



GUILFORD COUNTY

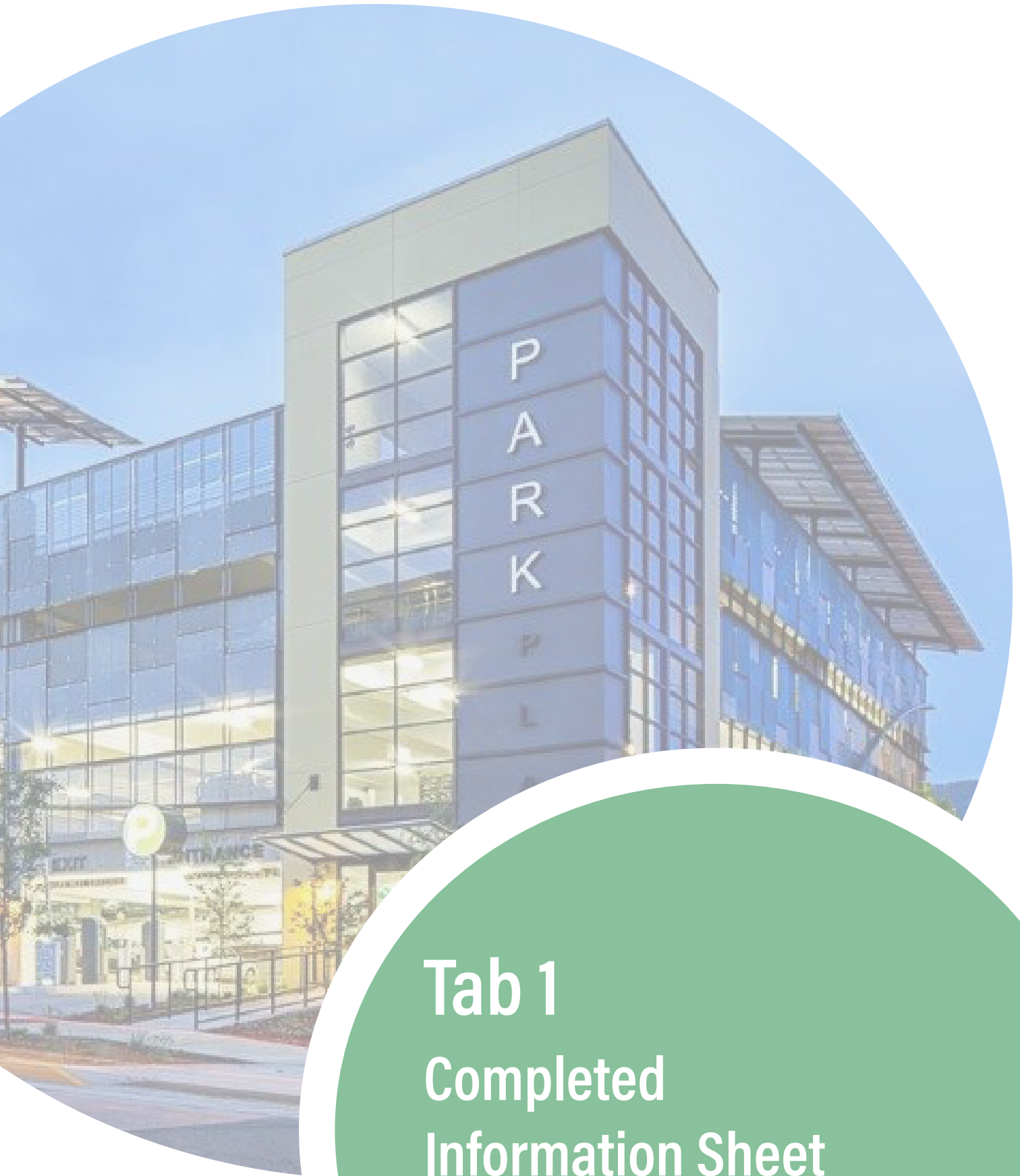
NORTH CAROLINA

RFQ for Architectural / Engineering
Services for Government Plaza
and BB&T Building
Parking Deck Repairs

Bid Number # 20033

August 19, 2021





Tab 1
Completed
Information Sheet
(Attachment 1)

1.1 | Attachment 1



Attachment 1

Guilford County

STATE of NORTH CAROLINA

INFORMATION SHEET

Firm Name:	WGI INC				
<input type="checkbox"/> Hub Certified	If HUB, Specify Type	<input type="checkbox"/> Female	<input type="checkbox"/> American-Indian	<input type="checkbox"/> Hispanic	<input type="checkbox"/> Socially & Economically Disadvantaged
		<input type="checkbox"/> Disabled	<input type="checkbox"/> Asian-American	<input type="checkbox"/> Black	
Point of Contact:	Juan D. Sanchez, PE	Email Address:	juan.sanchez@wginc.com		
Street Address:	14045 Ballantyne Corporate Pl., Suite 380				
City:	Charlotte	State:	North Carolina		
Zip Code:	28277	Country:	Mecklenburg		
Phone #	704-716-8000	Fax:	N/A		
Type of Firm:	Engineering: (Structural, Restoration, Parking Design, Landscape Architecture)				
	(e.g. Architectural, Civil Engineering, Surveying, Etc)				

CONSULTING FIRMS

Architectural:		<input type="checkbox"/> Check if HUB	Mechanical:		<input type="checkbox"/> Check if HUB
Electrical:		<input type="checkbox"/> Check if HUB	Plumbing:		<input type="checkbox"/> Check if HUB
Structural:		<input type="checkbox"/> Check if HUB	Civil:		<input type="checkbox"/> Check if HUB
Landscape:		<input type="checkbox"/> Check if HUB	Interior Design:		<input type="checkbox"/> Check if HUB
Other (specify type):	BBFoster Consulting PC (Engineering Firm)				<input checked="" type="checkbox"/> Check if HUB
Other (specify type):	Stewart, Inc. (MEP)				<input checked="" type="checkbox"/> Check if HUB

www.guilfordcountync.gov



Tab 2

Cover Letter



August 19, 2021

Guilford County Purchasing Department
201 West Market St., 3rd Floor, Suite 304
Greensboro, NC 27401

**RE: Request for Letters of Interest and Qualifications for A/E Services
for the Government Plaza and BB&T Building Parking Deck Repairs –
Bid Number 20033**

WGI, Inc. (WGI) is honored to provide our qualifications for professional services for the Government Plaza and BB&T Building Parking Deck Repairs. This letter serves to express our interest in assisting Guilford County with this project. It fits perfectly into our expertise and specialization. We have assembled an outstanding team — consisting of **WGI, BBFoster Consulting and Stewart Engineering, Inc.** — with the talents, commitment, and vision to deliver this project to your precise requirements. Guilford County can have complete confidence in working with us as your uniquely qualified design partner. We offer:

- ▶ **Parking Facility and Plaza Repair and Durability Specialists:** WGI (Formerly known as Carl Walker) has almost 38 years' experience both designing and restoring parking structures and plazas throughout the country. To every project, we bring a deep understanding of concrete construction, waterproofing systems, and their long-term performance in parking structures.
- ▶ **Leading Parking Structure Designers:** WGI has successfully completed more than 500 parking planning, design, and restoration projects in North Carolina, and more than 5,000 around the country. We have deep comprehensive knowledge and a vast database of valuable cost information, best practices, and lessons learned — all of which we will apply to the benefit of The Government Plaza and BB&T Building Parking Deck Repairs project. Additionally, WGI has completed hundreds of similar projects, some of which are highlighted in this package.
- ▶ **In-house Landscape Architects and Urban Designers:** Our team is known nationwide for its beautiful, functional and environmentally conscious designs. We can provide different visual design options for the plaza area realizing our clients' vision and in the most efficient and budget-conscious manner.
- ▶ **Excellent Customer Service and Local Presence:** Our design team is based in both Greensboro and in Charlotte, NC. As project manager, I will be hands-on throughout the process and go the extra mile to make sure you are satisfied.

We are confident in our ability to deliver this important project for you. Again, we greatly appreciate this opportunity to present our qualifications to you, and we look forward to further discussing our proposal with your team. We genuinely look forward to working with Guilford County. If you have any questions or should need additional information, please let us know.

Sincerely,

Juan D. Sanchez, PE
Project Manager

Andrew Kong
Restoration Manager



WGI, Inc.

Responsible Office

14045 Ballantyne Corporate Place
Suite 380
Charlotte, NC 28277

Contact

Juan Sanchez, PE

Project Manager
c. 980.242.4373 | p. 704.716.8000
Juan.Sanchez@wginc.com

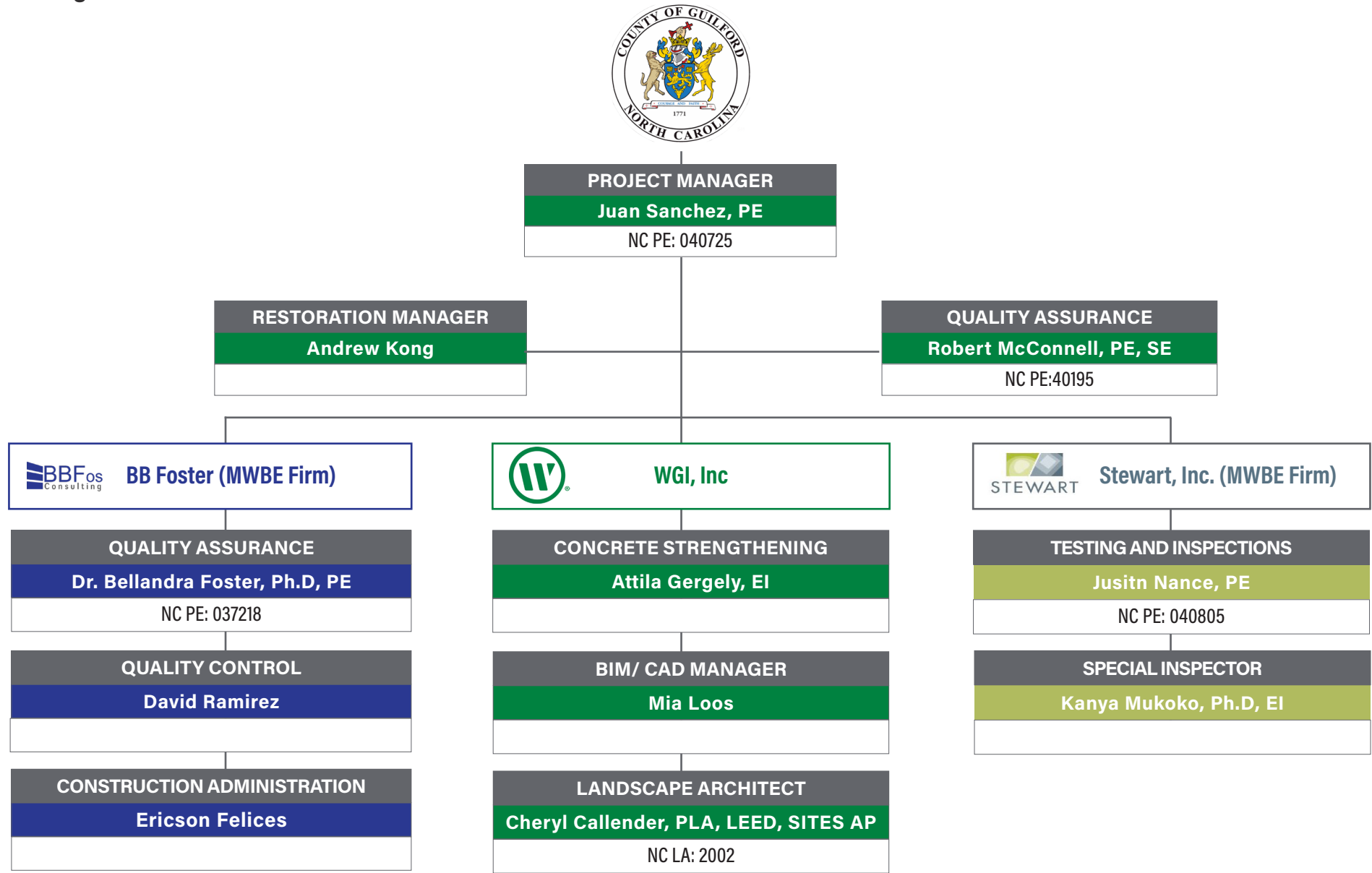


Tab 3

Project Team Organization Chart

TAB 3 | Project Team Organization Chart & Resumes

3.1 | Organizational Chart





Juan specializes in structural restoration and preservation solutions, due diligence evaluations, structural strengthening, analysis, design and detailing of commercial buildings, plazas, and parking structures. Juan's restoration experience includes the evaluation and restoration of precast, post-tensioned, and conventionally reinforced concrete structures. He has widespread experience in steel, reinforced concrete, reinforced masonry, timber, and cold formed metal structures.

RELEVANT EXPERIENCE

Charlotte Plaza Emergency Repairs, Charlotte, NC, Foundry Commercial. WGI performed emergency repairs to the Charlotte Plaza parking deck located in Charlotte, North Carolina. The repair work consisted of designing new connections, document preparation for construction and pricing, and conducting a project review.

John's Island Club Plaza Restoration, Vero Beach, Florida. This plaza rehabilitation project entailed the repair and replacement of the existing plaza system which had numerous failures making it difficult to navigate, hard to drain, and aesthetically unappealing to the members and the visitors to the club. The installation of a new plaza system included a hot applied membrane, drainage mats, protection boards, new expansion joints, bi-level drains and new pavers set in a herringbone pattern. The total repair cost was \$1.6M.

Love Park Plaza & Parking Garage Repairs, Philadelphia, PA, Interpark LLC. The \$7.5M project included localized partial depth repairs and full-depth replacement of the concrete decks, reconstruction of the entrance ramps, construction of new elevators and stairs, and waterproofing of the roof during renovation of the park and plaza above the structure.

Durham VAMC Garage A Repairs, Durham, NC, Apogee Consulting Group. The project entails repair and replacement of damaged structural slab post-tension reinforcing and the implementation of a micro-silica overlay. The installation of various waterproofing elements (deck coating, sealants, expansion joints seals) and isolated concrete spall repairs were also included in the project.

Charlotte Mecklenburg Government Center Parking Deck Expansion Study, Charlotte, NC, City of Charlotte. WGI evaluated the Charlotte Mecklenburg Government Center (CMGC) Parking Deck for operational functionality, safety, and parking capacity. The CMGC Parking Deck is a five-level, precast concrete parking structure, designed and constructed in 1986, and provides nearly 1,000 parking spaces for its employees and visitors.

Piedmont Triad Airport Miscellaneous Repairs, Greensboro, NC. This project included eight phases of repair to ensure pedestrian and vehicular access to the departure level of the airport was maintained. The project scope included partial depth slab repairs, supplemental floor drains, expansion joint systems, and the application of an extra heavy traffic-bearing membrane system.

Bank of America Center and Shockoe Parking Structure Repairs, Richmond, VA, Jones Lang LaSalle (JLL). This parking structure rehabilitation project had to be completed over an eight-month period while the deck was approximately 70% utilized. The scope included mainly concrete slab repairs and joint sealant installation. The project required a unique set of phasing based on the narrow nature of the garage ramps and parking bays.

Syracuse Hancock International Airport Parking Structure Beam Repair, Syracuse, NY, Syracuse Hancock International Airport. Juan performed the structural calculations and provided the detailing. Strengthen a post-tensioned beam that was found to have damaged tendons due to corrosion.



Juan
Sanchez, PE

REGISTRATIONS:

Professional Engineer: North Carolina #040725 Professional Engineer: South Carolina #33923 Professional Engineer: Georgia #PE047436 Professional Engineer: Florida #PE83788 Professional Engineer: Virginia #060459 Professional Engineer: California #92068

EDUCATION:

Bachelor of Science, Civil Engineering - emphasis in Structures - University of North Carolina, 2005 Master of Science, Civil Engineering - emphasis in Structures - University of North Carolina, 2013

AFFILIATIONS:

American Concrete Institute
American Society of Civil Engineers

YEARS OF EXPERIENCE

TOTAL: 12 WITH WGI: 8

Andrew utilizes years of parking-related experience to drive financial and project success across various segments of engineering consulting and project management, and his ability to utilize a diverse set of business principles improves project efficiencies and outcomes. He understands the need to develop and implement solutions that are in line with his clients' needs, goals, and objectives. Andrew's success in leading a team of restoration engineering professionals in the southeastern region of the U.S. is facilitated by utilization of his professional skills. He is experienced in the structural evaluation and analysis of existing parking structures, Life Cycle Analysis, design of various repair options, estimating repair costs, preparation of report/construction documents, and construction administration.



Andrew
Kong

RELEVANT EXPERIENCE

Johns Island Club Parking Structure Rehabilitation, Vero Beach, FL. Andrew led a team of WGI's restoration engineers to complete plaza rehabilitation of the John's Island Club Parking Decks first supported floor. The scope included engineering assessment of the parking deck's plaza system, limited structural capacity analysis, construction documents preparation and project administration. The existing plaza system had numerous failures making it difficult to navigate, hard to drain and aesthetically unappealing to members and visitors to the adjoining club house. The repair approach consisted of removing the existing plaza system, inclusive of surrounding shrubs/plants from planter boxes. The installation of a new plaza system inclusive of a hot applied membrane, drainage mats, protection boards, bi-level drains beneath new curbs and pavers set in a herringbone pattern.

BB&T Center Parking Deck Engineering Review and Rehabilitation, Charlotte, NC. Andrew led a team of restoration engineers to assess the 1500 space BB&T Center parking deck for structural and waterproofing issues. Once the review was completed, he assisted the owner with developing construction documents to complete repairs for deficient and non-compliance items such as, concrete overlay, expansion joint replacement, concrete slab, joist and beam spalls, traffic bearing membrane, silane sealer application, new line striping and stair tower structural system replacement.

Duke Raleigh Hospital P2/P3, Raleigh, NC, Duke Raleigh Hospital. Andrew oversaw repair design and construction administration activities (pay appl., site visits, progress meeting, field reports, RFI's, etc.). The main objective of the project was to reconfigure two parking decks to act as a one, thus improving efficiency and number of parking spaces. In addition to the reconfiguration, all parking tee-to-tee joint sealants and filed top tooled joints sealants were replaced with new. Miscellaneous concrete spall repairs were also included in the project. The repair program was completed while the deck is actively utilized by patients of the adjacent medical buildings.

CPC Student Deck 3 Repairs, Charlotte, NC. This parking structure rehabilitation project had to be completed in three months while the college was on summer break. The scope included concrete slab repairs, expansion joint repairs, vehicular and pedestrian guard installation, supplemental floor drains, and joint sealant installation. The project was completed on time and within the budget allocated by the college. Andrew was responsible for overseeing the design and project management activities.

Durham VAMC Garage A Repairs, Durham, NC. Andrew oversaw design and construction administration activities. The project entails repair and replacement of damaged structural slab post-tension reinforcing and the implementation of a micro-silica overlay. The installation of various waterproofing elements (deck coating, sealants, expansion joints seals) and isolated concrete spall repairs were also included in the project.

Carillon Tower Plaza and Garage Restoration, Charlotte NC. The existing plaza system had numerous failures making it difficult to navigate, inadequately drained, and aesthetically unappealing to employees and visitors to the Carillon Tower. WGI's Restoration team was able to assist with an evaluation and design of a new plaza system. The project included restoration and waterproofing of the structure during renovation of the plaza.

EDUCATION:

Master of Business Administration,
Business Administration - Duke
University, 2012 Master of Science,
Civil Engineering - Structures -
Queens University, 2005

AFFILIATIONS:

American Society of Civil Engineers
Carolinas Parking Association,
International Concrete Repair
Institute

YEARS OF EXPERIENCE

TOTAL: 17 WITH WGI: 15

Rob is a managing principal, responsible for new parking structure design, parking consulting, and structural engineering. His parking design and consulting encompasses work with airport, governmental, military, transit, higher education, resort, healthcare, and corporate clients. Rob led the design for the shuttle bus parking lots throughout metro Atlanta for the Centennial Olympic Games, and he managed the design of the Detroit Tigers Comerica Park parking structure. He completed the preliminary design of Atlanta airport's new parking structures, which accommodate more than 30,000 cars; the largest garages in the United States. He is well versed in precast concrete, cast-in-place, and steel construction. Rob's experience also includes restoration, parking study, and programming projects. Several of his projects received LEED Certification, including Colorado State University's Lake Street parking facility, which received LEED Gold. As garage design, construction, and operating practices have evolved to GBCI's Parksmart certification standard, Rob has remained a leader of practical sustainable design for all parking projects.



**Robert
McConnell, PE, SE**

RELEVANT EXPERIENCE

Duke Raleigh Hospital P2/P3 Parking Decks, Raleigh, NC, Duke Raleigh Hospital. Robert served as principal in charge and project manager. The main objective of the project was to reconfigure two parking decks to act as a one, thus improving efficiency and number of parking spaces. In addition to the reconfiguration, all parking tee-to-tee joint sealants and filed top tooled joints sealants were replaced with new. Miscellaneous concrete spall repairs were also included in the project. The repair program was completed while the deck is actively utilized by patients of the adjacent medical buildings.

Charlotte Mecklenburg Government Center Parking Deck Expansion Study, Charlotte, NC, City of Charlotte. Rob served as the consulting principal engineer. WGI evaluated the Charlotte Mecklenburg Government Center (CMGC) Parking Deck for operational functionality, safety, and parking capacity. The CMGC Parking Deck is a five-level, precast concrete parking structure, designed and constructed in 1986, and provides nearly 1,000 parking spaces for its employees and visitors.

City of Rock Hill Master Plan & Fountain Park Place Parking Structure, Rock Hill, SC, Warren Norman Company / City of Rock Hill. Rob assisted with the parking study effort and served as WGI's principal designer and structural engineer of record of the Fountain Place parking structure. The WGI team completed a city-wide parking study as part of the City's updated Master Plan. Due to the rapid growth of Rock Hill, the Master Plan recommended several parking structures, including the new Fountain Park Place garage. Rob led the design of the four-level, 200 space, precast concrete structure. The new garage is architecturally and operationally connected to the adjacent office building. It serves both the building tenants and public parking for downtown amenities.

92 Milton Avenue, Alpharetta, GA, City of Alpharetta. Rob served as the principal designer, team lead, and structural engineer of record for the design team. WGI led the design effort for the Milton Avenue parking structure in Alpharetta, Georgia. The project consists of a four-level, 263-space structure for public parking and various improvements to the site and surrounding community, including on-street parking, storm water management and landscaping / streetscaping. The garage is constructed entirely of precast concrete with integrally-colored concrete and face brick in several patterns in the façade panels. This was a design-build project, and WGI was the prime consultant.

The Foundry at Loveland, Loveland, CO, Brinkman Partners / City of Loveland. WGI provided parking consulting and design services for the public/private-funded parking structure at The Foundry development. The 461-space garage consists of five levels of public parking above one level of subterranean private parking for residential tenants waterproofing elements and isolated concrete spall repairs were also included in the project.

REGISTRATIONS:

Professional Engineer: North Carolina #40159, 2013
+ 21 other states

EDUCATION:

Master of Science, Civil Engineering (Structures) - Georgia Institute of Technology, 1994 Bachelor of Civil Engineering - Georgia Institute of Technology, 1992

CERTIFICATIONS:

LEED Green Associate
Parksmart Advisor

AFFILIATIONS:

American Society of Civil Engineers, M.ASCE
Carolinas Parking & Mobility Association
International Parking and Mobility Institute
National Parking Association:
Parking Consultants Council
Structural Engineering Institute, Charter Member

YEARS OF EXPERIENCE

TOTAL: 28 WITH WGI: 26

Attila is a Restoration Engineer in WGI's Charlotte Office. As part of the restoration & building enclosures team, he has focused on several different types of restoration projects with responsibilities including on-site evaluations, structural analysis and design development, calculations, construction document preparation, and construction administration (submittals review, writing of field reports, RFI responses, etc.).

RELEVANT EXPERIENCE

Riveredge Parking Structure Repairs, Atlanta, GA. A large scope of work to be designed and administered by WGI was decided upon based on a condition assessment previously completed by WGI. This scope of work included concrete repairs, supplemental shear connectors to reduce excessive joint movement between double tees, full double tee joint sealant replacement and silane sealer application at the top level, restriping of the entire parking deck, and numerous structural repairs and strengthening at the columns. The Riveredge Parking Deck was built in 1984 and serves employees and visitors to an adjacent Class A office tower with over 900 parking spaces.

Carillon Parking Structure Repairs, Charlotte, NC. A comprehensive repair program was developed by WGI to address and restore numerous items affecting the performance and serviceability of the deck. This included removal and replacement of the deck's façade sealants, concrete repairs, replacement of broken barrier cables, and structural strengthening of post tensioned concrete beams underneath the loading dock, where cracks were observed caused by heavy vehicle loading.

BB&T Parking Structure Repairs, Charlotte, NC. WGI was tasked with performing a full review of this twelve-level cast in place concrete parking deck in downtown Charlotte, which includes a steel-framed circular helix for quick egress. Items from the review were then selected to be repaired to extend the service life of the 45 year old parking deck. WGI conducted the development of construction drawings and specifications as well as construction administration for the project. Low occupancy of the deck related to the coronavirus pandemic allowed for very aggressive project scheduling and phasing, with approximately \$800k worth of repair work completed within five months.

Syracuse Hancock Airport Parking Structure Beam Repair, Syracuse, NY. WGI was brought on to design and implement the rehabilitation of a post-tensioned beam that was found to have heavily damaged tendons from corrosion. Due to the critical nature of the beam, it was first shored before the installation of heavy-duty steel brackets and fireproofing to strengthen and protect it for the remainder of the parking deck's service life.

Charlotte Mecklenburg Government Center Parking Deck Expansion Study, Charlotte, NC. WGI evaluated the Charlotte Mecklenburg Government Center (CMGC) Parking Deck for operational functionality, safety, and parking capacity. The CMGC Parking Deck is a five-level, precast concrete parking structure. Designed and constructed in 1986, it provides nearly 1,000 parking spaces for its employees and visitors.

Charlotte Plaza Facade Emergency Repairs, Charlotte, NC. WGI provided expedited engineering and construction administration services for emergency repairs to the Charlotte Plaza parking deck, which serves the adjacent 27-story Charlotte Plaza skyscraper. The scope of work for WGI consisted of designing new supports to supplement failed connections between numerous precast elements, document preparation for construction and pricing, and oversight of the repairs process.

Love Park Plaza & Parking Garage Repairs, Philadelphia, PA. The \$7.5M project included localized partial depth repairs and full-depth replacement of the concrete decks, reconstruction of the entrance ramps, construction of new elevators and stairs, and waterproofing of the roof during renovation of the park and plaza above the structure.



**Attila
Gergely, EI**

EDUCATION:

Bachelor of Science in Civil Engineering - emphasis on Structures, University of North Carolina at Charlotte, 2019
Masters of Science in Civil Engineering - emphasis on Structures, University of North Carolina at Charlotte, currently in progress

CERTIFICATIONS:

Fall Protection Authorized Standard - Full Day

AFFILIATIONS:

American Society of Civil Engineers, Precast/Prestressed Concrete Institute, American Institute of Steel Construction, Structural Engineering Institute

YEARS OF EXPERIENCE

TOTAL: 3 WITH WGI: 3

With a background as varied as her interests, Mia gained experience in commercial and residential design, furniture, and natural stone before joining WGI. Mia takes pride in the fine details of each project and discovering the nuances in structural, parking, and restoration design. As BIM Manager, she understands that each project has an impact on the daily life of those that use it, and enjoys creating clear and accurate drawings, models, and graphics that reinforce the quality WGI is known for.

RELEVANT EXPERIENCE

200 Monroe Building Plaza, Grand Rapids, MI. WGI provided schematic design for the waterproofing materials for the lower and upper plazas at the 200 Monroe Building in Grand Rapids, MI. The existing hardscape was evaluated for suggestions on waterproofing system improvements to increase the longevity of the structure.

Solana Plaza, West Lake, TX. WGI provided parking design and structural services to increase parking capacity at Solana Plaza along with an on-site assessment of current Plaza conditions. Landscape areas were converted to surface parking lots along the east and west areas of the existing property. Stairs, vehicular ramps, and retaining walls were implemented for the site improvements requiring the services of our architectural and structural team.

Hill Air Force Base - Design-Build Parking Garage, Ogden, UT. The Ground-Based Strategic Deterrent Mission Integration Facility will allow the consolidation of both government and contractor personnel into one secured government-owned and managed facility. The complex includes a three-story building and a separate four-level parking structure accommodating approximately 870 parking spaces. WGI services include parking functional design and structural engineering services for the parking structure.

Bexar County Parking Garage, San Antonio, TX. WGI performed structural engineering and parking consulting services for this new 750-car 8-level above ground parking garage. The new garage provides parking for Bexar County employees during regular business hours and available as paid parking for the public at other times. The ground level of the facility serves as office space for the county's IT department and a medical clinic.

Columbia County Garage Design-Build, Evans, GA. WGI provided parking design, structural engineering, architecture, civil engineering, landscape design, and surveying services for a new parking garage for Columbia County in Evans, Georgia. The new parking structure accommodates approximately 280-parking spaces and incorporates two stair/elevator cores.

City of Oxford, Oxford, MS, Eley Guild Hardy Architects. WGI offered structural and parking design services for a new garage constructed on the site of the existing surface lot at the corner of Jefferson Avenue and Monroe Avenue. The program for the new garage included 500 structured and surface parking spaces on three to four levels.

Metropolitan Parking Design and Consulting/Restripe, Charlotte, NC. WGI provided engineering parking design and consulting services for the Metropolitan Parking Deck. This included drawings depicting revised traffic circulation and striping for levels 2 and 3, as well as ramp from grade; suggestions to improve wayfinding and signage; review of the parking ratios to determine if revised layout results in a parking shortage; deliverables for the Schematic Design Phase consisting of functional floor plans showing the parking layout and suggested signage and striping details, notes, and specifications.

City of Asheville PARCS Solutions Evaluation and Implementation, Asheville, NC. WGI assessed the City's current Parking Access Revenue Control System (PARCS); assisted with the RFP generation, solicitation and selection of a suitable vendor; provided recommendations; and advocated for the City, from evaluation through implementation of the selected system.

Charlotte Plaza Emergency Repairs, Charlotte, NC. WGI performed emergency repairs to the Charlotte Plaza parking deck located in Charlotte, North Carolina. The repair work consisted of designing new connections, document preparation for construction and pricing, and conducting a project review.



Mia
Loos

EDUCATION:

Bachelor of Science, Interior Design
- Purdue University, 2010

AFFILIATIONS:

American Society of Interior
Designers, Allied member

YEARS OF EXPERIENCE

TOTAL: 8 WITH WGI: 4

Cheryl is a trilingual (English, Spanish, and French) professional designer and project manager with extensive experience including designing and managing the construction of multiple high-profile urban projects, as well as designing numerous streetscapes, private and municipal projects, and large-scale roadway beautification and gateway projects in Florida. Cheryl provides her expertise in all aspects and stages of the design process, production and construction, focusing on implementing green practices and techniques. In addition to a licensed architect and landscape architect, as well as a certified arborist, LEED Green Associate and one of only five Sustainable SITES accredited professionals.

RELEVANT EXPERIENCE

Charlotte Mecklenburg Government Center Parking Deck Expansion Study, NC. WGI evaluated the Charlotte Mecklenburg Government Center (CMGC) Parking Deck for operational functionality, safety, and parking capacity. The CMGC Parking Deck is a five-level, precast concrete parking structure, designed and constructed in 1986, and provides nearly 1,000 parking spaces for its employees and visitors.

Betty Mae Jumper Medical Facility, Broward County, FL. Located on 4.4 acres of land, the 40,000-square foot Betty Mae Jumper Medical Complex will serve as the primary medical treatment facility for the Tribe's Hollywood Reservation and also as an essential services building in the event of emergency. The complex includes an emergency generator, 180 parking spaces, 2 to 3 car pharmacy through area, truck loading area, trash collection enclosure, and two large wet retention ponds. WGI provided architectural, planning, civil engineering, landscape architecture, geotechnical exploration, structural engineering, mechanical, electrical and plumbing design for this project. Additionally WGI provided construction plan preparation, permitting, and construction phase services.

Miami Intermodal Center (MIC) Rental Car Center (RCC), Miami-Dade County, FL. Cheryl was responsible for the redesign of sections of this project during construction, as well as QA/QC process, extensive post-design services, and construction observation. A major transportation hub building, parking, and bus infrastructure facility serving as the primary vehicle entrance to Miami International Airport. The project comprised a 4-acre site and surroundings in conjunction with the LeJeune Road project and included tree relocations, landscape, irrigation and lighting plans, and construction observation

Immokalee Medical Clinic, Immokalee Reservation, Hernando County, FL. The Seminole Tribe of Florida contracted WGI to provide the design for a new medical and emergency facility within the Immokalee Reservation. The complex included a new medical facility, police station and fire rescue station. WGI provided architectural, planning, civil engineering, landscape architecture, geotechnical exploration, structural engineering, mechanical, electrical and plumbing design for this project.

Currie Park, Palm Beach County, FL. WGI will be performing survey, civil engineering, and landscape architecture services to accommodate new infrastructure associated with Currie Park Green Streets project. The scope of work includes a design to reduce flooding, improve water quality, and provide streetscape improvements incorporating benefits of Low Impact Design.

Simpson Park Pedestrian East Entrance, Miami-Dade County, FL. Cheryl was responsible for the concept design and presentation graphics for the renovation of the east access to this historic park in the downtown center of Miami. The project consisted of preparing a conceptual plan for the east entrance of the park, including a gate feature, hardscape treatment, landscape lighting, and park furniture, in addition to modifications to the existing irrigation system and landscape plant material.



**Cheryl
Callender, PLA, LEED,
SITES AP**

REGISTRATIONS:

Professional Landscape Architect:
NC, No. 2002, 2017

Professional Landscape Architect:
FL No. LA6667177, 2014

EDUCATION:

Florida A&M University - Master of
Landscape Architecture
University of Panama - Bachelor of
Science Architecture

AFFILIATIONS:

American Society of Landscape
Architects
Green Building Council
International Society of
Arboriculture

CERTIFICATIONS:

ISA Certified Arborist No. FL-9410A,
October 2018
LEED Green Associate No. 10785691,
June 2013
SITES AP No. 00000651-SITES, July
2017

YEARS OF EXPERIENCE

TOTAL: 23 WITH WGI: 5

Bellandra Foster, Ph.D., P.E. is a licensed professional engineer with over 30 years of experience in engineering and program management. She is an experienced program manager with vast experience providing civil engineering, construction management, contract administration, utility coordination, technical assistance and engineering supportive services. Dr. Foster has managed engineering, construction inspection and technical assistance operations for state, local and federally funded projects. Bellandra Foster is a former Director of Highways and Streets for the City of Atlanta Department of Public Works and State DOT Utilities and Permits Engineer for the southeastern Michigan Region.

RELEVANT EXPERIENCE

NAVFAC

Prime Contractor to NAVFAC Providing Facilities Management and Base Operations Support for NOSC Greensboro, NC. Proposed Contract Period: October, 2018 to September, 2023. Scope of Services: Facilities Management. Bellandra Foster Role: Quality Control Manager/Site Safety Officer

NAVFAC

Prime Contractor: Davenport Engineering. BBFoster Consulting: Sub Consultant Providing Inspection Services. Scope of Services: Above Ground Storage Tank (AST) Inspection Services – Camp Lejeune, NC. April, 2020 to Present – Estimated Completion Date March, 2021. Bellandra's Role: Project Administrator

City of Charlotte, NC

Prime Consultant providing Utility Coordination Services to the City of Charlotte, NC. March, 2020 to February, 2025. Scope of Services: Master Contract for Utility Coordinator Services. Bellandra's Role: Utility Coordination Engineer/ Project Engineer

City of Greensboro / Gannett Fleming

Subconsultant providing Utility Coordination Traffic/Pedestrian Volume Counts for the City of Greensboro. February, 2019 to October, 2020. Scope of Services: Utility Coordination and Traffic/Pedestrian Volume Counts for Gate City Boulevard Utility Line Relocation Study. Bellandra's Role: Utility Coordination Engineer.

North Carolina Department of Emergency Management / IEM

Subconsultant providing Technical Assistance and Support Services for the NC Department of Emergency Management Hurricane Matthew Grants Intake Center Management: June, 2018 to October, 2019. Scope of Services: Grants Intake Center Management (Columbus and Bertie County), Technical Assistance, Public Involvement, Grants Management and Training. Bellandra's Role: Project Administrator.

North Carolina Department of Emergency Management / AECOM

AECOM Continuing Services Agreement: February, 2017 to Present. Subconsultant providing Technical Assistance and Support Services for the NC Department of Emergency Management Resilient Redevelopment Project: Task Order 1 from February, 2017 to April, 2017, Task Order 2 from November, 2017 to February, 2018. STEP Program Inspection Services for NCEM/NCDPS – February, 2019 to April, 2019. Scope of Services: Technical Assistance, Public Involvement, Grants Management, Training, Inspections. CDBG HUD Home Inspection Assistance – June, 2020 to Present. Bellandra's Role: Project Administrator.

The Institute of Economic Development (NC) / NC Department of Transportation

Providing program director services for the North Carolina Department of Transportation (NC DOT) Highway Civil Industry On-the-Job Training Program. Contracted from April, 2015 – October, 2017. Scope of Services: Program Management, Public Involvement, Technical Assistance, Supportive Services, Training. Bellandra's Role: OJT Program Manager



Dr. Bellandra Foster, Ph.D, PE

REGISTRATIONS:

Professional Engineer: North Carolina PE License #037218

EDUCATION:

Doctor of Philosophy, Civil Engineering, Michigan State University
Master of Science, Civil Engineering Wayne State University, Detroit, MI
Bachelor of Science, Civil and Environmental Engineering (Structural), Michigan State University East Lansing, MI

CERTIFICATIONS:

Intelligent Transportation Systems Northwestern University Traffic and Transportation Engineering
Level I Soil Erosion & Sedimentation Control Inspector
Applying the NEPA Process and Writing Effective NEPA Documents
OSHA 30 Certified

AFFILIATIONS:

National Society of Professional Engineers (NSPE)
American Society of Civil Engineers (ASCE)
Institute of Transportation Engineers (ITE)

YEARS OF EXPERIENCE

TOTAL: 30 WITH BBF: 7

Over 10 years of experience as an electrician and inspector in the maintenance and construction fields with the proven ability to quickly and efficiently make decisions. Self-motivated and goal oriented.

RELEVANT EXPERIENCE

BBFoster Consulting, PC

Construction Inspector, Quality Manager and Site Safety/Health Officer (QCM/SSHO). From/To: 10/2018 to Present. Description: External Quality Control Manager and Site Safety Officer for the NOSC. (Naval Reserve Center) Greensboro, NC. Construction Inspector: Little Sugar Creek Tunnel Project, Charlotte, NC (5/2021- Present)

Dunn Service Group

Position Title: Technician – Lead. From/To: 2016 – 2018. Description: Performed activities associated with Non-Hazardous and Hazardous Waste. Cleanup, Facility Decontamination, Industrial Cleaning, Dry Ice Blasting and Emergency Response activities. Skillfully managed a 7-11-person industrial cleaning crew in a manufacturing setting at company accounts. Successfully executed the established standards and processes detailed in the organizational Quality Management Plan. Ensured that all staff complied with the company safety program through preparation and enforcement resulting in zero injuries to date.

Endura Products Inc.

Position Title: Machine Operator. From/To: 2015 – 2017. Description: Manufacturing of high-quality door components. Performed at acceptable levels at each rotated position on the production line. Demonstrated excellent decision-making ability with good self-motivation.

Spotlight Enterprises Inc.

Position Title: Driver. From/To: 2015 – 2016. Description: Safe operation of Commercial Vehicles with a GVWR of 26k lbs. as a wrecker operator. Interstate/Intrastate delivery of raw materials, heavy equipment, and vehicles.

Holland Company

Position Title: Assembly Technician. From/To: 2014 – 2015. Description: Use of Electrical, Mechanical, Hydraulic, and Pneumatic processes for manufacturing. Assemble, inspect, adjust, and repair pushbutton control panels for the railroad industry. Operation of equipment/machinery to fabricate subassemblies using the 5 Lean Principles. Read blueprints, schematic diagrams and engineering specifications to assemble welder heads.

Sargent Electric Co.

Position Title: Electrician Helper. From/To: 2012 – 2013. Description: Rigid conduit installation at the Whiting Refinery Modernization Project. National Construction Network. Position Title: Electrician Apprentice. From/To: 2011 – 2012. Description: Install, maintain, and repair wiring, electrical equipment, devices and fixtures in residential and commercial settings.

JMP Realty

Position Title: Maintenance Technician - Lead. From/To: 2009 – 2010. Description: Performed routine & preventative interior/exterior maintenance of multi-family units. Conducted daily meetings with maintenance technicians in an effort to ensure all staff complied with safety policies and standards.

**David
Ramirez, Jr.**

REGISTRATIONS:

Professional Engineer: North Carolina PE License #037218

EDUCATION:

A.S. Mechatronics Engineering Technology, Guilford Technical Community College
Industrial Technology (Electrical)
2014 Ivy Tech Community College
Union Carpenters Apprenticeship Program, 2004-2009

CERTIFICATIONS:

ACI/NCDOT Concrete Certification Grade I (Expires March, 2023)
(ACI Certification ID: 01534479)
(NCDOT Technician Certification ID: 15496)
NCDOT Roadway and Structures Inspector Training - 2018
OSHA 10 hour & OSHA 30-hour safety certified
Manufacturing Skills Standard Council - Certified Production Technician
Construction Advancement Foundation - Construction Site Safety

YEARS OF EXPERIENCE

TOTAL: 10 WITH BBF: 3

Over 10 years of experience as a Quality Control Engineer, SAP (Systems Applications Products) Coordinator, Project Coordinator, Technical Assistant Inspector, and Administrative Assistant in a Manufacturing Company and Construction Project Management with good work ethics, highly motivated and goal oriented.

**Ericson
Felices**

RELEVANT EXPERIENCE

BBFoster Consulting, PC

Roles: Technical Assistant, Construction Inspector, Site Safety, Quality Control. Proposed: Beginning 8/27/2021

SAP Coordinator/Project Coordinator/Technical Assistant/Administrative Assistant

AMCON & COMPANY, INC.

3/F Samuel One Bldg. 3482 Honda St. Corner EDSA Guadalupe, Makati City, Philippines. May 2006 –

January 2013. Duties and Responsibilities: As SAP Coordinator: • Responsible for all Consultant, Government Agencies, Contractors and Suppliers data input of their respective Project Assignments in the SAP GUI • Facilitates creation of Purchase Requisition as well as Purchase Order for every Consultant, Government Agencies, Contractors and Suppliers. • Posting of Goods Receipts for each Deliveries and Work Accomplishments for every Construction Packages. As Project Coordinator/Technical Assistant • Maintains efficient coordination with the Main Contractors, Sub-Contractors, Suppliers, Project Consultants and the Owner. • Evaluates Construction Plans, Billings, Contractors' Quotations, Change Orders and Work Order Proposals, Shop Drawings and other pertinent construction-related documents. • Responsible for developing and maintaining master schedules, as well as closeout activities of Design and Construction Management program with multiple, simultaneous projects. • Conducts systematic inspection at the Project Site. • Actively monitors proper implementation and execution of work activities at the Project Site/s. • Monitors and prepares report in relevance to the progressive works at site. • Participates in Construction Coordination Meetings. • Witnesses required various tests for construction materials such as compressive strength of concrete, bending and tensile test of reinforcing bars. • Prepares budgetary and cost estimates on Change Orders.

• Prepares Construction Schedules reflecting the Bar Charts and S-Curves. • Responsible for ensuring Safety Rules and Regulations at the site.

As Administrative Assistant • Monitors Active Files and Contractors' Submittal Logs. • Prepares Monthly Project Updates including particulars of Executive Summary • Prepares and issues Billing Endorsements • Participates in Billing Reconciliations • Prepares Transmittal letters, approved shop drawings and submittals and other technical deliverables. • Responsible for encoding and documentation

Laguna Dai-Ichi Inc.

Quality Control Engineer. June 2005 – May 2006. 103 North Science Ave. Laguna Technopark. Special Export Processing Zone, Binan Laguna, Philippines. Duties and Responsibilities: • Ensures Setup/ Re-setup sample are in conformance to specification prior to mass production and inspect the parts in lot inspection area based on quality inspection guide, inspection standard limit samples and work instruction. • Ensures that products are inspected and kept under controlled condition during all stages of manufacturing process. • Ensures that all parts in the assembly line underwent proper assembly process and checked according to the established inspection standard, quality inspection guide and work instruction. • Performs dimensional/lot inspection. • Issues ICAR/NCA to nonconforming lots. • Performs sample inspection and line monitoring. • Obtains corrective and preventive action from relevant technicians. • Ensures proper handling of measuring instruments.

Precision Crestec Incorporation

Quality Assurance Engineer. April 2003 – March 2005. A. Rodriguez Ave. Brgy. Dela Paz Pasig City, Philippines. Duties and Responsibilities: • Ensures that all outgoing products are inspected according to customer requirements and maintain records of inspection. • Responsible for the preparation of Certificate of Compliance/Inspection/Assurance for the delivered item to the customer. • Determines the disposition status and place proper identification method on non-conforming products. • Reports any need for change in the Job Order Specification sheet to Q.A Manager. • Ensures segregation of rejected/non-conforming items detected during inspection. • Performs other duties that may be assigned from time to time in a timely manner.

EDUCATION:

B.S. Computer Engineering
04/2001 – Central Colleges of the
Philippines

YEARS OF EXPERIENCE

TOTAL: 10 WITH BBF: >1



STEWART

MANAGER OF TESTING & INSPECTIONS | GEOTECHNICAL FIELD ENGINEER

Justin has over 14 years of experience in managing federal, industrial, public/commercial, residential, DOT and other projects within budget, specifications and required testing and inspection for QA/QC and engineering purposes. Testing disciplines include IBC Chapter 17 Special Inspections and Construction Materials Testing of soils, asphalt, masonry, concrete, wood, structural steel, deep foundations, spray-applied fire resistant materials, seismic/wind resistance, fire-resistant penetrations and joints, and special cases (i.e. retaining walls, storage racks, temporary structures, etc.). He has performed on-site construction materials testing and inspections consisting of subgrade evaluations, fill/backfill placement and compaction testing, foundation evaluations (shallow and deep), wood framing, spray-applied fireproofing, cold-formed metal framing, structural steel framing (welded and bolted connections), masonry, precast concrete, post tensioning, reinforcing steel, and concrete testing on various federal, industrial, public/commercial and residential projects.



Justin
Nance, PE

RELEVANT EXPERIENCE

BB&T Parking Garage Overlay - Charlotte, NC

Manager of Testing and Inspections | Stewart performed sampling and testing of concrete materials during new concrete overlay placements for the parking garage repairs. Scope of work included field testing of concrete materials for conformance to project specifications, laboratory testing of cast cylinders for compressive strength, and bond testing of overlay materials to existing concrete structure. As Manager of Testing and Inspections, Justin led project management tasks including daily field report/test result preparation and review, as well as performing the laboratory testing and bond testing of concrete.

Charlotte Courtyard Garage Repairs - Charlotte, NC

Manager of Testing and Inspections | Stewart provided construction materials testing and special inspections prior to the concrete placements for parking garage repairs in Phases 1, 2, and 3. We performed reinforcing steel inspections, and collected samples and tested concrete materials during concrete repair placements. As Manager of Testing and Inspections, Justin led project management tasks including registering for the building permit on Meck-SI, Mecklenburg County's Special Inspection Management System, and participated in the SI pre-construction meeting. He also reviewed Stewart's daily field report/test results and completed SI close-out documents upon successful completion of repairs and review of satisfactory test results.

Central Piedmont Community College, Deck 3 Repairs - Charlotte, NC

Manager of Testing and Inspections | Stewart provided special inspections and construction materials testing services for this structural enhancement project at Central Piedmont Community College. New diaphragm beams were added to the existing

precast double tee members in the eight-level parking deck. Stewart inspected the formwork for shape, location and dimensions and inspected the steel reinforcement for size, length, quantity, spacing and placement. Stewart also took a sample of fresh concrete and conducted a field test. We also performed compressive strength testing of cast cylinders in our laboratory. Justin led the project and provided daily directives to Stewart's field staff and maintained close communication with the contractor, Structural Engineer-of-Record, the architect, and the owner's representative. Justin also performed field testing and inspections in support of our inspection team, and as the Designated Special Inspector (DSI).

Central Piedmont Community College, Deck 2 Repairs - Charlotte, NC

Manager of Testing and Inspections | Stewart performed construction materials testing and special inspections of concrete for the Parking Deck 2 repairs at Central Piedmont Community College. Testing/inspections included reinforcing steel inspections, weld inspections for precast panel connection repairs, and materials testing of concrete patch materials.

REGISTRATIONS:

Professional Engineer (PE): North Carolina #040805
South Carolina #34040
Virginia #0402056278
Maryland #49050
District of Columbia #908775

EDUCATION:

Bachelor of Science in Civil Engineering
University of North Carolina at Charlotte

CERTIFICATIONS:

FACE Floor Flatness and Levelness Certified; PTI Level I Unbonded PT – Field Installation; Troxler Nuclear Density Gauge Safety Training

YEARS OF EXPERIENCE

TOTAL: 14 WITH STEWART: 14



STEWART

Kanya has over 22 years of experience in North Carolina with multi-faceted expertise in civil and environmental engineering, and geotechnical engineering. He has a strong background in construction material testing and in conducting special inspections. Prior to joining Stewart one year ago, Kanya worked as a field engineering intern and special inspector and provided quality assurance/quality control testing and ICC special inspections for commercial, retail, educational, and low to high-rise construction projects. Kanya monitored drilled piers and stressing tendons for multiple projects. He performed quality assurance/quality control tests for soil, masonry, reinforced concrete, structural steel, and post-tensioning. Kanya works from Stewart's CMT lab in Charlotte.

RELEVANT EXPERIENCE

BB&T Parking Garage Overlay - Charlotte, NC

Manager of Testing and Inspections | Stewart performed sampling and testing of concrete materials during new concrete overlay placements for the parking garage repairs. Scope of work included field testing of concrete materials for conformance to project specifications, laboratory testing of cast cylinders for compressive strength, and bond testing of overlay materials to existing concrete structure.

Charlotte Courtyard Garage Repairs - Charlotte, NC

Special Inspector | Stewart provided construction materials testing and special inspections prior to the concrete placements for parking garage repairs in Phases 1, 2, and 3. We performed reinforcing steel inspections, and collected samples and tested concrete materials during concrete repair placements.

Central Piedmont Community College, Deck 1 Repairs - Charlotte, NC

Special Inspector | Stewart performed construction materials testing and special inspections of concrete repair/patches for the Parking Deck 1 repairs at Central Piedmont Community College.

Central Piedmont Community College, Deck 2 Repairs - Charlotte, NC

Special Inspector | Stewart performed construction materials testing and special inspections of concrete for the Parking Deck 2 repairs at Central Piedmont Community College. Testing/inspections included reinforcing steel inspections, weld inspections for precast panel connection repairs, and materials testing of concrete patch materials.

Central Piedmont Community College, Deck 3 Repairs - Charlotte, NC

Special Inspector | Stewart provided special inspections and construction materials testing services for this structural enhancement project at Central Piedmont Community College. New diaphragm beams were added to the existing precast double tee members in the eight-level parking deck. Stewart inspected the formwork for shape, location and dimensions and inspected the steel reinforcement for size, length, quantity, spacing and placement. Stewart also took a sample of fresh concrete and conducted a field test. We also performed compressive strength testing of cast cylinders in our laboratory.

The Parking Spot - Charlotte, NC

Special Inspector | Stewart completed a geotechnical exploration for this 24-acre proposed parking facility on Wilkinson Boulevard, near Charlotte-Douglas International Airport. Subgrade soils were tested in our laboratory and recommendations were provided to the project owner regarding fill settlement and other subsurface conditions. During construction, Stewart provided Construction Materials Testing and Special Inspection services. Services included earthwork testing and observation, foundation evaluations, modular retaining wall observations, concrete testing and observation, asphalt testing, and structural steel observations.

SPECIAL INSPECTOR



Kanya
Mukoko, Ph.D, EI

REGISTRATIONS:

Engineering Intern (EI)

EDUCATION:

Ph.D Infrastructure and
Environmental Systems University
of North Carolina at Charlotte
Master of Science in Engineering -
Transportation
University of North Carolina at
Charlotte
Bachelor of Science in Civil
Engineering Technology University
of North Carolina at Charlotte

CERTIFICATIONS:

Meck-SI Authorized Special
Inspector (ASI)

YEARS OF EXPERIENCE

TOTAL: 22 WITH STEWART: 1



Tab 4

Relevant Experience & Other Important Factors

TAB 4 | Relevant Experience & Other Important Factors

4.1 | Specialized or appropriate expertise in this type of project

Plazas and parking structures are subject to some of the most accelerated and vigorous deterioration and distress of any building systems. Harsh exposure conditions from moisture, thermal effects, weathering, and traffic often reduces these systems serviceability. Accordingly, a specialized evaluation and design team is paramount for a successful restoration project.

WGI (formerly known as Carl Walker), is a nationally recognized leader for restoration and maintenance of plazas and parking structures. We have developed cost-effective and durable repair solutions for parking decks and plaza related restoration projects throughout the country.

WGI's Restoration professionals have specialized and unique expertise when it comes to parking decks and plaza projects. Our restoration engineers have been involved in the restoration of over 2,000 parking structures and facilities across the country, many in North Carolina, involving evaluation, design, bidding, and construction administration phases.

Our proposed project manager, Mr. Juan D. Sanchez, PE, has managed a diverse array of parking deck and plaza restoration projects for over twelve years, helping extend the service life of many facilities throughout North Carolina and across the country, implementing cost-effective and proven repair solutions.

Mr. Sanchez will be supported by our Restoration Manager, Mr. Andrew Kong, who has over 15 years of experience managing parking deck and plaza restoration projects. Mr. Kong is known by his clients as being very responsive and an effective communicator, and his role will include ensuring that staff resources are available for this project.

The list below represents a small sample of projects completed within the past few years by Mr. Sanchez and Mr. Kong, demonstrating a diversity of clients and extensive experience managing parking deck and plaza restoration projects:

Sample of Recent Parking Deck and Plaza Restoration Projects
PTI Airport Elevated Roadway and Parking Deck Repairs - Greensboro, NC *
Carillon Plaza and Parking Deck Repairs - Charlotte, NC*
JFK Plaza "Love Park" Parking Garage Restoration - Philadelphia, PA*
Johns Island Vero Beach Plaza and Parking Deck Repairs - Vero Beach, FL*
O'Hare Plaza and Parking Deck Repairs - Chicago, IL*
WestPort Plaza Garage and Plaza Repairs - St. Louis, MO*
Charlotte Government Center Parking Deck Engineering Assessment - Charlotte, NC
Durham VA Deck A Repairs - Durham, NC

City of West Palm Beach Clematis Parking Deck Repairs - West Palm Beach, FL
City of Rock Hill Parking Deck Repairs - Rock Hill, SC
City of Marietta Parking Deck Repairs - Marietta, GA
MUSC Parking decks Engineering Condition Assessment - Charleston, SC
UNC Chapel Hill Craige Parking Deck Vertical Expansion - Chapel Hill, NC
Duke Raleigh Hospital P1, P2 and P3 Parking Decks Restoration - Raleigh, NC
CPCC Parking Decks 3 and 4 Repairs - Charlotte, NC
BB&T Center Parking Deck Repairs - Charlotte, NC
BOA Plaza Garage Repairs - Charlotte, NC
BOA South Courtyard Plaza Engineering Condition Assessment - Charlotte, NC
Two Wells Fargo Parking Deck Repairs - Winston Salem, NC
Atrium of Pal Beam Plaza and Garage Repairs - Palm Beach, FL
Rosemary St. Parking Deck Engineering Condition Assessment - Chapel Hill, NC
The Central Parking Deck Engineering Condition Assessment - Chapel Hill, NC
North Hills Parking Structure Evaluation - Raleigh, NC
Captrust Parking Deck Engineering Assessment - Raleigh, NC
AutoPark Parking Deck Repairs - Charlotte, NC
Metropolitan Parking Deck Repairs - Charlotte, NC
University Hospital Parking Deck Repairs - Augusta, GA
730 Peachtree Garage Repairs - Atlanta, GA
Riveredge Parking deck Repairs - Atlanta, GA

** Project sheets are included on the following pages*



HINES CARILLON PLAZA AND PARKING DECK SYSTEM RESTORATION

Charlotte, North Carolina

WGI was selected by the owner of the commercial tower, parking structure, and plaza area to ensure the proposed waterproofing replacement project developed by the adjacent hotel meets the standard of care needed to protect their interest and property.

WGI provided consulting services, inclusive of design documents review, product selection review, warranty durations, and installation process. WGI was actively involved from the removal of the existing plaza system to the completion of the new plaza system. The new system, complete with a 20-year warranty, consists of a hot-applied rubberized layer with a fabric reinforcing layer, followed by a protection board and specially designed mat to facilitate proper drainage. WGI performed regular site visits during the construction process and provided onsite detailing instructions to the contractors' teams.

The transformation of the plaza was then finished with the installation of all-new landscaping for a final product in the form of a first-class plaza.

PROJECT HIGHLIGHTS

- Evaluated construction documents for new plaza system
- Performed regular site visits to provide instructions & recommendations
- Plaza system replacement was highly successful
- Parking Deck Structural Repairs

REFERENCE:

KBS III Carillon, L.P.
Jesse Amundson
227 West Trade Street
Suite 300
Charlotte, NC 28202
p. 704.714.1100
e. Jesse.Amundson@Hines.com

PROJECT DATES:

May 2019 - November 2019

SERVICES PROVIDED:

Restoration
Construction Administration

TOTAL COST:

Design Fees: \$40K
Construction Cost: \$500K

PROJECT MANAGER:

Andrew Kong

KEY STAFF:

Juan Sanchez, PE
Attila Gergely, EI
Andrew Kong, PE





JFK PLAZA RESTORATION OF PARKING GARAGE

Philadelphia, Pennsylvania

The JFK Plaza parking structure is a 1964, 5 level, 810 space, below-grade parking structure in Center City Philadelphia located next to City Hall.

In 1993, WGI evaluated the parking structure and designed and oversaw a multi-million dollar repair program. In 2006, WGI completed a full condition appraisal, which included an assessment of code compliance, the underground parking garage's structural condition and overlying plaza, building support systems, environmental issues, and parking operations assessment. Recommendations for repairs and/or upgrades were made with the intent of providing for the long-term continued operation of the facility.



REFERENCE:

Interpark, LLC
Patrick Martin
Vice President, Capital Projects
p. 312.935.2746
e. Pat.Martin@intpark.com

PROJECT DATES:

2015-2017

DATA:

Levels 5
Spaces 810 Below Grade

STRUCTURAL SYSTEM:

Concrete two-way slab

SERVICES PROVIDED:

Restoration
Evaluation
Design Documents
Bidding
Construction Administration

TOTAL COST:

Design Fee: 125K
Construction Cost: \$2M

KEY STAFF:

Juan Sanchez, PE





JOHN'S ISLAND CLUB PLAZA AND PARKING DECK RESTORATION

Indian River Shores, Florida

WGI's scope included an engineering assessment of the club house's plaza system and expansion joints, structural analysis, preparation of construction documents, and construction administration.

The existing plaza system had numerous failures making it difficult to navigate, hard to drain, and aesthetically unappealing to members and visitors to the clubhouse. The current plaza system and plants in the planter boxes were demolished and discarded. The installation of a new plaza system included a hot-applied membrane, drainage mats, protection boards, new expansion joints, bi-level drains beneath new curbs, and pavers set in a herringbone pattern.

PROJECT HIGHLIGHTS

- Assessed plaza system and expansion joints
- Structural repairs
- Waterproofing repairs and protection



REFERENCE:

Rex A. Wilson, MBA, CFM
Director of Facilities
John's Island Club
3 Johns Island Dr.
Indian River Shores, FL 32963
p. 772.231.8589
e. rwilson754@johnsislandclub.org

PROJECT DATES:

2017-2018

STRUCTURAL SYSTEM:

Precast Structure

SERVICES PROVIDED:

Restoration
Evaluation
Design Documents
Bidding
Construction Administration

TOTAL COST:

Design Fee: \$100K
Total Cost: \$1.6M

KEY STAFF:

Juan Sanchez, PE
Attila Gergely, EI
Andrew Kong, PE





O'HARE PLAZA RENOVATIONS

Chicago, Illinois

In 2018, WGI was brought on to perform a condition assessment and provide repair recommendations for the O'Hare Plaza entry drive in Chicago. The O'Hare Plaza office complex consists of the 8725, 8735, and 8745 West Higgins Road office buildings, underground parking, and perimeter plaza and drives. The facility was constructed in the early 1970's.

WGI provided professional engineering services to prepare repair documents, assist in bidding the project to qualified contractors, and provide construction observation/administration services for the repair and waterproofing of the south entry drive at O'Hare Plaza.

PROJECT HIGHLIGHTS:

- Existing plaza demolition.
- Vertical, overhead, and topside concrete repairs.
- Waterproofing and expansion joint replacement.
- Design of new planters, crash walls, and railings.
- New drains, conduit, electrical boxes, mounted lights, and snow melt system installed in entry.
- Redesign landscaping.

REFERENCE:

Jones Lang LaSalle
Al Gienko
Vice President/General Manager
8755 West Higgins Road, Suite 100
Chicago, IL 60631
e. Al.Gienko@am.jll.com

PROJECT DATES:

2018-2020

DATA:

Levels 2

EXTENT OF REPAIRS:

Elevated structural plaza,
underground parking garage,
and street level garage adjacent
to plaza

SERVICES PROVIDED:

Restoration
Evaluation
Design Documents
Bidding
Construction Administration

TOTAL COST:

\$2.75M





PTI AIRPORT ELEVATED ROADWAY RESTORATION

Greensboro, North Carolina

WGI conducted an engineering condition assessment of the elevated roadway and short-term parking area. The review included visual observations aided by limited non-destructive testing to determine deterioration areas, including cracking, scaling, spalling, and failed or damaged waterproofing items.

WGI provided recommendations for a repair program to take into consideration long-term durability. Phase 1 renovations consisted of precast tee repairs, expansion joint replacement, and the installation of a heavy-duty traffic bearing membrane at the elevated roadway.

The project was completed on time and within budget.

PROJECT HIGHLIGHTS

- Elevated roadway and expansion joint repairs and replacement
- Structural repairs
- Traffic bearing installation



REFERENCE:

Alex Rosser, PE
Director of Planning and Engineering
Piedmont Triad Airport Authority
1000-A Ted Johnson Parkway
Greensboro, NC 27469
p. 336.665.5600
e. rossera@gsoair.org

PROJECT DATES:

2014-2017

STRUCTURAL SYSTEM:

Precast Roadway

SERVICES PROVIDED:

Restoration
Evaluation
Design Documents
Bidding
Construction Administration

TOTAL COST:

Design Fees: \$103k
Construction Cost: \$1.2M





WESTPORT PLAZA GARAGE AND PLAZA REPAIRS

St. Louis, Missouri

In 2016, WGI performed a condition assessment and provided repair recommendations for the extensive network of expansion joints at Westport Plaza. Westport Plaza is a mixed-use plaza in Maryland Heights (St. Louis). The Westport Plaza originally consisted of a plaza area with exposed aggregate concrete topping over a loose-laid butyl waterproofing system. In 1995, this system was replaced with a bonded, hot-rubber waterproofing system and pedestal pavers and was the 1996 Restoration Project of the Year by the St. Louis Concrete Council. Bob Tober was the project manager for this re-development.

In 2017, a repair program began for the expansion joints. The project continued with Bob Tober in his move to WGI in 2018 and through completion in 2019.

PROJECT HIGHLIGHTS:

- Repair waterproofing system along expansion joint seals.
- Repair delaminated vertical and overhead concrete in the garage below.
- Update plaza pavers for aesthetics and accessibility.

REFERENCE:

Cushman and Wakefield
Andrew Arrick, Vice President
111 Westport Plaza, Suite 550
St. Louis, Missouri 63146
p. 314.576.7100
e. andy.arrick@cushwake.com

PROJECT DATES:

2016-2019

DATA:

Levels 2

EXTENT OF REPAIRS:

Elevated structural plaza level with
350-stall underground parking
garage and enclosed storage areas

SERVICES PROVIDED:

Restoration

TOTAL COST:

\$125K



4.3 | Current workload and state/ local government projects awarded

WGI's Team is immediately available and committed to the successful execution and delivery of this project. We have a talented team of professionals with years of valuable experience working on similar projects. That experience combined with our support staff and state of the art equipment will enable us to achieve project goals, meet schedules, and deliver successfully completed projects.

The WGI team always has capacity for new projects due to the cyclical nature (varying duration) of projects in this industry. Our staff is committed to successfully completing this project within the timeline set by Guilford County. Based on the current timeline in the RFQ, we do not foresee any challenges with completing this project on time and within budget. We will proceed with our Project Management processes once a contract is signed and Notice to Proceed is given.

As of August 19, 2021, the WGI team selected for this project is not currently involved on a North Carolina state and/or local government project.



4.4 | Proposed design approach for the project

We understand that the most effective restoration approach is the one that best balances the needs of the structure with the goals of the Owner. This may include phasing to address budget objectives or to take advantage of periods of low parking demand, as well as development of durability criteria based on desired service life. Our scope development includes Owner participation as an integral part of the process with the ultimate goal of project completion on time and on budget.

Many of the projects that we are involved in do not have the luxury of closing the entire facility during construction. Therefore, we provide construction phasing plans to allow for the continuous operation of the parking structure, and a safe environment for users. This also makes the contractor aware of what is expected during construction and how much area they have to work in at one time.

PROJECT SPECIFIC APPROACH

Our project approach for The Government Plaza and BB&T Building Parking Deck Repairs will be completed via the following four phases:

1.0 Evaluation Phase

We propose an established project approach for the Evaluation Phase of this project.

Coordination

- A. Establish communication channels for the project. Juan D. Sanchez, as Project Manager, will be our main point of contact to provide Guilford County with one single source of communication.
- B. Conduct an introductory meeting with appropriate Guilford County representatives to:
 - 1. Review the scope, schedule, and goals of the project to assure that the necessary aspects of the study are included.
 - 2. Review materials sampling for each structure.
 - 3. Establish investigation guidelines to minimize interference with the current parking operations during our evaluation. We will make every effort to minimize disruption of the normal operations of the parking facilities or neighboring locations and their operations especially during the materials testing phase.

Research

- A. Meet with Guilford County representatives to review documents that have been assembled (including previous reports) regarding the original design and any past restoration and maintenance of the parking structures to date.
- B. Meet with Guilford County representatives to review repair and maintenance history of each parking structure. We will review maintenance history, including the attention given to known problems and existing damage, which will be useful in developing long-term repair and protection programs.
- C. Develop an understanding of types of materials used, manufacturers, warranties, age of materials/ systems, replacement time frame, and replacement values, etc.

On-site Evaluations

- A. Review each facility to determine quantities and locations of items of deterioration, such as cracking, scaling, and spalling of concrete structural elements. This would include:
 - 1. A chain drag mechanical sounding on representative areas of floor surfaces to identify spalled/ delaminated concrete. A full chain drag will be performed on supported entrance levels, the roof levels, and representative areas for intermediate levels, depending on the age and condition of the structure.
 - 2. Sounding of other elements including soffits, vertical surfaces, beams, columns, etc. would be completed as necessary to estimate quantities.
- B. Visual observations of floors, columns, beams, walls, ceilings and other structural elements for cracks,

leaks, spalls, joint conditions and other deterioration.

- C. Provide inspection of the waterproofing components of each structure, including joint sealants, expansion joints, and waterproofing membranes.
- D. Complete a visual review of the fire protection, drainage system, and ventilation to determine general condition and inventory these items.
- E. Review the performance of previous repairs.
- F. Identify any apparent structural or safety related matters for immediate attention by The County.

Materials Testing

If materials testing is deemed necessary, it would be coordinated with a local contractor and independent laboratories. The following scope of services will be performed:

- A. Chloride ion analysis - We will remove concrete powder samples for chloride ion analysis to develop a slab depth/chloride-ion profile (ASTM C-1152). This information will be useful in providing insight as to the long-term durability and expected service life of the parking structure and repairs.
- B. Exploratory excavations at representative areas to determine the type and condition of the existing waterproofing system.
- C. Optional – Pachometer survey to determine average depth of reinforcing steel in the concrete and to check for inadequate concrete cover over steel.

Parking Deck and Plaza Analysis

Based on the information collected from the research, field investigation, and any current or past material testing results, we will develop restoration options, with cost estimates for The Government Plaza and BB&T Building Parking Deck.

- A. Compile and review all field and materials test data to assess the probable causes and effects of the documented deterioration on the structure.
- B. Determine current conditions in each parking deck.
- C. Analyze material testing results and impact on long-term durability or life of the parking structures.
- D. Develop recommended repairs, priorities, and cost estimates for low end vs. high end maintenance. Recommended repairs will be based on the projected remaining service life of each structure.

Parking Deck and Plaza Report

Written reports for each structure, with photographs, will be provided. An electronic, full color PDF version will also be provided. The report will be as follows, unless required otherwise by the Owner:

- A. Provide narrative description of the type and condition of the structure, and the nature of observed distress and its impact on the serviceability of the parking structure.
- B. Repair and maintenance recommendations within a range of low end to high end maintenance, and

alternative repair procedures for consideration.

- C. Review the performance of previous repairs, the expected remaining service life, and alternative repair methods that should be considered in the future.
- D. Present Summary of testing results on the structures; both previous and any new testing will be included.
- E. For the chloride analysis show relation to previous results and reinforcing steel cover. Show results in tabular and graphic format. Include 11x17 plan sheets showing chloride locations.
- F. Provide photographs of observed conditions, graphic of history of repairs, isometric, etc.
- G. Provide cost & schedule spreadsheet including a detailed list of recommended work items and corresponding costs for each work item.
- H. Identify any additional testing that would provide useful information.
- I. Provide draft reports for review by Guilford County.
- J. Conduct owner review meetings with Guilford County project team, as necessary. Discuss objectives and sequencing of improvements/repairs for each structure and other influencing factors that may affect the priority and type of repairs and maintenance recommended.
- K. Revise draft report, based on Guilford County ongoing parking operations and other schedule requirements.
- L. Finalize reports, incorporating all review comments. The report will be written as outlined in the RFQ.

2.0 Design Phase

Construction Document Preparation – Includes preparation of repair details and specifications to implement the repairs and improvements. This phase will include:

- A. Finalize project items with the Guilford County Project Manager, such as:
 - 1. Project Schedule – What is the most cost-effective schedule to achieve the Owner's goals?
 - 2. Project Scope – We will prepare documents based on desired improvements and priorities.
 - 3. Project Budget – We will prepare an updated construction budget for review sets at varying intervals, incorporating agreed scope of repairs.
- B. Conduct 50% and 95% Owner review meetings and design progress meetings with Guilford County Project Manager/Team, as necessary. Confirm specific project requirements for construction control, phasing, and safety with the Guilford County Project Manager/Team. It will be important that these items are reviewed prior to Construction Document preparation and specifications development
- C. Consider required contractor construction sequencing to minimize disruption. We will review the Guilford County requirements or concerns that will affect construction such as noise restrictions, dust and fume controls, required construction signage, barricades, construction safety, etc.
- D. Prepare plan drawings that show locations of all repair items for every level being repaired. The documents shall include traffic control, phasing and schedule requirements and parking space impacts related to this

project.

1. Our unique WGI repair details have been developed in-house and updated over time based on our experience to maximize performance of repairs.
- E. Prepare technical specifications required to complete this work. These specifications will incorporate the front end of the specification (i.e., Bid Forms, General Conditions, General Requirements, etc.) using Guilford County most current version, including a bid schedule reflecting all work items, quantities and any alternates.
1. Our unique WGI restoration specifications have been developed in-house and updated over time based on our experience to maximize performance of products for each specific repair condition. Our specifications include the best performing materials, proven application procedures and warranty and testing requirements.
- F. Submit required documents for review to the Guilford County project team.

3.0 Bidding Phase

- A. Provide a list of qualified contractors/bidders with understanding that the bid process will be public.
- B. Assist with on-site pre-bid meeting to explain the project and walk through the facility with prospective bidders.
- C. Respond to bidder's questions during the bidding process per Guilford County requirements.
- D. Issue project addenda, as necessary.
- E. Tabulate and review contractor bids.
- F. Provide value engineering if required, to meet budgeting constraints.

4.0 Construction Administration Phase

- A. Provide general consultation with the Guilford County project team.
- B. Conduct an on-site pre-construction meeting with the contractor, the Guilford County project manager and the client to review and discuss issues related to the construction phase including staging, phasing, schedules, closures, parking space impacts, etc.
- C. Review contractor submittals, procedural submittals, etc., that are related to our scope of responsibility.
- D. Walk the work areas with the Contractor prior to each phase to review all repair locations.
- E. Conduct progress meetings with representatives of the contractor and Guilford County to coordinate work schedule and maintain project communication by providing meeting minutes.

- F. Provide weekly site visits to review construction with respect to general conformance to the contract documents. We will assist in observing and recording the restoration work progress and verify that, in general, the work complies with the intent of the plans and specifications.
- G. Prepare a written field report for each site visit. Well-documented field review reports provide a timely written summary of actions required by the contractor.
- H. Measure and verify repair quantities for each work item. Track project costs and communicate with the Guilford County Project Manager.
- I. Answer contractor's questions and resolve unforeseen field conditions that arise. Prepare additional details, supplemental instructions, bulletins, and CCD's, as necessary.
- J. Review contractor's pay applications.
- K. Review constructions change directives and change orders as necessary.
- L. Provide a preliminary and final project punch list.
- M. Collect warranties, review the final pay application and perform related project closeout activity.
- N. Provide record set drawings upon project completion. Record set drawings will be based on the drawings submitted by the contractor.

4.5 | Recent experience with project cost and schedule

Costs

For this project, our design team will always put the best interest of Guilford County before anything else, thus, controlling project costs is as important to WGI as it is to Guilford County.

Guilford County will benefit from WGI's many years of local experience and expertise in preparing accurate budgetary opinion of costs for hundreds of similar successful projects completed nationwide and in the area.

During our design process, WGI continually updates the opinion of probable construction costs and compares it to Guilford County construction budget. This process will allow the County to make informed decisions during the design process and avoid costly project overrun and change orders.

Scheduling

WGI and its design partners will be responsible for the project management, peer review, and quality control tasks, as well as overall accountability for each assignment. Each task assignment under this contract will be supported by a detailed, precedent-based schedule. These schedules will be clear, concise, include all major milestone events, and account for comprehensive quality control activities, allowing Guilford County and our Project Manager the ability to review each work item and readily identify resource commitments and milestone dates.

In addition, and most critical to keeping a project on schedule and under budget, is to keep clear lines of communication open at all times over the duration of the project. Our philosophy is to always be in contact with our clients, not only through e-mails, but also through regularly scheduled meetings and telephone conversations. Keeping the client informed is paramount to a successful project. If issues arise in the design, permitting or construction phases of a project, and lines of communication are kept open, these issues can usually be quickly and easily resolved. Our Project Manager will schedule time to meet and discuss the project on a regular basis and can schedule more frequent meetings should an issue develop.

4.6 | Construction administration capabilities

WGI's construction administration services begin prior to breaking ground with constructability reviews to ensure that a project can be completed economically and as planned. WGI's designers have an unparalleled understanding of construction techniques. Over the last 38 years, WGI has worked hand-in-hand with our contractor partners to complete than 500 parking planning, design, and restoration projects in North Carolina, and more than 5,000 around the country.

We will provide Guilford County with contractor coordination and oversight. The project submittals and shop drawings process will be diligently executed and accurately managed to ensure the procedures and materials meet the project requirements. WGI's field engineers will work closely with Guilford County and permitting agencies to verify the work is performed according to the contract plans, details and specifications. During construction, and upon completion, we review record drawings prepared by the contractor, or prepare them ourselves, to verify the completed work is documented accurately. Finally, we will prepare final project documents and submit certifications to Guilford County and permitting agencies.

4.7 | Proximity to and familiarity with the areas where project is located

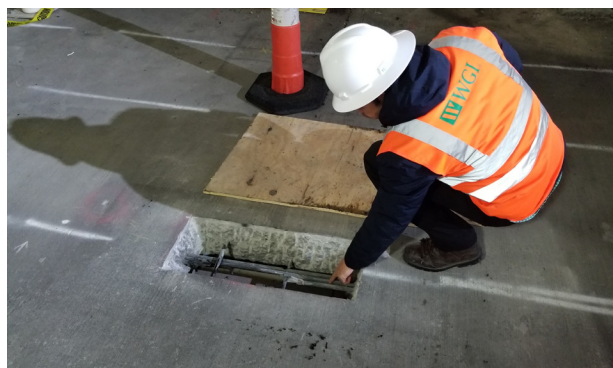
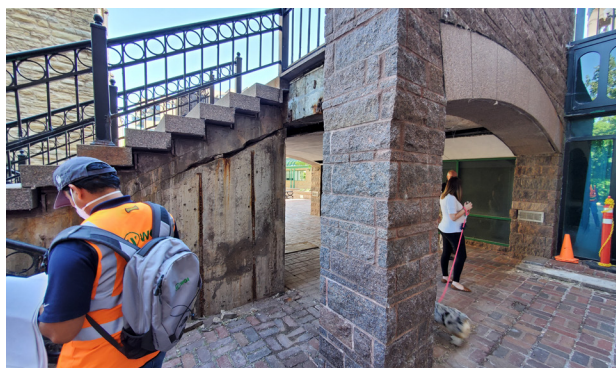
The design team selected for this project has been an integral part of the North Carolina and Greensboro region for the past 20 plus years, providing top tier consulting services related to the design, restoration and rehabilitation of parking and plaza structures. We have completed over 500 parking and plaza projects in the region and surrounding areas for both private and public entities.

Our design team is locally based in Greensboro (BBFoster) and in Charlotte (WGI and Stewart), North Carolina, a short drive from the Government Plaza and BB&T Building Parking Decks, allowing us to provide a very quick response time to address the needs of the County and the project.

Our commitment and participation in Guilford County dates back to decades, including, among other projects, assisting the County with the planning and the preliminary design of a 740-space parking structure for the Guilford County Detention Center, and several facilities at UNC - Greensboro.

More recently, between 2012 and 2017, WGI was engaged by The Piedmont Triad Airport Authority to design and administer the repairs to several of the Airport's parking structures and to its elevated roadway, projects which were recognized by ICRI as the North and South Carolina repair/rehabilitation project of the year in 2014.

We are confident in our understanding of the area and of the County code and ordinances as shown in the number of projects we have completed over the years, and strongly believe we can transfer and implement those experiences to the current Government Plaza and BB&T Building Parking Decks project.



4.8 | Record of successfully completed projects without major legal or technical problems

WGI's Restoration professionals based out Greensboro and Charlotte NC have completed more than 500 parking deck and plaza related restoration projects nationwide without any legal or technical problems.

Our restoration staff is dedicated full time to the evaluation and restoration of all types of existing structures. We provide quality engineering services by a dedicated staff committed to technical excellence, timely action, and the highest integrity. We understand that the most effective restoration approach is the one that best balances the needs of the structure with the goals of the Owner. Please contact our references, as they will confirm our performance and history.

4.9 | List of current or prior legal actions taken by you or against you in the past 5 years as it pertains to providing professional services to clients.

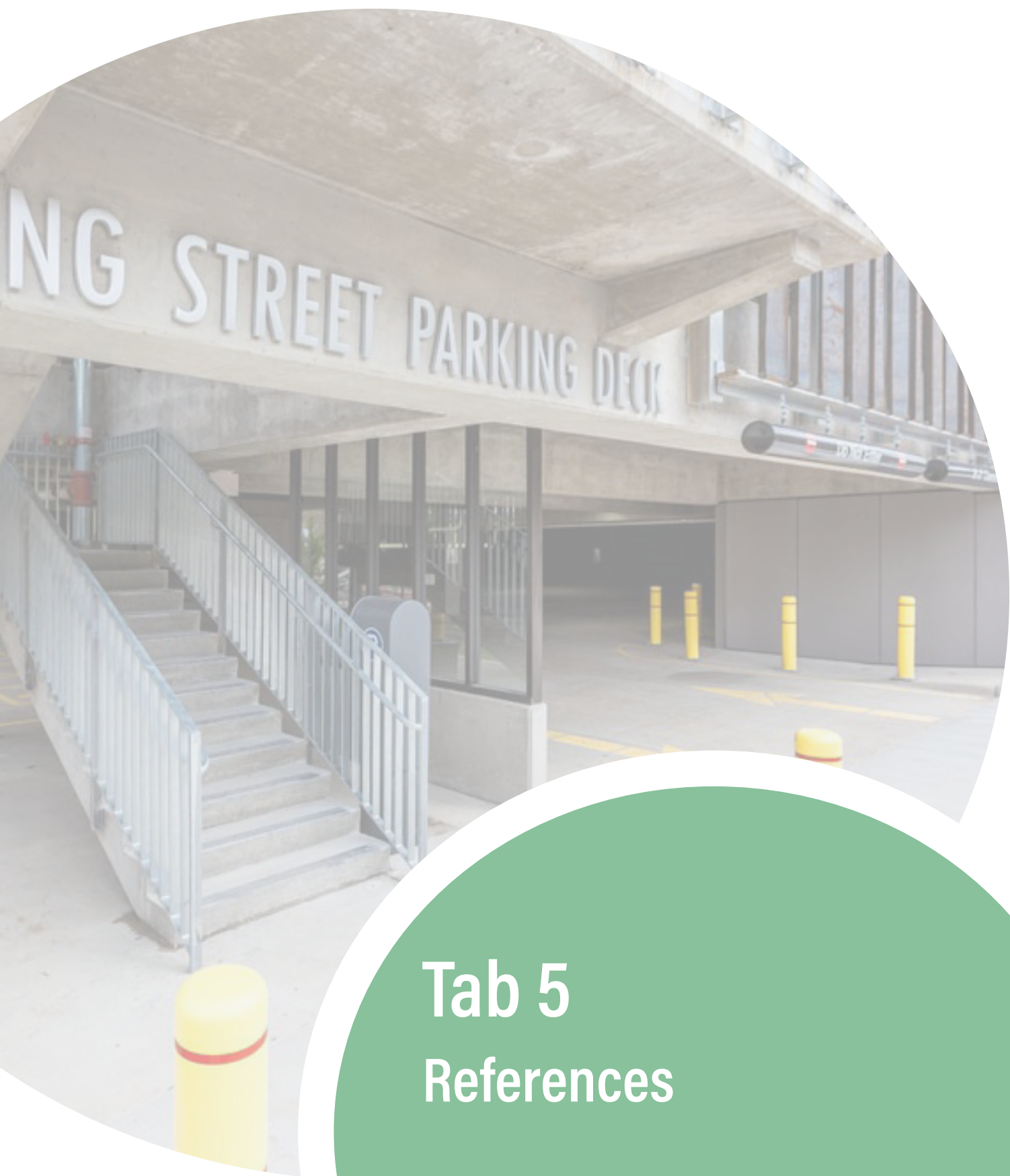
The WGI Charlotte office has no history of any litigation claims against them. Those listed below are from other offices.



Litigation 5 Year

Case	Courts	Summary	Status	Amount
ACTIVE CASES				
Community Asphalt Corp. v. WGI et al., Case No.: 2018-CA-029816	11th Judicial Circuit Court, Miami-Dade County	Disputed claims for alleged breach of contract and professional negligence in connection with the design and construction of the Interstate 75 Express Lanes (Segments A+B) project	In Discovery	Unknown at this time
Community Asphalt Corporation v. Wantman Group, Inc., AAA Case Number: 01-21-0003-6723	American Arbitration Association	Disputed claim in connection with design of FDOT roadway improvement project in Broward County, Florida.	In Discovery	Unknown at this time
KAST Construction v. Hunters Run Property Owners Assoc., Case No.: 50-2020-CA-000769-XXXX-MB	15th Judicial Circuit Court, Palm Beach County	Disputed claim for alleged of professional negligence in connection with the design and construction of paver system at the Hunters Run Aquatic Facility.	In Discovery	Unknown at this time
Ari Goldblatt, et al, v. Hunters Run Property Owners Association, Inc. v. Wantman Group, Inc. (See Kast Construction lawsuit) Case No.: 502020CA004545	15th Judicial Circuit Court, Palm Beach County	Disputed claims for alleged breach of contract and professional negligence in connection with the design and construction of the SR-9/I-95 new interchange at St. Johns Heritage Parkway.	In Discovery	Unknown at this time
Hernandez v. WGI Case No. 2020-CA-003441-XXXX-MB	15th Judicial Circuit Court, Palm Beach County	Traffic Accident	In Discovery	Unknown at this time
RESOLVED CASES				
Ranger Construction v. WGI Case No.: 50-2020-CA-002166-XXXX-MB	15th Judicial Circuit Court, Palm Beach County	Disputed claims for alleged breach of contract and professional negligence in connection with the design and construction of the SR-9/I-95 new interchange at St. Johns Heritage Parkway.	Settled	An amount less than \$5,000

Case	Courts	Summary	Status	Amount
WGI v. Ranger Construction Industries Case No.: 2018-CA-003131	15th Judicial Circuit Court, Palm Beach County	WGI filed suit for non-payment of professional fees due	Case dismissed with prejudice and no assignment of fault (2020)	\$0.00 as to WGI
Hernandez v. Dragados USA, Inc. et al., Case No. CACE18002189	17th Judicial Circuit Court, Broward County	Traffic accident within the limits of the Interstate 75 Express Lanes (Segment E) project	The case is ongoing but WGI was dismissed (2018)	\$0.00 as to WGI
Genovese v. FDOT, et al. Case NO.: 2013-CA-002467	19th Judicial Circuit Court, Saint Lucie County	Traffic accident on Kings Highway	Dismissed following settlement (2018)	Confidential
Astaphan v. Ranger Construction, Bob's Barricades, WGI, et al. Case No.- CACE-15-012992	17th Judicial Circuit Court, Broward County	Traffic accident on I-95	WGI obtained a summary judgment in its favor (2018)	\$0.00 as to WGI



Tab 5

References

5.1 | References



B. L. "Bo" Hightower
Central Piedmont Community College
Director of Facilities
p. 704.330.6234
e. bo.hightower@cpcc.edu

Project:
CPCC Decks 1,2,3 and 4 Repairs



Alex Rosser, PE
Piedmont Triad Airport Authority
Director of Planning and Engineering
p. 336.665.5600
e. rossera@gsair.org

Project:
JFK Plaza Restoration of Parking Garage



Michael Nichols
Goldman Sachs
Next Parking Asset Manager
p. 847.881.2000
e. mnichols@nextrealty.com

Project:
Charlotte Courtyard Garage Repairs



Randy Cook, AIA
Atrium Health
Corporate Service Group
p. 980.422.1585
e. Randy.Cook@atriumhealth.org

Project:
Atrium Health Parking Decks Repairs



Larry Stinar
Foundry Commercial
Senior Chief Engineer
p. 704.900.9792
e. larry.stinar@foundrycommercial.com

Project:
Charlotte Plaza Parking Deck Repairs



Tony Auten
Cousins Properties
Senior Chief Engineer
p. 704.634.6634
e. tauten@cousins.com

Project:
BOA Plaza Parking Deck Repairs



Dona Becker
JLL
Sr. General Manager
p. 612.449.3692
e. donna.becker@am.jll.com

Project:
River Place Parking Garages Repairs



Tab 6

Minority Business Participation Plan

6.1 | Description of plan

WGI is not a minority business enterprise (MWBE); however, we have a proven record of being an MWBE-friendly firm and consistently exceed expectations in MBE, WBE, DBE, and SLBE participation on our projects. Many of our existing and past contracts with local, state, and federal agencies have minimum goals established. We understand this is a priority to Guilford County and we will make a good faith effort to exceed Guilford County MWBE goals. To meet Guilford County goals for MWBE participation, we have included the following MWBE subconsultants on our team.

Subconsultant's Name	Description of Services	MWBE Type	Projected Utilization
BBFoster Consulting PC	Engineering Services: <ul style="list-style-type: none"> ▪ QA/QC ▪ Constrution Administration 	Minority and Women's Owned	20%
Stewart Engineering, Inc.	Engineering Services: <ul style="list-style-type: none"> ▪ Testing/ Special Inspections 	Minority Owned	5%
		Total:	25%

WGI is committed to exceeding Guilford County's MWBE participation goal by allocating 25% of the overall project workload to our subconsultants.

6.2 | Past MWBE participation on parking deck related projects

WGI has achieved the following MWBE participation for parking deck related projects in the past 5 years.

Project Name	MWBE Utilization
Charlotte Mecklenburg Government Center Parking Deck Expansion Study	50%
Lynx Blue Line Extension University City Parking Deck	60%
Lynx Blue Line Extension JW Clay Parking Deck	60%
Lynx Blue Line Extension UCB Parking Deck	60%
UNCC Parking Deck H	50%

6.3 | WGI commitment

WGI is commitment to include MWBE firms to perform services related to the projects we are assigned and to do so at every opportunity, while working with the most highly qualified and experienced firms to maintain Guilford County's high expectations.

Many of our existing and past contracts with local, state, and federal agencies have minimum goals established and we always strive to exceed those goals. We partner with our clients to ensure minority and small firms have opportunities to secure work.

Furthermore, WGI embraces this same spirit internally through our Core Values – Passion for People, Be the Change You Seek, and Commit to Greatness! The entire WGI Team will ensure diversity, equity, and inclusion (DE&I) is embodied in all three values – built on a foundation of ethics and integrity.

WGI'S CORE VALUES AND VISION

Creatively transforming how our world is envisioned, designed, and experienced.



PASSION
for People



Be the
CHANGE
You Seek



COMMIT
to Greatness

6.4 | WGI proposed MWBE goals for the targeted project

For the A/E portion of the project WGI is committed to a goal of at 25% MWBE participation as described on section 6.1. For the construction and repair portion of the project. WGI is committed in assisting Guilford County and the selected restoration contractors to find qualified MWBE sub-contractors.

MWBE Certificates



STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

January 13, 2021

BBFOSTER CONSULTING PC
2618 A BATTLE GROUND AVE 246
GREENSBORO, NC 27408

SUBJECT: Approval of DBE Certification Review

Dear BELLANDRA FOSTER, PH.D. PE,

The annual review of your Disadvantaged Business Enterprise (DBE) certification has been approved by the North Carolina Department of Transportation.

In order to remain as an eligible DBE firm, you will be required to submit a declaration of no change to this office by your anniversary date of **October 31, 2021**.

Failure to submit the declaration with appropriate supporting documentation on an annual basis will result in removal of your firm's DBE certification. The declaration will attest to the fact that no changes have occurred affecting your status as a Disadvantaged Business Enterprise, and that your personal net-worth has not exceeded \$1.32 million as required by federal regulations for economically disadvantaged individuals.

Should you experience any changes in ownership, management responsibility, specialty, address, email address, and/or telephone numbers, you are required to notify this office in writing within thirty (30) days of the change. Failure to inform this office of a change may result in removal of your firm's DBE certification status.

Please note that to work for the North Carolina Department of Transportation, you must be pre-qualified. Contact the Contractual Services Management Section at (919) 707-4800 for more information about pre-qualification.

Thank you for participating in the Disadvantaged Business Enterprise program. If you have any questions, please call my direct line (919) 508-1941.

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
1511 MAIL SERVICE CENTER DRIVE
RALEIGH, NC 27699-1511

Telephone: 919-602-5569
Customer Service: 1-877-368-4968
Website: ncdot.gov

Location:
750 GREENWAY PARKWAY
GARNER, NC

27529

MWBE Certificates



North Carolina
Department of Administration
Office for Historically Underutilized Businesses

Machelle Sanders
Secretary

Tammie Hall
Director

May 12, 2020

Bellandra Foster, Ph.D., Pe
BBFoster Consulting, PC (Minority Owned)
2618-A Battleground Avenue
#246
Greensboro, Nc, NC 27408

Dear Bellandra Foster, Ph.D., Pe:

The Office for Historically Underutilized Businesses (HUB Office) is pleased to inform you that your company is now certified as a Historically Underutilized Business. Your firm is listed in the Statewide Uniform Certification (SWUC) Program database. This certification will remain in effect for four (4) years from the date of this letter.

You must notify the HUB Office in writing within 30 days of any changes affecting your compliance with SWUC Program eligibility requirements, including changes in ownership, day-to-day management and operational control. Failure to notify the HUB Office of these changes or reapply for certification in a timely manner may cause your HUB Certification to be revoked. In addition, please be advised your status may be changed if there is a 3rd party challenge granted against your firm. The link to the HUB Office 3rd party challenge form can be located at <http://www.doa.nc.gov/hub/documents/ThirdpartyEligibilityChallengerev080811.pdf>. All information submitted to the Office for Historically Underutilized Business is subject to audit and review.

The HUB Office collaborates with local Minority/Women/Small Business (M/W/SBE) Offices who offer assistance to certified HUB firms with identifying contract opportunities with state and local government. Many of these offices also offer assistance with business development. Please visit our website at <http://www.doa.nc.gov/hub/programs.aspx?pid=swuc> to locate the local office near you. Another great resource is the Small Business and Technology Development Center at www.sbtcd.org for free personalized business assistance and counseling.

It is important to note that although your status as a certified HUB firm greatly improves your access to state and local government contracts, this certification does not guarantee contract awards. Your ability to research opportunities and bid competitively will be important to your success in this program. We are committed to assisting you through the process with the completion of the Preliminary Business Development and Supportive Services Assessment Survey, located on the HUB Office website under the Certification Tab. The information will provide an overview of your company which will assist us in appropriately aligning contract opportunities that you are ready, willing and able to pursue.

Thank you for your interest and participation in the SWUC Program as a Historically Underutilized Business firm with the State of North Carolina.

Sincerely,
Tammie Hall

Tammie Hall
Director

State of North Carolina | Office for Historically Underutilized Businesses
116 West Jones Street, Suite 4109 | 1336 Mail Service Center | Raleigh, NC 27699-1336
(919) 807-2330 T

MWBE Certificates



North Carolina
Department of Administration
Office for Historically Underutilized Businesses

Machelle Sanders
Secretary

Tammie Hall
Director

March 26, 2019

Denise Southerland
STEWART ENGINEERING INC (Minority Owned)
223 S. West Street
Suite 1100
Raleigh, NC 27603

Dear Denise Southerland:

The Office for Historically Underutilized Businesses (HUB Office) is pleased to inform you that your company is now certified as a Historically Underutilized Business. Your firm is listed in the Statewide Uniform Certification (SWUC) Program database. This certification will remain in effect for four (4) years from the date of this letter.

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Thank you for your interest and participation in the SWUC Program as a Historically Underutilized Business firm with the State of North Carolina.

Sincerely,
Tammie Hall

Tammie Hall
Director

State of North Carolina | Office for Historically Underutilized Businesses
116 West Jones Street, Suite 4109 | 1336 Mail Service Center | Raleigh, NC 27699-1336
(919) 807-2330 T



Tab 7

Addendum Acknowledgment Form



Attachment 3

ADDENDUM ACKNOWLEDGEMENT

Government Plaza and BB&T Building Parking Deck Repairs

Title of Project

20033

Bid Number

Receipt of the following Addendum is acknowledged:

Addendum no. 1 Date 8/9/2021

Addendum no. 2 Date 8/10/2021

Addendum no. _____ Date _____

Addendum no. _____ Date _____

Addendum no. _____ Date _____

Signature: Luan D. Sanchez Date: 8/18/2021

Title Project Manager

WGI, Inc.

Name of Firm

Juan Sanchez, PE

Juan.Sanchez@wginc.com

14045 Ballantyne Corporate Place
Suite 380
Charlotte, NC 28277

704.716.8000

WGInc.com

