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WV PURCHASING
DIVISION



Expressions of Interest

Professional Design Services to
Develop Construction Documents for an
Addition to the Buckhannon Readiness Center

May 5, 2020

 [®] L.R. Kimball

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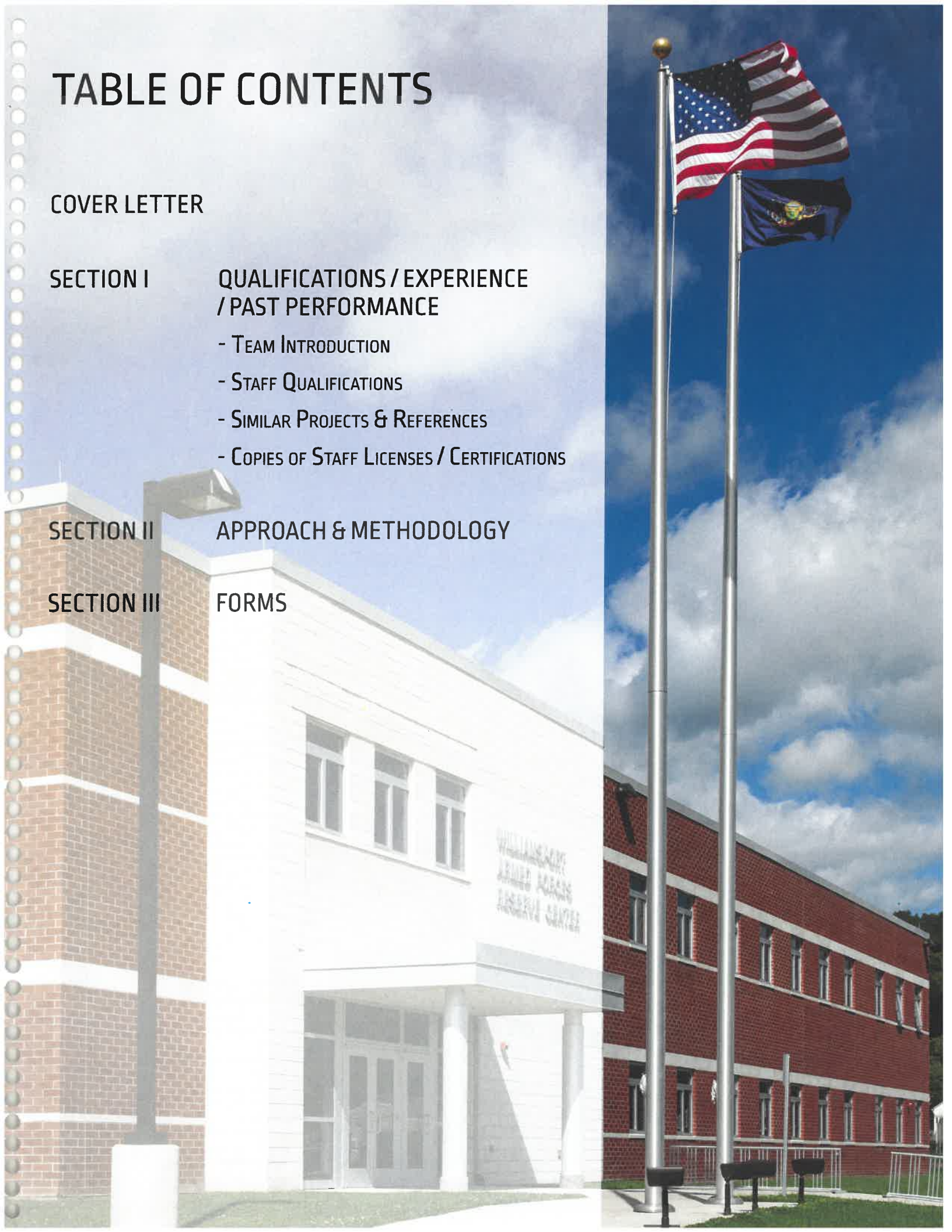
COVER LETTER

SECTION I QUALIFICATIONS / EXPERIENCE / PAST PERFORMANCE

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SECTION III FORMS



May 5, 2020

Ms. Tara Lyle, Buyer Supervisor
West Virginia Department of Administration
Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130

RE: CE01 ADJ20000000009; WV Army National Guard, Buckhannon Readiness Center Phase II Design,
929 Brushy Fork Road, Buckhannon, WV

Dear Ms. Lyle:

On behalf of **L.R. Kimball**, we are pleased to submit our qualifications to provide design services for the Buckhannon Readiness Center Addition.

With over 65 years of quality service, L.R. Kimball is a diversified organization of consulting architects, engineers, planners, environmental scientists and construction administrators. Public safety facilities have been a primary design focus for our firm. As such, our team offers a wide range of experience with multi-use, multi-agency public safety and training facilities such as readiness centers, emergency communications and operations centers, and law enforcement facilities.

We offer the following for your consideration:

- L.R. Kimball has full in-house design services to manage your project from conception to ribbon-cutting, including architecture and facility engineering (Mechanical, Electrical, Plumbing & Fire Protection, and Structural Engineering), as well as Civil and Traffic Engineering.
- Our team regularly and successfully works with a variety of federal, state, and local agencies on multiple building types in support of public safety projects.
- Our team is more than capable of providing services efficiently and cost effectively on projects regardless of scope or scale. We view this type of project as an extension of our client's team and can provide immediate and nimble staffing to suit your immediate needs.
- The scope of our project experience includes site designs, new standalone facilities, facility assessments, renovations, additions, repairs, and ADA upgrades. Our highly integrated project team understands the complexity of working in support of WV State Departments and we deliver projects that support the mission of your team. Our team has extensive resources across all disciplines with a record for successful projects in West Virginia for more than four decades. Our sub-consultants **Trophy Point** (Service Disabled Veteran Owned Small Business) and **Ackenheil** share a similar record of excellence and client service.
- We understand the challenges of maintaining your physical assets, preserving the efficiency of the WV State Department and the WV Army National Guard and the required supporting facilities. The L.R. Kimball team will be both partners and stewards in the process of expanding your facility.

With Kind Regards,



David Rispoli, PE

L.R. Kimball Director of Architecture and Engineering



Extraordinary outcomes are the result of exceptional people.



SECTION I - QUALIFICATIONS & EXPERIENCE



TEAM INTRODUCTION

For your project, we have assembled the following team of experts to handle any aspect of your project that may arise.

L.R. Kimball - Prime, Architecture, Building Systems Engineering, Civil Engineering, Surveying, Drilling, and Construction Administration

- 66 Years in Business with an appreciation for our military that started with our Founder, L. Robert Kimball. After college graduation, L. Robert Kimball received a commission in the Army Air Corps. During World War II he served as Lead Navigator in B-17 aircraft with the Bloody 100th Bomb Group stationed in Thorpes-Abbotts, England. Through his flying service, he was awarded the Distinguished Flying Cross and other medals. Upon returning, he started a two-person consulting engineering firm specializing in civil engineering and surveying, which eventually grew into a full-service architecture and engineering design firm.
- Our Charleston office is located less than 2 hours from the Buckhannon Readiness Center.
- In addition to our military and government experience, our team has experience designing over 600 education and training facilities over the past 40 years.

Ackenheil Engineers, Inc. - Geotechnical Engineer

- Woman-Owned Business Enterprise
- In business since 1958, located in Pittsburgh, PA
- L.R. Kimball and Ackenheil have successfully teamed together on over 50 projects.

Trophy Point - Cost Estimator

- Service Disabled Veteran Owned Small Business
- Offices in Pittsburgh, PA and Blasdell, NY
- Trophy Point's team consists of construction industry professionals with diverse and complementary backgrounds, educations, training and collective experiences that benefit any project team they are a part of.
- President & Owner, Rich Chudzik brings over 19 years of leadership experience across organizations and teams of varying functions, sizes, and industries. Rich has served as the Estimator-of-Record and Project Manager on several new-build and renovation projects.

The following pages describe in more detail, the firm backgrounds of each of our team members.



L.R. KIMBALL

ARCHITECTURE & ENGINEERING DESIGN

Founded in 1953, L.R. Kimball is recognized as one of the nation's leading professional service companies offering architecture and engineering services to a diverse range of public and private-sector clients.

L.R. Kimball's Firm Capabilities:

With offices in WV, PA, TX, and LA, we employ over 150 architects, engineers, designers, and support staff. Our clients benefit from our deep bench of talented professionals and effective quality control procedures that result in award winning, timely, and cost-efficient projects.

Embracing a "one team" attitude that facilitates a multi-disciplinary, holistic approach to design and project delivery, the firm's portfolio encompasses an array of project types, from feasibility and condition studies and master plans to minor and major renovations, as well as retrofitting, expansion, adaptive reuse, and new construction.

L.R. Kimball is a division of CDI Engineering Solutions, which offers leadership in industries that impact nearly every aspect of our lives. Together, we offer a full range of integrated engineering, design, architecture, and project support services to the energy, chemicals, and infrastructure markets. We offer proven project management capabilities, mature systems and processes, a network of 10 engineering centers and an incredible team of experts to deliver the most complex and challenging projects – safely, on time, and on budget.

With over six decades of leadership, we partner with the organizations that make modern living possible, from the leading providers of energy and critical raw materials, to the finest colleges and universities, and to the government agencies serving our communities.

The following pages include L.R. Kimball's full list of services, and additional information regarding our public safety / municipal / governmental experience.

L.R. Kimball's portfolio includes projects in the following market sectors:

- Government
- Public Safety / Corrections / Justice
- Commercial / Industrial
- Education
- Sports and Recreation
- Aviation
- Highways Bridges & Tunnels
- Civil / Water Resources





®

L.R. Kimball

PUBLIC SAFETY &

65+ PUBLIC SAFETY
FACILITY PROJECTS

66 YEARS IN BUSINESS AND
OVER **45+** YEARS OF GOVERNMENT
AND PUBLIC SAFETY FACILITY EXPERIENCE:

MORE THAN
\$185 MILLION
IN CONSTRUCTION VALUE

- MILITARY INSTALLATIONS & SUPPORT BUILDINGS
- PUBLIC SAFETY BUILDINGS
- MUNICIPAL BUILDINGS
- EMERGENCY OPERATIONS AND 911 DISPATCH CENTERS
- STATE POLICE FACILITIES WITH CRIME LABS AND FIRING RANGES
- SHERIFF'S HEADQUARTERS
- GOVERNMENT SERVICES CENTERS
- INTELLIGENCE CENTERS
- LAW ENFORCEMENT COMPLEXES
- COURTHOUSES
- FORENSIC CENTERS AND LABORATORIES
- GOVERNMENT OFFICES

MORE THAN
800,000
SQUARE FEET OF SPACE DESIGNED

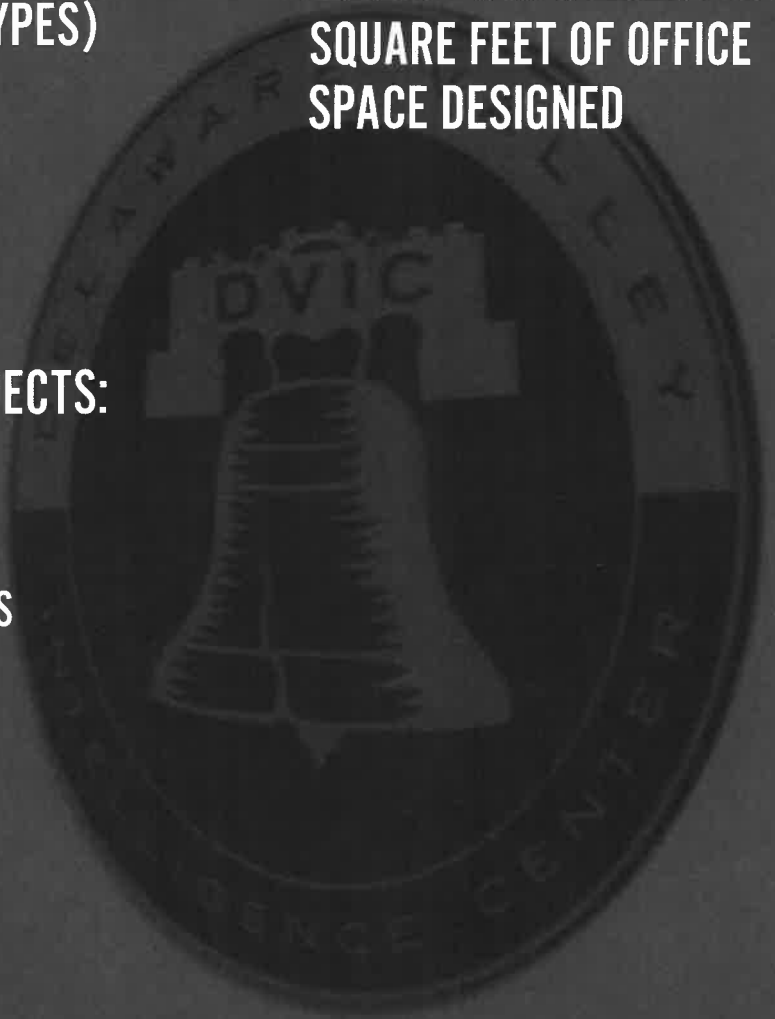
GOVERNMENT EXPERIENCE

1,300+
TOTAL PROJECTS ACROSS
WEST VIRGINIA (ALL PROJECT TYPES)

85+ OFFICE SPACE PROJECTS
OVER **2.9 MILLION**
SQUARE FEET OF OFFICE
SPACE DESIGNED

10 RECENT LABORATORY /
MEDICAL RESEARCH PROJECTS:

- PUBLIC SAFETY / LAW ENFORCEMENT
- PRIVATE COMPANIES
- EDUCATIONAL INSTITUTIONS



ACKENHEIL ENGINEERS, INC. (WOMAN-OWNED BUSINESS ENTERPRISE) GEOTECHNICAL ENGINEERING

L.R. Kimball and Ackenheil Engineers have successfully worked together since 2002 on over 50 projects.



Ackenheil provides the following services:

- **Geotechnical Engineering:** including foundation studies, stability analyses, landslide investigations, mine subsidence damage investigations, blast damage investigations, mine subsidence remediation design, settlement analysis, soil surveys, test boring inspections, retaining wall design, subsurface investigations, asphalt and concrete pavement investigations and geotechnical investigations.
- **Construction Inspection Services:** including general construction inspection for buildings, highways, and bridges, caisson, auger-cast pile and driven pile installation monitoring, pile load test supervision, mine grouting supervision, fill placement control, foundation and footings observations, site suitability consultation, groundwater problems, pre-construction crack surveys and structural steel fabrication and erection monitoring.
- **Laboratory Materials Testing:** A full range of in-house soil, rock and concrete testing.
- **Field Materials Testing:** A full range of field material testing including nuclear density testing of soil, asphalt and concrete testing, asphalt and concrete coring and sprayed-on fireproofing thickness, adhesion and density testing.

ACKENHEIL'S RECENT RELEVANT PROJECT EXPERIENCE

Geotechnical Engineering/Pavement Investigations

- USACOE 911th AFB AGE Building Addition, Pennsylvania [2019].
- DGS Greensburg Police Headquarters Facility, Pennsylvania [2018].
- PA Turnpike Commission, Jefferson Hills Warehouse, Pennsylvania [2018].
- Allegheny County Dept. of Public Works South Park Maintenance Facility, Pennsylvania [2018]

TROPHY POINT COST ESTIMATOR



Firm Profile

Trophy Point is a certified **Service-Disabled, Veteran-Owned Small Business (SDVOSB)** that provides **Construction Cost Estimating, Construction Management Support, Owner's Representative Services and Construction Consulting** services. Within each of these areas, Trophy Point provides ancillary services, such as those shown below. The most common services offered by Trophy Point are cost estimating, scheduling, integrated design and constructability review services, staff augmentation, and owner's representation. Trophy Point's services enable the company to provide full pre-construction controls.



Figure: Trophy Point Services

For decades, Trophy Point has provided Construction Cost Estimating services, where required, in the Pre-Construction, Construction, and Post-Construction phases of a project. In 2018, Trophy Point merged with Baer & Associates, a nationally-recognized cost consulting firm known for its estimating accuracy and thoroughness. The combination of Trophy Point's mission first approach with Baer & Associates' experienced staff and history enabled the new organization to integrate the best practices of both teams in a manner that resulted in tremendous synergistic benefits to the industry.



The Trophy Point team strives to assist their clients in understanding construction costs during the concept phase of a project and provides them with detailed and accurate estimates as a project design matures. Since 1976, the Trophy Point team has developed an ability to provide accurate estimates prior to the execution of formal design efforts in an unrivaled manner that enables clients to align their scope with their budgets quickly and effectively.

The Trophy Point team is capable of supporting their clients as a project transitions into Construction in several different capacities, such as Change Order Management / Review, Pay App Reviews and Construction Consulting. Trophy Point's understanding of the variables that impact costs and their associated magnitude on a project is unrivaled and serves as the bedrock upon which their team differentiates itself from other cost consultants.

Trophy Point also provides unparalleled Owner's Representative, Construction Management Support, and Construction Consulting services. Their understanding of how a project's costs are derived has enabled them to expand their professional services into many areas, such as Scheduling, Construction Administration, Staff Augmentation, Integrated Design and Constructability Reviews, and general Owner's Representation. Their team provides a "one-stop shop" for professional services required during all phases of a project. Trophy Point is flexible and able to accommodate the needs of their clients by providing any of these services in an independent capacity as well.

The functional value of the projects the team supports is something they take pride in understanding with their clients. Doing so enables their team to be as passionate about a project as its stakeholders and end-users. Their team humbly recognizes that the quality of their work impacts the functional and aesthetical value of a given project. Furthermore, the projects they support oftentimes alter the skylines of the towns or cities within which they are hosted. This responsibility is something they take seriously.

As a company that places a high priority on employing Veterans, many of Trophy Point's team members take a great deal of pride in shaping the communities they once defended in a military uniform. The same work ethic and "mission first" approach they took while in the Service is something they apply to the projects they support. Trophy Point's non-Veteran employees have the opportunity to gain exposure to a different company culture than ones they may have experienced elsewhere.

Trophy Point's team consists of construction industry professionals with diverse and complementary backgrounds, educations, training and collective experiences that benefit their clients and any project team they are a part of.

The Trophy Point team consists of professionals who work out of offices in Buffalo, NY and Pittsburgh, PA. Based on the nature of Trophy Point's work, members of their team are continuously co-located with clients in the field as well.





RELEVANT TEAM PROJECTS & REFERENCES

PA DEPARTMENT OF GENERAL SERVICES

ARMED FORCES RESERVE CENTER & FIELD MAINTENANCE SHOP, WILLIAMSPORT, PA

L.R. Kimball designed a two-story masonry building of approximately 75,000 square feet located on the existing Williamsport Armory site. Accommodations for the Army Reserve unit and two National Guard units were addressed in the project design solutions. This training facility also houses offices and administrative areas as well as a separate building for vehicle maintenance.

This project received Silver Level Certification under the LEED NC 2.2 rating system.

This project required a Special Exception to the City's Zoning Ordinance since the proposed military facility was not an approved use of the property, even though the project site was the location of the existing military facility. We worked closely with the Pennsylvania Department of General Services, the Pennsylvania Department of Military and Veteran Affairs, and the City of Williamsport to have the initial denial of the Special Exception vacated and to get the necessary Special Exception Permit granted by the Zoning Hearing Board.



KEY FEATURES

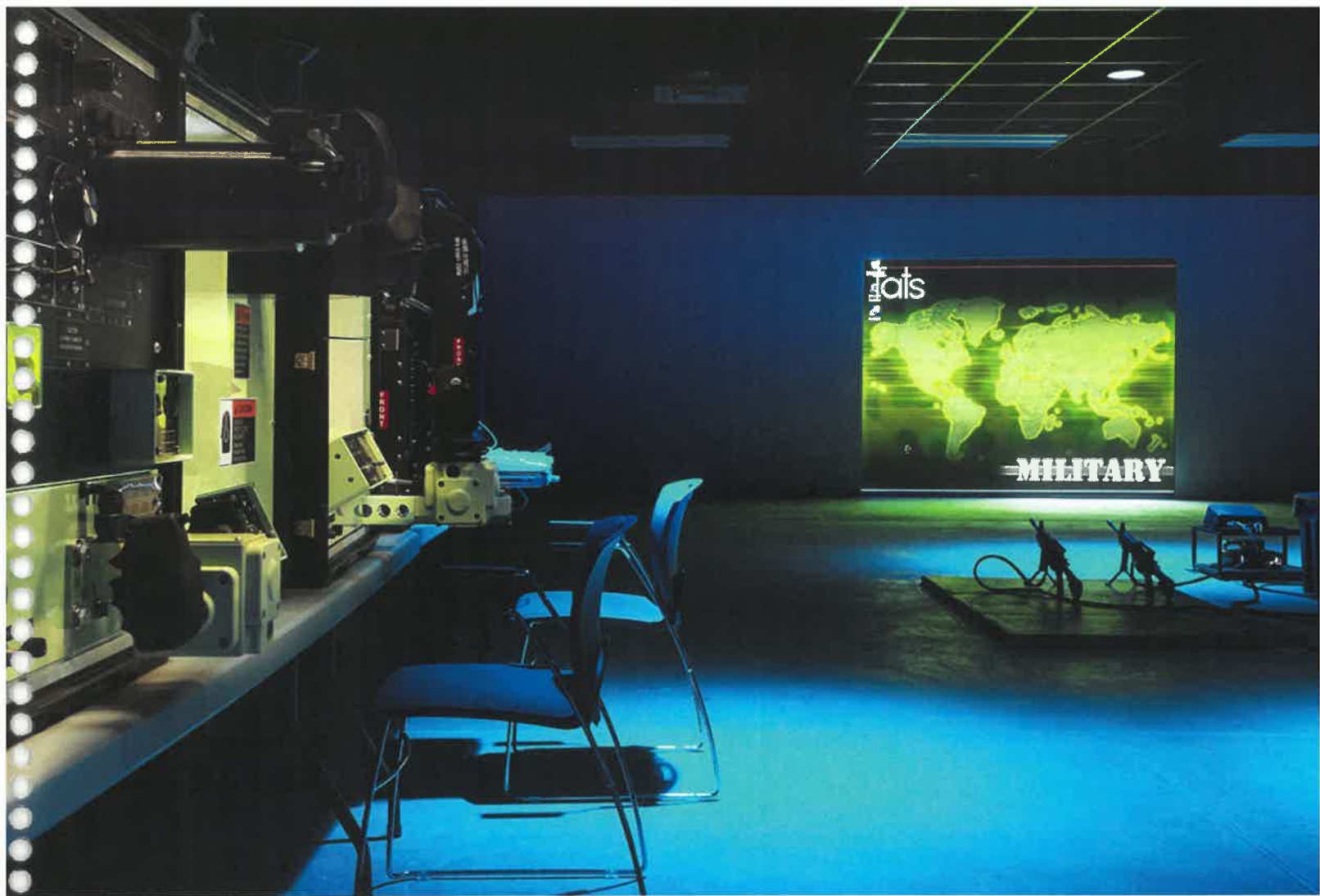
- New Construction
- Office / Vehicle Maintenance / Kitchen
- Assembly Hall / Classrooms / General Purpose Areas
- Coordination with Local, State and Federal stakeholders
- LEED Silver Certification

PROJECT COMPLETION 2011

TOTAL SQUARE FOOTAGE 75,000 SF

CLIENT REFERENCE

Our Former DGS Reference for this project now works for FEMA: Andrew J DeGregorio, EIT, COR, CFMO, Senior Environmental Protection Specialist, DHS-FEMA/MS/OCAO/Sustainability & Environmental Management [SE] Programs
Phone: 202-646-2548; E-mail: andrew.degregorio@fema.dhs.gov



U.S. COAST GUARD

NEW RESCUE SWIMMER TRAINING FACILITY ELIZABETH CITY, NC

This design-build project consisted of a new one-story Coast Guard Rescue Swimmer Training Facility with two separate pool areas and various support spaces. One Olympic-sized pool was designated for training the rescue swimmers; the other UMET (Underwater Modular Egress Trainer) pool is smaller, but has a motorized crane which holds a mock-up of an aircraft fuselage and is used to train pilots, etc. to exit the aircraft if it goes down at sea.

L.R. Kimball was responsible for the design of the facility and subcontracted the pool design and electrical engineering to other consulting firms. L.R. Kimball also provided civil engineering services for the site.



KEY FEATURES

- Specialized military training center

PROJECT COMPLETION July, 2012

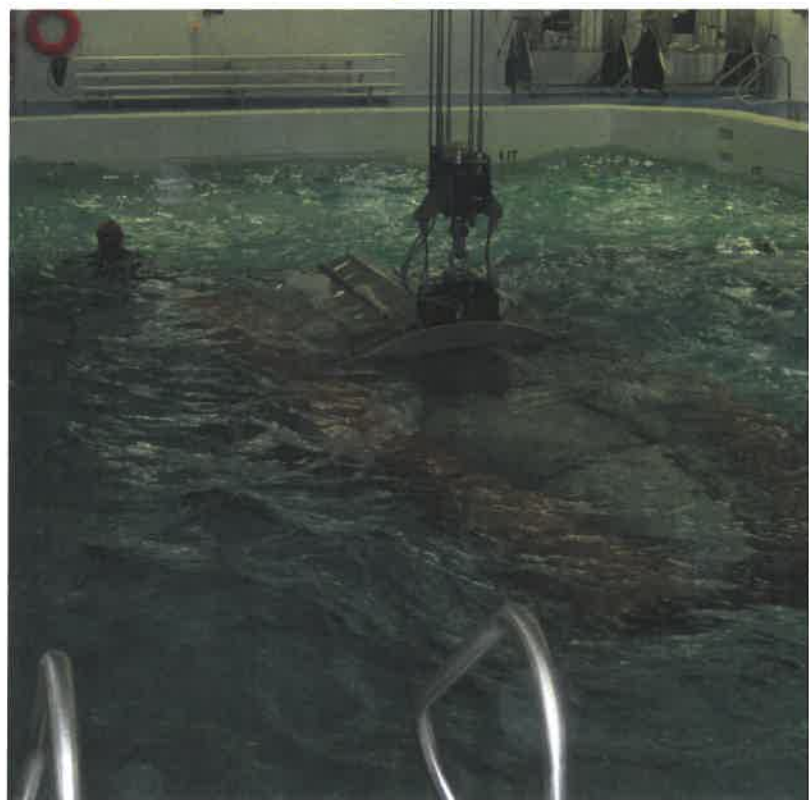
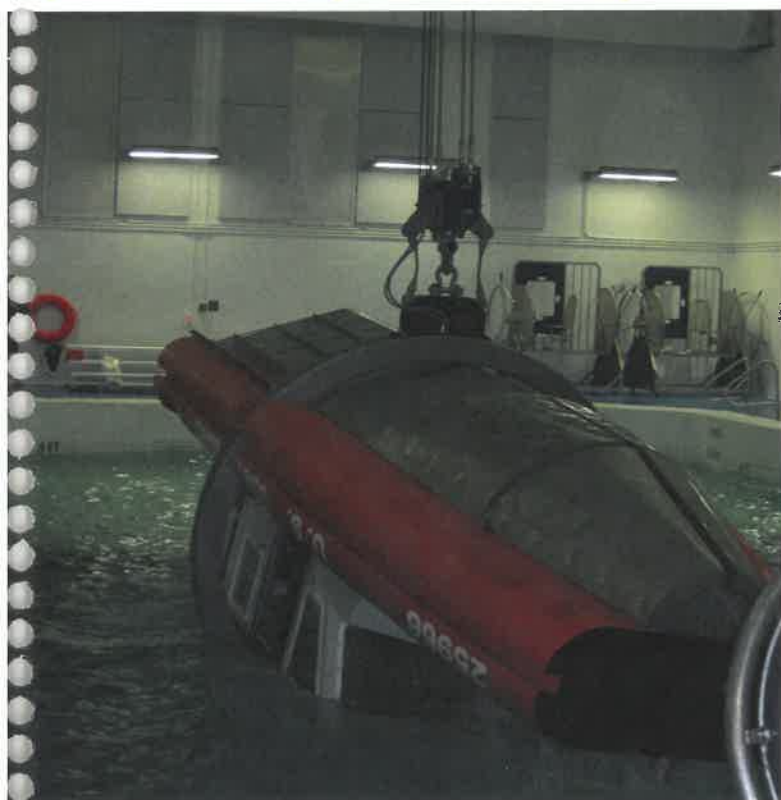
TOTAL SQUARE FOOTAGE

- 50,992 SF (Foot Print)
- 54,578 SF (Total Gross SF)

REFERENCE

- Commander Nicholas DeLaura, Facilities Engineer
USCG Base Support
1664 Weeksville Road, Elizabeth City, NC 27909
Phone: 252-435-5438 (Cell)





PENNSYLVANIA DEPARTMENT OF GENERAL SERVICES

TROOP E STATE POLICE HEADQUARTERS & SHOOTING RANGE, ERIE COUNTY, PA

L.R. Kimball was retained by the PA Department of General Services to provide architectural and engineering services for this project, which will include a new Headquarters Building with a 50 yard Firearms Range; a new vehicle maintenance garage and procurement and supply building, as well as parking for 180 vehicles.

The project originally included the design of a 62,250 SF crime lab. The crime lab portion of the project was eliminated from the project scope during the schematic design phase, due to cost and replaced with a firearms range.

The project is currently on hold, as the State looks for a new, better suited site for this State Police Headquarters.

L.R. Kimball is teamed with MWL on this project.

Components of the project include space for:

- Command Staff
- Scientific Services
- Criminal Investigation
- Drug Identification
- Forensic Services Unit
- Vice/Intelligence
- AFIS
- Patrol Section
- Ballistics
- Collision Analysis
- Commercial Vehicle Enforcement
- Motor Carrier Enforcement
- Vehicle Fraud Investigation
- Communications Desk
- Records
- Staff Services
- Troop Administration
- Evidence Storage (Inside HQ)
- Impound Yard



KEY FEATURES

- New building with offices, storage and multiple law enforcement functions
- Originally included a crime lab
- Coordination with various State agencies
- 50 yard fire arms range

PROJECT COMPLETION TBD -This project is on hold, as the Client looks for a new site. The site previously selected by the Client has wetland implications.

TOTAL SQUARE FOOTAGE 58,435 SF

CLIENT REFERENCE

Jim Danner | Director
Pennsylvania State Police | Bureau of Staff Services
Facility Management Division,
1800 Elmerston Ave | Hbg PA 17110
Phone: 717.705. 0845 | Fax: 717.772.1426
Jamdanner@pa.gov

STATE OF DELAWARE

FEASIBILITY STUDY & CONCEPTUAL DESIGN FOR A NEW DELAWARE STATE POLICE TROOP 6 FACILITY WILMINGTON, DE

L.R. Kimball, as a consultant to RG Architects, provided architectural design services for the preparation of a study and conceptual design for a new 40,050 SF Troop 6 Building as well as a 12,960 SF Vehicle Maintenance and Evidence Storage Building.

Components of the Vehicle Maintenance & Evidence Storage Building include:

- Vehicle Wash Bay
- Vehicle Maintenance
- IT/Mechanical/Electrical Rooms
- Maintenance Office/Toilet and Shower Room

Components of the Main Building include:

- Public Lobby/Community Room
- Secured Area with interview rooms, conference room, offices and work room
- Troop Support Area with Physical Training Room, Gender Neutral Locker Room, Break Room, Janitor Closet, Traffic/Patrol room, and Collision Reconstruction Unit
- Evidence Storage & Processing
- Arrest Process & Holding
- Building Support / Mechanical Loft



KEY FEATURES

- Study & Concept Design for a New State Police Facility with Vehicle Maintenance and Evidence Storage Building

PROJECT COMPLETION

- Study (February 2020)

ESTIMATED PROJECT COST \$36,498,090

TOTAL SQUARE FOOTAGE

- Troop 6 Building - 40,050 SF
- Vehicle Maintenance and Evidence Storage Building - 12,960 SF

REFERENCE

Jerry Rozanski, Principal, RG Architects (Prime)
200 West Main St., Middletown, DE 19709
Phone: 302.376.8100
Email: jerry@rgarchitects.net

LOGAN TOWNSHIP

MUNICIPAL COMPLEX AND VEHICLE MAINTENANCE GARAGE, ALTOONA, PA

L.R. Kimball provided complete architectural and engineering services for the Logan Township Municipal Complex. The Complex consists of a two-story, approximately 20,000 square foot Municipal Building which includes space for the Township Police Department, Township Manager's Office, Emergency Management Office, Zoning, Sewer, and Tax Offices, and public meeting space. This building consists of a steel structural frame, precast concrete plank second floor and roof, and masonry infill at walls.

In addition, the Complex includes a 14,500 square foot Municipal Vehicle/Maintenance Garage. This structure is a pre-engineered steel building with interior masonry partitions. The garage includes an office/locker/break room area, mechanical repair/maintenance bays for vehicles, a truck/vehicle wash bay, storage bays for vehicles and equipment, and a secured vehicle impound area for Police use. The office is equipped with telephone and data communication connected through the Municipal Office Building. Maintenance areas are heated using natural gas-fired overhead radiant heat and the office/locker area is heated with a forced air unit. A rapid-fill water valve was also provided for the Township's street cleaner.



KEY FEATURES

New, municipal complex - police department, offices, public meeting space, emergency management, vehicle maintenance garage

TOTAL SQUARE FOOTAGE

20,000 SF Municipal Building; 14,500 SF Vehicle/Maintenance Garage

CONSTRUCTION COST \$6.5 Million

PROJECT COMPLETION 2008

CLIENT REFERENCE

James Patterson, Chairman
Logan Township Supervisors
Phone: 814-944-5349; Email: jpatterson@logantownship-pa.gov



SHEETZ CORPORATION

NEW OPERATIONS & TRAINING FACILITY CLAYSBURG, PA

The new Operations & Training Center, approximately 115,000 square feet in area, is located in the Sheetz Office Complex across Sheetz Way from the existing Sheetz Distribution Center in Greenfield Township, Blair County, PA. The building is a four-story, steel frame office building which houses offices, large meeting rooms, conference rooms, a learning center, training kitchen, main kitchen, and dining room.

The building design incorporates sustainable design elements throughout. The exterior wall is constructed of metal stud framing over which an exterior insulation system is installed to eliminate thermal bridging. The skin of the building consists of fiber cement architectural wall panels, natural stone veneer, and aluminum curtain wall. The main roof is a standing seam metal roof with large overhangs and gutters and downspouts.

The building is organized so that the first floor contains the "public" areas- meeting rooms, a learning center, kitchens, and a dining room are located here. A data center and mechanical and electrical rooms are also located on this floor along with a loading dock and receiving area at one end of the building. A partial floor called the "Mezzanine" contains offices and unfinished space for future expansion. This floor is also designed to allow for expansion into a future addition which would be constructed above the first floor kitchen.



"This building is phenomenal; we are so happy to add it to what we can now call a campus," said President and CEO Joe Sheetz at the ribbon-cutting event. "We wanted a building that was modern and has longevity to it, and we wanted something more collaborative and open. The idea of what a workplace should look like has changed. You need a lot of energy and light. That is what members of today's workforce want and demand."

Source: <https://www.cspdailynews.com/company-news/sheetz-opens-new-operations-support-center>

KEY FEATURES

- Cutting edge commercial office design
- Sustainable design features
- Modern, collaborative spaces

PROJECT COMPLETION 2018

TOTAL SQUARE FOOTAGE 115,000 SF (New Construction)

The second and third floors contain offices generally constructed of glazed and solid architectural wall panels which can be easily reconfigured, allowing for flexibility and future modification. Common rooms such as conference rooms, print rooms, and break rooms are conveniently located on each floor.

A dramatic four-story atrium connects all four floors on the South-facing side of the building by way of a monumental stair which bridges above the atrium floor to connect with lounge/meeting spaces on each floor. A large covered patio extending the length of the atrium can be accessed through several doors in the glass curtainwall.

The dining room is a one-story element connected to the first floor by the atrium. It is designed with exposed heavy timber columns and trusses with a natural stone gas-burning fireplace at one end. A partially covered patio extends the dining space to the outdoors where a stone-faced wood burning fireplace shares the stone chimney structure of the dining room.

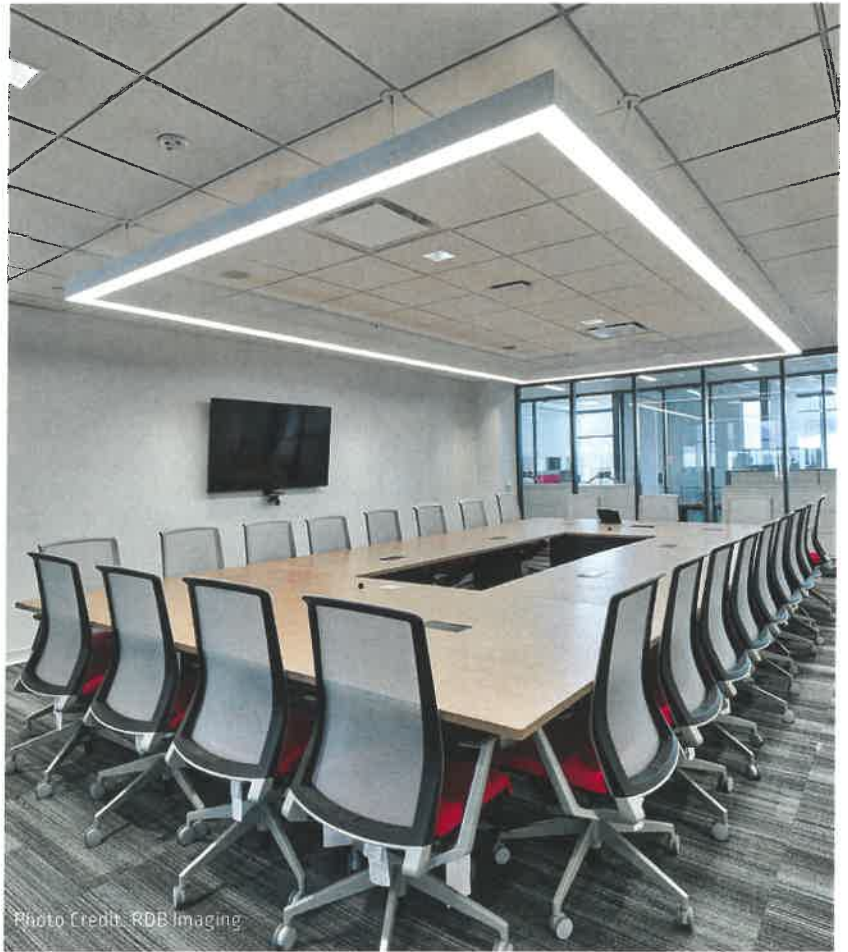


Photo Credit: RDB Imaging



DEPARTMENT OF THE AIR FORCE, 911TH AIRLIFT WING

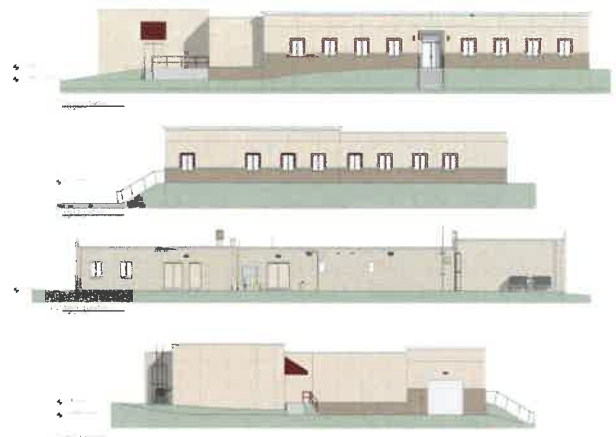
ARCHITECTURE & ENGINEERING DESIGN SERVICES UNDER A 6 YEAR CONTRACT, PITTSBURGH, PA

L.R. Kimball provided architecture and engineering services under an Indefinite Delivery/Indefinite Quantity contract for the Department of the Air Force 911th Airlift Wing from 2007 to 2013. Select projects under this IDIQ included:

- **Construct Parking Lot, Aircraft Maintenance**
- **Repair Airfield Lighting, East & West Apron:** Design repairs to the airfield lighting for the east and west apron to provide lighting levels in compliance with UFC 3-530-01.
- Renovations and additions to an existing one-story, 6,000 square foot communications facility
- **Repairs and replacement sections for portions of the existing concrete paving and stormwater piping at the POL area.** Our team also designed a new access road for the POL [Petroleum Oil Lubricants].
- **Design of a new addition at the dining facility** to provide handicap accessibility to the upper and lower level of the building
- **Repair / Maintain NDI Shop B 409:** Design services for interior renovations which included interior finish renovations, minor repairs to existing interior and exterior doors/frames, minor HVAC modifications and the additions of curbs and landscaping.
- **Maintain/Repair Base Supply Building, 312:** Design services for renovations to a concrete slab at a high-density storage area and to office areas and women's restrooms and replacement of exterior windows to meet AFTP requirements.
- **Design of a 1,840 SF addition to the Aircraft Generation Equipment (AGE) Shop.** Renovations included equipment storage space and a high bay space to accommodate a jack stand tester. Also provided an enclosed walkway passage to allow movement between adjacent buildings without going outside.
- **Construct Covered, Non-Heated MXS Storage Facility:** Design of a non-heated storage facility at the site of the previous fire pump station for Aircraft Maintenance. The structure is approximately 4,800 sf and has 4 large overhead doors and is intended to house aircraft maintenance equipment.
- **Repair/Renovations to Visiting Quarters Buildings 219:** Full interior and exterior renovation of a 2.5 story approx. 27,000 sf visitor's quarters. Converted the existing 28 units (2 are suites, 10 are private rooms with private baths and the remaining 16 private rooms utilize 4 central latrines) into 26 guest rooms, all with private baths including 2 suites.
- **Repair/Renovations to Visiting Quarters Buildings 209:** Full interior and exterior renovation of a 2.5 story approx. 27,000 sf visitor's quarters. Converted the existing 28 units (2 are suites, 10 are private rooms with private baths and the remaining 16 private rooms utilize 4 central latrines) into 26 guest rooms, all with private baths including 2 suites.

“Great job grasping the concept and bringing it to final design. Definitely an award winner.”

Robert Clifford, General Engineer,
Department of the Air Force 911th Airlift Wing
Project: Dining Hall Building 213



- **Repair/Renovations to Flight Operations Building 419:** Design included painting all interior walls, removing and replacing suspended ceiling tile panels throughout the building. Replacement of all carpeting and vinyl cove base. Replace all flooring in hallways with ceramic tile. Added ceramic tile wainscoting to all hallways; adjust affected electrical outlets/switches and replace cover plates, completely renovated all restrooms including new partitions, fixtures, accessories, mirrors, ceramic tile flooring and wainscoting, drywall ceiling as needed, replace lighting, switches, outlets and cover plates. Replaced 50 ton rooftop HVAC condenser and installed dehumidifiers for basement. Installed new interior signage. Design also included constructing a canopy enclosure at basement entrance/stairway ST2 to create windbreak to keep debris and rain from entering building. A Structural Interior Design (SID) package was included as part of the design.

- **Additional Projects include:**
 - Replace Roofs/Skylights, Building 125
 - Repair/Add to Security Forces Building 221
 - Repair/Replace HVAC System & Controls - Multiple Buildings
 - Repair Grill Exhaust Hood, Picnic Pavilion B5842
 - Conduct Wood Truss Study, Buildings 120 & 312



KEY FEATURES

- A&E services for airport / support building projects on an active Air Force Base
- Variety of projects involving repairs, upgrades, renovations, maintenance, new construction
- Design of specialized systems
- Multiple Tasks Orders over a 6 year contract, demonstrating client satisfaction
- Met budget and schedule goals
- Received Exceptional, Very Good, and Satisfactory ACASS Ratings

PROJECT COMPLETION DATES

2007-2013

SOUTHEAST PA REGIONAL TASK FORCE & THE CITY OF PHILADELPHIA DELAWARE VALLEY INTELLIGENCE CENTER PHILADELPHIA, PA



The Delaware Valley Intelligence Center (DVIC) is an All-Crime/All-Hazard/All-Threats Information Fusion Center established by the Philadelphia Police Department and the Southeast Pennsylvania Regional Task Force to collect, analyze, and disseminate data and intelligence to its constituent members. The beneficiaries of the analysis include public safety, military, healthcare, transportation, industrial, maritime, governmental, institutional, utility, and public agency groups within the four states and twelve counties surrounding and including Philadelphia. The 47,500 square foot facility is located in an adaptively reused former Defense Logistics site in South Philadelphia. L.R. Kimball was responsible for the site, facility design and engineering, interiors and furniture selection, and the accommodation for all systems and electronics.

The facility is futureproof, flexible in arrangement, expandable, and will accommodate an additional 75 staff in reaction to a planned or unexpected event. The facility has the capability of uninterrupted operation facilitated by full-facility emergency power, connectivity

to two power grids, and bunking quarters for extended event management. The Secure Room Suite has been constructed to satisfy the requirements of a Sensitive Compartmented Information Facility (SCIF) should that need arise in the future and the operation of the DVIC necessitates the location of that asset where it now stands. In that case, a replacement Secure Room would be constructed, reflecting a level of function most attuned to the mission of the DVIC. The facility provides lockers, a café, interaction areas, conference and training rooms, interview rooms, offices, and secure file storage. The population of the DVIC is 130.

In concert with the development of the DVIC, L.R. Kimball programmed and designed to a conceptual level the new Philadelphia Emergency Operations Center (EOC). Initially envisioned to be constructed immediately below the DVIC, the City included the new EOC as part of a public safety campus being developed in West Philadelphia.

KEY FEATURES

- Adaptive reuse of a former Defense Logistics site
- Flexible design with uninterrupted operation facilitated by full-facility power, connectivity to two power grids, and bunking quarters for extended event management
- Facility includes offices, lockers, cafe, conference & training rooms, and secure file storage

PROJECT COMPLETION 2013

TOTAL SQUARE FOOTAGE 47,500 SF

CLIENT REFERENCE

Inspector Walter Smith, Director
Delaware Valley Intelligence Center
20th and Johnston Streets, Bldg. #6
Philadelphia, PA 19145
Phone: 215-685-1170 (Cell)
E-mail: Walter.E.Smith@phila.gov



CABELL COUNTY, WV

EMERGENCY SERVICES CENTER

HUNTINGTON, WV

L.R. Kimball provided professional design and engineering services for the new Cabell County, WV Emergency Services Center. This project combines emergency operations and a call center within a single facility. This new building replaces the existing E-9-1-1 call center with a state-of-the-art dispatch center. The building houses the call and dispatch center, emergency operations center, employee service areas, and equipment and administrative spaces required to operate the facility.

L.R. Kimball also designed a full Enterprise IP-based video surveillance and access control system as part of this project. L.R. Kimball's Communications Technology Division provided consulting services to Cabell County. These services included a technology assessment, defining systems for the design of the new Emergency Services Center, and providing general consulting assistance during the project for migration of ECC operations to the new facility.

KEY FEATURES

- New Facility with office / administrative spaces
- Experience working with a WV government agency

PROJECT COMPLETION 2009

TOTAL SQUARE FOOTAGE 12,000 SF





Relevant Experience

Niagara Falls Air Force Base – Renovate APS Facility Building 810

Year

2019

Client

Trautman Associates

Construction Cost Estimate

\$4.8M

Scope

This project involved the gut renovation of a 16,400 SF building. New interior partitions, interior and exterior doors, windows and finishes were installed, as well as HVAC and electrical. New insulated metal panels were installed in place of the EIFS.

Role

Members of the current Trophy Point team led the cost estimating efforts associated with this project.

Picatinny Arsenal – Provide New Building 18 Annex, Phase 1

Year

2020

Client

M.J. Engineering and Land Surveying, P.C.

Construction Cost Estimate

\$15M

Scope

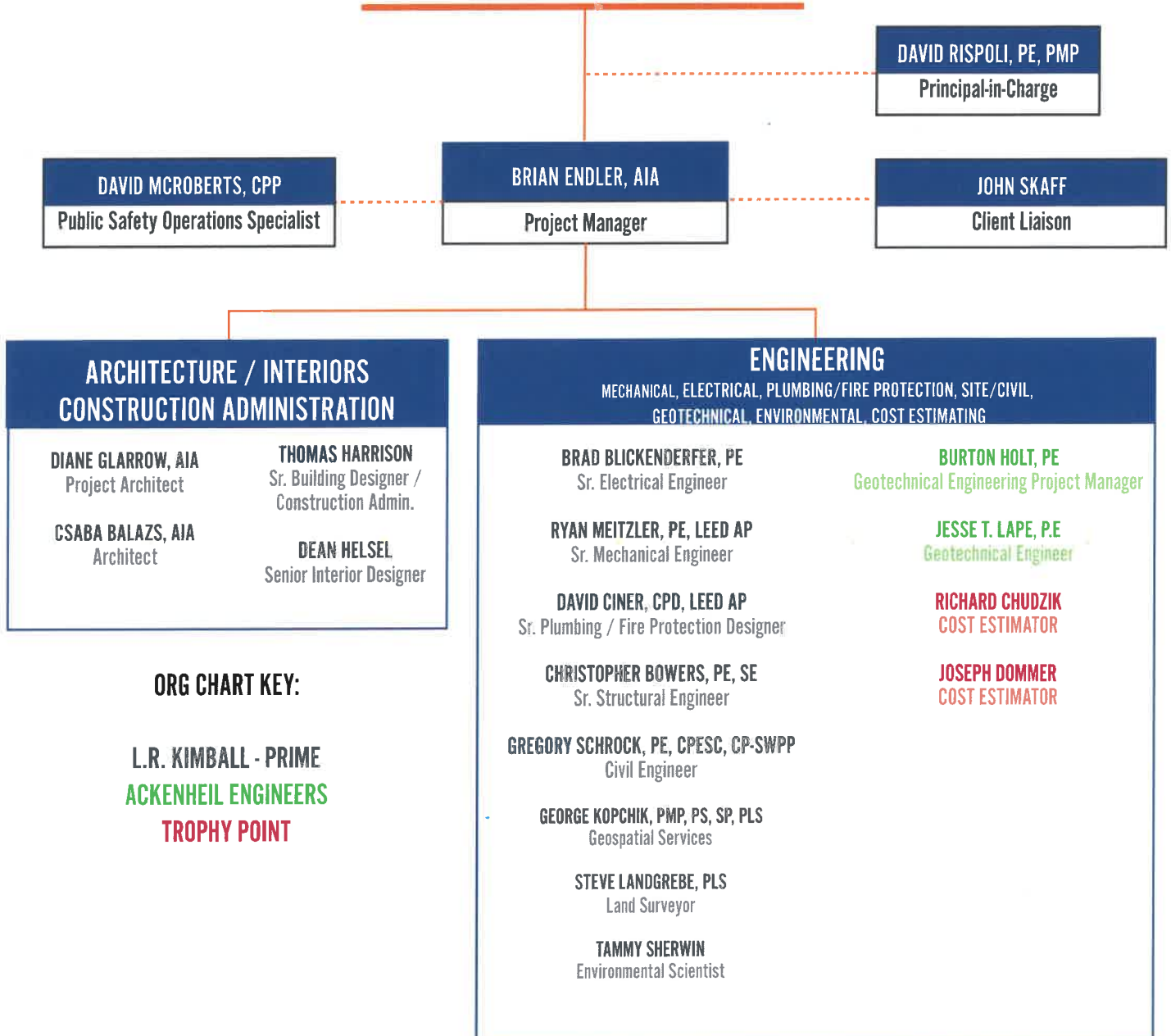
This project consisted of building an annex to the arsenal to house offices and a technical lab to house fire control targeting systems research for the US Army Corps of Engineers. There were no drawings for this project, only a 21-page narrative for the 27,720 SF building based on similar buildings on this campus.

Role

Members of the current Trophy Point team led the cost estimating efforts associated with this project.



ORGANIZATION CHART & RESUMES



ORG CHART KEY:

L.R. KIMBALL - PRIME
ACKENHEIL ENGINEERS
TROPHY POINT



DAVID RISPOLI, PE, PMP

L.R. KIMBALL | PRINCIPAL-IN-CHARGE



David brings 33 years of experience and expertise in all phases of architecture, engineering, and construction management. Specific responsibilities have included operations; staff supervision; business development; coordination among the architectural, structural, civil, mechanical, and electrical disciplines; project management; budget control; direct client contact; and coordination between field and office during construction. David has managed and supervised a variety of project types including public safety, municipal, judicial, correctional, healthcare, conference/office, commercial, manufacturing, transportation, and educational facilities.

YEARS OF EXPERIENCE

- 33 Years

EDUCATION

- Associate, Architectural Engineering, The Pennsylvania State University, 1983
- BS, Const. Mgmt. and Struc. Eng., The Pennsylvania State University, 1985

HIGHLIGHTED EXPERIENCE

- Dave has worked on a variety of projects including multiple public safety facility projects

REGISTRATIONS/ CERTIFICATIONS

- WV, Professional Engineer, 1997
- Registered Professional Engineer in 8 Additional States
- Project Management Professional
- NCEES Certified

AFFILIATIONS

- American Institute of Architects, Associate Member
- American Society of Civil Engineers
- National Society of Professional Engineers
- Project Management Institute

A partial listing of David’s relevant project experience includes:

PA Department of General Services, Armed Forces Reserve Center (Readiness Center) and Field Maintenance Shop, Williamsport, PA

Marshall University, Master Plan Options for Housing on the South Charleston Campus and Conceptual Building Designs to Accommodate a New Aviation Program at Yeager and Tri State Airports, WV

Central West Virginia Regional Airport Authority, New U.S. Customs Building at Yeager Airport, Charleston, WV

PA Department of General Services

- New PA State Police Headquarters, Crime Lab, and Shooting Range, Erie, PA
- New Armed Forces Reserve Center & Field Maintenance Shop, Williamsport, PA
- New Armstrong County Maintenance Facility, Kittanning, PA

Allegheny County Department of Public Works, County Office Building – Partial Second Floor Renovation, Pittsburgh, PA

Armstrong County, Facility Analysis and Feasibility Study of Armsdale Building for 9-1-1 Center, Kittanning, PA

Cabell County Emergency Services Center, Huntington, WV

Hancock County, New Office of Emergency Management/9-1-1 Center and Health Department Building Complex, New Cumberland, WV

Lancaster County, Forensic Center and Laboratory, Lancaster, PA

New Jersey State Police Emergency Operations Center, West Trenton, NJ

Sussex County Emergency Operations Center, Georgetown, DE

York County Emergency Services Center, York, PA

Lockheed Martin, Owego, NY

- Schematic Design Review for US101A Helicopter Integration Facility
- VH-71 Program Facility
- Phase IIA Conceptual Development of CSAR-X Facility

Maser Consulting P.A., Federal Aviation Administration - William J. Hughes Technical Center, Atlantic City International Airport, Open-End Architecture and Engineering Contract, Atlantic City, NJ



BRIAN ENDLER, AIA

L.R. KIMBALL | PROJECT MANAGER



Brian brings nearly 20 years of experience and expertise in all phases of architecture, engineering, and construction management. Specific responsibilities have included business development; coordination among the architectural, structural, civil, mechanical, and electrical disciplines; project management; budget control; direct client contact; and coordination between field and office during construction. Brian's experience includes the design of public safety, office, commercial, educational, correctional, municipal, and healthcare facilities. These project types encompass both new construction and renovations.

A partial listing of Brian's relevant project experience includes:

YEARS OF EXPERIENCE

- 19 Years

EDUCATION

- B.A. Architecture, Lehigh University, 2001

HIGHLIGHTED EXPERIENCE

- Brian's experience includes public safety, training, office, and other commercial projects

REGISTRATIONS/ CERTIFICATIONS

- WV, Professional Architect, 2015
- Registered Architect in three additional states

AFFILIATIONS

- American Institute of Architects – Central PA Chapter
 - Director of Programs (2013-2014)
 - Vice President (2015-2016)
 - President (2017-2018)
- Laurel Municipal Inspection Agency, Board of Appeals

HONORS

- PA Business Central - Foremost Under 40

New Jersey State Police Emergency Operations Center, West Trenton, NJ

City of Pittsburgh, Renovation of Sixth Floor of City/County Building, Pittsburgh, PA

Logan Township Municipal Building, Altoona, PA

Logan Township, Space Needs Analysis/Assessment of Existing Municipal Building, Altoona, PA

State College Municipal Building, State College, PA

Tioga County Courthouse Addition, Wellsboro, PA

Allegany County Jail and Public Safety Facility, Amity, NY

328 Innovation Boulevard Shell Office Building, State College, PA

The Greater Johnstown Technology Park, New Multi-Tenant Office Building, Johnstown, PA

The Greater Johnstown Technology Park, Tenant Fit-Out for General Services Administration, Johnstown, PA

Windber Research Institute, Laboratory and Multi-Tenant Office Building, Windber, PA

Career and Technology Education Centers of Licking County (C-TEC), Newark, OH



DIANE GLARROW, AIA

L.R. KIMBALL | PROJECT ARCHITECT



Diane brings sure and certain knowledge and over 35 years of experience to every project she is involved with. And, as knowledge + experience = wisdom, Diane's "big-picture" vision keeps complex projects on track, on time and on-budget. Diane, in her role as project manager with extensive expertise in the design of new and renovated municipal / public safety facilities, will manage all technical aspects of your project and serve as the your primary point-of-contact.

Diane's relevant project experience includes:

YEARS OF EXPERIENCE

- 36 Years

EDUCATION

- B.S. Architecture, The Pennsylvania State University, 1980

HIGHLIGHTED EXPERIENCE

- Diane's relevant experience includes public safety and training facilities

REGISTRATIONS/ CERTIFICATIONS

- WV, Registered Architect, 2012
- Registered Architect in Seven Additional States

AFFILIATION

- American Institute of Architects

Marshall University, Master Plan Options for Housing on the South Charleston Campus and Conceptual Building Designs to Accommodate a New Aviation Program at Yeager and Tri State Airports, WV

Central West Virginia Regional Airport Authority, New U.S. Customs Building at Yeager Airport, Charleston, WV

Sheetz Inc.

- Corporate Headquarters and Training Center, Claysburg, PA
- Renovations to Existing Corporate Offices (Four Buildings), Altoona, PA and Claysburg, PA
- Architectural/Engineering Services for Prototype Stores, New Stores, and Renovations to Existing Stores in PA, MD, NC, OH, VA, and WV

Community College of Allegheny County (CCAC) North Campus Feasibility Study (Architectural Services), Pittsburgh, PA

Pennsylvania Highlands Community College, Master Plan, Johnstown, PA

Department of the Air Force, 911th Airlift Wing, Coraopolis, PA

- Repair (Replace) HVAC System - Multiple Buildings
- Repair/Replace HVAC Controls - Multiple Buildings
- Construct Addition to Dining Facility 213
- Construct Addition to AGE Shop Building 420
- Maintain/Repair Base Supply Building 312
- Construct Covered, Non-Heated MXS Storage Facility
- Construct Parking Lot - Aircraft Maintenance
- Repair Grill Exhaust Hood - Picnic Pavilion B5842
- Conduct Wood Truss Study - Buildings 120 and 312
- Alter/Repair/Maintain Survival Equipment B 408
- Repair/Maintain NDI Shop B 409
- Replace Roofs/Skylights - Building 125

219 West High Street - Conversion of Existing Two-Story Hardware Store into Leased Space and L.R. Kimball Training Center, Ebensburg, PA

The Greater Johnstown Technology Park, Multi-Tenant Office Building, Johnstown, PA

Rowan College at Burlington County, Renovations to 9 Buildings Across Two Campuses including Laboratories and Office Space, Mount Laurel and Mount Holly, NJ

Westmoreland County Community College

- New Education Center Latrobe, PA
- Public Safety Training Academy Class A Burn Building, Smithton, PA

Mount Aloysius College, Cresson, PA

- Convocation Center
- Renovation and Addition of Alumni Hall/Theatre
- Cosgrave Center Expansion/Renovation
- Misciagna Residence Hall
- McAuley Residence Hall

Logan Township Municipal Building, Altoona, PA



CSABA BALAZS, AIA L.R. KIMBALL | ARCHITECT



Csaba has been involved in a wide range of architectural projects including renovations, restorations, expansions, and new building designs for both private and public clients. His design experience includes correctional, public safety, judicial, educational, health care, commercial, and sports facilities.

While Csaba has a wide range of project type experience, his niche over the past 40 years has been the design of public safety, correctional, and commercial facilities. He has designed more than 150 correctional and public safety projects across 17 states including over 30 master plans, studies, and/or needs assessments.

Csaba's relevant project experience includes:

YEARS OF EXPERIENCE

- 40+ Years

EDUCATION

- M.S., Architecture, The Pennsylvania State University, 1974
- B.S., Architecture, The Pennsylvania State University, 1972
- B.S., Physical Education, The Pennsylvania State University, 1967

HIGHLIGHTED EXPERIENCE

- Csaba's experience includes military, public safety and commercial projects including a wide range of restoration, expansion, renovation, and new building design projects.

REGISTRATIONS

- PA, Registered Architect, 1975

AFFILIATIONS

- American Institute of Architects

Fort Indiantown Gap Army National Guard Operational Training Facility, Annville, PA

U.S. Naval and Marine Corps Reserve Training Center, Ebensburg, PA

Pennsylvania Air National Guard, Operations and Training Center Renovations/Additions, Coraopolis, PA

Pennsylvania Air National Guard, Operations and Training Facility, Middletown, PA

New Jersey State Police Emergency Operations Center, West Trenton, NJ

Delaware State Police, New Troop 6 Complex, Architectural Program and Conceptual Design, Wilmington, DE

Charles County Sheriff's Headquarters Feasibility Study, La Plata, MD

Lancaster County, PA, New Forensic Center and Laboratory, Lancaster, PA

Charles County Sheriff's Headquarters Feasibility Study, La Plata, MD

Chester County, West Chester, PA

- Government Services Center
- Prison Feasibility Study for Additions/Alterations
- Prison, Renovations/Additions for an Intake Center

Logan Township Municipal Building, Altoona, PA

New State College Municipal Building, State College, PA

Clearfield County, Construction Documents for Courthouse, Clearfield, PA

Dare County, Design Phase Services for Governmental Complex, Manteo, NC

Greene County, Feasibility Study/Existing Conditions Surveys for County Facilities, Waynesburg, PA



DAVID MCROBERTS, CPP

L.R. KIMBALL | SECURITY & OPERATIONS
SPECIALIST



With a career in law enforcement and public safety, and past experience as a Jail Transition Team Leader and Jail Administrator, David's depth of experience is invaluable to our Corrections Team.

For 24 years, David served the Kenosha County Sheriff's Department as a Deputy Sheriff, advancing through the ranks to Sergeant, Lieutenant, and finally Captain. The scope of his responsibilities included: Patrol Supervisor, Patrol Shift Commander, Jail Administrator, and Detentions Division Commander together with Unit Commander of the Kenosha Sheriff's Department Tactical Response Team (SWAT). David also served for two years as a Police Officer for the Village of Twin Lakes, WI.

Since 1985, David has been a Wisconsin State Certified Law Enforcement Instructor for the Department of Justice/Division of Training and Standards. He is a national trainer and has delivered a variety of training topics to thousands of law enforcement officers and protective service personnel as well as private citizens. He is also the author of many written contributions to various publications, periodicals, and professional journals nationwide.

For over 16 years, David has worked with the L.R. Kimball Corrections Team as a Security and Operations Management expert. In this role, he serves as a liaison between our designers and our clients, ensuring that the design of the facility supports the client's operations in a safe, effective, and efficient manner.

Special career highlights include:

- Department Liaison/Project Manager and Transition Team Lead for a 600-bed detention facility design, development, construction, and operation
- Improved Public Safety developing best practice procedures and post orders in support of comprehensive detention system involving two facilities housing 1,000+ incarcerated persons in secure physical custody and specialty programs
- Directly handled all identification, qualification and liaison functions nationally for justice and public safety business opportunities ranging from \$3 Million to more than \$200 Million
- Improved profit developing and servicing complex projects in multiple regions across the nation
- Earned multiple awards and accolades, including: Distinguished Service Award – Veterans of Foreign Wars and Certificate of Merit – Kenosha County Sheriff's Department

David's Relevant Experience includes:

- Delaware State Police, New Troop 6 Complex, Architectural Program and Conceptual Design, Wilmington, DE
- New Jersey State Police Emergency Operations Center, West Trenton, NJ
- New Jersey State Police, Troop 'C' Headquarters and Firing Range, Hamilton, NJ
- Pennsylvania State Police, Feasibility Study for Renovation of Philadelphia Troop K Headquarters, Philadelphia, PA
- Rhode Island State Police, Design Development Services for Headquarters Facility, Cranston, RI

YEARS OF EXPERIENCE

- 16 Years

EDUCATION

- Gateway Technical College
- U.W. Wisconsin Parkside
- Wisconsin State Law Enforcement Training Academy
- Lakeland College
- Wisconsin State Patrol Academy

HIGHLIGHTED EXPERIENCE

- 28 Years in Law Enforcement & Public Safety – Captain, Lieutenant, Sergeant, Deputy & Tactical Team Commander, Jail Transition Team Leader, Programs Manager
- 15 Years of Experience as a Justice and Public Safety Client Liaison
- 16 Judicial / Public Safety Facility projects

CERTIFICATIONS

- Certified Protection Professional – International Board Certification by American Society of Industrial Security (ASIS)
- Adjunct Staff Instructor, Criminal Justice Program - Gateway Technical College
- Wisconsin State Certified Criminal Justice Instructor - Wisconsin Technical College System Board
- Practitioner for NIMS - Incident Command System
- CARVER – Federal Threat and Vulnerability Assessments
- Multiple Interview Assessments - Professional Judge and Review Examiner for professional consultants in delivering; background investigations, testing and screening of personnel

- Westmoreland County Community College, Public Safety Training Academy Class A Burn Building, Smithton, PA
- Sussex County Emergency Operations Center, Georgetown, DE
- Wayne County 9-1-1/Communications Center, Programming/ Master Plan Study, Honesdale, PA
- Wayne County Temporary 9-1-1/Communications Center, Honesdale, PA
- Wayne County 9-1-1/Communications Center, Honesdale, PA
- St. Mary's County, MD, Detention and Rehabilitation Center Expansion/Renovation, Leonardtown, PA

AFFILIATIONS

- International Association of Chiefs of Police (IACP)
- American Correctional Association (ACA)
- Society for Human Resource Management
- American Jail Association (AJA)
- American Society of Industrial Security (ASIS)
- National Sheriff's Association (NSA)
- International Law Enforcement Educators and Trainers Association (ILEETA) – Board Member / article contributions
- Correctional News – Advisory Board Member / article contributions

PUBLICATIONS

- *If I Knew Then 2, Warrior Reflections*, Edited by Brian R. Willis, Excerpt called "*Learning Not to be Selfish*"
- *American Blue, Real Stories by Real Cops*, Edited by Ed Nowicki, Excerpt called "*An Express Elevator Ride into Hell*"



THOMAS HARRISON

L.R. KIMBALL | SR. BUILDING DESIGNER & CONSTRUCTION ADMINISTRATOR



Tom brings over 30 years experience in architectural design, production, and construction documentation, and construction administration of buildings for a variety of project types. Tom also utilizes AutoCAD and Revit Software in the drafting and production of architectural drawings from the schematic design phase through construction documents. Tom has experience in the design of public safety, commercial, correctional, judicial, municipal, educational, residential, and recreational facilities. These project types encompass both new construction and renovations.

Tom's relevant project experience includes:

YEARS OF EXPERIENCE

· 31 Years

EDUCATION

· Associate, Architectural Engineering, The Pennsylvania State University, 1987

HIGHLIGHTED EXPERIENCE

· Tom's recent experience includes a variety of project types including work in WV, experience with government agencies and educational and training facilities

Hancock County, New Office of Emergency Management/9-1-1 Center and Health Department Building Complex, New Cumberland, WV

PA Department of General Services, New PA State Police Headquarters, Crime Lab, and Shooting Range, Erie, PA

Pennsylvania State Police, Greensburg Regional Dispatch Center, Greensburg, PA

United States Department of Veterans Affairs, National Cemetery Administration, Indiantown Gap National Cemetery Expansion & Improvements, Annville, Lebanon County, PA

PA Turnpike Commission, Open-End Contract for A&E Services, Various, PA

- New Kegg Maintenance Facility, Manns Choice, PA
- Design services for the staff memorial at the entrance plaza of the Central Administration Building, Harrisburg, PA
- Bowmansville Maintenance Feasibility Study, Bowmansville, PA
- Mon-Fayette Expressway, New Jefferson Hills Warehouse, Canonsburg, PA
- Central Archive Facility Work, Middletown, PA
- Mezzanine Load Capacity Structural Analysis at Three Maintenance Facilities in District 3 Various Locations, PA
- Harrisburg West Interchange, Back Up Traffic Operations Facility, Interior renovations to existing 1,000 square feet garage building, Harrisburg, PA

Harrisburg Area Community College, Select Medical Health Education Pavilion, Harrisburg, PA

Pennsylvania Highlands Community College, Renovation of Former Richland High School for College Use, Johnstown, PA

Chamber of Business and Industry of Centre County, Technology Center Expansion at Innovation Park, State College, PA

PA Department of General Services, New Armstrong County Maintenance Facility, Salt & Equipment Storage Buildings, and Site Development [Schematic Design], Kittanning, PA

Windber Research Institute, Laboratory and Multi-Tenant Office Building, Windber, PA

Maser Consulting P.A., Federal Aviation Administration - William J. Hughes Technical Center, Atlantic City International Airport, Open-End Architecture and Engineering Contract, Atlantic City, NJ



DEAN HESEL

L.R. KIMBALL | SENIOR INTERIOR DESIGNER



With over 30 years of experience in the architectural field, Dean has experienced first-hand the "technological evolution" of CADD. Dean uses his depth of experience in BIM systems as a tool for producing architectural/interior design details. Using Revit and Lumion technology, Dean creates 3D finish schedules and digital color boards to bring our clients' projects to life.

Dean has worked on various building types throughout his career including commercial, industrial, educational, sports, healthcare, public safety, judicial, governmental, correctional, and residential facilities.

YEARS OF EXPERIENCE

- 31 Years

EDUCATION

- Associate, Interior Design, The Art Institute of Pittsburgh, 1987

HIGHLIGHTED EXPERIENCE

- Wide range of design experience with renovations, restorations, expansions, adaptive reuse, and new building designs
- Experience working in WV and with government agencies.
- Expert in BIM systems

Dean's relevant project experience includes:

Delaware Valley Intelligence Center and Emergency Operations Center, Philadelphia, PA

The Greater Johnstown Technology Park Master Plan, Johnstown, PA

Sheetz Corporate Headquarters and Operations Center, Claysburg, PA

Cabell County Emergency Services Center, Huntington, WV

New Jersey Air National Guard, Communications/Security Forces Facility, Pomona, NJ

New Jersey State Police, Emergency Operations Center, West Trenton, NJ

New Office of Emergency Management/911 Center and Health Department Building Complex, Hancock County, WV

Lockheed Martin, Owego, NY

- VH-71 Presidential Helicopter Integration Facility
- Phase IIA Conceptual Development of CSAR-X Building and Site

Windber Research Institute, Laboratory and Multi-Tenant Office Building, Windber, PA

State College Municipal Building, State College, PA

Chatham County Detention Center Expansion, Savannah, GA

PA Department of General Services

- SCI Albion, Erie, PA
- SCI Coal Township, Shamokin, PA
- SCI Fayette, LaBelle, PA
- SCI Smithfield, New Housing Unit and Infrastructure/Security Upgrades

St. Mary's County, MD, Detention and Rehabilitation Center Expansion/Renovation, Leonardtown, PA

U.S. Marshals Service Design-Build Facility, Pittsburgh, PA



BRAD BLICKENDERFER, PE

L.R. KIMBALL | SENIOR ELECTRICAL ENGINEER



Brad has 20 years of experience in the design of electrical, lighting, telecommunications, and security systems for various types of projects including a variety of local, county, state, and federal government facilities. His responsibilities include site inspections and field surveys, cost estimating, coordination of various building systems with electrical and lighting requirements, preparation of reports and specifications, ensuring compliance with all applicable codes and equipment specifications, shop drawing/submittal processing, review of value engineering and change order requests, and punchlists.

Brad's relevant project experience includes:

YEARS OF EXPERIENCE

- 20 Years

EDUCATION

- Bachelor of Science, Electrical Engineering, University of Pittsburgh at Johnstown, 1999

HIGHLIGHTED EXPERIENCE

- Brad's recent experience includes a variety of government projects

REGISTRATIONS/ CERTIFICATIONS

- WV, Professional Engineer, 2012
- Professional Engineer in Seven Additional States

AFFILIATIONS

- Institute of Electrical and Electronics Engineers

PA Department of General Services

- New PA State Police Headquarters, Crime Lab, and Shooting Range, Erie, PA
- New Armstrong County Maintenance Facility, Kittanning, PA

PA Department of General Services, PAARNG Readiness Center, Hermitage, PA*

- Complete Electrical Design of New Army National Guard Readiness Center

PA Department of General Services, Stryker Brigade Building – Punxsutawney, Punxsutawney, PA*

- Complete Renovation to Existing Stryker Building

PA Department of General Services, Stryker Brigade Building – Bradford, Bradford, PA*

- Complete Renovation to Existing Stryker Building

PA Department of Corrections, New Office Building, Mechanicsburg, PA*

- Complete Electrical Design of New Department of Corrections Office Headquarters Building

Calvert County, Backup EOC Electrical Study, Prince Frederick, MD

Lehigh County Forensic Facility, Lehigh County, PA

Lancaster County, PA, New Forensic Center and Laboratory, Lancaster, PA

Chatham County, Detention Center Expansion/Renovation, Savannah, GA

Cambria County PMC Building, New Office Addition and Interior Renovations, Ebensburg, PA*

P.T. Municipal Authority, Porter Tower Wastewater Treatment Plant, Tower City, PA*

- Complete Electrical Design of Wastewater Treatment Plant

US Air Force, Youngstown Air Force Base – New Soldier Housing, Youngstown, OH*

- Complete Electrical Design of New Housing Unit Complex

Sheetz Inc.

- Corporate Headquarters and Training Center, Claysburg, PA
- Renovations to Existing Corporate Offices (Four Buildings), Altoona, PA and Claysburg, PA

*Indicates project experience prior to joining L.R. Kimball



RYAN MEITZLER, PE, LEED AP ID+C

L.R. KIMBALL | SENIOR MECHANICAL ENGINEER



Ryan has nearly 15 years of experience in the design of complex mechanical and plumbing systems for various types of projects including offices, and government facilities, involving both new construction and renovations. Ryan's responsibilities and experience have included serving as the primary point of contact for clients; survey and documentation of existing building systems and conditions; development of construction documents and coordination with architectural and structural elements; and ensuring compliance with ICC codes, ASHRAE standards, and other applicable requirements. Ryan's experience also includes the management and documentation of LEED credits as well as the maintenance and improvement of CAD, Revit, and mechanical department standards. He is proficient in AutoCAD MEP, Revit, MasterSpec, HAP, Trane Trace 700, and the Microsoft Office Suite.

YEARS OF EXPERIENCE

- 14 Years

EDUCATION

- B.S., Mechanical Engineering, The Pennsylvania State University, 2004

HIGHLIGHTED EXPERIENCE

- Ryan's experience involves a variety of project types including complex data centers and office buildings
- Recent experience on a public safety building project

REGISTRATIONS/ CERTIFICATIONS

- WV, Professional Engineer, 2017
- Registered Engineer in 8 Additional States
- LEED Accredited Professional Interior Design + Construction (LEED AP ID+C), 2013

AFFILIATIONS

- American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)

Ryan's relevant project experience includes:

PA Department of General Services, New PA State Police Headquarters, Crime Lab, and Shooting Range, Erie, PA

PA Turnpike Commission, Open-End Contract for A&E Services, Various, PA

- Bowmansville Maintenance Feasibility Study and Design Services, Bowmansville, PA
- Central Archive Facility Work, Middletown, PA
- Harrisburg West Interchange, Back Up Traffic Operations Facility, Interior renovations to existing 1,000 square feet garage building, Harrisburg, PA
- Mon-Fayette Expressway, New Jefferson Hills Warehouse, Canonsburg, PA

Allegheny County Department of Public Works, South Park District 5 Warehouse Site Analysis, Pittsburgh, PA

Toms River Regional Schools, Energy Savings Improvement Projects, Maser Consulting, Toms River, NJ

Amazon Web Services, Approximately 125,000 SF across 5-1/2 floors*

- Spaces consisted of open and closed offices, pantries, conference rooms, conferencing center & SCIF space. Multiple glycol-cooled supplemental AC units for various IT spaces.

Scitor HQ – Cyber Lab, Approximately 8,000 SF*

- Spaces consisted of closed offices, pantry, IT lab conference rooms and showcase server room. Coordinated design with vendor and tenant for incorporation of tenant provided IT equipment (IT racks with front and rear containment, in-row cooling, UPS, etc).

New 3-story building, approximately 137,000 SF, Built to Suit for a Government Agency, Sterling, VA*

- Designed as two separate projects, core & shell and tenant interiors, with two different architects. Mechanical design included six 75-Ton VAV RTUs for the typical floors as well as two small RTUs for the entry and loading dock areas.

CNA - Approximately 130,000 SF across 7 floors.*

- Tenant project designed before building construction began. Spaces consisted of open and closed offices, pantries, conferencing and training areas, IT rooms, data center and multiple SCIF spaces. Mechanical design consisted of a variable flow supplemental glycol system, multiple glycol-cooled AC units backed-up by a tenant generator. Acted as primary mechanical engineer and designed project in Revit.

*Indicates project experience prior to joining L.R. Kimball



DAVID CINER, CPD, LEED AP

L.R. KIMBALL | SENIOR PLUMBING /

FIRE PROTECTION DESIGNER



With 40 years of experience in plumbing and fire protection design, Dave has been involved in a large variety of project types including municipal and public safety facilities. He is involved in the design and preparation of working drawings for all types of plumbing/fire protection systems. His experience includes the preparation of plumbing and fire protection specifications, field surveys, and cost estimating of various building types. Dave's relevant project experience includes:

Clayton G. Graham Public Safety Building, Atlantic City, NJ

Altoona City Hall Renovations, Altoona, PA

Cambria County, 9-1-1 Facility, Ebensburg, PA

Charles County Sheriff's Headquarters, La Plata, MD

New Jersey State Police, Technology Complex, Hamilton, NJ

New Jersey State Police, Troop 'C' Headquarters and Firing Range, Hamilton, NJ

Steuben County 9-1-1 Center, Bath, NY

Westmoreland County 9-1-1 Center, Westmoreland County, PA

Blair County District Justice Office, Hollidaysburg, PA

Cambria County Courthouse Addition, Ebensburg, PA

Cameron County Courthouse Renovations/Additions, Emporium, PA

Chester County Government Services Center, West Chester, PA

Kenosha County Courthouse Renovations/Additions, Kenosha, WI

Perry County Courthouse Renovations/Additions, New Bloomfield, PA

Pike County Administration Building, Milford, PA

State College Municipal Building, State College, PA

Youngwood Borough, New Borough Office Building, Youngwood, PA

The Greater Johnstown Technology Park, New Multi-Tenant Office Building, Johnstown, PA

Sheetz, Inc., New Corporate Headquarters & Training Center, Claysburg, PA

Federal Aviation Administration, Open-Ended Contract for Architectural & Engineering projects at the William J. Hughes Technical Center, Atlantic City, NJ [Consultant to Maser Consulting] □

Yeager Airport Terminal Building Renovations/Expansion, Charleston, WV

Yeager Airport Rental Car Facility and Fueling Terminal, Charleston, WV

YEARS OF EXPERIENCE

· 40 Years

EDUCATION

· Associate, Drafting/Design Technology, Electronics Institute of Pittsburgh, 1972

HIGHLIGHTED EXPERIENCE

· Dave has worked on a variety of projects for government agencies

CERTIFICATIONS

· Certified Plumbing Designer (CPD)

· LEED Accredited Professional

AFFILIATIONS

· American Society of Plumbing Engineers (ASPE)



CHRISTOPHER BOWERS, PE, SE*

L.R. KIMBALL | SENIOR STRUCTURAL ENGINEER

Chris has over 18 years of experience as a Structural Engineer on a variety of projects including hangars and military and training facilities. He utilizes structural analysis and design software as well as AutoCAD and Revit in the drafting and production of drawings for structural systems for various types of facilities including educational and federal facilities.

Chris is a member of American Institute of Steel Construction; American Society of Civil Engineers; American Concrete Institute; Structural Engineers Association of Pennsylvania - Structural Engineering Emergency Response Committee Member; and PEMA Task Force 2, Company 5, Urban Search and Rescue, Structural Engineer.

YEARS WITH THE FIRM

- 18 Years

EDUCATION

- BS, Civil Engineering, The Pennsylvania State University, 2000

HIGHLIGHTED EXPERIENCE

- Experience with the design of Public Safety & Law Enforcement buildings
- Federal, State, and Local Project Experience

REGISTRATIONS / CERTIFICATIONS

- **WV, Professional Engineer, 2006**
- Registered Engineer in 13 Additional States
- Illinois, Licensed Structural Engineer, 2010 (*Licensed Structural Engineer [SE] in IL and NE Only)
- Nebraska, Licensed Structural Engineer, 2014 (*Licensed Structural Engineer [SE] in IL and NE Only)
- California, Safety Assessment Program Evaluator, 2014

PROFESSIONAL AFFILIATIONS

- American Institute of Steel Construction
- American Society of Civil Engineers
- Structural Engineers Association of Pennsylvania - Structural Engineering Emergency Response Committee Member
- PEMA Task Force 2, Company 5, Urban Search & Rescue, Structural Engineer

A partial listing of Chris' relevant project experience includes:

PA Department of General Services, Armed Forces Reserve Center (Readiness Center) and Field Maintenance Shop, Williamsport, PA

PA Department of General Services, New Armstrong County Maintenance Facility, Salt & Equipment Storage Buildings, and Site Development (Schematic Design), Kittanning, PA

Lockheed Martin, Owego, NY

- VH-71 Presidential Helicopter Integration Facility

United States Gypsum Corporation, Washingtonville, PA

- Synthetic Gypsum Auxilliary Storage Shed

PA Turnpike Commission, Open-End Contract for A&E Services, Various, PA

- Bowmansville Maintenance Facility, Bowmansville, PA
- Central Archive Facility Work, Middletown, PA

Cabell County Commissioners, Emergency Services Center, Huntington, WV

Hancock County, WV, New Office of Emergency Management/911 Center and Health Department Building Complex, New Cumberland, WV



GREGORY SCHROCK, PE, CPESC, CP-SWPPP

L.R. KIMBALL | SENIOR CIVIL ENGINEER

Greg has over 25 years serving as a Civil Engineer and Project Manager for L.R. Kimball. He specializes in various aspects of site development and municipal design. On the municipal side, he is involved with the design of waterlines, sanitary sewers, pumping stations, and water systems. As a project engineer/manager, he is responsible for the design, project management, project meetings and coordination, project specifications, client interaction, and permit acquisition for various land development projects. He is involved with the design of roadways, parking lots, site layout, stormwater management facilities and analysis, sanitary sewer systems, water distribution systems, and the preparation of contract documents.

YEARS OF EXPERIENCE

- 25 Years

EDUCATION

- BS, Civil Engineering Technology, University of Pittsburgh at Johnstown, 1994

HIGHLIGHTED EXPERIENCE

- Greg's experience involves the design of roadways, parking lots, site layout, stormwater management facilities and analysis, sanitary sewer systems, and water distribution systems; hydrologic and hydraulic analysis; preparation of contract documents; earthwork takeoff calculations; and cost estimates for state agencies and local agencies.

REGISTRATIONS / CERTIFICATIONS

- WV, Professional Engineer, 2006
- Registered Professional Engineer in 3 Additional States
- Qualified Preparer of Stormwater Pollution Prevention Plans, No. [REDACTED] Expires 1/10/19
- Certified Professional in Erosion and Sediment Control, No. [REDACTED] Expires 11/27/18

Greg's stormwater management design experience includes hydrologic and hydraulic analysis, detention basin design, stormwater collection and conveyance system design, preparation of construction drawings, preparation of stormwater management reports including pre- and post-development runoff computations, routing of storm flows through proposed detention basins, and basin design computations. He is also involved with the preparation of erosion and sedimentation control plans including designing the construction documents, preparing NPDES permit applications, letters, erosion and sedimentation control reports, preparing construction sequences, and design computations for each erosion and sedimentation control device utilized. With NPDES and stormwater plan submissions, Greg is involved with Best Management Practices and design, water quality devices, stormwater volume calculations, rain garden, and bioretention and infiltration systems that assist with the reduction of stormwater management peak flows and impact to the downstream waterways or systems.

Greg's relevant project experience includes:

PA Department of General Services, Various, PA

- New Armstrong County Maintenance Facility, Salt & Equipment Storage Buildings, and Site Development (Schematic Design), Kittanning, PA
- New Headquarters Facility, P&S/Garage and Crime Lab, Erie Headquarters, Summit Twp., Erie County, PA

PA Turnpike Commission, Open-End Contract for A&E Services, Various, PA

- New Kegg Maintenance Facility, Manns Choice, PA
- Bowmansville Maintenance Feasibility Study, Bowmansville, PA

Allegheny County Department of Public Works, Allegheny County, PA

- Hemlock County Wedding Pavilion

Hancock County WV Board of Commissioners, Hancock County, WV

- New Office of Emergency Management/911 Center and Health Department Building Complex(Schematic, Wetland Assessment, Surveying and Mapping)

Wal-Mart Stores, Inc., Bentonville, AK

- Charleston, WV Engineering Services
- Worked on over 47 separate Wal-Mart projects

Jemsite Development, LLC, Lawrence Township, PA

- Lowe's Home Improvement Store - Land Development

ECHO Real Estate Services Company, Various Sites, PA and OH

- Various Development Projects



GEORGE KOPCHIK

L.R. KIMBALL | GEOSPATIAL SERVICES

George's experience and education have provided him with the technical and management skills necessary for completing the most complex mapping projects. Over the past 35 years, George has had extensive experience in aerial photography, volume computations, digital orthophotos, GIS, and in producing topographic and planimetric maps. He is responsible for QA/QC activities including the checking and verification of planimetric and topographic maps, digital orthophotos, GIS projects, and stockpile inventories for numerous clients. Since joining L.R. Kimball, George has gained valuable knowledge in all phases of surveying, photogrammetric mapping, and GIS. He has been involved in planning, management, production, and delivery of many mapping projects undertaken by the firm. His knowledge, growth and diversity have moved him from his beginnings as a CAD Technician, to Project Manager, and then to Senior Project Manager. He served as an Assistant Operations Manager in the Geospatial Services Group and is currently the Director of Geospatial Services.

YEARS OF EXPERIENCE

- 35 Years

EDUCATION

- Associate, Computer Aided Drafting and Design, Pittsburgh Technical Institute

HIGHLIGHTED EXPERIENCE

- 35+ years of experience on hundreds of surveying & mapping projects of varying sizes & complexities

REGISTRATIONS / CERTIFICATIONS

- FAA Remote Pilot Certification, 2019
- NC, Professional Land Surveyor, 1999
- SC, Professional Land Surveyor, 2003
- VA, Surveyor, 2010
- Photogrammetrist
- Certified Project Management Professional [PMP], [REDACTED] 4/10/18

In summary, George has served in areas of mapping sciences such as project management, division operations, financial reports, budgets and estimates, technical and cost proposals, marketing, digital orthophotography, ArcInfo, KORK, Atlas, and Intergraph software, GIS applications, planning, and database design concepts, photogrammetry, surveying, data conversion, and stockpile inventories. George is also experienced in Microsoft Office.

George is experienced in managing the geospatial components of aviation related projects that require AGIS program specifications in accordance with Advisory Circulars 150/5300 -16A, -17C, and -18B.

A select list of his relevant experience includes:

PA Department of General Services, New PA State Police Headquarters, Crime Lab, and Shooting Range, Erie, PA

Fairmont Regional Airport, Fairmont, WV

- Surveying and mapping related efforts for the obstruction mapping and analysis project.

Various Survey and Mapping Projects

- For over 31 years, George has worked on literally hundreds of surveying and mapping projects of various sizes and complexities. He served as the Project Manager for major projects like the Allegheny Energy TrAIL Project that consisted of surveying and mapping for the construction of a transmission line crossing four states. Currently his primary responsibility is to oversee the operations of the Geospatial team but he also manages projects as needed.

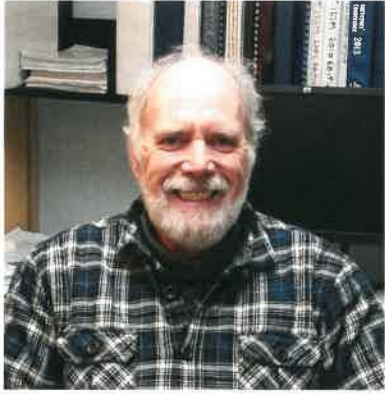
PA Department of Environmental Protection

- Project Manager for photogrammetric mapping and survey of 35 AMD sites for the PADEP.

Carrie Furnace Redevelopment, Allegheny County, PA

Cambria County Final Design, SR 0022, Section 005, PADEP

- Aerial photography, surveying and mapping activities in support of the engineering necessary for improvements to the existing 2-3 lane section to 4-5 lanes with realignment where necessary



STEPHEN LANDGREBE, PLS

L.R. KIMBALL | LAND SURVEYOR

Steve serves as a Senior Survey Party Chief with over 30 years of experience. He has been responsible for various aspects of survey field work, data reduction, and production of the required survey deliverables. His years of experience include horizontal and vertical control networks, geometry, boundary and ALTA/ACSM surveys, right of way surveys, erosion and sedimentation control relating to stakeout of silt fence, etc. along with utility surveying and construction inspection. Since joining L.R. Kimball, Steve has gained valuable knowledge in various phases of surveying relating to architectural, civil design, photogrammetric mapping, stockpile volumes, and GIS projects.

YEARS OF EXPERIENCE

- 32 Years

EDUCATION

- BS, Civil Engineering Technology, University of Pittsburgh at Johnstown, 1994

HIGHLIGHTED EXPERIENCE

- Steve's experience involves a variety of project types including successful experience working for WV government agencies

REGISTRATIONS / CERTIFICATIONS

- WV, Professional Land Surveyor, 2017
- NY, Professional Land Surveyor, 1995
- TN, Professional Land Surveyor, 2009
- PA, Professional Land Surveyor, 2013

Steve's relevant project experience includes:

PA Department of General Services, New PA State Police Headquarters, Crime Lab, and Shooting Range, Erie, PA

WVDOT Statewide Open-End

- Surveying to establish photo control and set monumentation for several aerial photography and surveying projects in West Virginia.

Established reference circles and performed field surveying and office processing for the Thorn Run Interchange Improvement Project in Moon Township, Pittsburgh, PA.

CPV Fairview Power Plant, Vinco, PA

- 86 acre ALTA survey, established 5 permanent Class B Rod Marks, various property and boundary and easement surveys all relating to the property transfer and construction of a gas-fired generating station.

PADOT SR70/SR79 Interchange, Washington County, PA

- Surveying to establish photo control for photogrammetric base mapping. Re-established the existing horizontal and vertical geometry.

PA District 9 - SR 6219 Section 020

- As-built surveys and Kimberly Run Stream Relocation field surveying and office processing.

Lehigh-Northampton Airport Authority, Queen City AGIS Mapping (ALP Update; Obstruction Mapping and Removal), Allentown, PA

- Performed horizontal and vertical ground control network, runway centerline and profile surveys, planimetric detail surveying and field verification. Completed in accordance with the current FAA AC150-5300 -18B Airport GIS specifications.

Wal-Mart Stores, Inc., Kilbuck Wal-Mart Engineering Services, Kilbuck, Allegheny County, PA

- Performed field survey monitoring of numerous monuments throughout the site and processed GPS data collected to be updated in the monitoring report spreadsheets. CDI/L.R. Kimball provided design review, site monitoring, data collection, construction, and survey services to Wal-Mart Stores, Inc. following a significant landslide (1.5 million cubic yards) during the site grading of the River Pointe Plaza development. Immediately following the landslide, emergency efforts occurred to reopen SR 65 and the Norfolk and Southern railroad line. An extensive site monitoring program was established that included surface monitoring points, inclinometers, and piezometers. Data collected from the site was evaluated and a multi-phase construction plan was developed to stabilize the construction site.



TAMMY SHERWIN

L.R. KIMBALL | ENVIRONMENTAL SERVICES

Tammy has 25 years of experience as an Environmental Scientist on a variety of projects, responsible for developing NEPA documentation, including Categorical Exclusion Evaluations (CEE), Environmental Assessments (EA), Environmental Impact Statements (EIS), and Section 4(f) Evaluations. She is also responsible for the following types of studies needed to develop the NEPA documentation: wetland delineations, surface water studies, habitat assessments (terrestrial and aquatic), Section 7 consultation, farmland evaluations, floodplain identification, land use studies, and socioeconomic evaluations. Tammy also prepares the applicable permit packages and coordinates agency meetings for each project.

YEARS OF EXPERIENCE

- 25 Years

EDUCATION

- BS, Biology Indiana University of Pennsylvania, 1993

HIGHLIGHTED EXPERIENCE

- Tammy is responsible for developing NEPA documentation, including Categorical Exclusion Evaluations (CEE), Environmental Assessments (EA), Environmental Impact Statements (EIS), and Section 4(f) Evaluations

AFFILIATIONS

- Pennsylvania Association of Environmental Professionals (PAEP)
- Board of Directors 06 & 07, Office of Secretary

Her public involvement experience includes the creation of project newsletter mailing lists, preparation of project newsletters, organization of public meeting agendas and places of meeting, creation of public meeting displays and surveys, presentation of project materials to the public, and preparation of public meeting response summaries. Tammy has also coordinated with Community Advisory Committees (CAC).

Tammy's relevant project experience includes:

Yeager Airport, Charleston, WV

- Runway 5, Runway 23, and Taxiway A Safety Improvements Project
- Obstruction Removal Project

Fairmont Municipal Airport, Fairmont, WV

- Runway Safety Area Improvements/Parallel Taxiway Construction Project
- Construct West General Aviation Apron Project

Big River Development/Hammel Companies, Inc., Pittsburgh, PA

- Armstrong Cork Factory Trail Extension and River Bulkhead Replacement

Allegheny Passage Trail Regional Trail Corporation, Pittsburgh, PA

New Jersey Department of Environmental Protection, Jersey City, NJ

- Freshwater Wetland Project at Liberty State Park
- Comb Fill Pilot Testing
- Bay Avenue BP/Russo RFP Site
- Big Hill/BEMS Mod #14
- RI/RAA Grant Industries
- RI/RAA Stor Dynamics

Urban Redevelopment Authority of Pittsburgh, Pittsburgh, PA

- 101 Bonvue Street Asbestos Services
- 2014 Hill District Properties
- Hill District Asbestos and Hazmat Survey
- Broadead Fording Phase I ESA & Hazardous Materials Survey
- Shoppes at Doughboy Demolition
- Wood Street and Forbes Avenue Phase I ESA and HazMat Survey

Williamsport Regional Airport, Montoursville, PA

- Wildlife Training Program 2014-2016
- Spill Prevention, Control and Countermeasure Plan
- Improvements to Runway 9-27 Approaches - Phase 1
- Terminal Building Environmental Assessment Services

Key Staff



Richard Chudzik

**President & Owner –
Estimator & Project Manager**

Background

Rich brings over 19 years of leadership experience across organizations and teams of varying functions, sizes, and industries to Trophy Point. Rich has served as the Estimator-of-Record and Project Manager on several new-build and renovation projects.

Rich has worked as a Quantity Estimator, Project Manager, and Estimator-In-Charge. These projects have ranged from \$75,000 to \$250M in construction value. Prior to starting Trophy Point, Rich worked as an Estimator and Business Development Director for one of the Nation’s most reputable Cost Consulting firms, Baer & Associates.

Prior to joining the Construction Industry, Rich worked in the Aerospace & Defense Industry where he served in several different capacities and at varying levels at Moog and General Dynamics Land Systems in General Management, Supply Chain, Business Development, and Operations. As a Veteran Infantry Officer who served in Iraq and Afghanistan, Rich has a passion for supporting our Veterans and their Spouses – something that served as an impetus behind the founding of Trophy Point. He is the recipient of a Bronze Star, Purple Heart and a graduate of several military schools, including Ranger, Airborne, Air Assault, Marine Corps Mountain Warfare, and SERE Level B schools.

Education

- *United States Military Academy, West Point, NY*
B.S. – Political Science & Computer Science
- *Duke University, Durham, NC*
M.B.A.
- *Cornell University, Ithaca, NY*
M.Eng. – Systems Engineering

Project Experience

- Niagara Falls Air Force Base – Renovate APS Facility Building 810
- Niagara Falls Air Force Base – Building 821 Addition & Alterations for Emergency Control Center
- OGS Camp Smith Training Site – Building 503 Interior Renovations
- Knolls Atomic Power Laboratory (KAPL) Building C7
- NYS Police Troop K Headquarters – Forensic ID Unit Building Addition & Renovation



Key Staff



Joseph Dommer

Executive Vice President – Senior Estimator

Background

Joe brings 29 years of industry experience to the firm. With a degree in Construction Management Technology, Mr. Dommer's experience includes many public, university, K-12, healthcare, and complex industrial projects where he has served as the Chief Cost Estimator and/or Project Manager.

Joe has supported hundreds of projects that have ranged from \$100,000 to \$500M in construction value. He is also a graduate of the University at Buffalo Center for Entrepreneurial Leadership. Joe's experience is rooted in his time at Baer & Associates where he started in June 1991 as a Summer intern and became a full-time employee in May 1992. Joe's career path took him through several different roles at Baer & Associates, including Quantity Estimator, Project Manager, Vice President, and President in 2004.

In 2017, he co-founded Trophy Point with Rich Chudzik and has been applying his lessons learned from the industry over the past 29 years towards growing the company. Mr. Dommer is a member of the Erie Community College Civil Engineering / Construction Management Advisory Council, the Hilbert Board of Trustees, and an affiliate member of the Buffalo-Western New York Chapter of the American Institute of Architects.

Education

- *Erie Community College, Buffalo, NY*
Associates – Construction Management
- *University at Buffalo, Buffalo, NY*
Core program graduate – Center for Entrepreneurial Leadership

Project Experience

- Niagara Falls Air Force Base – Repair Aircraft Fire Training Facility
- Niagara Falls Air Force Base – 914th Airlift Wing – Renovate Hangar B850
- Picatinny Arsenal – Provide New Building 18 Annex, Phase 1
- Connecticut Street Armory Masonry Restoration
- Jamaica Armory Renovation
- NYS Police Troop A Headquarters – Forensic ID Unit Addition & Renovations
- Coxsackie Correctional Facility – Cell Block & Admin Addition
- ALCOSAN Laboratory Industrial Waste Facility – Pittsburgh



4588 South Park Ave. Blasdell, NY 14219 · 787 Pine Valley Drive, Suite A, Pittsburgh, PA 15239 · 716-823-0006 · www.trophypoint.com

BURTON R. HOLT, P.E.

Project Manager

EDUCATION

Montana College of Mineral Science and Technology B.S, Civil Engineering, 1984

REGISTRATIONS

Professional Engineer Pennsylvania [REDACTED]
West Virginia [REDACTED]

EXPERIENCE

Years w/Ackenheil: 26 Years w/other Firms: 9

GENERAL QUALIFICATIONS

Mr. Holt has over 35 years of experience providing professional civil and geotechnical engineering services as well as construction inspection and testing services to both public and private sector clients. Mr. Holt is currently retained by PennDOT, Allegheny County and the City of Pittsburgh to perform geotechnical design reviews for conformance to industry standards and PennDOT geotechnical design requirements. Mr. Holt has also provided geotechnical expert witness services associated with legal complaints for numerous cases in Pennsylvania and West Virginia.

Mr. Holt's professional experience includes a variety of engineering design and construction projects including interstate highways and bridges, state and local highways and bridges, mass transit systems, sewage treatment plants, power plants, industrial facilities, airports, commercial developments and residential developments. Mr. Holt has designed conventional shallow and deep foundations, gravity, cantilevered, tie-back, and soil-nailed retaining walls, concrete and asphalt pavements, permanent and temporary cut and fill slopes, mine subsidence remediation programs and landslide remediation programs. Mr. Holt has also performed, supervised and managed construction inspections and field and laboratory testing of soil, concrete, masonry, asphalt and steel installations for highways, bridges, airports, buildings, plants and warehouses.

A summary of Mr. Holt's recent applicable project experience as a Project Manager follows:

<u>Project Name</u>	<u>Year Complete</u>	<u>Scope of Work</u>
Addison Terrace Phases 1-4 (URA)	2019	Geotechnical Engineering and Inspection
I70/SR51 Interchange Improvements (D12)	2019	Geotechnical Engineering
South Park Maintenance Facility (ACDPW)	2018	Geotechnical Engineering
Southern Beltway Maint. Facility (PTC)	2018	Geotechnical Engineering
Greensburg Police Headquarters (DGS)	2018	Geotechnical Engineering

Jesse T. Lape, P.E.

EDUCATION

University of Pittsburgh, Pittsburgh, PA 2009
Bachelor of Science Degree / Civil Engineering
Certificate in Geotechnical Engineering

CERTIFICATIONS

Professional Civil Engineer 2016 - Present PennDOT Drilling Inspector 2013 - Present
Pennsylvania, PE 085161 **Certification Number: 297-13**

CERTIFICATIONS & TRAINING

Radiation Safety Officer & Nuclear Gauge Certification FAA ERLPM Asphalt Accreditation
 ACI Concrete Field Testing Technician Certification OSHA, FAA, & Hazwoper Safety Training
 ACI Concrete Strength Testing Technician Certification Maintain Lab. AASHTO & CCRL Certification

EXPERIENCE

Ackenheil Engineers, Inc., Pittsburgh, PA

Engineering Intern / Civil Technician 2007 – 2009
Staff Geotechnical Engineer / Laboratory Manager 2009 – 2016
Project Geotechnical Engineer / Laboratory Manager 2016 - Present

A summary of Mr. Lape's recent project experience follows:

<u>Project Name</u>	<u>Year Complete</u>	<u>Scope of Work</u>
Staunton Heights Slide	2020	Geotechnical Engineering – Drilling & Monitoring
E. Laurel Way Retaining Wall (Homestead)	2019	Geotechnical Reconnaissance – Wall Replacement
Boston Pump Station	2019	Geotechnical Engineering – Foundation Recommendation
Stoneybrook Drive Erosion & Landslide	2019	Geotechnical Evaluation & Recommendations
Jacktown Road Slides	2019	Geotechnical Engineering – Multiple Landslides
Sweeny WTP Canopy Building	2019	Geotechnical Engineer - Foundation
White Oak Storage Slide	2019	Geotechnical Evaluation & Recommendations
Greece City Bridge	2019	Geotechnical Engineering – Foundation
Roosevelt Avenue Landslide	2019	Geotechnical Engineering – Rock Buttress
Meadow Drive Landslide	2019	Geotechnical Expert Litigation Witness
IDV Development	2019-2020	Geotechnical Engineering – Subgrade Improvements
Findlay Township Water Tank	2019	Geotechnical Engineering – Foundation & Grading
Elizabeth Avenue Slide – Stowe Township	2019-2020	Geotechnical Engineering - Landslide
PTC Southern Beltway	Present	Geotechnical Consultations
NHTMA WWTP Expansion	2018-2019	Geotechnical Inspection – Settlement Analysis
North Fork Dam	2018	Geotechnical Engineering – Stability Analysis
I-70 / S.R. 51 Interchange	2018	Geotechnical Subsurface Investigation
911 th AFB AGE Building Addition	2018	Geotechnical Engineering
Greensburg Police Headquarters Bldg.	2018	Geotechnical Engineering
PTC Jefferson Hills Warehouse	2018	Geotechnical Engineering
ACDPW South Park Facility	2018	Geotechnical Engineering

STAFF CERTIFICATIONS



West Virginia State Board of Registration for Professional Engineers

DAVID A. RISPOLI
WV PE [REDACTED]

This is to certify that the above named PROFESSIONAL ENGINEER has met the requirements of the law, is duly registered and is entitled to practice engineering in the State of West Virginia.

EXPIRES December 31, 2020

4/26/2020

West Virginia Board of Architects Certificate

The West Virginia Board of Architects

certifies that

BRIAN PAUL ENDLER

is registered and authorized to practice
Architecture in the State of West Virginia.

In testimony whereof this certificate has been issued
by the authority of this board.

Certificate Number [REDACTED]

The registration is in good standing until June 30, 2020.



[Signature]
Board Administrator

https://www.membersbase.com/wv/wv/wvboard/regist.asp?14751

19



West Virginia State Board of Registration for Professional Engineers

RYAN BRETT MEITZLER
WV PE [REDACTED]

This is to certify that the above named PROFESSIONAL ENGINEER has met the requirements of the law, is duly registered and is entitled to practice engineering in the State of West Virginia.

EXPIRES December 31, 2020

The West Virginia Board of Architects

certifies that

DIANE C. GLARROW

is registered and authorized to practice
Architecture in the State of West Virginia.

In testimony whereof this certificate has been issued
by the authority of this board.

Certificate Number [REDACTED]

The registration is in good standing until June 30, 2020.



[Signature]
Board Administrator



West Virginia State Board of Registration for Professional Engineers

CHRISTOPHER M. BOWERS
WV PE [REDACTED]

This is to certify that the above named PROFESSIONAL ENGINEER has met the requirements of the law, is duly registered and is entitled to practice engineering in the State of West Virginia.

EXPIRES December 31, 2020

WEST VIRGINIA
Board of Professional Surveyors

Home Forms Law Quick Links About Board Information

West Virginia Board of Professional Surveyors > Surveyor Search Results

SURVEYOR SEARCH RESULTS

Page 1 of 1

Stephen Michael Landgrebe
License Number [REDACTED]
Current Status: Active
South Fork, PA 15956

Total Results: 1
Page: 1

Can't find what you're looking for? View all Surveyors or Search Again

Search: Details

Name: BRAD STEVEN BLICKENDERFER

WV Professional Engineer: PE License Number [REDACTED]

PE License Status: Active

PE Issue Date: 10/29/2012

PE Expiration Date: 12/31/2020

Continuing Education Claim: Qualifying Hours from Last Renewal or Reinstatement: 30

Carryover Hours for Next Renewal: 0

Last Renewal or Reinstatement Date*: 04/02/2020

WV Engineer Intern: EI Certification Number:

EI Issue Date:

Primary Address of Record: [REDACTED]

Primary Employer of Record: CDI-INFRASTRUCTURE, LLC DBA L. R. KIMBALL
615 WEST HIGHLAND AVENUE
EDENSBURG, PA 15931

* This date reflects the most recent license renewal (or reinstatement) date for this licensee. Continuing education hours earned prior to this date may not be used for future renewals.

This data was retrieved on 4/2/2020.

Licensure Verification

Search: Details

Name: BURTON R. HOLT

WV Professional Engineer: PE License Number [REDACTED]

PE License Status: Active

PE Issue Date: 06/12/2006

PE Expiration Date: 12/31/2020

Continuing Education Claim: Qualifying Hours from Last Renewal or Reinstatement: 30.00

Carryover Hours for Next Renewal: 0.00

Last Renewal or Reinstatement Date*: 1/31/2019

WV Engineer Intern: EI Certification Number:

EI Issue Date:

Primary Address of Record: [REDACTED]

Primary Employer of Record: ACKENHEIL ENGINEERS, INC.
1000 BANKSVILLE ROAD
PITTSBURGH, PA 15216

* This date reflects the most recent license renewal (or reinstatement) date for this licensee. Continuing education hours earned prior to this date may not be used for future renewals.

This data was retrieved on 4/29/2020.

CERTIFICATE OF *Authorization*

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

*The West Virginia State Board of Registration for Professional Engineers
having verified the person in responsible charge is registered in
West Virginia as a professional engineer for the noted firm, hereby certifies*

**CDI-INFRASTRUCTURE, LLC DBA L. R. KIMBALL
C03828-00**

Engineer in Responsible Charge: RICHARD E. GENDAY - WV [REDACTED]

*has complied with section §30-13-17 of the West Virginia Code governing
the issuance of a Certificate of Authorization. The Board hereby notifies you of its
certification with issuance of this Certification of Authorization for the period of:*

January 1, 2020 - December 31, 2021

providing for the practice of engineering services in the State of West Virginia.

IF YOU ARE REQUIRED TO REGISTER WITH THE SECRETARY OF STATE'S OFFICE,
PLEASE SUBMIT THIS CERTIFICATE WITH YOUR APPLICATION.



IN TESTIMONY WHEREOF, THE WEST VIRGINIA STATE BOARD OF
REGISTRATION FOR PROFESSIONAL ENGINEERS HAS ISSUED THIS COA
UNDER ITS SEAL, AND SIGNED BY THE PRESIDENT OF SAID BOARD.

A handwritten signature in black ink, appearing to read "Bryan S. Caldwell", written over a horizontal line.

BOARD PRESIDENT



SECTION II - APPROACH & METHODOLOGY



Chester County Government Services Center, West Chester, PA

Project Approach

We believe that face-to-face discussions and reviews are an effective method of resolving issues related to the interface of a proposed design solution with applicable standards that can, in some instances, be open to interpretation. This approach is also a benefit to a client's understanding of the rationale that drives the design.

In addition to experience and capabilities, successful projects depend on solid project management. L.R. Kimball has adopted the Project Management Institute's (PMI's) methodology as our own. L.R. Kimball project managers are trained in the PMI processes and knowledge areas and many of our project managers are certified Project Management Professionals (PMPs). Project success is our goal from initiation to closeout.

Our comprehensive project management approach addresses the key project components of scope, time, cost, quality, communications, and risk. The Project Manager integrates these components as well as all of the project stakeholders and provides the Client with a single point of contact for all team resources. The Client and Project Manager work closely to solidify the project requirements. Our team is committed to working with the Client to address any issue impacting the project.

Our team first seeks to clearly understand and define the mission and priorities of the client relative to the project. We take the time to understand the environment, the culture, the constraints, the operational implications, and the client's historical information that have bearing on the project.

From start to finish, our process assures that these items are integrated into the project requirements. Our understanding of

your specific needs and objectives enables us to deliver on your unique objectives while providing an effective, cost-saving, and value-creating solution.

Planning plays a major role in the project's success. The Plan, Do, Check, Act cycle is formed by the planning, execution, monitoring, and controlling processes. Project success is assured when the PMI process is combined with our depth of experience. The following provides a brief overview of our project management approach to the key project components of scope, time, cost, quality, and communications.

Scope Management

The project scope is based on the understanding of the needs of the stakeholders that we include from the start of every project. We manage scope by thoroughly delineating what is and what is not included in the project. The Work Breakdown Structure (WBS) is our fundamental planning tool that defines scheduled activities and deliverables. All aspects of the project are thought through. The WBS provides a way to monitor and control the project including scope changes.

Change requests can be the single biggest threat to completing a project successfully on time and on budget. Therefore, all requested changes must be evaluated to determine their impact on the project's scope, budget, and schedule. Requested changes are sometimes straightforward, such as adding a new task, but, more commonly, the change is less obvious, such as completing one task before starting another. L.R. Kimball analyzes the impact of

each requested change, communicates the impact, and makes our recommendation to the client. If the requested change is approved through the change management process, L.R. Kimball updates the Project Plan and coordinates required contractual updates.

Time Management

Having identified project scope, our team is able to anticipate the time line and activity durations. The project schedule is developed with project milestone requirements and other time-sensitive constraints. The project schedule provides L.R. Kimball and the client with a road map to track and coordinate the activities associated with the overall project. In addition, the project schedule will include major client-related tasks and activities that need to be completed to achieve the project milestones. In short, the project schedule enables progress reporting and supports monitoring activity to completion.

Throughout our projects, progress is monitored and reported through regular project team meetings. Actual progress is measured against the baseline schedule, resource needs are discussed, and roadblocks are resolved. Significant variances from the Project Plan are assessed and acted upon to keep the project in alignment with the Project Plan. If necessary, changes and options are discussed with the client.

Quality Management

L.R. Kimball maintains an in-house team of architects, engineers, and project managers who are experienced with government facility design and are responsible for rigorous quality assurance and quality control (QA/QC) of construction documents. These reviewers are typically not assigned to the project that they are reviewing, but they are familiar with the building type, thereby facilitating reviews through a "fresh set of eyes".

Our QA/QC team follows an established policy for drawing review and coordination. These reviews are in addition to the continual reviews undertaken by the Project Manager, Project Architect, and Senior Technical Leaders within each discipline. These formalized QA/QC reviews take place at the 30%, 60%, and 90% stages of the production of construction documents. Our Project Manager works closely with the QA/QC team during this review process for each project.

L.R. Kimball's QA/QC reviews also include coordination of the architectural drawings with the documents produced by the mechanical, electrical, plumbing, and structural disciplines. In this regard, we are currently utilizing an interdisciplinary coordination process and construction document review system specifically designed to address points of interface, enabling both production personnel and our QA/QC team to locate discrepancies between disciplines.

Project Management Software

L.R. Kimball utilizes industry-leading software to assist in our project management approach and methodology. We have a comprehensive understanding of the project's needs and objectives by clarifying this information in both graphic and database forms.

We are able to coordinate the project-specific requirements with staff resources on a global enterprise system. The L.R. Kimball team meets weekly with resource staff to review project milestones, deliverables, and to coordinate with project managers the delivery of a successful project at every level of the project's duration.

The following information is a high-level overview of the software that we utilize and the benefits of these tools in our planning, execution, monitoring, and control over the life of a project.

Microsoft Project Scheduling Software:

We will establish a work breakdown structure for the project, assigning specific tasks and due dates to designated project team members to develop a baseline for the project schedule. This allows us to anticipate potential schedule slippage and develop schedule recovery options to ensure the project is kept on track.

Newforma Virtual Project Office Software:

Our team will utilize Newforma software to provide the entire project team, including the Owner, with the following benefits:

- Repository and access to all project documents (meeting minutes, design documents, submittal schedules, RFI logs, etc.).
- Ability to review, redline, and comment on design documents without the need for AutoCAD software.
- Ability to track project issues by responsible party and due date.
- Ability to track all construction phase activities, submittals, RFIs, change order logs, and more.

Project Resource Management Software:

Our project manager will update manpower requirements and review work assignments on a weekly basis to ensure the project is appropriately staffed. This software provides each staff member with their assignments for a two-week, look-ahead period. This benefits our Client by letting them know in advance when critical design decisions need to be made.

Cost Control

L.R. Kimball's procedures for cost control ensure that sufficient opportunity is provided to accommodate changes in scope prior to the final Design/Construction Documents Phase to avoid

cost overruns. Construction cost estimates will be provided by L.R. Kimball personnel throughout the project. By continually addressing the cost implications throughout the early phases of design, the team is able to identify cost issues before unrealistic expectations are created. These estimates will be developed on a square foot basis initially and will be prepared at increasing levels of detail as the project documentation is developed. In addition, we will utilize an independent professional cost estimating firm to develop its own estimate. Any significant variances will be discussed and reconciled.

The key to successful estimating is the early identification of all components that carry a project cost, the establishment of an adequate project contingency, and confirmation of the workload in the marketplace with the local construction industry. Life cycle costs must also be taken into consideration in the selection of final finishes, equipment, and energy conservation measures as well.

In order to maintain the project budget, it is critical to evaluate the budget at each phase of the project. In the budget development process, we will work closely with your representatives and/or any of your other consulting professionals to understand the cost ramifications of various design decisions.

Additionally, we understand the need to select systems that are economical from the day they are purchased throughout the life of the facility. Every major system is evaluated in terms of initial purchase, availability, operating/life cycle costs, and maintenance and replacement costs. Availability of long lead items is also taken into consideration, especially as it relates to project schedule and construction phasing.

Design Phases

Programming Verification

Programming includes both functional and architectural components. Functional programming is derived from County staff with input of the consultant based on experience and conditions observed in other similar projects. The architectural program will serve as a written guide to the design of the physical plant. It should identify the items:

- Statement of Goals and Objectives
- Standards to be Used
- Physical Space Requirements
- Adjacencies
- Staffing
- Equipment Needs

Schematic Design Phase

This phase reflects a conceptual level of design that takes into account basic spatial organization and affinities, exterior form, and massing of the building. Site concepts describe circulation and access as well as organization of the building relative to natural or other forms. System concepts take into account the general approaches to construction and structural, mechanical, electrical, and security systems.

In the schematic design phase, the architect's emphasis is on the organization and qualities of the architectural solution, not its details. The design concept establishes the parameters within which more detailed decisions can be made in subsequent phases.

Existing and proposed circulation as well as utilities are important considerations in developing site concepts. The location or placement of the building on the site must be carefully considered and justified from economic as well as functional standpoints.

As the architectural response to the program begins to develop, so do the engineers' concepts of structural and environmental systems. As with other aspects of the schematic design phase, general types of systems must be determined early in the process; however, detail is developed in the phases that follow. The nature of structural and environmental systems has a significant impact not only on the design but also on issues of time and cost. When the schematic design phase is completed, building systems are selected and described. The architect should also identify:

- Structural System
- Floor and Roof System
- Exterior Wall System
- Interior Walls and Partitions
- Horizontal and Vertical Circulation
- Plumbing Fixture Locations
- HVAC Systems
- Electrical Systems
- Security Systems
- General Interior Finishes

It is important that part of the process is to continually test decisions against programmatic goals and objectives.



Design Development Phase

In the Design Development Phase, the emphasis moves from contextual to more detailed concerns. It should be emphasized that while a great number of decisions are made in the Design Development Phase, they should be within the context of conceptual decisions made in the Schematic Design Phase.

The Design Development Phase is best characterized by the work product at the completion of the phase. It must be developed to the point that the construction drawings and specifications can be started. In many firms, Design Development plans become the base sheets for working drawings.

Accordingly:

- Site drawings are developed to show building location and access, circulation, site grading, and planting.
- The architectural solution is developed to the point where all spaces are delineated and dimensioned.
- Sections and elevations are developed to identify materials and clearances for building structural, mechanical, and electrical systems.
- A complete outline specification is developed.

- The probable construction cost is updated to assure consistency with budgetary goals.
- Tentative bid packaging must be confirmed with the owner and construction manager (if applicable).
- Phasing plan may be modified.

Before commencing the Construction Documents Phase, documents must be checked against regulations of all agencies having jurisdiction over the project. Where possible, this should also be done at the end of each phase prior to starting the subsequent phase.

Design Development Phase Deliverables

- Drawings and outline specifications and other documents to fix and describe the size and character of the project for all related disciplines.
- A detailed Statement of Probable Construction Cost.
- A project schedule indicating milestone completion dates.
- Reconciliation of differences between the construction budget and the detailed Statement of Probable Construction Cost.

- Provide paper copies of the Design Development documents and an electronic PDF of all Design Development documentation.

Construction Documents Phase

During this phase, the Architect prepares final drawings and a project manual that includes complete specifications. All drawings and documents are checked for coordination with associated disciplines and consistency with programmatic goals and objectives. Each consultant will develop an updated Statement of Probable Construction Cost.

In more simple terms, this phase of the project includes the following basic activities:

- Completion of the Contract Documents
- Preparation for Bidding of the Construction Contracts
- Preparation for Construction

Coordination and integration of the three activities in the Construction Documents Phase is essential.

The purpose of phased developments of architectural projects is to establish an ordered sequence of decision making prior to the start of the final construction documents. If the process proceeds in the proper sequence, the Construction Documents Phase should be largely dedicated to production.

The bidding and construction sequencing or phasing of work and scheduling must be finalized within this phase. Impacts of scheduling become more acute and must be thoroughly discussed relative to their implications with regard to cost and market conditions.

Throughout all phases of the design process, L.R. Kimball considers value engineering a technique that focuses on eliminating items that create added cost to a building program without added value. Each expenditure that relates to the function of the facility is evaluated as to its life cycle cost.

Construction Documents Phase Deliverables

- Adjust the design, systems, and/or materials as necessary to conform with required agency review comments and the schematic cost estimate.
- Provide paper copies of the 95% construction documents and an electronic PDF of all Construction Documents documentation.
- Incorporate any additional review comments by the Client into the final bid documents.

Value Engineering

Having worked with this project type for many years, we have had the opportunity to be involved in the value engineering process on virtually all of those projects. Many projects involved construction managers whose primary role in design was cost estimating and value engineering. In working with construction managers and projects without, we have had a varied and vast exposure to alternatives in systems, finishes, and materials and their impact on first and long-term costs.

Alternatives are available to the Client. The key to choosing the appropriate alternative is identifying and prioritizing the factors of the decision. Typically, there are three drivers in any project. They are cost, quality, and time.

- Cost is the total cost of materials, finishes, systems, equipment, labor, and the contractors' overhead and profit.
- Quality is the measure of a material, finish, system, or equipment's attributes and life value.
- Time is the period that is required to bring the project to completion and occupancy.

It is important to understand that any one of these factors can be the basis for a decision, but not all three. Frequently, value engineering is used to simply cut cost. Used as intended, this approach has the ability to bring considerable benefit to projects. Value engineering in the early stages of design is often delivered in a workshop involving the owner, architect, engineer, and cost estimator. The value engineering plan involves:

- **Information:** All information about the project is assembled and reviewed.
- **Function:** The intended functions of the proposed facility are analyzed with associated costs. Value criteria are defined.
- **Creative Phase:** Ideas for alternatives that would improve value or save cost are identified in a brainstorming session.
- **Evaluation:** The ideas are evaluated against value criteria identified earlier. Those ideas that have merit are carried forward.
- **Development:** The ideas deemed to have merit are then further developed and estimates for both first capital cost and long-term life cycle costs are prepared.

At the conclusion of this process, a report is prepared and decisions are made about implementation. In some cases, value engineering can happen later in the process when a contractor is on board. Contractors often propose more economical approaches to achieving the specified performance. These must be carefully evaluated and, if the suggested alternative meets or exceeds specified criteria, cost savings are typically shared. Since cost

savings in one area may increase costs in another, factors other than the specified performance must also be carefully considered.

Bidding and Award Phase

The Architect's role in the Bidding Phase is to advise the Owner on the best course of action and to recommend methods of sequencing and packaging of bids for the project. The Architect will be involved in a pre-bid conference to assure the understanding of the project and scope of individual bid packages by prospective bidders. Certain clarification or changes may be required as a result of questions posed by prospective bidders, necessitating the issue of addenda.

Bidding and Award Phase Deliverables

- Assist the Client in the preparation of documents necessary for bidding.
- Provide approved drawings and specifications as required for government approvals, filings, or as requested by the Client.

- Review and prepare bulletins and change orders.
- Monitor project costs.
- Prepare construction punchlist.
- Compile all closeout documentation for the Client.

Building Information Modeling (BIM) / Virtual Reality

Building Information Modeling (BIM) is an intelligent 3-Dimensional, digital representation of the physical, functional, and spatial characteristics of a facility. 3D digital representations of a facility can be utilized by the project team during the entire lifecycle of a project. This software is used by our architects and engineers to communicate with owners and contractors during the design, construction, and operation of facilities.

The BIM database can encompass geographic information and special relationships, as well as specific component information that can be utilized for design analysis, engineering calculations, and quantitative properties for estimating. These capabilities can be tracked throughout the life cycle of a project, allowing for evaluation and assessment of decision made during the design of a project.

By incorporating Virtual Reality (VR) practices, the team can visually interpret the BIM model in real time, allowing for a more in-depth understanding of a project's design features and to make more informed decisions. When carried beyond the design phase, the BIM dataset can be utilized for fabrication of components, and for construction logistics / sequencing. After construction, the BIM dataset is also effective for maintenance and operation of facilities.

Construction Administration Phase

Careful administration of the construction contracts is invaluable to a quality product delivered on time. Effective communication among the owner, contractor, construction manager (if applicable), and Architect is imperative. To that end, communication procedures must be formalized for job conferences, correspondence, schedules, notices, requisitions, etc. and must be channeled along specific routes.

During the Construction Phase, the Architect visits the site at intervals appropriate to the stage of construction. The Architect reviews the contractor's proposals for changes and prepares change orders for the owner's approval. The Architect is the agent of the owner and, as such, transmits directives and instructions to the contractor.

Shop drawings and material submissions are reviewed. The Architect assists in obtaining a certificate of occupancy when the contractor issues written notice that all work has been completed. The Architect develops a punchlist of non-conforming work that must be completed or corrected.

Construction Administration Phase Deliverables

- Conduct construction progress meetings and provide minutes.
- Conduct site visits at appropriate intervals to evaluate construction as to conformance with the intent of the construction documents.
- Advise on tests and/or inspections.



We utilize Revit as our primary design / engineering application when developing BIM datasets for projects. As hardware and software developments around the BIM process have advanced over the last several years, L.R. Kimball has developed an integrated approach that incorporates VR capabilities into our project workflow.

Capabilities include design visualization to immersive walk-throughs. Output options range from still images and animations to stand alone panoramic or virtual environments.

The BIM / VR combination also allows for an immersive experience with the addition of the latest headsets from Oculus and HTC. These visualization options help the entire team, including our clients understand and experience the project before construction begins..

Communication Management

Communication and coordination among all parties is critical to assure successful execution of the Project Plan. During the project "kick-off" meeting with our team and client staff, we review the Project Plan, procedures for change control, project specifications, and production methodology to eliminate any misunderstandings and align with expectations. A vital part of this meeting is the discussion of project communications--specifically, what needs to be communicated, by whom, to whom, how often, and by what method. The result of this discussion is a communication plan that will frame the communication requirements for the project. At the center of all successful projects is clear, concise communication.

Additional Information

CDI-Infrastructure LLC dba L.R. Kimball representatives have reviewed the CEOI thoroughly. Upon selection, L.R. Kimball requests the opportunity to negotiate mutually beneficial terms and conditions.





SECTION III - FORMS



Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

State of West Virginia
 Centralized Expression of Interest
 02 - Architect/Engr

Proc Folder: 713623

Doc Description: EOI- Buckhannon Phase II Addition

Proc Type: Central Purchase Order

Date Issued	Solicitation Closes	Solicitation No	Version
2020-04-13	2020-04-30 13:30:00	CEOI 0603 ADJ2000000009	1

BID RECEIVING LOCATION

BID CLERK
 DEPARTMENT OF ADMINISTRATION
 PURCHASING DIVISION
 2019 WASHINGTON ST E
 CHARLESTON WV 25305
 US

VENDOR

Vendor Name, Address and Telephone Number:

CDI-Infrastructure, LLC dba L.R. Kimball
 500 Corporate Landing, Suite 200
 Charleston, WV 25311
 814-419-7873

FOR INFORMATION CONTACT THE BUYER

Tara Lyle
 (304) 558-2544
 tara.l.lyle@wv.gov

Signature X

FEIN # 27-2620523

DATE May 4, 2020

All offers subject to all terms and conditions contained in this solicitation

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

(Name, Title)
Megan Polinsky, Contract Administrator

(Printed Name and Title)
615 West Highland Avenue, Ebensburg, PA 156931

(Address)
814-419-7861 / 814-472-6110

(Phone Number) / (Fax Number)
megan.polinsky@lrkimball.com

(email address)

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

CDI-Infrastructure, LLC dba L.R. Kimball
(Company)



(Authorized Signature) (Representative Name, Title)

Richard E. Genday, PE, Vice President

(Printed Name and Title of Authorized Representative)

May 4, 2020

(Date)

814-419-7873 / 814-472-6110

(Phone Number) (Fax Number)

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

CONSTRUCTION CONTRACTS: Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

ALL CONTRACTS: Under W. Va. Code §5A-3-10a, 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: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. 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.

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.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"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 exceeds five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: CDI-Infrastructure, LLC dba L.R. Kimball

Authorized Signature: *Dennis E. Gandy* Date: May 4, 2020

State of Pennsylvania

County of Cambria, to-wit:

Taken, subscribed, and sworn to before me this 4 day of May, 2020

My Commission expires August 18, 2023

AFFIX SEAL HERE

Commonwealth of Pennsylvania - Notary Seal
Carol A. Merryweather, Notary Public
Cambria County
My commission expires August 18, 2023
Commission number 1292620
Member, Pennsylvania Association of Notaries

NOTARY PUBLIC *Carol A. Merryweather*
Purchasing Affidavit (Revised 01/19/2018)



Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

State of West Virginia
 Centralized Expression of Interest
 02 - Architect/Engr

Proc Folder: 713623

Doc Description: Addendum No. 1 - EOI - Buckhannon Phase II Addition

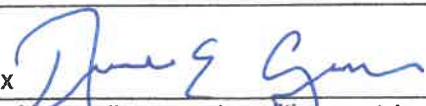
Proc Type: Central Purchase Order

Date Issued	Solicitation Closes	Solicitation No	Version
2020-04-22	2020-05-05 13:30:00	CEOI 0603 ADJ2000000009	2

BID RECEIVING LOCATION
 BID CLERK
 DEPARTMENT OF ADMINISTRATION
 PURCHASING DIVISION
 2019 WASHINGTON ST E
 CHARLESTON WV 25305
 US

VENDOR
 Vendor Name, Address and Telephone Number:
 CDI-Infrastructure, LLC dba L.R. Kimball
 500 Corporate Landing, Suite 200
 Charleston, WV 25311
 814-419-7873

FOR INFORMATION CONTACT THE BUYER
 Tara Lyle
 (304) 558-2544
 tara.l.yle@wv.gov

Signature X  FEIN # 27-2620523 DATE May 4, 2020

All offers subject to all terms and conditions contained in this solicitation

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CEOI ADJ2000000009

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

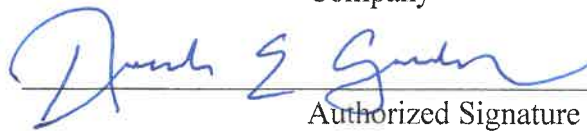
(Check the box next to each addendum received)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

CDI-Infrastructure, LLC dba L.R. Kimball

Company



Authorized Signature

May 4, 2020

Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.



®

L.R. Kimball

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