

GRANT ADMINISTRATION

Application Experts.



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At KC Engineering and Land Surveying, P.C. (KC), our interdisciplinary team ensures responsible solutions tailored to planning challenges and specific clients' needs.

KC has witnessed the escalation in project costs over the past two decades, and we are well aware of the budgetary strains our municipal clients face due to declines in tax revenues and increases in mandated services. To help our clients face these challenges, we work constantly to identify opportunities to source funding for our projects.

KC regularly succeeds in securing funding for the design and construction of municipal building and infrastructure projects for our clients. We have helped our clients secure Community Development Block Grants (CDBG), Municipal Shared Services Grants, and Environmental Facilities Corporation (EFC) grants and financing, as well as Clean Water State Revolving Fund (CWSRF) and Drinking Water State Revolving Fund (DWSRF) grants and financing.

Our extensive experience with these programs allows us to effectively manage them once our client has been awarded funding, thus expediting the submission and reimbursement process while minimizing costs to the client.

KC's grant administration group consists of junior and senior compliance specialists, constructability reviewers, FEMA and FHWA reimbursement coordinators, grant coordinators, permit reviewers, and safety and quality engineers with expertise in FEMA aid and FHWA reimbursements; permitting with local, county, and state agencies; grant research, application processes, and presentations; and quality control and quality assurance reviews.

Services

- Application & Loan Research
- Code Compliance
- Constructability Reviews
- Cost Estimates
- Economic Savings
- Engineering Plans
- FEMA Aid
- FHWA Reimbursements
- Field Inspections
- Grant Applications
- Permitting
- Plan Reviews
- Project Scheduling
- Safety Reviews



Washington Heights Sidewalk Improvements (CDBG), Wallkill, NY | This Community Development Block Grant (CDBG) project consisted of installation of 900 LF of sidewalks, curbs, storm drain, rehabilitation of existing catch basins, lighting, and striping. The sidewalk was proposed along the eastern side of Route 17M between Ohio Avenue and the location across from Beakes Street in the Town of Wallkill. KC designed the sidewalks and curbing to allow safe travel for pedestrians of the Washington Heights neighborhood. KC prepared the preliminary and final surveying and mapping; designed the sidewalks, curbs, and drainage; and prepared the contract documents, plans, and specifications for the project. During the administration of the grant, KC worked closely with officials from the Town as well as the County CDBG office.



DeLavernge Avenue Reconstruction (CDBG), Wappingers Falls, NY | This project consisted of the reconstruction of 1,000 LF of road, sidewalks, and curbs; portions of the sanitary sewer main and laterals; and the entire water main and service connections along DeLavernge Avenue in Wappingers Falls between Route 9D and Sheafe Road. KC completed the application process, allowing the Village to obtain the necessary funding to complete the project. During the administration of the grant, KC worked closely with officials from the Village and the County CDBG office.



KC expedites the submission and reimbursement process while minimizing costs to the client.

Clean Water State Revolving Fund (CWSRF), Wappingers Falls, NY | KC prepared the map, plan, and report and conducted the Environmental Records Review (ERR) for the Village of Wappingers Falls to secure a hardship loan from the Clean Water State Revolving Fund (CWSRF) section of the Environmental Facilities Corporation in the amount of \$14.8M.

This project included the rebuild of 14 streets, including sanitary sewer collection mains and laterals; rebuild of the aerators at the Tri-Municipal Sewer Plant; and rebuild of the sludge drying facilities at the Tri-Municipal Sewer Plant.



Infrastructure Hardening Grants, Wallkill, NY | KC investigated and secured grants through a program funded by the Federal Disaster Relief Appropriations Act designed to fund projects that reduce future storm damage risk and enhance resiliency for natural disasters.

The first project was modernizing the Town's water system by providing a centralized data acquisition and management system. This project was already planned and under design to prevent losses experienced during Hurricanes Sandy, Irene, and Lee. With this program, the Town realized a benefit of \$2.0M.

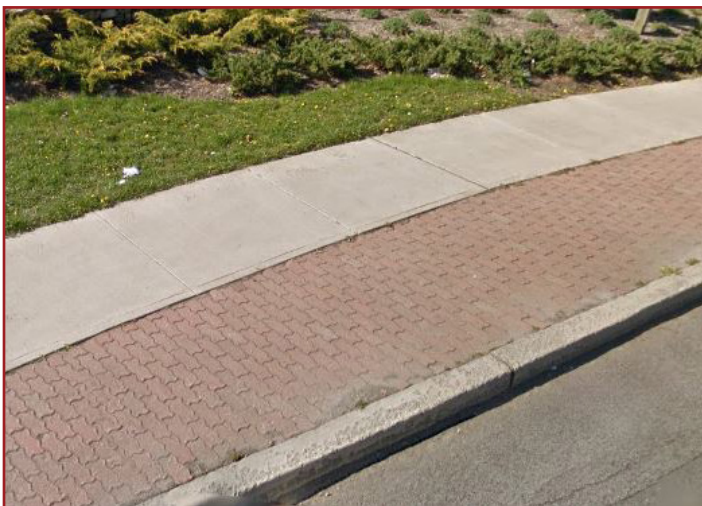
The second project provided connections to adjoining water systems providing redundancy and the ability to supply water to 50,000 people in 3 municipalities from up to 27 water sources. With this program, the Town realized a benefit of \$1.1M.

KC administered the application and approval process while working closely with Town officials, NYSDOH, and NYSEFC from the initial engineering report through the final grant application to ensure receipt of funds reimbursement.





Utility and Roadway Improvements, Wappingers Falls, NY | This project called for the complete utility replacement and reconstruction of the roadway of 4 streets in the Village, totaling approximately 4,200 feet. KC provided engineering and surveying support as well as construction inspection services. KC also helped secure financing assistance from the New York State Environmental Facilities Corporation in the form of a \$14.8M, 0% 30-year loan. This will save the Village millions of dollars in interest charges over the term of the loan.



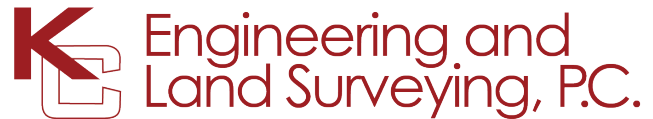
East Main Street Sidewalks (DASNY), Wappingers Falls, NY | Through the Dormitory Authority of the State of New York (DASNY), with the help of then-State Senator Gipson, KC was able to obtain a grant that provided funding for repairs along East Main Street in the Village of Wappingers Falls. The grant allowed for the complete reconstruction of East Main Street's sidewalks in a heavy pedestrian-use area of the Village. KC completed the application process, allowing the Village to obtain the necessary grant to complete the project. During the administration of the grant, KC worked closely with officials from the Village, DASNY, and State Senator Gipson's office.

Winding Brook Drainage Corridor Study, Wallkill, NY

| The Winding Brook drainage corridor traverses several residential neighborhoods as well as industrial and commercial zones before converging with the Wallkill River. KC was selected by GOSR and the Town of Wallkill to design a permanent solution for the flooding in the stream system. Each culvert was inspected and a detailed study was performed to determine the best solution. The costs for the individual culverts were estimated using standard engineering practices, and a programmatic cost was developed for the entire system that was compliant with GOSR funding for the project and accomplished the requirements of the project.



Water System Interconnect, Wallkill, NY | The Town of Wallkill is located in close proximity to two adjoining municipal water systems. During emergencies, the City of Middletown and the Village of Goshen share their water. KC, as the Town of Wallkill Engineer, located a suitable grant and successfully pursued a grant application, which provided for the construction of municipal water interconnections. KC worked closely with the Town in negotiations for an intermunicipal agreement between both the City and the Village and assisted the Town with securing the required permits and approvals. The connection with the Village of Goshen was configured to allow water to be sourced at one municipality's well field and treated at the others' treatment plants. Two connections were made with the City of Middletown to feed the two zones in the City and three zones in the Town of Wallkill due to its proximity to the Town's booster pump station.



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KC Engineering and Land Surveying, P.C. (KC) is a diversified, multidisciplined consulting engineering firm. Since 1983, KC has provided our public and private sector clients with a comprehensive range of professional services using only the latest technical equipment. The corporate headquarters of the firm is located in New York City with a branch office in Newburgh, NY. KC has extensive experience with government agencies, municipalities, and private clients; a diverse, professional staff; and an impeccable record of services rendered.

