-in-place mandate for COVID-19, KC was advised of approximately one hundred shop drawing comments originating from a New York City agency for one of our design projects. The challenge was that this agency was not accustomed to marking up shop drawings themselves. This agency expected to communicate their comments to KC verbally and have KC make the physical redlines on the shop drawings. Under a typical situation, the procedure

would be for KC to go to the agency office for a face-to-face meeting where all comments would be discussed, recorded, and then carried over to the shop drawings. As having a face-to-face meeting at this time was no longer an option, the agency agreed to meet us online utilizing Microsoft Teams. During this meeting, KC performed a virtual page turn where we made live markups on the screen using Bluebeam Revu. Using the online technology available to us, we were able to perform this shop drawing review task more efficiently as the markup was done in real time, rather than noting the comments on paper at a face-to-face meeting and then transposing them afterwards. KC turned around all agency comments to the contractor within a very short amount of time, which was highly appreciated by our client, the general contractor, and the New York City agency." – a KC Project Manager

While KC has been able to adapt quickly to remote work and maintain our existing levels of quality, KC employees will not work from home permanently. Working in an office environment provides many benefits, including ease of communication, promotion of a more effectively collaborative work environment, and innovation due to physical proximity.

However, these benefits must be leveraged against public health considerations. To help provide a safer working environment once KC employees return to our offices, supplies were procured, including face masks and gloves, disinfectants, and touchless sanitizer



dispensers for our offices. Additionally, in late June, KC Management issued a **Return to Work Action Plan** "to clearly communicate our plans moving forward, highlight workplace protocols in place to protect [employee] safety, and establish a level of comfort for all of our employees as we ask you to return to the office." New procedures and social distancing requirements that provide enhanced safety were outlined in advance of the gradual return of employees to KC

offices beginning this month. Safety remains the highest priority at KC, and while we have begun gradually bringing employees back to their respective offices as part of a partial reopen, circumstances could change again due to the still-evolving situation with COVID-19 and KC is prepared to return to remote work if needed to ensure the safety of our employees and clients.

With KC offices measured for compliance with social distancing guidelines, employees returning to the office enjoy ample space and can easily socially distance. KC employees have access to protective and disinfectant supplies, including face masks and hand sanitizer, and employee health is monitored as one of KC's top priorities in ensuring a safe work environment. Common areas have reduced occupancy, meetings will be conducted virtually wherever possible, face-to-face work will be minimized in general, and employees will be required to wear masks when they cannot maintain a distance of six feet apart from each other. We are very lucky that New York State has effectively mitigated the spread of COVID-19, but we must remain vigilant as new cases of the virus could again begin to spike in our area. We look forward to having all our staff return to work in a safe

environment and will continue to prioritize safety while providing excellent services to public and private agencies in the New York metropolitan and Mid-Hudson Valley areas. ϕ



THE ROAD AHEAD

Due to the COVID-19 Pandemic, roads have not seen the typical increase in traffic during the warmer months of the year.

This lack of movement has contributed to adverse effects on the economy, yet it has also contributed to a noted reduction in air pollution and car accidents. While there have been reports of some drivers taking advantage of the open roads — some drivers have felt empowered to speed on roads that would normally be inundated with traffic, falsely believing that it is now safer to do so — data has shown an overall reduced frequency of accidents and that our roads have gradually gotten safer over the past several years.

KC's Civil and Transportation Engineers pride themselves on designing safe and efficient roadways by considering the many factors involved, including established design standards, anticipated driver behavior and reaction times, stopping distances, and the surrounding environment.

Reduced automobile travel has created an unseen benefit for our transportation infrastructure: many workers have been able to make critical infrastructure repairs and improvements to our roadways within a calmer environment. Operations can proceed with less congestion and disruption to travelers, allowing some work to be completed at a quicker pace. Worker safety is also enhanced due to fewer vehicles traveling through work zones. As traffic slowly but surely returns to our roads, we must continue to keep safety in mind as we reap the benefits of these welcome improvements to our transportation infrastructure. KC's engineering and construction inspection professionals have been integral to the success of many high-profile infrastructure projects, and our proven track record of quality ensures that these improvements will benefit the public for years to come. ϕ



PROJECT HIGHLIGHTS

KC utilizes our time-tested and dedicated multi-disciplinary approach on all projects, which has resulted in a consistent flow of new work for the company.

KC's diverse worklog demands meticulous attention to detail, and our highly capable staff is always ready to rise to the occasion.

NEW AWARD: PIN 8005.26: Broadway Pedestrian and Traffic Signal Improvements, City of Newburgh: This project will provide safe access for pedestrians and vehicles traveling in the City of Newburgh. The project scope involves reconstruction and improvements to curb ramps and traffic signals along Broadway between Chambers Street and Robinson Avenue, including mid-block crossings for intersections without through streets. KC will be performing topographic and right-of-way survey services on this project.

NEW AWARD: D037956, PIN 8813.41: Construction Inspection, Bridge Rehabilitation Project, NYSDOT: KC will be performing Construction Inspection services for five bridge rehabilitation projects in the NY counties of Columbia, Dutchess, Putnam,

and Ulster. The work to be inspected includes repair and/or replacement of bridge decks and approaches, bridge joints, steel girders, bearings, bridge rail, concrete substructure, concrete box beam superstructure, pier scour, structural steel, and safety walks.

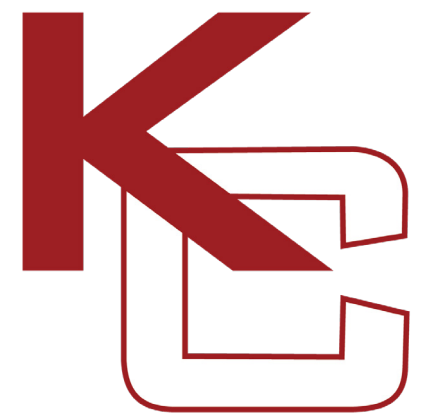
NEW AWARD: D037963, PIN 8239.54: Construction Inspection Services, PMI Paving Route 9W, Orange/Ulster Line to Chapel Hill Road, NYSDOT: KC is providing a Senior Inspector for this paving project on Route 9W. The work consists of milling off the top layer of Asphalt Cement Concrete (ACC) and replacing it with new ACC. The project also includes repairs to sidewalks for compliance with ADA.

NEW AWARD: D037720-01, PIN 8814.51: Regional Design Services Agreement (RDSA) Region 8, NYSDOT: For this RDSA assignment, KC will be providing the Traffic Collision Analysis and traffic forecasts.



KC Civil Engineer Ray Abbiatici, E.I.T. and KC President Raj Ravilla, P.E. look on as the first gantry is raised for NYSTA's Cashless Tolling Design-Build project.

NEW SHORTLIST: D900051, PIN X731.64: Design-Build Services for Hunts Point Interstate Access Improvement Project - Contract 2, NYSDOT: KC was shortlisted for this project as part of the Yonkers Lane Design-Build team. The project scope involves various improvement, rehabilitation, and replacement tasks for several bridges and roadways associated with the Hunts Point Interstate. KC will be providing quality management and quality control services on this project. φ





Construction on Franny Reese Park in Wappingers Falls, NY is underway. KC provided area and initial site mapping, topographic survey and base mapping, asbestos report development, advancement of the conceptual plan, preparation of preliminary working drawings and bid documents, and opinions of probable construction cost.

NUMBERS

14 ***New opportunities awarded in 2020 so far***
KC continually wins new jobs thanks to our qualifications and our leadership.

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

91 ***Proposals submitted in 2020 so far***
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.

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

2 ***KC offices***
KC is currently located in New York, NY with a regional office in Circleville, NY.

293 ***Milestones completed in 2020 so far***
Project milestones, sometimes called "tasks," define key developments. KC works to complete all projects on or ahead of schedule.

1 ***Career position currently listed on KC's website***
There are plenty of opportunities to join KC, and new ones are always being added. Visit our website's career page at www.kcepc.com/careers to find out more.