



Statement of Qualifications

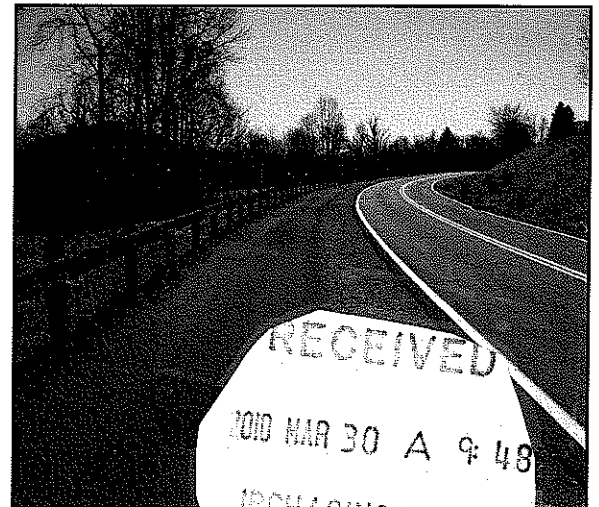
STONEWALL JACKSON STATE PARK PATHWAY CONSTRUCTION

Prepared for

West Virginia Division of Natural Resources,
Parks and Recreation Section

Prepared by

KCI Technologies, Inc.
March 30, 2010





ENGINEERS • PLANNERS • SCIENTISTS • Construction Managers

48 DONLEY STREET, SUITE 502 • MORGANTOWN, WV 26501 • 304-296-3611 • (FAX) 304-296-8046

March 29, 2010

Mr. Frank Whittaker
Purchasing Division
Building 15
2019 Washington Street, East
Charleston, WV 25305

Re: Stonewall Jackson Resort State Park
Pathway Construction
DNR # 210166

Mr. Whittaker,

KCI Technologies, Inc. (KCI) is pleased to submit this proposal to provide the West Virginia Division of Natural Resources with professional engineering/architectural and related services for the design and construction of a pathway at Stonewall Jackson Resort State Park.

KCI is an employee-owned, multi-discipline engineering firm employing approximately 900 engineers, scientists, planners, construction managers and technical support staff. Our Team is eminently qualified to provide the necessary engineering and consulting services for this project.

The team can provide all required disciplines using in-house resources, ensuring close coordination and proper continuity to complete the tasks on time and under budget. The project will be managed from KCI's Morgantown, WV office, ensuring a rapid response to any of the town's requests.

We appreciate your consideration of the KCI team, and we look forward to working with the West Virginia Division of Natural Resources on this important project.

Sincerely,
KCI TECHNOLOGIES, INC.

Robert R. Milne, PE
Regional Practice Leader

Direct Line: (304) 296-3611
Email: robert.milne@kci.com

Firm Profile

As one of the nation's leading multi-discipline, full-service engineering firms, KCI Technologies, Inc. (KCI) is consistently ranked among the top 100 consulting engineering firms in the country by *Engineering News Record*.

With a professional staff of engineers, planners, scientists, surveyors, and construction managers, we offer a broad range of engineering services, including civil, structural, transportation, environmental, hazardous waste, mechanical, electrical, telecommunications, and soils. We also provide cultural and environmental resource management services, land planning and landscape architecture, geology, hydrology, ecology, surveying, and construction management and inspection.

The professional staff is supported by CADD (Computer-Aided Drafting and Design) designers, BIM (Building Information Modeling) designers, GIS (Geographic Information Systems) experts, and database analysts, programmers, and technicians; as well as state-of-the-art computer, field, and lab equipment. KCI's computer network supports the firm's core production systems, including BIM, CADD, GIS, three-dimensional visualization/animation tools, document processing and desktop publishing, and project management. The firm's integrated approach to automating design, drafting, documentation, and presentation minimizes costs, facilitates coordination among engineering disciplines, and expedites the production of high-quality products.

At KCI, we believe that our broad technical expertise, combined with our unique commitment as employee owners, has enabled us to emerge as industry leaders whose customers can count on excellent service time and again.

History

KCI traces its corporate history to a Baltimore firm founded in 1955. In the early 1970s, the firm – along with a number of other privately held engineering companies – joined Kidde, Inc., and became known in 1978 as Kidde Consultants, Inc. In August, 1987, Hanson Trust, PLC, of Great Britain (a manufacturing company with diversified holdings, worldwide) purchased Kidde, Inc. In 1988, an employee buyout was completed, creating Maryland's largest employee-owned company. The firm officially changed its name to KCI Technologies, Inc., in 1991.

Location

KCI has been working throughout the state of West Virginia for more than 10 years and is familiar with conditions and infrastructure of West Virginia. Our local office has a wide range of experience working with various state agencies, as well as private developers and contractors. Our backgrounds range from WVDOH to USDA Rural Development. We have engineers who understand and advocate for the needs of rural communities and public service districts. KCI has the knowledge to aid our clients in all aspects of this project including but not limited to preliminary study, preliminary design, funding assistance, final design, bidding services, construction administration, construction inspection, or any other service needed to complete these types of projects.

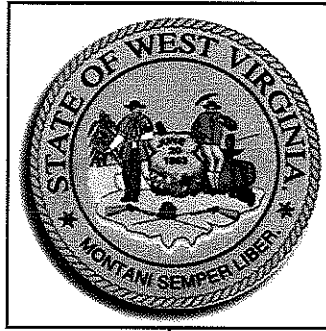
Experience with Parks and Recreational Facilities

KCI has experience designing new construction projects parks and recreation facilities. Currently, KCI is a subconsultant to Paradigm Architecture for the Cacapon Resort State Park Improvement Project. KCI is providing engineering services for the golf course. The improvements are to be commensurate with a Robert Trent Jones style course. KCI is also providing design services to upgrade the park's waste water collection system, and improve the potable water distribution throughout the park. KCI will also be providing site/civil engineering and landscape architecture services to accommodate the addition to the resort that is currently being designed by Paradigm Architecture.

KCI Technologies has provided multi-discipline services for numerous parks and recreational facilities, including:

- Folly Lick Trail, Herndon, VA
- Chesterwood Park, Dundalk, MD
- Cowenton Park, Baltimore County, MD
- Dundee/Saltpepers Creek Park, Middle River, MD
- Baltimore Hebrew Congregation Park, Baltimore, MD
- Historic Hagerstown Fairgrounds, Hagerstown, MD

Proposed Personnel



PROJECT MANAGER & DESIGN ENGINEER

JOHN RUDMANN, PLA, PE, LEED AP

QUALITY ASSURANCE/QUALITY CONTROL

MICHAEL PUMPHREY, PE

CAD TECHNICIAN

JOHN PITMAN

GRANT WRITING/FUNDING

STEVEN HAMIT, PE*

CONSTRUCTION MONITORING/INSPECTION

JASON PAULEY*
(RESUME NOT INCLUDED)

* - As Needed

Stonewall Jackson State Park Pathway Construction

Qualifications

John Rudmann, PLA, PE, LEED AP

Project Manager

Education:

BS / Civil Engineering
BS / Landscape
Architecture

Registration:

PLA / WV / 341
Also RLA in MD, OH, and PA
PE / WV / 14779
Also PE in MD and PA
LEED AP

Total Years with KCI: 3

Total Years of Experience: 15

Mr. Rudmann is a licensed civil engineer, a licensed landscape architect, and a LEED Accredited Professional. His responsibilities have included being a Project Manager, a Senior Civil Engineer, and a Senior Landscape Architect for many trail design projects. As a designer, his design tasks have included trail design, site master planning, stormwater design, utility design, grading, access road design, erosion and sediment control design, pedestrian plaza design, site permitting, golf course design, and completing project specifications. He has completed large and small trail master plan and final design projects. Relevant project experience includes:

Cacapon Resort State Park Lodge Expansion and Park Improvement. Berkeley Springs, WV. *Site/Civil Engineer*. For the lodge facility, Mr. Rudmann is responsible for completing the overall design of all site/civil services, which included access roads and parking lot, utility lines, sidewalks, drainage, stormwater retention, grading plans, landscaping, erosion and sedimentation control, and permitting. For the golf course renovations, Mr. Rudmann is responsible for pond bank stabilization; complete sand bunker renovation including new drainage system design, adding liners, re-shaping, re-edging, and re-contouring; and replacement of most existing site drainage structures.

Woodrow Wilson Trail Project. VA, MD, DC. *Landscape Architect*. Mr. Rudmann was responsible for developing concepts for linking pedestrian/bicycle trails from VA, MD, and DC together. The result is a cohesive trail system that not only provides for recreation but also functions as a connection to local office parks and retail businesses. One of the major design challenges was designing a safe trail system in a high crime area.

Center Street and Philadelphia Avenue Park/Trail/Parking Area Project. Bridgeport, WV. *Project Manager*. Mr. Rudmann was responsible for designing a 2,000 foot trail, two parking lots, an active and passive recreational area, and creatively obtaining additional parking for the downtown area. A preliminary feasibility study was conducted to determine future trail paths to connect this park into the cities network of trails. A focal point was developed in the center of the site to draw people in from Main Street. This multi-use space was specifically designed for vendors to set up quickly and safely as well as for concerts and picnics. Mr. Rudmann created four conceptual design alternatives along with the corresponding cost estimates.

Star City Sidewalk and Trail Improvements. Morgantown, WV. *Project Manager*. Mr. Rudmann was responsible for the conceptual design of a trail and sidewalk system to tie the community's many diverse land uses together. The design included connecting a rail trail, the Star City Bridge, a shopping plaza, stand alone businesses, the WVU soccer complex, the WVU Coliseum, city street sidewalks, a series of trails winding through the community, and residences. One of the design challenges was to maintain an ADA compliant trail system while traversing steep grades and staying within the limited right of way. Locations for future parks and were designed along with the corresponding trail connections.

Morgantown Trail Connection Project. Morgantown, WV. *Landscape Architect*. Mr. Rudmann completed a study to develop a pedestrian/bicycle connection between the Evansdale Campus and the Downtown Campus. The design included a shared use path along a major street, sidewalks, and pavement delineation.

Stonewall Jackson State Park Pathway Construction

Qualifications

Michael Pumphrey, PE
Quality Assurance/Quality Control

Education:

MS / Civil Engineering
BS / Civil & Environmental
Engineering

Registration:

PE / WV/ 16006
Also PE in PA

Total Years with KCI: 1
Total Years of Experience: 11

Mr. Pumphrey is a senior civil engineer at KCI. He has experience in highway design, site/civil design, sidewalk design, stormwater management, utility design and coordination, street and highway temporary traffic control design, pavement design and preventive maintenance, and right-of-way coordination. Serving as both a project manager and project engineer, Mr. Pumphrey has experience in supervising design teams, project management and scheduling, preparing and reviewing contract documents and plans, and client communication/interaction. Relevant experience includes:

Town of Franklin Sidewalk Project. Franklin, WV. *Project Manager.* KCI was recently selected by the Town of Franklin to provide engineering services for a sidewalk improvement project. Located in the Allegheny Mountains near the Monongahela Nation Forest, the Town of Franklin draws many tourists with its festivals and outdoor recreation opportunities. Many of the sidewalks in Franklin are severely deteriorated and substandard in design. Some streets that receive substantial pedestrian traffic do not have sidewalks at all. The town proposes to replace approximately 1,446 feet of existing sidewalks to improve pedestrian safety and ADA compliance and to construct approximately 3,230 feet of new sidewalk to improve pedestrian circulation. To date, Mr. Pumphrey has conducted a site evaluation of the existing sidewalks, streets, and utilities and has prepared a Preliminary Engineering Report with recommendations for sidewalk improvements that will enhance pedestrian circulation and safety. Mr. Pumphrey is responsible for management of the design team, project scheduling and budget, and client communication/interaction.

New Northside Fire Station. Morgantown, WV. *Project Engineer.* KCI was responsible for overall site design, access roads, utility lines, sidewalks, drainage, stormwater quality and retention, grading plans, erosion and sedimentation control plans, and the site/civil permitting for the new Northside Fire Station for the City of Morgantown. Client is pursuing LEED certification. Mr. Pumphrey was responsible for responding to contractor RFIs, construction shop drawing review, and onsite contractor coordination meetings.

Event Center and Garage. Morgantown, WV. *Project Engineer.* KCI provided site/civil engineering and landscape architecture services for the new Morgantown Event Center and Parking Garage, located in the Wharf District of Morgantown, WV. Services included access roads and parking lot, utility lines, sidewalks, drainage, stormwater retention, grading plans, landscaping, erosion and sedimentation control, permitting, and project specifications. Mr. Pumphrey assisted with stormwater management plan development, grading plans, parking lot layout, and pavement marking and signing plan development.

Design and QA/QC Services for Landfill Leachate Lines. Marion County, WV. *Project Engineer.* Project involved engineering services to include surveying and mapping; design engineering; preparation of construction contract drawings and specifications suitable for letting construction bids; quality control/quality assurance following design approval, bid processing, and during installation; assistance with all applicable permits, rights-of-way, and easements; and approvals for the Marion County Landfill connection to the Town of Farmington wastewater treatment plant.

Stonewall Jackson State Park Pathway Construction

Qualifications

John Pitman
CAD Technician

Education:

BS / Civil Engineering

Total Years with KCI: 11

Total Years of Experience: 12

Mr. Pitman is a site/civil designer at KCI. His tasks include the development of existing conditions, demolition, erosion and sediment control, site, grading, and utility plans along with creating detail sheets for site specific elements. Mr. Pitman is also an experienced highway designer with a background in the preparation of roadway construction, right-of-way, sign, and pavement marking plans. Other responsibilities include performance of field surveys and construction stake out, traffic studies, stormwater and sanitary sewer design, and cost estimation. Relevant experience includes:

Cacapon Resort State Park Lodge Expansion and Park Improvement. Capacon, WV. *Designer.* KCI is a subconsultant for the Cacapon Resort State Park Improvement Projects. KCI is currently providing engineering services for the golf course. KCI is also providing design services to upgrade the parks waste water collection system, and improve the potable water distribution throughout the park. KCI will also be providing site/civil engineering and landscape architecture services to accommodate the addition to the resort that is currently being designed by Paradigm Architecture. Mr. Pitman is responsible for creating digital base mapping from compiled aerial photogrammetry for CAD implementation. He is also responsible for field investigation, existing storm water drainage evaluation, golf course/bunker drainage improvements, golf course pond improvements, and fire hydrant/ flow testing.

Event Center and Garage. Morgantown, WV. *Designer.* KCI provided site/civil engineering and landscape architecture services for the new Morgantown Event Center and Parking Garage, located in the Wharf District of Morgantown, WV. Services included access roads and parking lot, utility lines, sidewalks, drainage, stormwater retention, grading plans, landscaping, erosion and sedimentation control, permitting, and project specifications. Mr. Pitman's responsibilities included plan presentation for final construction documents, overall grading, and assisting on the development of erosion and sedimentation, site, landscape, and utility plans. Also created roadway profiles, cross sections, project specific details, and checked vehicular turning movements throughout the project site using the Autoturn software.

New Northside Fire Station. Morgantown, WV. *Designer.* KCI was responsible for overall site design, access roads, utility lines, sidewalks, drainage, stormwater quality and retention, grading plans, erosion and sedimentation control plans, and the site/civil permitting for the new Northside Fire Station for the City of Morgantown. Client is pursuing LEED certification. Mr. Pitman was responsible for plan presentation for final design, consisting of parking lot and bio-cell grading, and the development of erosion and sedimentation, site, utility, and sign fabrication details.

Mechanicsburg Gap Bridge, US 50 over Mill Creek. Hampshire County, WV. *Designer.* This project involved a two phase design effort to determine the requirements for the renovation of the existing Mechanicsburg Gap Bridge in Hampshire County. Mr. Pitman's responsibilities included the preparation of preliminary and final roadway plans associated with the proposed widening and rehabilitation of the bridge structure. Other responsibilities included the development of exhibits for use in TS&L, H&H Studies, and 404 permit packages.

Stonewall Jackson State Park Pathway Construction

Qualifications

Steven Hamit, PE
Grant Writing/Funding

Education:

BS / Civil Engineering

Registration:

PE / WV / 18043

Also PE in OH and PA

CPESC / 3999

Total Years with KCI: 4

Total Years of Experience: 21

Mr. Hamit has more than 21 years of civil engineering experience in the grant funding, municipal/public works field. Mr. Hamit has served in various roles including design engineer, Assistant City Engineer, and City Engineer. He has a strong focus on project funding and scheduling. Mr. Hamit is a very highly motivated solution oriented professional focused on client services.

Mr. Hamit will be the point of contact for the Client if they desire support in acquiring additional project funding.

Stevens Park Area Drainage Design Phase 1 & 2. Niles, OH. *Civil Engineer.* Mr. Hamit prepared a base map and drainage study for a large residential area in the City of Niles that drains to the Stevens Park Ravine. A new drainage system was modeled and designed to have the capacity required for a 10-year event and the hydraulic grade line was reviewed for the 25 and 50 year storm events. Construction drawings were then prepared for public bid. Prepared the Ohio Public Works Commission application and submitted the projects for funding. These projects were funded through Ohio Public Works Program and the City of Niles Capital Improvement budget. Also provided construction administrative services.

Faircrest Grant Application and Assistance, Canton, OH. *Project Manager.* Mr. Hamit was responsible for the completion and development of the United States Army Corps section 594 grant application for the final design, construction, and construction administration. This project is a new sanitary sewer trunk line that when constructed will serve a new annexed area to the City of Canton that will be developed into an industrial development.

Wastewater Treatment Plant Upgrade. Massillon, Ohio. *Project Manager.* Mr. Hamit managed the planning, funding, design, and the construction phases of the major upgrade. In an effort to lower the interest rate for the City of Massillon, extensive coordination with Ohio EPA DEFA and various other agencies throughout the state was performed, resulting in the successful funding of six agencies' multiple projects. These projects included the Mahoning River Project, the City of Kent Dam Restoration, and the purchase of land for the University of Akron, Cleveland Museum of Natural History, and the Sawmill Metro Parks. By sponsoring these various agencies, the City of Massillon was able to save \$250,000.00 per year in interest for the next 20 years.

S.R. 21 and Erie Street South Interchange. Massillon, Ohio. *Project Manager.* Mr. Hamit played an instrumental role in financing, design coordination, and construction of the north on-ramp and the south off-ramp at the intersection. The project encouraged the commercial and industrial development of the southern portion of the City of Massillon, resulting in a positive social and economic benefit. Mr. Hamit worked very closely with the City's bonding agencies to create a Tax Increment Financing District (TIF), allowing the City to construct the project. Applied to the local Metropolitan Planning Organization and ODOT for the reimbursement of the funds to the TIF.

City of Massillon Recreation Center. Massillon, Ohio. *Project Manager.* Mr. Hamit performed project management services for the City of Massillon Park and Recreation Department. These services included the review of the soil reports, site civil work, utility coordination, and coordination with the architect and the construction crews.

Stonewall Jackson State Park Pathway Construction

Qualifications

Cacapon Resort State Park Berkeley Springs, WV

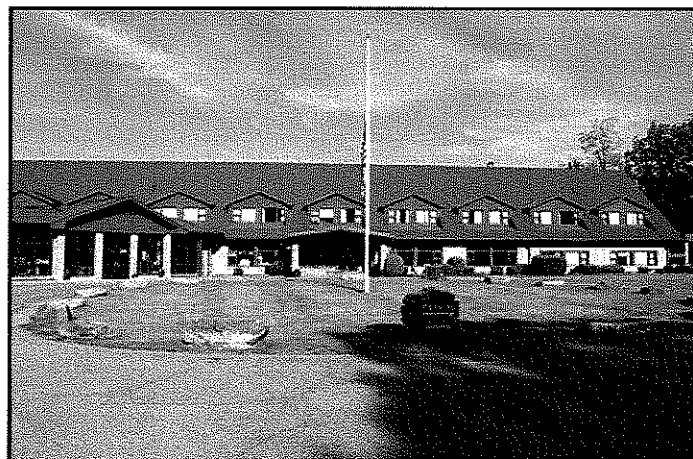
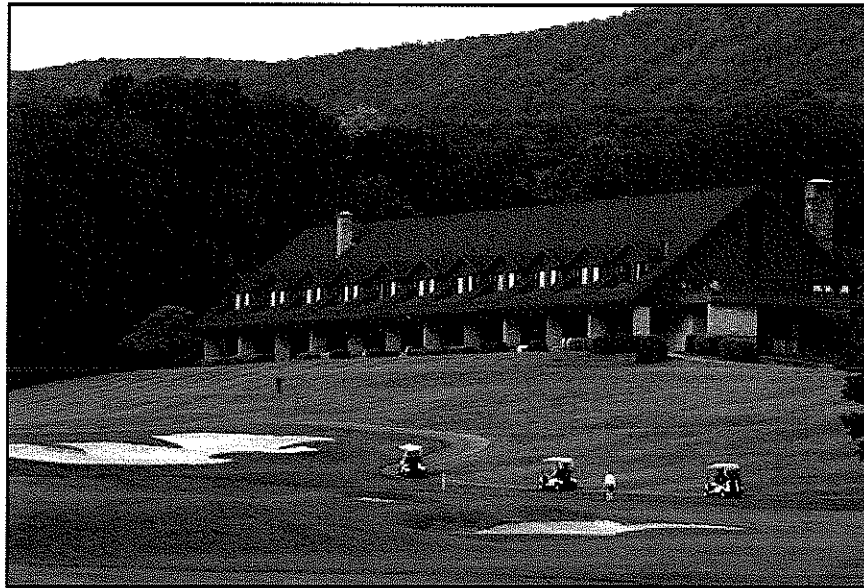
KCI is a subconsultant to Paradigm Architecture for the Cacapon Resort State Park Improvement Projects. This project involves engineering services for the golf course. The improvements are to be commensurate with a Robert Trent Jones style course.

KCI is providing design services to upgrade the parks waste water collection system, and improve the potable water distribution throughout the park. Specifically, KCI performed water supply, treatment, and distribution studies and made recommendations for system improvements. The water supply study included field evaluation and documentation survey of water wells and using conclusions to plan water treatment plant upgrade, improvements to existing wells, and possible new wells. Water distribution system studies included domestic demand and pressure measurements and hydrant flow testing for fire flow and carrying capacity evaluation.

KCI will also provide site/civil engineering and landscape architecture services to accommodate the addition to the resort that is currently being designed by Paradigm Architecture.

Client:
WV DNR Division of Parks
and Recreation

Contact:
Jonathan Perry, 304-284-5015
Paradigm Architecture



Stonewall Jackson State Park Pathway Construction

Qualifications

Folly Lick Trail Herndon, VA

Client:
Town of Herndon

Contact:
Dana Singer, 703-435-6856

KCI worked with the Town of Herndon, located in northwestern Fairfax County, Virginia, to design a conceptual plan for a hiker/biker trail along the Spring Branch and Folly Lick stream corridors. The design team utilized survey data and information collected during several site visits to develop a main trail alignment for approximately 2,500 LF as well as three alternatives for crossing a major traffic corridor, the 4-lane Herndon Parkway. The alternatives included a 10 foot wide pedestrian bridge that is suspended over Herndon Parkway, a 12 foot wide tunnel that burrows underneath Herndon Parkway, and an extension of the existing sidewalk system that employs an existing asphalt path and a pedestrian crosswalk, all of which safely deposit pedestrians onto the next leg of the trail beyond Herndon Parkway. Alternatives were developed to determine both expense and impact to procure funding for the project.

The main trail alignment incorporates several environmentally mindful strategies that enhance the integrity of the surrounding area while providing an opportunity for trail users to connect with nature. The existing wooded areas will be cleared of invasive species and scrub and the stream bank will undergo substantial stabilization and revitalization. The proposed trail will utilize two existing public asphalt pathways in order to minimize environmental impact and site disturbance. A small pedestrian bridge is required to cross the stream to stay within the public right-of-way and will be located at a narrow point of the stream and introduce plant materials into the bridge abutments. The trail will also provide an extensive wooden boardwalk, approximately 250 LF, extending above an existing wetland adjacent to the stream.



Chesterwood Park

Dundalk, MD

Client:

Baltimore County Department
of Recreation and Parks

Contact:

Jeanette Tansey, 410-887-3824

KCI provided landscape architecture and engineering services to the Baltimore County Department of Recreation and Parks as construction documents are developed to revitalize and expand an existing 20 acre County-owned Park in Dundalk. Formerly a County maintenance facility, Chesterwood Park was established for passive recreation, including picnicking and fishing, on one of the few remaining sites available for open space development in the region. Park development included the rehabilitation of existing pavilions and trails, expansion of the recreational activities to include an athletic field, parking lot, restroom and concession buildings, and the addition of a second fishing pier for greater pedestrian access to the Bullneck Creek. Other improvements included a new water system, a boat ramp for County and State use in removing derelict boats, new lighting for the parking lot and athletic field, and additional landscaping.



Relatively flat topography and its close proximity to the Creek has resulted in the majority of the site being located within the 100-year floodplain and a significant portion of the park also falls within the Chesapeake Bay Critical Area. Although most of the improvements were constructed on the upland portions of the park, the trails leading to the new and existing fishing piers and the boat ramp were built within the Critical Area. Therefore, a key component of the project involved a joint permit application with the Army Corps of Engineers and the Maryland Department of the Environment.

KCI developed construction drawings based on a layout the County had previously approved with minor design modifications, engineer's cost estimate, and technical specifications. KCI was responsible for preparing sediment and erosion control drawings for soil conservation district approval as well as obtaining approvals for the grading permit, BGE coordination, and environmental permits.



Stonewall Jackson State Park Pathway Construction

Qualifications

Cowenton Avenue Park

Baltimore County, MD

KCI prepared final construction documents for an 11-acre park, 50% forested with streams and ponds. Park design included two soccer fields, sports lighting, playground, restroom and concession building, picnic areas, parking facilities, county road improvements, stormwater management, wetland and forest delineations, wetland permitting, nature trails, and bridge crossings. Work also included topographic and boundary surveying, environmental studies, geotechnical field services and reports, mechanical/electrical engineering, civil/site and structural engineering, and landscape architecture.

Client:
Baltimore County Department
of Recreation and Parks

Contact:
Jeanette Tansey, 410-887-3824



Stonewall Jackson State Park Pathway Construction

Qualifications

Dundee / Saltpeter Creeks Park

Middle River, MD

Dundee/Saltpeter Creeks Park is an existing 530 acre park at the headwaters of Dundee Creek and Saltpeter Creek. KCI prepared plans and specifications, which included:

Client:
Baltimore County Department
of Recreation and Parks

Contact:
Jeanette Tansey, 410-887-3824

- Redesign of a pedestrian/bicycle path from the Nature Center to a 10 foot wide wooden bridge that traverses the Dundee Creek and provides access to the northeast side of the park
- A wooden walkway through a forested area connecting the canoe building to a floating dock
- A new foot storage building for canoes that includes both wall racks for canoes and trailer storage
- An expansion of the existing automobile parking area
- Design of the new parking area lighting and the relocation of existing parking area lighting controls from the parking area to the interior of the Nature Center, and providing electricity and lighting to the canoe building
- Redesign of the railings on the pedestrian bridge to allow for safe bicycle usage
- Detailed topographic surveys
- Preparation of site and grading plans
- Preparation of erosion and sediment control plans
- Review and augmentation of existing stormwater management facilities
- Design and preparation of plans for wooden walkways



Baltimore Hebrew Congregation Park

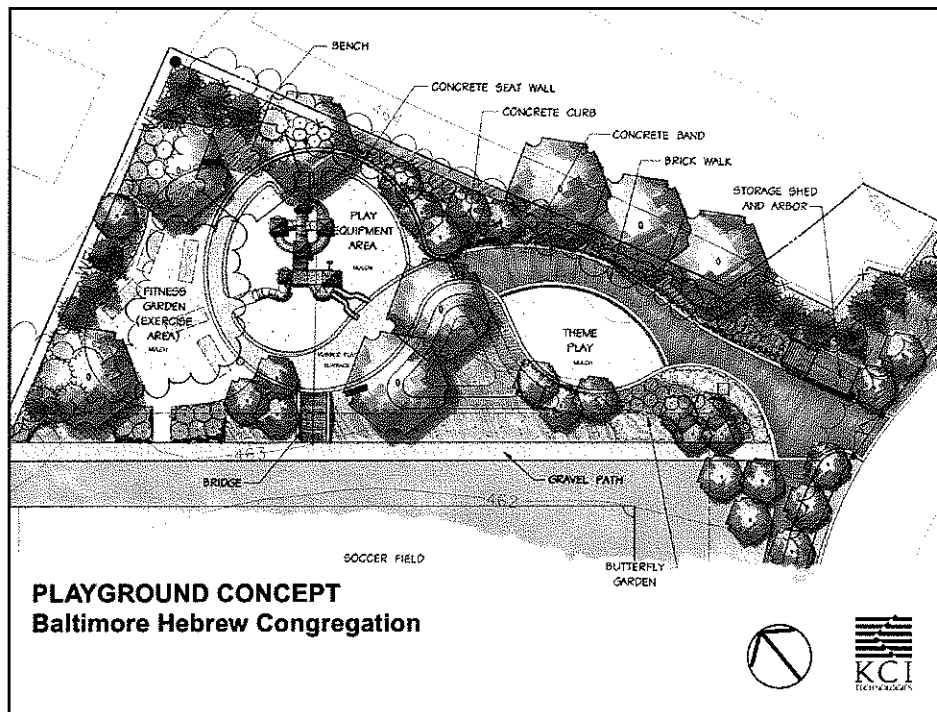
Baltimore, MD

Client:
Baltimore Hebrew
Congregation

Contact:
Sharon Halperin,
410-215-3144

KCI provided civil/site engineering, surveys, land planning, and recreational facility design to develop the remaining area of the Synagogue property for athletic fields, including a variety of passive recreational and educational activities. Park planning addresses the dual purpose of providing both athletic and cultural benefits. Ultimately the park and structures will compliment the aesthetic quality of the Synagogue grounds and retain its landscape buffers to the adjacent residences. Park elements included:

- Strolling/jogging paths, nature interpretive walk
- Landscape plantings
- Athletic (soccer/lacrosse) field and baseball diamond
- Meditation garden with landscaped pond
- Amphitheater or "outdoor" classroom
- Restrooms/concession building, maintenance building
- Playground
- Attractive fences along public roadways, security, safety, and privacy

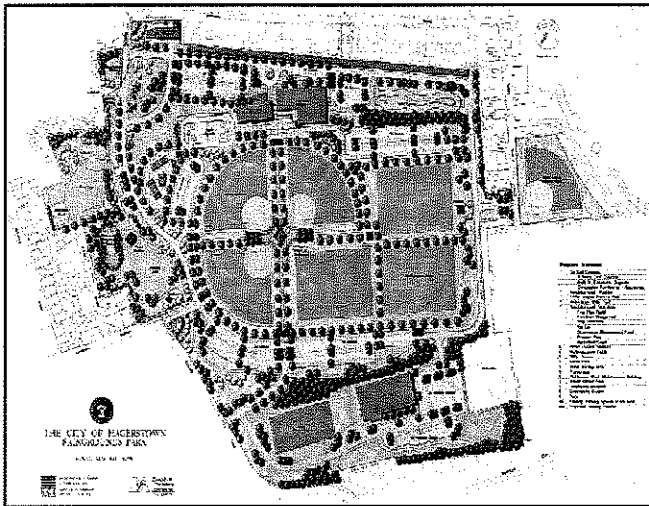


Historic Hagerstown Fairgrounds Hagerstown, MD

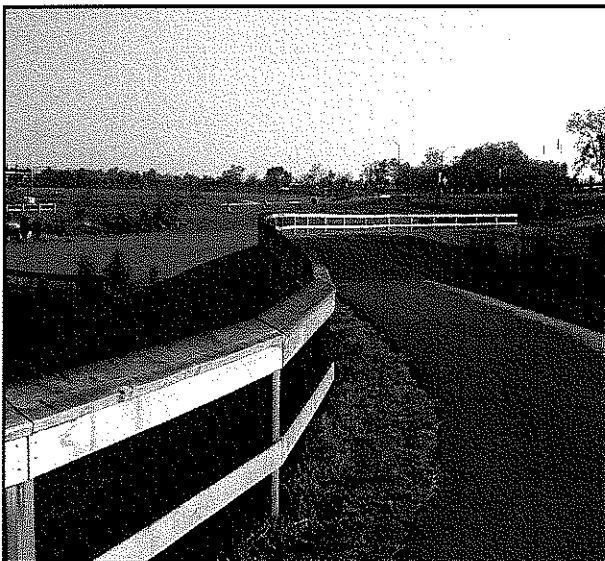
KCI prepared design plans and construction documents for the development of a 73-acre community park on the historic Washington County Fairgrounds. KCI's work included park master planning, geotechnical and environmental assessments (forest stand delineation and forest conservation plans), and detailed design of park roads, parking areas, site grading, drainage, a stormwater management pond, ballfields, pavilions, and other recreational facilities.

Client:
City of Hagerstown

Contact:
Rodney Tissue,
301-739-8577 ext 128



KCI's team of landscape architect, planners, and engineers provided the City with a Master Plan and design services for this community park and recreation center. The existing grandstand was renovated for use as a community center with courts, running track, concessions, and offices. The work also includes adaptive reuse of a historic gatehouse and design linkages to the historic fabric of the City. KCI facilitated community information meetings, design workshops, and public presentations to the City Council as part of an effort to determine the best uses of the park, to obtain community support, and to create a partnership with athletic and sports interest groups.



Approach

MANAGEMENT APPROACH

Project Organization

Mr. John Rudmann PLA, PE, LEED AP will be the Project Manager and will serve as primary point-of-contact with the West Virginia Division of Natural Resources, Parks and Recreation Section (WVDNR). Mr. Rudmann is both a licensed landscape architect and a licensed civil engineer in West Virginia, with a comprehensive understanding of local codes, policies, and procedures, as well as a citizen's understanding of the challenges and opportunities. Mr. Rudmann will be responsible for coordinating and overseeing all contract activities. He has a proven track record of successfully managing multiple projects simultaneously from initial stages through completion with innovative and cost-effective solutions to site design challenges. All work performed by KCI's staff will be performed under Mr. Rudmann's direct supervision.

Project Understanding

KCI's project team understands the integral role that an interconnecting trail system has to offer the citizens of Lewis County and the wide range of benefits associated with these multiuse paths. Some of these benefits include, but are not limited to, an alternate means of transportation, increased opportunities for recreation, and promoting a healthy lifestyle. The project team has a vast knowledge base in recreation and trail design and would like to offer this experience to help ensure that the WVDNR provides both recreational and educational opportunities for the communities of Lewis County through the conservation of its natural resources.

KCI brings WVDNR a multi-disciplinary approach with a holistic view of planning, surveying, engineering, and environmental services for the completion of all tasks associated with design and construction of a the trail system. KCI offers the expertise and capabilities to provide surveying and mapping, engineering design, construction document development, landscape architecture, regulatory permitting, and construction phase services. Our full-service capabilities enable us to provide WVDNR a streamlined and efficient approach to the project with a clear focus on the end product.

Project Initiation

After receipt of a written Notice of Award, KCI's Project Manager will respond to the WVDNR's Work Request within 24 hours. KCI's Project Manager, subconsultants and other key staff will attend a meeting to discuss the scope of the project and facilitate our thorough understanding of the issues important to the WVDNR. This initial meeting will serve to educate KCI as to the purpose of the task, facilitate KCI's understanding of the factors impacting its performance, and identify any issues or questions related to the WVDNR's scope of services. This thorough understanding of the project will assist KCI in providing the services that specifically meet the WVDNR's needs. A site visit will then be scheduled for all team members to gather information necessary in order to develop a written scope and a fee proposal. KCI will then prepare and submit a detailed scope of services describing the work to be performed, project milestone dates, and lump sum proposal to perform the work broken down by category of service. Upon receipt of the Purchase Order, work will begin immediately on the project.

Project Memorandum

The first duty of KCI's Project Manager following project initiation will be the preparation of a Project Memorandum. This document is distributed to all team personnel involved in the project. It contains information concerning scope of services, budgets, schedules, key personnel, lines of authority and responsibility, administrative procedures, reference documents and criteria, and specific quality control procedures. This document ensures that all personnel involved in the project have access to all pertinent project information.

Progress and Review Meetings

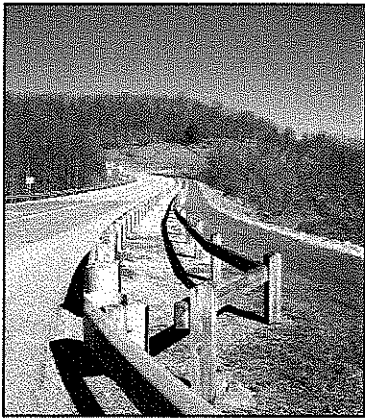
Periodically, the WVDNR's Project Manager, KCI's Project Manager, and the project team will meet to discuss the project and resolve issues affecting successful completion. KCI will prepare an agenda in preparation for each meeting and will prepare minutes documenting topics of conversation and issues resolved.

Stonewall Jackson State Park Pathway Construction

Qualifications

PROPOSED PROJECT APPROACH

At the park entrance there is an existing trail on the right side of the road. This trail continues up the road and ends at the Welcome Center.



At the Welcome Center there are two possibilities. The trail could stay on the right side and go around the welcome center or it could cross over the road and be located on the left side. While placing the trail on the left side will move pedestrians away from the vehicles at the welcome center, it proposes a potential sight distance safety conflict. To resolve this issue, the hillside could be cut back.



This location is just after the welcome center. Depending on budget, the trail may be able to extend up this road. Either side of the road is prepared properly for the trail but safety concerns will need to be evaluated. If the trail is placed on the right side, the guardrail may constrict the width.



Stonewall Jackson State Park Pathway Construction

Qualifications

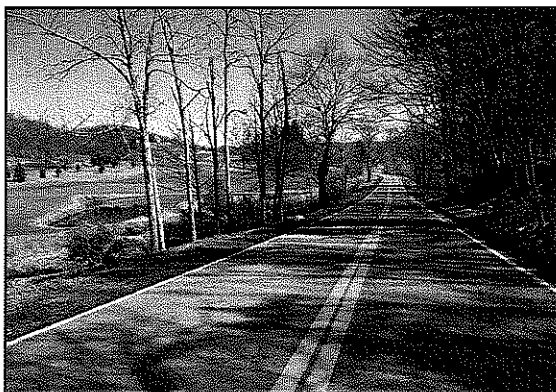
The section of trail from this intersection to the lodge is a priority. An effective pedestrian loop trail will be created once this section of trail is connected to the proposed pedestrian bridge, which will go over segments of the lake. It may make the most sense to place the trail on the left side of the road in this section. WVDNR will avoid conflicts with road intersections on the right.



In this section, the left side of the road seems to be the most feasible location. The right side presents a conflict with the asphalt curb and the hillside.



As the trail may continue on the left side, there are potential issues with the elevation of manhole covers and the pond. To ensure pedestrian safety, the trail may need to be raised to meet flush with the manhole covers and a wooden guardrail may need to be placed between the trail and the pond.



Stonewall Jackson State Park Pathway Construction

Qualifications

As the trail gets close to the entrance to the lodge, the trail should either cross over to the right side or continue on the left. The left side would allow construction without requiring modifications to the entrance and exit curbs and landscaping, but drainage may become a concern between the back of the trail and the hillside. If the trail is placed on the right side, it could stay parallel with the road or meet up with the existing trail.



If the trail is placed on the right side of the road, a painted crosswalk will need to be placed across the entrance road and a portion of the existing curb and landscaping will need to be removed. If the trail is placed on the left side of the road, a portion of the hillside may need to be removed to allow for adequate trail width.



This section of trail may need to be left as is. The amount of effort to tie it into the trail system may become cost prohibitive. If this section is not used, the trail could be placed next to the road.



Stonewall Jackson State Park Pathway Construction

Qualifications

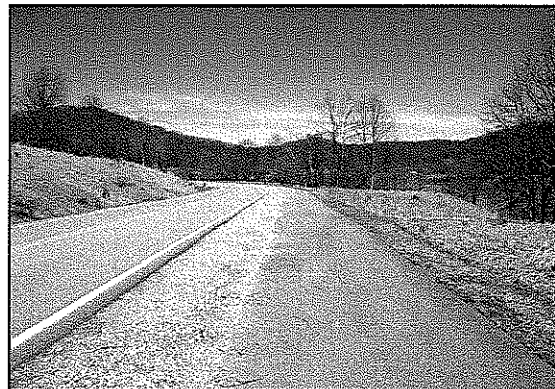
If the trail is placed on the right side of the road, a painted crosswalk will need to be placed across the exit road. Some of the curbing and landscaping will need to be removed. If the trail is on the left side, a portion of the hillside may need to be re-graded and several trees may be lost.



If the trail continues on the left side of the road past the lodge, this area would be a good place to tie back into the existing system. This would allow patrons of the lodge to access the trail via Bright Star Park. This could effectively discourage access through the parking lot, while not preventing it. If the trail continues on the right side, it would tie into the existing in this location.



The existing trail is in good condition and continues toward the cottages.



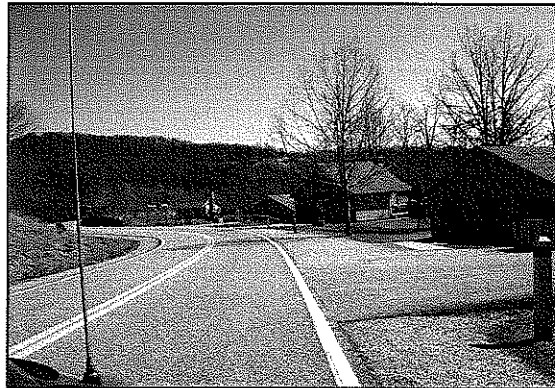
Stonewall Jackson State Park Pathway Construction

Qualifications

The existing paved trail ends before the lake. Most likely the preferred option is to keep the trail on the right side of the road. As the trail passes by the lake, safety concerns may need to be addressed. Just past the lake there is a road to the left. Depending on budget, this may be a good location to terminate the trail.



If budget allows for the trail to continue to the cottages, there will be conflicts on both sides of the road. The left side may be deemed preferable due to fewer conflicts with parking and utilities.



Ability to Perform Work

CAPABILITY TO PROVIDE SERVICES IN A TIMELY MANNER

The goal of both the WVDNR and KCI is technically accurate and cost-effective work. The Project Memorandum will document the project schedule including milestone submissions and outline budgets for each phase of the project. Mr. Rudmann will directly supervise the engineering staff during the project to assure that the team remains focused on the goals of the project. In addition, Mr. Rudmann and the Project Team will hold progress meetings regularly to discuss the project and resolve issues affecting successful completion.

KCI has an extensive computer-based project management system. Costs for individual project tasks can be tabulated separately; up-dated information on project status is available daily. The system provides company-wide budget and schedule control for the Project Manager. It also provides monthly invoicing showing billings in a comprehensive manner. The project management system has assisted KCI in developing an outstanding record of project completion within established budgets and schedules.

KCI has extensive experience with these types of agreements and is capable of managing resources to achieve the best possible results within time and budget constraints.

COST CONTROL

KCI will utilize our Oracle-based project management system to track project costs. Costs for individual project tasks can be tabulated separately; updated information on project status is available daily. The system provides company-wide budget and schedule control for the Project Manager. It also provides monthly invoicing showing billings in a comprehensive manner. KCI's Project Manager will be able to monitor costs on the project on a weekly basis to ensure that engineering costs are properly recorded and budgets are not exceeded. The project management system has assisted KCI in developing an outstanding record of project completion within established budgets and schedules.

QUALITY OF WORK

KCI's Corporate Quality Management Manual, in addition to stating corporate administrative requirements involving issues such as file maintenance, professional licensing and document retention, describes the principles that form the foundation of the firm's technical quality control procedures. Five simple principles are incorporated into these procedures that have been developed by the technical staff to track the accuracy and completeness of the work products they produce. The five basic principals are:

1. Dissemination of Project Information: A Project Memorandum is prepared and posted on the network project files so that members of the project team are aware of relevant project information.
2. Performance of Work by Qualified Personnel: Work is performed by qualified personnel based on education and experience in the technical discipline required. It is a violation of company policy for personnel to participate in design or checking of work outside their area of expertise.
3. Detailed Check for Technical Accuracy: Work is thoroughly checked for technical accuracy by a person qualified to perform the work as described in Number 2 above.
4. Independent Quality Review: Senior personnel review work clarity, understandability, and constructability prior to submittal.
5. Documentation: Personal signatures accompany documents and checklists attesting that quality control procedures were appropriately incorporated into the work product.

Discipline Quality Control Manual

The application of these principles in each technical discipline is provided for in the specific quality control procedures contained in each discipline's quality control manual. These procedures, developed by the technical staff, contain specific instructions on the preparation, checking, review, and coordination of each of the various work products produced by the discipline. Producing separate quality control procedures for each technical discipline allows the procedures to be customized and rigorous for the work products produced in that discipline. The purpose of these procedures is to minimize or eliminate potential errors, omissions, ambiguities, and inconsistencies in the design and development of project documents. These manuals and their implementation constitute the principal mechanism for quality control at KCI.

Stonewall Jackson State Park Pathway Construction

Qualifications

Job Specific Quality Control Procedures

For complex assignments, KCI will prepare a project-specific Quality Assurance Plan to demonstrate that major project deliverables conform to accepted design practices and comply with WVDA design standards. The QA Plan will contain procedures that will be used to take care that a quality planning and/or design and construction product is provided and will list what documentation will be submitted to verify that the procedures have been followed. Sample checklists, or similar documentation, that will be used to indicate that a quality review has been performed will be prepared. If the WVDA requires preparation of a project specific QA Plan for a specific task, it will be submitted for approval.

QA/QC Responsibility

Primary responsibility for planning, executing, coordinating, and reviewing the planning and design work performed under this contract will be Mr. Michael Pumphrey, PE. It will be his responsibility to check that technical disciplines are in compliance with their respective quality control procedures. Documentation of compliance with quality control procedures is included in this responsibility.

Quality Assurance Reviews

KCI's Senior Management takes an active role in the Quality Management Program. In addition to routinely completing independent quality assurance reviews, Senior Managers also perform annual Quality Assurance Reviews (QAR) for each technical division and branch office to assess the implementation of the provisions contained in the Quality Management Program Manual and the specific procedures developed by each discipline. The effectiveness of these quality control procedures is continually evaluated through these reviews and by soliciting feedback from staff and clients. The policies and procedures are modified and augmented, as necessary, to provide the quality services to which KCI is committed.

ADHERENCE TO SCHEDULES

Scheduling will be an integral part of our management services under this contract. The initial step in our project schedule control activities is to develop a master schedule of construction and non-construction (operational, administrative) related activities within the area of our responsibility. This schedule will be developed and coordinated with other on-going work and existing WVDA schedules to avoid conflicts with other projects and operations. As part of this effort, we will review available plans and specifications and visit the jobsites to assess site conditions and other features that may affect operations. In addition, we will meet with WVDA to discuss any administrative and operations related issues that should be incorporated in the master schedule. Based on this information gathering, we will develop a list of activities, activity sequences and logic, and based on an estimate of resources and production rates, we will establish activity durations and work crew requirements. The contract time derived from the schedule will be reviewed for compliance with WVDA's required project completion and the schedule will be adjusted to meet required milestones or completion dates as required.

RFQ No. DNR# 210166

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

West Virginia Code §5A-3-10a states: No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owned is an amount greater than one thousand dollars in the aggregate

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Debtor" means any individual, corporation, partnership, association, Limited Liability Company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities. "Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceed five percent of the total contract amount.

EXCEPTION: The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

Under penalty of law for false swearing (*West Virginia Code* §61-5-3), it is hereby certified that the vendor affirms and acknowledges the information in this affidavit and is in compliance with the requirements as stated.

WITNESS THE FOLLOWING SIGNATURE

Vendor's Name: KCI Technologies, Inc.

Authorized Signature: [Signature] Date: 3/26/10

State of Maryland

County of Baltimore to-wit:

Taken, subscribed, and sworn to before me this 26th day of March, 2010.

My Commission expires 7/19, 2011.

AFFIX SEAL HERE

NOTARY PUBLIC [Signature]