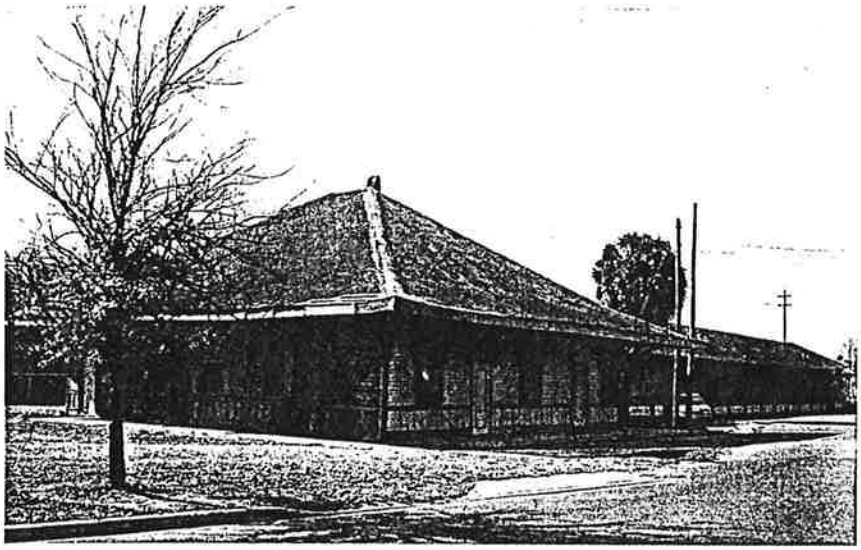
Statement of Qualifications for Architect-Engineer Consulting Services

for

Rehabilitation of Gainesville's Historic Railroad Depot



submitted to:

CITY OF GAINESVILLE
STATE OF FLORIDA

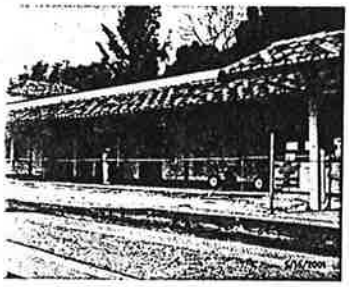
submitted by:

BERGMANN associates

7411 Fullerton Street, Suite 109
Jacksonville, FL 32256
904.363.3133
904.363.3203 (fax)
morales@bergmannpc.com

January 31, 2002

Section One – General Information about Bergmann Associates



Located In Jacksonville and Ft. Lauderdale, Florida, Bergmann Associates (BA) is a professional service firm consisting of approximately 330 professional engineers, architects, landscape architects and surveyors. BA, ranked #235 in the ***Engineering News-Record***, provides comprehensive multi-disciplinary services to numerous clients in the United States, Canada and Latin America from our 9 offices throughout the East. These clients include commercial, industrial, retail companies as well as government agencies and educational institutions.

Following our company-wide commitment to long-term client relationships, not short-term projects, we strive to meet our clients' needs through responsiveness and professional service. As a multi-disciplinary firm, we provide our clients with complete engineering, architectural and planning services entirely in-house. This wide variety of in-house design capabilities allows us to provide the most efficient, cost-effective and responsive service possible--giving our clients all of the services they need under one roof.

We offer the following in-house services

- Architecture
- Historic Architecture
- Rail Engineering
- Interior Design
- Facilities Management
- Site Design and Master Planning
- Landscape Architecture
- Interpretive Services
- Environmental Assessments/Engineering
- Structural Engineering
- Mechanical Engineering
- Electrical Engineering
- Transportation Planning and Design
- Geographic Information Systems
- Bridge Design and Inspection
- Construction Management and Inspection
- Public Presentations and Interactions
- Visualization and Computer Animation

These specific Architectural services include:

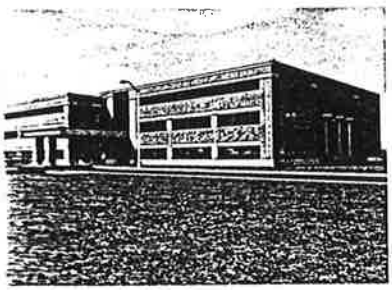
- Programming/Space Planning
- Design

- Interior Design
- Restoration/Rehabilitation
- **Historic Restoration**
- Building and Facilities Inspection/Analysis
- Site Adapt/Drawing Production
- **Code Compliance**
- **ADA retrofitting**
- Feasibility Studies
- Roofing Design and Analysis
- Construction Administration

BA is building a national reputation in train station renovation, and in particular, **historic train stations** for such clients as Florida DOT, New York City Transit Authority, AMTRAK, SEPTA, City of Rome (NY) and Genesee Transportation Council (Rochester, NY)

BA's Rail Group is a blending of rail engineers, former railroad employees and architects, all of who have an interest in saving old train stations. **This small group of dedicated employees seeks out renovation work associated with historic train stations.**

BA has developed their understanding of and involvement with **green design** and high performance building issues. Our familiarity with State incentives for energy conservation helps our clients to achieve maximum benefits for sustainable design and energy efficient buildings. BA has a committee of in-house staff who researches information and case study materials and report to the full staff. We have developed an in-house checklist against which we test our own designs. Recently, we have focused on the new LEED Green Building Rating System as a tool for guiding our design work and measuring it with some uniformity.



We strive to create energy efficient designs. Attention to energy conservation, solar orientation, lighting, insulation, windows and other building materials, building systems, site work, landscaping and interior and exterior products are key factors in producing a high quality yet efficient design.

We work together with the mechanical and electrical engineers to develop efficient systems to coordinate with the building shell to produce energy efficient facilities. On several rail stations we have introduced new electrical service or upgraded the electrical feeds to motors and starters, both to increase their life and to reduce the energy drain by their continued use. In many locations we have selected and specified new energy-saving fluorescent or metal halide light fixtures to replace incandescent sources. This pro

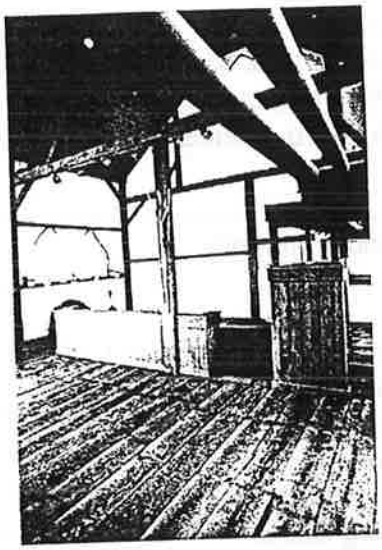
has two effects: 1.) it reduces the long-term cost of energy related to providing light in these areas, and 2.) it reduces the need for lamp replacement costs of both labor and materials. In certain historic locations we have used specially coated fluorescent lamps to generate a light output color very similar to the original incandescent tungsten lamp, with award-winning success.

BA also has extensive experience in **historic preservation** and is currently working on a **historic railroad station** for Florida DOT.

For Florida DOT, BA recently completed construction documents for Phase 1 of the Hollywood Station, which includes the structural rehabilitation of the existing 80 year-old historic timber-framed train platform canopy and other improvements such as sidewalks, curbs, planters, canopy roof drainage improvements and other amenities. Phase 2, currently being designed, will consist of the historic renovation of the original station building which contains Amtrak ticketing, waiting room, restroom and baggage handling facilities. The station exterior will be maintained in its original classic Mediterranean style. This facility has been designated as an **historic landmark** because of its longstanding role in the development of the Hollywood, FL area, with respect to transportation of people and goods. One of the challenges of the Hollywood Station project is the soil canopy, which is settling due to solid consolidation. The project has required continuous coordination between all the various agencies that have an interest in the station.

BA has also completed a project that is very similar to the scope of the proposed Rehabilitation of the Historic Railroad Depot. We completed the planning and design for the rehabilitation and improvements to a 444-acre County park. This project included the rehabilitation of **Fort Schuyler**, a log-cabin replica of an 18th century trading post. The site was located on 2 hillsides with potential for erodible soils. Another aspect of this project was the design and location of a 4-unit restroom facility along with necessary utility improvements. Existing pedestrian trails were upgraded to accommodate handicapped accessibility. Existing signage was upgraded. The existing parking area and pedestrian trails were reconstructed and expanded. BA utilized environmentally friendly stormwater management techniques for pond areas. Close coordination/involvement with very active local groups was essential to the successful completion of this project.

The **Erie Canal Cultural** Center is another very significant and relevant project. This project involved the renovation and addition to a historically significant building and site on the Erie Canal. It's a very unique



approach to small community revitalization while at the same time providing a facility that has a regional impact. The project acts as the center of canal oriented artwork, history and activity. Design and construction of this project was a cooperative effort, which included the input of multiple participants to form a unique, arts oriented facility. Design work includes site master planning with multiple interpretive elements, a new central atrium display space, and a respectful renovation of the existing structure.

Another significant historic renovation project that Bergmann Associates has completed is the **Stone-Tolan House**. This project was a complete reworking of a 120 year-old barn structure. The barn provides an entry and orientation experience to the historic Stone-Tolan House and grounds.

As final proof of our experience in the **renovation and adaptive reuse of historic properties**, in 1987 the current Bergmann Associates partners purchased the Jonathan Child House from a local government agency. This 1835 building was and still is on the **National Register of Historic Buildings**. The facility needed a lot of work, and we worked hand in hand with the Landmark Society of Western NY and **SHPO** to renovate the building back to it original condition.

Bergmann Associates is committed to the City of Gainesville and this project. Our Project Manager is a University of Florida alumnus, and our Jacksonville office is only 1 ½ hours away and can be in the City when needed or desired.

Bergmann Associates is a firm that can provide the City of Gainesville with all the professional services, capability, experience and design expertise that it needs to turn the renovation of the Historic Gainesville Train Station into a successful project.

Bergmann Associates has a proven record of historic restoration successes. We are currently completing the historic restoration of the Hollywood railroad station in Hollywood Florida. That project is part of the Florida Department of Transportation's efforts to upgrade existing facilities while maintaining the historic perspective. We anticipate drawing on resources from throughout our company and design groups to assist in the efficient design for Gainesville Depot. It is obvious from the effort already expended in the evaluation, proposed re-development, community involvement, and desire to maintain the historic significance, that this is a special structure for the citizens of Gainesville. Improvements along Depot Ave. and enhancements to the Urban Trail Network Road will help open up this Historic neighborhood to tourism and economic development.

Our knowledge of the project comes from careful study of the Old Gainesville Depot Development Project Report and personal experience living in Gainesville while attending the University of Florida. Our office is located within 1 hour of the depot. That proximity would allow us to be available for project and public meetings both during office hours and after.

Along with our experiences with historic restorations, we also have extensive experience dealing with the physical relocation of structures, dealing with removal of contaminated soils, and we have the capability of very high-end computer simulations that could model the restored depot and demonstrate all the desired options. Use of computer simulations could help the Depot Use Team and other interested parties decide what would be the best option for final use.

Based on our experience with similar historic redevelopment projects our approach to the project will be to establish the design parameters. The Old Gainesville Depot Development Project Report describes in great detail many of the issues that need to be resolved for this to be a successful project. Once those issues are resolved we would produce scaled architectural and engineering construction drawings and specifications. Those drawings would include structural details for securing and stabilizing the structure, if it were to be moved. At this point in the design we would also produce color renderings or computer models of the restored depot to assist the interested parties to visualize the final product. After completion of the drawings we would be available to assist the city during the bidding, contractor selection and rehabilitation phase for Gainesville's Historic Railroad Depot.

We have assembled a multi-disciplined Team to meet the needs of the City of Gainesville for the Rehabilitation of the Historic Railroad Depot. The Team is comprised of architects, historical preservation specialists, civil/rail, structural, mechanical and electrical engineers. The function and reporting structure of our Team is illustrated on the attached Organizational Chart. This team is committed to producing a **high quality product** for the City of Gainesville, both **on time** and **within budget**. They will devote the necessary time to achieve this goal.

The Bergmann Team will also remain in constant contact with the Depot Park Landscape Architect who is an integral part of this project. In addition to face-to-face meetings and brainstorming events, the Bergmann Team will utilize the telephone, email and faxes to remain in contact with the Landscape Architect.

Eduardo Morales, Jr., PE -- Project Manager/Structural
Mr. Morales is a Project Manager/Structural Design Engineer with fourteen years experience in the management of civil, structural, and military projects. His responsibilities include Project Management and Structural Design of all projects assigned to the Jacksonville Office. His project background includes numerous structures and bridges for Florida Department of Transportation, US Naval Facilities Engineering Command, Port Authorities, the Army Corps of Engineers, and private industry. Mr. Morales started his career after receiving his BSCE from the University of Florida. His first employer was the Florida Department of Transportation where he was accepted into the Professional Engineering-training program.

James Durfee, AIA – Architecture/Historic
Mr. Durfee is recognized as an architect and community leader who has over 20 years experience. He has demonstrated an ability to negotiate challenging circumstances on a routine basis. An award winning designer, Mr. Durfee also has the management expertise to handle complex projects. His commitment to direct and personal involvement in projects is a hallmark of the firm's success. His design and management experience span a broad range of project types ranging from large-scale municipal projects, to smaller scale historic preservation projects. His projects are recognized for optimizing client resources using a common sense approach. He is also on the Board of Trustees for the Landmark Society of Western New York.

Robert McCubbin, PE -- Structural
Mr. McCubbin was the Project Manager for our Amtrak Passenger Station Rehabilitation project in Rome, New York. Mr. McCubbin has 24 years of experience in renovation, restoration, and new construction of buildings and associated site work. His experience covers all phases of design, scheduling, cost estimating, and construction activities. His project management duties include client communications, project coordination and scheduling, budget control, and team leading.

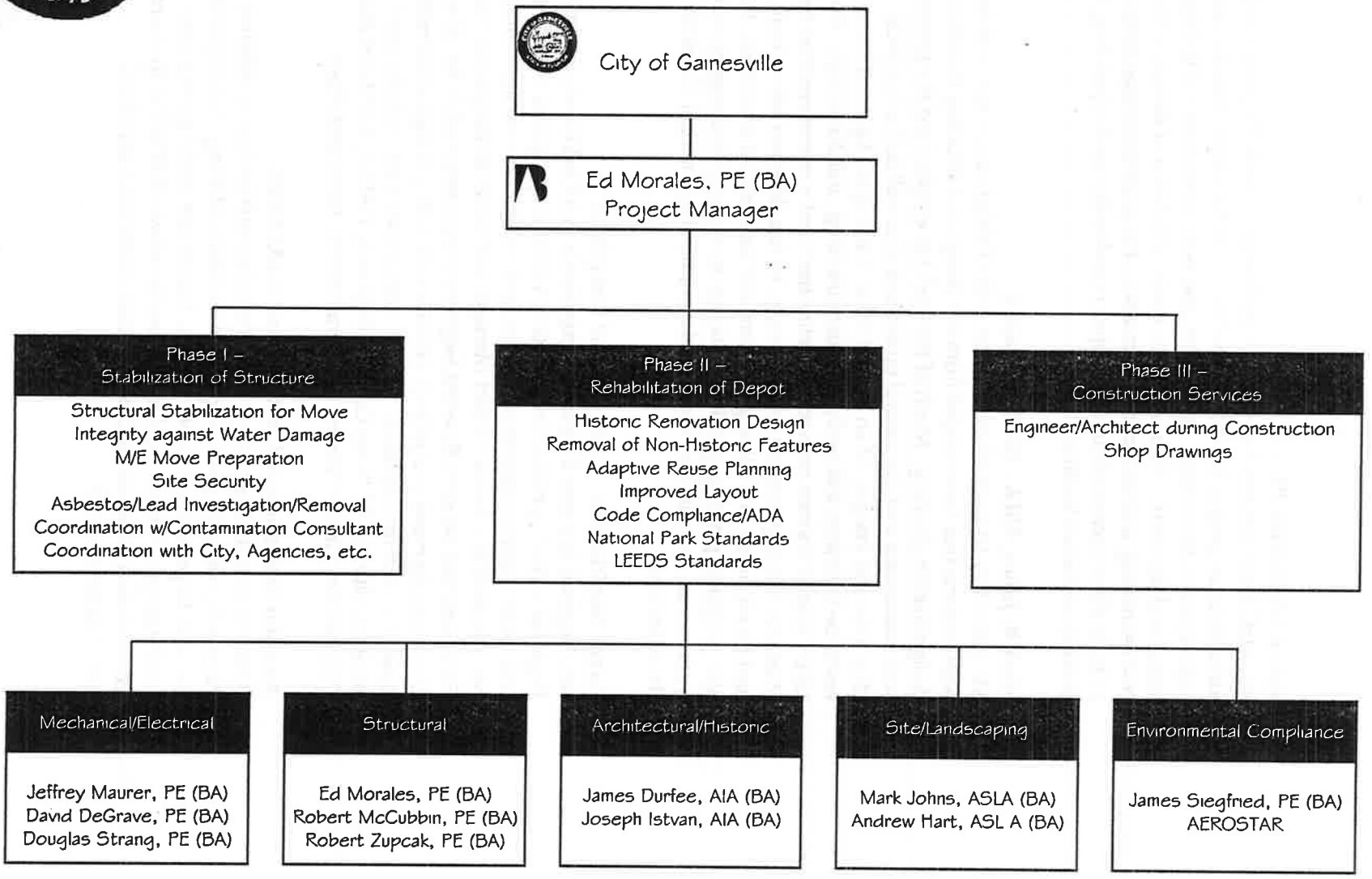
Mark R. Johns, ASLA – Site/Landscaping
Mr. Johns has 18 years of experience in the field of Landscape Architecture with projects that have ranged from site design and detailing to conceptual design/master planning. Much of his work has emphasized the preservation and maintenance of the natural environment as well as the historical character and integrity of an area. He has a strong background in natural resource inventory and analysis, master planning, and site design. He has taken several courses on wetland delineation and wetland creation from the Wetland Training Institute. Additionally, he has designed hiking trails, park and picnic areas, and other pedestrian and recreational amenities. He has also prepared planting, grading, vehicular access, and drainage plans for institutional, recreational, residential, commercial, and light industrial developments.

James Siegfried, PE – Environmental Compliance
Mr. Siegfried has over 21 years of experience as a Civil/Environmental Engineer including contaminated site remediation programs, water supply and wastewater management systems, and solid waste management projects. Mr. Siegfried is a Senior Project Manager and serves as Bergmann Associates Environmental Services Business Segment Leader responsible for all aspects of client development and project execution including design, construction, and operation and maintenance. Recent client experience includes work on projects with the US Army Corps of Engineers, DASNY, Lockheed Martin Corporation, General Electric, General Motors, Xerox and Pfizer.

Aerostar Environmental Services, Inc. (AEROSTAR)
AEROSTAR is a full-service environmental consulting firm established in November of 1992 providing comprehensive and integrated engineering services to private and public sectors. Experience working for private industry and State and Federal regulatory agencies allows AEROSTAR to maintain a commitment of providing cost effective solutions for our clients' environmental needs.

Rehabilitation of Gainesville's Historic Railroad Depot

BERGMANN associates



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rchitect-Engineer
nd Related Services
uestionnaire for
pecific Project

City of Gainesville, Florida

1. Firm (or Joint Venture) Name & Address:

ERGMANN ASSOCIATES, Inc.,

4 Hudson Place
Hoboken, NJ 07030

200 First Federal Plaza
28 East Main Street
Rochester, NY 14614

One Penn Ctr, Ste 1700,
1617 JFK Blvd
Philadelphia, PA 19103

Seven Parkway Center
Suite 1025
Pittsburgh, PA 15220

6711 Monroe Street
Bldg 2
Sylvania, OH 43560

115 West Allegan St
6th Floor
Lansing, MI 48933

40 LaRiviere Drive, Waterfront Village Ctr
Buffalo, NY 14202

7411 Fullerton Street, Suite 109
Jacksonville, Florida 32256

3a. Name, Title & Telephone Number of Principal to Contact:

1) John R. Murray, PE, Vice President (800) 724-1168
2) Eduardo Morales, PE, Jacksonville Office Manager (904) 363-3133

3b. Address of office to perform work, if different from Item 3:

7411 Fullerton Street, Suite 109
Jacksonville, Florida 32256

200 First Federal Plaza
28 East Main Street
Rochester, NY 14614

4. Personnel by Discipline: (List each person only once, by primary function.) Enter proposed consultant personnel to be utilized on this project on line (A) and In-house personnel on line (B).

(A) 2	(B) 30	Administrative	(A) 2	(B) 21	Electrical Engineers	(A)	(B)	Oceanographers	(A) 4	(B) 37	Engineering Techs
(A) 4	(B) 21	Architects	(A)	(B) 2	Estimators	(A)	(B) 5	Planners: Urban/Regional	(A)	(B) 4	Systems Analysts
(A)	(B) 1	Chemical Engineers	(A)	(B) 1	Geologists	(A)	(B) 1	Sanitary Engineers	(A)	(B) 3	Computer Systems Tech
(A) 2	(B) 22	Civil Engineers	(A)	(B) 5	Hydrologists	(A)	(B) 1	Soils Engineers	(A)	(B) 4	Digital Artists
(A)	(B) 22	Construction Inspectors	(A) 2	(B) 21	Interior Designers	(A)	(B) 1	Specification Writers	(A)	(B) 6	Rail Engineers
(A)	(B) 21	Draftsmen	(A) 2	(B) 4	Landscape Architects	(A) 3	(B) 40	Structural Engineers	(A) 2	(B)	Environmental
(A)	(B)	Ecologists	(A) 1	(B) 27	Mechanical Engineers	(A)	(B) 6	Surveyors	(A)	(B)	
(A)	(B)	Economists	(A)	(B)	Mining Engineers	(A)	(B) 24	Transportation Engineers	(A) 24	(B) 330	Total Personnel

5. If submittal is by JOINT-VENTURE list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm: (Attach SF 254 for each if not on file with Procuring Office.)

Not a Joint-Venture

5a. Has this Joint-Venture previously worked together? Yes No

SECTION IV

Please see Section Four

a. Project Name & Location	b. Nature of Firm's Responsibility	c. Project Owner's Name & Address and Project Manager's Name & Phone Number	d. Completion Date (actual or estimated)	e. Estimated Cost (In Thousands)	
				Entire Project	Work For Which Firm Was/Is Responsible
(1)					
(2)					
(3)					
(4)					
(5)					
(6)					
(7)					
(8)					
(9)					
(10)					

Project Name & Location	b. Nature of Firm's Responsibility	Phone Number	Complete	Project	Firm Was Respons
auquoit Creek Flood Protection ehabilitation /hitesboro, NY	Flood Control; channel, flood wall and levee design; drawings, specifications, cost estimates	US Army Corps of Engineers New York District New York, NY	95	$3,500	$330 (fee)
definite Delivery Contract (99-01) ngineering and Design Services istrict Wide	Various Navigation Facility Design and Construction Phase Services for Lower Monongahela River Improvements Project	US Army Corps of Engineers Pittsburgh District Pittsburgh, PA	80	N/A	$850 (fee) *
definite Delivery Contract (98-01) lulti-Discipline Military Projects omulus, NY	Mechanical, electrical, architectural, civil and structural work for base closure at Seneca Army Depot	US Army Corps of Engineers New York District New York, NY	35	N/A	$53 (fee) *
ndefinite Delivery Contract (99-02) Ocean Engineering Services	Engineering, inspection, analysis and design of near shore and offshore structures.	US Coast Guard Civil Engineering Unit Cleveland, OH	20	N/A	$220 (fee) *
					* Task Orders to Date

qualifications for the proposed project.

Please see Section One and Section Two

10. The foregoing is a statement of facts.

Signature: John R Murray Jr. Typed Name and Title: John R. Murray, Jr., PE, Vice President

Date: January 31, 2002

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Architect-Engineer
And Related Services
Questionnaire

7411 Fullerton Street, Suite 109
Jacksonville, Florida 32256

1a. Submittal is for ☒ Parent Company ☐ Branch or Subsidiary Office

4. Specify type of ownership and check below, if applicable.

	A. Small Business
	B. Small Disadvantaged Business
	C. Woman-owned Business

5. Name of Parent Company, if any:

5a. Former Parent Company Name(s), if any, and Year(s) Established:

6. Names of not more than Two Principals to Contact: Title/Telephone
1) John R. Murray, Jr., PE, Vice President (800) 724-1168
2) Eduardo Morales, PE, Jacksonville Office Manager (904) 363-3133

7. Present Offices: City / State / Telephone / No. Personnel Each Office

7a. Total Personnel 330

Rochester, NY	(716) 232-5135	204 people	Toledo, OH	(419) 824-0313	10 people
Buffalo, NY	(716) 689-3200	33 people	Lansing, MI	(517) 347-7535	10 people
Hoboken, NJ	(201) 653-2898	40 people	Pittsburgh, PA	(412) 928-1790	6 people
Philadelphia, PA	(215) 972-7640	17 people	Jacksonville, FL	(904) 363-3133	5 people
Ft. Lauderdale, FL	(954) 486-0010	5 people			

8. Personnel by Discipline: (List each person only once, by primary function.)

30	Administrative	21	Electrical Engineers	___	Oceanographers
21	Architects	1	Estimators	5	Planners: Urban/Regional
1	Chemical Engineers	___	Geologists	1	Sanitary Engineers
22	Civil Engineers	5	Hydrologists	1	Soils Engineers
22	Construction Inspectors	23	Interior Designers	1	Specification Writers
21	Draftsmen	4	Landscape Architects	40	Structural Engineers
___	Ecologists	27	Mechanical Engineers	6	Surveyors
___	Economists	___	Mining Engineers	24	Transportation Engineers

37	Engineering Techs		
4	Systems Analysts		
3	Computer Systems Techs		
4	Digital Artists		
6	Rail Engineers		

9. Summary of Professional Services Fees Received: (Insert index number)

	Last 5 Years (most recent year first)				
	2001 ___	2000 ___	1999 ___	1998 ___	1997 ___
Direct Federal contract work, including overseas	6	6	6	6	4
All other domestic work	8	8	8	8	8
All other foreign work *					

*Firms interested in foreign work, but without such experience, check here: ☐

Ranges of Professional Services Fees
INDEX
1. Less than $100,000
2. $100,000 to $250,000
3. $250,000 to $500,000
4. $500,000 to $1 million
5. $1 million to $2 million
6. $2 million to $5 million
7. $5 million to $10 million
8. $10 million or greater

SECTION V SECTION VI SECTION VI

10. Profile of Firm's Project Experience, Last 5 Years

Profile Code	Number of Projects	Total Gross Fees (in thousands)	Profile Code	Number of Projects	Total Gross Fees (in thousands)	Profile Code	Number of Projects	Total Gross Fees (in thousands)
1) 011	57	11,000	11) 56	100	9,000	21) 095	20	150
2) 021	200	5,000	12) 62	25	400	22) 097	13	100
3) 023	500	20,000	13) 66	200	15,000	23) 101	30	1,600
4) 025	5	150	14) 70	3	50	24) 106	35	1,100
5) 028	150	100	15) 78	6	100	25) 111	10	600
6) 033	30	300	16) 79	8	100	26) 114	6	50
7) 042	6	140	17) 89	50	1,800	27) 199	100	1,000
8) 046	10	10,000	18) 92	10	400	28) 203	20	1,000
9) 047	46	3,000	19) 93	37	20	29)		
10) 051	20	1,800	20) 94	220	100	30)		

11. Project Examples, Last 5 Years

Profile Code	"P," "C," "JV," or "IE"	Project Name and Location	Owner Name and Address	Cost of Work (in thousands)	Completion Date (Actual or Estimated)
030 036 043 047 051 062 080 083 087 089 091 094 101 102 105	Prime	1 Rehabilitation of 125th Street Station Manhattan, New York	New York City Transit Authority New York City, New York	14,000	1999
030 036 043 047 051 062 080 083 087 089 091 094 101 102 105	Prime	2 Rehabilitation of 5th Avenue Station Manhattan, New York	New York City Transit Authority New York City, New York	14,000	1999
015 023 047 087	Prime	3 Hollywood Station Hollywood, Florida	Florida DOT	N/A	2002
062 087 089 101	Prime	4 Rail Stations Assessment on the Keystone Corridor Pennsylvania	Amtrak Philadelphia, Pennsylvania	300 (fee)	2000
011 062 087	Prime	5 Pedestrian Bridge New London, Connecticut	Amtrak Philadelphia, Pennsylvania	4,000	2001
062 087 089 101 109 047	Prime	6 Amtrak Passenger Station Improvements Rome, New York	City of Rome, New York	2,000	2000
087	Prime	7 General Engineering Contract South Florida Rail Corridor	Florida Department of Transportation	1,000 (fee)	2001

087	ime	9 Phase III, Double Track Design South Florida Rail Corridor	F a Department of Transportation	12,000	9
011 089	Prime	10 General Engineering Contract New Jersey Transit	New Jersey Transit Authority New Jersey	3,000 (fee)	1995
011 046 062 079 087 097 102 104	Prime	11 TFM Railroad - Mainline Locomotive Fueling Facilities 3 Locations, Mexico	NB Service Group International Springfield, Missouri	14,000	1998
046 087 102	Prime	12 Statewide Rail Grade Crossing Program Michigan	Michigan Department of Transportation	3,000 (fee)	2000
087	Prime	13 Phase II Design and Engineering Port Morris Yard Expansion New Jersey	New Jersey Transit Authority	3,600	1997
011 023 047	Prime	14 Manayunk Historic Arch Bridge Rehabilitation Philadelphia, Pennsylvania	SEPTA Philadelphia, Pennsylvania	10,000	2001
011 046 087 097 102 104 112	Prime	15 Systemwide Operations Modeling South Florida Rail Corridor (TriRail)	Florida Department of Transportation	30 (fee)	1999
021	Prime	16 Construction Inspection/Management Term Agreement	New York City Transit Authority	N/A	1999
011 087 097 102	Prime	17 Conrail Bridge Clearance GEC Contract (Pennsylvania Double Stack Clearance Project)	Conrail Philadelphia, Pennsylvania	2,500	1996
011 015 023 087 089 092 101 106 199	Prime	18 Jamaica Bay Swing Bridge Rehabilitation Modifications and Rehabilitation	New York City Transit Authority	10,500	1996
087 101 102 104	Prime	19 Railroad Access to Epsilon Products Marcus Hooks, Pennsylvania	Sun Refining & Marketing Marcus Hooks, Pennsylvania	3,400	1992

101 102 107	Prime	20 Bridge Road over Various Railroads City of Lackawanna, New York	New York State Department of Transportation	13,800	1993
087 101 102 104	Prime	21 Tank Car Wash Facility and Rail Storage Yard Marcus Hook, PA	Epsilon Products Co. Marcus Hooks, Pennsylvania	1,800	1994
011 023 087 101	Prime	22 Market Street Elevated Preliminary Engineering Philadelphia, Pennsylvania	SEPTA Philadelphia, Pennsylvania	1,200 (fee)	1992
011 087 101 102 104	Prime	23 Wimpey Minerals Siding & Bridge Annville, Pennsylvania	Wimpey Minerals Annville, Pennsylvania	1,600	1991
011 023 087 101 107	Prime	24 Replacement of Railroad Bridges over Bevier Street Binghamton, NY	New York State Department of Transportation	2,000	1991
011 015 023 028 089 066 101 106 107	Prime	25 Veterans Memorial Bridge Inspection & Rehabilitation Rochester, New York	New York State Department of Transportation	7,500	1997
015 023 066 101 106 199	Prime	26 Indefinite Delivery Contract	United States Army Corps of Engineers St. Louis District	22,000	2002
015 023 028 066 106 109	Prime	27 Wyoming Valley Flood Projection Project Levee Raising Wyoming Valley, Pennsylvania	United States Army Corps of Engineers Baltimore District	100,000	1998
015 023 028 066 101 106 199	Prime	28 Troy Lock and Dam Rehabilitation Hudson River/Barge Canal NYS Barge Canal	United States Army Corps of Engineers New York District	4,000	1995
011 015 023 024 028 047 089 092 101 106 202	Prime	29 Structural, Mechanical & Safety Rehabilitation of the Court Street Dam on the Genesee River NYS Barge Canal	New York State Thruway Authority Offices of Canals	450	1995
015 023 028 066 106	Prime	30 Sauquoit Creek LFP Whitesboro, NY	United States Army Corps of Engineers New York District	326	1999

12. The foregoing is a statement of facts

Signature: John R Murray Jr. Typed Name and Title: John R. Murray, Jr., PE, Vice President

Date: January 31, 2002

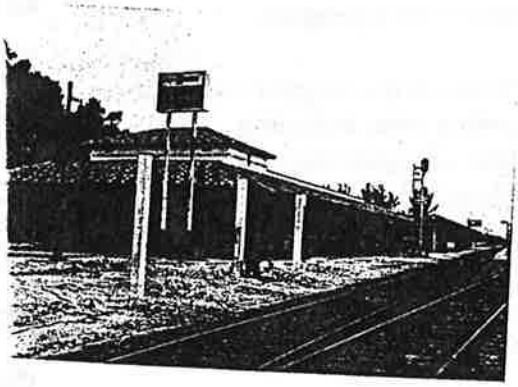
Section Four – Related and Relevant Experience

Bergmann Associates brings extensive experience with historic adaptive use to this project. Several of our projects involve current work with historic rail structures. These include: 1) Hollywood, Florida Amtrak Station (exterior restoration and partial conversion to rail museum); 2) Rochester, New York Train Depot (restoration and conversion to new use as part of public private partnership); and 3) Rome, New York Amtrak Station (under construction as restored, active station).

In addition, our firm has a specialty in historic restoration working closely with the secretary of the interior's standards for historic rehabilitation and individual state historic preservation offices. In Florida, we are currently coordinating the Hollywood Amtrak Station project through the State of Florida Secretary of State's office. In New York State, our firm's work has led to the successful completion of many projects as nationally certified rehabilitations.

Our firm has a unique relationship with the Genesee Country Village and Museum in Mumford, New York. We have been advising this organization for over 20 years and have participated in the moving (relocation) and restoration of many of the museum's historic structures. We have experienced staff who have worked closely with building movers in properly coordinating and specifying the relocation of historic structures.

Hollywood Train Station Rehabilitation -- Florida DOT



Bergmann Associates recently completed construction documents for Phase 1 of this project, which includes the structural rehabilitation of the existing **80 year-old historic** timber-framed train platform canopy, and other improvements such as sidewalks, curbs, planters, canopy roof drainage improvements, and other amenities.

Phase 2, currently being designed, will consist of the **historic renovation of the original station building** which contains Amtrak ticketing, waiting room, restroom, and baggage handling facilities. The station exterior will be maintained in its original classic Mediterranean style. This facility has been designated as an historic landmark because of its longstanding role in the development of the Hollywood, FL area, with respect to transportation of people and goods.
Reference: Richard Pereira, PE 954-777-4689

Amtrak Passenger Station -- City of Rome, New York

Bergmann Associates evaluated and prepared needs assessments of the Rome Train Station complex with primary focus on three major areas – the Station Building, Passenger Tunnel and the Platform. The initial goal of this project was an evaluation and recommendations of improvements in order to address structural deterioration and leakage; offer passengers a more user-friendly facility; and address compliance with ADA requirements, as well as those of CSX and AMTRAK.

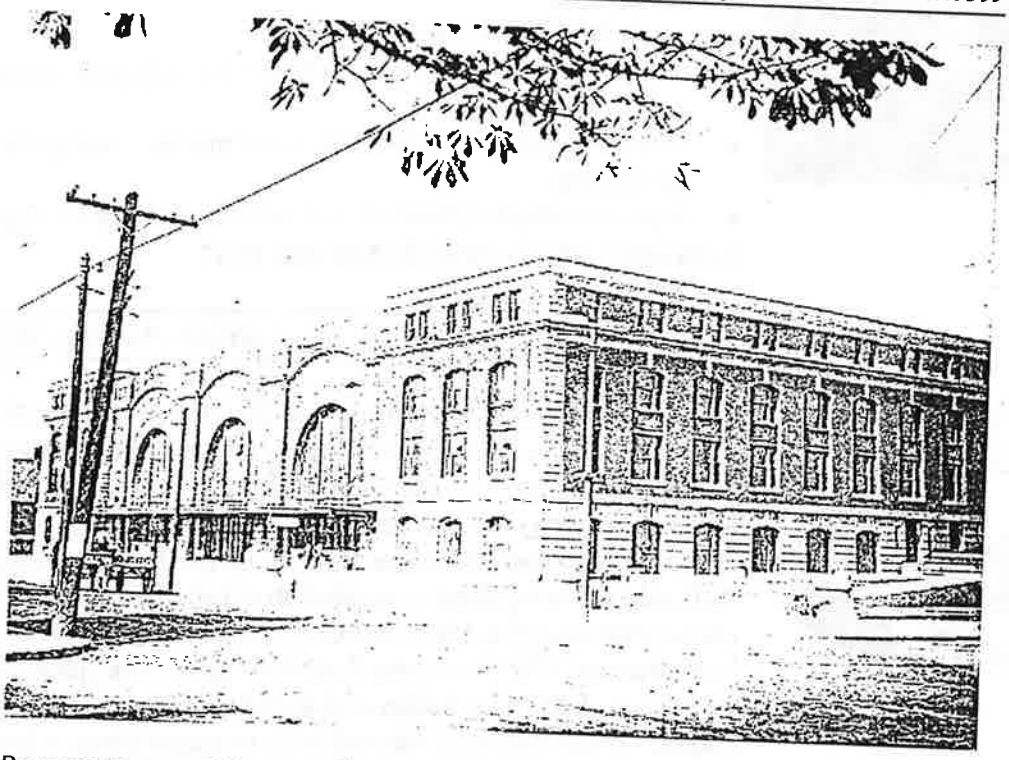
Station: The station, including the freight area, was evaluated for various aspects including heating and ventilation, environmental, ADA compliance and structural conditions including the roof system. Various renovation options were considered, as was demolition of the station or a portion of the station building.

Platform: The center platform and overhead canopies need to be renovated and upgraded to comply with ADA and meet AMTRAK passenger service standards as well as CSX's regulations.

The first phase completed an extensive evaluation of all of the physical features and mechanical/electrical systems of the station building (roof, windows, walls, etc), tunnel and platform/canopies. These were evaluated and prioritized according to their condition. This evaluation resulted in a comprehensive assessment report that thoroughly reviews the entire facility, prioritizing the recommended repairs and improvements as candidates for capital funding in the future. Subsequent steps in the project will be the final design and construction administration of the approved improvement program.

Tunnel: The tunnel was evaluated for continued use as the singular means of access to the center platform from the station waiting area, including incorporation of a new elevator. Water infiltration was addressed using means to maintain full train service and tunnel usage during construction. Other means of access, from the station directly into the passenger tunnel area were also considered. Either means must comply with current ADA needs and meet the requirements of Amtrak and CSX. Cost comparisons for both were provided. **Reference: Robert Comis 315-339-7625**

Rochester Amtrak Station -- Genesee Transportation Council



Bergmann Associates is performing a feasibility study for the Genesee Transportation Council who is considering the replacement of the existing station. The current station, which is located on the site of **Claude Bragdon's New York Central Railroad Station**, is being considered for replacement due to the potential for high-speed rail service to the Rochester area. Analysis of the adjacent neighborhoods and existing building uses have given clues to economic development opportunities. Bergmann Associates is working closely with local real estate developers to maximize the potential benefits to the surrounding areas. Issues which are key to the feasibility study include; building image, location of building on site, access to tracks, parking, link to the community and nearby transit center, economic development of the adjacent neighborhoods. **Reference: Steve Gleason 585-232-6240**

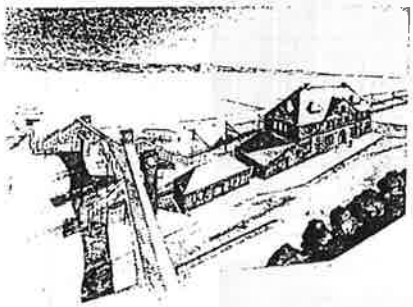
Ellison Park Improvements -- Monroe County

Bergmann Associates completed the planning and design for the rehabilitation and improvements to a 444-acre County park. This project included the **rehabilitation of Fort Schuyler**, a log-cabin replica of an 18th century trading post. Other Highlights of the project include:

- site located on 2 hillsides with potential for erodible soils
- design and location of a 4 unit restroom facility along with necessary utility improvements
- upgrade of existing pedestrian trails to accommodate handicapped accessibility
- upgrade of existing signage
- reconstruction and expansion of the existing parking area and pedestrian trails
- utilized environmentally friendly stormwater management techniques for pond areas
- close coordination/involvement with very active local groups

Reference: David Renaldo 585-256-4955

Pedestrian Access Facility -- Amtrak



Bergmann Associates performed the final design and bidding services for a $6.5 million new pedestrian access facility in New London, CT. This three-span structure provides access from City parking garage to the Amtrak station to train platforms and then to a new Ferry Terminal. Done in conjunction with new high-level platforms by Amtrak, the bridge spans are 140', 42', and 101', and are comprised of welded steel tube section through trusses. The center span over the Northeast Corridor tracks is designed as a Vierendeel truss structure with 36' (transverse) floor span. The spans feature standing seam roofs, fully glazed sides and architecturally pleasing curved bottom truss chords. Three new steel framed brick masonry elevator towers and steel stairway facilities provide vertical transportation. Design employed cast-in place concrete main piers using a combination of micro-pile and conventional H-pile foundation systems.

Reference: Ken Kulick 215-349-2730

Brown's Race

This project involved the restoration and renovation of an abandoned, fire damaged, masonry building in the City of Rochester's historic flour milling district. The building was fully **restored in accordance with strict historic preservation standards.** This renovation provided offices for a small, but growing, architectural firm. Screen walls on continuous hardwood flooring define work areas while maintaining the open quality of the existing space. The conference room volume is a central organizing element, which defines circulation and provides a counterpoint to the planar screens. This project was the Winner of the 1987 AIA Rochester Citation of Merit.

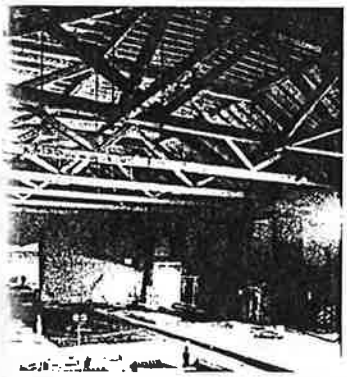
Reference: James Durfee 585-586-9611

Restaurant/Game Room -- Jillians Entertainment

Jillians Entertainment, a Louisville based restaurant/game room developer, commissioned Bergmann Associates to provide full architectural, mechanical, electrical, structural and civil engineering service for the **renovation of the historic Trolley Barn Building** in Rochester's High Falls area. This unique facility consists of:

- *a 40 ft. "power bar"*
- *a sports café*
- *16 billiard tables*
- *16 bowling lanes*
- *7,000 sf. virtual reality game room*
- *a dance/night club*
- *private party rooms*
- *2 outdoor decks overhanging the raceway, with a view of the river gorge*

In addition, there are 25- 60" TV screens, sculptured ceilings throughout, cosmic bowling that has a 10 foot screen at the end of the lanes to provide a graphic when you make a strike (such as showing a building exploding) or to show a replay of your strike. There is a lounge connected to the bowling lanes called "Lucky Strike" with a late 50's early 60's decor. There is also a glass elevator, a stage for live entertainment and a cigar room.



The renovation of this existing abandoned industrial building into an entertainment and dining complex included extensive structural modifications and repairs to existing 20 inch thick load-bearing brick masonry walls.

Modifications included multi-stage removal of brick and installation of steel framing to create new door openings in areas where the walls support large long-span roof trusses. Repairs consisted of epoxy injection to restore structural integrity to the wall in areas having large cracks.
Reference: Fashun Ku 585-428-6808

Historic Restoration -- Jonathan Child House

Listed in the **National Register of Historic Places**, the Jonathan Child House was constructed in **1835** for Rochester, New York's first mayor. This National Landmark, together with the adjacent Brewster-Burke house, comprises the **Jonathan Child National Historic District**.

Bergmann Associates purchased this 6,000 sq. ft. structure to house our architecture, interior design and site development groups. At that time, we began a comprehensive restoration program designed by our own architects, interior designers, structural, mechanical and electrical engineers.

Close coordination with New York State Historic Preservation office was required to complete the project. Architectural and interior improvements were designed to enhance space layouts, remodel/retrofit areas and provide new furnishings and finishes throughout. The twin front parlors, each featuring antique, cut-glass chandeliers and black and gold Italian marble fireplaces, were converted to our formal conference room. Under strict covenants, the unused third floor was restored to house our Architectural Services group. The basement was structurally stabilized and remodeled into a computer area.

Mechanical and electrical work included the complete replacement of all HVAC systems, design of a special lighting system, which received an Award of Merit from the Illuminating Engineering Society, new power and security systems and computer and communications tie-ins to our central office facility up the street.

The second phase of the restoration program concentrated on exterior improvements, including restoring and repairing the five 30-foot high Corinthian columns across the front portico. A contractor specializing in historic restoration was brought in to reproduce the ornate column caps, replacing the deteriorated metal and wood pieces with exact replicas fashioned out of fiberglass. The wooden column shafts were repaired or replaced, and new bases were designed to prevent moisture from being drawn up into the column interiors.

The stucco covering the structure was repaired and painted. With the assistance of a color analysis, a close paint match to the original color was achieved. Other exterior work included repairs to the wooden cornice at roof level, restoring the north and south porticos (each with twin 11-foot high Ionic columns) and replacing the northeast chimney. The work was completed with a series of landscaping improvements.

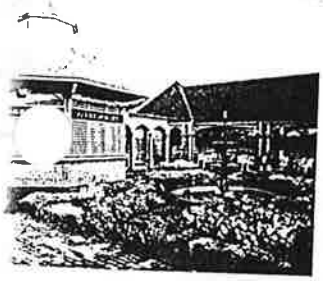
Reference: Joseph J. Istvan 585-232-5135

Victorian Bandstand -- Genesee Country Village & Museum

This project is the recreation of a **19th Century Bandstand**, based on historic research. The below state level is for storage. The main level is a prominent, central stage for concerts and events in the "great meadow." This project provided historically appropriate spaces and a functional, attractive facility serving this highly respected historic and cultural museum. This project won the 1978 AIA Rochester Design Award.

Reference: Stuart Bolger 716- 538-6822

Victorian Refreshment Pavilion – Genesee Country Village & Museum



A new restaurant building located in the **Victorian Section** of the Genesee County Museum. This project provided historically appropriate interior and exterior spaces serving this **highly respected historic and cultural resource.** This project included a central garden court surrounded by a dining terrace. The kitchen is housed in a separate, central pavilion. This project won the 1982 AIA Rochester Design Award.

Reference: Stuart Bolger 716- 538-6822

Ontario Beach Park – Monroe County

A multi phase restoration project to breathe new life into an existing county park. Phases included restoration of the carousel, renovation of the bathhouse, new boardwalk, gazebo, band shell, and restoration of picnic pavilions. This project allows the residents of the county to experience the beach and a sense of the **Victorian Architecture** of the past.
This project won the 1984 and 1994 AIA Rochester Design Awards.

Reference: David Renaldo 585-256-4955

Seabreeze Amusement Park

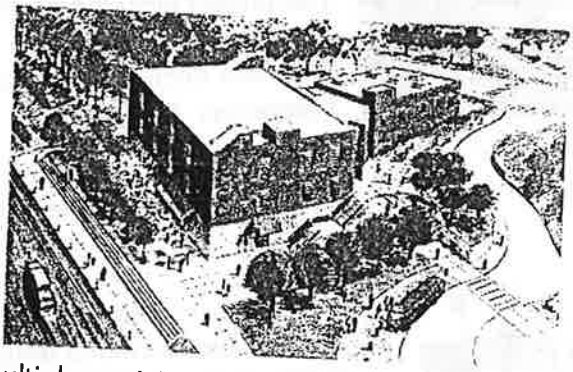
Bergmann Associates has a long-standing relationship with Seabreeze Amusement Park and perform a lot of work on an "as-needed" basis. Below are some examples of work done at this park:

- Designed the carousel and arcade building replacements after the old structures burned down

- Parking lot expansion
- Quantum Loop development - site design, environmental studies, noise studies, approvals processing
- Precise survey and mapping for repairs and redesign of Quantum Loop rail system
- Lazy River - water park ride site design and approval processing
- Backflow prevention device studies, design, permitting throughout park
- Maintenance garage design
- Site Master Plan survey and mapping
- Drainage studies for park to justify expansions
- Wave Pool site design and permitting
- Architectural assessment of Carousel building for insurance loss
- Boundary surveys
- Design plans and approvals processing for reclamation of environmentally sensitive abandoned site for incorporation into the park as expanded parking area and pavilion site

Reference: Anne Norris 585-323-1900

Erie Canal Cultural Center – Wayne County



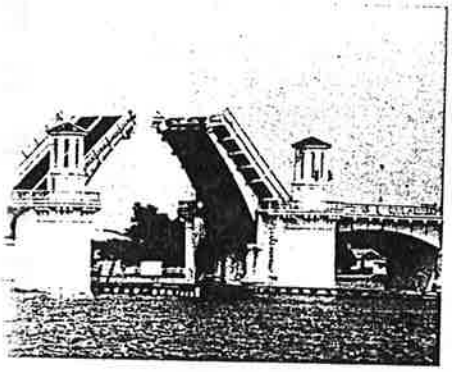
Renovation and additions to a historically significant building and site on the Erie Canal. The ECCC project will represents the most unique approach to small community revitalization while providing a regional impact. The project acts as the center of canal oriented artwork, history and activity. A cooperative project that includes the input of multiple participants forming a unique, arts oriented facility. Design work includes site master planning with multiple interpretive elements, a new central atrium display space, and a respectful renovation of the existing structures.

Reference: James Coloumbe 315-946-5657

Bridge of Lions -- Florida DOT

Bergmann Associates performed the detailed inspection and preliminary design of the historically registered Bridge of Lions, a Scherzer-type rolling lift bridge in St. Augustine, Florida, the country's oldest city. Because of its **historic nature**, FDOT wanted to rehabilitate the bridge instead of replacing it. Bergmann Associates first determined if it was financially

feasible – or even possible – to rehabilitate the bridge or if complete replacement is required and convert it to some form of hydraulic drive system.

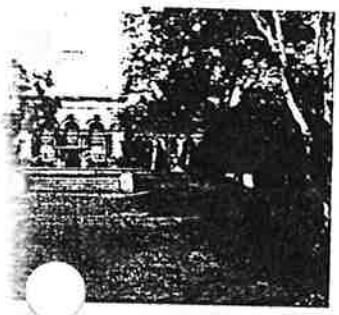


We inspected and evaluated the bridge drive train including the drive motor, brakes, enclosed gearbox, shafting, bearings and couplings. Special attention was paid to the condition of the main pinion and rack and the segmented girder and track to verify relative alignment, lubrication and possible distress. The entire electrical power and control systems were also closely inspected.

An in-depth report addressing and evaluating all deficiencies was written, including rehabilitation alternatives under either short term or long tern improvement plans.

Our deliverables to FDOT included a complete inspection report with deficiencies, recommended remediation and cost estimates. Also included was a conceptual design and cost estimate for a new replacement bridge on a parallel alignment. Presently FDOT is considering which alternative (rehabilitation or replacement) to pursue.
Reference: Joel Glen 904-961-7000

Historic Rehabilitation
Fairmount Park Memorial Hall



When Fairmount Park's Memorial Hall, a **National Historic Landmark built in 1875**, was in need of major structural, mechanical and electrical improvements, Bergmann Associates performed an inspection of the building and provided general recommendations and cost estimates for immediate and future improvement needs.

The building, constructed as an art museum for the City of Philadelphia's centennial celebration of 1876, continued to function as the Pennsylvania Museum of Art until the 1930's and then gradually fell into disuse. In the late 1950's and early 60's, rehabilitative measures were undertaken which included the conversion of the perimeter exhibition halls into 24,000 feet of office space and other areas into a basketball court, tennis court and swimming pool. Presently, the building is primarily used as office space for the Fairmount Park Commission and the Philadelphia Police Department. The Grand Hall, with its ornamental glass dome, is available to the public as an exhibition space or a banquet area.

In our structural inspection we examined the following components:

- the structural steel and framing supporting the Grand Hall and Dome
- all interior walls, floors, and ceilings
- the roof, flashing and drainage system for the entire building except for the dome
- the exterior of the building
- entrances, exits and stairways

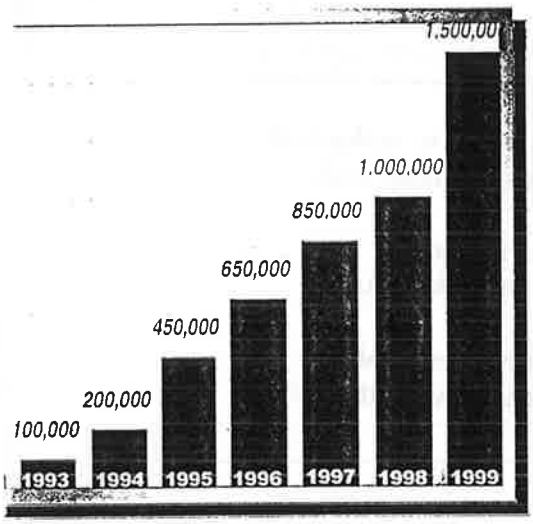
The mechanical and electrical inspection included an examination of the HVAC system, the heating system (including possible heat-loss prevention measures), the plumbing system, fire and safety alarm systems, the electrical power distribution system and the lighting system. We also conducted a cursory inspection of several miscellaneous building components such as the asbestos level, handicapped access facilities and acoustics.

Section Five -- Identification of Subcontractors

Bergmann Associates has all the necessary capabilities in-house to perform all aspects of this contract with the exception of the **asbestos and lead** work.

To assist us with the asbestos and lead investigation, analysis and any potential remediation, we have added to our team the firm of **Aerostar**.

Based in Jacksonville, Aerostar (D/WBE) is an excellent environmental firm and is fully certified to accomplish all the asbestos and lead services that this project could require.



OSTAR's growth is directly
butable to repeat business - over 80%
ur revenues are repeat clients

CORPORATE SUMMARY

Aerostar Environmental Services, Inc. (AEROSTAR) is a full-service environmental consulting firm established in November of 1992 providing comprehensive and integrated engineering services to private and public sectors. Experience working for private industry and State and Federal regulatory agencies allows ***AEROSTAR*** to maintain a commitment of providing cost effective solutions for our clients' environmental needs.

AEROSTAR is a registered engineering and geological firm providing environmental consulting, waste management and technical services. ***AEROSTAR*** uses the latest technological and innovative strategies to maintain our position as a front runner in the environmental and hydrogeological consulting industry.

EROSTAR has at their disposal a full staff of technical, professional and administrative personnel. ***STAR*** staff are carefully selected, multi-disciplinary personnel with advanced educational training and on experience in their area of specialization. Through various associations, our staff can acquire mentary manpower resources as needed for project-specific purposes.

EROSTAR specializes in performing environmental and engineering services with emphasis on total t management and quality assurance/quality control geared to today's environmental business climate.

EROSTAR provides services throughout the Southeast with offices in Florida and South Carolina. ***STAR*** is a highly respected, professional firm and maintains excellent working relationships with clients deral, State and Local regulatory agencies.

STANDARD FORM (SF) 254
Architect-Engineer and Related Services Questionnaire

Aerostar Environmental Services, Inc.
11200-1 St. Johns Industrial Parkway North
Jacksonville, Florida 32246

1a. Submittal is for ☒ **Parent Company** ☐ **Branch or Subsidiary Office**

4. Specify type of ownership and c below, if applicable. Corporatio

X	**A. Small Business**
	B. Small Disadvantaged Business
X	**C. Woman-owned Business**

5. Name of Parent Company, if any:

5a. Former Parent Company Name(s), if any, and Year(s) Established:

6. Names of not more than Two Principals to Contact: Title / Telephone

1) K. Dawn Blackledge, P.G. — President — (904) 565-2820
2) Philip E. Elson — Vice President — (904) 565-2820

7. Present Offices: City / State / Telephone / No. Personnel Each Office

Jacksonville, Florida
Telephone: (904) 565-2820
FAX: (904) 565-2830
Number of Personnel: 20

Mt. Pleasant, South Carolina
Telephone: (843) 971-2689
FAX: (843) 971-6492
Number of Personnel: 1

7a. Total Personnel 21

8. Personnel by Discipline:

4	Administrative	1	Draftsmen	1	Hydrologist
1	Asbestos Specialists	1	Environmental Engineers	1	Lead Specialists
1	Chemists	2	Environmental Technician	1	Hazardous Waste Specialist
2	Civil Engineers	5	Geologist	1	Brownfields Specialist

9. Summary of Professional Services Fees Received:

Last 5 Years (most recent year first)

	2000	1999	1998	1997	1996	1995
Direct Federal contract work, including overseas	1	0	1	1	1	1
All other domestic work	5	5	5	4	4	3
All other foreign work*	0	0	0	0	0	0

* **Firms interested in foreign work, but without such experience, check here:** ☒

Ranges of Professional Services Fees
Index
1. Less than $100,000
2. $100,000 to $250,000
3. $250,000 to $500,000
4. $500,000 to $1 million
5. $1 million to $2 million
6. $2 million to $5 million
7. $5 million to $10 million
8. $10 million or greater

10. Profile of Firm's Project Experience, Last 5 Years

Profile Code	Number of Projects	Total Gross Fees (in thousands)	Profile Code	Number of Projects	Total Gross Fees (in thousands)	Profile Code	Number of Projects	Total Gross Fees (in thousands)
1) 004	6		7) 114	50		13) 110	8	
2) 028	25		8) 115	6		14) 117	6	
3) 033	100		9) 201			15)		
4) 097	39		10) 202			16)		
5) 099	22		11) 005	5		17)		
6) 106	50		12) 104	12		18)		

11. Project Examples, Last 5 Years

Profile Code	"P", "C" "JV", or IE"	Project Name and Location	Owner Name and Address	Cost of Work (in thousands)	Completion Date (Actual or Estimated)
10, 033, 117	C	1) Palafox Commerce Park Escambia Treatment Company Superfund Reuse Plan - Escambia County Pensacola, Florida	Landers-Atkins Planners, Inc. 201 North Hogan Street, Suite 400 Jacksonville, Florida 32202	15	11/2000
033	C	2) Remedial Investigation/ Feasibility Study - City of Jacksonville Incinerator Ash Sites Jacksonville, FL	CH2MHILL 9428 Baymeadows Road, Suite 200 Jacksonville, FL 32256	155	12/2001
033, 005, 114, 106, 076, 104, 028	C	3) General Environmental Services Contract - Jacksonville Port Authority Aviation Division Jacksonville, Florida	Jacksonville International Airport P.O. Box 3005 Jacksonville, FL	200	2002
033, 106	P	4) Environmental Site Assessment Services Winn-Dixie Stores Florida and Southeastern United States	LeBoeuf, Lamb, Greene & MacCrae 50 North Laura Street, Suite 2800 Jacksonville, Florida 32202	140	1999-Ongoing
033, 106, 076, 028	P	5) Contamination Assessment and Remediation Services - Jacksonville Public Works Jacksonville, Florida	City of Jacksonville - Public Works 220 East Bay Street 32202 Jacksonville, Florida	800	12/1999
110, 117, 033	C	6) Brownfields Geographical Information System - City of Jacksonville Planning and Development Jacksonville, Florida	City of Jacksonville Planning and Development Department 128 E. Forsyth Street Jacksonville, FL 32202	10	6/2000
033, 078	P	7) Beaver/Myrtle Community Redevelopment Area-wide Environmental Site Assessment Jacksonville, Florida	City of Jacksonville 128 E. Forsyth Street Jacksonville, FL 32202	35	11/2000
033, 117, 110, 106	P	10) Commodore Point Brownfield Redevelopment Project Jacksonville, FL	Commodore Point, LLC c/o McNamara Associates 1068 Magazine Street New Orleans, LA 70130	500	12/2002

		Various sites throughout the United States	Jacksonville, Florida 32202		
033		12) Phase I and II Environmental Site Assessment Services - Heller Financial Southeastern, United States	Heller Financial, Inc. 900 Circle 75 Parkway, Suite 900 Atlanta, GA 30339	8	Ongoing
033, 106	P	13) Phase I and II Environmental Site Assessment and Geotechnical Services -Towercom Southeastern, United States	Towercom Atlanta, LLC 230 Peachtree Street, NW, Suite 2705 Atlanta, GA 30303-1515	30	Ongoing
033, 106	P	14) Emergency Spill Response Environmental Assessment Services -Environmental Recovery, Inc.	Environmental Recovery, Inc. 251 Levy Road P.O. Box 330569 Atlantic Beach, FL 32233-0569	50	Ongoing
033, 106, 099	P	15) Landfill Site Investigation and Phase II Environmental Site Assessment - Wright Dairy Farm Green Cove Springs, FL	Peters Creek Investment 2000 Wells Road Suite B Orange Park, FL 32073	50	Ongoing
106, 033, 114	P	16) St. Johns DRI Surface Water Monitoring St. Augustine, FL	Davidson Realty, Inc. 101 East Town Place, Suite 200 St. Augustine, FL 32092	20	Ongoing
033, 106	P	17) Facility Decontaminatio, Hazardous Mateials and UST Removal/Assessment Services Central and Southern Florida	Seminole Tribe of Florida 6300 Stirling Road Hollywood, FL 33024	70	1/2001
033	P	18) Contamination Assessment and Remediation Plan Various Sites Throughout Jacksonville	City of Jacksonville/ Fleet Management 2581 Commonwealth Avenue Jacksonville, Florida	200	Ongoing
033	P	19) Site Assessment Services Jacksonville Beach, Florida	City of Jacksonville Beach Eleven North Third Street Jacksonville Beach, Florida	80	Ongoing
033, 106, 076	P	20) Site Assessment Services and Tank Removals Various Sites Throughout Jacksonville Jacksonville, Florida	Jacksonville Electric Authority 21 West Church Street Jacksonville, FL 32202	750	Ongoing
033	C	21) Asbestos Surveys Various Sites Throughout Jacksonville Jacksonville, Florida	Jacksonville Transportation Authority 110 North Myrtle Avenue Jacksonville, FL 32202	3.5	Ongoing
033	C	22) Phase I Environmental Site Assessment Services Various Sites Throughout Florida	Affordable Housing Solutions for Florida 2730 SW 3 Avenue, Suite 202 Miami, Florida 33129	5	1999
033	C	23) Phase I Environmental Site Assessment Services Various Sites Throughout Florida	SouthTrust Bank 1301 Riverplace Boulevard Jacksonville, Florida 32207	11	Ongoing

033, 106	C	24) Powers Avenue Warehouse 2951-53 Powers Avenue Jacksonville, Florida	M & K Partners 1840 University Blvd. Jacksonville, Florida Real Estate Recovery 927 Clint Moore Road Boca Raton, Florida	10	Ongoing
033, 097, 201	P, C	25) City of Fernandina Beach Phase I Environmental Site Assessment Fernandina Beach, Florida	City of Fernandina Beach Post Office Box 668 Fernandina Beach, Florida	40	Ongoing
033	C	26) Phase I Environmental Site Assessments and Phase I Environmental Site Assessment Updates Various Sites in Northeast Florida	V.R. Business Brokers 8380 Baymeadows Road, Suite 12-C Jacksonville, Florida	2	1999
028, 033	P	27) Wetlands Delineation Services State Road A1A Fernandina Beach, Florida	Mr. Curtiss Lasserre 304 State Road 200/ A1A Amelia Island, Florida	100	Ongoing
201	P	28) Little Basket Food Store Green Cove Springs, Florida	J.P. Hall c/o Peter Eyrick Clay Oil Corporation Doctor's Inlet, Florida	50	Ongoing
028, 033	P	29) Wetlands Delineation Services Lone Star Pond Sites Jacksonville, Florida	Aikenhead & Odom 5730 Bowden Road Jacksonville, Florida	6	1999
201	P	30) Florida Community College at Jacksonville Jacksonville, Florida	Florida Community College at Jacksonville 501 West State Street Jacksonville, Florida	70	1999
201	P	31) Dunkin Donuts 3301 South Dale Mabry Highway Tampa, Florida	Dunkin Donuts P.O. Box 317 Randolf, MA	35	1998
033, 028, 201	C	32) Kings Bay Naval Base Environmental Studies Kings Bay, Georgia	Florida Equipment Sales 3626 Phoenix Avenue Jacksonville, Florida	100	1998
028, 033, 201	C	33) Wonderwood Connector Phase I/II Environmental Site Assessments NAS Jacksonville, FL	Jacksonville Transportation Authority 100 Myrtle Avenue Jacksonville, Florida	120	1998
201	P	34) U-Haul Services 802 North Main Street Gainesville, Florida	U-Haul Environmental Services 802 North Main Street Gainesville, Florida	10	1997
201	P	35) Petroleum Site Assessment & Remedial Action Tallahassee, Florida	Confidential Client Tallahassee, Florida	35	1996
201	P	36) Mixon Country Store Hazardous Waste Assessment Bonifay, Florida	FDEP Reimbursement Section 2600 Blair Stone Road Tallahassee, Florida	20	1996
033	C	20) Phase I Environmental Site Assessment Services Various Shopping Center Sites Various Sites Throughout Florida	Alan J. Marcus Aventura Corporate Center Aventura, Florida	8	Ongoing

		St. Mary's, Georgia	Live Oak, Florida		
033	C	22) Phase I Environmental Site Assessment Services Scott Mill Landing Jacksonville, Florida	Southeast[illegible]d Corporation 11000 Beach Boulevard Jacksonville, Florida	1.1	July - 98
033, 114	C	23) Phase I and II Environmental Site Assessment Services Lucky S Nursery Jacksonville, Florida	Dawson Development Company 320 East Adams Street Jacksonville, Florida	3.3	July - 98
201	C	23) National Guard Armory St. Augustine, Florida	Florida Department of Military Affairs P.O. Box 1008 St. Augustine, Florida	60	June - 98
033	C	24) Phase I Environmental Site Assessment Services Proposed Publix Shopping Center Middleburg, Florida	Hadden Engineering 1233 Kingsley Avenue Orange Park, Florida	1.6	June - 98
033, 004	C	25) Asbestos Survey North Florida Spring and Brake Jacksonville, Florida	North Florida Spring and Brake 3160 West Beaver Street Jacksonville, FL	0.7	April - 98
201	C	26) Lead Based Survey Fort Jackson Ft. Jackson, South Carolina	Fort Jackson Department of Army Ft. Jackson, South Carolina	50	April - 98
033	C	27) Contamination Stigma Study Eleven Sites, Duval County Jacksonville, Florida	Florida Department of Transportation 2250 Irene Street MS 2814 Jacksonville, Florida	15	March - 98
033	C	28) Plantation Oaks State Route 210 Ponte Vedra, Florida	NationsBank 8130 Baymeadows Circle West, #206 Jacksonville, Florida	2	March - 98
033	C	29) 850- Acre Undeveloped Parcel A1A & Edwards Road Callahan, Florida	Southeast Land Corporation 11000 Beach Boulevard Jacksonville, Florida	2	Dec - 97
033	C	30) Contamination Screening Evaluation Ft. Caroline Road Corridor Jacksonville, Florida	City of Jacksonville Dept. of Public Works 220 East Bay Street Jacksonville, Florida	3	Oct - 97
033	C	31) BP Service Station 11389 San Jose Boulevard Jacksonville, Florida	SunTrust 200 West Forsyth Street Jacksonville, Florida	2	Sept - 97
033	C	32) Winn-Dixie Shopping Center 1020 North Edgewood Avenue Jacksonville, Florida	Global Management 777 17th Street, Penthouse Suite Miami Beach, Florida	2	Aug - 97

033, 201	P	33) Quality Sign Warehouse Sunbeam Road Jacksonville, Florida	Quality Signs, Inc. P.O. Box 19677 Jacksonville, Florida	20	Dec - 96
201	P	34) Lakeshore Texaco Park Street Reconstruction Jacksonville, Florida	Superior Construction 6972 N. Business Park Boulevard Jacksonville, Florida	30	July - 96
201	P	35) Contamination Assessment Report Matties Grocery Jacksonville, Florida	FDEP Reimbursement Section 2600 Blair Stone Road Tallahassee, Florida	30	March - 96
033, 201	P	36) Fernandina Beach Marina Property Fernandina Beach, Florida	City of Fernandina P.O. Box 668 Fernandina Beach, Florida	5	Feb - 96
097, 201	P, C	37) Kid Kampus Hazardous Waste Assessment Jacksonville, Florida	C. Vargas & Associates City of Jacksonville 220 East Bay Street Jacksonville, Florida	70	Dec - 95
028, 033, 097, 099, 201	C	38) Monument Road Site Assessments Environmental Studies Jacksonville, Florida	Jacksonville Transportation Authority 100 Myrtle Avenue Jacksonville, Florida	40	Dec - 95
099, 201	P	39) Forest Street Incinerator Site Jacksonville, Florida	City of Jacksonville Department of Public Utilities Jacksonville, Florida	15	May - 95
033, 202	C	40) Environmental Site Assessment/ Asbestos Surveys LaVilla/Brooklyn Redevelopment Project Jacksonville, Florida	ICF Kaiser Engineers 6440 Southpoint Parkway Jacksonville, Florida	80	Feb - 95
201	P	41) Dunkin Donuts 171 San Marco Avenue St. Augustine, Florida	Dunkin Donuts P.O. Box 317 Randolf, MA	50	Feb - 95
097, 201	P	42) Camachee Cove Marina 3070 Harbor Drive St. Augustine, Florida	Camachee Cove Marina 3070 Harbor Drive St. Augustine, Florida	30	Feb - 95
201	P	43) Seville Agricultural 2184 U.S. 17 West Seville, Florida	Seville Agriculture P.O. Box 9 Seville, Florida	6	Jan - 95
033, 097, 201	P	44) Arlington Expressway Interchange Environmental Studies Jacksonville, Florida	Jacksonville Transportation Authority 100 Myrtle Avenue Jacksonville, Florida	30	Dec - 94
114, 115	P	45) Eunice Road Water Treatment Jacksonville, Florida	Jax Suburban Utilities 644 Cesery Boulevard Jacksonville, Florida	10	Nov - 94

201	P	48) Fraternal Order of Police 530 Washington Street Jacksonville, Florida	Fraternal Order of Police 5530 Beach Boulevard Jacksonville, Florida	25	Oct - 94
028, 033, 201	P	49) Environmental Investigations Automated Skyway Express Jacksonville, Florida	City of Jacksonville 220 East Bay Street Jacksonville, Florida	8	Nov - 93
201	P	50) United Parcel Service 4420 Imeson Road Jacksonville, Florida	United Parcel Service 4420 Imeson Road Jacksonville, Florida	2	Nov - 92

12. The foregoing is a statement of facts

K Dawn Blackledge

Signature

K. Dawn Blackledge, P.G., President

Typed Name and Title

Date:

2001

Project Assignment:
Corporate Sponsor/Project Manager

Name of Firm with which associated:
Aerostar Environmental Services, Inc.

Years experience: With this Firm: 8 With Other Firms: 10

Education: Degree(s)/Year/Specialization
B.S. / 1982 / Geological Engineering

Active Registration: Year First Registered/Discipline
Professional Geologist Licenses - FL No. 556 - 1990; AL No. 956 - 1998

Other Experience and Qualifications relevant to the proposed project:

. Blackledge has over 18 years experience as an Environmental Engineer/ Hydrogeologist. She extensive experience managing large scale projects for public sector and private industry. She actively participated in projects related to toxic and hazardous waste site evaluations, lrocarbon site assessments, surface water quality projects, RCRA permit applications and ility Investigation Workplans, Pollution Prevention Plans, and NPDES permitting.

is experienced in a wide range of environmental applications, including environmental mitting at the local, state, and federal levels; compliance of facilities for industrial, domestic, stormwater regulations; and director of multi-disciplinary environmental and geophysical jects.

. Blackledge has extensive experience with State and Federal regulations governing the essment and cleanup of brownfield redevelopment hazardous waste and petroleum taminated sites, including remedial preliminary assessments and site inspections. In gnition of Ms. Blackledge's Professional accomplishments she was recently appointed as a rd member for the State of Florida Board of Professional Geologist.

Remedial Investigation/ Feasibility Study - City of Jacksonville Incinerator Ash Sites
Jacksonville, FL
General Environmental Services Contract - Jacksonville Port Authority Aviation Division
acksonville, Florida
Contamination Assessment and Remediation Services - Jacksonville Public Works Department
acksonville, Florida
Commodore Point Brownfield Redevelopment Project
acksonville, Florida
hase I and II Environmental Site Assessment and Geotechnical Services -Towercom
Southeastern, United States
ark View Inn Brownfield Redevelopment Project Project
acksonville, Florida
reApproval Petroleum Cleanup Program -Multiple Sites Florida Department of Environmental rotection/ City of Jacksonville RESD Central and Northern, Florida

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Philip E. Elson, Vice President

b. Project Assignment
Program Manager

c. Name of Firm with which associated:
Aerostar Environmental Services, Inc.

d. Years experience: With this Firm: 2 With Other Firms: 13

e. Education: Degree(s) / Year/ Specialization
B.S. - Major: Biology, Minor: Chemistry - 1982

f. Active Registration: Year First Registered/ Discipline
Real Estate Sales 1988

g. Other Experience and Qualifications relevant to the proposed project:

Philip Elson, has over 15 years experience providing environmental regulatory, hazardous waste management, contamination assessment/ remediation, and environmental training services. Mr. Elson specializes in developing and implementing environmental management programs associated with large scale land acquisition and redevelopment projects. He is currently responsible for the development and implementation of AEROSTAR's corporate Brownfield redevelopment program. Over the past four years he has served as Chairman of the City of Jacksonville's Brownfield Coalition and is currently providing Brownfield cleanup and consulting services for over five projects in Florida. Mr. Elson is well respected within the Brownfield redevelopment community in Florida and recently organized and directed the State of Florida's Second Annual Statewide Brownfield Redevelopment Conference in May of 1999. Mr. Elson is also a certified instructor with the International Right of Way Association where he teaches environmental training courses on environmental contamination in real estate, environmental awareness, and the project development process for right of way professionals throughout the United States. Previously, Mr. Elson served as an Environmental Specialist working with hazardous, industrial and solid waste enforcement issues for the Florida Department of Environmental Protection's Southeast Florida District.

- PalafoxCommerce Park Escambia Treatment Company Superfund Reuse Plan - Escambia County
  Pensacola, Florida
- Environmental Site Assessment Services Winn-Dixie Stores
  Florida and Southeastern United States
- Brownfields Geographical Information System - City of Jacksonville Planning and Development
  Jacksonville, Florida
- Beaver/Myrtle Community Redevelopment Area-wide Environmental Site Assessment
  Jacksonville, Florida
- Park View Inn Brownfield Redevelopment Project Project
  Jacksonville, Florida
- Environmental Impact Evaluation - Fresh Ministries Feasibility Study for Core City Economic Demonstration Project
  Jacksonville, Florida

7. Brief resume of key persons, specialists, and individual consultants anticipated for this project.

a. Name & Title
G. Warren Leve
Senior Consultant - Hydrogeology

b. Project Assignment:
QA/QC Manager

c. Name of Firm with which associated:
Aerostar Environmental Services, Inc.

d. Years experience: With this Firm: 5 With Other Firms: 26

e. Education: Degree(s)/Year/Specialization
B.A. / 1950 / Geology
M.A./ 1952 / Geology
Postgrad Hydro - 1955

f.. Active Registration: Year First Registered/Discipline
Prof. Geologist License - FL No. 258; SC No. 601; FL Water Well Contractor: 2524

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Leve has more than 30 years of experience in conducting detailed groundwater and surface water investigations in the Southeastern United States and Caribbean. As Hydrogeologist and Subdistrict Chief of the US Geological Survey (USGS), he has authored numerous technical reports encompassing such subjects as aquifer characteristics of complexmultiaquifer systems, downhole geophysical exploration, environmental and urban hydrology, regional water resource assessments and water budgets, aquifer mapping, numerical modeling of groundwater flow, and water quality and hazardous waste investigations. He has also received national and international recognition for his contribution to the understanding of groundwater flow systems and salt water intrusion in coastal aquifers.

Mr. Leve has aided in the design and location of water supply systems for major developments, agricultural interests, and municipalities in Florida, Puerto Rico, and the Bahamas. Mr. Leve has been guest lecturer in hydrogeology at the University of Florida and is an adjunct lecturer in geology and oceanography at Jacksonville University and the University of North Florida at Jacksonville. He has also been appointed a member of the Technical Advisory Committee for Jacksonville's Environmental Protection Board.

a. Name & Title
Leon J. Carrero, P.G.
Environmental Services Manager

b. Project Assignment
Project Manager

c. Name of Firm with which associated:
Aerostar Environmental Services, Inc.

d. Years experience: With this Firm: 5 With Other Firms: 5

e. Education: Degree(s) / Year/ Specialization
B.S. - Geology - 1986
M.S. - Geology - 1989

f. Active Registration: Year First Registered/ Discipline
Professional Geologist Licenses - FL No. 1727-1994; GA No. 1488 - 1998

g. Other Experience and Qualifications relevant to the proposed project:

Mr. Carrero has over 10 years of experience in hydrogeological investigations and remediation system design. Experience includes: assessment of hydrocarbon impacted soil and groundwater at retail gasoline facilities and bulk fuel terminals, project management, plan project tasks, supervision of field personnel, quality assurance; quality control, extensive regulatory and client communication, cost estimating, budget tracking, soil/ groundwater collection and analysis, installation of monitor wells, pump test, vapor extraction tests, air sparging test design, report generation, evaluation of test results of investigations, and communication of findings to clients and regulatory agencies.

Mr. Carrero has evaluated and designed remediation alternatives for groundwater and soil operation and maintenance of groundwater and soil operation and maintenance of groundwater and soil treatment systems. Mr. Carrero is OSHA certified and has extensive computer modeling experience.

Mr. Carrero has performed numerous closure assessments associated with removing and replacing USTs and ASTs. He has coordinated, designed, and supervised drilling activities at facilities throughout the Southeast. Mr. Carrero has also conducted numerous Phase I and II environmental site assessments.

- Remedial Investigation/ Feasibility Study - City of Jacksonville Incinerator Ash Sites Jacksonville, FL
- Environmental Site Assessment Services Winn-Dixie Stores Florida and Southeastern United States
- Contamination Assessment and Remediation Services - Jacksonville Public Works Department, Jacksonville, Florida
- Various Contamination Assessment and Remediation Projects - Jacksonville Electric Authority, Jacksonville, Florida
- Emergency Spill Response Environmental Assessment Services -Environmental Recovery, Inc.
  Northern Florida and Southern Georgia

Eduardo Morales, Jr., PE

Project Manager/Structural

Mr. Morales is a Project Manager/Structural Design Engineer with fourteen years experience in the management of civil, structural, and military projects. His responsibilities include Project Management and Structural Design of all projects assigned to the Jacksonville Office. His project background includes numerous structures and bridges for Florida Department of Transportation, US Naval Facilities Engineering Command, Port Authorities, the Army Corps of Engineers, and private industry.

Mr. Morales started his career after receiving his BSCE from the University of Florida. His first employer was the Florida Department of Transportation where he was accepted into the Professional Engineering-training program. After completion of the program Mr. Morales received his professional Engineer license and began to practice structural engineering for the Department of Transportation. As a young engineer working for the FDOT Mr. Morales developed several structural engineering computer programs that were used throughout the state. Then in the next two years Mr. Morales completed several in-house design projects as well as having Project management responsibilities for two major consultant design projects on I-95, and serving as the District 4 shop drawing engineer.

PROJECT EXPERIENCE

- **FDOT/TriRail, Hollywood Train Station Rehabilitation - Project** Manager for the evaluation and rehabilitation design of the historic building and platform canopies. Conducted soil boring and testing program to evaluate settlements and foundation requirements. Historic interior renovation of Amtrak ticketing, waiting room and restroom facilities.

- **Colombian Coast Guard Cutter Pier, Buenaventura Colombia.** Provided structural design and master-planning for a floating pier facility located near Buenaventura Colombia. Buenaventura is located on the Pacific coast of Colombia. The pier was to accommodate up to 4 Point Class Coast Guard cutters that the United States was delivering to Colombia as part of the 1.2 billion Plan Colombia Aid package. Construction is expected in fall of 2001. The pier consisted of 4 distinct sections:
    - A flat maintenance platform upon which there will be two 10,000 gallons tanks, fuel distribution pumps, fire fighting pumps, and a waste collection system. The Platform will have a fuel containment

system with a recovery valve and a ballistic screen to protect the tanks.

- The second section will be a fixed access walkway from the platform out 100 meters to the boat mooring area.
- The third component will be a fuel off-loading dock located along the fixed walkway.
- The fourth component the floating dock system for the Point Class Cutters.

In previous employment:

Major projects include:

- Miscellaneous Structures Repair for Florida Department of Transportation - District IV, Ft. Lauderdale, Florida - Project Manager, Project Engineer, 17 assigned projects
- Miscellaneous Structures for Florida Department of Transportation - District VI, Miami, Florida - Project Manager, Project Engineer, 15 assigned projects ($750,000 design fee)
- Hallandale Beach Boulevard Bridge for Florida Department of Transportation - District IV, Ft. Lauderdale, Florida - Project Manager
- Jensen Beach Causeway, St. Lucie County, Florida - Project Manager, Project Engineer, PD&E Study, BDR analysis
- State Road 7 (US 441), Palm Beach County, Florida - Project Manager, Project Engineer, Noise Walls, Sign Structures
- Post Design Services in Broward, Palm Beach, St. Lucie and Indian River Counties in Florida - Project Manager
- Emergency repairs to I-95 over Blue Heron Blvd. (W.P.I. No. 4640822), Project Engineer
- Boynton Beach Blvd. over L-5 Canal (W.P.I. No. 4157611)
- Port St. Lucie Blvd. over The Florida Turnpike (W.P.I. No. 4119394), Project Engineer, New Bridge design
- Member of design team on Merrill Barber (W.P.I. No. 4115392) and the Roosevelt Bridge Replacement Projects (W.P.I. No. 4116229)
- Completed first in-house BDR in FDOT District 4 for Port St. Lucie over the Turnpike
- Structural Repairs - Key West Air Force Base, Key West Florida - Project Manager, Project Engineer
- State Road 9A – Project Manager for the entire project as well as Project Structural Engineer on 10 structures and Design Engineer on two structures and all overhead sign structures.
- Army Corps of Engineers – Plan Colombia – Project Manager / Project Engineer, $20,000,000 site development for US State Department on Colombian Military bases.
- Boynton Beach Blvd. over E-3 Canal, Palm Beach County – Project Manager/ Project Engineer, new bridge design

- Atlantic Blvd. over E-3 Canal, Palm Beach County – Project Manager/ Project Engineer, new bridge design
- I-10 / I-95 Interchange – Project Manager / Chief Structural Engineer 9 new interstate Bridges and 3 major widening

Structural Design Review Projects include:

- Sheridan Road at I-95 (W.P.I. No. 4140820)
- SE 10th St. to Sawgrass Expressway (W.P.I. No. 4110722)
- I-95 and Davie Blvd. Interchange (W.P.I. No. 4140872)
- I-95 Broward Interchange (W.P.I. No. 4140867)
- District Shop Drawing Engineer - reviewed over 1000 shop drawings on projects ranging from I-595 to miscellaneous sign structures.

Waterfront Structures:

- Floating pier and tower for Colombian Mariens (Tres Esquinas Colombia) On the Ortigesa River with 30 foot seasonal elevation changes, US Army Corps of Engineers, Plan Colombia – Project manager, Project Structural Engineer
- Floating pier for Colombian Coast Guard (Buena Ventura Colombia) At Navy Island Base with 17 foot tidal elevation changes, US Army Corps of Engineers, Plan Colombia – Project manager, Project Structural Engineer
- US Army Ranger Training swimming Pool Repairs, complete structural and mechnacial repairs to pool in Key West Florida, US Army Corps of Engineers – Project Manager, Project Structural Engineer
- Evaluation of Hess oil Pier impact damage, Armada Hess Corporation, Jacksonville, Florida- Project Manager
- Various bulkhead inspection and repair recommendations for private clients along the St. Johns River (Jacksonville) and intracostal waterway (Ft. Lauderdale Florida)

James B. Durfee, AIA

Architecture/Historic

Jim Durfee is recognized as an architect and community leader who has over 20 years experience. He has demonstrated an ability to negotiate challenging circumstances on a routine basis. An award winning designer, Mr. Durfee also has the management expertise to handle complex projects. His commitment to direct and personal involvement in projects is a hallmark of the firm's success. His design and management experience span a broad range of project types ranging from large-scale health care, municipal, and institutional projects, to smaller scale academic, commercial, residential, and historic preservation projects. His projects are recognized for optimizing client resources using a common sense approach. Mr. Durfee has developed an effective sense of the development and funding mechanisms that influence the design/construction projects with which he is involved. This broad awareness has proven valuable and optimizing results in achieving success with projects involving complex development and scheduling requirements.

Years Experience
20

Education
Master of Architecture- Columbia University, 1982
Bachelor of Arts-Colgate University, 1979

nses
istered Architect in the states of New York (1984), Massachusetts, New Hampshire, Ohio, Connecticut, District of Columbia (1999), Maine, Virginia, Delaware, Illinois, Indiana, Michigan, North Carolina, Rhode Island, South Carolina, Wisconsin (2000)

Professional Affiliations
American Institute of Architects, Rochester - Past President
Cornhill Waterfront and Navigation Foundation - Board of Trustees
Landmark Society of Western New York - Board of Trustees
United Cerebral Palsy Association of Rochester - Facilities Committee
Monroe County Cultural Plan - Steering Committee
Brown's Race Planning Committee - Member
Town of Mendon Planning Board - Past Chairman
Mendon Historical Society - Board of Trustees

PROJECT EXPERIENCE

- **Erie Canal Cultural Center, Lyons, NY.** Principal-in-Charge of this project involving renovation and additions to a historically significant building and site on the Erie Canal. A cooperative project which includes the input of multiple participants forming a unique, arts oriented facility. Design work includes site master planning with multiple interpretive elements, a new central atrium display space, and a respectful renovation of the existing structures.

- **Rochester Amtrak Station, Rochester, NY.** Jim is leading the architectural design component of a study evaluating the impacts of a new passenger station for Rochester, New York. The study, sponsored by the Genesee Transportation Council, is intended to position the greater Rochester area for the arrival of high-speed rail through the functional and aesthetic redesign of the Rochester Amtrak Station and by identifying strategies to ensure its full integration with the downtown Rochester community and transportation system. Design responsibilities include the development of concept-level design alternatives for the station and its surrounding environs that respond to the functionality of modern train travel while restoring the station to the stature it enjoyed in its heyday. The study requires close coordination with NYSDOT and Amtrak to ensure that critical track, platform, and other station area design and operating features are designed and advanced in a timely fashion with

respect to the projected start of high-speed rail service on the Albany to Buffalo corridor and will identify potential development opportunities that maximize the positive impact of a revitalized station on downtown Rochester.

- **Town of Albion, Albion, NY.** Jim Durfee is the Principal-in-Charge of a study to determine the feasibility of converting the former Academy Street School for public use, including the possible use as a community center and library. The study includes an evaluation of the existing physical conditions of the structure. The evaluation will determine the integrity of the existing structure and help to identify improvement / repairs that are necessary to maintain the continued viability of the structure and permit its use for a public purpose.

- **City of Rochester Public Safety Building, Rochester, NY.** Jim was Design Principal for the new six-story 160,000 SF municipal facility which is Headquarters for Rochester's police and fire departments. The structure's unique form and location at Rochester's Civic Center make it one of the City's most prominent buildings.

- **City of Rochester LWRP, Rochester, NY.** The portion of the City of Rochester's coastal zone that lies along the lower Genesee River (and especially at its confluence with Lake Ontario) has had a rich and varied history in the city's development. It was an important freshwater port and a renowned resort area, known as the "Coney Island of the West" during the mid 1800's through the early 1900's. After the turn of the century, its use and popularity began to decline and in recent years, its commercial, recreational, and residential potential has not been realized. The City of Rochester owns the former Port Authority site on the western shore of the river and investigated several alternatives to best use this land as well as to manage and enhance its coastal zone along the Lower Genesee River.

- **Brown's Race Market, Rochester, NY.** Jim was lead designer for this core project in the High Falls Development Area. This creative design effectively balanced historic preservation concerns with the need to create a lively, festive venue. Subsequent to the original work, the interior was redesigned (with Steve Staveski of our firm) for the Centers at High Falls.

- **City of Rochester / Genesee Brooks Landing, Rochester, NY.** Currently under design, Jim Durfee is Principal-in-Charge of this urban development of a neighborhood in the 19th ward. The project includes construction of

a four-story hotel, restaurant, conference center, retail, and office space. Also includes waterfront development. This project was a collaborative effort, which included multiple design characters with neighborhood groups, the local chapter of the AIA, City officials, leaders from the University of Rochester and developers. The goals of the project include the revitalization of an urban neighborhood and parklands adjacent to the Genesee River.

- **Bull's Head Redevelopment Plan, Rochester, NY.** Recently Jim led a Master Plan Study for the development of the area immediately north of St. Mary's Hospital. This was a collaborative effort involving St. Mary's Hospital, local neighborhood retailers, Monroe Community College, the Rochester Police Department, and the Frederick Douglass Museum. This project did not proceed but we have continued to study this are for the City's Economic Development Department.

- **Rochester Institute of Technology, Bausch & Lomb Information Center, Rochester, NY.** Principal-in-Charge of this project which involved the build-out of approximately 9,300 SF of previously unfinished space for Admissions, Student Orientation, offices, and meetings of the Institute's Board of Trustees. Included is a new entrance stair, lobby/lounge, and a large meeting room set up to accommodate high-tech presentation. Interior finishes and architectural expression highlight these spaces, which reached beyond, RIT's typical standards.

- **Rochester Institute of Technology, Ross Hall, Rochester, NY.** Consulting principal for 45,000 SF renovation of space housing the I.T.S. Department. The project program upgraded offices and computer labs while also adding new mechanical penthouse.

- **University of Rochester Rare Books Library – Great Hall at Rush Rhees Library, Rochester, NY.** Principal-in-Charge for this restoration of the University's most significant interior space. Long used as a dimly lit exhibition hall for the Rare Books Library, it was transformed and revitalized for more flexible use while restoring and maintaining its historic significance.

- **Alfred University, McKomsey Career Development Center, Alfred, NY.** Principal-in-Charge of restoration of a former natural history museum. This unique, historic structure was restored and adapted for student and alumni use. A major addition was designed to compliment the existing building.

- **Rochester Institute of Technology, Boathouse, Rochester, NY.** Principal-in-Charge of this project, which involved the construction of new facilities for RIT's Crew Team on the Genesee River.

- **National Warplane Museum, Horseheads, NY.** The National Warplane Museum has recently completed a new 5.5 million dollar facility designed by Jim Durfee. This landmark building is notable for its highly economical construction and successful completion utilizing the CM process.

- **West Group, Rochester, NY.** Jim has led the design effort (along with Steve Staveski of our firm) to continually revitalize the downtown facilities of this long-time city business owner. HGD+A has provided design and planning services to this company (formerly Lawyers Cooperative Publishing) for the past 30 years.

- **Auburn Street Revitalization, Auburn, NY.** Renovation of fifteen historic building facades and streetscape concept plan for the Downtown Central Business District. Careful removal of existing exterior cladding uncovered original leaded glass windows, cornices, and ornate details.
  Use of awnings, signage, and lighting unifies a once disjointed area.

- **Rochester City Hall, Rochester, NY.** Jim Durfee was Principal-in-Charge for this project which was the first step in the comprehensive restoration of City Hall's exterior. The project included the restoration of a representative portion of the historic building envelope. Scope of work included restoration of the sandstone façade, slate roof and associated flashings, and wood windows.

Joseph J. Istvan, AIA

Architecture/Historic

ears Experience
3

ducation
Iniversity of Notre Dame,
Bachelor of Architecture, 1978

.icenses
New York
Pennsylvania
Montana
New Jersey
Ohio
Florida
Maryland
sachusetts
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Connecticut
Maine
Delaware
Virginia

Professional Affiliations
American Institute of Architects
New York State Society of Architects
National Trust for Historic Preservation
Construction Specifications Institute
National Council of Architectural Registration Boards

Mr. Istvan has 23 years of experience in architectural design, including the design of new and the renovation of existing facilities. He has completed numerous projects for Wegmans, Chase Pitkin, Bausch & Lomb, Eastman Kodak, Xerox, Mobil Chemical and other major commercial clients, including control rooms, office areas, computer rooms, fitness centers, cafeterias, distribution/shipping and receiving facilities, storage facilities, locker rooms, and miscellaneous facilities design projects. As our Architectural Manager, he is directly involved in the supervision and quality control analysis of all of our architectural design projects. Prior to joining Bergmann Associates, he was senior architect with the City of Rochester and was involved in a variety of municipal facilities improvement projects.

PROJECT EXPERIENCE

- **Amtrak Passenger Station, City of Rome, NY.** Project Manager for the evaluation, needs assisment and rehabilitaiotn of the Rome Train Station complex with primary focus on three major areas – the Station Building, Passenger Tunnel and the Platform. The station, including the freight area, was evaluated for various aspects including heating and ventilation, environmental, ADA compliance and structural conditions including the roof system. Various renovation options were considered, as was demolition of the station or a portion of the station building. The center platform and overhead canopies need to be renovated and upgraded to comply with ADA and meet AMTRAK passenger service standards as well as CSX's regulations. The tunnel was evaluated for continued use as the singular means of access to the center platform from the station waiting area, including incorporation of a new elevator.

- **125th Street and Lexington Avenue Station Rehabilitation, NYCTA, New York, New York.** Project Architect for the complete rehabilitation of this station which includes the mezzanine level, street level and two platform levels for this major hub subway station in East Harlem, New York. This project involves the incorporation of three subway lines and a public art program.

- **5TH Avenue Station Rehabilitation, NYCTA, New York, New York.** Project Architect for the complete rehabilitation of this station that serves over 105,000 people per day. This project involves upgrading, rehabilitating or modifying architectural, structural, mechanical, electrical, communications, civil and hydraulic features of the station.

- **Family Court Reorganization, Administrative Office of the Pennsylvania Court, Philadelphia, PA.** Project Manager for the reorganization and renovation of the 1801 Vine Street Building, a historically certified location in the City of Philadelphia. Project involves updating the facility and restyling the renovated areas to coordinate and enhance existing historical details, materials and finishes dating back to 1939. Project also requires provisions to bring the building into compliance with the Americans with Disabilities Act. The two phased project includes relocation, design and construction of courtrooms, waiting rooms, related office space, office suites, a nursery, vending concession space, medical functions, and sheriff holding cells. Design considerations include acoustical treatment, security measures and privacy from public access for the Judges' chambers, as well as microphones, surveillance cameras, computer, copier and fax capabilities, and plumbing and HVAC improvements. The greatest challenge: all courts must be fully operational throughout the course of the project.

- **Jonathan Child House Renovation, Rochester, NY.** Project Manager for renovations to a three-story, Nationally Registered historic building being converted to offices. Interior renovations including structurally stabilizing the basement, replacing and upgrading the mechanical and electrical systems, reworking interior layouts, and selection of new furnishings and finishes throughout. Coordinated with the Landmark Society for all interior and exterior restoration measures.

- **Edgerton Recreation Center, City of Rochester, NY.** Project Manager for the $400,000 renovation of the 100-year old historic Stardust Ballroom. An existing multi-purpose recreation building was renovated back to use as a ballroom. Work included reconstruction of various building features, based upon historical background research that was conducted. Also included were new rest room facilities, new theatrical and general lighting, and complete renovation of existing finishes.

- **Danforth Senior Citizens Center, City of Rochester, NY.** Project Manager/Architect for total interior renovation and exterior restoration of an historic Rochester Landmark. A new front portico was reconstructed from historic photographs while the building's exterior was restored to its original turn-of-the-century character. Interior renovations included complete new mechanical and electrical systems.

- **Mt. Morris Dam Visitors Center, US Army Corps of Engineers Buffalo District, Buffalo, NY.** Principal-in-Charge for a major addition to the existing Corps Visitor's Center, including architectural, mechanical, electrical, structural, geotechnical and interior design services. The

addition will contain restrooms, reception area, retail space, atrium, video/meeting area and display area. The facility will have a solar domestic hot water system and a waste disposal system. The heating and cooling system will be complete with a ground source heat pump system.

- **Black Rock Lock Building Renovation, US Army Corps of Engineers Buffalo District, Buffalo, NY.** Principal-in-Charge to construct two additions and renovate the exteriors of seven Lock Buildings at the Black Rock Lock. The construction will include new wood frame roofs, exterior insulation and finisn system, and mechanical and electrical systems upgrades.

Robert K. McCubbin, Jr., PE

Structural

Mr. McCubbin has 24 years of experience in renovation, restoration, and new construction of buildings and associated site work. His experience covers all phases of design, scheduling, cost estimating, and construction activities. His project management duties include client communications, project coordination and scheduling, budget control, and team leading. He is responsible for ensuring the client's expectations are met regarding the project scope and quality, schedule and budget. He is devoted to client relationships, applying creativity, technology, and experience to solving your needs.

PROJECT EXPERIENCE

- **Amtrak Passenger Station, Rome, New York.** Project Manager for this project, which evaluated and prepared needs assessments of the Rome Train Station complex with primary focus on three major areas – the Station Building, Passenger Tunnel and the Platform. The initial goal of this project was an evaluation and recommendations of improvements in order to address structural deterioration and leakage; offer passengers a more user-friendly facility; and address compliance with ADA requirements, as well as those of CSX and AMTRAK.

- **Woodlawn Beach Boardwalk, New York Office of Parks, Recreation, Historic Preservation, Niagara Region:** Structural Engineer responsible for designing a 300-foot elevated wood boardwalk. The design included wood decking and support members and Helical Piers.

- **Woodlawn Beach Main Park Facility, New York Office of Parks, Recreation, Historic Preservation, Niagara Region:** Structural Engineer responsible for designing a 13,000 sf facility. The design included wood truss and glue lam roof system and building foundations.

- **Structural Investigation of Flood Damaged Buildings, FEMA, East Grand Forks, MN:** Structural Engineer responsible for site investigation of City Hall and Fire Station in East Grand Forks and a Senior Citizen Hall in Warren, Minnesota. The buildings varied from one story to two stories with basements. The flood water height in the buildings varied from 1 foot to 2 feet above the first floor. The purpose of the investigations was to document flood damage, determine the extent of structural damage and identify required repairs for the buildings.

s Experience

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l Engineer, Bradley University,
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ident – Rochester Chapter
rican Society of Civil
ineers (ASCE) 1990-91
onal Council of Examiners for
ineering

- **Renovate Main Hangar Building, Plattsburgh Airbase Redevelopment Corp, Plattsburgh, NY:** Project Manager and Lead Structural Engineer for the renovation of the existing 146,000 square foot Main Hangar Building into a manufacturing facility for corporate aircraft interior finishing.

- **Renovate Base Machine Shop, Plattsburgh Airbase Redevelopment Corp, Plattsburgh, NY:** Project Manager and Lead Structural Engineer for the renovation of a 52,000 sf machine shop building.

- **Plattsburgh AFB - Nox RACT, Plattsburgh Air Force Base, NY:** Client Manager to a feasibility study to modify six 50 million BTU per hour boilers burning No. 6 fuel oil to comply with new NYSDEC regulations controlling Nox emissions. Based on boiler operating logs, used an in-house computer program to calculate excess air in flue gas, and flue gas flow rates. Conferred with manufacturers of low-Nox burners to select suitable replacement burners, and evaluated impact of flue gas recirculation with and without low-Nox burners.

- **Addition to Fire Station, Griffiss Air Force Base, Rome, NY**: Project Manager for a two- story addition to the fire station. The addition included a large conference room, offices, and locker rooms.

- **Black Rock Lock Building Renovations, USACE Buffalo District, Buffalo, NY**: Project Manager for the design and construction of two additions and renovations of the exteriors of seven lock buildings. The construction includes new wood frame roofs and roofing system, exterior insulation and finish system, removable walkways behind the buildings, and mechanical and electrical upgrades. The pump house is scheduled for a new 5-ton bridge crane to be installed to remove equipment from a 46-foot deep well.

- **Connector Building, Plattsburgh Airbase Redevelopment Corp, Plattsburgh, NY:** Project Manager and Lead Structural Engineer for the construction a new 33,000 loading dock/warehouse/assembly building connecting the Main Hangar building with the Machine Shop. The structural design consisted of the steel superstructure and foundations.

- **Structural Analysis of Roof Structure - Building #1, U.S. Army Corp. Of Engineers, Buffalo District:** Structural Engineer responsible for evaluating the roof structure to change the existing flat roof structure to a gable roof structure

- **Maintenance Garage, Monroe County, Rochester, NY**: Project Structural Engineer for the design and construction of a 60,000 sf Office and

Maintenance Garage. The Office area is 12,000 sf and designed for a future second floor. The Maintenance Garage is a steel structure with precast wall panels. The project also included concrete storage bins for salt, sand and gravel. The project's construction cost was $4,000,000.

- **Maintenance Garage, Town of Pittsford:** Project Structural Engineer for the design and construction of a 6,000 sf Office and Maintenance Garage. The building is a concrete masonry and steel frame building. The project also included one truck lift

- **Warehouse and Distribution Center - Nalge Nunc International, Rochester, NY: Project** Manager responsible for designing 100,000-square foot of warehouse and distribution center. The project involved 15 loading docks and rack storage. The building is a metal structure with the height varying from 20 feet to 35 feet. The building foundations varied from wood piles to spread footings.

- **Recreational Center Renovation, Griffiss Air Force Base, NY**: Project Manager responsible for renovating the existing ballroom area into a fitness center. The design included: new interior finishes such as ceiling tile, wall covering, floorings, and a 25- x 25-foot aerobic area with rubber flooring centrally located within the 28 surrounding fitness stations. A new screen wall was to be constructed outside the locker rooms, providing a surface for full height mirrors on one side and storage shelving on the other side. A new main entrance and circular information/reception kiosk will be constructed. All doors and windows are being replaced. The HVAC and electrical systems are being replaced.

- **Visitor Center - Mt. Morris Dam, USACE, Buffalo District**: Project Manager for the design of an addition and renovation of the Visitor Center. The design included: glulam roof beams and pine roof decking, stone exterior facade, HVAC and electrical systems.

Robert L. Zupcak, PE

Structural

Mr. Zupcak has 24 years of experience in structural engineering design of new commercial buildings, industrial facilities, and large building renovation projects. He has designed structural systems for over 2.0 million sq. ft. of office space, and 1.0 million sq. ft. of industrial facilities. Prior to joining Bergmann Associates, Mr. Zupcak was a senior structural engineer for 11 years with the internationally known structural design firm LeMessurier Consultants, Inc. in Boston, Massachusetts.

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ıster of Science, Structural Engineering, Marquette University, 1977
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PROJECT EXPERIENCE

- **FDOT/TriRail, Hollywood Train Station Rehabilitation** – Senior Structural Engineer for the evaluation and rehabilitation design of the historic building and platform canopies. Conducted soil boring and testing program to evaluate settlements and foundation requirements. Historic interior renovation of Amtrak ticketing, waiting room and restroom facilities.

- **Amtrak Passenger Station Renovation, City of Rome, NY.** Sr. Structural Engineer for the renovation of the Rome Train Station complex with primary focus on three major areas – the Station Building, Passenger Tunnel and the Platform. The initial goal of this project was an evaluation and recommendations of improvements in order to address structural deterioration and leakage; offer passengers a more user-friendly facility; and address compliance with ADA requirements, as well as those of CSX and AMTRAK.

- **1884 Building Renovation, Interpretive Center, Brown's Race, Rochester, NY** Structural engineer for inspection, rehabilitation, and structural renovation of 150-year old, 10,000 sq. ft. pumping station.

- **Public Safety Building, Rochester, NY.** Structural project manager for 6 story, 160,000 s.f. office building with three different façade types and one level of parking.

- **19th Century Trolley Barn Renovation, Jillians Entertainment Co., Rochester, NY** Structural engineer for renovation of 50,000 sq. ft. 19th century building with 2 types of long span timber trusses. Included extensive reinforcement of trusses, large openings in thick masonry bearing walls, and evaluation of stone foundation wall along an active water raceway.

- **Northwestern Mutual Life Insurance Co., World HQ, Milwaukee, WI** Structural Engineer for $200 million renovation and restoration of home office, featuring a new 100-foot high steel-pipe-framed *Atrium* with link bridges to other buildings. Included structural repairs and rebuilding of eighth-story balcony with over 1,000 pieces of large ornamental granite stone.

- **Historic Landmark Renovation, United Shoe Machinery Building, Boston, MA.** Structural Engineer for $50 million restoration of 1930 Art Deco office building. Two -year project included all structural contract documents and over 100 addendum sketches for unanticipated field situations. Building is a *National Historic Landmark*. Included 5-story steel-framed spiral stair.

- **1883 Historic Building Renovation, Horticultural Hall, Boston, MA.** Structural Engineer for restoration of 110-year old *Historic Landmark Building*. Included modifications to three-foot thick brick walls to allow installation of elevator and mezzanine office areas; modifications to clay tile structural arch floor systems.

- **1890's Building Facades Stabilization, Boston, MA.** Designed *Special Structural System* of vertical trusses to provide temporary support for 1890 building facades as part of $85 million new office building project. *Technical paper featured* at 1990 American Society of Civil Engineers Structures Congress in Boston.

- **Native American Longhouse, Victor, NY** Structural engineer for evaluation of structural integrity of replica of Seneca Indian longhouse, designated as a state and national historic landmark.

- **1894 Building Renovation, Mt. Holyoke College, Holyoke, MA.** Designed new wood and steel floor framing systems for complete renovation of existing 90-year old, four-story, multi-purpose campus building, including new addition and new second floor cantilevered balconies attached to inside faces of exterior brick pilasters. The $3.5 million project included repair work to original heavy timber roof framing systems.

- **1886 Mill Building Inspection, Museum of American Textile History, Lawrence, MA.** Conducted existing conditions survey of 100 year old, three story brick and timber mill building, and prepared report for architect. Designed new structural systems for renovation.

Mark R. Johns, ASLA

Site/Landscaping

Mr. Johns has 18 years of experience in the field of Landscape Architecture with projects that have ranged from site design and detailing to conceptual design/master planning. Much of his work has emphasized the preservation and maintenance of the natural environment as well as the historical character and integrity of an area. He has a strong background in natural resource inventory and analysis, master planning, and site design. He has taken several courses on wetland delineation and wetland creation from the Wetland Training Institute. Additionally, he has designed hiking trails, park and picnic areas, and other pedestrian and recreational amenities. He has also prepared planting, grading, vehicular access, and drainage plans for institutional, recreational, residential, commercial, and light industrial developments.

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of Landscape Architecture, SUNY
College of Environmental Science
nd Forestry, 1982
., Syracuse University, 1981
etland Training Institute, Wetland
Delineation with Emphasis on Soils
Hydrology, 1992
tland Training Institute, Practice
and Construction, 1994
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PROJECT EXPERIENCE

- **Ellison Park, Monroe County, NY.** Project Manager for the multi-discipline planning and design project within the 444-acre County park. Project included the historically-sensitive rehabilitation of Fort Schuyler, a log cabin replica of an 18th century trading post; design and location of a new year-round four-unit restroom facility along with necessary utility improvements; upgrade of existing pedestrian trails to accommodate handicapped accessibility; upgrade of existing signage; full-depth reconstruction and expansion of the existing parking area and pedestrian trails; construction inspection services; and close coordination/involvement with very active local groups.

- **Trolley Barn, Rochester, NY.** Developed conceptual master plan for reuse of an old industrial building located within a historic industrial district adjacent to the Genesee River High Falls. Master Plan was a comprehensive look at practical elements (traffic circulation, parking needs and availability, pedestrian flow), as well as a creative development of unique site-specific design vocabulary to integrate the proposed industrial building and its uses into the entertainment theme envisioned for the area. The study specifically looked at ways for the building to function as an 'anchor' for the entertainment district both functionally and visually. Located at the terminus of one of the main streets in the district, the study identified ways to architecturally capture and exploit the unique features of the district offered by the adjacent falls, river gorge and seasonable laser light show.

- **Oatka Creek Park, Wheatland, NY, Monroe County Department of Parks.** Project Manager for the master plan of a 450+ acre park within the County's park system. One mile of wild, rugged Oakta Creek courses through the park, a popular site for fly-fishing within Monroe County. Project involves the inventory and analysis of park resources, public outreach meetings for input into programming development and the ultimate development of a Master Plan, cost estimates and implementation strategy for improvements.

- **Trail/Bike-Only Lanes Study, City of Elmira, NY.** Project Manager for this project that developed construction cost estimates and technical recommendations for a bicycling and hiking trail within the City and along the Chemung River, south of the city. Responsibilities included mapping the trail, identification of pull-offs or resting areas, parking opportunities, screening/buffers and links to other trail systems and neighborhoods. Developed cost estimates and assisted the City in assessing the environmental impacts expected from this type of development and in identifying appropriate funding sources and opportunities for design and construction costs. Since portions of the trail occurred along a floodway levee for the Chemung River, extra coordination and construction details were required to minimize negative impacts to flood protection and occasional trail inundation.

- **Camp Arrowhead Master Plan, YMCA, Rochester, NY.** Developed Master Plan for 54-acre Camp Arrowhead expansion, which included inventory and analysis of site features and resources. Plan identified site opportunities and constraints, including evaluation of potential flood plain and wetland impacts on site development. Various alternatives were presented for camp development, including locations of a multi-purpose facility, parking expansion, improving site access and vehicular circulation, and creation of additional recreation facilities. The plan also identified potential for incorporation of environmental education program activities through development of hiking trails, boardwalks, wetland enhancement and creation of a pond.

- **Camp Cutler Theme Camp, Boy Scouts of America, South Bristol, NY.** Developed master plan and site documents for five new Cub Scout theme camps located within an existing 1500± acre reservation. The master plan and site development consisted of matching the varied terrain of the reservation with the appropriate theme camp, locating the Ocean Exploration Camp on an existing pond and the Medieval Camp in an oak-beech forest. The entire development was linked with two roads for vehicular and emergency access, and pedestrian trails linking the theme camps to the main multi-purpose dining facility. Utility upgrades

including electrical service, water main service, and sanitary systems were provided for each camp. Special emphasis was given to maintaining the "wild" character of the reservation and creating the illusion of isolation for each theme camp from each other.

- **City of Rochester, Various Parks Projects.** Assisted the City in design development and construction detailing for two riverside parks along the Genesee River. Improvements included parking lot reconstruction and rehabilitation of a historic fountain within an Olmsted park, and the creation of a small pull-off/parking area and an overlook of the dramatic Genesee River area. The projects included connections and extensions of the Genesee River Trail system.

- **Design Services Term Contract, NYS Parks Department, Western Region.** Project Landscape Architect for a Term Services Contract in progress with the NYS Parks Department (Niagara, Genesee, and Allegheny Districts) to provide a wide variety of landscape architectural design services throughout western New York State. Services include master planning, site design, trail assessment/design, landscape design, wetland delineation and mitigation. Project Manager for the coordination and preparation of the application for National Register Nomination for the entire Letchworth State Park. Responsible for coordinating the team consisting of architectural historians and archaeologists, as well as various staff members from NYSOPRHP.

- **Genesee River South Corridor Land Use and Development Plan, Rochester, New York.** Development of a master plan which included analyzing various development scenarios in areas adjacent to the river, their feasibility in terms of topography, infrastructure and existing land uses, and their impact on the river, open space and the future river trailway. Developed several alternatives from which one was selected through a public participation process. Included a detailed narrative highlighting land use policies and guidelines.

- **Genesee River South Corridor Trailway & Pedestrian Bridge, Rochester, NY.** Designed pedestrian/bicycle trailway along west bank of the Genesee River from the Elmwood Avenue Bridge north to the Ford Street Bridge. The stretch of the trailway includes a park-like section in Genesee Park, "urbanized" areas adjacent to the South Plymouth Avenue and Brooks Avenue intersection, and at the proposed bridge landing. The system also has wild and natural areas south of the Ford Street Bridge. Also assisted in the bridge detailing and color selection to ensure compatibility and aesthetic sensitivity to surrounding land uses and character.

- **Irondequoit Bay Public Access Plan, Monroe County Department of Planning, Monroe County, NY.** Project Manager for the development of a Master Plan for public access opportunities around Irondequoit Bay. This project involves extensive intermunicipal coordination with three towns bordering the project site -- Irondequoit, Penfield and Webster, as well as additional coordination with the New York State Office of Parks, Recreation and Historic Preservation and the New York State Department of Transportation. Our responsibilities include reviewing current development and land sue plans for the area, identifying potential and future links to existing trail systems and developing a hierarchy of trail uses (bicycles, rollerblades, pedestrian, etc.). We are also developing design guidelines for trail widths, surface treatments and other trail features to encourage targeted user groups.

- **Kingston Urban Cultural Park, Kingston, NY.** Conducted detailed inventory of natural resources and vehicle circulation including traffic flows, signalized intersections, pedestrian flows, and crossings for master plan effort. Developed pedestrian, bicycle, and vehicular circulation tour routes linking the urban areas with green spaces and areas of historic significance. Identified and coded all historic structures and distinctive areas within the UCP. Researched and designed streetscape and landscape improvements and the enhancement of building facades.

- **Lehigh Valley Railroad Corridor Multi-Use Trail Study, Genesee Transportation Council, Brighton, NY.** Project Manager for preliminary engineering, design and cost estimating of a 2-mile multi-use trail along an abandoned railroad corridor. This portion of rail ROW runs from the Canalway Trail in Genesee Valley Park southerly to Brighton Henrietta Townline Road. Project includes close coordination with an advisory group made up of interested residents. Proposed alignment will respond to the adjacent wild, undeveloped areas, wetlands, established neighborhoods and the adjacent County park and its internal trail system. The proposed trail includes structures over the Erie Canal and I-390, four at-grade crossings, adjacent residences, drainage structures, a poorly-drained cut section and flood-prone areas.

- **Lehigh Valley Railroad Corridor Multi-Use Trail Study, Genesee Transportation Council, Henrietta, NY.** Project Manager for a feasibility and engineering study for a 7+ mile trail along the abandoned Right-of-way of the former Lehigh Valley Railroad. This north/south segment connects with he east-west Lehigh Valley Trail in Rush to the south, and with the abandoned ROW segment in Brighton to the north. This link, together with the Brighton portion, would provide access for the Erie

Canal trail in the City to the Lehigh Valley Trail in Rush. The study also took a comprehensive look at linking this corridor to other destination points (parks, schools, neighborhoods) within the Town of Henrietta. Off-road and on-road trail segments were identified, inducing a tunnel under Erie Station Road that was ultimately incorporated into a MCDOT improvement project.

- **Lehigh Valley Corridor Study, Rochester, NY.** Assisted in the evaluation of a 12-mile abandoned railroad corridor planning study. Work included evaluation of existing and planned uses along the corridor, environmental constraints, potential access points, and barriers along the proposed corridor. Dozens of public and private land use, master plan, and development studies were examined for affected areas along the corridor and potential impacts to them. The study looked at several transportation use scenarios and their impacts from a pedestrian/bike trail to light rail transit.

- **Washington Square Urban Renewal District Improvements, City of Rochester, Rochester, NY.** Assisted in the coordination, design development and detailing of a new urban block in the City of Rochester. Project involved the incorporation and detailing of unique streetscape accessories, which provided a setting for a new 21-story skyscraper and parking garage. The new urban block is adjacent to an historic park and the Genesee River and features granite bollards, brick paving, ornamental light fixtures and landscaping features to complement the architecture of the headquarters and new garage. Emphasis was placed on creating a "sense of place" by joining commonly used materials in the Rochester streetscape in unique and innovative combinations.

- **Rochester Institute of Technology Signage Study.** Project Manager for a signage study for including the main entrance on Jefferson Road, various off-campus residential communities and the RIT Business and Technology Park. The objective of the study was to develop a prototypical design for each entry type with a variable element or feature that could be changed to reflect the character of the specific community. A major objective was to consistent design theme between all the signage utilized on and off campus. Included preparing colored concept level sketches for each entry type studied showing various design alternatives along with proposed materials, landscaping, lighting and placement of the signs. Cost estimates were prepared for each alternative.

Andrew M. Hart, ASLA

Site/Landscaping

Mr. Hart has nine years of experience in the Landscape Architecture profession with projects that range from small-scale public park design and detailing to large-scale commercial plazas. His additional background in Architecture gives him well rounded knowledge of all phases of a project from the building to the site. He has prepared construction and landscape documents for retail stores, including rendered landscape plans for various uses, and designed storm water drainage systems and sanitary sewers. He has been used on design teams as an assistant project manager handling tasks that range from client contact and coordination with other design consultants, to preparing and presenting public presentations for planning boards. Aided by his strong computer background in CADD and Adobe Photoshop, Mr. Hart specializes in computer simulation techniques for visual assessments.

Experience

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r of Landscape Architecture,
College of Environmental Science
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PROJECT EXPERIENCE

- **Ellison Park, Monroe County, NY.** Project Landscape Architect for the multi-discipline planning and design project within the 444-acre County park. Project included the historically-sensitive rehabilitation of Fort Schuyler, a log cabin replica of an 18th century trading post; design and location of a new year-round four-unit restroom facility along with necessary utility improvements; upgrade of existing pedestrian trails to accommodate handicapped accessibility; upgrade of existing signage; full-depth reconstruction and expansion of the existing parking area and pedestrian trails; construction inspection services; and close coordination/involvement with very active local community groups.

- **Irondequoit Bay Multi-Use Trail and Public Access Plan, Monroe County Department of Planning, Monroe County, NY.** Project Designer for the development of a Master Plan for public access opportunities around Irondequoit Bay. This project involves extensive intermunicipal coordination with three towns bordering the project site -- Irondequoit, Penfield and Webster, as well as a major public participation component. Responsible for the development of a land-use plan from a GIS database, produced a composite of a 3-town map showing property lines, ROW's and natural features, as well as the development of a PowerPoint presentation for a series of public information meetings. Also responsible for developing cost estimates and researching funding sources for the trail implementation.

- **Canal Ponds Trail System, Greece, NY.** Landscape Architect for a 300-acre mixed-use development adjacent to the New York State Erie Canal in the Town of Greece, NY. The site boasts a wetland management area, 3,000 feet of canal frontage, and 25 acres of ponds created to diversify wildlife habitat, accentuate the site's aesthetics, and manage stormwater. To connect the buildings with the ponds, canal and other greenspaces in the development, a trail system was designed. The meandering trails, both paved and unpaved accommodate a variety of places, offering people interesting views and experiences at every turn.

- **Ontario Beach Water Park, Monroe County, NY.** Designer for the feasibility study of installing a seasonal water spray park within a sand beach area at Ontario Beach Park. Study investigated various water park systems and components, water circulation options, site selection within the historic Victorian-era park, and compatibility with use patterns and visual environment. Major challenges considered in the study focused on the sandy beach conditions, drainage, handicap accessibility, and winter weather/ice buildup from adjacent Lake Ontario.

- **Lehigh Valley Railroad Corridor Multi-Use Trail Study, Genesee Transportation Council, Rochester, NY.** Project Designer of a multi-use trail study which involved preliminary engineering, design and cost estimating of a 2-mile multi-use trail along an abandoned railroad corridor. This portion of rail ROW runs from the Canalway Trail in Genesee Valley Park southerly to Brighton Henrietta Townline Road. Project includes close coordination with an advisory group made up of interested residents. Proposed alignment will respond to the adjacent wild, undeveloped areas, wetlands, established neighborhoods and the adjacent County park and its internal trail system. The proposed trail includes structures over the Erie Canal and I-390, four at-grade crossings, adjacent residences, drainage structures, a poorly-drained cut section and flood-prone areas.

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- **Trail/Bike-Only Lanes Study, City of Elmira, NY.** Landscape Architect for this project that developed construction cost estimates and technical recommendations for a bicycling and hiking trail within the City and along

the Chemung River, south of the city. Responsibilities included mapping the trail, identification of pull-offs or resting areas, parking opportunities, screening/buffers and links to other trail systems and neighborhoods. Since portions of the trail occurred along a floodway levee for the Chemung River, extra coordination and construction details were required to minimize negative impacts to flood protection and occasional trail inundation.

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- **Fairport DPW Complex, Village of Fairport.** Landscape Architect for a feasibility study for programming and schematic concept design to combine the Fairport Municipal Commission Operations Center and Village of Fairport DPW garages into one new complex on the Liftbridge Lane East site.

- **Wal-Mart Riverhead, NY.** Assistant Project Manager/ Designer for a proposed Wal-Mart take-over of an existing vacant Caldor Retail facility in the Riverhead Plaza. Responsibilities included designing site improvements and over seeing CADD staff for the preparation of construction documents. Coordinated with architect and mechanical engineer on design issues. Also kept close contact with town and local municipalities on all approvals for the proposed project.

- **Ruby Tuesday, Inc. Lakewood, NY** Project Manager/Landscape Architect for a proposed 5,600 sf Ruby Tuesday restaurant located on an out parcel for the Chautauqua Mall. Work included close client contact and coordination with architect and mechanical engineer. Full civil engineering design, including building location and traffic circulation, all proposed storm water facilities and utility laterals to the building, grading and erosion control measures, and landscape design and specifications. Prepared all necessary town applications and presented project to both the Zoning Board of Appeals and Planning Board for site plan approval.

David H. DeGrave, PE

Electrical Engineer

Mr. DeGrave has 30 years of experience in power distribution, lighting systems, cost estimating, energy conservation, and fire alarm design. Work has been designed for institutional, commercial, municipal and industrial projects.

His experience encompasses vehicle maintenance facilities, warehouses, office buildings, hospitals, museums, theaters, stadiums, higher educational facilities, secondary education facilities, outdoor lighting and computer facilities.

PROJECT EXPERIENCE

- **Amtrak – New London, CT.** Electrical Engineer for new service, lighting and power distribution design for a large pedestrian bridge connecting various mass transit means (ferry, train, bus).

- **The Gunlocke Company, Wayland, NY.** Electrical Engineer for the renovation of a 31,000 SF office area on the second and third floors of an existing building originally built in the 1940's. Design included new electrical service, emergency power, elevator systems, fire alarm systems, light and power distribution. Worked closely with construction manager and contractor during construction phase.

- **42 East Avenue, Rochester, NY.** Renovation of a high-rise office building including new electric service, emergency power, coordinated voice fire alarm system, lighting and power distribution.

- **American Red Cross, Rochester, NY.**

  * **New Lab Space.** Remodeled existing headquarters office/laboratory space and added new laboratory space including new primary electric service. Customer changed from purchasing secondary power to purchasing primary power when it expanded the existing building after having purchased and remodeled two adjacent building. A new fire alarm system was also installed.

  * **Renovation of Historic Anderson Hall Building. Rochester, NY.** Renovation of a historical building that included a new electric service, emergency lighting, fire alarm, power distribution, kitchen equipment, and lighting design.

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Electrical Engineering, hester Institute of nology, 1971

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- **Amherst Girls Softball Fields, Town of Amherst, Amherst, NY. Power** distribution and lighting design for an existing softball field.
- **Brockport Elementary School, Brockport, NY.** New school included new primary service, fire alarm, lighting, power distribution, sound system(s), clock and bell system and TV distribution system.
- **Buffalo Bills, Ralph Wilson Stadium, Orchard Park, NY.** Replacement and upgrade of field lighting for the Ralph Wilson Stadium. Included lighting, power wiring and lighting controls.
- **Canandaigua National Bank, Canandaigua, NY.** Renovation of historic building. Work included power distribution and specialty lighting.
- **Court Street Bridge, City of Rochester, Rochester, NY.** Work included new lighting and heat trace of water mains and associated power and control wiring design.
- **Dowcraft, Jamestown, NY.** Design build manufacturing facility built to a tight budget. Work included new electric service, power distribution and lighting design.
- **Gleason Works, Rochester, NY.** Electrical modernization including new medium voltage distribution, load center and busway installation. Work included short circuit and coordination study.
- **Mokon (Mark V Industries), Protective Caps Division, Buffalo, NY.** Power distribution for power associated with HVAC equipment. Included 5 KV switchgear, loadcenter and connection of equipment. New addition to existing facility. Included lighting, power distribution and fire alarm design.
- **New York State Parks, Niagara Park, Niagara Falls, NY.** Power distribution and lighting design for renovations to pool at For Niagara and campground.
- **Niagara University, New Ice Rink Facility, Niagara Falls, NY.** New facility for Division I hockey team. Work included medium voltage feed to facility, lighting, power distribution, fire alarm and telephone.
- **O'Rourke Bridge, Rochester, NY.** Power distribution and control for street and bridge lighting.

- **Riedman Tower, Rochester, NY.** New high-rise building included new service, power distribution, coordinated fire alarm system and lighting design.

- **Rush Henrietta Schools District, Rush-Henrietta, NY.** Additions to various schools including power distribution, lighting, fire alarm, clock and sound systems.

- **City of Rochester, Public Safety Building, Rochester, NY.** New 142,000 square foot high-rise building to replace existing building. Systems included within the building were interior and exterior lighting, power distribution, fire alarm, security, closed circuit television, large emergency generator, UPS/Computer room installation.

- **City of Rochester, Pistol Range, Rochester, NY.** New state of the art facility added on to the existing Police Training Center. Work included specialized lighting, power distribution, a new electric service and fire alarm design.

- **City of Rochester, Mortimer Street Garage Relighting, Rochester, NY.** Removal of existing lighting and replacement with new for maintenance and energy conservation purposes.

- **City of Rochester, Midtown Tower Garage Relighting, Rochester, NY.** Removal of existing lighting and replacement with new for maintenance and energy conservation purposes.

- **Rochester City School District, SW Middle School, Power Distribution Design, Rochester, NY.** New 135, 000 square foot building. Work included a new service and power distribution.

- **Rochester Psychiatric, Building #16, Rochester, NY.** Remodeling of building to include power, lighting, fire alarm, and security for a 66,000 square foot building.

- **Volunteers of America, Rochester, NY.** Remodeling an abandoned auto dealership building on a "brown site" into a combined usage childcare, commercial store, administration and outreach building. Work included outdoor parking lot and drive lighting, interior lighting, power distribution, including a new service and fire alarm. Design build project accomplished under a tight schedule.

Douglas R. Strang, PE

Electrical Engineer

Mr. Strang has six years of electrical experience, with a strong background in field construction from his work as an electrician. He has designed power, lighting, and control systems for industrial, commercial, and food processing industries. Mr. Strang is also experienced with Allen-Bradley PLC systems and data highway applications. The following are examples of his experience.

PROJECT EXPERIENCE

- **Amtrak Passenger Station, Rome, New York.** Electrical Engineer for this project which evaluated and prepared needs assessments of the Rome Train Station complex with primary focus on three major areas – the Station Building, Passenger Tunnel and the Platform. The initial goal of this project was an evaluation and recommendations of improvements in order to address structural deterioration and leakage; offer passengers a more user-friendly facility; and address compliance with ADA requirements, as well as those of CSX and AMTRAK.

- **Griffiss Land Development Corporation, Ellsworth Road Industrial Access Drive, Rome, NY.** Re-designed the existing 5kV and 15kV power distribution system to allow demolition of overhead conductors. Developed a scheme for a new underground distribution system to serve the development of a future industrial park. CATV and telephone cabling was also relocated to a new underground distribution system. A new underground ductbank and manhole system was designed to provide for future bus-tying and circuit redundancy. Construction phasing was critical in order to keep important base loads energized.

- **Griffiss Land Development Corporation, Building 770, Rome, NY.** Renovation of 14,400 SF headquarters building on a former Air Force Base to provide four separate office spaces. Design included installing a master electric meter and provisions for tenant sub metering. Additionally, an antiquated complex 600A electrical distribution system was redesigned and upgraded to permit "fit-out" of tenant areas with minimal construction cost. The existing fire alarm system was modified to meet A.D.A. requirements and the State Building Code.

- **Jillian's Entertainment, Jillian's at High Falls, Rochester, NY.** Engineered the electrical system of a 43,500 SF, two-story entertainment complex built within the shell of an old trolley barn. The design included a new 2500 amp, three-phase, 208 volt electrical service from the utility.

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Electrical Engineering,
UNY Buffalo, 1992

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Lighting and power design was provided for a 15 lane bowling alley, virtual reality game room, dance club, kitchen, and billiards area. The new electrical distribution system consisted of feeders to 10 panelboards and nine rooftop air handling units. A voltage drop and short circuit analysis was completed during design of the new electrical system. Designed the lighting for the entire facility to be controlled by dimming control panels with remote control capability. The new lighting system was interfaced with the sound system and associated controllers to provide sound and lighting coordination.

- **NYS Office of Parks, Recreation and Historic Preservation, 4 Mile Creek State Park Electrical Distribution Upgrades, Porter, NY.** Designed the complete renovation of an existing electrified campground. Design included removing the existing 4800 volt, three phase, primary distribution system and installing a new 13.2 kilovolt, three phase, primary distribution system. A new primary meter pole near the park entrance was designed into the system for utility billing. New pad mounted medium voltage switches, with loadbreak elbow terminations, were incorporated into the design to allow selective maintenance of camping areas without completely de-energizing the park. All new pad-mounted distribution transformers, panelboards, and receptacle pedestals were part of the design. A new telephone system was also designed throughout the park.

- **Monroe Community College, Forum Renovation, Rochester, NY.** Provided electrical engineering for the renovation of the student union forum cafeteria area. Low glare downlights and occupancy sensor type switching were unique to this project. Compact fluorescent lighting was used throughout the renovated area to achieve greater energy conservation and lower maintenance costs. The project scope also included the renovation of the kitchen and serving line area. New branch circuits were designed to new kitchen equipment. The existing fire alarm system was extended and modified to accommodate new initiating and notification appliances, according to NFPA, State Building Code, and ADAAG.

- **University of Rochester Strong Memorial Hospital, Anesthesiology Department Renovations, Rochester, NY.** Provided electrical engineering support for the renovation of 1100 sq. ft. of antiquated lab space for new anesthesiology lab research. The design included power to new bench-top GFCI receptacles for lab equipment and new branch circuiting to new HVAC equipment. Smoke and heat detection devices were installed according to NFPA and the NYS building code. Energy efficient fluorescent luminaires were utilized to provide IES recommended

illumination levels uniformly throughout the space. Occupancy sensor lighting controls were used to conserve energy and comply with the NYS energy code.

- **NYS Office of General Services, Nathan Kline Institute Commissioning, Orangeburg, NY.** Served as electrical inspector during project construction to develop a punch list of electrical installation deficiencies. The approximately 200,000 SF construction site encompassed a two-story lab building, a two-story patient building, and a single-story magnetic resonance imaging (MRI) building. The project included inspection of services for a multitude of HVAC equipment and other lab related equipment. Inspected and commissioned new electrical service to the buildings which included five (5) new unit substations, providing a total of approximately 5.5 MVA of power. Also, commissioned a 100 kW and 175 kW emergency generator used for facility emergency power for life safety devices. Coordinated the substation switchgear training between the customer, contractor, and manufacturer's representative.

- **Eastman Kodak Co., Building 25/33 Demolition, Rochester, NY.** Engineered the disconnection of electrical, fire alarm, and security services to the buildings. Re-feeding nearby buildings was necessary because of the removal of an electrical loadcenter located in B-25/33. Many ancillary instrumentation and fire alarm electrical conduits had to be relocated to accommodate the building demolition and construction of new structural steel for utilities support. Alarm points from a data gathering panel in the building had to be reconnected to a DGP in another building to allow demolition.

- **Eastman Kodak Co., Building 331 Demolition, Rochester, NY.** Engineered the disconnection of electrical, fire alarm, and security services to the building. Particular attention was paid to the safety and environmental impacts of the demolition of this building, located in the synthetic chemical manufacturing area of Kodak Park. An existing industrial safety alarm system multiplex loop terminal box was relocated as part of the design. The fire alarm circuit serving adjacent buildings was rerouted underground to improve aesthetics and increase system reliability. New design included re-feeding existing street luminaires from an adjacent building power source.

- **Johnson & Johnson Clinical Diagnostics, Kodak Building 59 J-1 Machine, Rochester, NY.** Engineered the replacement of an existing HVAC fan motor magnetic controller with a new pulse width modulated variable frequency drive. The drive was specified with an output line reactor to limit the heating effect created in the existing motor because of

typical power aberrations produced by the VFD inverter. The control for the new drive was provided by an existing programmable logic controller SCADA system located within the building.

- **Johnson & Johnson Clinical Diagnostics, DNA Manufacturing Facility, Henrietta, NY.** Designed the 1500kVA electrical system for a 45,000 SF clean room manufacturing facility. The design included a 140kW generator set supplying emergency power to critical loads for DNA synthesis. The design also incorporated a PC-based property management system which monitored and controlled multiple AHU's, fire alarm, security, and card access systems.

- **Bausch and Lomb Optics Center, Next Generation Cast Molding Facility, Rochester, NY.** Engineered the electrical portion of a new contact lens manufacturing space. Design included the demolition and retrofit of a 36,000 SF print shop. The new electrical system utilized 2000 kVA of existing power distributed by 12 new panelboards. A key element of the design was coordination of the umbilicals which provide mechanical and electrical services to each manufacturing machine. An addressable low-voltage switching, microprocessor-based, lighting system was unique to the project. Fire alarm and security systems were also included in the package. Developed a relay logic control system for the spent mold vacuum extraction system.

Jeffrey P. Maurer, PE

Mechanical Engineer

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Engineering Science,
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Y-Star Quality Assurance
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Mr. Maurer has 11 years experience in all forms of Mechanical Engineering and is well versed in both commercial and industrial projects, including manufacturing, computer sensitive, government SCIF spaces, class 10,000 clean rooms, hazardous exhaust, schools and universities, public buildings, stores, state institutions and large office buildings.

Mr. Maurer has hands-on experience combining all forms of heating, ventilation, heat recovery, geothermal and hybrid systems and applicable codes. He has managed construction projects, performed validations of mechanical systems, and developed Direct Digital Control systems. His experience includes HVAC design for the new 130,000 SF, 6-story Public Safety Building for the City of Rochester, comprehensive renovations for three buildings on Griffiss Air Force Base, a new building with all processes to reduce and stabilize nuclear resin for Oak Ridge National Laboratory and Molten Metal Technologies, extensive renovations and validations of mechanical systems for Bausch and Lomb, a 100,000 SF office addition and a 7,000 SF atrium for Wegmans Food Markets and various tasks for Johnson & Johnson, Xerox, Eastman Kodak, Merck and Sears.

PROJECT EXPERIENCE:

- **City of Rochester, Public Safety Building, Rochester, NY.** Lead the HVAC design team for this new six-story, 130,000 SF triangular-shaped, building. Performed load calcs, designed water source heat pump system with integrated 16,000 CFM, total energy recovery wheel for ventilation. System included a 520-ton cooling tower, 75 HP loop pumps on VFD's, shell and tube and plate and frame heat exchangers. HVAC included stair pressurization and an engineered smoke exhaust system. Building was controlled by a central computer and total graphical DDC system.

- **Wegmans Office Building Expansion, Wegmans Food Markets, Rochester, NY.** Lead Mechanical Engineer for 100,000 square feet, 2-story addition and 7000 SF atrium with glass roof. Systems included: water-source heat pumps with an energy recovery ventilation wheel, modulating diffusers, evaporative cooler with VFD, circulating pumps with VFD package, all plumbing and storm piping and DDC controls throughout. This highly integrated project required close coordination with respects to the atrium design and HVAC requirements and performance. This addition was a "high profile" project as the existing building experienced numerous HVAC related comfort problems.

Also managed and performed Construction Administration Services for the new 3,100 SF kitchen with grease exhaust, make-up, commercial dishwasher, walk-in coolers, freezers and cooking suite.

- **SEG/MMT at Oak Ridge, TN.** Project Engineer for a new facility designed to treat radioactive organic ion exchange resins from nuclear power plants. Systems design included natural gas, process cooling and chilled water, instrument air and compressed air, demineralized water and caustic, potable and process water, oxygen, steam and condensate, slurry waste, dry resin and resin slurry, low, medium and high pressure nitrogen. Designed all pipe supports and bridges in accordance with Seismic Zone 2 of UBC. Also assisted design and selection of all instrumentation and controls.

- **Vynagel Pilot Lab, Bausch & Lomb, Rochester, NY.** Project Engineer for renovation of R&D labs into pilot manufacturing and future R&D lab. Project included high velocity, stainless steel exhaust system serving fume hoods, gas chambers, plasma enclosures, vacuum pumps, etc. Responsible for all services of CA, nitrogen, pure water, process drains, and process chilled water to Netstal injection machines and others as mentioned above.

- **Building Renovations, Griffiss Business Park, Rome, NY.** Project Engineer for all mechanical systems demo and installation to accept new tenants within each building. Worked on five different buildings. Work included chiller replacements, Government SCIF spaces and secret labs, building perimeter heating, new air handlers, Liebert split systems for computer SCIF spaces, and brand new DDC systems including a new, remote front end for the Owner

- **New Restroom Facility in Ellison Park, Monroe County Department of Parks, Rochester, NY.** Designed advanced hot water heating system with heat recovery ventilation and controls. Responsible for drawings and specifications for construction of mechanicals. Mechanical system has been adopted as a standard for construction by Monroe County.

- **Xerox Corporation, Building 218 Chiller Replacement, Webster, NY.** Responsible for design and preparation of piping drawings for installation of a 900 ton and 600-ton chiller. Involved layout of secondary pumps, condenser and chilled water piping up to 12 inches in diameter.

- **West Valley Demonstration Project, West Valley, NY.** Field Engineer assisting design and implementation of equipment identification and preventative maintenance Access database program.

James E. Siegfried, PE

Environmental Compliance

Mr. Siegfried has over 21 years of experience as a Civil/Environmental Engineer including contaminated site remediation programs, water supply and wastewater management systems, and solid waste management projects. Mr. Siegfried is a Senior Project Manager and serves as Bergmann Associates Environmental Services Business Segment Leader responsible for all aspects of client development and project execution including design, construction, and operation and maintenance. Recent client experience includes work on projects with the US Army Corps of Engineers, DASNY, Lockheed Martin Corporation, General Electric, General Motors, Xerox and Pfizer.

Mr. Siegfried has extensive experience in the use of high vacuum dual phase extraction techniques for the remediation of a number of sites with chlorinated solvent, and petroleum hydrocarbon contamination throughout the United States and Canada.

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PROJECT EXPERIENCE

Contaminated Site Remediation

- **Confidential Industrial Client, Auburn, New York.** Project Manager for the design of an Interim Action for the aggressive hydraulic control of the shallow bedrock groundwater. The design applies vacuum enhanced recovery techniques in fractured limestone to provide lateral groundwater flow containment, and to minimize vertical migration of DNAPL chlorinated solvents, acetone, and methanol to protect deeper aquifers. The system utilizes a series of wells at various source areas on the site, connected by a pipe header to a centralized collection and treatment facility. The process includes deep vacuum groundwater and soil vapor recovery, vapor treatment by catalytic oxidation and acid gas scrubber, and groundwater treatment by a fluidized bed biological reactor and activated carbon. Innovative features of the project include re-injection of partially treated groundwater containing acetone and methanol to supplement subsurface biological decomposition of chlorinated solvents, and spray irrigation of fully treated water to minimize discharge to the POTW resulting in significant cost savings to the client.

- **Confidential Industrial Client, Columbia, Maryland.** Project Manager for RCRA Corrective Measures program for remediation of gasoline contamination in soil and groundwater from a former underground

storage tank. The program utilized a high vacuum, dual phase extraction system constructed as a trailer mounted unit, which was leased to GE for the project. The economic analysis of rental vs. purchase indicated a breakeven period of 18 months of operation. The remedial objectives were achieved in 12 months of actual operation resulting in significant cost savings to the client.

- **Xerox Corporation, Calgary, Alberta, Canada.** Project manager for remediation of chlorinated solvent contamination beneath an operating warehouse and product distribution facility on property leased by Xerox. The project used the Xerox 2-PHASE Extraction process for removal of contaminants from the low permeability glacial till soils beneath the facility. Risk Management Criteria, developed through a site-specific risk assessment, were achieved in two years of active remediation. Regulatory closure was accomplished prior to the end of the lease allowing Xerox to vacate the property in accordance with their business objectives.

- **Xerox Corporation, Mississauga, Ontario, Canada.** Project manager for the remediation of chlorinated solvent and mineral spirits contamination beneath an operating manufacturing and warehouse facility on property leased by Xerox. The project used the Xerox 2-PHASE Extraction process for removal of contaminants from the low permeability glacial till soils beneath the facility. Clean up criteria were achieved in two years of active remediation with minimal disruption to existing operations, meeting Xerox business plans for completion of remediation activities prior to the end of the lease.

- **Xerox Corporation, Oakville, Ontario, Canada.** Project manager for the remediation of toluene and chlorinated solvents beneath an operating toner manufacturing facility. The project used the Xerox 2-PHASE Extraction process for removal of contaminants from the low permeability glacial till soils beneath the facility. Risk Management Criteria, developed through a site-specific risk assessment, were achieved in four years of active remediation using the Xerox 2-PHASE Extraction process.

- **Petroleum Contaminated Site Remediation.** Project Manager, and or project consultant on a number of petroleum contaminated sites providing remedial program development and implementation services. Sites have included filing station, bulk storage, government owned facilities and petroleum based contamination at industrial complexes. Projects have included pilot testing of remedies where appropriate, and

use of a variety of remedial technologies including soil vapor extraction, dual phase extraction, pump and treat, passive and active free product recovery, air stripping, carbon adsorption and thermal treatment of process effluent.

Water and Wastewater Systems

- Project manager for the analysis of the failure of a soil bentonite liner system for municipal water supply slow sand filter lagoons. Completed recommendations, design, and construction management of a geomembrane lining system for repair and completion of construction of the filters.

- Project manager for the system evaluation, design, and construction management of improvements for the expansion of an existing town water distribution system. The project included booster pump station renovation, pressure reducing station, two 200,000-gallon water storage tanks, 10,500 linear feet (LF) of 12" transmission main, and 2,300 LF of 8" distribution main.

- Project engineer for the design of new water transmission and distribution system to extend service to an industrial/commercial area of a town. The project included 15,000 LF of water main, new booster pump station, retrofit telemetry and controls for an existing 200,000-gallon industrial water storage tank.

- Project manager for the design of a sanitary sewer collection system for a previously unsewered village in northern Pennsylvania. The project included 17,000 LF of gravity collectors, two sewage pump stations, and 1,000 LF of forcemain.

- Project manager for the design and construction management of 12,000 LF of gravity collector sewers, two pump stations, and 2,500 LF of forcemain for commercial development along a highway corridor. The project was adjacent to, and connected with the project described above for another municipality.

Solid Waste Management

- **US. Army Corps of Engineers, Ft. Detrick, Maryland**. Project Director for the design of a two-cell landfill expansion plan for the U.S. Army Corps of Engineers. The landfill, located at Ft. Detrick, Maryland, accepted incinerator ash and overflow solid waste from the base.

- Project manager for the planning, design, and permit application preparation for expansion of an existing county sanitary landfill and industrial waste landfill. Design and construction supervision of retrofit leachate collector systems and closure plans for old fill areas. Developed interim operation plans and performed monitoring of daily operations.

- **South Side Remediation Project, High Acres Landfill, Waste Management, Inc.** Project engineer for the redesign of a deep leachate pump station for the South Side Remediation Project at the High Acres Landfill for Waste Management, Inc. Project manager for engineering observation and testing services during final cover placement at the Monroe-Livingston Landfill for Waste Management, Inc.

K. DAWN BLACKLEDGE, P. G.

Dawn Blackledge, P.G.

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Ms. Blackledge has 18 years of experience as an environmental engineer/hydrogeologist. She has actively participated in projects related to toxic and hazardous waste site evaluations, hydrocarbon site assessments, surface water quality projects, RCRA permit applications and Facility Investigation Workplans, Pollution Prevention Plans, and NPDES permitting. Ms. Blackledge has extensive and varied experience related to the aerospace, chemical, iron, lead and steel, pulp and paper, transportation, and petroleum industries. She is experienced in a wide range of environmental applications, including environmental permitting at the local, state and federal levels; compliance of facilities for industrial, domestic and stormwater regulations; and requirements for groundwater monitoring plans. She has directed multi-disciplinary environmental and geophysical projects for private industry and the public sector. Ms. Blackledge has directed large-scale environmental site assessments for major roadway corridor studies throughout Florida. Her experience includes extensive design and implementation of sediment and surface water sampling and analytical plans, including the design of the City of Jacksonville's water quality monitoring plan. She was actively involved in development of the Stormwater Master Plan for Duval County, and provided senior project director services for the development of Stormwater Pollution Prevention Plans for industrial sites throughout the Southeast.

ROJECT
XPERIENCE

Ms. Blackledge's projects have included:

- Project Director for over 800 Phase I, II and III Environmental Site Assessments for sites ranging from raw land to complex industrial facilities. Designed Phase II Environmental Site Assessment work plans to investigate numerous facilities including, but not limited to, petroleum facilities, chlorinated solvent impacts for drycleaning facilities, battery recycling facilities, coal gasification facilities, numerous manufacturing facilities, wastewater treatment facilities, former railroad facilities, and commercial facilities.

- Project Director for the City of Jacksonville's General Environmental Contract. Projects included Phase I, II, and II ESAs, site assessments for petroleum storage tank facilities, source removals for City of Jacksonville owned properties, surface water and sediment sampling and analysis to support permits DRI applications, underground storage tank removals, emergency response operations, and soil sampling and analysis for stormwater pond design projects. As Project Director, Ms. Blackledge was responsible for allocating resources and manpower, budgeting, scheduling, and quality assurance/quality control for project deliverables.

PROJECT EXPERIENCE (cont.)

- Project Director for emergency response operations throughout Northeast Florida and South Georgia. Directed field personnel, coordinated subcontractors, managed regulatory issues and reporting requirements, and prepared Source Removal Reports for over forty sites, including JEA wastewater treatment plants. Project management approaches resulted in the successful remediation of affected areas, providing substantial cost savings for facilities. Provided emergency response and hazardous compliance training for Jacksonville Transportation Authority employees, plant managers, and petroleum marketers.

- Project Director for risk assessment at Kids Kampus facility in downtown Jacksonville. Project included performing a site assessment at the referenced site prior to site development activities. The investigation included an extensive search of the past history of the site, location of potential areas of concern, and description of former site operations. Site screening indicated that soil at the site had been negatively impacted from past site activities. A Contamination Assessment was performed and a Contamination Assessment Report (CAR) was submitted to FDEP. A "risk based" assessment was performed using risk-based guidelines in an effort to avoid costly remediation of impacted soils. As a result of the recommendations, the site was given "No Further Action" status. Using a risk-based approach saved the City of Jacksonville over $2 million for remedial design/remedial action. In situ soil sampling was performed at the site as part of the additional investigations.

- Project Director for LaVilla/Brooklyn Redevelopment Project, Groundwater and Soil Sampling. Project included providing site assessment activities for approximately two hundred parcels located in downtown Jacksonville. Site assessment activities included a complete investigation of the ownership, history of each property; a review of the past operation history of each property, including process and waste disposal history and regulatory history; and a review of all previous investigation at each property. Based on the results of the site assessments, a scope of work was developed, when necessary, to perform soil and groundwater investigations. Sampling locations and rationale.

- Presented with the site assessment findings, and methodologies and QA/QC protocol was defined. A groundwater sampling plan was described, indicating the laboratory analytical parameters to be tested at each property and well location. The investigative phase of the project included the installation of over 40 groundwater monitoring wells and eighty soil borings.

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- Assisted in the design of an RI/FS Work Plan to address contaminants for ash at two former incinerators and two disposal sites in Jacksonville. The Work Plan included sampling protocols to address dioxins, volatile and semi-volatile organic compounds in the soil, groundwater, surface water and sediments. Ms. Blackledge was responsible for coordinating field efforts to conduct surface water sediment and groundwater sampling for analyses of dioxins and other chemicals.

- Prepared a Work Plan and participated in the collection of soil samples at a former ash disposal facility in Jacksonville.

- Development, preparation, and review of Pollution Prevention Plans and Best Management Practices for Stormwater Management Associated with Industrial Activities and Construction Activities. Prepared SPCC Plans for Jacksonville International Airport and Cecil Field Airport.

- Preparation and review of NPDES Permit Applications for Stormwater Discharge and Industrial Wastewater Discharge for various industries, including a large organic chemical manufacturing plant. Developed and implemented surface water quality sampling for JIA and the Freedom Commerce Center.

- Preparation of RCRA closure permit applications for chemical manufacturers and steel mills.

- Preparation of RCRA Facility Investigation Workplans for chemical manufacturer in south Georgia. Provided hazardous materials compliance and remediation for a battery operation plant and PCB sites.

- Coordinated, designed and supervised field activities for water quality and quantity studies for Duval County, Florida as part of the Duval County Stormwater Master Plan.

- Prepared and implemented groundwater monitoring plans for land application operations including pesticides/ herbicides.

- Analyzed saltwater intrusion in Duval County, Florida using geophysical and water quality data.

- Investigated settling ponds at industrial locations for groundwater and surface water contamination.

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Bachelor of Science Degree in Geological Engineering, University of Mississippi, 1982

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K. DAWN BLACKLEDGE, P. G.

PROFESSIONAL REGISTRATION	State of Florida, Professional Geologist No. 556 State of Alabama, Professional Geologist No. 956 Governor's Appointee, Board of Professional Geologist
PROFESSIONAL AFFILIATION	Florida Engineering Society Society of Women Engineers American Water Resources Association Soil and Water Conservation Society Society of Petroleum Engineers

LEON J. CARRERO, P. G.

Leon J. Carrero, P. G.

Vice President/ Principal Operations Manager

Mr. Carrero has over eleven years of professional experience in the field of hydrogeological investigations and remediation system design. His field experience includes: soil groundwater evaluation and assessment of hazardous and non-hazardous materials at retail gasoline facilities, bulk distribution terminals, as well as commercial and industrial facilities throughout Florida and the Southeast; collection of soil and groundwater samples for laboratory analyses; installation of monitor and potable wells; performing aquifer tests, vapor extraction and air sparging tests; and installation, operation and maintenance of groundwater and soil treatment systems. Mr. Carrero is also a Lead Inspector and Risk Assessment Specialist. He has extensive knowledge of field instruments such as OVAs, Water Level Indicators, pH-conductivity-temperature-DO meters, Data Loggers, and XRFs.

As a Project Manager, Mr. Carrero has developed project plan tasks; supervised and trained field personnel; conducted quality assurance/quality control (QA/QC) checks; prepared cost estimates and budget tracking procedures; evaluated data collected in the field to design remediation techniques for contaminated groundwater and soil; and prepared reports to communicate the findings with appropriate recommendations to clients and regulatory agencies. Mr. Carrero has extensive experience with remediation techniques that include vapor extraction, air sparging, air stripping, and carbon absorption. He is OSHA certified, and possesses extensive knowledge of the regulations governing leaky underground storage tanks, hazardous and non-hazardous wastes, and with procedures relating to emergency response situations. He has extensive computer modeling experience and is familiar with WordPerfect for Windows, Excel and several other software products.

PROJECT EXPERIENCE

Mr. Carrero's projects have include:

- Project Director for the removal and replacement of over 50 underground storage tanks (USTs) associated with backup generators at JEA wastewater plants throughout Jacksonville. The scope of the project included removal of the USTs, collecting soil and groundwater samples, and preparing Tank Closure Assessment Reports (TCARs) to comply the Florida Department of Environmental Protection (FDEP) Tank Closure Requirements. Hydrocarbon impacted soil and groundwater Source Removals were conducted at five facilities during this project. No Further Assessments were obtained for four of the five facilities following completion of the source removal activities. Mr. Carrero also coordinated and managed the installation of over 50 aboveground storage tanks (AST) at each of these facilities, trouble shooting, and ensuring proper operation of the generators. AEROSTAR provided continue backup capabilities to the generators throughout

PROJECT

EXPERIENCE (cont.)

the project eliminating down-time. At the request of JEA's project managers, this project was completed in record time prior to starting of the hurricane season. Mr. Carrero's key role in obtaining quotes from reputable contractors and managing contractors considerably accelerated completion of the project and reduced overall costs for the project.

- Project Director for Emergency Response at JEA-Hendricks Avenue Water Treatment Plant. Mr. Carrero directed emergency response operations following discharges of diesel from an the emergency generator at the JEA-Hendricks Avenue Water Treatment Plan. The diesel fuel spread outside the generator room into the surficial soil, in the immediate area of the site building and an AST. Public supply wells are located at the site. Due to the high sensitivity of the site, Source Removal activities were initiated immediately to remediate the hydrocarbon impacted soil. Under the direction of Mr. Carrero, hydrocarbon impacted soils were excavated; and accumulations of LPHs and hydrocarbon impacted groundwater were removed using a vacuum truck concurrent with the soil removal activities. Dual extraction tests were conducted for approximately six months, reducing accumulations of LPHs from almost four feet to obtaining dissolved hydrocarbon concentrations in groundwater samples to cleanup target levels. AEROSTAR's aggressive cleanup approach reduced costs associated with assessment, considerably reducing the time to achieve site cleanup, and satisfying regulatory requirements.

- Project Manager for Site Assessments (SA) in accordance with Chapter 62-770, Florida Administrative Code (FAC) and Limited Site Assessments (LSA) for several JEA Water Treatment facilities. These facilities included Southside Generating Station, Westside Service Center, Southside Service Center, and various water treatment plans. The scope of work included installation of monitor wells, collection of soil and groundwater samples, and preparation of Site Assessment Report (SARs) to comply the FDEP requirements.

- Project Director for soil sampling for JEA underground utility installation projects. Mr. Carrero coordinated all field efforts and/or collected soil samples, obtained laboratory results, and prepared reports to comply with all permit requirements. This level of effort has reduced down-time for JEA piping installation projects.

PROJECT EXPERIENCE (cont.)

- Provided professional expertise for the City of Jacksonville in the design of a background sampling protocol for dioxins and volatile and semi volatile organic compounds for two former incinerators and two disposal sites in Jacksonville Florida.

- Developed an Operational Plan for the City of Jacksonville to properly handle incinerator ash material encountered during construction activities. Contractors during installation of underground utilities and other construction activities are currently using this plan for the City of Jacksonville and JEA. The plan details the steps required for personnel protection, proper handling of the incinerator ash, and eventual disposal of the material.

- Project Director for field operations associated with evaluating the extent of ash at two former incinerator sites located in Jacksonville. The scope of work consisted of collecting soil samples to evaluate the extent of ash and submitting the samples for analyses of dioxins, volatile and semi volatile organic compounds. Mr. Carrero was responsible for interpreting the data coordinating field efforts, and managing field personnel and equipment.

- Project Manager for PCAP/PCAR at several former incinerator ash sites in Jacksonville, Florida.

- Project Director and Project Manager for numerous closure assessments, initial remedial action plans, contamination assessment investigations, and design of remediation plans for numerous petroleum storage facilities, which include the following clients: Exxon Company, USA; Amoco Oil Company; Stuart Petroleum; Star Enterprises and BP Gulf.

- Conducted numerous Phase I and Phase II Environmental Site Assessments (ESA) for commercial and industrial facilities including the City of Jacksonville, FDIC, and numerous engineering firms.

- Provided hydrogeological and environmental technical support and implementation of all phases of hazardous and non-hazardous impacted groundwater and soil investigations as well as remediation at numerous facilities throughout the southeast.

ACADEMIC BACKGROUND

B.S., Geology, Option Engineering Geology, Wright State University, July 1986

M.S., Geology, Option Geophysics, Wright State University, March 1989

LEON J. CARRERO, P. G.

PROFESSIONAL REGISTRATION

State of Florida, Professional Geologist Registration No. 1727

State of Georgia, Professional Geologist Registration No. 1488

PROFESSIONAL AFFILIATION

National Groundwater Association

Society of Marketing and Professional Services

Hispanic American Business Association

Florida Planning and Zoning Association

Society of Marketing Professional Services

HabiJax Volunteer

Philip E. Elson

Vice President/Principal Program Manager

Mr. Elson has over 14 years experience providing hazardous waste management, contamination assessment/ remediation, and environmental training services. Mr. Elson specializes in developing and implementing environmental management programs associated with large-scale land acquisition projects. His duties have included resolving environmental concerns relating to hazardous waste contamination and leaky underground petroleum storage tanks; overseeing asbestos survey, operation and maintenance, and abatement operations; conducting transactional and operational environmental audits; overseeing data collection and documentation activities associated with Environmental Impact Statement preparation; and serving as project liaison with federal, state, and local environmental regulatory agencies. He is currently responsible for the development and implementation of a corporate Brownsfields redevelopment program. Over the past four years he has served as Chairman of the City of Jacksonville's Brownfields Coalition. Mr. Elson was formerly project manager of a State-led petroleum cleanup contract with the Florida Department of Environmental Protection's (FDEP) Bureau of Waste Cleanup in Tallahassee. Previously, Mr. Elson served as an Environmental Specialist working with hazardous, industrial and solid waste enforcement issues for the FDEP's Southeast Florida District.

PROJECT EXPERIENCE

Mr. Elson's projects have included:

- Florida Air National Guard, Duval County, Florida - management of an architectural, engineering, and design contract pertaining to the removal and replacement of 30 underground fuel storage tanks and oil water separators at the Florida Air National Guard's Jacksonville International Airport facility. This included the review of all design plans, bid specifications and construction cost estimate documents.

- LaVilla Downtown Redevelopment Project, Jacksonville, Florida- Development and management of a contamination assessment and cleanup program for the City of Jacksonville's LaVilla Downtown Redevelopment land acquisition program. This program included performing a contamination screening evaluation for 111 blocks of commercial and residential properties; implementing a Phase I environmental assessment program addressing 42 blocks and containing 334 parcels; and managing Phase II site investigation program for 27 of the 42 blocks assessed. The final phase of the project included performing contamination assessment and cleanup operations at six sites in order to facilitate the project's redevelopment construction schedule.

PROJECT EXPERIENCE (cont.)

- FDEP State Lead Petroleum Cleanup Program, Jacksonville, Florida - project manager for a $12 million state petroleum cleanup contract responsible for overall program management operations. Program activities included performing site investigations, preparing contamination assessment reports and remedial action plans, and constructing and operating soil and groundwater cleanup systems at a total of 32 facilities. Mr. Elson's responsibilities included technical review of all work products, preparing fee proposals and scopes of work, scheduling and overseeing all company and subcontractor operations, insuring compliance with project schedules and budgets, and maintaining positive client relations with FDEP project managers.

- Winn-Dixie Stores, Jacksonville, Florida development and implement of a corporate environmental site assessment program including the development of a Phase I environmental assessment protocol, performing Phase I environmental site assessments and Phase II site investigations, and conducting asbestos survey and abatement activities to support Winn-Dixie Stores facility expansion operations.

- I-595 Port Everglades Expressway, Broward County, Florida Addressing and resolving environmental issues associated with the I-595 Port Everglades Expressway right-of-way acquisition program. This included performing phase I and II environmental site assessments, overseeing procurement and field operations associated with underground storage tank removals, asbestos survey and abatement, relocation assistance and facility demolition. Prepared notifications and permitting documentation required to maintain compliance with various state and local regulatory programs including qualification of petroleum contaminated sites for the FDEP's Early Detection Incentive Program.

- Various Environmental Assessment Projects- Conducting Phase I and Phase II environmental assessments and prepared audit reports for various property transactions and types of commercial and industrial operations throughout Florida, including a 10,000-acre residential/commercial development, a 100-parcel airport land acquisition program, a resin paint blending facility, automotive dealerships, shopping centers, etc. The audits identified and assessed the diverse environmental liability issues relating to both transactional and operational concerns. Developed and implemented environment assessment and management programs for three major FDOT right-of-way acquisition projects.

PROJECT EXPERIENCE (cont.)

- Course Development and Training, Nationwide Developed a one-day, eight-hour training course for the International Right of Way Association (IRWA) entitled Understanding Environmental Contamination in Real Estate. Mr. Elson was responsible for the development of an instructor's manual, a student manual, visual aides, case studies, and a final examination. He is currently completing two new IRWA courses; Project Development and the Environment (two days), and Environmental Awareness (one day). Mr. Elson is an accredited instructor with the IRWA and has taught over thirty times nationwide. He is also Chairman of the IRWA's International Environment Committee.

- Various FDEP Projects, Southeast Florida Coordinated and administered compliance and enforcement activities involving hazardous, industrial and solid waste regulations. Activities included assessing RCRA penalties, preparing Notices of Violation, administrative orders, case reports, and negotiating Consent Orders/Agreements. Oversaw groundwater contamin-ation assessment and remedial action activities associated with hazardous waste disposal including State and EPA Superfund sites. Conducted technical reviews of proposed site investigation and cleanup plans. Performed field audits to verify proper sampling and quality assurance/quality control procedures. Conducted RCRA compliance inspections at numerous facilities throughout Southeast Florida. Facilities inspected ranged from Federal Air Force and Coast Guard installations, RCRA permitted defense contractors, nuclear power plants, and state transportation/maintenance yards to small family owned businesses such as service stations and dry cleaners. As a member of the FDEP's Southeast Florida District's Emergency Response Team, provided technical assistance to fire department Haz-Mat personnel regarding environmental concerns resulting from hazardous material fires, spill and releases.

ACADEMIC BACKGROUND

Bachelor of Science, Comprehensive Major in Biology/Chemistry Minor, Illinois State University, 1982

AHERA Asbestos Abatement Supervisor

Florida Real Estate Salesman

PROFESSIONAL AFFILIATION

International Right-of-Way Association, Environmental Committee, Chairman

Jacksonville Brownfields Redevelopment Coalition, Chairman

First Coast Manufacturers Association, Environment Committee

Florida Association of Environmental Professionals

Air and Waste Management Association

American Water Resources Association

G. WARREN LEVE, P. G.

G. Warren Leve, P.G.

Senior Consultant
Hydrogeology

Mr. Leve has more than 30 years of experience in conducting detailed groundwater and surface water investigations in the southeastern United States and the Caribbean. As Hydrogeologist and Subdistrict Chief of the U.S. Geological Survey (USGS), he has authored numerous technical reports encompassing such subjects as aquifer characteristics of complex multiaquifer systems, downhole geophysical exploration, environmental and urban hydrology, regional water resources assessments and water budgets, aquifer mapping, numerical modeling of groundwater flow, and water quality and hazardous waste investigations. He has also received national and international recognition for his contribution to the understanding of groundwater flow systems and salt water intrusion in coastal aquifers.

Mr. Leve conducted detailed geochemical investigations on the source and movement of salt water intrusion in coastal aquifers. He also aided in the design and location of water supply systems for major developments, agricultural interests, and municipalities in Florida, Puerto Rico and the Bahamas.

Mr. Leve has been guest lecturer in hydrogeology at the University of Florida and is an adjunct lecturer in geology and oceanography at Jacksonville University and the University of North Florida at Jacksonville. He has also been appointed a member of the Technical Advisory Committee for Jacksonville's Environmental Protection Board.

KEY PROJECTS

Contamination Assessments

- Contamination assessments have included definition of regional and site-specific hydrogeology; extensive test drilling into multiple aquifers; aquifer testing programs; detailed soil and groundwater sampling programs; downhole geophysical surveying; definition of groundwater flow; numerical models of contaminant movement; design of recovery and treatment systems for site remediation; and design and implementation of groundwater and surface water monitoring programs.

Groundwater Monitoring Plans

Groundwater monitoring plans (permitting) have included collection and assimilation of all regional hydrogeologic data; detailed test drilling programs to define site geology/hydrogeology; installation of piezometers to define groundwater flow characteristics in multiple aquifers; aquifer testing to define rate of groundwater movement; inventory of adjacent potential receptors of any contamination; analysis of groundwater level fluctuations for landfill design; and design and placement of monitor wells (clusters) to detect any leachate plume from the landfill. Mr. Leve was responsible for one of the first monitoring plans approved by both FDER and SJRWMD under new expanded requirements outlined in FAC 17-7.05.

G. WARREN LEVE, P. G.

Liability (Risk) Assessments

- Liability (risk) assessments have included background searches at regulatory and enforcement agencies to define any past environmental violations on each site; background searches to define general site hydrogeology; site inspection to define site conditions and locate potential adjacent receptors of contamination; sampling and analyses of existing compliance wells at each site; establishment of matrix to rank each site as to potential for contaminating adjacent sites; and ranking of each site and recommending further action for site remediation, monitoring only, or no further action.

Water Resources Investigations

- Water resources investigation have included site specific and regional studies of the availability and quality of ground and surface water supplies in the U.S. and Caribbean including studies on the impact of developing these supplies on the environmental and adjacent water users. Many of these studies included the compilation and interpretation of two and three dimensional computer groundwater flow models.

ACADEMIC BACKGROUND

PhD Candidate, Hydrogeology, University of Arizona

Postgraduate studies in Hydrogeology, Louisiana State University

MA, Geology, University of Texas

BA, Geology, University of Buffalo

PROFESSIONAL REGISTRATION

Geologist, Florida, South Carolina

Hydrogeologist, American Institute of Hydrology

Water Well Contractor, Florida

PROFESSIONAL AFFILIATIONS

American Institute of Hydrology

American Water Resources Association

National Water Well Association

Jacksonville Environmental Protection Board, Technical Advisory Committee

Florida Department of Environmental Protection, Technical Advisory Committee, Wellhead Protection Ordinances

RICHARD D. McCANN

Richard D. McCann
Project Manager

Mr. McCann has eight years experience with the assessment and remediation of soil and groundwater by petroleum constituents such as gasoline, diesel, and jet fuel. Mr. McCann also has experience with the assessment of dry cleaning facilities contaminated with tetrachloroethene (PCE) and its degradation products. Mr. McCann's field responsibilities include design and supervision of monitor well installation, aquifer testing, soil and groundwater sampling, and interpretation of geological and hydrogeological data. He has extensive assessment experience using Geoprobe™ sampling techniques and field gas chromatographs (GC) to delineate the extent of soil and groundwater contamination. In addition to field activities related to assessment, Mr. McCann has experience with tank removal and dewatering, installation and operation of remediation systems from traditional groundwater pumping and treatment to in situ systems using soil vapor extraction, air sparging, and bioremediation.

Mr. McCann has managed environmental projects for private industry and the public sector. He has experience in supervising and scheduling assessment activities, supervising on-site subcontractors, collecting and compiling field data, and preparing a wide range of technical reports that include Contamination Assessment Plans (CAPs), Contamination Assessment Reports (CARs), CAR Addenda, Remedial Action Plans (RAPs), Monitoring Only Plans (MOPs), and annual, semi-annual, and quarterly reports.

Mr. McCann is responsible for managing AEROSTAR's Florida Department of Environmental Protection (FDEP) Pre-Approval and Petroleum Cleanup Participation Program (PCPP) department. His primary responsibilities as manager of the FDEP Pre-Approval and PCPP Programs include direct contact with FDEP and local regulators to ensure compliance with State regulations, to negotiate the scope of work orders, and to prepare appropriate work plans.

PROJECT EXPERIENCE

Mr. McCann's project experience includes:

- Conducting soil vapor survey by installing soil borings, determined groundwater quality by installing and sampling groundwater monitor wells, interpreting and compiling data, and preparing technical reports of findings with recommendations based upon assessment results. The results of the assessments were used to generate a Contamination Assessment Report recommending on-site remediation. Completing all field services and providing information upon which the recommended remediation system could be designed and implemented.

PROJECT EXPERIENCE (cont.)

- Provided rapid response to a leaking one million gallon AST at a US Navy jet fuel bulk storage facility in Alaska. Activities included supervising onsite subcontractors, coordinating field work with facility operations, monitor well installation and sampling, sample shipping via railroad freight lines, free-product recovery operations, and environmental impact monitoring of the nearby Prince William Sound.

- Implemented a Phase II site assessment of a chemical manufacturing and distribution facility. Conducted a soil vapor survey by installing soil borings, determined groundwater quality by installing and sampling groundwater monitor wells, interpreted and compiled field and laboratory data, and prepared a technical report of findings. The project was implemented under the City of Jacksonville Regulatory and Environmental Services Department.

- Submitted Phase I and Phase II site assessment work plans to address chlorinated solvent contamination at multiple dry cleaning facilities. Mr. McCann was responsible for conducting site assessment fieldwork and supervision of all onsite subcontractors. Assessment responsibilities included sensitive receptor surveys, off-site access agreements, underground utility clearances, direct-push soil gas sampling, direct-push soil sampling and description, direct-push groundwater sampling for mobile laboratory analyses, groundwater monitor well installation, and waste management and disposal. Report preparation responsibilities included completion of a draft CAR in accordance with new State Hazardous Waste reporting criteria, conducting site interviews for history of operation, constructing initial site maps, compiling and interpreting soil gas survey results, water table elevation contours, direct-push and conventional groundwater sampling results, well completion logs, and geologic cross-sectional maps.

- Implemented the assessment techniques of an RI/FS Work Plan under Environmental Protection Agency (EPA) Region IV protocol to address contamination from incinerator ash from former waste incinerators and associated disposal sites for the City of Jacksonville. Responsibilities included those of team leader to delineate and characterize the extent of ash-impacted soils using GeoprobeTM sampling techniques and field X-Ray Fluorescence (XRF) devices, supervised onsite subcontractors, and coordinated the handling and disposal of investigation-derived wastes.

PROJECT EXPERIENCE (cont.)

- Negotiated and managed assessment activities at several distressed facilities as part of the U.S. EPA Brownfields Economic Redevelopment Initiative. Sites evaluated for Brownfields cleanup are abandoned, idled or under-used industrial and commercial facilities where expansion or redevelopment is complicated by environmental contamination.

- Mr. McCann worked in conjunction with local regulatory agencies, legal counsels, and development investors, to prepare Brownfields sites in accordance with redevelopment goals while integrating special financial issues, liability considerations, assessment and cleanup processes, and regulatory requirements.

ACADEMIC BACKGROUND

Bachelor of Science, Geology, University of Florida, 1991

Total Quality Advantage, Organizational Dynamics, Inc., Melbourne, FL, 1994

PROFESSIONAL REGISTRATION

OSHA 40-Hour Safety Training for Hazardous Waste Activities

OSHA 8-Hour Supervisor Training for Hazardous Waste Activities

OSHA 8-Hour Refresher Training for Hazardous Waste Activities

PROFESSIONAL AFFILIATION

Professional Progress Training with

FDEP and the First Coast Manufacturers Association (FCMA)

M. Christopher McNees
Project Manager

Mr. McNees has four years of experience with assessment and delineation of petroleum constituents such as gasoline and diesel. He has experience in supervising and scheduling assessment activities, supervising on-site subcontractors, collecting and compiling field data, and preparing a wide range of technical reports that include CAPs, SARs, SAR Addenda, MOPs, and annual, semi-annual, and quarterly reports. His experience also includes performance of remediation activities at hazardous and non-hazardous emergency response sites, underground storage tank removals, upgrades, and installations; monitoring well installations; soil and groundwater sample collection; and report generation.

Mr. McNees is responsible for managing AEROSTAR's FDEP Pre-Approval and Petroleum Cleanup Participation Program (PCPP) designated sites. His responsibilities include direct contact with FDEP and local regulators to ensure compliance with regulations, negotiate work orders, and preparation of work plans.

Mr. McNees also performs, manages, and reports the results of surface water/sediment and stormwater sampling events conducted on a monthly/quarterly/semi-annual basis.

Mr. McNees has a solid background in performing Phase I and Phase II environmental site assessments (ESAs), transaction screening analyses (TSAs), and contamination screening evaluations (CSEs) for corridor studies along right-of-ways.

Mr. McNees' office responsibilities also include management, maintenance, and calibration of field equipment and ordering supplies needed by AEROSTAR field teams.

PROJECT EXPERIENCE

Mr. McNees' project experience includes:

- Performing Phase I ESAs and Phase II ESAs across the Southeast in accordance with current ASTM standards for major telecommunications firms, an automotive repair chain, and Winn-Dixie Stores, Inc. for land acquisition projects.
- Performing Contamination Screening Evaluations in Jacksonville, Florida, for right-of-way improvements along an approximate one mile corridor of Riverside Avenue, a three mile corridor of Pritchard Road, and twelve blocks of Main Street (US 17) in downtown Jacksonville.
- Conducting delineations of hazardous and non-hazardous substances in soil and groundwater at a former paint production plant.

PROJECT EXPERIENCE (cont.)

- Performing an emergency response cleanup at a Jacksonville railroad switchyard after a locomotive spill. Activities included a soil vapor survey and delineation of non-hazardous substances in soil, coordinating efforts with the railroad officials and regulatory agencies, data collection, and report preparation of site activities.

- Managing the groundwater and surface water/sediment sampling teams during the Remedial Investigation/ Feasibility Study (RI/FS) performed at former incinerator and ash disposal sites in Jacksonville, Florida. Over 40 monitor wells were sampled, and surface water/sediment samples were collected from Moncrief Creek and Ribault River.

- Performing soil and sediment sampling along the upper basin of Deer Creek to evaluate potential for contamination along the creek bed. The project was divided into two phases: Phase I consisted of soil sampling from mounds of dirt located along the creek, and Phase II consisted of collecting sediment samples along 700 feet of Deer Creek.

ACADEMIC BACKGROUND

Bachelor's of Science, Biology, 1997, University of North Florida

PROFESSIONAL REGISTRATION

OSHA 40-Hour Safety Training for Hazardous Waste Activities

OSHA 8-Hour Safety Training for Hazardous Waste Activities

PROFESSIONAL AFFILIATION

First Coast Manufacturer's Association

G. Scott Hughes
Project Manager

Mr. Hughes has eight years of experience as an environmental scientist. He has participated in projects related to hazardous waste site evaluations and hydrocarbon site assessments. Mr. Hughes has extensive and varied experience related to the petroleum industry. He is experienced in a wide range of environmental applications, including the requirements for groundwater monitoring plans. He has managed environmental projects for private industry and the public sector. His experience includes design and implementation of groundwater sampling plans. Mr. Hughes has experience in assessment and remediation of soil and groundwater by petroleum constituents. He has experience in supervising and scheduling field personnel, supervising subcontractors, collecting and compiling field data, and preparing a wide range of technical reports that include Contamination Assessment Plans (CAPs), Site Assessment Reports (SARs), Remedial Action Plans (RAPs), Operation and Maintenance (O&M) Status Reports, and Monitoring Only Plans (MOPs).

Mr. Hughes is responsible for managing AEROSTAR's Florida Department of Environmental Protection (FDEP) Pre-Approval and Petroleum Cleanup Participation Program (PCPP) department. His responsibilities include direct contact with FDEP and local regulators to ensure compliance with regulations, negotiate work orders, and preparation of work plans.

Mr. Hughes' responsibilities include design and supervision of monitor well installation; design and implementation of aquifer, vapor extraction, and air sparging pilot tests; soil and groundwater sampling; and interpretation of geological and hydrogeological data. He has extensive experience with geoprobes and field gas chromatographs to delineate the extent of soil and groundwater contamination. Mr. Hughes has experience with underground storage tank removals; installation, operation and trouble-shooting of remediation systems, including groundwater pumping, vapor extraction, air sparging, and bioremediation.

Project Manager for emergency responses throughout Florida. Managed field personnel, subcontractors, regulatory issues, and reporting requirements for various sites. Project management approaches resulted in the successful remediation of affected areas, providing substantial cost savings for facilities. Provided emergency response for petroleum marketers.

PROJECT EXPERIENCE

Mr. Hughes' project experience includes:

- Conducted soil vapor surveys to delineate extent of contamination by installing soil borings and collecting samples for laboratory analyses, determined groundwater quality by installing and sampling groundwater monitor wells, interpreting and compiling data, and preparing technical reports of findings with recommendations based upon assessment results. The results of the assessments are used to generate CAPs, Phase II ESAs, and/or SARs with appropriate recommendations for site cleanup if necessary. Pilot test data is also used to recommend and design appropriate remediation systems.

- Assisted in the implementation of an RI/FS Work Plan to address contaminants from incinerator ash at two former incinerator sites and two waste disposal sites in Jacksonville. The Work Plan included sampling strategies to address dioxins, volatile and semi-volatile organic compounds in the soil, groundwater, surface water and sediments. Prepared a Work Plan and participated in the collection of soil samples at former ash disposal facilities in Jacksonville.

- Project Manager for the City of Jacksonville's General Environmental Contract. Projects included site assessments for petroleum storage tank facilities, underground storage tank removals, and emergency response operations. As Project Manager, Mr. Hughes was responsible for acquiring resources and manpower, budgeting, scheduling, and project deliverables.

- Completed various RAP modifications in conjunction with the FDEP to design vapor extraction and air sparging systems at numerous facilities through the southeast. The systems were later installed in accordance with the RAP Modification Plans.

- Negotiated and implemented multiple FDEP Pre-Approval and PCPP project work orders including MOPs, SAs, Remedial Designs, O&Ms, Remedial Implementations, and Pay-For-Performance projects.

- Mr. Hughes managed a contract from FDEP at Jennings Citrus, FDEP Facility ID# 5588515877, to perform contamination assessment activities and prepare a CAR following the requirements established in the Pre-Approval Program and Chapter 62-770, FAC. Site activities included a soil vapor survey to evaluate and assess soil quality at the site, installation of groundwater monitor wells and field screening of groundwater samples with a field GC, collection of groundwater samples for

PROJECT EXPERIENCE (cont.)

laboratory analysis, aquifer testing, and report preparation. The data presented in the CAR was used to prepare a Remedial Action Plan.

- Mr. Hughes has managed spill response services associated with surface spills throughout the state for the past two years. Mr. Hughes directed field personnel, screened hydrocarbon impacted soils with Organic Vapor Analyzers (OVAs), and segregated hydrocarbon impacted soils at many sites in Northeast Florida. The efforts to contain petroleum products have resulted in the successful remediation of affected areas resulting in substantial cost savings for clients.

- Mr. Hughes has managed a contract from FDEP at Baron # 31, FDEP Facility # 168507432, to implement source removal activities in accordance with a FDEP approved RAP Modification. Site activities included obtaining right-of-way permits, abandoning monitor wells, installing sheet piling, removing 2,235 tons of hydrocarbon impacted soil for incineration, removing and disposing of USTs, backfilling and compacting of clean soils, and restoring the site to original surface conditions.

ACADEMIC BACKGROUND

Bachelor of Science, Applied Physics, Jacksonville University, 1992

PROFESSIONAL REGISTRATION

OSHA 40-Hour Safety Training for Hazardous Waste Activities

OSHA 8-Hour Refresher Training for Hazardous Waste Activities

Project Management, Fred Prior Seminars, 1996

USEPA Field Sampling Standard Operating Procedures, Environmental Technical Center, 1993

Groundwater Hydrology, University of North Florida, 1993

IBM-PC Applications for Groundwater Pollution and Hydrology-National Ground Water Association, 1995

PAUL M. FITCH, E. I. T.

Paul M. Fitch, E.I.T.

Project Engineer

Mr. Fitch is a graduate of the University of Central Florida, Orlando, Florida. Mr. Fitch is responsible for the performance and management of projects related to building materials and real estate transactions. He is a qualified Environmental Professional and has participated on hundreds of Phase I and II Environmental Site Assessments on a wide variety of property types. He also has a strong background in asbestos and lead-based paint surveys and abatement monitoring, having completed projects on numerous large residential housing complexes.

PROJECT EXPERIENCE

Mr. Fitch's projects have included:

- Prudential Real Estate Group; Jacksonville, Florida - Project Manager for multiple Phase I ESAs on a variety of portfolios including large industrial warehouse properties and apartment complexes.
- First Union National Bank; Neptune Beach, Florida - Project Engineer responsible for Phase I ESA, Phase II ESA and CAR of a former service station site.
- Millenium Specialty Chemicals; Jacksonville, Florida - Staff Engineer responsible for comprehensive asbestos survey of 90 year old chemical plant.
- Brentwood Housing Project; Jacksonville, Florida - Staff engineer responsible for XRF survey of 600 housing apartment units in 60 days for the City of Jacksonville.
- Jacksonville Housing Authority; Brentwood, Florida - Project Manager responsible for abatement monitoring and air monitoring of workers, performed in full containment during paint stripping.
- Florida Department of Environmental Protection; Hilliard, Florida -Project Engineer responsible for quarterly monitoring of groundwater wells at an air traffic control center.
- Davidson Development, World Golf Village; St. Augustine, Florida - Project Engineer responsible for monitoring multiple stations for potential impact to the state waters from runoff from the nearby golf courses.
- Preparation and review of compliance audits for various industries, including an equipment manufacturer and a Jewelry manufacturer.

ACADEMIC BACKGROUND

Bachelor of Science Degree in Electrical Engineering, University of Central Florida, 1992

PAUL M. FITCH, E. I. T.

PROFESSIONAL REGISTRATION

Engineer Intern, Registration #1093ET076, Florida 1993
Environmental Professional - Phase I ESA, PSI
Phase II Environmental Site Assessment Field Methods, PSI
Scitec MAP 3.5 Spectrum Analyzer Operation, 1994
OSHA 29 CFR 1910.120 HAZWOPER Worker/Supervisor
EPA Lead-Based Paint Contractor/Supervisor, 1996
EPA AHERA Asbestos Inspector, 1996
EPA Lead-Based Paint Inspector/Technician, 1997

PROFESSIONAL AFFILLIATION

National Society of Professional Engineers
Florida Engineering Society

LIZA J. GORDY

Liza J. Gordy
Environmental Scientist

Ms. Gordy graduated from the University of Florida with a degree in Geology. She has actively participated in the assessment of hydrocarbon impacted soil and groundwater at retail gasoline facilities. Her experience also includes: project management; supervision of field personnel; data reduction; quality assurance/quality control; regulatory and client communication; knowledge of the regulations governing underground storage tanks, soil/groundwater collection and analysis; monitoring well installation; report generation; evaluation of alternatives for groundwater and soil remediations; and installation, operation and maintenance of groundwater and soil treatment systems. Ms. Gordy is proficient with a variety of field equipment including OVA's, Water Level Indicators, and field sampling equipment.

As a Project Manager, Ms. Gordy has developed project plan tasks; supervised and trained field personnel; conducted quality assurance/quality control checks; prepared cost estimates and budget tracking procedures; and prepared reports to communicate the findings with appropriate recommendations to clients and regulatory agencies. She is OSHA certified, and possesses extensive knowledge of the regulations governing leaky underground storage tanks, hazardous and non-hazardous wastes, and with procedures relating to emergency response situations.

PROJECT EXPERIENCE

Ms. Gordy's projects have included:

- Currently performing site assessment investigations for petroleum storage facilities, which include the following clients: Clay Oil, Camachee Cove Marina, Clark Vargas and Associates, Dunkin' Donuts, Inc., City of Jacksonville, the State of Florida, and the state of Georgia.
- Participated in large-scale environmental site assessments for major roadway corridor studies.
- Hydrogeological and environmental technical support and implementation of all phases of hydrocarbon impacted groundwater and soil investigations. Coordination and supervision of drilling activities for installation of monitor wells and collection of groundwater and soil samples at petroleum storage facilities for delineation of hydrocarbons.
- Prepared Initial Remedial Action Plans and Closure Assessment Reports for Underground Storage Tank Removals throughout Florida and Georgia.

PROJECT EXPERIENCE (cont.)

- Performed Phase I Environmental Site Assessments in accordance with current ASTM standards for major land acquisition projects

in downtown Jacksonville.

- Performed Phase II Environmental Site Assessments for a major roadway project in Jacksonville, Florida and at sites throughout Florida.
- Provide hydrological and environmental technical support and implementation of all phases of hazardous and non-hazardous investigations at numerous facilities in Florida.
- Supervised and coordinated abandonment of 100 private potable wells in the Hipps Road landfill area.

ACADEMIC BACKGROUND

B.S., Geology, University of Florida, Gainesville, Florida, August 1994

PROFESSIONAL REGISTRATION

Certified OSHA 40-Hour Hazardous Substance Health and Safety Training, 1996

PROFESSIONAL AFFILLIATION

Florida Association of Professional Geologists,

Associate Member, 1996

CHERYL L. BOMMARITO

Cheryl L. Bommarito
Project Manager

Ms. Bommarito has over 11 years of experience as a project manager. She has actively participated in projects related to hazardous waste site evaluations, hydrocarbon site assessments, Phase I and Phase II Environmental Site Assessments (ESAs), Baseline Environmental Site Assessments (BEAs), Feasibility studies, Remedial Action plans, Corrective Action Plans and NPDES permitting. Ms. Bommarito has conducted Tier I, Tier II and Tier III evaluations utilizing the risk based corrective action process under the ASTM for over 250 Petroleum and Industrial facilities. Ms. Bommarito has extensive experience with groundwater, vapor phase, and free phase product contaminant modeling. She has over seven years experience with remedial system design and installation utilizing air sparge, biosparging, soil vapor extraction, dual-phase extraction, bioventing, groundwater pump and treat, bioremediation, ozone and peroxide applications, soil flushing, and hydraulic and pneumatic fracturing. Ms. Bommarito is responsible for managing AEROSTAR's Florida Department of Environmental Protection (FDEP) Pre-Approval and Petroleum Cleanup Participation Program (PCPP) department. Her primary responsibilities as manager of the FDEP Pre-Approval and PCPP Programs include direct contact with FDEP and local regulators to ensure compliance with State regulations, to negotiate the scope of work orders, and to prepare appropriate work plans.

PROJECT EXPERIENCE

Ms. Bommarito's projects have included:

- Ms. Bommarito's field experience includes soil and groundwater contaminant investigations. Installation of monitor wells, recovery wells, injection wells, vapor extraction wells, and air sparge wells. Supervision of underground storage tanks and multi-million dollar station rebuilds. Groundwater sampling, aquifer pump tests, and tidal studies.

- Project Manager for over 150 Speedway SuperAmerica, LLC gasoline service stations throughout the eastern United States. Responsible for UST compliance, hydrogeological investigations for contaminant delineation, and reporting and preparation of Investigative Report, Assessment Reports, Closure Reports, Tier I, Tier II, and Tier III evaluations utilizing the Risk Based Corrective Action (RBCA) process ASTM. Report preparation and implementation of Feasibility Studies, Remedial & Corrective Action Plans. Remedial system design, installation, and maintenance for air-sparging (AS), soil vapor extraction (SVE), pump and treat systems, bioremediation, dual phase extraction, ozone and peroxide applications, and soil flushing. Conducted remedial activities at approximately 30 stations utilizing a mobile AS/SVE and free product recovery unit. Groundwater and vapor

PROJECT EXPERIENCE (cont.)

modeling of contaminant plumes. Supervised over 50

- UST removals and installations, remodeling, geotechnical, utility installation, and remedial system installs during station rebuilds. Groundwater and soil investigations Preparation of NPDES and POTW discharge permit reports.

- Project Manager for Marathon Oil Company gasoline service stations. Supervised contaminant assessments and remedial system installations. Report preparation of Initial Assessment Report, Final Assessment Reports, & Closure Reports, Remedial Action Plans and Feasibility Studies. Conducted Tier evaluations under RBCA Sampling and maintenance of remedial systems and pilot studies (air sparging, soil vapor extraction, pump and treat systems, & dual phase extraction). Supervised removals of UST's and ASTs and two Bulk Facilities.

- Project Manager for over several Citgo Petroleum bulk facilities throughout the midwest. Responsible for the preparation of environmental site assessment reports, Corrective Action Plans, Feasibility Studies, and quarterly Remedial Reports. Supervised and maintained three air sparge/soil vapor extraction (AS/SVE) systems located at the Niles and Ferrysburg, Michigan terminals and the Chicago, Illinois terminal. Conducted monthly maintenance and sampling for the NPDES permitting for the terminals oil/water separator. Responsible for the monthly NPDES discharge reports. Conducted groundwater and vapor modeling for contaminant plumes at the bulk facilities. Supervised the cleaning and removal of miles of former underground piping containing crude oil and soil removal at the Bay City, Michigan terminal. Conduct a Phase I and Phase II environmental site assessment for over 200 acres from a former bulk terminal.

- Remedial maintenance and upgrades for several Total Petroleum (Diamler-Shamrock) gasoline stations. Remedial system maintenance was performed on AS/SVE, dual-phase extraction, and pump and treat system. Preparation of quarterly Monitoring Reports and environmental site assessments. Preparation of NPDES, POTW, and Groundwater Exemption, and Air Permits. Conducted environmental site assessments and aquifer performance tests.

- MDEQ Certification in Waste activities including soil and groundwater testing and aquifer performance tests.

PROJECT EXPERIENCE (cont.)

- Participated in a one AS/SVE research project at a former bulk facility in Gerard, Michigan with Amoco Research Dept. Daily monitoring of vapor phase, pressure, etc. and system maintenance. Daily downloads of the system information and troubleshooting. Weekly groundwater monitoring and water and air sampling. Quarterly monitoring reports and modeling of the contaminant plume and the vapor phase plume. Coordinated the sampling and maintenance of twenty remedial systems throughout the midwest (AS/SVE, biosparging, bio-venting, and DPE). Supervised the cleaning and removal of twelve 2,000,000 gallon ASTs and piping at the Bay City, Michigan terminal. Provide technical support for groundwater modeling applications and aquifer performance tests. Responsibilities include soil and groundwater testing, remedial system maintenance and sampling. Supervising monitoring well construction and installation & UST removals at gasoline stations.

- Conducted environmental site assessments for waste oil, transmission oil, gasoline, and other constituents for General Motors, Ford Motor Company, and Chrysler Motors automotive plants. Monthly maintenance on free product recovery systems, AS/SVE systems, and DPE systems. Preparation of Quarterly Monitoring Reports, Phase II Hydrogeological site assessments, and Closure Reports. Supervised the removal of 50,000-gallon USTs and associated piping.

- Performed numerous site investigations, closure assessments, initial remedial action plans, tier evaluations under RBCA for numerous petroleum stations and bulk facilities in the midwest for Clark Oil, Knights Oil, Foster Oil, Starr Oil , and Shell Oil.

- Supervised surface water and sediment sampling for the City of St. Clair Shores, Michigan resulting from sewage overflow.

- Conducted environmental investigations for soil and groundwater delineation, and remediation including biosparging, bioventing, bioremediation, soil fracturing, ozone and peroxide applications for numerous facilities in the Florida, Georgia, South Carolina, Michigan, Illinois, Wisconsin, Indiana, Ohio, Iowa, and Texas.

- Conducted hydrogeological investigations and outfall sampling for landfill facilities.

- Conducted Phase I and Phase II Environmental Site Assessments (ESA), transcreens, and Baseline Environmental Site Assessments facilities in the midwest and southeast.

- Treatment Plant Operator B-3b (Carbon-Adsorption)

CHERYL L. BOMMARITO

ACADEMIC BACKGROUND

B.S., Geology, University of Florida, Gainesville, Florida, August 1994

PROFESSIONAL REGISTRATION

Certified OSHA 40-Hour Hazardous Substance Health and Safety Training, 1996

PROFESSIONAL AFFILLIATION

Florida Association of Professional Geologists,

Associate Member, 1996

M. ERIK FOUTZ

M. Erik Foutz

Environmental Scientist

Mr. Foutz graduated from the Valdosta State University with a degree in Science and Environmental Geography with a minor in Biology. He has actively participated in the assessment of hydrocarbon-impacted soil and groundwater at retail gasoline facilities. His experience also includes: project management; supervising on-site subcontractors, supervision of field personnel; data reduction; quality assurance/quality control; client communication, soil/groundwater collection and analysis; supervision of drilling activities for installation of monitor wells; report generation; evaluation of alternatives for groundwater and soil remediations. Mr. Foutz is proficient with a variety of field equipment including Organic Vapor Analyzer (OVA), X-ray Fluorescence (XRF) Instrument, Water Level Indicator, Peristaltic Pump and other field sampling equipment.

PROJECT EXPERIENCE

Mr. Foutz's projects have included:

- Currently performing site assessment investigations for petroleum storage facilities, which include the following clients: Beach Food Post, Jacksonville Electric Authority, Northside Generating Station, Clay Oil, Camachee Cove Marina, Clark Vargas and Associates, Dunkin' Donuts, Inc., City of Jacksonville, the State of Florida, and the State of Georgia.

- Participated in large-scale environmental site assessments for ash delineation in subsurface soils Conducted groundwater sampling as well as surface water and sediment sampling for the city of Jacksonville.

- Hydrogeological and environmental technical support and implementation of all phases of hydrocarbon impacted groundwater and soil investigations. Coordination and supervision of drilling activities for installation of monitor wells and collection of groundwater and soil samples at petroleum storage facilities for delineation of hydrocarbons.

- Conducted surface water and stormwater sampling for NPDES requirements for the City of Jacksonville, Freedom Commerce, Jacksonville Port Authority, World Golf Village, and Sawgrass.

- Mr. Foutz has collaborated on a contract from FDEP at Baron # 31, FDEP Facility # 168507432, to implement source removal activities in accordance with an FDEP approved RAP Modification. Site activities included obtaining right-of-way permits, abandoning monitor wells, installing sheet piling, removing 2,235 tons of hydrocarbon impacted soil for incineration, removing and disposing of USTs, backfilling and compacting of clean soils, and restoring the site to original surface.

PROJECT EXPERIENCE (cont.)

- Assisted in the implementation of an RI/FS Work Plan to address contaminants for ash at two former incinerators and two disposal sites in Jacksonville. The Work Plan included sampling protocols to address dioxins, volatile and semi-volatile organic compounds in the soil, groundwater, surface water and sediments. Participated in the collection of soil, groundwater, surface water, and sediment samples at former ash disposal facilities in Jacksonville.

- Conducted soil vapor surveys to delineate extent of contamination by installing soil borings and collecting samples for laboratory analyses, determined groundwater quality by installing and sampling groundwater monitor wells, interpreting and compiling data, and preparing technical reports of findings with recommendations based upon assessment results. The results of the assessments are used to generate CAPs, Phase II ESAs, and/or SARs with appropriate recommendations for site cleanup if necessary. Pilot test data is also used to recommend and design appropriate remediation systems.

ACADEMIC BACKGROUND

B.S., Science, Environmental Geography, Minor in Biology, Valdosta State University, Valdosta, Georgia, May 1999

PROFESSIONAL REGISTRATION

Certified OSHA 40 hour Hazardous Substance Health and Safety Training, 1996

PATRICK D. HIGGINS

Patrick D. Higgins

Project Scientist

Mr. Higgins graduated from Rollins College with a Bachelor of Arts degree in Environmental Studies. He has actively participated in the assessment of hydrocarbon-impacted soil and groundwater at retail gasoline facilities and hazardous waste sites. His experience also includes Soil and groundwater collection; data reduction; quality assurance/quality control; client communication; monitoring well installation; and report generation. Mr. Higgins is proficient with a variety of field equipment including Organic Vapor Analyzers, water level indicators, well purging pumps, well sampling equipment and field measurement equipment.

PROJECT EXPERIENCE

Mr. Higgins' projects have included:

- Currently performing site assessment investigations for petroleum storage facilities, which include the following clients: Beach Food Post, Jacksonville Electric Authority, Northside Generating Station and the Jacksonville Port Authority.

- Participated in large-scale environmental site assessments for ash delineation in subsurface soils. Conducted groundwater sampling as well as surface water and sediment sampling for the City of Jacksonville.

- Hydrogeological and environmental technical support and implementation of all phases of hydrocarbon impacted groundwater and soil investigations. Coordination and supervision of drilling activities for installation of monitor wells and collection of groundwater and soil samples at petroleum storage facilities for delineation of hydrocarbons.

- Mr. Higgins has a solid background in performing Phase I and Phase II environmental site assessments (ESAs), and contamination screening evaluations (CSEs) for corridor studies along right-of-ways.

ACADEMIC BACKGROUND

Bachelor of Arts in Environmental Studies, Rollins College - Winter Park Florida 1996

PROFESSIONAL REGISTRATION

Certified OSHA 40-Hour Hazardous Substance Health and Safety Training, 2000

Certified CSX Safety Training, 2000

RD. CERTIFICATE OF LIABILITY INSURANCE

BSR XX
BERGM-1

DATE (MM/DD/YY)
12/08/00

Dake Co., Inc.
roe Ave.
r NY 14618
16-461-3690 Fax:716-461-1504

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURERS AFFORDING COVERAGE

INSURER A: Security Ins Co of Hartford
INSURER B:
INSURER C:
INSURER D:
INSURER E:

Bergmann Associates Inc.
200 First Federal Plaza
Rochester NY 14614

S

S OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING EMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR N, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH GGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
L LIABILITY				EACH OCCURRENCE	$
MMERCIAL GENERAL LIABILITY				FIRE DAMAGE (Any one fire)	$
CLAIMS MADE ☐ OCCUR				MED EXP (Any one person)	$
				PERSONAL & ADV INJURY	$
				GENERAL AGGREGATE	$
GGREGATE LIMIT APPLIES PER:				PRODUCTS - COMP/OP AGG	$
LICY ☐ PRO-JECT ☐ LOC					
OBILE LIABILITY				COMBINED SINGLE LIMIT (Ea accident)	$
Y AUTO					
L OWNED AUTOS				BODILY INJURY (Per person)	$
HEDULED AUTOS					
ED AUTOS				BODILY INJURY (Per accident)	$
N OWNED AUTOS					
				PROPERTY DAMAGE (Per accident)	$
E LIABILITY				AUTO ONLY - EA ACCIDENT	$
Y AUTO				OTHER THAN AUTO ONLY: EA ACC	$
				AGG	$
LIABILITY				EACH OCCURRENCE	$
CUR ☐ CLAIMS MADE				AGGREGATE	$
					$
DUCTIBLE					$
TENTION $					$
RS COMPENSATION AND PLOYERS' LIABILITY				WC STATU-TORY LIMITS ☐ OTH-ER	
				E.L. EACH ACCIDENT	$
				E.L. DISEASE - EA EMPLOYEE	$
				E.L. DISEASE - POLICY LIMIT	$
fessional Liab.	PL703046	12/31/99	12/31/02	Ea. Claim	5,000,000
				Aggregate	5,000,000

OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS

000 deductible applies to professional liability. All operations of
ed insured.

HOLDER | N | ADDITIONAL INSURED; INSURER LETTER: ___

BERGMRO

rgmann Associates Inc.
0 First Federal Plaza
hester, NY 14614

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATIO DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 10 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

GENERAL AGENT

SECTION VIII

ACORD CERTIFICATE OF LIABILITY INSURANCE

CSR DV BERGM-2

DATE (MM/DD/YY) 10/30/01

PRODUCER

ACEC/MARSH
800 Market St, Ste. 2600
St. Louis MO 63101-2500
Phone: 800-338-1391 Fax:888-621-3173

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURED

Bergmann Associates, Inc.
Attn: Krystal Phillips
200 FIRST FEDERAL PLAZA
28 E. MAIN STREET
ROCHESTER NY 14614

INSURERS AFFORDING COVERAGE

INSURER A: Hartford Insurance Company
INSURER B:
INSURER C:
INSURER D:
INSURER E:

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
A	GENERAL LIABILITY [X] COMMERCIAL GENERAL LIABILITY [ ] CLAIMS MADE [X] OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: [ ] POLICY [X] PRO-JECT [ ] LOC	84SBXEK0125	11/01/01	11/01/02	EACH OCCURRENCE FIRE DAMAGE (Any one fire) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$ 1000000 $ 300000 $ 10000 $ 1000000 $ 2000000 $ 2000000
A	AUTOMOBILE LIABILITY [X] ANY AUTO [ ] ALL OWNED AUTOS [ ] SCHEDULED AUTOS [ ] HIRED AUTOS [ ] NON-OWNED AUTOS	84UEVPJ1826	11/01/01	11/01/02	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$ 1,000,000 $ $ $
	GARAGE LIABILITY [ ] ANY AUTO				AUTO ONLY - EA ACCIDENT OTHER THAN AUTO ONLY: EA ACC AGG	$ $ $
A	EXCESS LIABILITY [X] OCCUR [ ] CLAIMS MADE [ ] DEDUCTIBLE [ ] RETENTION $	84XHVPI9794	11/01/01	11/01/02	EACH OCCURRENCE AGGREGATE	$ 5,000,000 $ 5,000,000 $ $ $
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY	84WBVFI1892	11/01/01	11/01/02	[X] WC STATU-TORY LIMITS [ ] OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	 $ 1,000,000 $ 1,000,000 $ 1,000,000
A	OTHER VALUABLE PAPERS	84MSVPJ1092	11/01/01	11/01/02	LIMIT	$620,000

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS

CERTIFICATE HOLDER [ ] ADDITIONAL INSURED; INSURER LETTER: ___

TOWHOMI

TO WHOM IT MAY CONCERN

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE
Alfred A. Peterpaul

State of Florida

Board of Professional Engineers

Attests that

Bergmann Associates, Inc.

is licensed under the provisions of Chapter 471.023, Florida Statutes. The Board authorizes the firm to permit individual Professional Engineers licensed to practice in the State of Florida to offer professional services to the public through a corporation, partnership, association, fictitious name or firm.

EXPIRATION: FEB 28, 2003 **CERTIFICATE OF AUTHORIZATION NUMBER: 5673**

AUDIT NO: 1588

DISPLAY AS REQUIRED BY LAW

State of Florida

Department of State

I certify the attached is a true and correct copy of the Amendment to the Application of a Foreign Corporation, filed on August 25, 1999, for DONALD J. BERGMANN AND ASSOCIATES, INC. which changed its name to BERGMANN ASSOCIATES, INC., a Pennsylvania corporation authorized to transact business in Florida, as shown by the records of this office.

The document number of this corporation is P29055.

Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capitol, this the
Twenty-seventh day of August, 1999

Katherine Harris

Katherine Harris
Secretary of State

CR2E022 (1-99)

BERGMANN
associates

Engineers / Architects / Planners / Surveyors

January 31, 2002

City of Gainesville
Purchasing Division, Room 339
200 East University Avenue
Gainesville, Florida 32601

Re: Rehabilitation of Gainesville's Historic Rail Depot

Bergmann Associates is in good standing and is authorized to conduct business in the State of Florida.

Bergmann Associates states that there is no current litigation involving the firm.

Bergmann Associates assures the City of Gainesville that Bergmann Associates does not presently have and will not accept employment for other services, which cause or would cause a conflict with its representation of City of Gainesville in the matter addressed by this SOQ.

Bergmann Associates is willing and able to execute an Independent Professional Consultant Services Agreement, substantially in the form attached hereto as Attachment "A."

Sincerely,
BERGMANN ASSOCIATES

Donald J. Bergmann

Donald J. Bergmann, PE
President and CEO

SEC. IV.VIII

7411 Fullerton Street, Suite 109 / Jacksonville, Florida 32256
904.363.3133 / 904.363.3203 fax
Ft. Lauderdale, FL / Rochester, NY / Philadelphia, PA / Pittsburgh, PA / Hoboken, NJ / Buffalo, NY / Toledo, OH / Lansing, MI

CITY OF GAINESVILLE, FLORIDA

ADDENDUM NO. 1

Date: January 28, 2002

SOQ Due Date: January 31, 2002
3:00 P.M. (Local Time)

Bid Name: Request for Statement of Qualifications For Architect-Engineer Services for Rehabilitation of Gainesville's Historic Railroad Depot

Bid No.: 010563-CDDX-RW

NOTE: This Addendum has been issued only to planholders of the original SOQ dated January 2, 2002.

The original Specifications remain in full force and effect except as revised by the following changes which shall take precedence over anything to the contrary:

Following are answers to questions, clarifications and corrections as discussed at the pre-bid conference:

Q.1. Please provide names of the firms attending the pre-proposal conference.
A.1. See attachment to this Addendum # 1.

Q.2. How much responsibility would the Architect-Engineer (A/E) have for the abatement of hazardous materials in the depot structure and would any abatement necessary occur before or after the move?
A.2. The A/E has the responsibility for the building and would need this expertise on their team. Abatement may need to occur in a time-phased manner with certain portions happening before the move (cutting asbestos shingles to break building into sections before move) and with other tasks occurring after the building is in its final position. A/E will be responsible for choosing which tasks occur at what phase of the project.

Q.3. Does the building have to move and if so, what is the A/E's responsibility?
A.3. There is soil contamination under a part of the building (loading dock and west part) from the old Gainesville Gas Plant which must be remediated. Sheet-piling now appears unfeasible so at least a portion of the building will need to be moved to allow for the remediation. If allowed by State Historic Preservation Office, the City would like to site the entire building about 30' further south and a little east from it's present location. If that request is approved, then the whole building will need to be moved. The A/E will be responsible for design of the new foundation and will oversee the moving.

Q.4. Has a landscape architect been chosen yet for the park?
A.4. Yes, the Genesis Group. The chosen A/E for the Depot rehabilitation will be expected to work closely with them so the interface is harmonious.

Q.5. The entire Depot Stormwater Park is a multi-year project. What is the timing we should be aware of?
A.5. The funds to rehabilitate the Depot are SHPO funds and must be encumbered before September 30, 2002. This means the chosen A/E must be able to fast track their portion of

this project so plans and specifications can be developed and out for bid for the contractor(s) by no later than late June 2002. A copy of the proposed project timeline is attached for your information.

Q.6. Please clarify the MBE/SBE requirements on this project.

A.6. Pages 21-25 of the SOQ regarding MBE/WBE/SBE participation should be deleted as the funding for the A/E will not come from funds requiring this type of participation. Thus, the 5 points indicated on the evaluation score sheet will not be used in the evaluation. The City of Gainesville still encourages the active seeking and utilization of MBE/SBE firms on this project.

ACKNOWLEDGMENT: Each Proposer shall acknowledge receipt of this Addendum No. 1 by his or her signature below, **and shall attach a copy of this Addendum to its proposal.**

CERTIFICATION BY PROPOSER

The undersigned acknowledges receipt of this Addendum No. 1 and the Proposal submitted is in accordance with information, instructions, and stipulations set forth herein.

PROPOSER: Bergmann Associates

BY: Ed Moroles

DATE: 1/29/02

ATTENDEES

Jola, Inc.
Jackie Owens
4010 Newberry Road, Suite B
Gainesville, FL 32607
352-377-3430

DesignWorks Architects, P.A.
Albert Rodriguez
500 Wharfside Way
Jacksonville, FL 32207-8164
904-396-0266

Fleischman Garcia Architects
Stan Loper
324 S. Hyde Park Ave., Suite 300
Tampa, FL 33606
813-251-4400

Portal Architecture
Linda Portal
920 NW 8th Avenue, Suite A
Gainesville, FL 32601
352-377-2212

Jay Reeves & Associates
305 NE 5th Avenue
Gainesville, FL 32601
352-371-3205

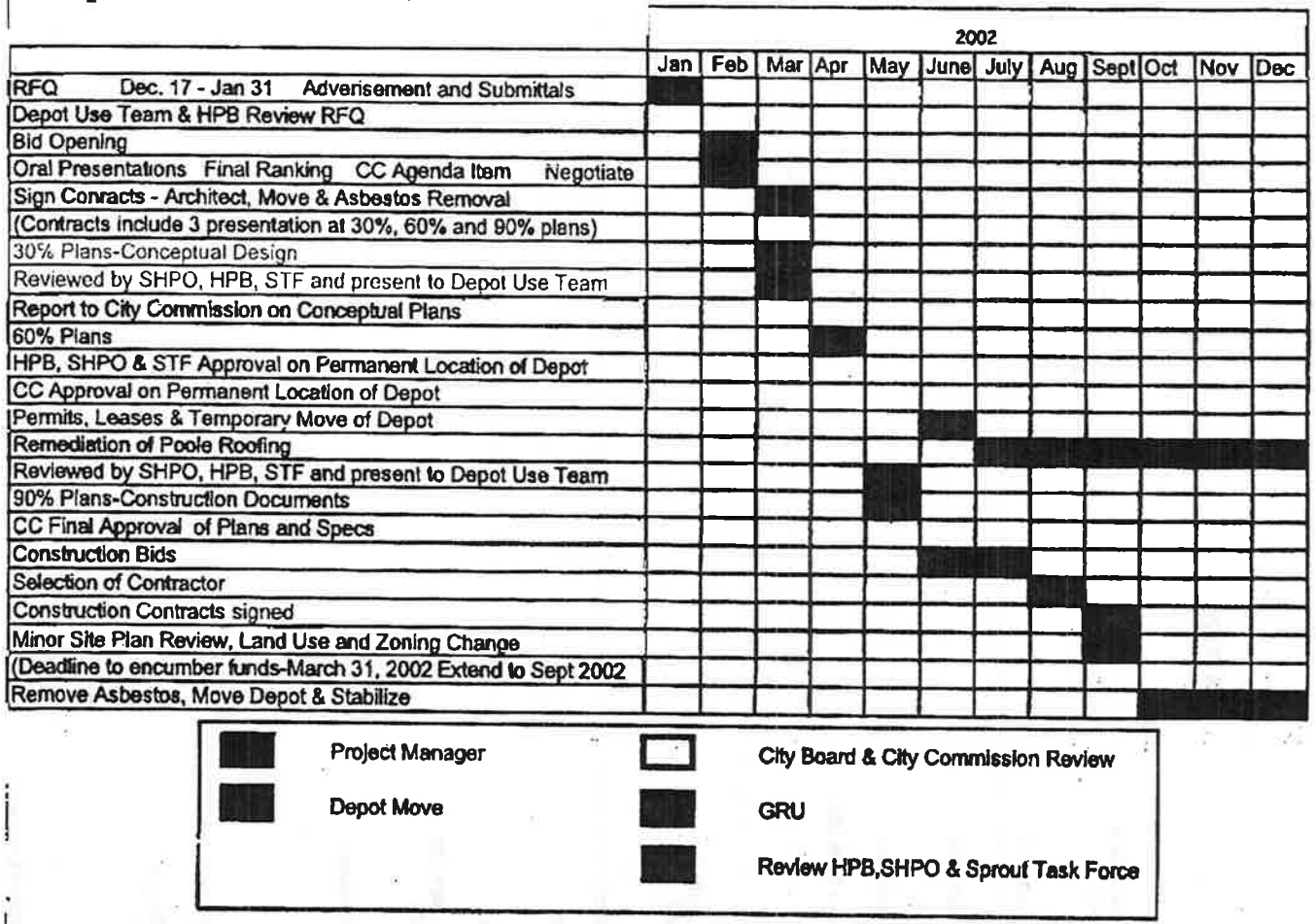
Bergmann Associates
James Siegfried
7411 Fullerton Street, Suite 109
Jacksonville, FL 32256
904-363-3133

Hanbury Evans Newill Vlattas
Nathan Sears
1115 E. Cass Street
Tampa, FL 33602
813-221-0770

[illegible], Edmunds & Associates, Inc.
[illegible] Rogers
720 NE Waldo Road, Bldg A
[illegible]ville, FL 32601
[illegible]-377-5821

[illegible]
[illegible] Courtney Campbell Causeway
[illegible]

Depot Stabilization and Rehabilitation



Working Timeline January 2002