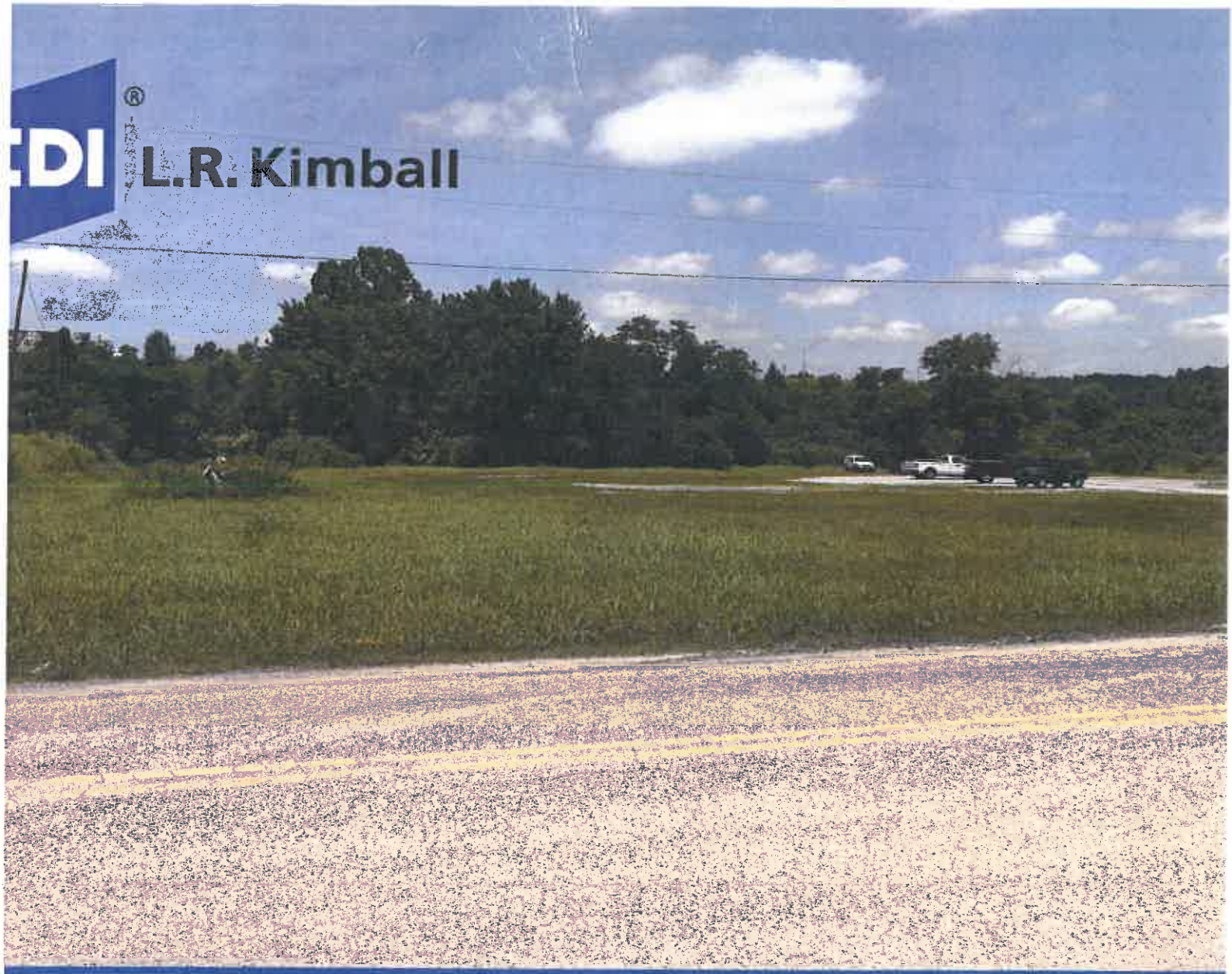

CDI® L.R. Kimball

STATEMENT OF QUALIFICATIONS FOR:

WEST VIRGINIA DIVISION OF HIGHWAYS DISTRICT 3, NEW I-77 MEDINA SUBSTATION

CEOI 0803 DOT1800000001

DUE: July 3, 2018

SUBMITTED BY: CDI-Infrastructure, LLC dba L.R. Kimball

Contacts:

GARY LAPERA, FAIA
Principal-in-Charge
615 West Highland Avenue
Ebensburg, PA 15931
Phone: 215.282.8815
Cell: 609.510.7772
Fax: 814.472.7712
E-mail: gary.lapear@cdicorp.com

WESLEY HEVENER, PE
Project Executive
500 Corporate Landing
Suite 200
Charleston, WV 25311
Phone: 304.746.3565
Fax: 304.746.3601
E-mail: Wesley.Hevener@cdicorp.com

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CDI® L.R. Kimball

July 3, 2018

Mr. Mark Atkins
West Virginia Division of Administration
Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130

RE: Centralized Expression of Interest - District Three, New I-77 Medina Substation

Dear Mr. Atkins,

On behalf of CDI-Infrastucture, LLC dba L.R. Kimball (CDI / L.R. Kimball) and our partner, TRC, we are pleased to submit our qualifications to provide A/E services for the West Virginia Division of Highways.

CDI / L.R. Kimball distinguishes itself in the industry by having all architectural and building engineering services in-house. As a full-service firm, our integrated design team has the extensive experience and leadership required and we are accustomed to working collectively on similar projects. We offer the following for your consideration:

- Our team regularly and successfully works with a variety of government agencies such as yours, on multiple building types in support of Transportation 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 Transportation building projects such as 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 highway departments and we deliver projects that support the mission of your team . The team has extensive resources across all disciplines with a record for successful projects in West Virginia for more than four decades. Our sub-consultant TRC shares a similar record of excellence and client service in the WV market.
- We understand the challenges of maintaining your physical assets, preserving the efficiency of the WV highway system and the required supporting facilities. The CDI / L.R. Kimball team will be both partners and stewards in the process of expanding your network in the 21st Century.

We invite your thorough review of our qualifications and look forward to future conversations.

With Kind Regards,

Gary J. Lapera, FAIA
Vice President
CDI-Infrastucture, LLC dba L.R. Kimball

Wesley Hevener, PE
Project Executive / Transportation Practice Leader & PM
CDI-Infrastucture, LLC dba L.R. Kimball

GJL/crt

TEAM OFFICES

CHARLESTON
500 CORPORATE LANDING,
SUITE 200,
CHARLESTON, WV 25311
T 304.746.3500

PITTSBURGH
FRICK BUILDING - SUITE 812
437 GRANT STREET
PITTSBURGH, PA 15219
T 412.201.4900

EBENSBURG
615 W. HIGHLAND AVENUE
EBENSBURG, PA 15931
T 814.472.7700

CONTACTS:
WESLEY HEVENER, PE
T 304.746.3565
E wesley.hevener@cdicorp.com

GARY J. LAPERA, FAIA
T 609.510.7772
E gary.lapera@cdicorp.com

Extraordinary outcomes are the result of exceptional people.

Delivering extraordinary outcomes to our clients for over 65 years.

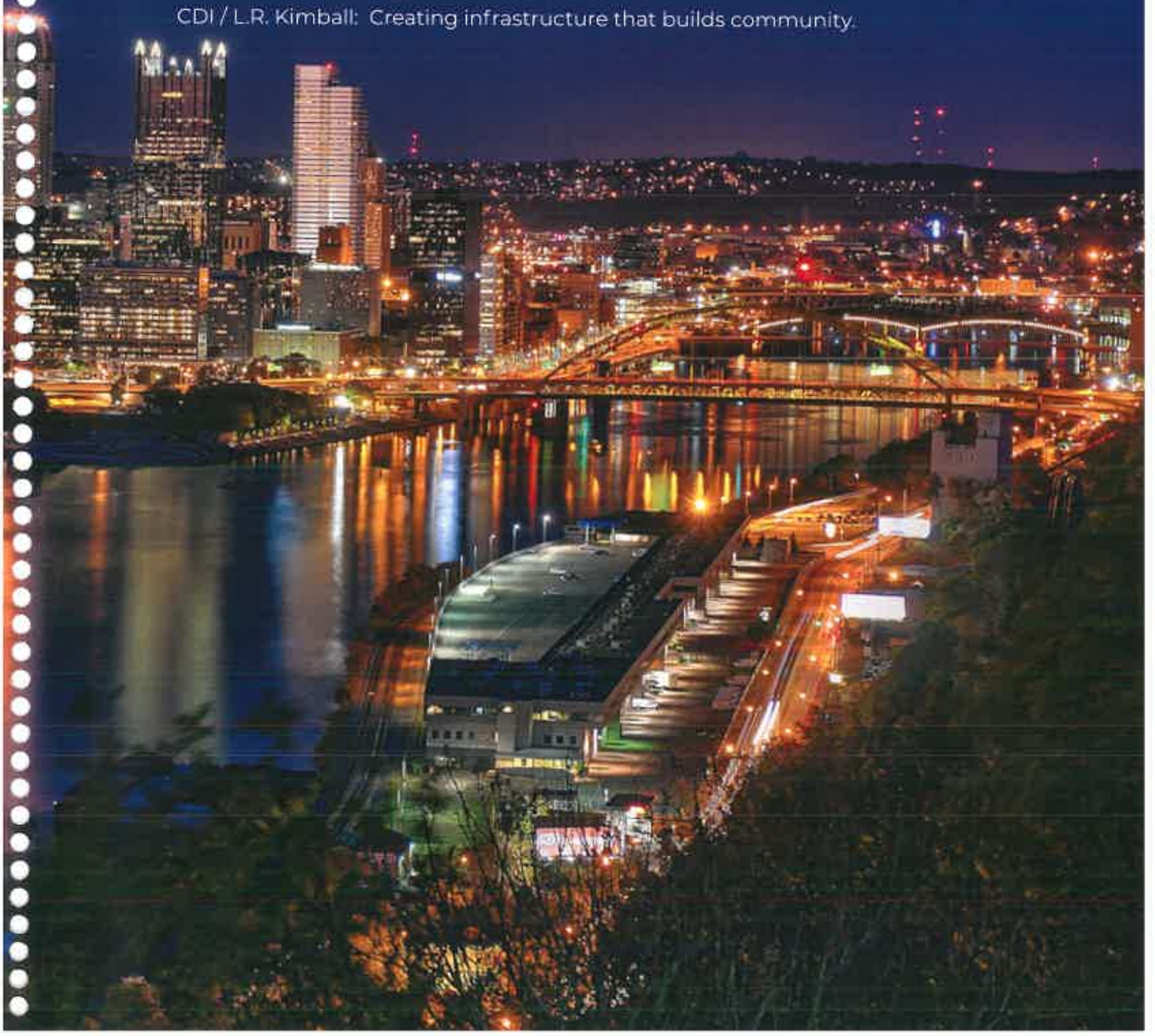
Founded more than a half-century ago, CDI / L.R. Kimball is recognized as one the nation's leading architecture and engineering firms offering multi-disciplinary service to a diverse range of public and private-sector clients.

CDI / L.R. Kimball is headquartered in Pennsylvania with additional offices in West Virginia, Texas, New Jersey, and Louisiana.

Infrastructure touches every aspect of our lives - the schools where our children learn; the offices and factories where we work; the bridges, highways, and airports that connect our communities; the water treatment plants and stormwater facilities that keep our families safe - all are critical elements that enhance our quality of life.

At CDI / L.R. Kimball, we guide you from concept design through project completion. But through it all, one thing is consistent: our commitment to quality and safety.

CDI / L.R. Kimball: Creating infrastructure that builds community.



Integrated design delivers innovative solutions.

Successful projects flow seamlessly from phase to phase and require an integrated, full-service approach.

CDI / L.R. Kimball's holistic approach provides our clients with a better return on their capital investment. Because we work collaboratively – not in silos – our team sees the big picture and understands the interconnectivity of every decision. This results in a faster design cycle, thoroughly coordinated technical documents and reduced risk of cost or schedule overruns.

Most importantly, we collaborate with our clients – making them an integral part of our teams. The success of our projects rests firmly on our ability to listen to you, understand your needs and align our services with your goals every step of the way.

This multi-disciplinary approach is how CDI / L.R. Kimball delivers extraordinary results for our clients.

Architecture & Engineering

Architecture

- Master Planning
- Urban Design
- Building Design
- Interior Design
- Sustainable Design
- Facility Assessments

Facilities Engineering

- Mechanical
- Electrical
- Structural
- Fire Protection

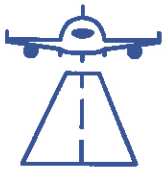
Civil Engineering

- Stormwater Facilities
- Wastewater Engineering
- Brownfield Development
- Dams and Waterways
- Erosion Control
- Solid Waste Consulting
- Demolition Consulting
- Land Development
- Railroad Sidings
- Water Resources

Highways, Bridges, Environmental & Traffic

- Land Use / Zoning Permit Reviews
- Hazardous Waste Investigations
- Design / Build Bridge Engineering
- Traffic Impact Studies (TIS) and Traffic Impact Assessment (TIA)
- Corridor Access Management Studies
- Wildlife Habitat Evaluations
- Erosion and Sediment Pollution Control / NPDE
- Certified Bridge Safety Inspectors (CBSI)

Airports



- Design
- Management
- Operations
- Business Planning
- Wildlife Hazard Assessment
- Airfield Obstruction Analysis
- Airfield and Landside Design
- Navigational Aid Coordination
- Hangar Building Design

Geosciences

Geotechnical

- Stockpile
- Drilling
- Material Testing

Geosciences

- Survey
- Mapping
- Photogrammetry

One Firm.
Multiple Resources.
Expertly Delivered.

Building relationships one project at a time with expertise you can depend on.

For over 65 years, we have advocated for our clients and built enduring relationships focused on helping each client achieve their goals.

CDI / L.R. Kimball has been successful across a wide variety of businesses including public and private organizations; federal, state and local government agencies; as well as private industry organizations in the following sectors:

- Highways, Bridges, Environmental & Traffic
- Commercial / Industrial
- Education
- Sports & Recreation
- Corrections / Justice
- Government
- Civil Engineering
- Geosciences
- Water Resources

We work collaboratively with clients and embrace a "one team" attitude that helps us anticipate and resolve project opportunities and challenges. And we pride ourselves on delivering those solutions on time and on budget.

Our client-focused project approach has helped us build our reputation as a thought leader in architecture and engineering.

Every project is grounded by a core team that guides our clients through each project phase. As with any endeavor, seasoned leadership is crucial to success. At CDI / L.R. Kimball, our Market Segment Leaders and Project Managers are the linchpins to our success.

Our senior leadership is our client's greatest advocate as well as dedicated stewards of their resources. This highly regarded group of professionals is the reason that many of our clients have been with us for decades.

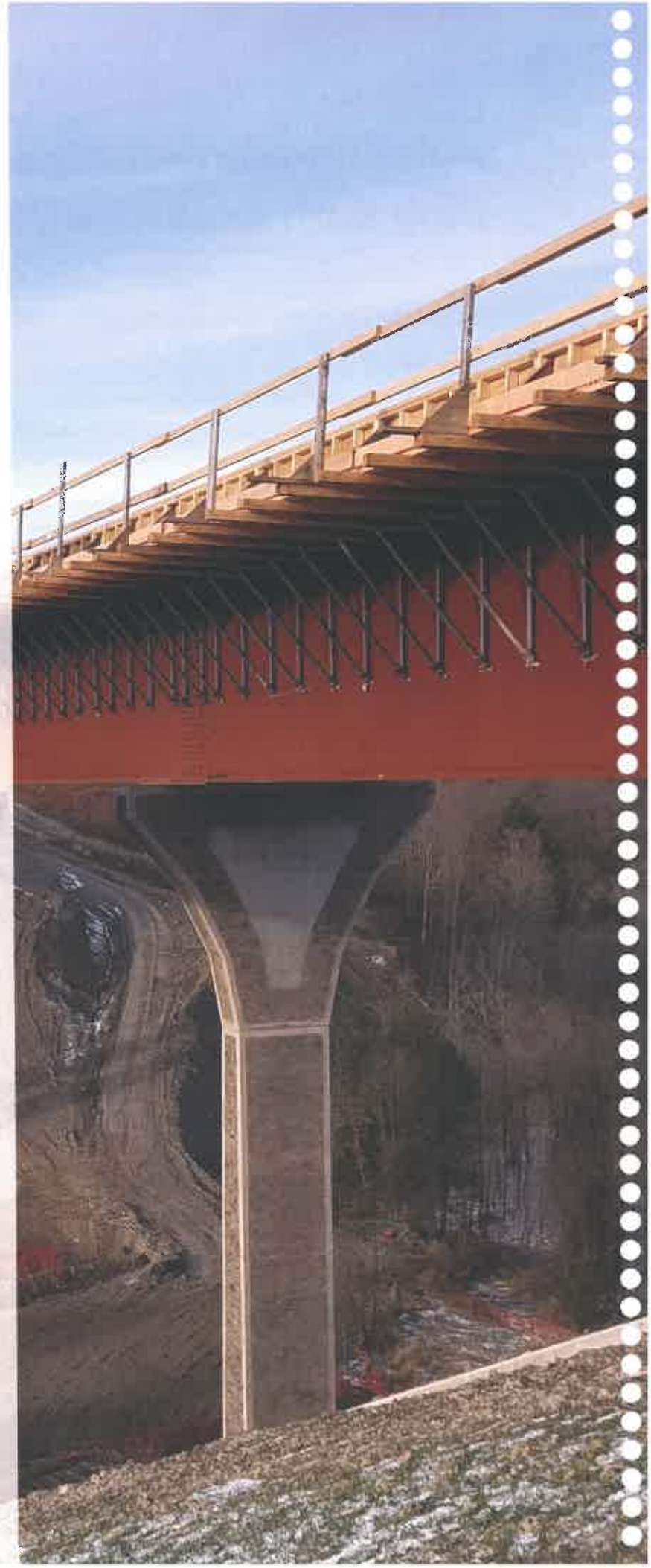
Highways, Bridges, Environmental & Traffic

Connecting Communities

Transportation infrastructure is the backbone of a modern, competitive and productive community. At CDI / L.R. Kimball, we view transportation infrastructure as a means to improve the communities in which we live and work.

We offer a full range of transportation services, from highway occupancy permitting and bridge design to traffic impact studies and unconventional interchange design. As an integrated firm with full-service turn-key capabilities, our transportation services are backed by essential specialties, including geotechnical and environmental engineering expertise.

Backed by more than 50 years of transportation design experience, we deliver the results our clients look for – on time and on budget.



SR6219 – Meyersdale to Somerset, PA
Pennsylvania Department of Transportation District 9-0
Somerset County, PA

West Virginia Department of Highways
I-470 Approach Bridge Rehabilitation
City of Wheeling, Ohio County, WV

Pennsylvania Turnpike Commission
Mon/Fayette Expressway
Pennsylvania

PennDOT, District 9-0
Pemberton Bridge Rehab
Warriors Mark Township, PA

Johnstown Galleria Interchange
Johnstown, PA

Rapid Bridge Replacement P3 Project
12 Bridge replacements across Districts
11-0, 12-0, 10-0, 2-0, 9-0, 8-0, and 6-0

"The CDI / L.R. Kimball team did an excellent job providing design plans, bid documents, securing permits and overseeing construction. This project was funded in part by PennDOT and the County, and **CDI / L.R. Kimball clearly demonstrated their thorough understanding of the PennDOT process."**

Brett Hollern
Trail Manager
County of Somerset, PA

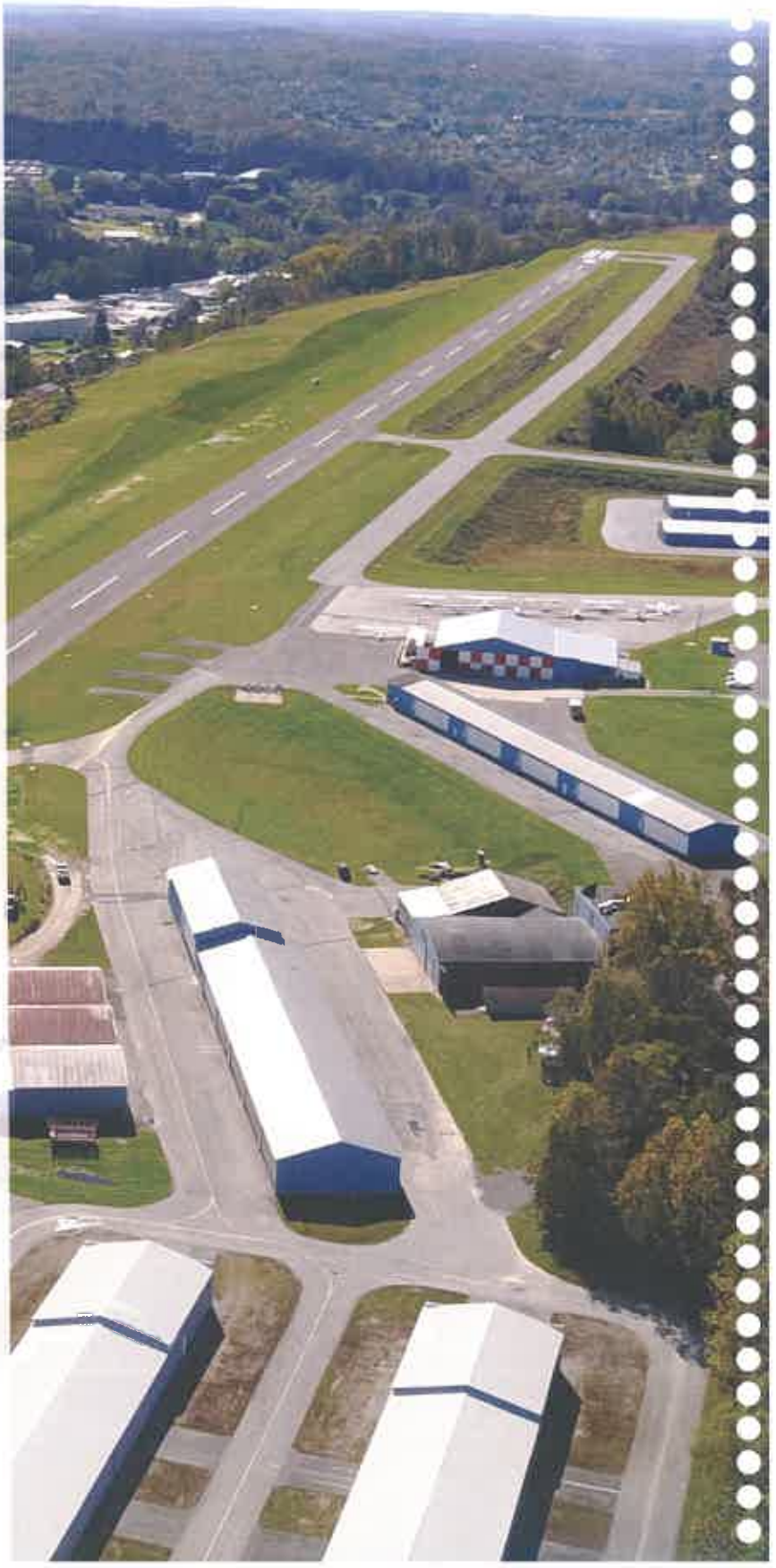
Airports

Engines of Economic Development

Airports are more than transportation hubs, they are often the "front door" for a city or a gateway to an entire region.

CDI / L. R. Kimball's Aviation Group is your single source provider for all things aviation related, from developing business and master plans to FAA Compliance assistance and airport design, engineering, construction and management services - we offer busy airport administrators the resources they need to make their facility as efficient and productive as it can be.

With over 50 years of experience in both airside and landside operations, we can help you maximize your revenue generating opportunities while enhancing your passenger experience.



New Garden Township
Runway 6-24 Reconstruction and Safety Area Improvements
New Garden Flying Field, Toughkenamon, PA

Pittsburgh International Airport - Various Projects
Pittsburgh, PA
Photo Credit - Pittsburgh International Airport

Williamsport Municipal Airport Authority
Runway 9-27 Approach Improvements & Rehabilitation
Williamsport Regional Airport, Montoursville, PA

Bi-County Airport Luzerne & Lackawanna Counties
Taxiway B Extension to Runway 22
Wilkes-Barre/Scranton International Airport, Moosic, PA

Central West Virginia Regional Airport Authority
Taxiway Rehabilitation
Yeager Airport, Charleston, WV

US Airways
Operations Control Center
Pittsburgh, PA

"Providing quality, cost effective engineering services and delivering projects on-time for Williamsport Regional Airport has been the hallmark of CDI / L.R. Kimball's activities. **Sound advice, a realistic approach to future planning, combined with viable and creative solutions** to difficult problems, have made Kimball's truly an essential partner in the success we enjoy today."

Thomas J. Hart
Executive Director
Williamsport Regional Airport, Williamsport, PA

Commercial / Industrial

Proforma Driven Programming

Businesses succeed when they can instantly respond to changing needs of the marketplace. The buildings that house their employees and manufacturing processes impact the bottom line in many ways.

CDI / L. R. Kimball's approach views each project as an opportunity to enhance our client's brand and support their business goals. We believe the success of a building is determined not simply by bricks and mortar but rather how it supports the people that work in them.

Our programming process is analytic, insightful and creative. It looks at your needs and project goals from the inside out and outside in to create solutions that provide value at every price point.

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

City of Williamsport, PA
Trade & Transit Intermodal Center II
Williamsport, PA

Hyatt Hotel at the Pittsburgh International Airport
Dauphin County General authority
Pittsburgh, PA

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

ORX Railway Corporation
Business & Manufacturing Addition
Tipton, PA

Allegheny County Sanitary Authority
New Operations & Maintenance Facility
Pittsburgh, PA

"The design of the building and its functionality are everything I hoped they would be, and I am a very, very, very particular person. **Everything about its design is just perfect. The architecture itself is a work of art.** It is with the very highest rating that I unconditionally recommend them for any such project. Just one warning though, L.R. Kimball gets things done with lightning speed."

Glenn Brandimarte
President ORX Railway Corporation, Tipton, PA

Education

Making Learning Real

As educators, you are immersed in the most transformational period in American education in decades. New technologies and student-centered learning are replacing messy chalkboards and one-size-fits-all classrooms.

CDI / L.R. Kimball understands the opportunities that come with this magnitude of change.

As a result, CDI / L.R. Kimball designs flexible, real-world classrooms, labs and other spaces that motivate and inspire students to develop the competencies they need to succeed.

New Central York High School
York, Pennsylvania

Middlesex County College
New South Hall Science Building
Edison, NJ

Westmoreland County Community College
New Latrobe Education Center
Latrobe, PA

The Pennsylvania State University
New Engineering Research Center
University Park Campus, State College, PA

Richland School District
New Junior/Senior High School
Johnstown, PA

New Central York High School
York, PA

"It has been a pleasure working with the CDI/L.R. Kimball staff. I believe **their expertise and excellent service led to a successful partnership and an outstanding facility** for our students, faculty, and community."

Chris M. DeVivo
Superintendent of Schools
Armstrong School District

Sports & Recreation

Architecture That Puts You in the Game

In today's wellness-focused world, sports facilities and recreational buildings have become increasingly important on college campuses and in hometown communities.

These buildings support more than athletics – they provide gathering spaces that contribute to the vitality of a broader community by providing environments that inspire healthy living choices.

With a portfolio of over 180 sports and recreation projects, CDI / L R Kimball's design expertise can enhance your recruiting capabilities, celebrate your identity and create facilities that offer flexible revenue-generating configurations that provide a memorable experience for athletes and fans alike.

The Pennsylvania State University
Rec Hall Wrestling & Student Fitness Center
University Park Campus, State College, PA

California University of Pennsylvania
New Convocation Center
California, PA

Family Circle Tennis Facility
Charleston, SC

The Pennsylvania State University
Rec Hall Wresting & Student Fitness Center
University Park Campus, State College, PA

The Pennsylvania State University
Medlar Field at Lubrano Park
University Park Campus, State College, PA

Oxford Development Company
Artificial Turf Replacement for the Pittsburgh Steelers / University of Pittsburgh Football Field at UPMC Sports Performance Complex
Pittsburgh, PA

"From the beginning, CDI / L.R. Kimball was a valuable member of the project team and played a key role in the overall success of the project. **Your staff of dedicated and experienced professionals performed admirably on the project and is to be commended for the numerous challenges they were able to successfully resolve for a project of this scope and complexity.**"

Marv Bevan, Jr., PE RA
Project Manager, Design & Construction Division
The Pennsylvania State University

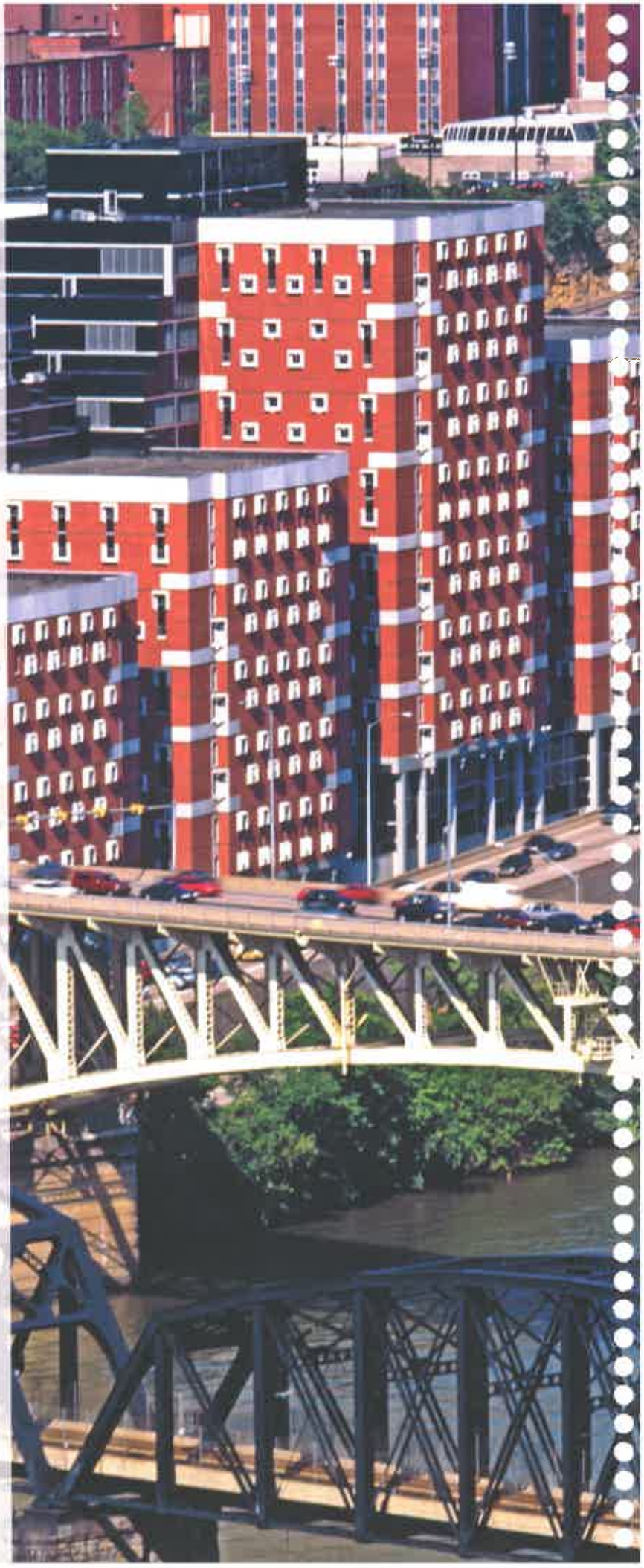
Corrections / Justice

Secure & Sustainable Solutions

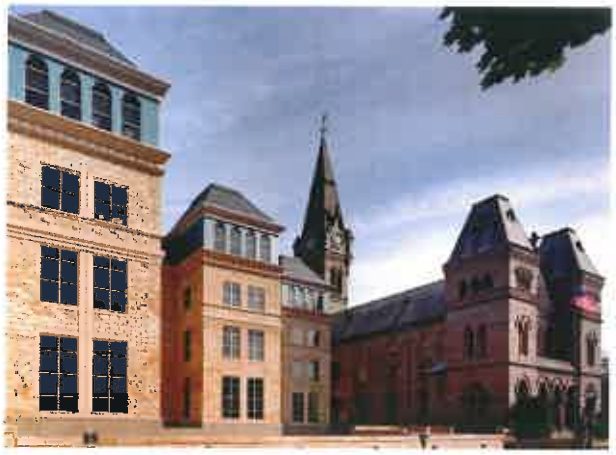
Public Safety, Justice and Correctional Facilities must be designed to reflect the standards and ideals of the communities they serve.

At CDI / L. R. Kimball, we understand how to design detention and correction facilities that are secure while providing an uplifting environment that contributes to the rehabilitation process.

Our work has earned national recognition for Design Excellence from the American Correctional Association and the American Institute of Architects.



New Allegheny County Jail
Pittsburgh, PA



Blair County, PA
Courthouse Renovations/Additions
Hollidaysburg, PA

Howard County, MD
New Detention Center
Jessup, MD

Centre County, PA
New Centre County Correctional Facility
Bellefonte, PA

Chatham County, GA
Detention Center Campus Upgrades
Savannah, GA

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

"CDI / L.R. Kimball is a great A/E firm to have on board - **professional, very responsive to the Owner's needs, and especially conscious of budget.** We've retained them for the second phase of the project - that speaks for itself."

Parveez Yousuf
Senior Construction Project Manager
Chatham County Department of Engineering

Government

Proudly Serving Those Who Serve Us

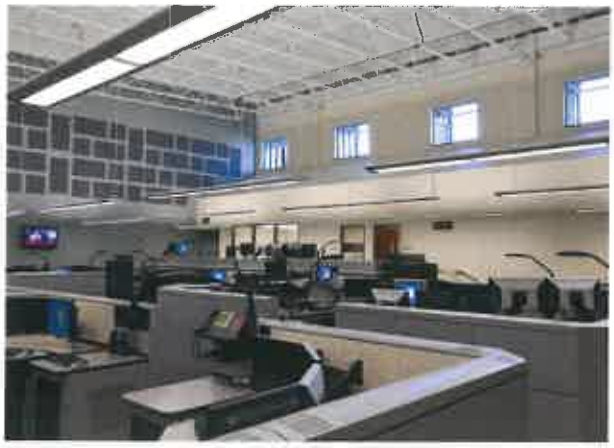
Robert Kennedy once said that even the smallest acts of public service represent a "tiny ripple of hope."

At CDI / L.R. Kimball, we are honored to have provided a range of design, engineering and technical consulting services that have helped government agencies serve their constituents.

Our professionals carry high security clearances, allowing us to design and support projects for multiple federal, state and local agencies under a range of delivery methods including design/build, public/private partnerships and IDIQ contracts.

PA Department of General Services
New Armed Forces Reserve Center & Field Maintenance Shop
Williamsport, PA

Borough of State College
New Municipal Building
State College, PA



York County, PA
Emergency Services / 911 Center
York, PA

Southeast PA Regional Task Force and the
City of Philadelphia, Delaware Valley Intelligence Center
Philadelphia, PA

Clayton G. Graham Public Safety Building
Atlantic City, NJ

United States Coast Guard
New Rescue Swimmer Training Facility (Design/Build)
Elizabeth City, NC

" The PA Department of General Services and the PADMVA have developed trust and confidence in L.R. Kimball. **Working with this team was truly a beneficial partnership.** We would highly recommend them to any agency considering a building project or restoration."

Andrew J DeGregorio,
EIT LTC (RET), EN, PAARNG
Former Director
Bureau of Military Construction & Engineering
Construction & Facilities Management Officer
Office of Facilities and Engineering
PA Department of Military and Veterans' Affairs

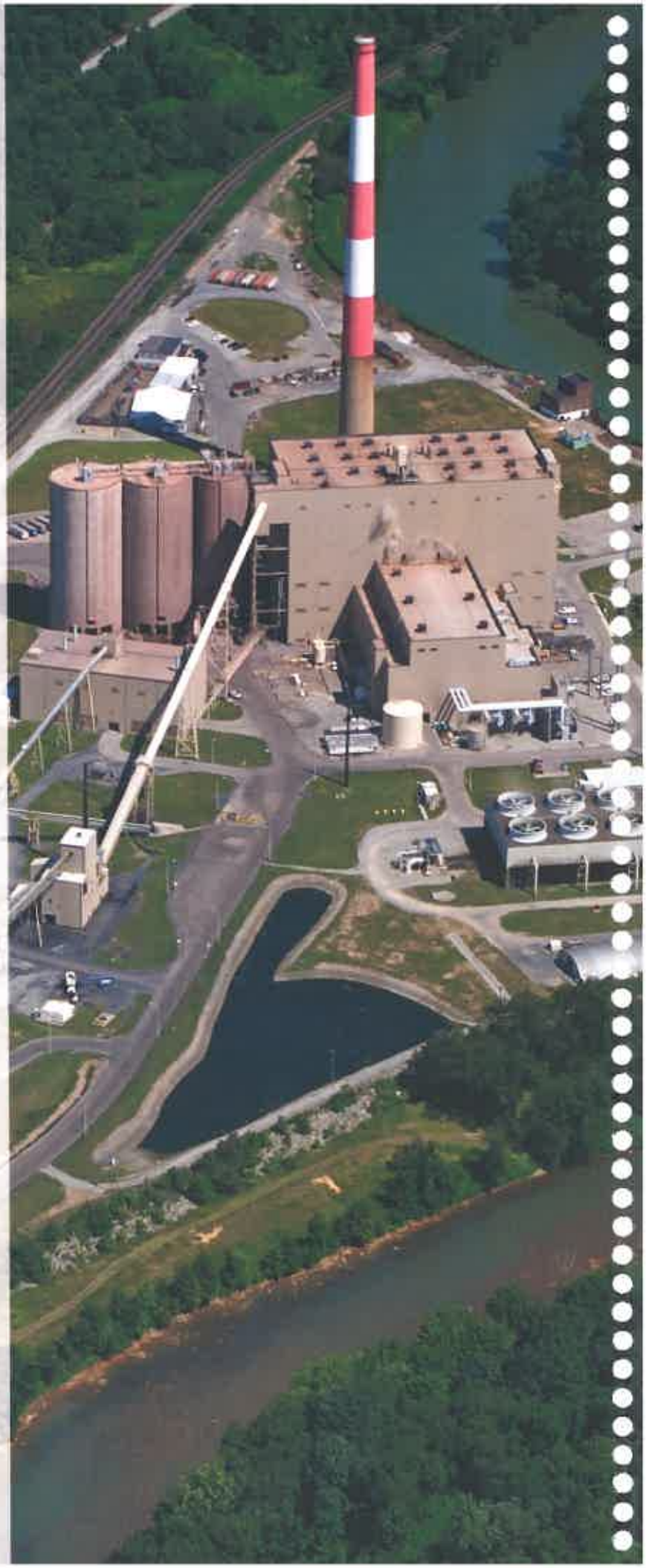
Civil Engineering

Engineered for Efficiency

Infrastructure is key to maintaining safe, efficient, people-friendly cities and towns. It encompasses nearly everything that we depend upon in life to function as a society, a culture and an economy.

At CDI / L.R. Kimball, our integrated approach to providing infrastructure engineering services means that our clients – and the communities they serve – can thrive and grow knowing the vital services they need to live are available.

Our team of engineers, planners, surveyors, GIS analysts, geologists, biologists and project managers are helping to improve communities across the country.



Seward Generating Station
Various Projects
Seward, PA

Ebensburg Municipal Authority
Ebensburg WWTP Upgrade
Cambria County, PA

Shawville Power Plant
Ash Disposal Site
Clearfield, PA

Competitive Power Ventures (CPV)
CPV Fairview Energy Center
Vinco, Jackson Township, Cambria County, PA

Horizon Properties
Southpointe II Development
Washington County, PA

Demolition of Three Rivers Stadium
& Engineering Services for Heinz Field
Pittsburgh, PA

"We have been very happy with their work and would like to express our satisfaction with the services of L.R. Kimball. **We highly recommend them."**

Richard McNulty
Council President, Borough of Franklin

Geosciences

The Right Expertise When You Need It

Geotechnical engineering is vital to the success of any construction project. Early inclusion of specialized engineering professionals in the planning stages of a project is critical in identifying and minimizing potential problems.

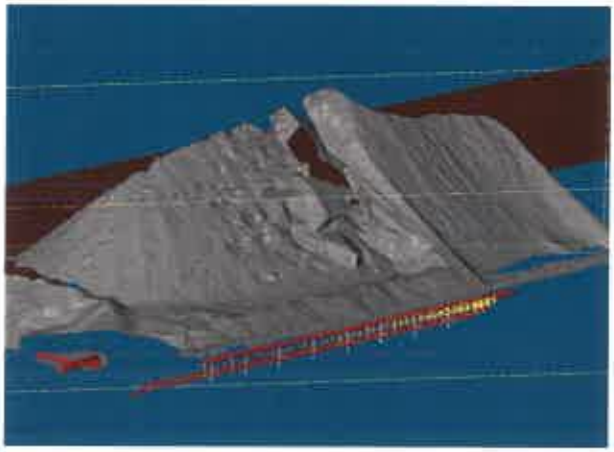
CDI / L.R. Kimball has been providing geotechnical engineering and geoscience services to contractors, developers, insurance companies, power generation utilities, architects, engineers, and local, state, and federal agencies for more than 40 years.

The firm's trained personnel are experienced with highly specialized equipment to provide real-time data interpretation in the field, streamlining survey completion and minimizing overall project costs.

Competitive Power Ventures (CPV)
CPV Fairview Energy Center
Vinco, Jackson Township, Cambria County, PA

HRI, Inc.
Drilling and Laboratory Services for I-99 Project
State College, PA

Brandywine Airport Installation, observation, and processing for two Secondary Airport Control Station (SACS) monuments, West Chester, PA



Coal Pile Mesh Scan
Colver Co-Generation Facility
Colver, PA

PA DOT District 10-0
On-Call Laboratory Testing Contract
Various Locations, PA

GenOn Northeast Management Company
Five-phased development of an ash disposal site
Shawville, PA

" The geotechnical engineering services have been professional and responsive. With CDI / L.R. Kimball's input, we have developed a drilled shaft foundation solution that will save costs for our customer, the Pennsylvania Turnpike Commission."

William J. Rohleder, Jr.
Figg Bridge Engineers, Inc.

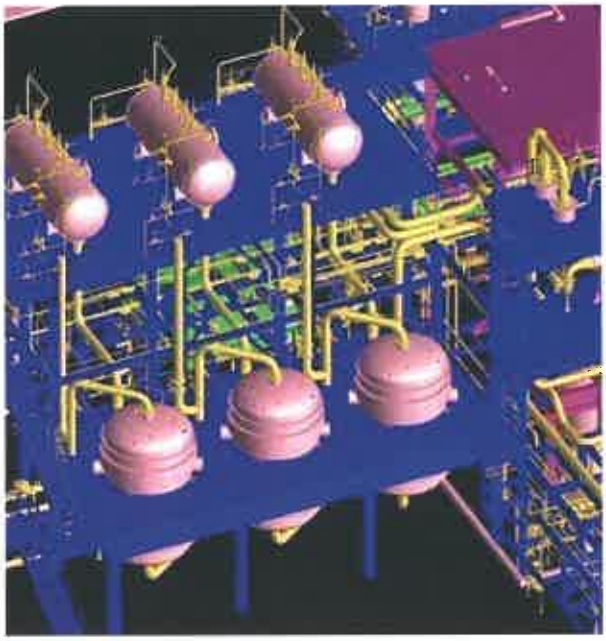
Energy & Chemicals

CDI's Energy & Chemicals Group provides integrated engineering, procurement, construction and maintenance (EPCM) services to companies and organizations in the energy, chemical and industrial sectors. With over 1,000 employees around the world, CDI's Energy & Chemicals staff can assist you with your upstream, midstream and downstream needs.

For over 60 years, CDI's Energy & Chemicals Group has provided Fortune 100 companies including Axiall, Westlake, BASF, DOW, Hexion, Union Carbide, and Huntsman with engineering and technology services to support their entire offering lifecycle and help them build tomorrow's enterprise.

Specific services including up-front planning, engineering design, industrial and commercial architecture, design/build, transportation and civil engineering, site services, procurement, construction management, start up and commissioning.

At CDI / L.R. Kimball, we draw upon our multidisciplinary skills to deliver critical Infrastructure services, such as labs, manufacturing facilities, offices, roads, bridges and water treatment facilities in conjunction our with Energy & Chemicals group.



Oxy Conversion
Geismar, LA

Polysilicon Production Facility
Qujing, China

Collaborating across disciplines, our highly integrated design and delivery approach results in holistic solutions, focused project management and innovative design for complex projects.

End-to-End Grassroots Facility Development
Confidential Location

Expertise Areas:

Oil & Gas
- Downstream – Gas Processing, Refining
- Midstream – Pipeline, Tanks, Terminals, Storage
- Upstream – Onshore Facilities
- Off-shore Topsides

Chemicals
- Chemicals
- Petrochemicals
- Specialty & Agricultural Chemicals
- Renewable Energy

Specialized Capabilities
- Feasibility Studies/Front End Engineering Design (FEED)
- Facilities Engineering
- Turnaround Services
- Construction Management
- HazOp Studies

www.cdicorp.com

COSMAR Modernization Project
Carville, LA

Power System Expansion
Convent, LA

studio one

CDI studio one, built from the storied legacies of CDI Corporation and CDI / L.R. Kimball, has redefined the design process and thinks beyond the traditional siloed architecture and engineering paradigm to deliver the next generation of design.

Authentic solutions come from many voices and it starts with the people you bring to the table. By inviting global thought leadership (beyond architecture and engineering) to contribute, CDI studio one creates teams that are specific to each project and reflect the diverse factors influencing the architectural process.

Their approach is analytic, insightful and inventive. It considers each client's needs and project goals from the inside out and outside in and results in environments that not only support today's requirements – they anticipate tomorrow's expectations.

This is how CDI studio one delivers solutions, not just buildings.

CDI studio one and CDI / L.R. Kimball frequently collaborate on projects. This integrated approach capitalizes on group synergy to meet each client's budget, schedule and aspirational goals.

Expertise Areas:

- Architecture
- Interior Design
- Master Planning
- Urban Design

www.cdistudioone.com

Welcome to Collective Creativity and the next generation of design.

Allegheny County, PA
Advanced Facility Master Plan

Sheetz, Inc., New Headquarters & Operations Center
Claysburg, PA
Photo Credit: © Jeffrey Totaro, 2017

WORK

CAN AN OFFICE IMPROVE YOUR BOTTOM LINE?

With the workplace increasingly shifting from a "me" to a "we" work environment, the boundaries between private, public and shared space are becoming blurred. CDI studio one creates work platforms that encourage connectivity, flex with technology and support the "nextgen" of business. CDI studio one's best practices are inspired by the doers, not just the designers.

LEARN

CLASSROOMS WITHOUT BORDERS?

Knowledge sharing is a personal process of discovery as well as a social activity. Students learn both individually and as part of a group. This new learning model, perhaps the most transformational development in decades, requires environments that support the path to realizing one's own potential. Working with thought leaders from many disciplines, CDI studio one is redefining the architecture of education.

LIVE

CAN WE REDEFINE THE CONCEPT OF DWELL?

How and where we dwell is perhaps the most personal of architectural experiences. Whether it is your home, hotel, or dormitory, CDI studio one believes that the experience should be memorable; something more, something out of the ordinary. The firm's attention to detail and sense of placemaking infuses each project with an energy that makes dwelling both uplifting and unforgettable.

INVENT

HOW CAN DESIGN HELP DISCOVER WHAT'S NEXT?

CDI studio one enables discovery by creating environments that empower individuals to push boundaries in their respective fields by employing a multi-disciplinary approach that results in flexible and efficient mission-driven spaces that facilitate exploration and adapt to the "new and the next". Their designs integrate functional programming with architecture resulting in spaces that inspire and nurture innovation at the highest level.

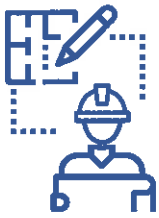
CDI® L.R. Kimball

By the Numbers

65 Years in Business

150 + Employees

9 offices across the US



100+ Design/Build projects

Over 2,000,000 square feet
of LEED Certified Projects

Highways, Bridges, Environmental, & Traffic

50 Years of experience in Transportation Design
900+ Department of Transportation projects across 11 states

Aviation

60 Active airport clients across 6 states
30+ Environmental Studies

Commercial

600+ projects
Over $ 1.4 Billion in construction value
3.4 Million SF of Commercial space designed

Corrections

150+ Correctional Facility Studies & Designs completed
Over $ 1.6 Billion in construction value

Education

600+ Higher Education Projects
450+ K-12 Education Projects
One of the first LEED Gold Certified K-12 Schools in the Country

Sports

180+ sports related projects designed
1st LEED Certified Higher Education Ballpark in the Country

Geosciences

3,000+ mapping projects completed
75+ digital orthophotography projects completed

Civil

500+ Land development projects
120+ water and wastewater treatment projects
84 dam projects

CDI® L.R. Kimball COMMERCIAL & INDUSTRIAL

65 YEARS IN BUSINESS AND

OVER **40** YEARS OF COMMERCIAL FACILITY DESIGN EXPERIENCE:

- OFFICE BUILDINGS
- TENANT IMPROVEMENTS
- FINANCIAL INSTITUTIONS
- HOTELS & CONFERENCE CENTERS
- INTERMODAL TRANSIT CENTERS
- PARKING STRUCTURES
- RELIGIOUS FACILITIES/CHURCHES
- LIGHT INDUSTRIAL/MANUFACTURING FACILITIES
- RETAIL

600+ PROJECTS DESIGNED

OVER **1.4 BILLION** IN CONSTRUCTION VALUE

AND

OVER **3.4 MILLION** SQUARE FEET OF SPACE DESIGNED

EXPERIENCE

60+ WAREHOUSE / INDUSTRIAL FACILITY PROJECTS

10 RECENT LABORATORY / MEDICAL RESEARCH PROJECTS:
- PRIVATE COMPANIES
- PUBLIC SAFETY / LAW ENFORCEMENT
- EDUCATIONAL INSTITUTIONS

200+ PROJECTS FOR WEST VIRGINIA DEPARTMENT OF TRANSPORTATION AND/OR DIVISION OF HIGHWAYS

85+ OFFICE SPACE PROJECTS

OVER **2.9 MILLION** SQUARE FEET OF OFFICE SPACE DESIGNED

15 RECENT TENANT FIT-OUTS FOR:
- RESEARCH COMPANIES
- GOVERNMENT AGENCIES
- PRIVATE FIRMS
- EDUCATIONAL INSTITUTIONS
- MEDICAL INSTITUTIONS

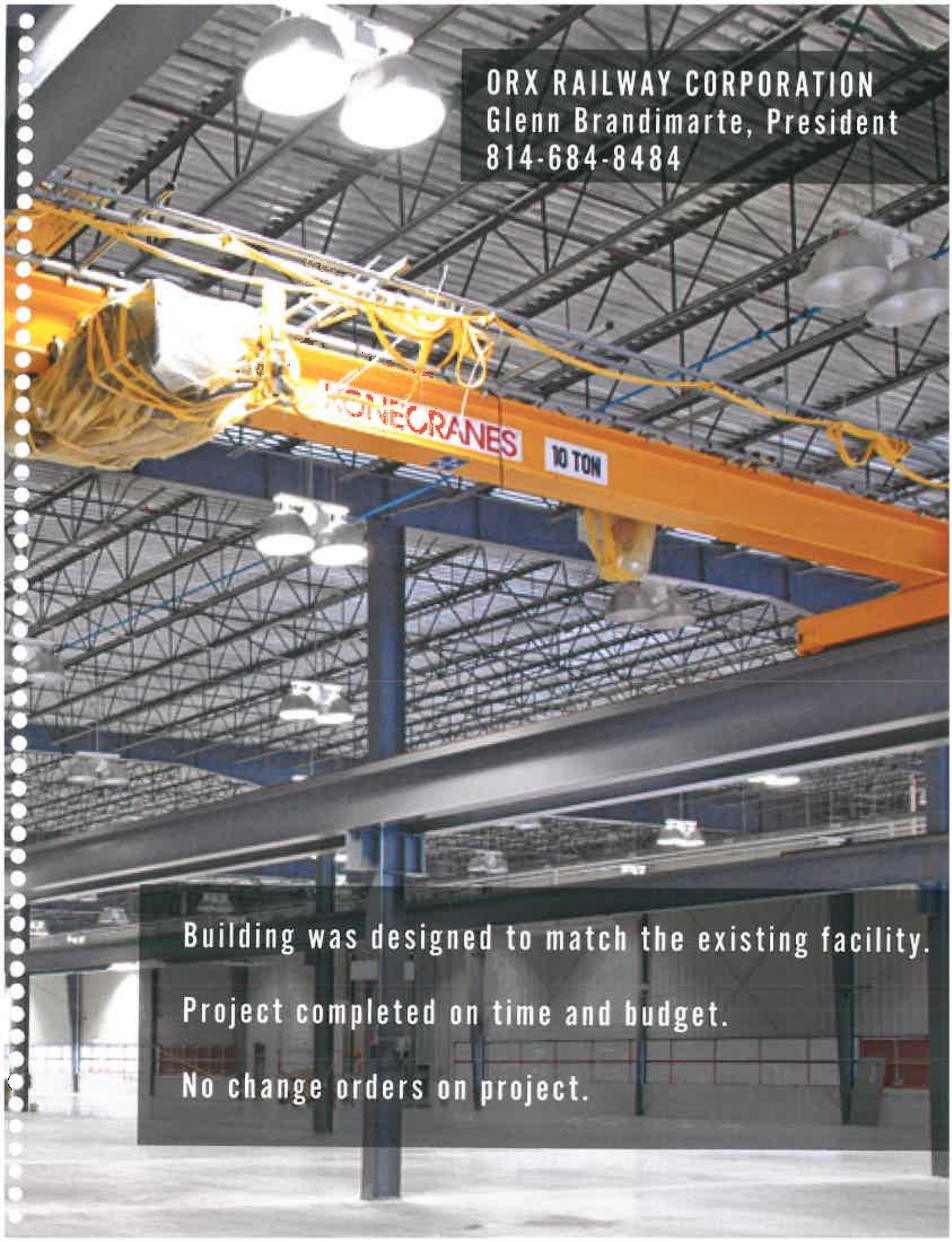
[illegible] Headquarters & Operations Center
Claysburg, PA
Photo Credit: © Jeffrey Totaro 2017

BUSINESS & MANUFACTURING ADDITION, Tipton, PA

70,000 SF - Office / Manufacturing / Warehouse

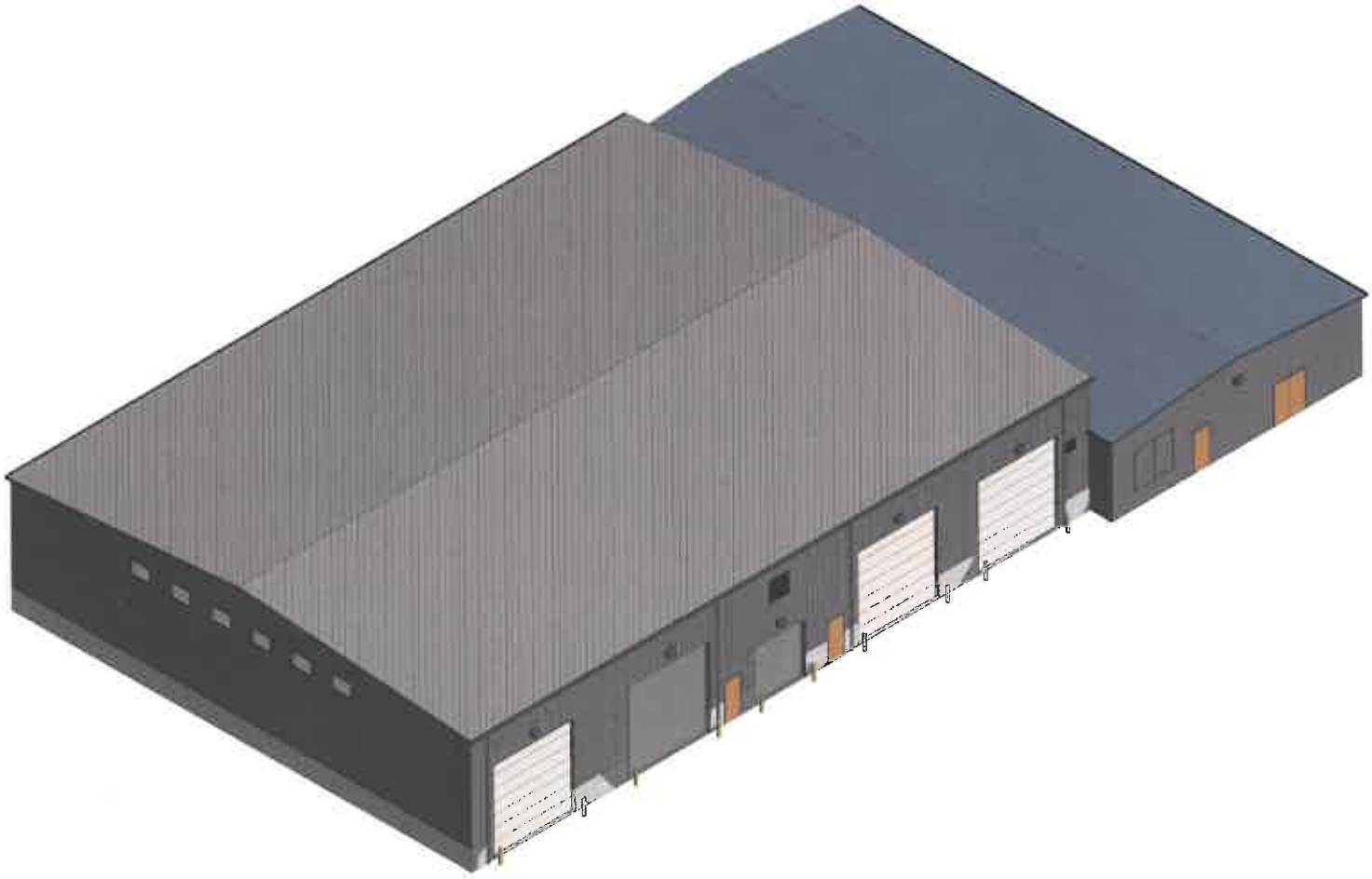
"The design of the building and its functionality are everything I hoped they would be, and I am a very, very, very particular person. Everything about its design is just perfect. The architecture itself is a work of art. It is with the very highest rating that I unconditionally recommend them for any such project. Just one warning though, they get things done with lightning speed."

Glenn Brandimarte, President, ORX Railway Corporation


ORX RAILWAY CORPORATION
Glenn Brandimarte, President
814-684-8484
10 TON
Building was designed to match the existing facility.
Project completed on time and budget.
No change orders on project.

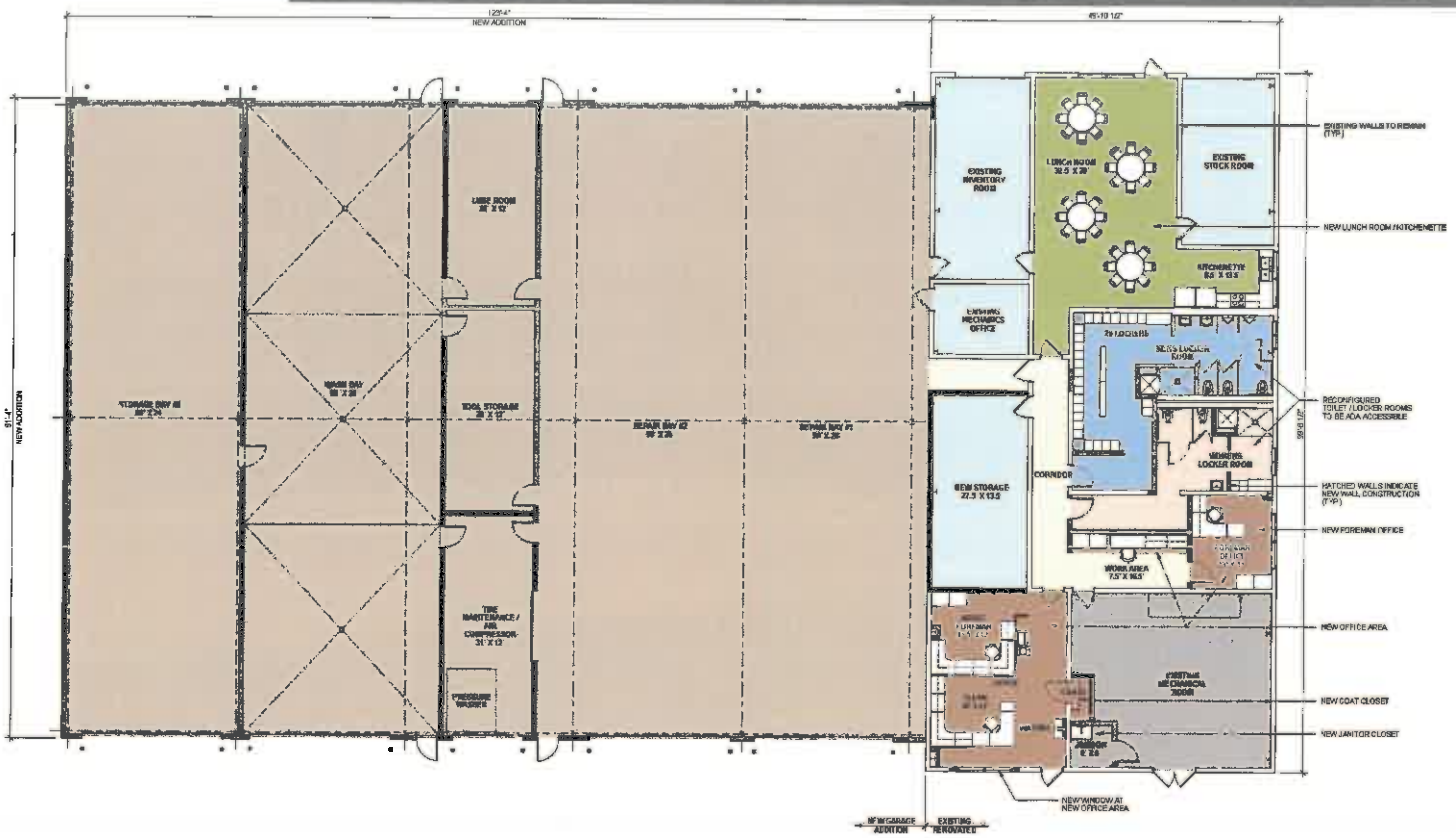
KEGG MAINTENANCE FACILITY ADDITIONS/ RENOVATIONS, MANS CHOICE PA

18,200 SF - Maintenance Facility / Truck Shelter / Office



PENNSYLVANIA TURNPIKE COMMISSION

Carl Mittereder, Manager of Facilities Design
717-986-8737



Project Objective:

- Prepare design and construction documents for the Renovation and New Construction at the existing maintenance facility

The Plan:

- Prepared final design & construction documents for office, demolition of existing maintenance and construction of new maintenance garage.
- Final design documents for an addition to a existing truck shelter, new water tank for fire suppression system, new retaining wall, and various site improvements.

ARMSTRONG MAINTENANCE FACILITY, KITTANNING, PA

Office/Salt Storage/Equipment Storage/Vehicle Garage

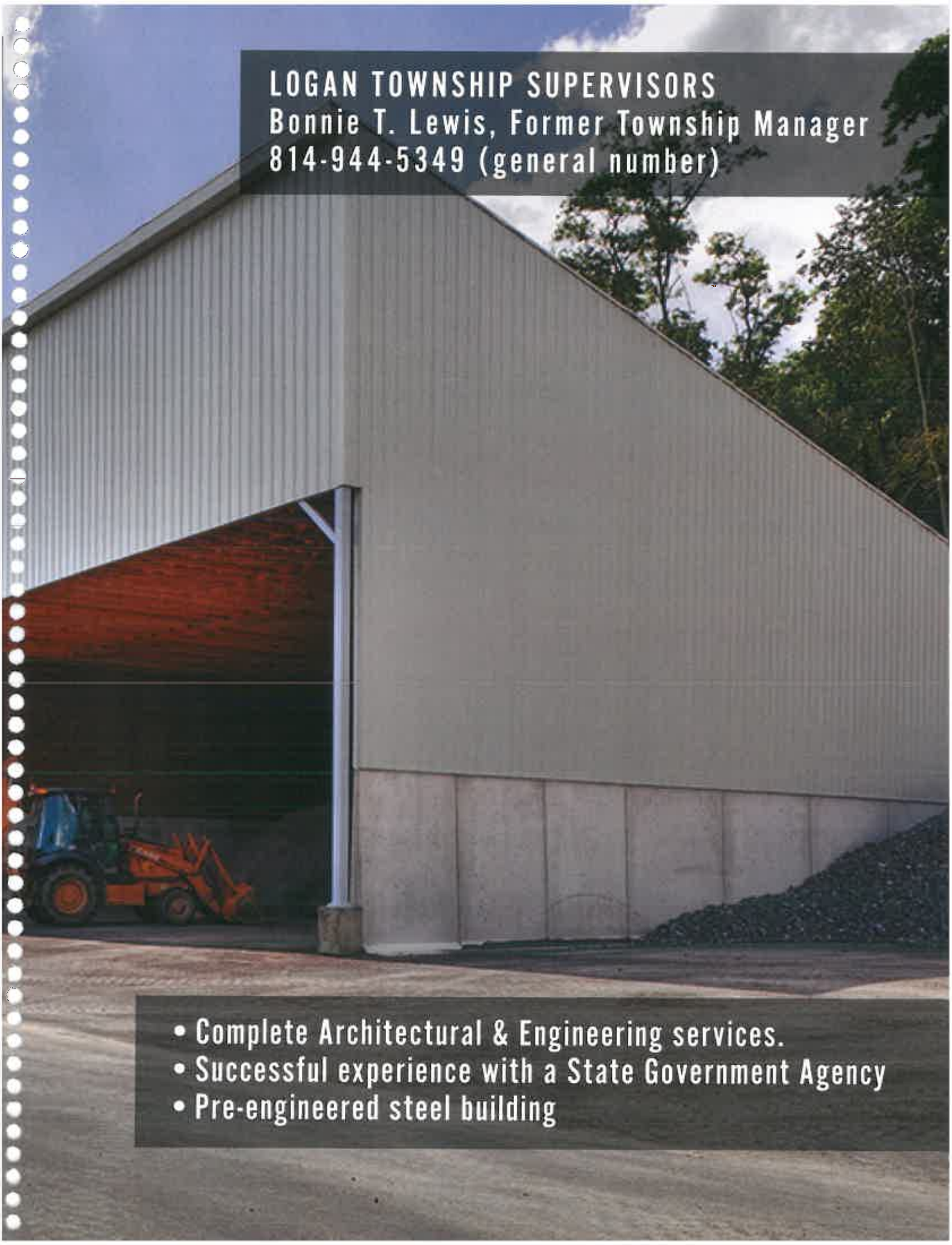
DEPARTMENT OF GENERAL SERVICES

Art Pfeiffer, Design Project Manager
717-783-3761

- Complete Architectural & Engineering services.
- Successful experience with a State Government Agency
- Currently on-hold, awaiting off-site sanitary sewer extension

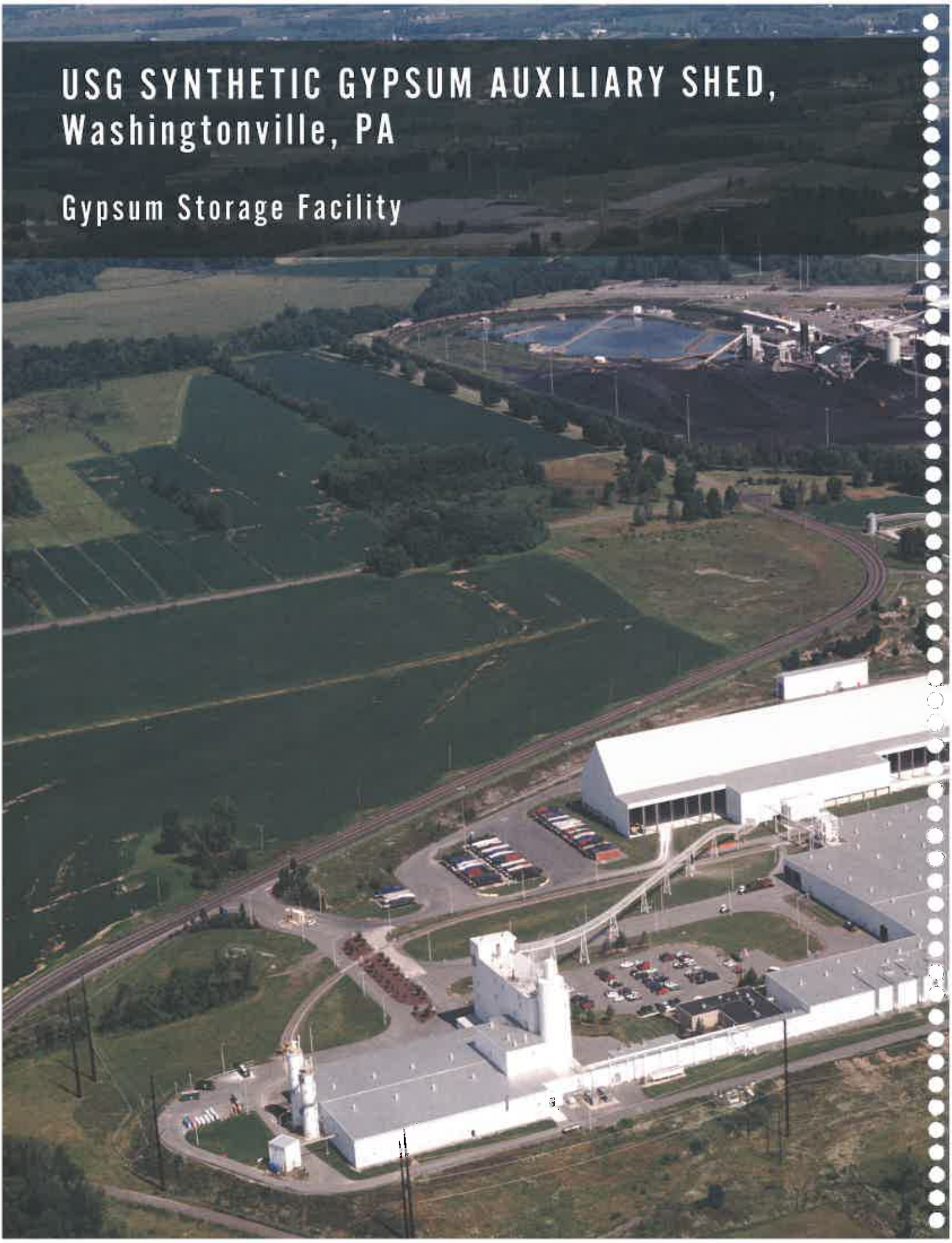
MUNICIPAL COMPLEX AND VEHICLE/MAINTENANCE GARAGE, Altoona, PA

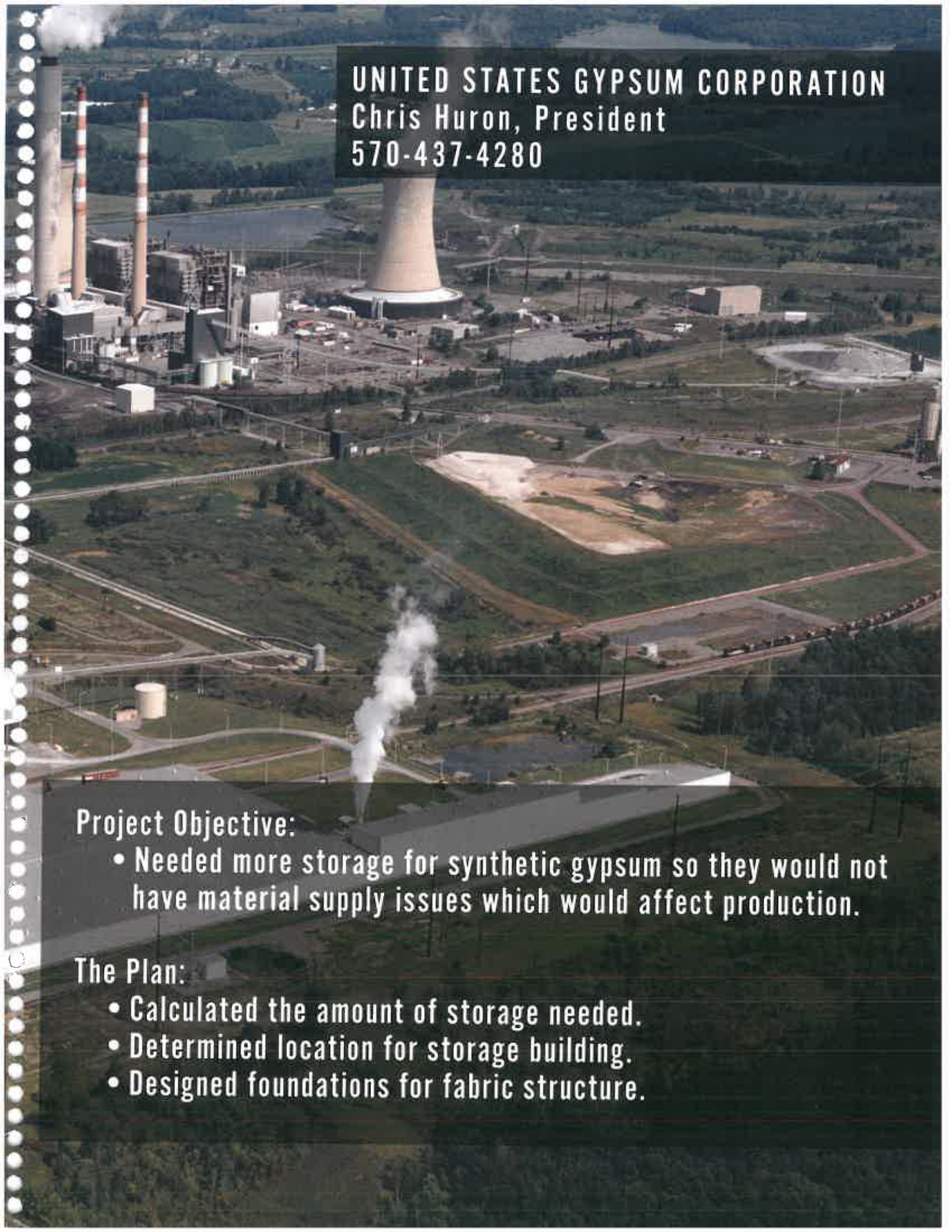
34,500 SF - Office / Salt Storage / Vehicle Maintenance


LOGAN TOWNSHIP SUPERVISORS
Bonnie T. Lewis, Former Township Manager
814-944-5349 (general number)
• Complete Architectural & Engineering services.
• Successful experience with a State Government Agency
• Pre-engineered steel building

USG SYNTHETIC GYPSUM AUXILIARY SHED, Washingtonville, PA

Gypsum Storage Facility





UNITED STATES GYPSUM CORPORATION

Chris Huron, President
570-437-4280

Project Objective:

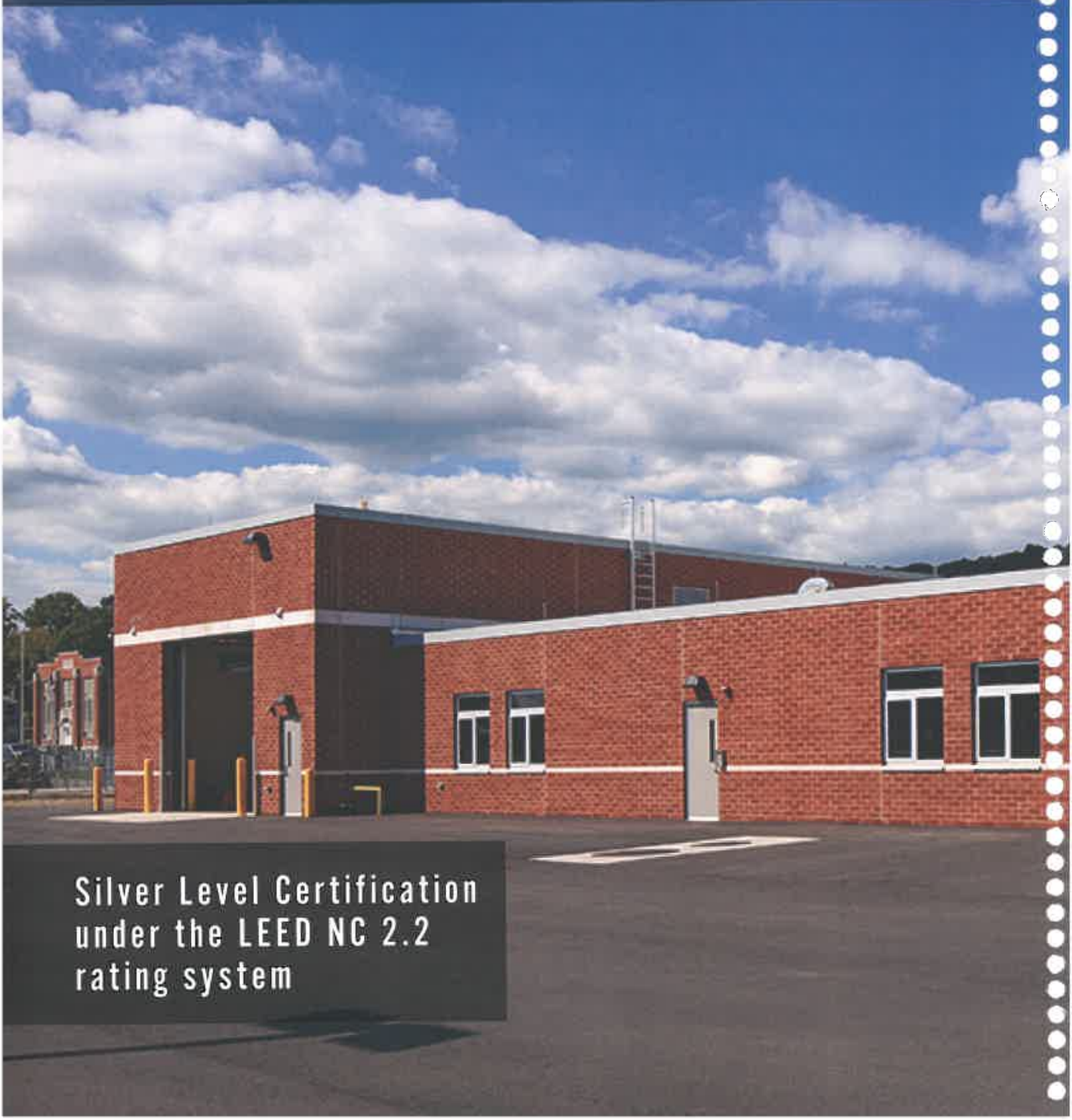
- Needed more storage for synthetic gypsum so they would not have material supply issues which would affect production.

The Plan:

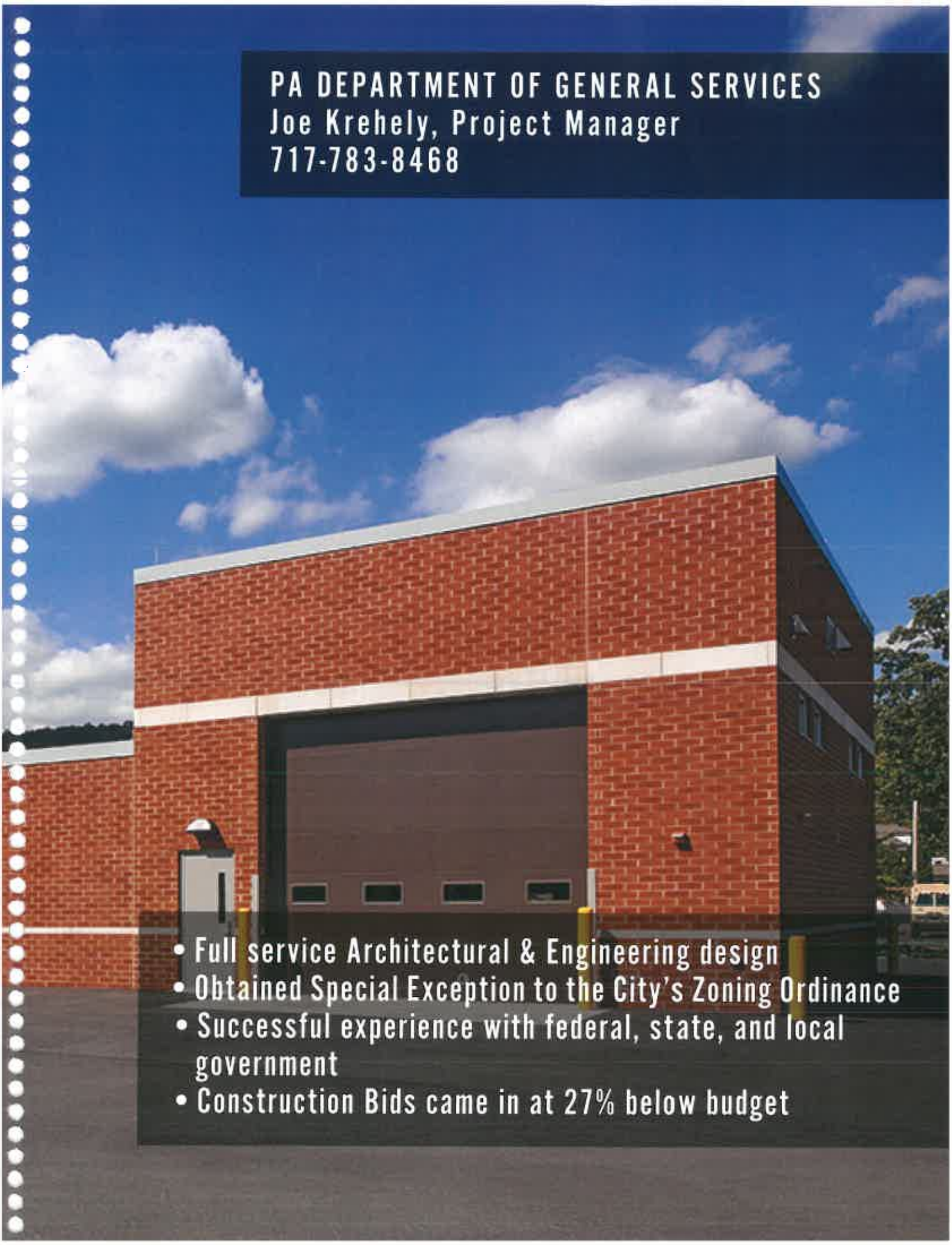
- Calculated the amount of storage needed.
- Determined location for storage building.
- Designed foundations for fabric structure.

ARMED FORCES RESERVE CENTER AND FIELD MAINTENANCE SHOP, Williamsport, PA

75,000 SF - Office/Training Facility/Maintenance Facility



Silver Level Certification under the LEED NC 2.2 rating system



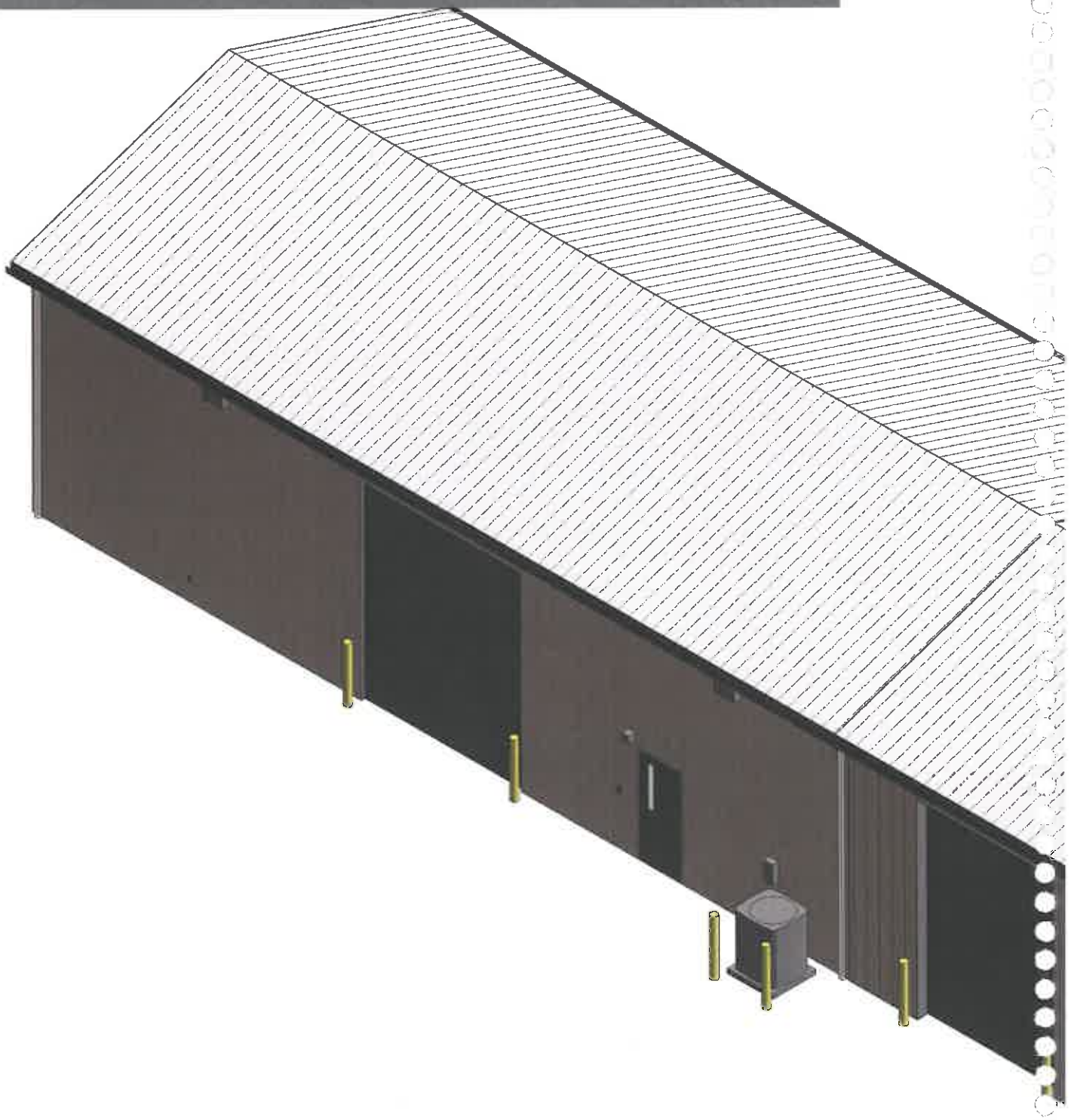
PA DEPARTMENT OF GENERAL SERVICES

Joe Krehely, Project Manager
717-783-8468

- Full service Architectural & Engineering design
- Obtained Special Exception to the City's Zoning Ordinance
- Successful experience with federal, state, and local government
- Construction Bids came in at 27% below budget

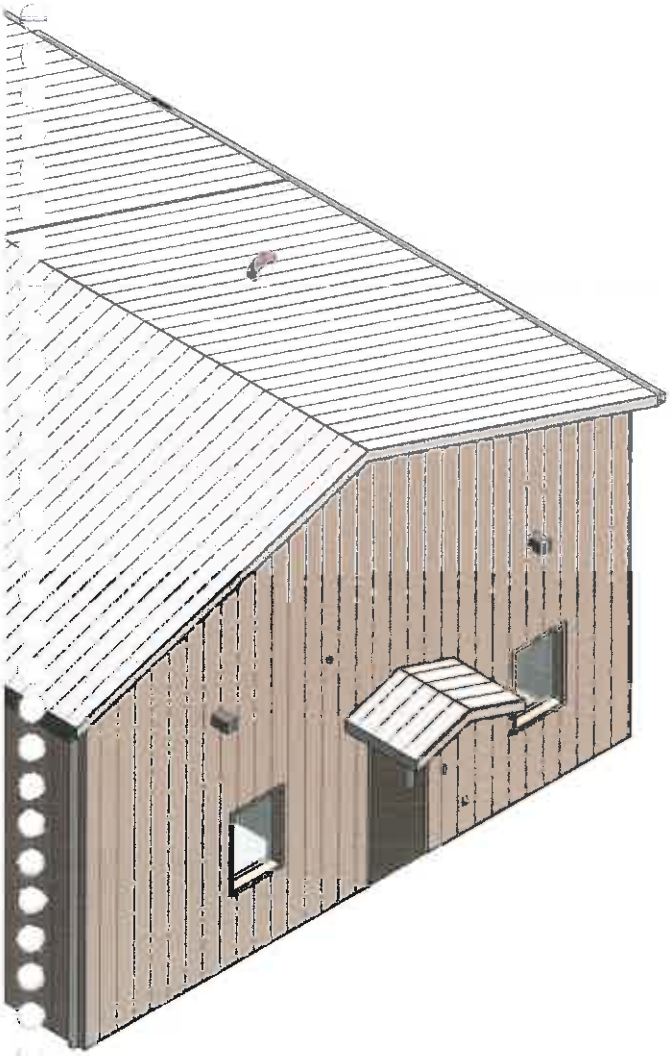
BOWMANSVILLE MAINTENANCE FACILITY, Bowmansville, PA

250 SF - Expansion of Maintenance Facility



PENNSYLVANIA TURNPIKE COMMISSION

Vincent Buser, Project Manager
717-831-7434



Project Objective:

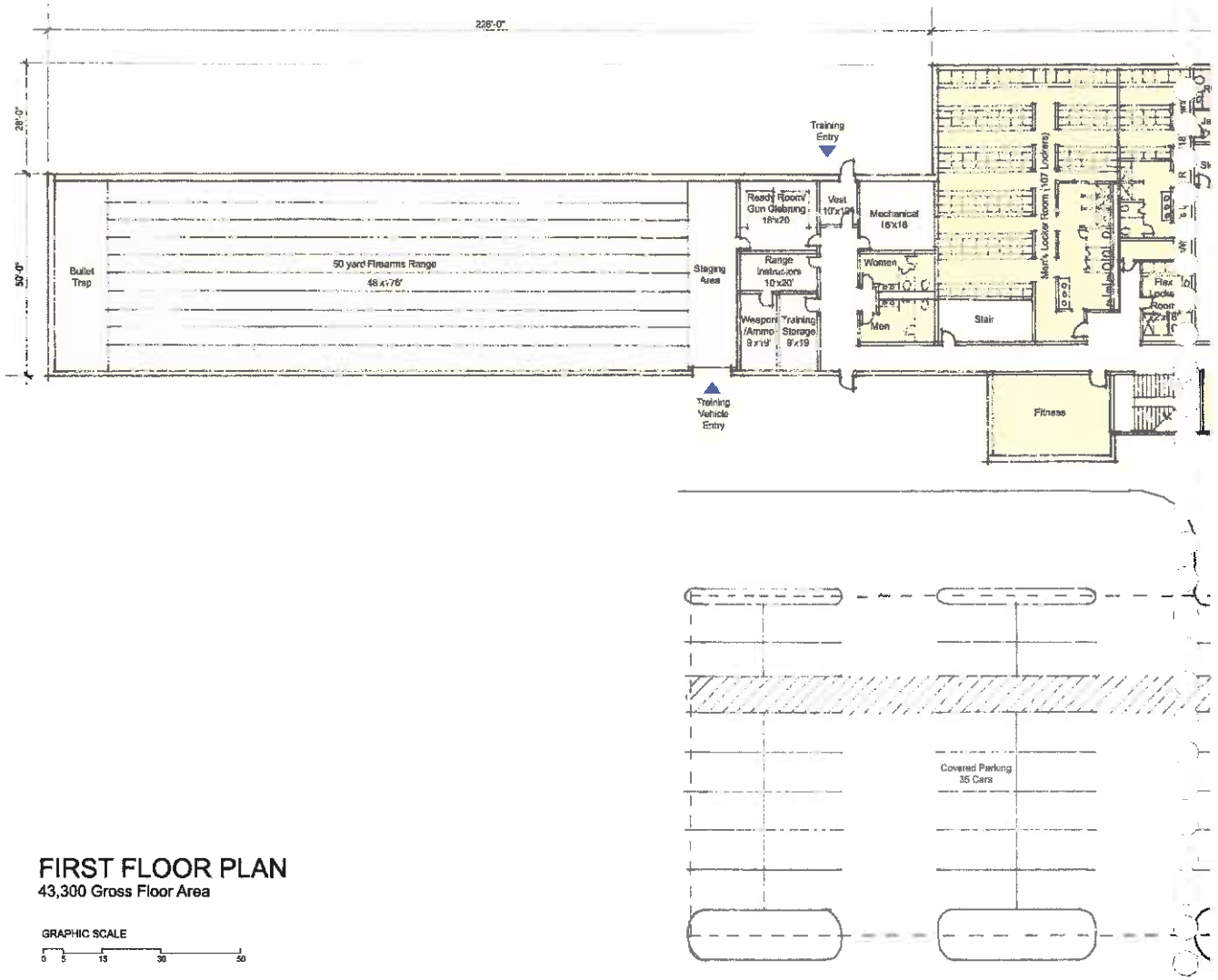
- Prepare design and construction documents for an addition to existing maintenance Building 12

The Plan:

- Prepared final design & construction documents for a 750 S.F. addition to the existing maintenance building. The addition will also contain a new toilet room for the maintenance staff.
- Minor site improvements (concrete apron and paving) including a new sanitary sewer holding tank, are also included.

CONSTRUCT NEW HEADQUARTERS FACILITY, P&S/ GARAGE AND CRIME LAB, ERIE HEADQUARTERS, Erie County, PA,

44,000 SF - Office/Maintenance Garage/Crime Lab



FIRST FLOOR PLAN

43,300 Gross Floor Area

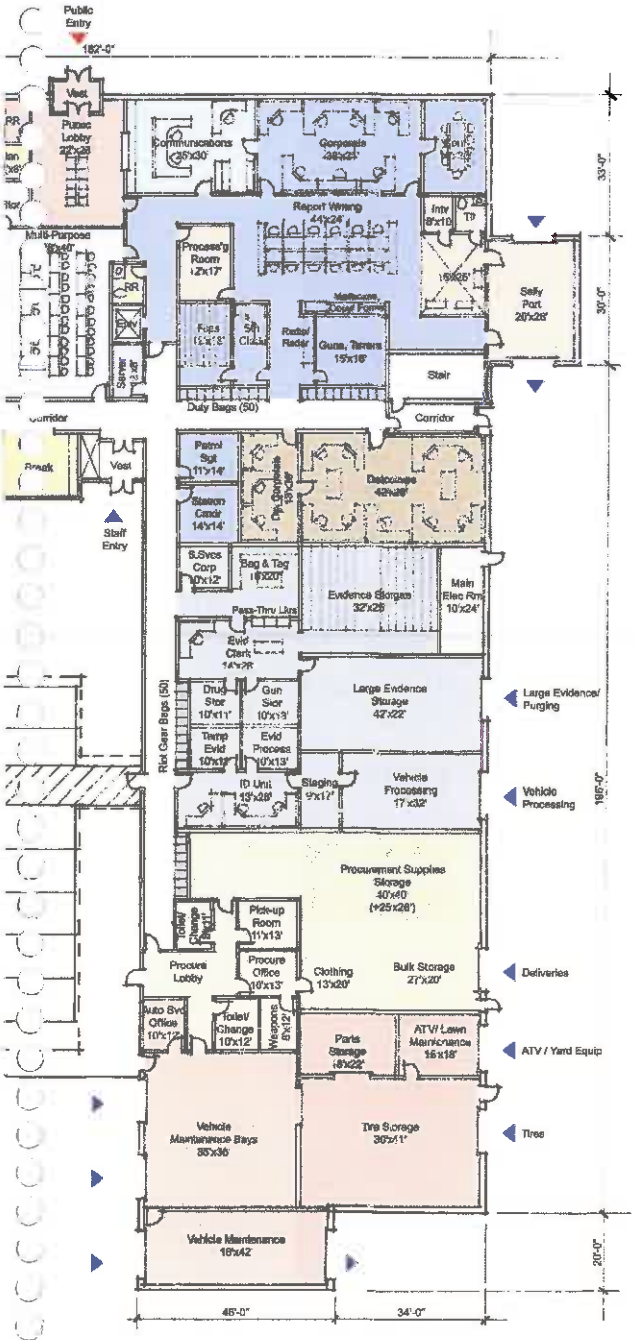
GRAPHIC SCALE

0 5 15 30 50

PA DGS - Erie PSP
14-2200-0073
April 17, 2018

PA DEPARTMENT OF GENERAL SERVICES

Craig M. Zimmerman, Project Manager
717-346-5947



Project Objective:

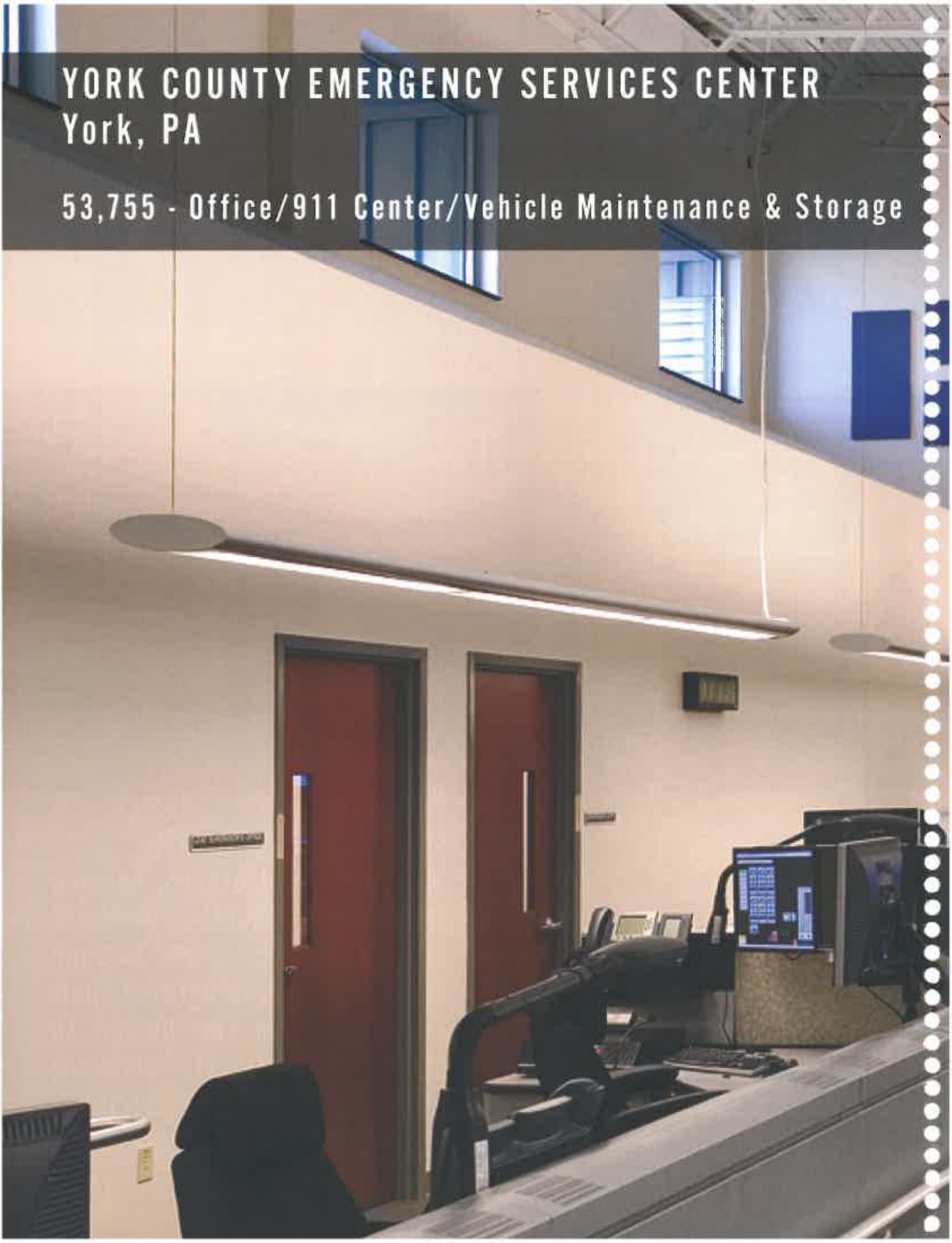
- Prepare design and construction documents for a new headquarters building with a vehicle maintenance garage and new crime lab.
- Project to be on schedule and within budget.

The Plan:

- Prepared final design & construction documents
- Meet with user groups, develop their requirements, highlight core requirements, and through design process integrated their core values in the design to produce functional, efficient and welcoming building facility.

YORK COUNTY EMERGENCY SERVICES CENTER
York, PA

53,755 - Office/911 Center/Vehicle Maintenance & Storage



YORK COUNTY DEPARTMENT OF EMERGENCY SERVICES

Eric Bistline, Former Executive Director (retired)
717-840-2903 (general number)

Project Objective:

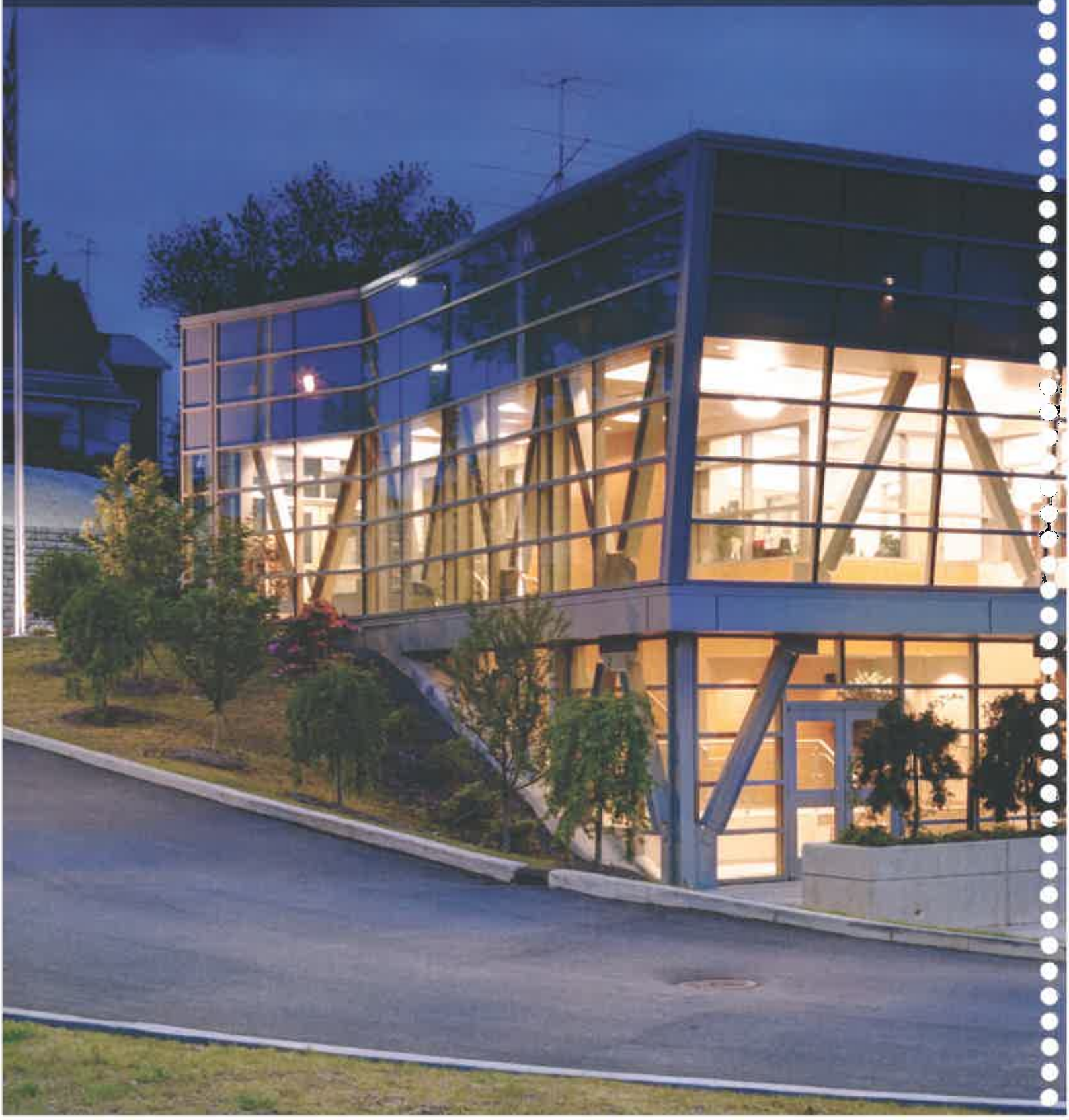
- Prepare design and construction documents for an Emergency Services Center.
- Project to be on schedule and within budget.

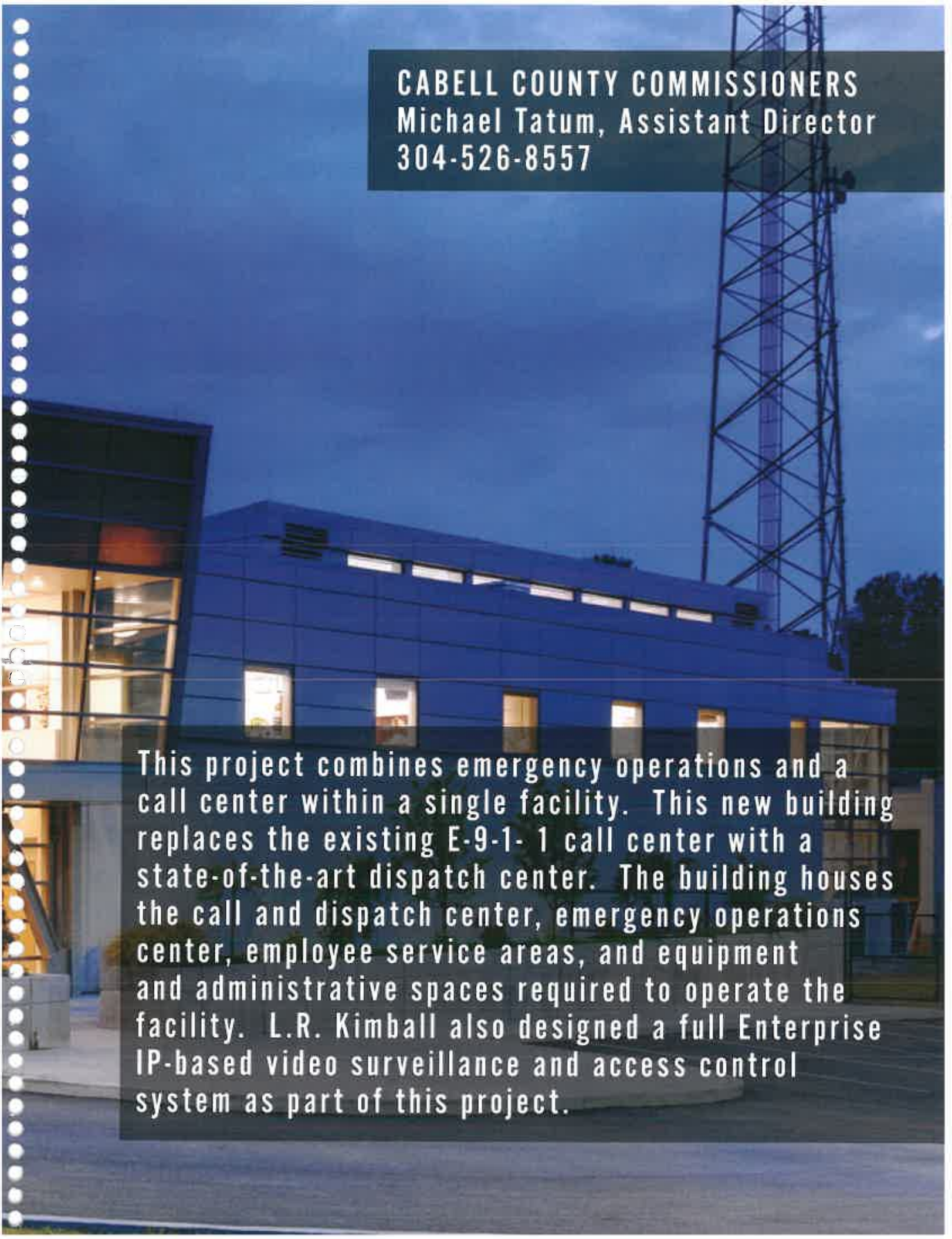
The Plan:

- Prepared final design & construction documents
- Project was completed under budget and was completed one week ahead of schedule
- Largest state-of-the-art county 9-1-1 in the state of Pennsylvania.
- Architectural features and finishes were selected/coordinated to accent and complement the adjacent Emergency Services Center.

CABELL COUNTY EMERGENCY SERVICES CENTER, Huntington, WV

13,000 SF - Office / 911 Center



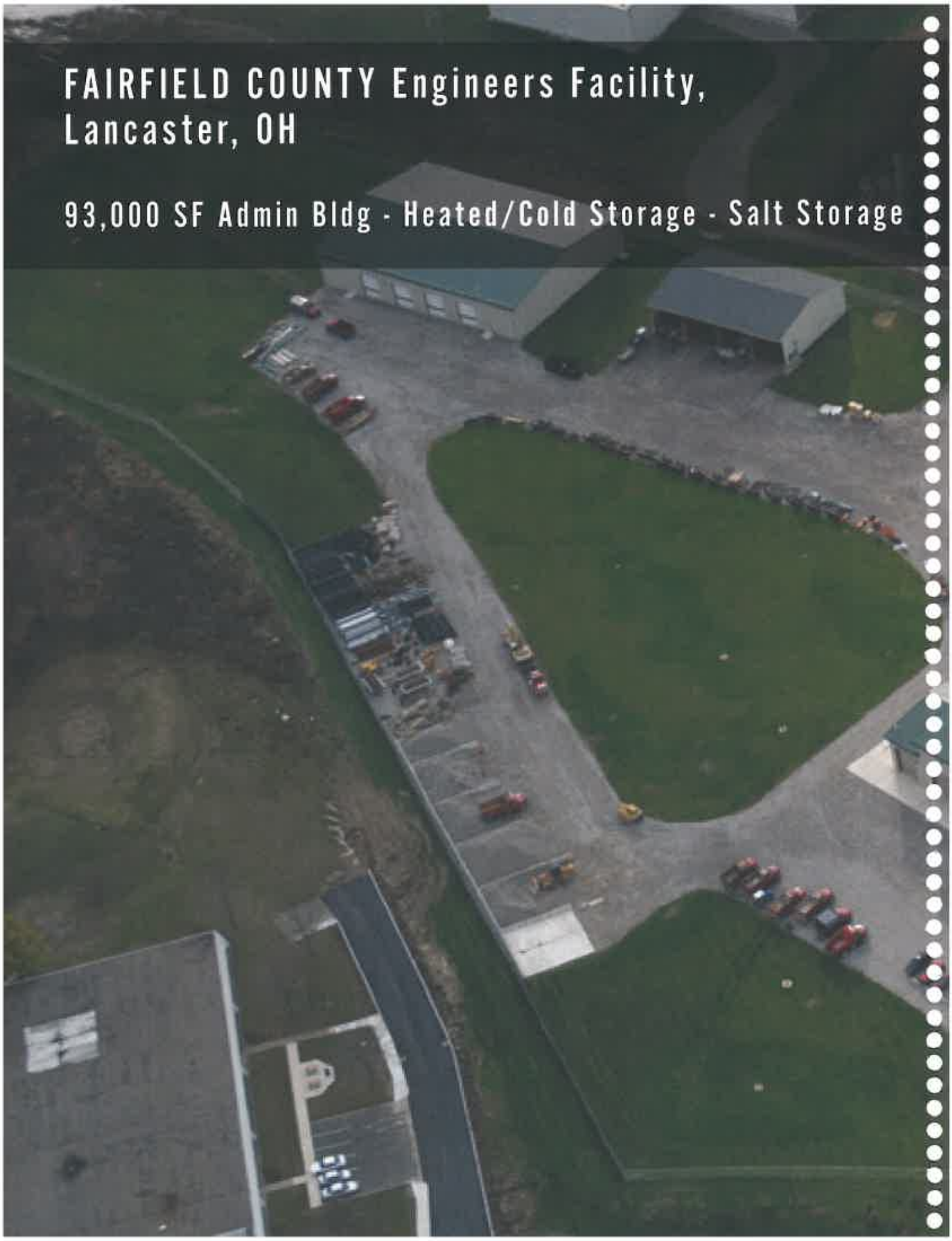


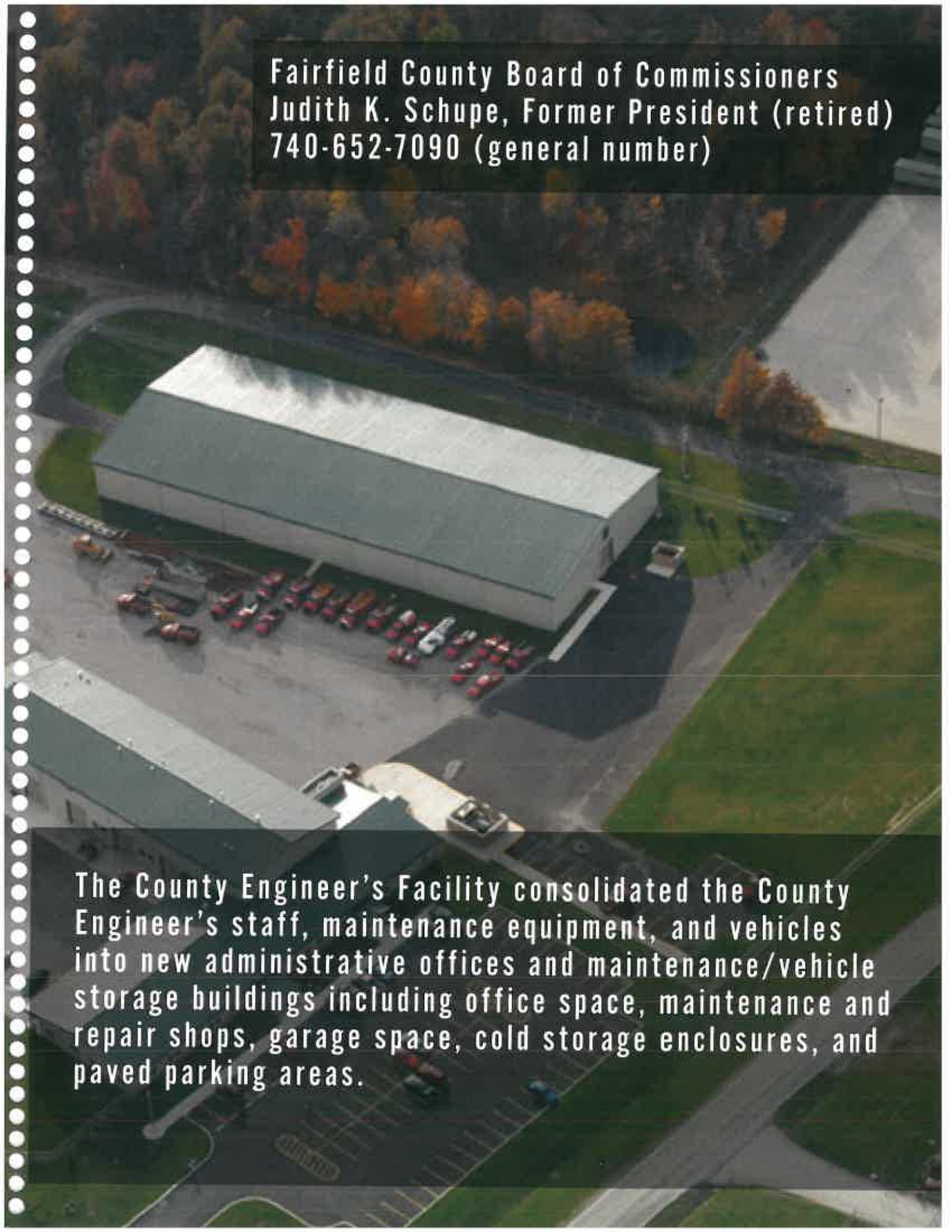
CABELL COUNTY COMMISSIONERS
Michael Tatum, Assistant Director
304-526-8557

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.

FAIRFIELD COUNTY Engineers Facility, Lancaster, OH

93,000 SF Admin Bldg - Heated/Cold Storage - Salt Storage





Fairfield County Board of Commissioners
Judith K. Schupe, Former President (retired)
740-652-7090 (general number)

The County Engineer's Facility consolidated the County Engineer's staff, maintenance equipment, and vehicles into new administrative offices and maintenance/vehicle storage buildings including office space, maintenance and repair shops, garage space, cold storage enclosures, and paved parking areas.

ENVIRONMENTAL, GEOTECHNICAL & LANDSCAPE ARCHITECTURE CONSULTANT

TRC Engineers, Inc. (TRC) is an infrastructure and environmental engineering services company employing more than 4,200 full-time staff in 101 offices nationwide. Our firm is respected for its ability to add value to projects of varying scope and complexity throughout the country. Locally, TRC through its legacy companies, has been providing professional services in West Virginia for over 30 years and we plan to continue our growth. Our office in Charleston, WV works collaboratively with regional offices located in Ohio, Pennsylvania, New Jersey and Maryland to collectively provide access to over 150 professionals serving environmental, geotechnical and landscape architecture projects. In West Virginia, TRC provides a comprehensive blend of services that include ecological and environmental services, geotechnical engineering, transportation design, stormwater management and landscape architecture. Our core values of Safety, Quality, Integrity, Creativity, Accountability, Teamwork and Passion are behaviors that each employee works to exemplify with each project. We work collaboratively across disciplines to leverage our diverse expertise to develop innovative technical solutions to meet your goals. Our formal Quality Management Program ensures our achievement of WVDNR's quality and performance objectives through customized quality programs that are founded on corporate directives and incorporate project-specific quality requirements. TRC is committed to provide the WVDNR with responsive and effective services and believe that our proposed staff are well-qualified to meet your needs.

TRC's Environmental Services - with professional staff located in Charleston and other nearby regional offices, TRC is able to pull from over 60 ecological, environmental, landscape architecture, and archaeological professionals to assist on projects throughout the state. Additionally, TRC holds federal permits through the US Fish and Wildlife service to conduct mussel surveys as well as surveys for the Indiana bat and the northern long-eared bat.

TRC's Geotechnical and Geological Professionals - provide a "window to the underground" that helps clients take a proactive approach to project planning and design. Our experts analyze the physical and structural properties of soil and rock, then formulate an effective plan of action for you to successfully build on and within those materials. We are also equipped with full service drilling and laboratory testing capabilities. Typical services include: foundation investigations, geotechnical site assessments, slope stability studies, and soil and site improvements.

GEOTECHNICAL ENGINEERING

TRC's staff of geotechnical and geological professionals offers the requisite technical expertise to help our clients take a proactive approach to project planning and design. Our experts analyze the physical and structural properties of soil and rock through the application of both traditional as well as innovative investigative techniques to determine your site's subsurface complexities, then formulate an effective plan of action for you to successfully build on and within those materials. Relying on an experienced staff of geotechnical engineers and geologists, TRC has developed a formidable reputation for providing practical, cost-effective geotechnical design solutions for a wide range of project applications and subsurface conditions. TRC's geotechnical staff includes four (4) West Virginia registered professional engineers. Related services include:

- Site-specific subsurface investigations
- Deep and shallow foundation design and construction recommendations
- Geotechnical feasibility studies and site assessments
- QA/QC field inspection and testing

- Pavement evaluation and design
- Soil & rock slope stability evaluations
- Settlement/consolidation evaluations
- Foundation and retaining wall evaluations
- Constructability review
- Landslide repair
- Ground modification
- In-situ instrumentation
- Forensic studies
- Claims and litigation support
- Site seismic evaluations

SUBSURFACE DRILLING (Test Borings) - In support of our professional staff, TRC owns and operates 19 drill rigs (track-, truck-, skid- barge and ATV-mounted applications) that can mobilize in all types of land- and water-based situations, including navigable waterways, streams, mountainous terrain and marsh-like soils. Methods that are typically employed by our crews include continuous flight auger, split spoon, Shelby tubes, rock core drilling, and non-destructive / non-intrusive geophysical investigations. Leveraging such experience, where economically feasible based on project location and scope, TRC has the in-house capability to perform all of the geotechnical borings that may be required by WVDNR and has routinely done so for assignments throughout a wide geographic area that comprises portions of the Southeast, Midwest, Mid-Atlantic and Northeastern states . Our drillers are very familiar with all standard drilling methods and procedures, and are proficient in the use of various specialized subsurface sampling techniques and the installation of various instrumentation. A 4,000 sq. ft., full-service support facility that houses an equipment warehouse, repair facility, parts fabrication shop, sample storage and administrative offices ensures that our fleet is maintained in top condition and is ready for deployment when needed.

LABORATORY SOIL ANALYSES

To accommodate the testing needs of our engineering staff, TRC maintains a modern AMRL/AASHTO/ASTM-certified soil-mechanics laboratory that is fully-equipped to meet a host of physical testing needs. Capabilities of this facility include the following:

- Visual and laboratory classification
- Classification testing and determination of moisture-density relations
- Permeability tests
- Direct shear tests
- Triaxial shear tests
- Unconfined compression tests
- Consolidation tests
- Compaction testing
- Slake Durability
- Point Load tests

PILE DYNAMIC ANALYSIS (PDA)

PDA testing is a smart and proven alternative to static pile testing in that it allows for "Real Time" data review of the measured stresses on a pile, thus allowing for 'on-the-fly' hammer stroke adjustments and cushion material replacement. TRC's extensive experience in high technology environments, coupled with our vibration testing background, provides our customers with a unique set of skills that is fully capable of implementing the latest advancements in PDA testing. Our PDA Technicians continue to enrich themselves through attendance at specialty seminars that focus on the latest pile driving topics, and fully support a collaborative environment amongst their

peers that keeps them informed of the latest data trends and geotechnical advancements in PDA testing. With over 20 years of test methodology and test plan development experience, we can quickly interpret and implement a comprehensive and realistic PDA test sequence that fully meets your project's requirements. TRC is a certified user of the Pile Dynamic Analyzer (PAK model).

In the field, approximate capacities can be obtained using the Case Method for pile capacity calculation. In addition, we offer an enhanced analysis, called CAPWAP, which enables us to correlate the measured data with the known pile / soil model elements. The end result of CAPWAP, via a rigorous and repeated signal matching solution, produces a pile driving summary that contains pile capacity, percent end bearing / skin friction, measured pile compression and tension stresses. Using this type of empirical and analytical data assistance, we can validate a project's design requirements with superior accuracy and speed.

VIBRATION MONITORING

Whether the vibration is caused from blasting, pile driving, demolition or construction equipment, TRC staff can implement a proactive monitoring plan that will allow a project to move forward with added confidence. Our staff can develop realistic vibration plans that satisfy the U.S. Bureau of Mines Report of Investigation 8507 criteria and provide real-time monitoring output via our Instantel® seismographs. Furthermore, we can communicate with a project's adjacent property owners to help them understand perceptible vibration levels as compared to typical damage threshold levels. Finally, we can perform pre- and post-construction inspection services that serve as a baseline project status for candidate structures.

TRC PROJECT EXPERIENCE

NEPA SERVICES, MIDWAY BRIDGE REPLACEMENT

Berkley and Jefferson Counties, WV (WVDOH)

TRC is preparing the NEPA documentation and associated necessary studies for a replacement of the existing bridge carrying WV Route 51 over Opequon Creek approximately one mile north of the town of Middleway. During preliminary background research, the WVDOH determined there was a high potential for archaeological resources in the immediate vicinity of the bridge due to the reported existence of a potential mound feature at the bridge location. The WVDOH therefore expanded its study area to include a 200-foot-wide buffer on the eastern and western approaches to the bridge. This resulted in a revised study area with an acreage of approximately 9.6 acres. The purpose of the expanded survey area is to assist the bridge design team in identifying areas where there is the potential for no or minimal impacts to potentially significant environmental resources. The proposed project is anticipated to be cleared through a Categorical Exclusion (CE) document.

NEPA SERVICES, WV10 OPERATIONAL IMPROVEMENTS

Logan, Wyoming, and Mercer Counties, WV (WVDOH)

TRC conducted NEPA services associated with the design of operational improvements along 69 miles of WV 10. Associated tasks included Section 4(f) and 6(f) review and evaluation; Cultural Resource surveys, including archaeologic and historic architectural documentation; and Environmental Site Assessment review and recommendations. Under this contract, TRC served as a subconsultant and worked with project designers, review agency personnel, and WVDOH environmental and engineering personnel to communicate project findings and coordinate the results with task leaders, stakeholders and the prime consultant. The project, which was completed on an expedited schedule due to a planned roadway bond sale, was divided into five (5) construction contracts with each contract cleared as a standalone Categorical Exclusion (CE) document. The design of the project included roadway rehabilitation/ upgrades, bridge replacements/ rehabilitations, culvert replacements, new passing lanes, slide repairs, and contract plans. Proposed impacts were deemed minimal throughout most of the project, except at proposed historic bridge replacement areas which are to be coordinated under the Section 4(f) historic bridge replacement programmatic agreement. TRC is currently preparing the required alternative analysis and mitigation measures as required by the programmatic agreement.

SECTION 4(F) DOCUMENTATION AND STATE-LEVEL RECORDATION OF THE TWIN PONY TRUSS BRIDGE AND THE DUHRING STREET BRIDGE

Mercer County, WV (WVDOH)

TRC prepared Section 4(f) evaluation of the 1915 Duhring Street Pony Truss Bridge and the ca. 1930 Twin Pony Truss Bridge, both located in Bramwell, Mercer County. Both bridges are located within, and are contributing resources to, the National Register-listed Bramwell Historic District thus necessitating the Section 4(f) evaluations. The separate evaluations for each bridge were conducted as part of the environmental studies carried out by WVDOH before removal of the two deteriorated bridges. TRC's evaluations examined the build alternatives for the two bridges and evaluated them for their ability to avoid the Section 4(f) resources. As part of the proposed mitigation of adverse effects to the bridges, TRC will be preparing State-Level documentation of each bridge for submittal to WVDOH and the WV SHPO.

WELLSBURG BRIDGE OVER THE OHIO RIVER P3 PROJECT

Boone County, WV (WVDOH)

In September 2017, TRC conducted Phase 1 of a freshwater mussel salvage and relocation on the Ohio River at river mile 75.8 in Brooke County, West Virginia for the Wellsburg Bridge Project. TRC's malacologist, Rebecca Winterringer, was the field team leader and Dive Safety Officer (DSO) for this project. TRC coordinated with WVDNR for this effort and the salvage followed West Virginia Mussel Survey Protocol. Survey plans were approved allowing TRC to adhere to client deadlines. The TRC Dive Team utilized the team's dive vessel and Surface Supplied Air (SSA) equipment to salvage freshwater mussels in the Ohio River ahead of a major bridge construction project connecting Route 2 in Wellsburg, West Virginia and Route 7 in Brilliant, Ohio. One fresh-dead Potamilus alatus (pink heelsplitter) and one weathered-dead Quadrula quadrula (mapleleaf) were observed. Construction activities will take place over three mussel seasons and TRC will provide mussel services for each phase of construction. The final mussel salvage is set to be completed in 2019.

ROCK CREEK DEVELOPMENT ACCESS ROAD PROJECT

Boone County, WV (WVDOH)

This project, which began in April, 2016, involved the development of a new access road and bridge that will connect a planned industrial/commercial park to US 119 along the Little Coal River in Boone County. WVDOH selected TRC to conduct its pre-construction cultural resources surveys (for both archaeology and historic architecture) and freshwater mussel survey prior to bridge design and a geotechnical investigation.

The freshwater mussel survey was completed for a proposed four-lane access bridge connecting Routes US 119 and WV 3 with the goal of improving access to the former Hobet mine property. TRC coordinated with the WVDNR for this effort and the survey followed West Virginia Mussel Survey Protocol. Survey plans were approved allowing TRC to adhere to the client's deadlines. TRC malacologist Rebecca Winterringer was the field team leader for this project. One weathered-dead Lampsilis fasciola (wavy-rayed lampmussel) was found during the survey and effort which totaled 439 minutes (7.3 hours). TRC met the project schedule and completed the work under budget.

The 1,000-acre archaeological survey was conducted to identify potential resources that could be of significance to the state and provide recommendations on how to best manage these resources alongside project development. The architectural survey identified 21 historic buildings and structures within the project view shed and provided significance evaluations to assure there would be no effect to these resources. Two resources, the Hopkins House and the Coal River and Western Railway, were recommended for inclusion in the National Register of Historic Places.

One of the two archaeological sites identified (46BO509) was a large, deeply buried prehistoric site identified within the Little Coal River floodplain. It yielded a variety of artifacts indicative of a major settlement during the Late Woodland period (ca. A.D. 1000). The artifacts included sand-tempered ceramics, fire-cracked rock, stone tools, and debitage (the byproduct of stone tool manufacturing). The raw material used for the stone tools included chalcedony, siltstone, sandstone, jasper and chert, including a prized local variety known as Kanawha black flint that was once traded extensively in the region.

AES WIND POWER PROJECTS, Laurel Mountain and New Creek, WV

TRC performed the comprehensive environmental licensing and permitting and roadway engineering design for two wind energy projects at Laurel Mountain and New Creek in West Virginia. Services included: upland and wetland floristic characterizations; wetland delineations; vernal pool identification; RTE species surveys; and avian and bat monitoring, including mist netting, migratory and breeding season surveys, and raptor nesting studies. These baseline ecological surveys were used to guide the design of access roadways and stormwater management systems to avoid, minimize and mitigate potential impacts to wetlands and RTE species habitats to the maximum extent practicable. License and federal/state permit applications for the Laurel Mountain Project, which is located along a 10-mile long ridge line in Elkins, WV, have been filed with and are now being reviewed by the WV Public Service Commission, WV Division of Natural Resources (DNR), and USACE. A comprehensive report on TRC's 2007 Laurel Mountain habitat reconnaissance, discovery, mapping, characterization, and census for three new element occurrences (EOs) of the federally endangered, herbaceous plant species, Running Buffalo Clover (RBC; Trifolium stoloniferum), also was filed with the U.S. Fish and Wildlife Services (USFWS) and DNR.

During the 2007 survey, TRC worked very closely with the USFWS and DNR's Natural Heritage Program Botanist to agree on baseline census methods used in 2007 and again in 2008 to document the size/health of the three new RBC populations, and to negotiate an acceptable buffer/setback between the access road and turbine placements and the RBC populations. Habitat assessments and surveys for RTE species of bats and birds also were completed and submitted to these agencies, although no such RTE species were found at Laurel Mountain. Similar, early site ecological characterization efforts were performed at the New Creek site, to similarly guide project design to avoid/minimize natural resource impacts as much as possible. TRC is now performing comprehensive natural resource survey, mapping, and federal/state permitting programs, including Section 401/404 and NPDES stormwater permitting, for several other AES wind power projects in western Pennsylvania.

PHASE 1 ARCHAEOLOGICAL SURVEY, BIRD RUN BRIDGE REPLACEMENT PROJECT

Pocohontas County, WV

TRC conducted a Phase I archaeological survey of the proposed Bird Run Bridge Replacement (State Project S338-84-1.53) that involved a replacement of the existing simple span slab bridge carrying State Route 84 over Bird Run located approximately 1.3 miles east of the village of Frost in eastern Pocahontas County. During our reconnaissance of the project area environment, a stone foundation, likely associated with a former CCC camp, was observed in a wooded area approximately 120 m (400 ft.) south of the APE. A small, abandoned, unpaved access road, a portion (ca. 50-m (165-ft)) of which traverses the APE, was found to lead from SR 84 paralleling the eastern bank of Bird Run to the foundation area (presumably the former camp location). No artifacts were recovered from shovel testing within the APE and no archaeological features were identified. The remnants of a former access road leading to the former CCC camp was also identified and documented. It was recommended that the proposed project will have no effect to archaeological resources and no further investigations within the APE are recommended. The DOH and WV SHPO concurred with these recommendations.

WELLSBURG BRIDGE PUBLIC-PRIVATE PARTNERSHIP

Brooke County, WV

TRC is currently providing geotechnical services on this $130 million P3 project for the WVDOH involving a new Ohio River Crossing (proposed as a 6-span tied arch structure having four (4) piers within the Ohio River); an overpass bridge and associated embankment for a new connection to WV 2 and to Third Street in Brilliant, OH; and approximately 4,000 lineal feet of new retaining wall construction for a proposed alignment shift along WV State Route 2 to allow for roadway widening. TRC's geotechnical scope of work for this project involved planning and execution of a subsurface exploration program in general accordance with AASHTO and WVDOH protocols to supplement the original borings performed for the bid-phase Geotechnical Report provided by the WVDOH; development of a comprehensive soil and rock laboratory testing program to supplement laboratory testing performed for the bid phase; and evaluation of the following based on requirements set forth by the Project Criteria:

- Foundation recommendations and recommendation of dynamic/static load testing programs as applicable for the two (2) bridge structures associated with this project, as well as for associated wingwalls;
- Analyses and recommendations related to the design of earth retaining structures along the relocated WV2 as well as at the bridge locations, including considerations for global and external stability; and
- Evaluation of global stability, lateral squeeze potential, anticipated settlement and associated mitigation measures for the proposed roadway embankments within the Ohio River floodplain, including portions of which are to be constructed within an existing pond.

Evaluations related to the proposed retaining wall system to be used for support of the WV2 realignment require an evaluation for potential past and/or active landslide and/or creep movement within overburden soils, and a determination of appropriate design considerations given this potential movement. To date, five (5) slope inclinometers and five (5) standpipe piezometers have been installed as part of the subsurface investigation activities for this project. Monitoring is currently underway. TRC is overseeing the geotechnical efforts related to this project and is also actively involved with completing and reviewing engineering evaluations and reporting for various aspects of the project. Post award test borings and installation of instrumentation were performed by TRC's in-house drilling division. The majority of the geotechnical laboratory testing was performed/managed in-house by TRC, with a small portion performed by a subcontract laboratory in order to expedite reporting.

US ROUTE 35 P3 FROM WV 869 TO NORTH ROUTE 40

Mason and Putnam Counties, WV

TRC provided geotechnical engineering services for this project consisting of a new $175 million four-lane section of U.S. Route 35, including four (4) bridges, six (6) access roads, and 52 culverts. TRC's geotechnical scope of work for this project involved: planning, execution and test boring inspection for subsurface exploration program, comprised of test borings in general accordance with AASHTO and WVDOH protocols, to supplement the original borings performed for the bid-phase Geotechnical Report provided by the WVDOH; development of a comprehensive soil and rock laboratory testing program to supplement laboratory testing performed for the bid phase; evaluation and recommendation of design cross sections for all rock cut and fill sections along the main alignment based on requirements set forth by the Project Criteria as supplemented by WVDOH Design Directives 403 and 404; providing foundation recommendations for two (2) of the four (4) bridges associated with this project, as well as for all large diameter culverts, and associated bridge/culvert wingwalls; providing analyses and recommendations related to design of steepened geosynthetic reinforced soil slopes proposed at the bridge locations to be designed by TRC; evaluation of settlements for all mainline embankments and recommendation of mitigation measures as necessary to meet settlement criteria as outlined in the Project Criteria. Approximately 145 supplemental roadway, culvert and bridge borings were performed for this project. The borings ranged in depth from approximately 15 ft to 150 ft, totaling on the order of 6,000 lineal feet of drilling. All test borings were performed by TRC's in-house drilling division. TRC is currently providing construction phase geotechnical engineering services for this project, as required.

WVDOH DISTRICT 10 SLIDE REPAIR CONTRACTS

McDowell County, WV

TRC was recently under contract to perform geotechnical investigations and engineering, and then prepared construction documents related to the repair of six (6) slide areas located within WVDOH right-of-way in McDowell County, WV. Soldier pile and lagging wall construction was proposed for slope repair at each site, with the anticipated length of the walls required at each site varying from approximately 35 ft. to 130 ft.

As part of this project, TRC provided all core drilling and geotechnical evaluations, right-of-way and utility coordination, construction engineering, and other related work required for each of the proposed slide repair locations. Through the use of a subconsultant, a site survey was performed at each slide location which consisted of obtaining topographical information of the slide area and affected roadway, generation of cross sections within the slide areas for use in designing the needed remediation, and obtaining coordinates and elevations for the completion of test borings by TRC crews. The site survey data was then incorporated into mapping by TRC personnel for use in analyzing and designing the pile and lagging retaining walls, evaluating right-of-way and utility issues, and development of the construction and right of way plans.

TRI-STATE AIRPORT ACCESS ROAD LANDSLIDE

Huntington, WV

The project entailed the remediation of a relatively large landslide that had developed at the Airport along the eastern edge and just downslope of the existing Airport Access Road. To protect the existing access road from further damage, which would result in the Commercial Terminal becoming inaccessible, the Airport desired that a retaining wall be constructed near the top of the slide.

As part of a team retained to provide geotechnical engineering evaluations and design for improvements and expansion of the airport's infrastructure perform, TRC was tasked with establishing the type, location and design criteria for the wall, as well as providing geotechnical recommendations related to the relocation of a rental car wash facility in the area of the slide. TRC's geotechnical engineering staff planned and executed a comprehensive subsurface investigation program to establish subsurface conditions at the access road site and determine appropriate engineering properties for use in subsequent evaluations and design. Geotechnical test borings were performed by TRC's in-house drilling division, while laboratory testing of soil and rock was performed by our in-house AASHTO/ASTM-certified laboratory.

TRC analyzed the feasibility of constructing various types of retaining walls which included cast-in-place concrete, mechanically-stabilized earth (MSE) walls, and soldier pile and lagging walls. Based on site conditions and constraints, it was determined that a soldier pile and lagging wall, socketed into the underlying bedrock, was the most cost-effective means for providing protection of the existing roadway and proposed new construction. Upon selection of the most feasible wall type, detailed models were developed to evaluate slope stability, including consideration for the effects of the proposed soldier pile and lagging wall. A geotechnical report was prepared that detailed the geotechnical investigation and all evaluation work. TRC was retained to perform all construction phase support for this project.

TRI-STATE MALSR ROAD LANDSLIDE

Huntington, WV

The project entailed the remediation of a landslide that developed west of the main runway and had damaged the access road leading to the MALSR towers. This same road had previously been damaged by landslide activity and was subsequently relocated while the failed slope was re-graded based on recommendations by others. Since the time of the original slope repair and road relocation, the slope had continued to fail and had extended to the location of the newly relocated MALSR access roadway. As a result, it was the Airport's desire to repair the slope and relocate the roadway once again.

TRC's geotechnical engineering staff planned and executed a comprehensive subsurface investigation program to establish subsurface conditions at the access road site and determine appropriate engineering properties for use in subsequent evaluations and design. Geotechnical test borings were performed by TRC's in-house drilling division, while laboratory testing of soil and rock was performed by our in-house AASHTO/ASTM-certified laboratory. Based on the subsurface conditions revealed by TRC's investigation activities and the material properties obtained from lab testing, TRC generated detailed models for use in slope stability evaluations aimed at 1), understanding the mechanisms leading to failure of the existing slope and 2), determining a feasible slope configuration(s) for the recommended slope repair. TRC recommended that the landslide be completely repaired and that the MALSR access road be relocated up-hill from its current location. Recommendations for repair of the MALSR Access Road landslide included removal of the failed slope down to bedrock and reconstruction to a stable configuration. The recommended configuration will be based on the results of our slope stability evaluations. TRC was retained to perform all construction phase support for this project.

PROJECT ORGANIZATIONAL CHART

WEST VIRGINIA DIVISION OF HIGHWAYS

TEAM KEY:
CDI / L.R. KIMBALL
TRC

GARY LAPERA, FAIA
Principal-in-Charge

WESLEY HEVENER, PE
Project Executive

GEOSCIENCES

WILLIAM STENGER, REM, CES, CRS
Geotechnical Services

GEORGE KOPCHIK, PMP, PS, SP, PLS
Geospatial Services

STEVE LANDGREBE,PLS
Survey Party Chief

TODD A. GRIFFITH, PE
Geotechnical Engineer

ARCHITECTURE / INTERIORS

RUCHIK VYAS, AIA, LEED AP
Project Manager

ANDREW KORDISH, AIA, CDT
Project Architect

THOMAS HARRISON
Sr. Building Designer

DEAN HELSEL
Interior Designer

CIVIL

CAMERON MOCK, PE
Water/Wastewater Engineer

DAVID MINNEAR, PE
Water Resources Engineer

THOMAS GRAY, PE
Civil Engineer

GREGORY L. SCHROCK, PE. CPESC, CP-SWPPP
Senior Civil Engineer

GEORGE WRIGHT, PE
Civil Engineer

DAVID PETROSKY, RLA, ASLA
Landscape Architect

MICHAEL J. ROSS, RLA, ASLA
Landscape Architect

Please note that copies of licenses have been inlcuded at the end of the resumes.

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PROJECT ORGANIZATIONAL CHART (CONT'D)

TEAM RESOURCES:

- A team with a combined 70 years of experience working in West Virginia
- Team resources of 150+ Professionals across WV and PA offices

MEP / STRUCTURAL

BRAD BLICKENDERFER, PE
Electrical Engineer

JOHN BLICKENDERFER, PE
Electrical Engineer

RYAN MEITZLER, PE, LEED AP ID+C
Mechanical Engineer

ROBERT MACCAMY, PE, CIPE
Mechanical Engineer

CHRISTOPHER BOWERS, PE, SE
Structural Engineer

DAVID CINER, CPD, LEED AP
Plumbing / Fire Protection Designer

ENVIRONMENTAL

TAMMY SHERWIN
Environmental Project Manager

TRACY ENGLE
Wetland Scientist

GARY LAPERA, FAIA

PRINCIPAL-IN-CHARGE

Gary brings more than 30 years of proven architectural, planning, and development experience to CDI/L.R. Kimball's A/E, Geosciences, and Transportation Divisions. His international portfolio reflects his expertise in global design, client management, development strategies, and team leadership, with projects as varied and complex as the South Park Master Plan for the Allegheny County Department of Public Works; the Philadelphia Eagles Stadium Master Plan; the New Corporate Headquarters and Operations Center for Sheetz, Inc ; and the Statue of Unity Riverfront Master Plan in Kevadia, India.

Gary's design experience also includes key projects in historic cities, including the Philadelphia Eagles Headquarters and Training Facility in Philadelphia, and the Louwman Museum in The Hague, Netherlands. His ability to design sustainable spaces that respect the socio-political issues affecting a project has set Gary apart from his industry peers and positioned him as one of the industry's most thoughtful innovators. His award-winning work stands as a testament to his efforts as an accomplished designer whose ability to closely examine building types and project delivery has produced unique opportunities for developers, builders, and end users. A partial listing of Gary'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

Master Planning / Recreational

- Allegheny County Department of Public Works, South Park Master Plan, Pittsburgh, PA
- Coeur de Lion , Dakar, Senegal*
- New Jersey State Police Campus, Trenton, NJ*
- Morningstar New Town, Fort Worth, TX*
- The Falls @ Lake Travis, Lake Travis, TX*
- L'Hospitalet Quarter, Barcelona, Spain*
- Burke Mountain Resort, East Burke, VT*
- Anacostia Ballpark, Washington, DC*
- Camden Waterfront, Camden, NJ*
- Statue of Unity Resort Plan, Kevadia, India*
- 51 Degrees Resort Plan, Loeche les Bains, Switzerland*

Museums / Institutional

- Sackler Museum Conversion, Harvard University*
- Louwman Museum, The Hague, Netherlands*
- US Embassy Complex, Seoul, Korea*
- Nishinippon Design Institute, Kitakyushu, Japan*
- Statue of Unity Museum and Visitor Center, Kevadia, India*
- Philadelphia Eagles Headquarters and Training Facility, Philadelphia, PA*

Corporate / Office Experience

- Sheetz, Inc., New Corporate Headquarters & Operations Center, Claysburg, PA
- Mahler IV, Amsterdam, Netherlands*
- Thomson Consumer Electronics, Indianapolis, IN*
- Kamigofuku Machi, Fukuoka, Japan*
- Building #4, Fukuoka, Japan*
- Qatari Investment Bank, Doha, Qatar*
- Ministry of Interior (Design-Build), Riyadh, Saudi Arabia*
- Leland Office Building (Design-Build), Houston, TX*
- Offices and Television Studio (Component of Qatari Communications Center)*

Innovations in Prefabrication:

- Target Pavilions, USA
- MiCastle Modular Homes, USA
- Domestic Landscape for KB Home, Toll Brothers and ABN Amro
- Fukuoka Façade System, Japan
- Diyafah Modular Guest Room, Saudi Arabia

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

HIGHLIGHTED EXPERIENCE

- A variety of project types and an international portfolio.
- Highlighted experience includes high profile buildings & innovative prefabrication systems

YEARS OF EXPERIENCE: 33

EDUCATION

- Master of Architecture, Harvard University, 1983
- Bachelor of Architecture, Cornell University, 1981

REGISTRATIONS & CERTIFICATIONS

- **WV, Registered Architect, 2016**
- Registered Architect in 15 Additional States
- NCARB Certified

AFFILIATIONS

- American Institute of Architects – College of Fellows, 2014
- National Council of Architectural Registration Boards

SPEAKING ENGAGEMENTS

- Guest Lecturer at the Baker Program in Real Estate, Cornell University (Ongoing)
- 2014 CREDAI Barcelona Conference
- 2013 The Wharton School of the University of Pennsylvania
- 2011 Urban Land Institute (ULI) Los Angeles Meeting
- 2010 AIA/GSA Roundtable on Design-Build
- 2007 AIA Design-Build Summit
- 2004 Urban Land Institute (ULI) New York City Meeting
- 2004 Nike Conference of the Future of Design
- 2004 I Design Television Segment
- 2003 Johns Hopkins University

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WESLEY HEVENER, PE

PROJECT EXECUTIVE & BRIDGE ENGINEER

Wesley is a registered professional engineer, with a BS and MS in Civil Engineering along with a Master's in Business Administration from West Virginia University. He brings over 16 years of experience and expertise in the transportation industry through project management, bridge design, and inspection. He has been involved with the management and design of a wide array of transportation projects varying in complexity and delivery methods including large design-build projects. In addition to design, he brings experience and expertise with NBIS bridge inspections having recently served as the Project Manager for the Veteran's Glass City Skyway Bridge in Toledo, OH.

Wesley assists our team in the growth of our multi-discipline operations throughout West Virginia. His relevant project experience includes:

West Virginia Division of Highways, Henrietta Bridge – Calhoun County, WV

- Responsible for the initial layout, preliminary design and quality assurance of calculations for the Span Arrangement study. Additionally, he managed and assisted with the design, plan preparation and report for the Type, Span and Location study.

West Virginia Division of Highways, US Route 35 P3 – Mason County, WV

- Responsible for the management of the LRFD substructure design for the County Route (CR) 29 and County Route (CR) 40 bridges. The bridges were both two-span structures with lengths of 380' (170'-210') and 350' (195'-155'), respectively. Both bridges consisted of steel I-girders with integral/semi-integral abutments and two-column and cap pier bents. CR29 was on a horizontal alignment while CR40 was located on a curved alignment with a radius of 6,140'. He was responsible for the quality assurance and control of the design calculations and drawings for the piers, deck and overhang systems and integral abutments for each bridge.

West Virginia Division of Highways, Coalfields Expressway P3 – Wyoming County, WV

- Responsible for the design, details, plan preparation and general notes of the wingwalls and aprons for a 1, wingwalls 400' box culvert as part of a P3 project for a new four lane highway. He was responsible for LRFD design of ranging in length between 11' and 33' founded on spread.

West Virginia Division of Highways, Admiral T.J. Lopez Bridge - Kanawha County, WV

- Project Manager and Design Engineer responsible for the gusset plate analysis of this 1089' three span continuous through truss bridge including the computation and checking of the gusset plate calculations for each required panel point on the bridge. He also managed and served as the Lead Bridge Inspector performing hands-on inspection of gusset plates to obtain the data required to analysis the plates. In addition, he provided oversight and assisted with the creation of LUSAS models for the bridge for further FEA analysis of all live load configurations. The work was performed in coordination with the FHWA Gusset Plate Evaluation Guidance Report.

West Virginia Division of Highways, Kanawha Falls Bridge - Fayette County, WV

- Design Engineer/Lead Bridge Inspector for the hands-on inspection and LFD rehabilitation design of a three span simple through truss (265'-400'-265') over the Kanawha River supported on steel bent columns and concrete pier caps. He performed the finite element modeling in LUSAS of this truss bridge to provide forces necessary for this truss rehabilitation project. In addition, he was responsible for the load rating calculations which included the implementation of section loss for each primary member and the gusset plate rating calculations. He worked on the design and development of various repair types for the truss members based on the deterioration and capacity in order to strengthen the bridge for HS-20 live loading and assisted with the general notes and quantity calculations for the final plan submittal..

West Virginia Division of Highways
District 3, New I-77 Medina Substation

HIGHLIGHTED EXPERIENCE

- Experience with a variety of highway and bridge projects, including statewide contracts for WVDOH

YEARS OF EXPERIENCE: 16

EDUCATION

- MBA, West Virginia University, 2006
- MS, Civil Engineering, West Virginia University, 2003
- BS, Civil Engineering, West Virginia University, 2001

REGISTRATIONS / CERTIFICATIONS

- WV, Professional Engineer, 2008
- Registered Professional Engineer in 10 Other States
- eRailsafe System Badge
- SPRAT Level I Certification
- FHWA/NHI LRFD for Highway Bridge Superstructures – Steel, 2009, (#130081C)
- FHWA/NHI Bridge Safety Inspection of In-Service Bridges, 2010 [redacted]
- FHWA/NHI Project No. DTFH61-06-D-00037 Integrated Bridge Project Delivery and Life Cycle Management, 2010
- FHWA/NHI Inspection and Maintenance of Ancillary Highway Structures, 2012 ([redacted]
- FHWA/NHI Fracture Critical Techniques for Steel Bridges, 2013 [redacted]
- FHWA/NHI Bridge Safety Inspection Refresher, 201[redacted]
- ODOT AASHTOWare BrDR Seminar and Training, 2015
- FHWA/NHI Tunnel Safety Inspection, 2016[redacted]
- FHWA/NHI Fundamentals of LRFR and Applications of LRFR for Bridge Superstructures, 2016 [redacted]

AFFILIATIONS

- American Council of Engineering Consultants (ACEC) - Director for Joint Transportation Committee
- West Virginia Chamber of Commerce
- West Virginians for Better Transportation

WILLIAM STENGER, REM, CES, CRS

GEOTECHNICAL SERVICES

HIGHLIGHTED EXPERIENCE

- Over 30 years of experience in the Geosciences field

YEARS OF EXPERIENCE: 33

EDUCATION

- BS, Environmental Science, Almeda University, 2006

AFFILIATIONS

- Water Environment Federation
- Environmental Assessment Association
- Pennsylvania Association of Environmental Professionals
- Environmental and Engineering Geophysical Society
- National Ground Water Association
- National Registry of Environmental Professionals

REGISTRATIONS / CERTIFICATIONS

- Registered Environmental Manager
- Certified Environmental Specialist, No. [redacted], 1997
- Certified Remediation Specialist, No. [redacted] 1997
- OSHA Hazardous Waste Site Supervisor
- OSHA 40 Hour Hazardous Waste Operations & Emergency Response Training
- OSHA Confined Space Entry & Rescue
- DOT / IATA Certified
- Nuclear Safety Officer - NRC Certified
- Licensed Nuclear Density Gauge Operator
- Underground Mine Safety 40 Hour - MSHA Certified
- Field Soil Investigator - ENSYS Certified
- Health and Safety Officer Training - LRK Certified
- Automated External Defibrillation - AHA Certified

Bill has a wide range of experience involving environmental sciences, geophysics, and stockpile inventory services. His years of practice in project management and field supervision of a vast number of environmental and bulk materials storage projects includes planning and oversight of stockpile inventories and audits, permitting, strategic development and implementation of multi-phase environmental investigations and audits, administration and performance of Phase I, II, and III environmental assessments, waste management planning and implementation, and performance of environmental impact studies as well as extensive organization, implementation, and oversight of field sampling programs for soil, aqueous, and gaseous matrices.

Bill has vast experience with hazardous waste and residual waste remediation projects, implementing technologies such as air sparging, oil/water separation, soil vapor extraction, pump and treat systems, excavation, and incineration, thermal desorption and bioremediation. He also has experience in under and aboveground storage tank removals and installations and inspections including project management, implementation, and report compilation. He also has significant experience in the performance and management of stockpile inventory services and stockpile administration, utilizing various technologies including nuclear depth-density testing, bulk density testing, continuous auger sample tube testing, photogrammetry, terrestrial scanning, etc. He has considerable experience in utility location and non-intrusive subsurface investigations, utilizing equipment such as the RD400 Radiodetection Unit, Geonics Ground Penetrating Radar Unit, Scribntrex Magnetometer, and EM-31 Electro-Magnetometer. He has also used and directed the use of air-knife and hydro-excavation soft-dig technologies.

Bill also serves as the Corporate Radiation Safety Officer and is responsible for liaison activities between CDI / L.R. Kimball and the US Nuclear regulatory Commission, as well as arranging reciprocity with applicable State Nuclear Regulatory Agencies.

While previously serving as a Corporate Health and Safety Officer, Bill gained extensive experience in the organization and application of health & safety and training programs including MSDS programs, field certification tracking, toxicology, industrial hygiene, site specific health and safety plans, NRC compliance programs, and medical monitoring programs.

Bill is also experienced in specification writing, cost estimating, and the preparation of decision documents, feasibility studies, emergency response plans, and spill prevention plans. He has also prepared numerous permit applications and planning modules such as Surface Mining Permit Applications, NPDES and Industrial Planning Modules, Highway Occupancy Permits, Coal Refuse Disposal Permits, and Air Quality and Regulatory Compliance Permits.

A select list of Bill's relevant projects includes:

Stockpile Inventory Services, FirstEnergy, OH, PA, and WV

Bedford Springs Hotel and Golf Course - Renovations, Bedford, PA

Cambria Iron Works - Rosedale Tract Phase I & II ESA, Johnstown Redevelopment Authority, Johnstown, PA.

- Project involved a multi-matrix site characterization of a 15-acre parcel at a former steel manufacturing facility.

GEORGE KOPCHIK, PMP, PS, SP, PLS

GEOSPATIAL SERVICES

HIGHLIGHTED EXPERIENCE

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

YEARS OF EXPERIENCE: 34

EDUCATION

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

REGISTRATIONS / CERTIFICATIONS

- NC, Professional Land Surveyor, 1999,
- SC, Professional Land Surveyor, 2003,
- VA, Surveyor, 2010
- Photogrammetrist
- Certified Project Management Professional (PMP)[redacted], 4/10/18

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 31 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 CDI / L.R. Kimball, Mr. Kopchik has gained valuable knowledge in all phases of surveying, photogrammetic 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.

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:

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 General Services, Various, PA

- New Headquarters Facility, P&S/Garage and Crime Lab, Erie Headquarters, Summit Twp., Erie County, PA

PA Department of Environmental Protection

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

Fairmont Regional Airport, Fairmont, WV

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

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

SURVEY PARTY CHIEF

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, Mr. Landgrebe has gained valuable knowledge in various phases of surveying relating to architectural, civil design, photogrammetric mapping, stockpile volumes, and GIS projects.

Steve's relevant project experience includes:

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

PA Department of General Services, Various, PA

- New Headquarters Facility, P&S/Garage and Crime Lab, Erie Headquarters, Summit Twp., Erie County, PA

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.

HIGHLIGHTED EXPERIENCE:

- Steve's experience involves a variety of project types including ....

YEARS OF EXPERIENCE: 31

EDUCATION:

- Associate in Science, Surveying, Paul Smith's College of Art, 1987

REGISTRATIONS / CERTIFICATIONS:

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

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TRC
Results you can rely on

Todd A. Griffith
Office Practice Leader,
Geotechnical Engineering

How will your expertise be utilized for the West Virginia Division of Natural Resources

Over the course of my career, I used my thorough and expert knowledge working in conjunction with multi-disciplined professionals to develop geotechnical engineering solutions for a variety of projects.

I have worked hard over my 12 years to develop and provide clients with creative and cost effective solutions to geotechnical engineering problems.

Examples include geotechnical design and construction oversite for the Parkersburg Riverfront Park While at the US Army Corps of Engineers, various highway and bridge projects for the West Virginia Department of Transportation, as well as geotechnical design for site development within the oil and gas industry.

Todd Griffith possesses over 12 years of geotechnical engineering experience working with public agencies such as WVDOH and USACE, working on projects involving site and subsurface investigations, design and construction of new or modified bridge foundations, cut slope analysis and design, fill slope analysis and design, the evaluation and design of earth retainage structures (i.e., earthen dams, MSE walls, reinforced soil slopes), laboratory testing, and stream bank erosion mitigation. He is responsible for leading the local geotechnical engineering team in the Charleston, West Virginia office as well as being responsible for managing geotechnical projects for which he plans and develops field explorations and laboratory testing programs, as well as the preparation of project reports, proposals, and cost estimates. Mr. Griffith has performed engineering analyses for a variety of projects in West Virginia, Ohio, Kentucky, Pennsylvania, Maryland and Virginia.

CREDENTIALS

Education

- M.S., Civil Engineering, Geotechnical Specialization, Virginia Tech, 2005
- B.S., Civil Engineering, West Virginia University, 2004

Professional Registrations/Certifications/Training:

- Professional Engineer, West Virginia [redacted]
- Professional Engineer, Pennsylvania [redacted]
- Professional Engineer, Kentucky [redacted]
- Professional Engineer, Maryland [redacted]
- Professional Engineer, Ohio [redacted]
- OSHA 30-Hour Occupational Safety and Health Training

EXPERIENCE

Professional Summary:

- 12 years of Geotechnical project experience.
- Experience with West Virginia DOT and US Army Corps of Engineers.

Areas of Expertise:

- deep and shallow foundation engineering studies and design recommendations
- slope stability investigations
- design of wick drains for soil and site improvement
- reinforced soil slope design
- geotechnical aspects of highway design

PROJECT EXPERIENCE

US Route 35 Public Private Partnership – Brooke County, WV (Lead Geotechnical Engineer)

Project Manager and lead geotechnical engineer for the design-build team for the final section of US Route 35 for the West Virginia Department of Highways. Developed and oversaw the subsurface investigation for the 14.7 mile section of highway, including two bridges. Design work included cut slope design in marginal rock and soil, fill slope design, reinforced soil slope abutment design, and foundation design for the bridges. Engineering during construction included observation of subgrade for large diameter pipes, observing soil and rock material for usefulness in reinforced soil slope designs, and coming up with solutions to obstructions in geogrid layout for the reinforced soil slope abutments

Natural Gas Power Plant – Brooke County, WV (Project Manager)
Project manager and lead geotechnical engineer for the subsurface investigation and development of geotechnical recommendations for the proposed natural gas power plant. The development included analysis of foundation types based on the subsurface profile which included up to 200 feet of existing fill placed by contractors for the WVDOH during construction of a nearby highway. Additional challenges included concurrent environmental and geotechnical sampling, mining and mine spoil from the nearby Pittsburgh coal seam, and potential settlement of existing and proposed new structural fill.

Tri-State Airport Access Road/MALSR Road Slope Repai Projects – Wayne County, WV (Project Manager)
Project geotechnical engineer for the project; provided engineering analysis and recommendations during both the design and construction phase of both landslide projects at the Huntington Tri-State Airport. Landslides had threatened the stability of the main access road for the Huntington Tri-State Airport and had encroached on the MALSR road. Mr. Griffith developed and oversaw the execution of the subsurface investigations, developed slope remediation/retaining wall recommendations, and provided assistance to the client during retaining construction plan development. Mr. Griffith provided engineering during construction for both projects, which were constructed in late 2015

RUCHIK VYAS, AIA, PMP, LEED AP BD+C

PROJECT MANAGER

Ruchik brings nearly 35 years of experience including the evaluation of facilities, design, preparation of construction documents, building material estimating, shop drawing approval, coordination among all trades and consultants, and construction administration activities.

Ruchik has extensive experience in a wide range of project types including commercial, correctional, judicial, public safety, and educational facilities. His experience includes projects involving new construction as well as projects involving additions and renovations of existing facilities and retrofit and adaptive reuse projects.

Ruchik's relevant project experience includes:

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
- 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, Backup Traffic Operations, Harrisburg, PA

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

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

Kovalchick Convention and Athletic Complex, Indiana University of Pennsylvania, Indiana, PA

Hyatt Hotel at the Pittsburgh International Airport, Pittsburgh, PA

Blair County Convention Center, Altoona, PA

New Convocation Center, Mount Aloysius College, Cresson, PA

Ebensburg Tennis Center, Ebensburg, PA

Memorial Building Feasibility Study, Cambria Heights School District, Patton, PA

Design Services for Football Field and Tennis Courts, Huntingdon Area School District, Huntingdon, PA

Expansion of Equipment Storage Building, Johnstown Cambria County Airport Authority, Johnstown, PA

HIGHLIGHTED EXPERIENCE

- Ruchik's recent experience includes a variety of project types including various task orders for state agencies

YEARS OF EXPERIENCE: 34

EDUCATION

- Bachelor of Architecture, The Baroda University (India), 1983

REGISTRATIONS / CERTIFICATIONS

- Registered Architect in NY, OH, PA, CT, NJ, and VA
- LEED Accredited Professional
- Project Management Professional
- NCARB Certified

AFFILIATIONS

- American Institute of Architects
- Project Management Institute

ANDREW KORDISH, AIA, CDT

PROJECT ARCHITECT

Andy brings 30 years of experience in architectural design, production, and construction documentation of buildings for a variety of project types. His recent experience includes office buildings, recreation facilities, and support buildings. Andy utilizes AutoCAD and Revit software for the drafting and production of architectural drawings. He is also a Construction Documents Technologist and has extensive experience writing architectural specifications.

Andy's relevant project experience includes:

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

- New Kegg Maintenance Facility, Manns Choice, PA

PA Department of General Services, Various, PA

- New Headquarters Facility, P&S/Garage and Crime Lab, Erie Headquarters, Summit Twp., Erie County, PA

Logan Township Board of Supervisors, Altoona, PA

- Logan Township Municipal Building

Sheetz, Inc., New Corporate Headquarters, Claysburg, PA

Blair County Convention Center, Altoona, PA

Kovalchick Convention and Athletic Complex, Indiana University of Pennsylvania, Indiana, PA

New Convocation Center, Mount Aloysius College, Cresson, PA

West Virginia University, Health Sciences Center Renovation/ Addition, Morgantown, WV

Department of Veterans Affairs, Various Projects across PA, MD, and WV, including Electrical Upgrades at the Louis A Johnson VA Medical Center in Clarksburg, WV*

State College Water Authority, Nixon-Kocher New Treatment Plant, Gwin Dobson & Foreman, State College, PA

Expansion of Equipment Storage Building, Johnstown Cambria County Airport Authority, Johnstown, PA

219 West High Street, Conversion of Existing Building into a Training Facility, Ebensburg, PA

Public Safety Training Academy Class A Burn Building, Westmoreland County Community College, Smithton, PA

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

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

HIGHLIGHTED EXPERIENCE

- Andy's recent experience includes a variety of project types including work in WV, experience with state agencies.

YEARS OF EXPERIENCE: 30

EDUCATION

- Associate, Architectural Engineering Technology, The Pennsylvania State University, 1988

REGISTRATIONS / CERTIFICATIONS

- Maryland, Registered Architect, 2010
- Construction Documents Technologist, 2012

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THOMAS HARRISON

SR. BUILDING DESIGNER

HIGHLIGHTED EXPERIENCE

- Tom's recent experience includes a variety of project types including work in WV, experience with state agencies, and recreational type facilities.

YEARS OF EXPERIENCE: 30

EDUCATION

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

Tom brings 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 correctional, public safety, judicial, municipal, educational, commercial, residential, and recreational facilities. These project types encompass both new construction and renovations.

Tom'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
- Design services for the staff memorial at the entrance plaza of the Central Administration Building, Harrisburg, PA
- Bowmansville Maintenance Feasibility Study, Bowmansville, PA
- 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, Backup Traffic Operations, Harrisburg, PA

Fairfield County Engineer's Facility, Lancaster, OH

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

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

Frederick County Courthouse Renovations/Additions, Frederick, MD

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

Mount Aloysius College, Cresson, PA

- **Misciagna Residence Hall**
- **Cosgrave Center Expansion/Renovation**
- **Renovation of Portion of Existing Library Building into a New Technology Classroom/ Distance Learning Center**
- **Renovations/Additions to Alumni Hall/Theatre**
- **Convocation Center**

DEAN HELSEL
INTERIOR DESIGNER

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

YEARS OF EXPERIENCE: 31

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

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.

Dean's relevant project experience includes:

Cabell County Commissioners, Huntington, WV
- Cabell County Emergency Services Center

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

Allegheny County Sanitary Authority, Operations and Maintenance Facility, Pittsburgh, PA

Evolution Sports Science Sudbury LLC, D. J. Bosse Fitness Center, Sudbury, MA

New Convocation Center, Mount Aloysius College, Cresson, PA

The Greater Johnstown Technology Park Master Plan, Johnstown, PA

Sheetz, Inc.
- Design Services for Multiple Stores, including Parkersburg, WV
- New Corporate Headquarters and Operations Center, Claysburg, PA

Williamsport Bureau of Transportation, McDade Trade and Transit Intermodal Centre, Williamsport, PA

Schlow Memorial Library Feasibility Study, State College, PA

Hyatt Hotel at the Pittsburgh International Airport, Pittsburgh, PA

Blair County Convention Center, Altoona, PA

New Municipal Building, State College, PA

The Rosswell Group, Conceptual Master Plan for a 275-Acre Residential Development Site, Richland Township, PA

CAMERON MOCK, PE

WATER/WASTEWATER ENGINEER

Cameron is a Civil Engineer with over 40 years of experience on a variety of project types. His expertise includes water/wastewater and land development projects including water systems, sewerage systems, site development, stormwater management, hydrology, hydraulics, and complicated updates to water treatment plants and sanitary sewer systems. Additional experience includes highway design, earth sciences, erosion and sedimentation control, mine permitting, mine waste disposal facilities design and permitting, municipal engineering, engineering surveying, construction inspection, and construction contract management.

Cameron's relevant project experience includes:

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

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

United States Gypsum Corporation, Washingtinville, PA
- Synthetic Gypsum Auxiliary Storage Shed

Indiana County Board of Commissioners, Indiana, PA
- Hoodlebug Trail Extension Consulting Services

Jefferson County Board of Commissioners, Jefferson County, PA
- Parks Master Plan Study Contract Agreement, Cloe Lake Project

City of Pittsburgh, Pittsburgh, PA
- North Shore of the Ohio River Trail

Borough of Franklin, Cambria County, PA
- Engineer of Record
- Sanitary Sewer Improvement Project

Upper Stonycreek Joint Municipal Authority, Somerset County, PA
- Sanitary Sewer System Improvements Project
- Sewage Treatment Plant Upgrade and Expansion

Cambria Township Sewer Authority, Cambria County, PA
- Colver Wastewater Treatment Plant Upgrade
- Sanitary Sewer System Improvements Projects

Municipal Authority of the Borough of Ebensburg, Cambria County, PA
- Sanitary Sewerage Projects
- Water System Improvement Project

City of Bethlehem, Northampton County, PA
- Bethlehem CSO-012 Relocation

Johnstown Redevelopment Authority, Johnstown, PA
- Interceptor Evaluation

City of Johnstown, Johnstown, PA
- Sanitary Sewer Evaluation

HIGHLIGHTED EXPERIENCE

- Cameron specializes in water/wastewater, stormwater management and land development projects.

YEARS OF EXPERIENCE: 41

EDUCATION

- BS, Civil Engineering Technology, University of Pittsburgh at Johnstown, 1977

REGISTRATIONS / CERTIFICATIONS

- **WV, Professional Engineer, 1985**
- Registered Professional Engineer in 6 Additional States

AFFILIATIONS

- American Society of Civil Engineers
- National Society of Professional Engineers
- Pennsylvania Society of Professional Engineers
- American Society of Highway Engineers
- American Water Works Association

DAVID MINNEAR, PE

WATER RESOURCES ENGINEER

Dave has over 40 years of experience as a Senior Project Manager for CDI / L.R. Kimball. He specializes in solid waste and water resources projects for the Division, with recent emphasis on modifications to existing power plants, as well as the site development of new electric generation facilities. He has worked on a wide variety of projects including dam design and assessment, reclamation of abandoned mine lands, and municipal landfill and coal refuse disposal design and planning. Dave is responsible for providing technical support and quality assurance to various on-going civil design projects.

Dave's certifications include an OSHA 40 Hour Hazardous Waste Operations & Emergency Response Training, Confined Space Training. Dave is also a Senior Certified Recycling Professional

Dave's relevant project experience includes:

Allegheny Energy Supply, Monongalia County, WV
- Flyash Disposal Facility
- Hydrogeologic Investigation of Flyash Disposal Facility
- Modifications to an Existing Flyash Disposal Facility, Harrison County
- Modifications to an Existing Flyash Disposal Facility, Preston County

Pittston Coal Group, KY, VA, & WV
- Annual Dam Inspections

City of Huntington, Huntington, WV
- Solid Waste Collection Assessment

United States Gypsum Corporation, Washingtinville, PA
- Synthetic Gypsum Auxiliary Storage Shed

PA Department of General Services, Indiana, PA
- IUP E&E Studies for Kovalchick Site

Cambria Somerset Authority, Cambria County, PA
- Engineering Consultant

Schuylkill County Conservation District, Schuylkill County, PA
- Upper and Little Schuylkill River Water Quality Assessments

Northumberland County Planning Commission, Northumberland County, PA
- Shamokin Creek Watershed Assessment

Whitetail Resort c/o Realty Skiing Development, Inc., Mercersburg, PA
- Whitetail Ski Resort Water Supply Reservoir

Blacklick Creek Watershed Association, Indiana County, PA
- Yellow Creek Watershed

New Jersey Department of Environmental Protection, Newark, NJ
- Ottilio Landfill Remediation Services

Competitive Power Venture, Inc., Vinco, PA
- Fairview Power Plant - Multiple Task Orders to Support Waterline Construction, General Engineering Services

HIGHLIGHTED EXPERIENCE

- Dave specializes in water resources and solid waste projects. Experience working within WV.

YEARS OF EXPERIENCE: 40

EDUCATION

- BS, Civil Engineering, The Pennsylvania State University, 1978

REGISTRATIONS / CERTIFICATIONS

- **WV, Professional Engineer, 1985**
- Registered Professional Engineer in 6 Additional States

AFFILIATIONS

- Cambria County Solid Waste Management Authority
- Association of State Dam Safety Officials
- National Society of Professional Engineers
- Pennsylvania Society of Professional Engineers
- Professional Recyclers of Pennsylvania

HONORS

- 2001 Governor's Award for Watershed Stewardship for the Upper Schuylkill River Project

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THOMAS GRAY, PE

CIVIL ENGINEER

Tom has over 35 years of experience as a Civil Engineer on a variety of projects including commercial, residential, and recreational site development projects, hydraulic analyses of waterways for developments, bridges, and flood protection projects, and municipal engineering focused on sanitary sewers.

Tom'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

Indiana County Office of Planning & Development, Indiana, PA
- Indiana County Regional Trail Connectivity Study

Cambria County Conservation Authority, Cambria County, PA
- Path of the Flood Trail Links Feasibility Study

Cambria County Conservation and Recreation Authority, Ebensburg, PA
- Urban Connectivity Plan

Ebensburg Borough, Ebensburg, PA
- Water System Upgrade Project
- Drought Contingency Plan

Competitive Power Venture, Inc., Vinco, PA
- Fairview Power Plant - Multiple Task Orders to Support Waterline Construction, General Engineering Services

Johnstown Redevelopment Authority, Johnstown, PA
- Interceptor Rehabilitation
- Sell Street Interceptor Upgrades
- Southmont Boulevard Interceptor Upgrades
- Ohio Street Interceptor Upgrades
- Grass Avenue Interceptor Upgrades
- Maple Avenue Interceptor Upgrades

City of Johnstown, Johnstown, PA
- Sanitary Sewer Evaluation

Borough of Franklin, Cambria County, PA
- Sanitary Sewer Project

City of Williamsport, Williamsport, PA
- Trade & Transit Centre - Phase II
- William Street Redevelopment
- Destination 2014
- Brodart Remediation and Demolition Project

Sunbury Generation, LP, Snyder County, PA
- KOEZ Master Plan
- Generating Station Demolition Plan

HIGHLIGHTED EXPERIENCE

- Tom's recent experience includes a variety of project types include maintenance facilities and experience with public agencies.

YEARS OF EXPERIENCE: 36

EDUCATION

- BS, Civil Engineering, University of Pittsburgh at Johnstown, 1982

REGISTRATIONS / CERTIFICATIONS

- PA, Professional Engineer, 1986
- Sewage Enforcement Officer, 1986

AFFILIATIONS

- American Society of Highway Engineers

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.

YEARS OF EXPERIENCE: 24

EDUCATION

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

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

GREGORY SCHROCK, PE, CPESC, CP-SWPPP

SR. CIVIL ENGINEER

Greg has 24 years serving as a Civil Engineer and Project Manager for CDI / 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.

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 Turnpike Commission, Open-End Contract for A&E Services, Various, PA
- New Kegg Maintenance Facility, Manns Choice, PA
- Bowmansville Maintenance Feasibility Study, Bowmansville, PA

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

Allegheny County Department of Public Works, Allehgeny County, PA
- Hemlock County Wedding Pavilion

Robert Kipp & Associates, Fayette County, PA
- Henry Clay Township Community Park Master Plan

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 WRIGHT, PE

CIVIL ENGINEER

George has nearly 20 years of experience as a Civil Engineer on a variety of projects. He has experience with hydraulics and hydrologic calculations, construction inspection, technical specification writing, remedial design, remedial investigation, and environmental site assessments. He has field experience with soil sampling, groundwater monitoring, and installation quality assurance of geosynthetic components, leachate collection systems, and gas collection systems.

George's relevant project experience includes:

PA Turnpike Commission, Open-End Contract for A&E Services, Various, PA
- New Kegg Maintenance Facility, Manns Choice, PA

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

Logan Township Board of Supervisors, Altoona, PA
- Logan Township Municipal Building

United States Gypsum Corporation, Washingtinville, PA
- Synthetic Gypsum Auxiliary Storage Shed

Cambria County Conservation and Recreation Authority, Ebensburg, PA
- Urban Connectivity Plan

City of Huntington, Huntington, WV
- Dietz Hollow Sanitary Landfill
- Dietz Hollow Pond
- Dietz Hollow Landfill Closure

Kanawha County Solid Waste Authority, Kanawha County, WV
- Recycling Feasibility Study

New Jersey Department of Environmental Protection, Jersey City, NJ
- Freshwater Wetland Project at Liberty State Park
- Ottilio Remediation Services
- Ottilio Landfill Design Services
- Environmental Remediation for South Brunswick

Ebensburg Borough, Ebensburg, PA
- Annual Dam Inspections
- Industrial Park Sewers
- Water Allocation Permit
- Emergency Action Plan

Gallitzin Borough Water Authority, Johnstown, PA
- Generator Installation Engineering Support
- Small Water and Sewer Grant Program Application
- Pond #4
- SCADA System Upgrades
- Gallitzin WTP Clarifier & Filter Rehabilitation Evaluation

HIGHLIGHTED EXPERIENCE

- George specializes in water resource management, including permitting, repair design, safety inspections, and Emergency Action Plan preparation for High Hazard dams.
- George's recent relevant experience includes projects in WV.

YEARS OF EXPERIENCE: 19

EDUCATION

- BS, GeoEnvironmental Engineering, Minor, Geosciences, The Pennsylvania State University, 1999

REGISTRATIONS / CERTIFICATIONS

- **PA, Professional Engineer, 2007**
- OSHA 40 Hour Hazardous Waste Operations & Emergency Response Training
- Hazardous Materials 8 Hour General Site Worker Refresher Training

AFFILIATIONS

- Association of State Dam Safety Officials

HIGHLIGHTED EXPERIENCE

- David specializes are our resident Landscape Architect.

YEARS OF EXPERIENCE: 40

EDUCATION

- BA, Landscape Architecture, West Virginia University, 1978

REGISTRATIONS / CERTIFICATIONS

- **Pennsylvania, Landscape Architect, 1997**
- **New Jersey, Landscape Architect, 2015**

AFFILIATIONS

- American Society of Landscape Architects
- Open Committee on Computing, American Society of Landscape Architects
- Green Building Alliance, Laurel Highlands Group
- Board of Directors, Natural Diversity

DAVID PETROSKY, RLA, ASLA

LANDSCAPE ARCHITECT

David has over 40 years of design experience on a variety of projects. He participates in all aspects of the site design procedure including client relations, marketing and proposals, meetings, project scheduling, layout and design, construction details, cost estimates, specifications, bidding, contract administration, and inspection. He has assisted in site assessments, completed conceptual and preliminary plans, and produced final site and landscape plans. He is also very familiar with ADA requirements.

David received a copyright for a landscape program, EZ-Plant™. He devised this software for the industry and currently uses it for his projects. The program consists of databases of plants, symbols, and schedules and adds the plant quantities shown on the landscape plan. The software then tallies the total to produce final costs that greatly increases productivity through AutoCAD. He updated and revised the program in 2007 to work with an Excel spreadsheet database and in 2009 to include native and adaptive plants for the sustainable site initiative.

David's relevant project experience includes:

ORX Railway Corporation, Tipton, PA
- Business and Manufacturing Addition

Logan Township Board of Supervisors, Altoona, PA
- Logan Township Municipal Building

Ebensburg Municipal Authority, Ebensburg, PA
- Community Center Development Plans

Indiana County Board of Commissioners, Indiana, PA
- Hoodlebug Trail Extension Consulting Services

Indiana County Office of Planning & Development, Indiana, PA
- Indiana County Regional Trail Connectivity Study

Jefferson County Board of Commissioners, Jefferson County, PA
- Parks Master Plan Study Contract Agreement, Cloe Lake Project

Robert Kipp & Associates, Fayette County, PA
- Henry Clay Township Community Park Master Plan

White Township Municipal Authority, Indiana, PA
- White Township Recreation Complex

Carnegie Mellon University, Pittsburgh, PA
- Junction Hollow Athletic Fields Feasibility Study

Cambria County Conservation Authority, Cambria County, PA
- Path of the Flood Trail Links Feasibility Study

Big River Development/Hammel Companies, Inc., Pittsburgh, PA
- Armstrong Cork Factory Trail Extension and River Bulkhead Replacement

City of Pittsburgh, Pittsburgh, PA
- North Shore of the Ohio River Trail

Michael J. Ross RLA ASLA

How will your expertise be utilized for the West Virginia Division of Natural Resources projects?

Having over 20 years of experience within the profession of Landscape Architecture has provided me with a background that is broad and diverse in nature which allows me to adapt to a variety of projects, perform various tasks, and has given me the ability to confidently address unknown and/or unforeseen challenges that may arise during the design phase of any project.

I strongly believe that the discipline of Landscape Architecture can play an important role and be an important component in any project, as the pure nature of the profession promotes collaboration between professionals and interacts with all aspects of the design process in some form or another and thereby compliments the other disciplines and talents and what they contribute to the project, as a whole, for our clients.

The inherent interaction and collaboration between other disciplines and talents over the years has provided me with strong collaboration and communications skills that allows me to work well with others and effectively contribute to team efforts whenever asked.

Mr. Ross has more than 23 years of experience in the profession of Landscape Architecture. His background is diversified, encompassing the wide variety of responsibilities incorporated into this field. He has a working knowledge and understanding of land development and construction document production. This primary focus involves a range of responsibilities including but not limited to:

- Site analysis, field scoping views, and formal survey requests
- Due Diligence Reports
- Conceptual Design and Exhibit Presentations with Client.
- Prime and/or Sub-consultant interaction
- Initial utility coordination
- Preliminary/Pre-Final coordination and design of Land Development Plan Sets
- Production of Specification Packages
- Project quantities and cost estimates
- Final project coordination and design of Land Development and Construction Document Plan Sets
- All aspects of Permitting Approvals including: E&S/NPDES, HOP, PHMC, Zoning, Planning, and SALDO
- Upfront Bid Document preparation
- Review and Approval of contractor submittals.
- Site inspection and final approval.

CREDENTIALS

Education

- B.S., Landscape Architecture, The Pennsylvania State Univ., University Park, PA, 1995

Professional Registrations/Certifications/Training:

- Registered Landscape Architect License No. [redacted]

EXPERIENCE

Professional Summary:

- Over 23 years

Areas of Expertise:

- All aspects of the Land Development Submission process
- LEED Certified project design
- Master planning
- Estate planning
- Streetscaping
- Hardscape and Planting design/implementation
- Phased planning/design
- Design/build implementation and processes
- Estimating project quantities and costs relating to construction materials and labor
- Project management and coordination with general and/or subcontractors throughout the construction process
- Final project completion, site inspections and approval

PROJECT EXPERIENCE

SOLAR PROJECTS, Various locations throughout the Northeast and Mid-Atlantic states
Landscape Architect responsible for the overall coordination and implementation of appropriate design elements for Land Development Submission and Approval Processes on solar fields throughout the New England and Mid-Atlantic States. Responsibilities include preparation of Landscaping Plans, Planting Schedules, Planting Details, various BMPs, Seeding Mixes, and Notes.

Shieldalloy Metallurgical Corporation, Site Restoration, Burlington/Gloucester Counties, NJ - Project Landscape Architect in the overall coordination and design for site remediation and exit strategy efforts of a 19-acre contaminated site. Tasks included coordination with environmental and engineering design teams. Recommending the implementation of specific BMPs. Generating Landscape Plans, appropriate Details, Planting Schedules, and Landscaping Notes for NJ DEP permit approval.

Eight Point Wind Turbine Farm, Steuben County, NY - Panel member participant for a Visual Impact Assessment of a Wind Energy Center located in southcentral New York State. Tasks included strong coordination efforts with Project Management and strong participation efforts in the visualization assessment and rating system required by the NY State **Article 10 Permitting Approval Process.**

Boston Harborwalk/K Street Pedestrian Trail Connector, The City of Boston, MA - Project Landscape Architect responsible for the conceptual design and layout for a trail connector project within the Boston Harborwalk pedestrian trail system. Tasks included overall coordination and implementation of the conceptual design and Site Plan layout, Client interaction and strong coordination efforts with Project Management throughout the design process. Generating a Plan Set with Site Renderings and Visualizations, Details, Section Elevations, and Notes to satisfy the Permitting Approval Process with the MASS DEP.

LeTort Regional Authority Trail and Urban Greenway Feasibility Study, Cumberland County, PA - Project Landscape Architect assisting in the overall coordination, design, and layout of a trail and urban greenway system within four local municipalities in Cumberland County that would stem from the internationally famous trout stream- The LeTort Spring Run. Tasks included coordination with local and state government agencies including PENNDOT, The Pennsylvania Turnpike Commission, Cumberland County Planning Commission, DEP, and DCNR. Participation in numerous public meetings and presentations. Generating Study Maps, Section Elevations, Details and Cost Estimates to submit to the LeTort Regional Authority.

Gettysburg College Athletic Facility, Adams County, PA - Project Landscape Architect in the overall coordination and design of a newly renovated and LEED Accredited Athletic Facility. Tasks included coordination with college officials and complete design team. Generating Landscape Plans and hardscape details for Land Development approval. Generating Construction Document plans for submittal and bidding purposes.

Hick's Run Elk Viewing Site, Cameron County, PA- Project manager/designer in the overall coordination and design of one in a series of elk/wildlife viewing sites that were incorporated into the overall Pennsylvania Wilds Program.

Pine Creek Rail Trail Phase IV, Tioga County, PA - Project manager/designer in the overall coordination and design of the final phase of a 57.8-mile rail trail. The trail runs through the Pennsylvania Grand Canyon and is rated by USA TODAY as one of the top 10 places to take a bike tour.

Chester Valley Trail Extension, Montgomery County, PA - Project landscape designer working with a team of bicycle/pedestrian experts designing 8 miles of bikeway through traffic-congested communities within the county.

TAMMY SHERWIN

ENVIRONMENTAL PROJECT MANAGER

Tammy has nearly 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.

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

PA Department of General Services, Various, PA
- New Headquarters Facility, P&S/Garage and Crime Lab, Erie Headquarters, Summit Twp., Erie County, PA

Big River Development/Hammel Companies, Inc., Pittsburgh, PA
- Armstrong Cork Factory Trail Extension and River Bulkhead Replacement

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
- Shopes 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

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

YEARS OF EXPERIENCE: 24

EDUCATION

- BS, Biology Indiana University of Pennsylvania, 1993

REGISTRATIONS / CERTIFICATIONS

AFFILIATIONS

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

Tracy L. Engle
Office Practice Leader, Ecological Services

How will your expertise be utilized for On-Call Environmental Consulting?

For over 22 years, I have gained experience working in conjunction with multi-disciplined professionals to solve complex environmental projects. As a project manager, I strive to pull together the proper personnel provide clients cost effective solutions to meet their project needs.

I have a thorough understanding of the environmental permitting process and I have the practical experience necessary to strategically guide the project implementation and decision making process needed to achieve project goals.

My commitment to conservation issues and professional understanding of business and infrastructure needs has led to my election to the Board of Trustees of the Ohio Academy of Science and appointment to the Geauga County Planning Commission, the Auburn Township Zoning Commission and the Board of Trustees of Grand River Partners, Inc.

I work hard to develop creative, non-traditional solutions to problems, utilizing my experience I am able to anticipate conflicts and implement an effective plan to assure project success.

Tracy Engle is a Professional Wetland Scientist as certified by the Society of Wetland Scientists. He is experienced in all aspects of NEPA project development and management. Mr. Engle managed NEPA projects, which have followed FHWA/ODOT, FTA, FAA, FRA, USCG, USACE, USDOE, USDA, and HUD processes. Through his background as a field biologist, Mr. Engle has extensive involvement in wetland identification and delineation, stream assessment and habitat evaluation, wildlife habitat assessment, ecological surveys, habitat restoration, and permitting. He has extensive experience managing and conducting the full range of social, economic, and environmental investigations required for NEPA documentation, as well as preparing various levels of NEPA documents as required for the specific projects. He has managed and/or conducted required investigations for projects in OH, ME, MI, NY, NJ, WV, PA, WY, TX, NE, and FL.

CREDENTIALS

Education

- M.S., Biology, John Carroll University, Cleveland, Ohio, 2003
- B.S., Natural Resource Management, The Ohio State Univ., Columbus, Ohio, 1994

Professional Registrations/Certifications/Training:

- Professional Wetland Scientist (PWS)
- ODOT Ecological Survey and Waterway Permits Training, October 2014
- ODOT Managing the Environmental Process Training, February 2012
- ODOT Section 4(f) and 6(f) Training, March 2012

Awards/Publications:

- Engle, T.L. 2011. Rare, Threatened and Endangered Species: An Oil and Gas Perspective. Presented at Ohio Oil and Gas Association's Environmental Seminar.
- Engle, T.L., and J.R. Johansen. 2002. Does a Correlation between the Floristic Quality Index and Coefficients of Wetness Exist? Ohio Academy of Science Conference.
- Sherman, D.E., R.W. Kroll, and T. L. Engle. Flora of a diked and an Undiked south western Lake Erie Wetland. Ohio Journal of Science. Honored as Paper of the Year.

EXPERIENCE

Professional Summary:

- 25 years ecological and environmental project experience.
- NEPA project development experience following FHWA/ODOT/WVDOH, FTA, FAA, FRA, USCG, USACE, USDOE, USDA, and HUD environmental processes.
- Experience West Virginia, Ohio, Maine, Michigan, New York, New Jersey, Pennsylvania, Wyoming, Texas, Nebraska, and Florida.

Areas of Expertise:

- National Environmental Policy Act (NEPA) Project Development
- Section 404/401 Permitting
- Wetland and Terrestrial Ecology
- Environmental and Transportation Planning
- Waters of the US Training

PROJECT EXPERIENCE

Middleway Bridge Replacement NEPA Documentation, Berkeley and Jefferson Counties, WV (Ongoing) - Leading the preparation of NEPA documentation and associated studies for a replacement of the existing bridge carrying WV Route 51 over Opequon Creek approximately one mile north of the town of Middleway. The effort focuses on identifying the potential for no or minimal impacts to potentially significant environmental resources within a study area that encompasses an acreage of approximately 9.6 acres. The proposed project is anticipated to be cleared through a Categorical Exclusion (CE) document.

WV 10 Operational Improvements NEPA Documentation, Logan, Wyoming and Mercer Counties, WV (2018) - Led the completion of NEPA services associated with the design of operational improvements along 69 miles of WV. The project was completed

on an expedited schedule due to a planned roadway bond sale and was divided into five (5) construction contracts with each contract cleared as a standalone Categorical Exclusion (CE) document. Proposed impacts were deemed minimal throughout most of the project, except at proposed historic bridge replacement areas which are to be coordinated under the Section 4(f) historic bridge replacement programmatic agreement.

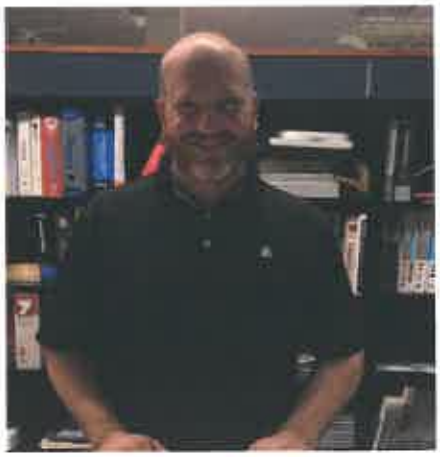
US Army Corps of Engineers, Great Lakes Restoration Initiative – IDIQ, Buffalo District (Program Manager and Project Manager) - Mr. Engle managed a $12 Million IDIQ contract for the US Army Corps of Engineers, Great Lakes Restoration Initiative. This five year task order contract included services for ecological restoration, environmental remediation, sediment management, sediment sampling, open-lake water quality sampling and flood risk reduction projects. Under this contract, he provided timely response to proposal requests and managed a diverse team of professionals to complete projects and meet project schedules. Mr. Engle and his team earned high performance ratings from the USACE for delivery of projects on-time and under budget.

Muskingum Watershed Conservancy District, Long-Term Dredge Management Plan – OH (Task Manager) - Served as task manager for development of Long Term Dredge Management Plan for MWCD's 16 reservoirs which were created for flood water retention. Due to long term siltation, the overall flood storage capacity of the lakes has been reduced. Team worked to develop a Long Term Dredge Management Plan which would serve as the overall program for dredging these reservoirs to restore flood capacity. In addition, leading the efforts to develop USACE and OEPA permit applications for the dredging and removal of up to 200,000 cubic yards of sediment from Tappan Lake, the first of the reservoirs in the system to undergo dredging through this program.

Northeast Ohio Regional Sewer District, West Creek Site Confluence Restoration – Independence, OH (Project Permitting Lead) - Project Permitting Lead responsible for regulatory agency coordination in association with the restoration of 1,000 lineal feet of the channelized West Creek and 5 acre of estuary wetland habitat at the confluence of the Cuyahoga River. For this effort, permitting and coordination was conducted with the U.S. Army Corps of Engineers, the Ohio EPA, and the U.S. Fish and Wildlife Service. The improvements create a variety of aquatic habitats which will increase the habitat diversity and dramatically increase the species diversity. This project was a Design-Build effort completed for the Northeast Ohio Regional Sewer District.

Ohio DNR, Edgewater Breakwater Repair – Cleveland, OH (Project Permitting Lead) - Project Permitting Lead for the Edgewater Marina Breakwater Reconstruction project with the ODNR. Due to storm damage created in 2012 as a result of Hurricane Sandy, the Edgewater Marina Breakwater suffered damage and as a result needed repaired. For this project a design is being undertaken to reconstruct the breakwater to pre-damage conditions during 2014 and will prepare design plans for further reconstruction in 2015. In addition, preparation of an US Army Corps of Engineering and ODNR Coastal Zone Permitting associated with the reconstruction of the Edgewater Marina is being completed in order to implement the 2014 construction activities.

Lake Metroparks, Pleasant Valley Park Floodplain Restoration Project – Willoughby Hills, OH (Project Permitting Lead) - Project Permitting Lead for restoration of a floodplain area and floodplain wetlands along a section of the Chagrin River within Pleasant Valley Park. This project will establish a floodplain wetland and forested vernal pools to help improve the water quality of the Chagrin River while not impacting the 100 year flood limits.



BRAD BLICKENDERFER, PE

ELECTRICAL ENGINEER

Brad has 20 years of experience in electrical, lighting, telecommunications, and security systems design for new construction and renovation projects. 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, and ensuring compliance with all applicable codes and equipment specifications. Brad's responsibilities during the construction administration phase include shop drawing/submittal processing, review of value engineering and change order requests, and punch lists.

Brad's experience includes a wide variety of project types including education and sports, hospitals, office buildings, correctional facilities, institutional facilities, and other commercial and industrial facilities. Brad's relevant project experience includes:

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

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

North Central Recreation Center, Complete Electrical Design of New Ice Arena (Ebensburg Skate Park), Ebensburg, PA*

New Stadium and Athletic Fields Master Plan, Armstrong School District, Kittanning, PA

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

Armstrong School District, New Stadium and Athletic Fields (Schematic Design through Construction Documents) , Kittanning, PA

Department of the Air Force, 911th Airlift Wing IDIQ Contract, Coraopolis, PA
- Repair Airfield Lighting (East and West Apron)
- Repair/Add to Security Forces Building 221

Federal Aviation Administration (FAA), Atlantic City International Airport, Atlantic City, NJ (Consulting Engineering Services Under an Indefinite Delivery/Indefinite Quantity Contract, as a consultant to Maser Consulting P.A.)
- Electrical Design Services for Existing Lightning Protection System Replacement at the Central Utilities Plant (Building 303) at FAA WJHTC Airport Operations Area
- Hughes Building 211 Life Safety Study & Improvements
- Hughes Building 300 HVAC Upgrades
- Hughes Building 303 Chiller and Service Upgrade
- Main Electrical Service Substation Enclosure
- Plumbing & Electrical Design Services for New Water Main Extension at the FAA WJHTC Airport Operations Area

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

Hydro Recovery Inc., Blossburg Water Treatment Facility, Blossburg, PA

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

HIGHLIGHTED EXPERIENCE

- Brad's experience includes a variety of project types including various commercial type projects with government agencies.

YEARS OF EXPERIENCE: 20

EDUCATION

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

REGISTRATIONS

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

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JOHN BLICKENDERFER, PE

ELECTRICAL ENGINEER

An Electrical Engineer, John has 12 years of experience in electrical system design, on a variety of project types including maintenance facilities. His responsibilities include the design of various electrical systems including power distribution, fire alarm, CATV, telecommunications, nurse call, lighting, A/V, and security systems for new construction and renovation projects; conducting site surveys and evaluations of existing electrical systems; preparation of cost estimates and electrical specifications; coordination of design documents with utility companies and the architectural and other engineering disciplines; and ensuring compliance with the NEC, IBC, NFPA, and all other applicable building codes. During the construction administration phase, John reviews shop drawings/submittals, responds to Requests for Information, resolves field issues, and performs punchlist inspections.

HIGHLIGHTED EXPERIENCE

- John's recent experience ranges from needs assessments and studies to the design complex system upgrades, renovations and new construction

YEARS OF EXPERIENCE: 12

EDUCATION

- Bachelor of Science, Electrical Engineering Technology (Minor in Mathematics), University of Pittsburgh at Johnstown, 2009

REGISTRATIONS

- PA, Professional Engineer, 2015

John is proficient in Revit 2014-2018, AutoCAD 2014-2018, Comcheck, Visual Lighting Software, Cummins Power Suite, Mathcad, Matlab, C Programming, Labview, and Microsoft Word, Excel, and PowerPoint.

John's relevant project experience includes:

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

PA Department of General Services, Various, PA
- New Headquarters Facility, P&S/Garage and Crime Lab, Erie Headquarters, Summit Twp., Erie County, PA

Allegheny County Department of Public Works Open End Contract, Allegheny County, PA
- New Hemlock Court Wedding Pavilion
- Courthouse Bullpen Renovation

PA Department of Environmental Protection, New Stanton Office Building, New Stanton, PA*

Area Transportation Authority (ATA) Punxsutawney Transit Center, Punxsutawney, PA*

Sheetz, Inc.,
- New Corporate Headquarters, Claysburg, PA
- Design Services for a variety of Sheetz convenience stores across several states

Jackson Township, Girls Softball Field Lighting, Jackson Township, PA

City of Williamsport, Trade & Transit Centre - Phase II, Williamsport, PA

New Garden Flying Field, Construction of Two Hangars, Landenburg, PA

Williamsport Regional Airport, Fuel Farm Relocation, Montoursville, PA

Porter Tower Joint Municipal Authority, Wastewater Treatment Plant, Tower City, PA*

Shenango Valley Shuttle Service, Hermitage, PA*

Peters Township School District, Pleasant Valley Elementary Athletic Fields, McMurray, PA

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

RYAN MEITZLER, PE, LEED AP ID+C

MECHANICAL ENGINEER

Ryan has over 12 years of experience in the design of complex mechanical and plumbing systems for various types of projects including offices, and commercial & industrial 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.

Ryan's relevant project experience includes:

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

- Bowmansville Maintenance Feasibility Study, Bowmansville, PA
- New Jefferson Hills Warehouse, Canonsburg, PA
- Central Archive Facility Work, Middletown, PA
- Harrisburg West Interchange, Backup Traffic Operations, Harrisburg, PA

PA Department of General Services, Various, PA

- New Headquarters Facility, P&S/Garage and Crime Lab, Erie Headquarters, Summit Twp., Erie County, PA

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

State College Water Authority, New Treatment Facility, State College, PA, Gwin Dobson & Foreman

Indiantown Gap National Cemetery, Columbarium, Annville, 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.

Miles & Stockbridge – Baltimore, MD*

- Approximately 107,000 SF across 7 floors in a 32 story building. Typical law firm with perimeter closed offices and interior open office spaces, conference space and pantries. Coordinated mechanical design with tenant added interconnecting stair between 6 floors. Majority of the mechanical design was to reuse venturi valves connected to a medium pressure duct system. Acted as primary mechanical engineer.

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

HIGHLIGHTED EXPERIENCE:

- Ryan's experience involves a variety of project types including complex data centers, and office buildings, and various projects for government agencies.

YEARS OF EXPERIENCE: 12

EDUCATION:

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

REGISTRATIONS / CERTIFICATIONS:

- **WV, Professional Engineer, 2017**
- Professional Engineer in Eight Additional States
- LEED Accredited Professional, 2013

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ROBERT MACCAMY, PE, CIPE

MECHANICAL ENGINEER

Bob MacCamy has over 35 years of experience in the fields of mechanical and plumbing engineering as well as structural engineering. His experience has been in the design of HVAC and plumbing systems for a variety of project types.

His experience includes engineering calculations, selection of equipment, and preparation of contract drawings, specifications, cost estimates, and feasibility studies. Specific project experience has included the design of constant air volume systems, chilled water and hot water systems, boiler installations/retrofits, energy management control systems, and geothermal heat pump systems.

Bob's relevant project experience includes:

PA Turnpike Commission, Open-End Contract for A&E Services, Various, PA
- New Kegg Maintenance Facility, Manns Choice, PA

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

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

Southern Alleghenies Museum of Art, Archive Storage Expansion, Loretto, PA

Delta Development Group, Inc., Fort Bedford Museum HVAC Study, Bedford, PA

Federal Aviation Administration (FAA), Atlantic City International Airport, Atlantic City, NJ (Consulting Engineering Services Under an Indefinite Delivery/Indefinite Quantity Contract, as a consultant to Maser Consulting P.A.)
- Electrical Design Services for Existing Lightning Protection System Replacement at the Central Utilities Plant (Building 303) at FAA WJHTC Airport Operations Area
- Hughes Building 211 Life Safety Study & Improvements
- Hughes Building 300 HVAC Upgrades
- Hughes Building 303 Chiller and Service Upgrade
- Main Electrical Service Substation Enclosure
- Plumbing & Electrical Design Services for New Water Main Extension at the FAA WJHTC Airport Operations Area

Sheetz, Inc.
- New Corporate Headquarters, Claysburg, PA
- Restroom Renovation for ADA Compliance, Hermitage, PA
- Mechanical/Electrical/Plumbing Design Services for New Stores in Antrim Township, Butler, Cresson, Lancaster, Ligonier, Lower Swatara, Millcreek Township, Monroeville, Mt. Joy Township, Reedsville, Richland Township, Towanda, and Union Township, PA; Elkins and Huntington, WV; Balls Ford, King George, Manassas, Powhatan, and Stuarts Draft, VA; Goldsboro, High Point, Johnston County, Roanoke Rapids, Thomasville, and Winston-Salem, NC

City of Williamsport, Church Street Transportation Center, Williamsport, PA

Chautauqua Institution Tennis Facility, Schematic Design Services, Chautauqua, NY

HIGHLIGHTED EXPERIENCE
- Bob's experience includes a variety of project types for government agencies

YEARS OF EXPERIENCE: 38

EDUCATION
- Bachelor of Architectural Engineering, The Pennsylvania State University, 1979

REGISTRATIONS
- **WV, Professional Engineer, 2012**
- Professional Engineer in Eight Additional States
- Certification in Plumbing Engineering, 1985

CHRISTOPHER BOWERS, PE, SE

STRUCTURAL ENGINEER

Chris has over 18 years of experience as a Structural Engineer on a variety of projects including educational, judicial, public safety, correctional, commercial, office, transportation, health care, and recreational facilities. His responsibilities include the production of drawings from the schematic design phase through construction documents. He utilizes structural analysis and design software as well as AutoCAD and Revit in the drafting and production of drawings for structural systems.

Chris' certifications include a California, Safety Assessment Program Evaluator. He is also 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.

Chris' 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
- Armed Forces Reserve Center and Field Maintenance Shop, Williamsport, PA
- New Headquarters Facility, P&S/Garage and Crime Lab, Erie Headquarters, Summit Twp., Erie County, PA

United States Gypsum Corporation, Washingtinville, PA

- Synthetic Gypsum Auxiliary Storage Shed

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

- Bowmansville Maintenance Feasibility Study, Bowmansville, PA

Cabell County Commissioners, Huntington, WV

- **Cabell County Emergency Services Center**

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

PA Department of Environmental Protection, New Southeast Regional Office Building, Norristown, PA

Armstrong School District, New Stadium and Athletic Fields (Schematic Design through Construction Documents), Kittanning, PA

Myrtle Beach Pelicans Ballpark Expansion Predesign Services, Myrtle Beach, SC

BG William C. Doyle Veterans Memorial Cemetery, Wrightstown, NJ

Mount Aloysius College, New Convocation Center, Cresson, PA

City of Williamsport, Williamsport, PA

- Trade & Transit Centre - Phase II
- Church Street Transportation Center
- Mid-Town Parking Garage Inspections
- Limited Engineering Services for Cleaning and Inspection of the West 3rd Street Parking Garage

Sheetz Corporate Headquarters and Operations Center, Claysburg, PA

HIGHLIGHTED EXPERIENCE

- Chris' recent experience includes a variety of project types including recreational projects and a variety of project types for government agencies, as well as experience working in West Virginia

YEARS OF EXPERIENCE: 18

EDUCATION

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

REGISTRATIONS / CERTIFICATIONS

- **WV, Professional Engineer, 2006**
- Registered Professional Engineer in 14 Additional States
- Licensed Structural Engineer,in IL and NE
- California, Safety Assessment Program Evaluator, 2014

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

DAVID CINER, CPD, LEED AP

PLUMBING / FIRE PROTECTION DESIGNER

HIGHLIGHTED EXPERIENCE

- Dave has worked on a variety of projects types including various recreational facilities and repeat work for a variety of government agencies. He also has experience on a variety of projects across WV.

YEARS OF EXPERIENCE: 40

EDUCATION

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

CERTIFICATION

- Certified Plumbing Designer (CPD)
- LEED Accredited Professional

AFFILIATION

- American Society of Plumbing Engineers (ASPE)

With 40 years of experience in plumbing and fire protection design, Dave has been involved in a large variety of project types including educational, commercial, office, public safety, correctional, industrial, manufacturing, transportation, judicial, municipal, healthcare, and recreational 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:

Cambria County Redevelopment Authority, Nanty Glo Recreation Center, Nanty Glo, PA

Schoenbaum Soccer Stadium and Amphitheater, Charleston, WV

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

PA Department of General Services
- Renovation of the Existing Marina at Prince Gallitzin State Park, Patton, PA
- New Armstrong County Maintenance Facility, Salt and 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

Logan Township Board of Supervisors, Altoona, PA
- Logan Township Municipal Building

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

Yeager Airport, Charleston, WV
- Terminal Building Renovations/Expansion
- Rental Car Facility and Fueling Terminal

West Virginia Juvenile Detention Facilities Evaluation/Condition Assessments, Various, WV

PA Department of Environmental Protection
- California District Office Building, California, PA
- Southeast Regional Office Building, Norristown, PA

Chestnut Ridge Resort, Blairsville, PA
- Hotel/Conference Center
- Condominiums
- Addition to Chestnut Ridge Inn

Germantown Cricket Club Indoor Tennis Court, Philadelphia, PA

Laurel Valley Golf Club, Architectural Services for Maintenance Building, Ligonier, PA

Allegheny County Sanitary Authority, Operations and Maintenance Facility, Pittsburgh, PA

Federal Aviation Administration (FAA), Atlantic City International Airport, Atlantic City, NJ
- **Consulting Engineering Services Under an Indefinite Delivery/Indefinite Quantity Contract, as a consultant to Maser Consulting P.A.**

West Virginia Division of Highways
District 3, New I-77 Medina Substation

COPIES OF LICENSES

The West Virginia Board of Architects

certifies that

GARY LAPERA

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, 2019.

Board Administrator

West Virginia State Board of Registration for Professional Engineers

WESLEY D. HEVENER
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, 2018

North Carolina Board of Examiners for Engineers and Surveyors

This is to certify that
George S. Kopchik
is duly licensed and entitled to practice
Surveying
until December 31, 2018 when this certificate expires.
Registration Number: [redacted] Status: CURRENT

Richard M. Benton, Chair

Stacey A. Smith, Secretary

2019 WEST VIRGINIA PROFESSIONAL SURVEYOR 2019

The West Virginia Board of Professional Surveyors certifies that the individual listed below is a PROFESSIONAL SURVEYOR who has qualified for a license under Chapter 30, Article 13A, Code of West Virginia, and has met the requirements for license renewal for the period ending June 30, 2019

STEPHEN M. LANDGREBE, [redacted]

Issued July 1, 2018
Expires June 30, 2019

Board Members
Mike Shapp, PS Chairman
Nelson Douglass, PE, PS, Secretary
Tom Rayburn, PS
Sefton Stewart, PS
Douglas McElwee, Esq

Executive Director
Kristi Justice

2019 State of West Virginia Board of Professional Surveyors

STEPHEN M. LANDGREBE
WV P.S. LIC. # 2359

Is a PROFESSIONAL SURVEYOR who has qualified for a license under Chapter 30, Article 13A, Code of West Virginia, and has met the requirements for license renewal for the period ending June 30, 2019

Issued: July 1, 2018
Expires: June 30, 2019

Continuing Education §23CSR2
2019 PDH Summary

Hours Carried Over	0
Hours Claimed	24
Applied to 2018-2019	8
Approved Carry-Over	8
Minimum Standards	
Professional Ethics	

State of West Virginia
Board of Professional Surveyors
1124 Smith Street Suite B127C
Charleston, WV 25301
Phone (304) 558-0350
Fax (304) 558-0352
Website www.wvbps.wv.gov
Email wvbps@wv.gov

West Virginia State Board of Registration for Professional Engineers

TODD A. GRIFFITH
WV P [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, 2018

West Virginia State Board of Registration for Professional Engineers

DAVID G. MINNEAR
WV [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, 2018

Commonwealth of Pennsylvania
Department of State
Bureau of Professional and Occupational Affairs
PO Box 2649 Harrisburg PA 17105-2649

17 0343457

License Type
Registered Architect

License Status
Active

Initial License Date
11/23/1993

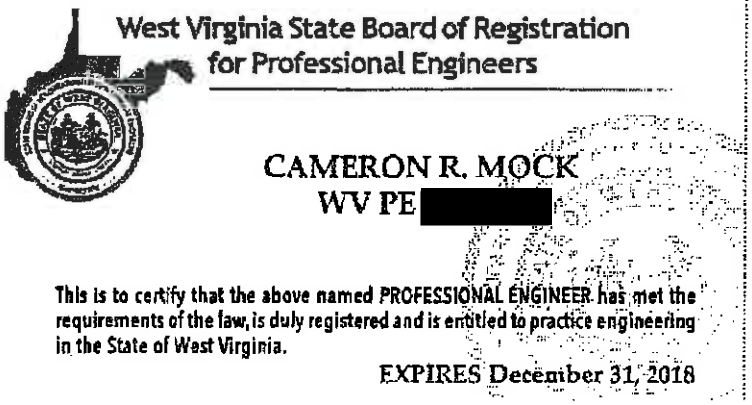
RUCHIK VYAS
CDI KIMBALL
915 W HIGHLAND AVENUE
EBENSBURG PA 15931

License Number
[redacted]

Expiration Date
06/30/2019

Ruchik Vyas
Signature

Commissioner of Professional and Occupational Affairs

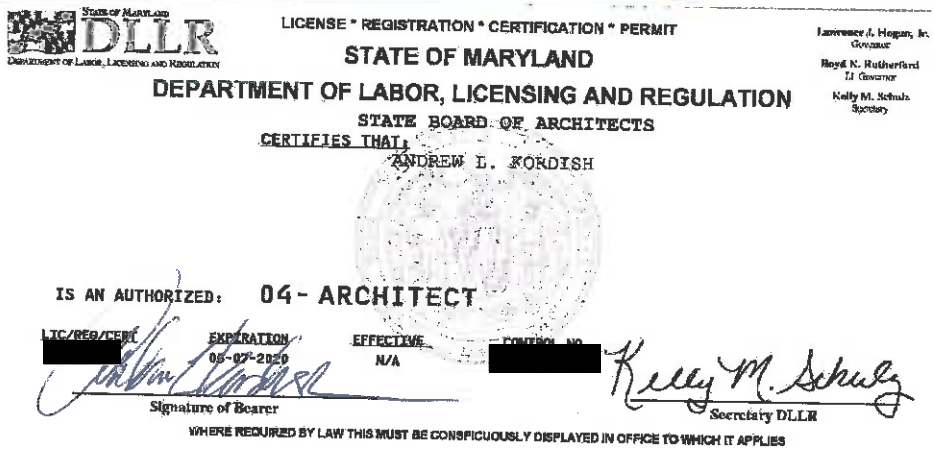


West Virginia State Board of Registration
for Professional Engineers

CAMERON R. MOCK
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, 2018



STATE OF MARYLAND
DLLR
DEPARTMENT OF LABOR, LICENSING AND REGULATION

LICENSE * REGISTRATION * CERTIFICATION * PERMIT

Lawrence J. Hogan, Jr.
Governor
Boyd K. Rutherford
Lt. Governor
Kelly M. Schulz
Secretary

STATE OF MARYLAND
DEPARTMENT OF LABOR, LICENSING AND REGULATION
STATE BOARD OF ARCHITECTS

CERTIFIES THAT:
ANDREW L. KORDISH

IS AN AUTHORIZED: 04 - ARCHITECT

LIC/REG/CERT
[redacted]

EXPIRATION
05-07-2020

EFFECTIVE
N/A

CONTROL NO
[redacted]

Signature of Bearer

Kelly M. Schulz
Secretary DLLR

WHERE REQUIRED BY LAW THIS MUST BE CONSPICUOUSLY DISPLAYED IN OFFICE TO WHICH IT APPLIES

Commonwealth of Pennsylvania
Department of State
Bureau of Professional and Occupational Affairs
PO BOX 2649 Harrisburg PA 17105-2649

18 0115428

License Type
Professional Engineer

GEORGE BRIAN WRIGHT
181 RIDGE STREET
Hollidaysburg PA 16648

License Status
Active

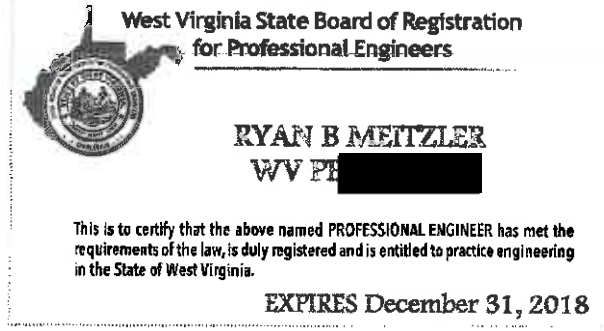
Initial License Date
09/28/2007

Expiration Date
09/30/2019

License Number
[redacted]

Signature

Commissioner of Professional and Occupational Affairs



West Virginia State Board of Registration
for Professional Engineers

RYAN B 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, 2018

Commonwealth of Pennsylvania
Department of State
Bureau of Professional and Occupational Affairs
PO Box 2649 Harrisburg PA 17105-2649

17 0319470

License Type
Landscape Architect

License Status
Active

Initial License Date
11/24/1997

DAVID PETROSKY
210 NORTH LOCUST ST
EBENSBURG PA 15931

License Number
[redacted]

Expiration Date
06/30/2019

Commissioner of Professional and Occupational Affairs

Commonwealth of Pennsylvania
Department of State
Bureau of Professional and Occupational Affairs
PO BOX 2649 Harrisburg PA 17105-2649

18 0054498

License Type
Professional Engineer

JOHN ANDREW BLICKENDERFER
229 RED MILL RD
EBENSBURG PA 15931

License Status
Active

Initial License Date
01/29/2018

Expiration Date
06/30/2019

License Number
[redacted]

Signature

Commissioner of Professional and Occupational Affairs

West Virginia Division of Highways
District 3, New I-77 Medina Substation

West Virginia State Board of Registration for Professional Engineers

Licensure Verification

Search: Details

Name: ROBERT C MACCAMY

WV Professional Engineer:
PE License Number: [redacted]

PE License Status: Active

PE Issue Date: 08/17/2012

PE Expiration Date: 12/31/2018

Continuing Education Claim:
Qualifying Hours from Last Renewal or Reinstatement: 35

Carryover Hours for Next Renewal: 5

Last Renewal or Reinstatement Date*: 12/22/2016

WV Engineer Intern:
EI Certification Number:

EI Issue Date:

Primary Address of Record: [redacted]

Primary Employer of Record:
L. ROBERT KIMBALL
437 GRANT STREET SUITE 812
PITTSBURGH, PA 15219

* 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 6/21/2018.

West Virginia State Board of Registration for Professional Engineers

CHRISTOPHER M. BOWERS
WV [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, 2018

BUREAU OF PROFESSIONAL AND OCCUPATIONAL AFFAIRS
P. O. Box 2649
Harrisburg, PA 17105-2649
07/02/2018

License Information

BRAD STEVEN BLICKENDERFER

Nicktown, Pennsylvania 15762

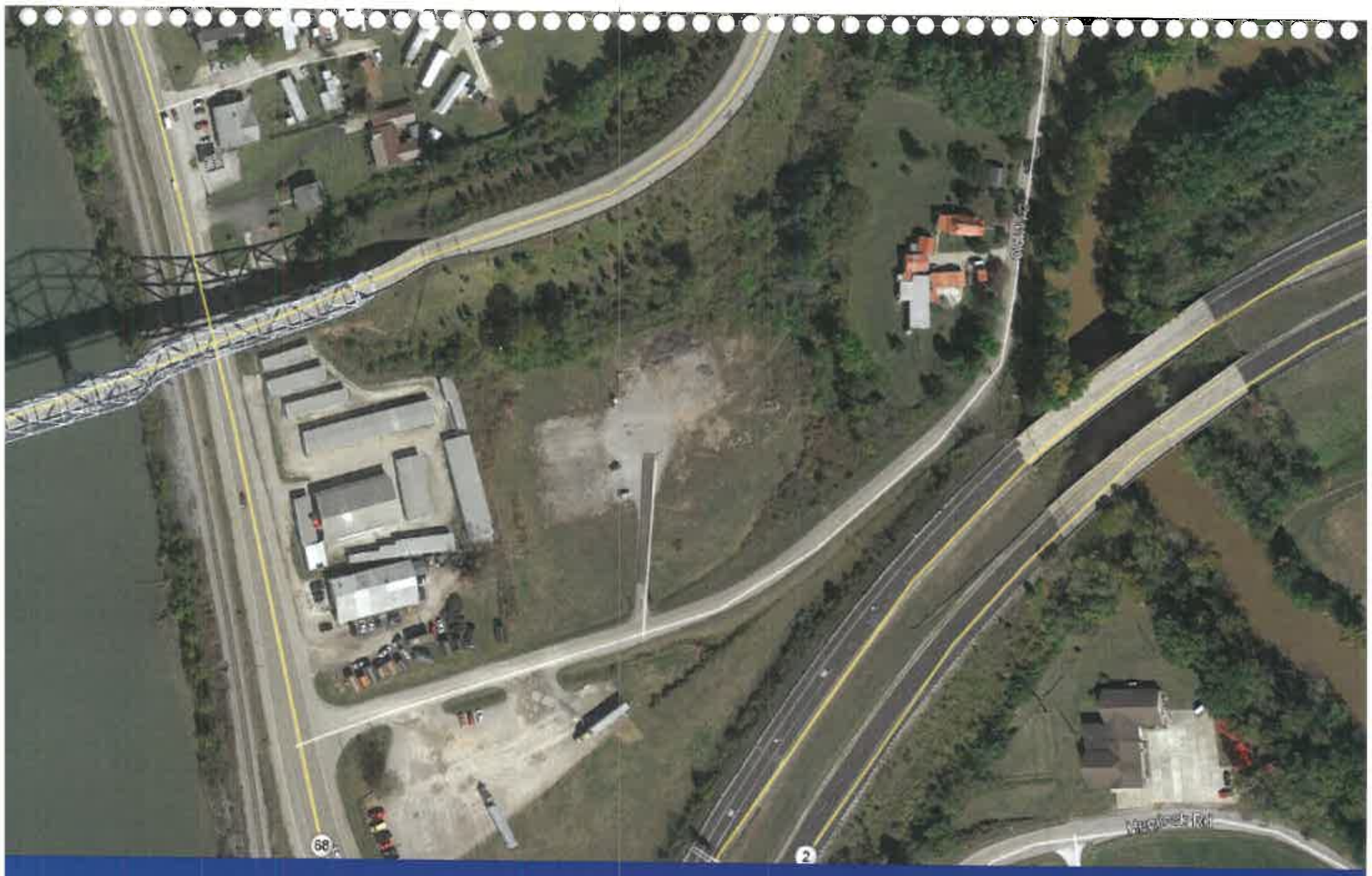
Board/Commission:	State Registration Board for Professional Engineers, Land Surveyors and Geologists	Status Effective Date:	01/05/2016
LicenseType:	Professional Engineer	Issue Date:	07/28/2006
Specialty Type:		Expiration Date:	09/30/2019
License Number:	[redacted]	Last Renewal:	09/25/2017
Status:	Active		

Disciplinary Action Details

No disciplinary actions were found for this license.

This site is considered a primary source for verification of license credentials provided by the Pennsylvania Department of State.

CDI® L.R. Kimball



SECTION II - APPROACH AND METHODOLOGY

PROJECT APPROACH AND METHODOLOGY

Based on our understanding of the current site location, CDI/L. R. Kimball will evaluate the overall project objectives upon review of the State's prototype design and completion of gathering pertinent programming information and confirmation from all project Stakeholders. We will leverage our experience with similar projects to focus the teams' input to any refinements of the prototype design required to meet site specific needs and more importantly, operational needs.

This project will be located near Ravenswood at the intersection of WV Route 2 and WV Route 68. During our site visit to the existing facility, the building and salt shed areas appeared to be outdated. The project location provides an apparent flat plat of land with an existing intersection onto old WV Route 2 which intersects WV Route 68 from the west. Currently, the land appeared to be used of parking area for DOH personnel. Based on our knowledge of the project, we believe our approach for this project will provide an efficient, quality product for the WVDOH.

The following Project Approach will be utilized to execute the project:

CDI/L.R. Kimball's approach begins with a team of consultants specifically selected to address the Scope of Work for this project.

CDI/L.R. Kimball has provided architecture and engineering design services for a wide range of project types, including storage and maintenance support facilities. We also have deep experience providing architecture and engineering services in West Virginia. Our seasoned professionals have the capacity and we are ready to start this project immediately.

In addition to our team's experience and capabilities, successful projects depend on solid project management. CDI/L.R. Kimball has adopted the Project Management Institute's (PMI's) methodology as our own. Our 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.

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. The following provides a brief overview of our project management approach to the key project components of scope, time, cost, quality, communications, and risk.

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. 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. CDI/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, CDI/L.R. Kimball updates the Project Plan and coordinates the required contractual updates.

TIME MANAGEMENT

Having identified the project scope, our team is able to anticipate the timeline and activity durations. The project schedule is developed with project milestone requirements and other time-sensitive constraints. The project schedule provides CDI/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

CDI/L.R. Kimball maintains an in-house team of experienced architects, engineers, and project managers who 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 and each discipline leader. 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.

COMMUNICATION MANAGEMENT

Communication and coordination among all parties is critical to assure successful execution of the Project Plan. With having an office location and our Project Executive located within Charleston WV, we would be available to be in your office for meetings within a short timeframe allowing a smooth interaction and in-person communication to efficiently keep project moving, assist in reducing scope creep and provide a more cost-efficient project. During the project "kick-off" meeting with the CDI/L.R. Kimball team and client staff, we review the Project Plan, procedures for change control, project specifications, and production methodology to eliminate any misunderstandings and align 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. The development of the communication plan is the first step.

PERMITTING PHASE

Early on in the project, we will reach out to the various review agencies to gather project specific review information, regulations, and ordinances. We will incorporate the gathered information into the project drawings to prepare for review plan submissions. The timing for the review process will also be incorporated into the project schedule. Once the submission has been made to the review agencies, we will attend meetings or keep in contact with the review agencies to address their comments and incorporate them into the plan set. Starting the review process early on in the project will help to incorporate the, sometimes lengthy, permit approval time frame into the overall project schedule.

SCHEMATIC DESIGN PHASE

In the Schematic Design Phase, the emphasis is conceptual in nature. The information discussed in the "kick off" meeting and general ideas are established for the project drawings. Conceptual schedules, cost estimates, and submission requirements are generally discussed at this phase in the project.

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 and cost estimates can be updated based on the progress or more detailed drawings. In many firms, Design Development plans become the base sheets for working drawings.

CONSTRUCTION DOCUMENTS PHASE

During this phase, final drawings and a project manual that includes complete specifications are prepared. All drawings and documents are checked for coordination with associated disciplines and consistency with programmatic goals and objectives. An updated Construction Cost estimate is also developed for the project.

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. Occupancy dates are important. Accordingly, 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, CDI/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.

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.

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.

COST CONTROL

CDI/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 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 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.

SITE/CIVIL

CDI/L.R. Kimball will gather and review information regarding the project site. Based on a preliminary review of the project site, we will review flood plain mapping, new topographical, utility, and boundary survey information, existing site drawings, easements and right of way information, and existing geotechnical and environmental reports or information, if available. Utilizing this information, we will work with the client and the project architect to determine the building facilities needed for the project and their operations. We will also determine if any of the existing facilities need to be maintained or phased throughout construction and incorporate this into the site plan.

We will also gather information on parking requirements, ingress/egress movements, truck sizes and requirements, grades or slope requirements, and utility requirements. We will gather local zoning, land development, and stormwater management ordinances to determine setbacks, parking requirements, buffers, etc. that may be required for the project. We will also contact utility companies to determine existing facility locations and capacities. We will develop a conceptual site plan layout or layouts incorporating the information and present the plan(s) to the client for review. The conceptual site plan(s) will also incorporate preliminary elevations and new geotechnical or environmental studies or information.

Comments from the client will be incorporated into the conceptual site plan until a preferred site plan is determined. As the project progresses, the agreed upon conceptual site plan will be further developed and reviewed by local and state agencies, utility companies, and the project team. Comments will be incorporated into the plan set and the drawings will be further refined to provide specific details needed for construction. Internal plan reviews will be conducted prior to agency submittals and prior to bidding. Teleconferences and meetings will be held throughout the development of the site plans to further coordinate the various disciplines and incorporate further client comment and questions.

West Virginia Division of Highways
District 3, New I-77 Medina Substation

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SECTION III - FORMS/ADDITIONAL INFORMATION

Additional information:

Upon award, we kindly request the opportunity to discuss the terms of the agreement; in particular, our obligations for liquidated damages.

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.

Megan Polinsky, Contract Administrator
(Name, Title)

Megan Polinsky, Contract Administrator
(Printed Name and Title)

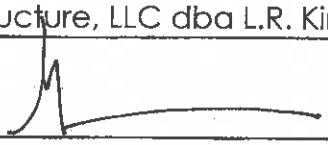
615 West Highland Avenue, Ebensburg, PA 15931
(Address)

814-419-7861 814-472-7712
(Phone Number) / (Fax Number)

megan.polinsky@cdicorp.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)

Gary J. Lapera, Vice President
(Printed Name and Title of Authorized Representative)

June 25, 2018
(Date)

215.282.8815
(Phone Number) (Fax Number)

ADDITIONAL TERMS AND CONDITIONS
(Architectural and Engineering Contracts Only)

1. PLAN AND DRAWING DISTRIBUTION: All plans and drawings must be completed and available for distribution at least five business days prior to a scheduled pre-bid meeting for the construction or other work related to the plans and drawings.

2. PROJECT ADDENDA REQUIREMENTS: The Architect/Engineer and/or Agency shall be required to abide by the following schedule in issuing construction project addenda. The Architect/Engineer shall prepare any addendum materials for which it is responsible, and a list of all vendors that have obtained drawings and specifications for the project. The Architect/Engineer shall then send a copy of the addendum materials and the list of vendors to the State Agency for which the contract is issued to allow the Agency to make any necessary modifications. The addendum and list shall then be forwarded to the Purchasing Division buyer by the Agency. The Purchasing Division buyer shall send the addendum to all interested vendors and, if necessary, extend the bid opening date. Any addendum should be received by the Purchasing Division at least fourteen (14) days prior to the bid opening date.

3. PRE-BID MEETING RESPONSIBILITIES: The Architect/Engineer shall be available to attend any pre-bid meeting for the construction or other work resulting from the plans, drawings, or specifications prepared by the Architect/Engineer.

4. AIA DOCUMENTS: All construction contracts that will be completed in conjunction with architectural services procured under Chapter 5G of the West Virginia Code will be governed by the AIA A101-2007 and A201-2007 or the A107-2007 documents, as amended by the Supplementary Conditions for the State of West Virginia, in addition to the terms and conditions contained herein. The terms and conditions of this document shall prevail over anything contained in the AIA Documents or the Supplementary Conditions.

4A. PROHIBITION AGAINST GENERAL CONDITIONS: Notwithstanding anything contained in the AIA Documents or the Supplementary Conditions, the State of West Virginia will not pay for general conditions, or winter conditions, or any other condition representing a delay in the contract. The Vendor is expected to mitigate delay costs to the greatest extent possible and any costs associated with Delays must be specifically and concretely identified. The state will not consider an average daily rate multiplied by the number of days extended to be an acceptable charge.

5. GREEN BUILDINGS MINIMUM ENERGY STANDARDS: In accordance with West Virginia Code § 22-29-4, all new building construction projects of public agencies that have not entered the schematic design phase prior to July 1, 2012, or any building construction project receiving state grant funds and appropriations, including public schools, that have not entered the schematic design phase prior to July1, 2012, shall be designed and constructed complying with the ICC International Energy Conservation Code, adopted by the State Fire Commission, and the ANSI/ASHRAE/IESNA Standard 90.1-2007: Provided, That if any construction project has a commitment of federal funds to pay for a portion of such project, this provision shall only apply to the extent such standards are consistent with the federal standards.

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 exceed 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: _____ Date: 06/28/2018

State of LA

County of _____, to-wit:

Taken, subscribed, and sworn to before me this 28th day of June, 2018.

My Commission expires _____, 20___.

AFFIX SEAL HERE

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
BARBARA A. RANIERI, Notary Public
City of Philadelphia, Phila. County
My Commission Expires February 26, 2020

NOTARY PUBLIC _____

West Virginia Ethics Commission

Disclosure of Interested Parties to Contracts

Pursuant to *W. Va. Code* § 6D-1-2, a state agency may not enter into a contract, or a series of related contracts, that has/have an actual or estimated value of $100,000 or more until the business entity submits to the contracting state agency a Disclosure of Interested Parties to the applicable contract. In addition, the business entity awarded a contract is obligated to submit a supplemental Disclosure of Interested Parties reflecting any new or differing interested parties to the contract within 30 days following the completion or termination of the applicable contract.

For purposes of complying with these requirements, the following definitions apply:

"Business entity" means any entity recognized by law through which business is conducted, including a sole proprietorship, partnership or corporation.

"Interested party" or *"Interested parties"* means:

(1) A business entity performing work or service pursuant to, or in furtherance of, the applicable contract, including specifically sub-contractors;
(2) the person(s) who have an ownership interest equal to or greater than 25% in the business entity performing work or service pursuant to, or in furtherance of, the applicable contract. (This subdivision does not apply to a publicly traded company); and
(3) the person or business entity, if any, that served as a compensated broker or intermediary to actively facilitate the applicable contract or negotiated the terms of the applicable contract with the state agency. (This subdivision does not apply to persons or business entities performing legal services related to the negotiation or drafting of the applicable contract.)

"State agency" means a board, commission, office, department or other agency in the executive, judicial or legislative branch of state government, including publicly funded institutions of higher education: Provided, that for purposes of W. Va. Code § 6D-1-2, the West Virginia Investment Management Board shall not be deemed a state agency nor subject to the requirements of that provision.

The contracting business entity must complete this form and submit it to the contracting state agency prior to contract award and to complete another form within 30 days of contract completion or termination.

This form was created by the State of West Virginia Ethics Commission, 210 Brooks Street, Suite 300, Charleston, WV 25301-1804. Telephone: (304)558-0664; fax: (304)558-2169; e-mail: ethics@wv.gov; website: www.ethics.wv.gov.

Revised October 7, 2017

West Virginia Ethics Commission

Disclosure of Interested Parties to Contracts

(Required by *W. Va. Code* § 6D-1-2)

Contracting Business Entity: CDI-Infrastructure, LLC dba L.R. Kimball **Address:** 1735 Market Street, Suite 200 Philadelphia, PA 19103

Authorized Agent: Gary J. Lapera **Address:** 1735 Market Street, Suite 200 Philadelphia, PA 19103

Contract Number: CEOI 0803 DOT1800000001 **Contract Description:** District Three, New 1-77 Medina Substation

Governmental agency awarding contract: West Virginia Division of Highways, District Three

☐ **Check here if this is a Supplemental Disclosure**

List the Names of Interested Parties to the contract which are known or reasonably anticipated by the contracting business entity for each category below *(attach additional pages if necessary)*:

1. **Subcontractors or other entities performing work or service under the Contract**
   ☐ Check here if none, otherwise list entity/individual names below.
   TRC

2. **Any person or entity who owns 25% or more of contracting entity (not applicable to publicly traded entities)**
   ☐ Check here if none, otherwise list entity/individual names below.
   CDI Infrastructure Holdings, Inc.

3. **Any person or entity that facilitated, or negotiated the terms of, the applicable contract (excluding legal services related to the negotiation or drafting of the applicable contract)**
   ☐ Check here if none, otherwise list entity/individual names below.
   Gary J. Lapera, Vice President

Signature: _____ Date Signed: June 25, 2018

Notary Verification

State of PA, County of Philadelphia:

I, BARBARA A. RANIERI, the authorized agent of the contracting business entity listed above, being duly sworn, acknowledge that the Disclosure herein is being made under oath and under the penalty of perjury.

Taken, sworn to and subscribed before me this 25th day of June, 2018

Barbara A. Ranieri
Notary Public's Signature

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
BARBARA A. RANIERI, Notary Public
City of Philadelphia, Phila. County
My Commission Expires February 26, 2020

To be completed by State Agency:

Date Received by State Agency: _____

Date submitted to Ethics Commission: _____

Governmental agency submitting Disclosure: _____

Revised October 7, 2017

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CEOI 0803 DOT1800000001

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)

[X]	Addendum No. 1	[ ]	Addendum No. 6
[ ]	Addendum No. 2	[ ]	Addendum No. 7
[ ]	Addendum No. 3	[ ]	Addendum No. 8
[ ]	Addendum No. 4	[ ]	Addendum No. 9
[ ]	Addendum No. 5	[ ]	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

June 25, 2018
Date

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

L.R. Kimball

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