

The background image shows a concrete bridge spanning a grassy field. In the distance, a water tower is visible against a cloudy sky. The image is overlaid with a large orange triangle on the left and a blue triangle at the bottom right.

# **Town of Holden Beach**

Statement of Qualifications  
for Professional Design and  
Consulting Services for Block Q



Shaping  
Communities  
Together®



# Table of Contents

	Cover Letter.....	1
01	Firm Overview .....	2–3
02	Key Personnel.....	4–10
03	Relevant Project Experience .....	11–19
04	Coastal Park Related Experience .....	20–21
05	Key Considerations.....	22–23

## PREPARED FOR

Heather Finnell, Town Clerk  
Town of Holden Beach  
110 Rothschild Street  
Holden Beach, NC 28462

## PREPARED BY

McGill Associates, PA  
712 Village Road SW, Suite 103  
Shallotte, NC 28470  
910.755.5872  
[mcgillassociates.com](http://mcgillassociates.com)



June 24, 2022

Heather Finnell, Town Clerk  
Town of Holden Beach  
110 Rothschild Street  
Holden Beach, NC 28462

RE: Statement of Qualifications  
Professional Design and Consulting Services – Block Q  
Town of Holden Beach

Dear Heather Finnell:

McGill Associates, PA (McGill) is truly thankful for the opportunity to have assisted the Town of Holden Beach with the Parks and Recreation Master Plan that allowed for consideration of public-use facilities throughout the island. We are pleased to offer additional assistance in the site-specific planning efforts for the recently acquired properties, known as Block Q.

It is our hope you found McGill fully dedicated to quality service, as we always strive to be a valuable and trusted partner on every project. We are familiar with the current public uses around the project area and can help you facilitate further public engagement, offering guidance as we work with you to determine the full extent of design features to maximize the benefits.

McGill's team offers extensive expertise in landscape architecture and recreational design projects, grants, coastal management, and construction administration services. With our depth and breadth of resources, we can help address all aspects of your project planning needs. We propose to utilize existing relationships with key talented subconsultants – Ardurra, Ramey Kemp and Associates, Coastal Geomatics, and Sawyer Sherwood and Associates – on an as-needed basis for support in structural engineering, traffic analysis, land surveying, and architectural specialties.

McGill is well positioned to assist the Town of Holden Beach in achieving its goals and objectives, but our interest in this project goes beyond the gratification of serving the community and continuing our relationship. We are devoted to bettering the livelihoods of local communities and have a vested interest in the Town of Holden Beach. We take pride in serving your needs and thank you for your consideration. Feel free to reach out by email ([michael.norton@mcgillassociates.com](mailto:michael.norton@mcgillassociates.com)) or phone (910.755.5872) if I may be of any assistance as you consider our qualifications.

Sincerely,  
MCGILL ASSOCIATES, PA

A handwritten signature in blue ink, appearing to read 'Michael Norton', with a stylized flourish at the end.

MICHAEL NORTON, PE  
Principal / Shallotte Office Manager

# 01 | Firm Overview

## Contacts

### Michael Norton, PE

Principal / Shallotte Office Manager  
michael.norton@mcgillassociates.com  
910.755.5872

### Mike Norris, PLA

Director of Land Planning and Recreation  
mike.norris@mcgillassociates.com  
828.328.2024

## Brief History of Firm

McGill Associates, PA (McGill) was founded in 1984 in Asheville, North Carolina. The firm has grown over the past 38 years to include 7 other offices in Hickory, Pinehurst, Raleigh, Shallotte, and Smithfield, North Carolina; as well as Knoxville, Tennessee; and Williamsburg, Virginia. McGill has stayed true to our commitment made when the firm was founded — to always provide quality and responsive service to our clients. We help our clients identify challenges, formulate responsive solutions, and manage successful project completion. Through partnership, we shape the best results for each client and community.

## At a Glance

Legal Name: McGill Associates, PA  
Incorporated / Year: 1984  
Business Type: Corporation  
Number of Offices: 8  
Number of Employees: 150

## Office Locations



### Local Office:

712 Village Road SW, Suite 103, Shallotte, NC 28470  
910.755.5872

## What We Do



Land Planning and Recreation



Water and Wastewater



Civil Engineering



Water Resources



Solid Waste



Electrical Engineering



Mechanical, Electrical, and Plumbing



Surveying and Construction



Environmental



Consulting Services



# Subconsultants

Moving forward.



**Ramey Kemp and Associates,  
Inc. (RKA)**  
**Services for this Project:** Traffic

## Contact

**Jay Clapp, Jr., PE, PTOE**  
**Senior Transportation Engineer**  
jclapp@rameykemp.com

## Office Location

621 Jonestown Road, Suite 221,  
Winston-Salem, NC 27103  
336.631.4458 | rameykemp.com

RKA is an employee-owned firm founded in 1992 with a mission to provide a professional transportation consulting experience to satisfy clients. RKA's success is due to its focus on client needs and ability to deliver a quality experience for everyone involved. The firm's culture is one of ownership — ownership of the company, profession, and employee's personal lives.



**Coastal Geomatics, PLLC**  
**Services for this Project:**  
Surveying

## Contact

**Chris Stanley, Owner / Manager**  
chris@coastalgeomatics.com

## Office Location

5041 Main Street, Unit 3  
Shallotte, NC 28470  
910.356.1800 | coastalgeomatics.com

The mission at Coastal Geomatics is simple: to provide high-quality services for its valued clients. The Coastal Geomatics team goes above and beyond to cater to each project's specific needs. Through open communication and exceptional service, clients find what they are looking for with the firm's land surveying and mapping services.



**Ardurra**  
**Services for this Project:** Structural

## Contact

**Jeff Troutman, PE, SECB**  
**Senior Project Manager / Structural Engineer**  
jtroutman@ardurra.com

## Office Location

3809 Peachtree Avenue, Suite 102  
Wilmington, NC 28403  
910.297.4049 | ardurra.com

Ardurra provides comprehensive structural engineering for a broad range of commercial, public, civil works, and institutional projects. The firm works across a variety of building types, including office, education, industrial, residential, government, pharmaceutical, and healthcare, as well as transportation, flood control / hydraulic, and public works facilities.



**Sawyer Sherwood and Associates  
Architecture**

**Services for this Project:** Architectural

## Contact

**Doug Sherwood, AIA, Vice President**  
doug@s2a3.com

## Office Location

124 Market Street  
Wilmington, NC 28401  
910.762.0892 | s2a3.com

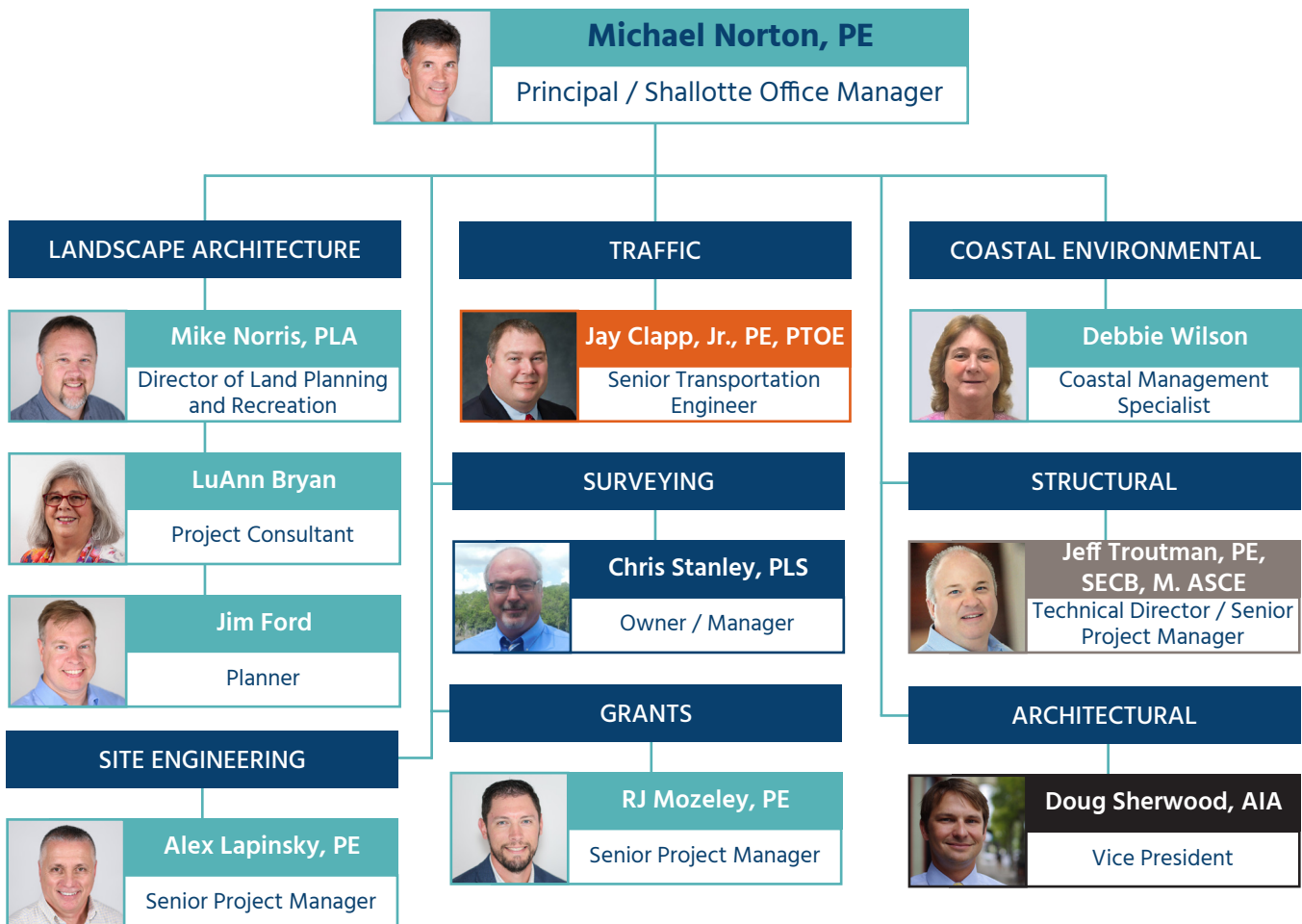
Sawyer Sherwood and Associates Architecture has been a full-service architectural firm located in Wilmington since 1981 (operating previously under the name John Sawyer Architects). The firm has a strong reputation for high-quality design and comprehensive services, as well as an active commitment to clients and their projects.

## 02 | Key Personnel

### Team Overview

Our goal in assembling the proposed team is matching the individual and team qualifications with the expertise and experience appropriate for this project. Our comprehensive team approach is particularly appropriate for projects where coordination, scheduling, and efficiency are important considerations.

- McGill
- RKA
- Coastal Geomatics
- Ardurra
- Sawyer Sherwood and Associates Architecture





## Michael Norton, PE

### Principal / Shallotte Office Manager

Michael Norton is a lifelong resident of southern Brunswick County. He has many years of professional engineering and management experience in the public utilities industry and private engineering sector. Michael has extensive training and experience in project management; business planning; site and infrastructure planning; and cooperative efforts with regulatory, public, and private entities.

#### Professional Licensure

PE: NC #025856, SC #23041

#### Related Experience

- Marker 55 Stormwater Improvements, Town of Holden Beach
- Ocean Isle Beach Town Center Park, Town of Ocean Isle Beach
- Brunswick Waterway Park, Brunswick County
- Waterfront Park Master Site Plan Development, Town of Calabash
- Sunset Boulevard North Multiuse Trail, Town of Sunset Beach
- Sunset Boulevard Streetscape, Town of Sunset Beach
- Recreation Master Planning Services, Town of Holden Beach

#### Education

MBA, East Carolina University

BS, Mechanical Engineering, North Carolina State University

#### Professional Associations

- PENC
- SESWA



## Mike Norris, PLA

### Director of Land Planning and Recreation

Mike Norris is an award-winning landscape architect with extensive experience in landscape and gateway design services. His experience includes projects of all sizes, working with community groups, municipal staff, city and county boards, and special interest groups to gain approval for a multitude of projects. Mike aims to maintain cultural, historical, and sustainable aspects in each of his design endeavors. He embraces the full-circle concept and strives to create designs that satisfy the needs of the stakeholders, users, and owners. Under Mike's leadership, the land planning and recreation team has won several awards for landscape architecture projects.

#### Professional Licensure

PLA: NC #1048, SC #1016

#### Related Experience

- Recreation Master Plan, Town of Holden Beach
- Ocean Isle Beach Town Center Park, Town of Ocean Isle Beach
- Brunswick Waterway Park, Brunswick County
- Waterfront Park Master Site Plan Development, Town of Calabash

#### Education

BLA, North Carolina State University

BA, Environmental Design in Architecture, North Carolina State University

#### Professional Associations

- NCRPA
- TNRPA





### Education

MPA, East Carolina University

MS, Recreation Resources, North Carolina State University

BS, Parks, Recreation, and Conservation Administration, East Carolina University

## LuAnn Bryan

### Project Consultant

Through her 43-year career in parks and recreation, LuAnn Bryan has developed a deep knowledge of and a diverse mix of experience in the profession. In the last 20 years, LuAnn worked in multiple recreation sources positions, spanning from greenway planner to recreation director. She has worked on a variety of projects, including master plans, trail design (up to 47-mile long trails), pocket parks, school parks, downtown parks, major athletic complexes, aquatic facilities, and recreation centers (0.5-acre projects all the way up to 1,000-acre projects). LuAnn has significant experience talking with and relating to citizens and local leaders of communities, which she has found to be essential for project success.

### Related Experience

- Recreation Master Planning Services, Town of Holden Beach
- Town Center Park Master Plan Update and PARTF Grant Application, Town of Ocean Isle Beach
- Comprehensive Land Use and Parks and Recreation Master Plan, Brunswick County



### Education

MS, Landscape Architecture, Florida Agricultural and Mechanical University

BS, Physical Education and Sports Management, Florida State University

### Certification

- Occupational Safety

## Jim Ford

### Planner

Jim Ford is an experienced planner who creates sustainable designs through environmentally conscious open-space and low-impact development concepts. He has attained LEED Gold and Platinum designations for numerous landscape plans. Jim serves public interests through quality landscape design and ecologically sensitive planning to help protect and restore native habitats, improve water and air quality, and provide educational opportunities for persons of all ages. His professional focus includes technical and site detailing, plants and ecology, parks planning, and site design and building material use. Having a great deal of experience in graphic layout and design, Jim excels at producing high-quality hand - and computer-generated presentations.

### Related Experience

- Recreation Master Planning Services, Town of Holden Beach
- Ocean Isle Beach Town Center Park, Town of Ocean Isle Beach
- Brunswick Waterway Park, Brunswick County
- Waterfront Park Master Site Plan Development, Town of Calabash
- Comprehensive Land Use and Parks and Recreation Master Plan, Brunswick County



## Alex Lapinsky, PE

### Senior Project Manager

With over 42 years of experience, Alex Lapinsky brings extensive interpersonal skills and engineering knowledge to the team and maintains critical thinking skills that are essential to providing competent and accurate engineering services. Always willing to learn new skills and techniques, he is practiced in multiple civil engineering services, including feasibility studies, environmental assessments, conceptual engineering reports, site selection and analysis studies, site utilities design, wetland mitigation, traffic control and circulation, curbing and sidewalks, site lighting, stormwater management, soil erosion and sedimentation control, underground fuel storage and distribution, highway design, and water and wastewater systems.

#### Education

BS, Civil Engineering  
Technology, University of  
Pittsburgh at Johnstown

#### Specializations

- Construction management
- Stormwater management
- Highway design
- Water systems

#### Professional Licensure

PE: NC #042192, PA #PE032708E

#### Related Experience

- Muse Park, City of Boiling Spring Lakes
- Ocean Isle Beach Town Center Park, Town of Ocean Isle Beach
- Price Landing Park Master Plan, Town of Shallotte
- Founders Park Site Development Plans and Master Stormwater Plan



## Jay Clapp, Jr., PE, PTOE

### Senior Transportation Engineer – RKA

Jay Clapp has over 24 years of experience in traffic engineering and project management. His responsibilities include managing transportation projects from inception to completion, including scoping and budgeting. Additionally, Jay is individually pre-qualified with the congestion management section of the North Carolina Department of Transportation (NCDOT) for capacity analysis (intersections, corridors, and roundabouts), and traffic impact analysis (TIAs).

#### Education

BS, Civil Engineering,  
North Carolina State  
University

#### Specializations

- Congestion management
- Capacity analysis
- Traffic impact analysis

#### Professional Licensure

PE: NC #28379, SC #26492, VA #44355, GA #PE035748, TN #0114116;  
PTOE #2383

#### Related Experience

- NCDOT U-4742MA Bermuda Run Gate Study and Design, Town of Bermuda Run
- Phase 1 Trivium Corporate Center, City of Hickory



## Chris Stanley, PLS

### Owner / Manager – Coastal Geomatics

Chris Stanley has over 25 years of experience in the surveying industry in both the private and public sectors. He has provided boundary, topographic, wetland, as-built, highway construction, site construction staking, subdivision development, annexation surveys, legal descriptions, title research, easement acquisition, beach monitoring, and hydrographic surveys. Chris has performed numerous Coastal Area Management Act (CAMA) surveys and is very familiar with the permitting process. He has an extensive background with AutoCAD Civil 3D Software, allowing for the collection of raw field data and efficiently translate the data into then usable information necessary for civil engineering design.

#### Professional Licensure

PLS: NC #3387

#### Related Experience

- Holden Beach Pier Boundary and As-built Survey, Town of Holden Beach
- As-built Survey of Public Bathroom and Gazebo – Block Q Area, Town of Holden Beach
- Beach Renourishment Studies, Town of Holden Beach

#### Specializations

- Boundary surveys
- Utility route surveys
- Topographic surveys
- Wetland delineation surveys
- Easement surveys
- GIS data acquisition
- Construction staking



## RJ Mozeley, PE

### Senior Project Manager

RJ Mozeley oversees McGill's financial services team. This team researches funding opportunities through many different agencies seeking to pair our clients' projects with the best funding available. RJ and the financial services team also assist communities in applying for funding, and administer various grants from state and federal programs. He is certified to provide all environmental documentation to North Carolina Department of Environmental Quality (NCDEQ) for Community Development Block Grant-Infrastructure (CDBG-I) funded projects.

#### Professional Licensure

PE: NC #037937

#### Related Experience

- Sanitary Sewer System Study, Town of Holden Beach
- Downtown Park Improvements, Town of Valdese
- Bost Lumber ARC Grant, City of Lenoir
- Various Grant Support, Town of Autryville
- Wilson Industrial Park Project, Orange County
- Indian Creek Industrial Park Water and Sewer Study, Lincoln County

#### Education

BS, Civil Engineering,  
North Carolina State  
University

#### Professional Associations

- NC One Water
- WEF

#### Specialization

- Funding assistance





### Education

BS, Environmental Studies,  
University of North  
Carolina at Wilmington

AAS, Business, Solano  
Community College

### Specializations

- Permitting
- CRC rules and policies
- CAMA

## Debbie Wilson

### Coastal Management Specialist

Debbie Wilson joined McGill in 2020. She retired as District Manager of the North Carolina Division of Coastal Management in 2019, following more than two decades in various related roles. As McGill's coastal management specialist, she brings a strong working knowledge of state and federal permitting programs, especially those related to coastal land and marine development activities. Debbie had oversight for implementation and enforcement of the Coastal Resources Commission's (CRC) rules and policies for coastal development pursuant to the North Carolina CAMA. Prior to working for the North Carolina Division of Coastal Management, Debbie acted as the Assistant Chief Zoning Officer / CAMA Local Permit Officer for New Hanover County.

### Related Experience

- Price Landing Park Master Plan, Town of Shallotte
- Waterfront Park Master Plan, Town of Calabash
- Land Use and Parks and Recreation Master Plans, Brunswick County
- Public Emergency Use Dock, Pier, and Boat Lift, Town of Ocean Isle Beach



### Education

BS, Civil Engineering,  
North Carolina State  
University

### Professional Associations

- NSPE
- PENC
- ASCE
- AISC
- SAME

## Jeff Troutman, PE, SECB

### Technical Director / Senior Project Manager – Ardurra

Jeff Troutman is responsible for planning and complete design plans, specifications, cost estimates, bid documents, and construction administration for a variety of projects and facilities.

### Professional Licensure

PE: NC #22567, SC #18406, VA #31579, FL #57751, GA #27246

### Related Experience

- Brunswick Waterway Park, Town of Holden Beach
- Riverfront Boardwalk, Town of Shallotte
- Price Landing Master Plan, Town of Shallotte
- Waterfront Park Master Plan, Town of Calabash
- Greenfield Lake Paddle Boat Bulkhead, Walkway and Dock Replacement, City of Wilmington
- Greenfield Lake Paddle Boat Bulkhead, Walkway and Dock Replacement, City of Wilmington
- Godwin Athletic Field – Grandstand Structural Repairs, City of Wilmington



## Doug Sherwood, AIA

### Vice President – Sawyer Sherwood and Associates Architecture

Doug Sherwood has 19 years of experience in the architecture field. In his role, he focuses on design and coordination with consultants, as well as construction documentation.

#### Professional Licensure

AIA: NC #10075

#### Education

BA, Architecture, Louisiana  
Tech University

#### Professional Associations

- AIA
- NCA

#### Related Experience

- The Brunswick Center at Calabash, Town of Calabash
- Public Works and Fire Station #2 Facilities Assessment, Town of Sunset Beach
- Ash-Waccamaw Emergency Services Facility, Brunswick County
- Echo Farms Park, New Hanover County
- Hanover Pines Nature Park, New Hanover County
- Maides Park and Davis Recreation Center, City of Wilmington



Block Q – current conditions



## 03 | Relevant Project Experience



### Recreation Master Plan

#### Town of Holden Beach

The Town of Holden Beach Comprehensive Parks and Recreation Master Plan 2021-2031 provides the framework for guiding the Town of Holden Beach Board and staff. The Master Plan lays out a set of strategies for expanding and developing a safe, convenient, and usable park system. The Master Plan considers data collected from community workshops, recreation survey findings, analysis of projected demand, service area analysis, and Town Staff input as the primary guides in prescribing the current and future recommendations for the Town's parks and recreation development. Solutions to improving recreation in Holden Beach include not only providing facilities and amenities that residents desire and need, but also considering where such facilities and amenities should be located. The plan also assesses the study area, analyzes the existing facilities, reviews recreation standards, develops recommendations, and provides strategies for implementing the recommendations and suggests possible funding opportunities. The Master Plan is an extensive document to be used in the improvement and enhancement of the park system for the Town of Holden Beach.

#### Client Reference

David Hewett  
Town Manager  
910.842.6488

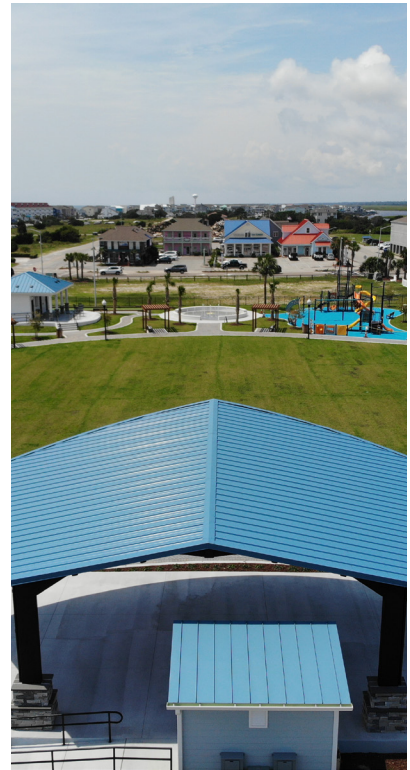
#### Completion Date

2021

#### Project Highlights

- Master Plan
- Park design
- Public input
- Analyzes the existing facilities
- Review recreation standards
- Develop recommendations, and provides strategies for implementing the recommendations
- Suggest possible funding opportunities





# Ocean Isle Beach Town Center Park

## Town of Ocean Isle Beach

Through community input and close coordination with Town of Ocean Isle Beach staff, McGill created multiple design alternatives for the 1.7-acre Ocean Isle Beach Town Center Park, as part of its master plan design phase in 2017. Key amenities include a stage venue for concerts, festivals, and movies in the park; interactive fountain; arbor shade structures with benches and bench swings; restroom facility; playground area; walking path; fitness station; bike racks; bocce court; and drive and parking improvements, including electric vehicle stations.

The final park design includes aesthetically appropriate landscaping that fits the coastal surroundings of Ocean Isle Beach. As part of this project, McGill worked with the Town to prepare a North Carolina Parks and Recreation Trust Fund (PARTF) grant application, and a \$500,000 matching award was received. The project design phase was recently completed and included engineering design plans and permitting approvals related to coastal stormwater, erosion control, water, sewer, and North Carolina Department of Transportation (NCDOT).

### Client Reference

Daisy Ivey  
Town Administrator /  
Finance Officer  
910.579.2166

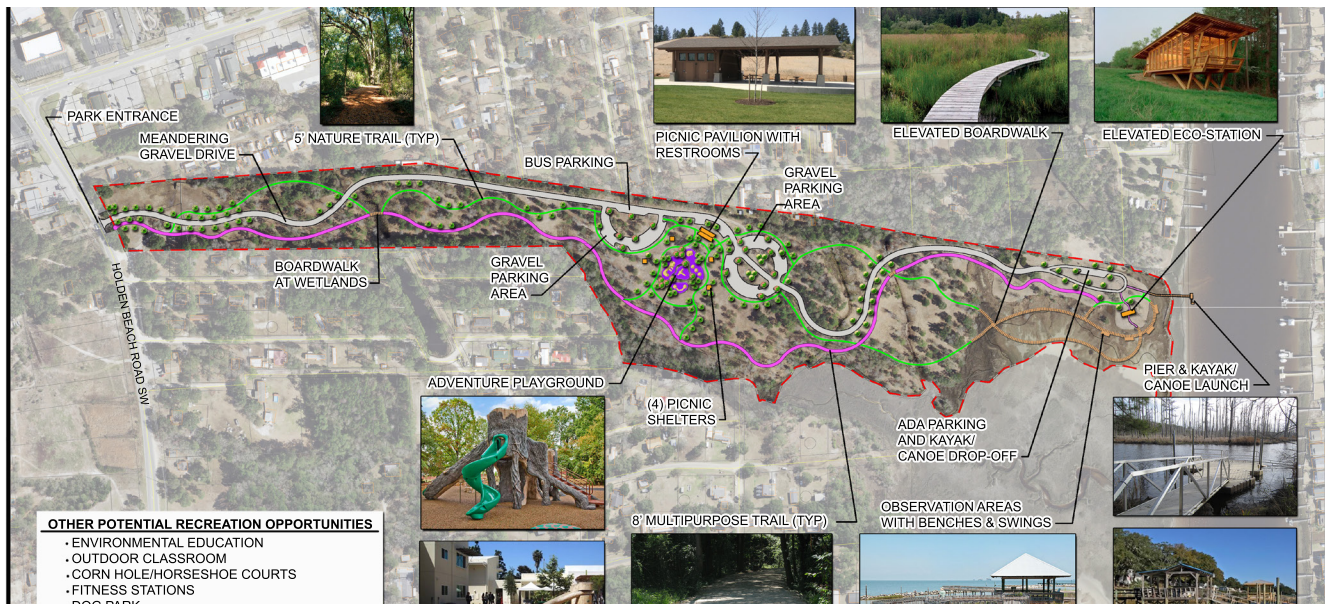
### Completion Date

2020

### Project Highlights

- Walking trail
- Fitness stations
- Athletic fields
- Restrooms
- Concessions
- Parking and drive improvements
- 404 wetland evaluations and re-certifications





# Brunswick Waterway Park

## Brunswick County

Brunswick County's Waterway Park will be constructed on a 35-acre parcel, located on the Atlantic Intracoastal Waterway (AIWW) near Holden Beach. McGill not only developed the Master Plan for this passive recreational park facility, but also completed the engineering design and permitting, and will be assisting with construction phase support. McGill completed plan submittals for permitting associated with stormwater, erosion control, NCDOT, public water, on-site septic, wetlands, and CAMA. Ardurra provided structural and marine design and construction phase services.

The County secured North Carolina Division of Coastal Management grants to help fund this unique project. Park amenities include a pier and dock; kayak facility on the AIWW; multiuse nature trails over uplands, as well as marsh and wetlands; County Greenway Trail connectivity; pavilion and restroom; picnic shelters; playground; and associated drives and parking.

### Client Reference

Aaron Perkins  
Parks and Recreation  
Director  
910.253.2676

### Completion Date

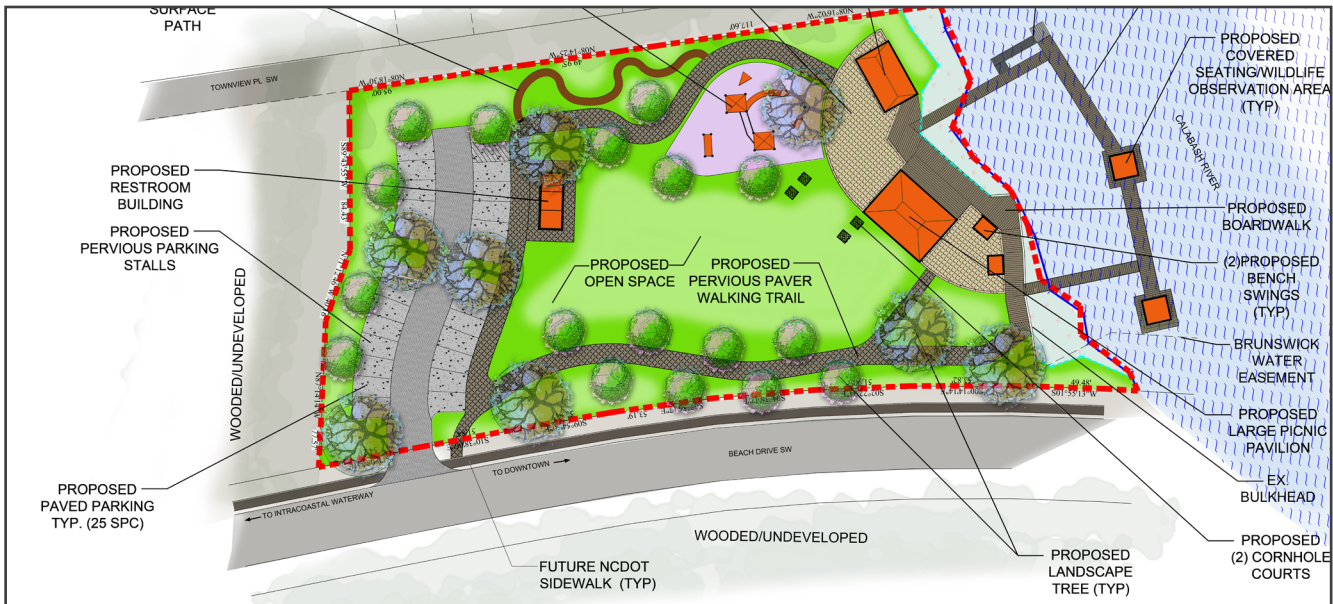
2018

### Project Highlights

- Master Plan
- Engineering design
- Permitting
- Construction administration
- Multi-use nature trails
- Trail connectivity
- Picnic shelters
- Pavilion and restroom
- Playground
- Parking







# Waterfront Park Site Master Plan Development

## Town of Calabash

McGill worked with the Town of Calabash to develop a System-Wide Comprehensive Master Plan for its parks and recreation facilities, as well as a Site-Specific Plan for its 1.5-acre tract, located on the Calabash River. This waterfront facility is intended to link with main sidewalk corridors using public pedestrian access additions along NCDOT's NC Highway 179 right-of-way, which is also part of Brunswick County's Greenway Corridor. The project will include a coordinated effort with NCDOT in constructing pedestrian multiuse walkway access adjacent to the planned bridge structure upgrades crossing the river in this location. Various public input sessions and Town meetings guided project evolution and PARTF grant funding was submitted for consideration in 2022. Construction is expected to begin in 2023.

### Client Reference

Chuck Nance  
Town Administrator  
910.579.6747

### Completion Date

2023 (anticipated)

### Project Highlights

- Coordination with NCDOT
- Comprehensive master plan
- Site-specific plan
- Waterfront pedestrian access
- Nature trail playground
- Pier and wildlife observation platform
- Canoe and kayak launch
- Picnic areas
- Parking areas
- Existing structures enhancements



# Subconsultant Projects

## Sawyer Sherwood and Associates Architectural

- Ocean Isle Park, Brunswick County
- Greenfield Park Amphitheater, City of Wilmington
- Portia Mills Hines Park, City of Wilmington
- Maides Park, City of Wilmington
- Wade Park, City of Wilmington
- Archie Blue Park, City of Wilmington
- Haliburton Park, City of Wilmington
- Hanover Pines Park, New Hanover County
- Echo Farms Park, New Hanover County
- Miller's Pond Park, Pender County

## Coastal Geomatics, PLLC

- Holden Beach Pier Boundary and As-built Survey, Town of Holden Beach
- As-built Survey of Public Bathroom and Gazebo – Block Q Area, Town of Holden Beach
- Scotch Bonnet Disposal Area Topographic Survey, Town of Holden Beach
- Canal Monitoring, Town of Holden Beach
- Beach Renourishment, Town of Holden Beach
- Post Hurricane Florence, Hurricane Michael, Hurricane Dorian, and Hurricane Isaias
- Eastern Extension of Block 17 – Easement, Town of Holden Beach
- Proposed Dog Park Boundary Survey, Town of Holden Beach
- 484 OBW Recombination Survey, Town of Holden Beach
- Turbidity Monitoring during dredging, Town of Holden Beach
- Wetland surveys for Heritage Harbour, Harbour Acres, Holden Beach Harbour, 812-824 OBW, and Tax Parcel 246BC01601
- Parking Lot Projects – Existing Conditions Survey, Town of Holden Beach



Portia Mills Hines Park, City of Wilmington

## Ardurra

- Phillips Park Shelter Renovation, City of Jacksonville
- Hallyburton Veterans Park PEMB Addition Foundation, New Hanover County
- Glover Park Bandstand Restrooms, City of Marietta, GA
- New Freestanding Restroom Building, Marietta Square, GA
- Design of Elevated Dockhouse and Public Restrooms and Bathhouse, Port City Marina, Wilmington
- Phillips Park Shelter Renovation, City of Jacksonville
- Fairview Park – New Timber Framed Buildings, Structures, and Pavilions, Henry County, Stockbridge, GA
- Hallyburton Veterans Park PEMB Addition Foundation, New Hanover County
- Restroom Building and Pavilion, Sweetwater Creek State Park
- Restroom Building and Pavilion, Russell State Park

## Relevant Project Samples Older Than Five Years



### Marker 55 Stormwater Improvements

#### Town of Holden Beach

In 2014, the Marker 55 community on the barrier island of Holden Beach was experiencing flooding within streets and common areas. This flooding extended into the Town of Holden Beach right-of-way along Brunswick Avenue. McGill assisted by providing the surveying, engineering design, and construction monitoring for improvements on both the Marker 55 community property, and the Town rights-of-way. Existing topography, swales, and culvert systems were analyzed as part of the evaluation, with suitable revisions designed and implemented for stormwater drainage improvements.

#### Client Reference

Ben Baker  
Marker 55 Community  
Representative  
920.231.1490

#### Completion Date

2015

#### Project Highlights

- Surveying
- Engineering design
- Construction monitoring





## Sunset Boulevard North Multiuse Trail

### Town of Sunset Beach

Sunset Boulevard connects the town hall government center and other mainland properties with bridge access to the island. In 2015, the Town of Sunset Beach began expanding their pedestrian access along this corridor, following the construction of a roundabout at the foot of the bridge. A portion of this access included a multiuse trail fronting a recently developed commercial center. McGill's Charlotte office prepared the necessary surveying and plan development for design, permitting, and construction of this path from Shoreline Drive to Station Trail. This included receipt of stormwater management approval through the NCDEQ and encroachment agreements through the NCDOT. Construction phase services were also provided.

#### Client Reference

Lisa Anglin  
Town Administrator /  
Town Clerk  
910.579.6297

#### Completion Date

2016

#### Project Highlights

- Design
- Permitting
- Surveying
- Trail design
- Plan development
- Construction administration
- NCDOT coordination







## Sunset Boulevard Streetscape

### Town of Sunset Beach

McGill's Charlotte office worked with the Town of Sunset Beach to complete engineering design and permitting associated with improvements along Sunset Boulevard. This redevelopment project improved the safety and conditions of existing pedestrian and vehicular traffic uses and also created a more aesthetically pleasing corridor along the causeway. Key components of the project were bike path additions, sidewalk modifications and additions, parking, lighting, landscaping, and access and egress improvements. Coordination and permitting needs with the Town, NCDOT, and NCDEQ Stormwater, Land Quality, and Coastal Management Divisions were needed to ensure appropriate permitting and certification. Our team created permeable pavers and infiltration basins to manage stormwater runoff.

#### Client Reference

Lisa Anglin  
Town Administrator /  
Town Clerk  
910.579.6297

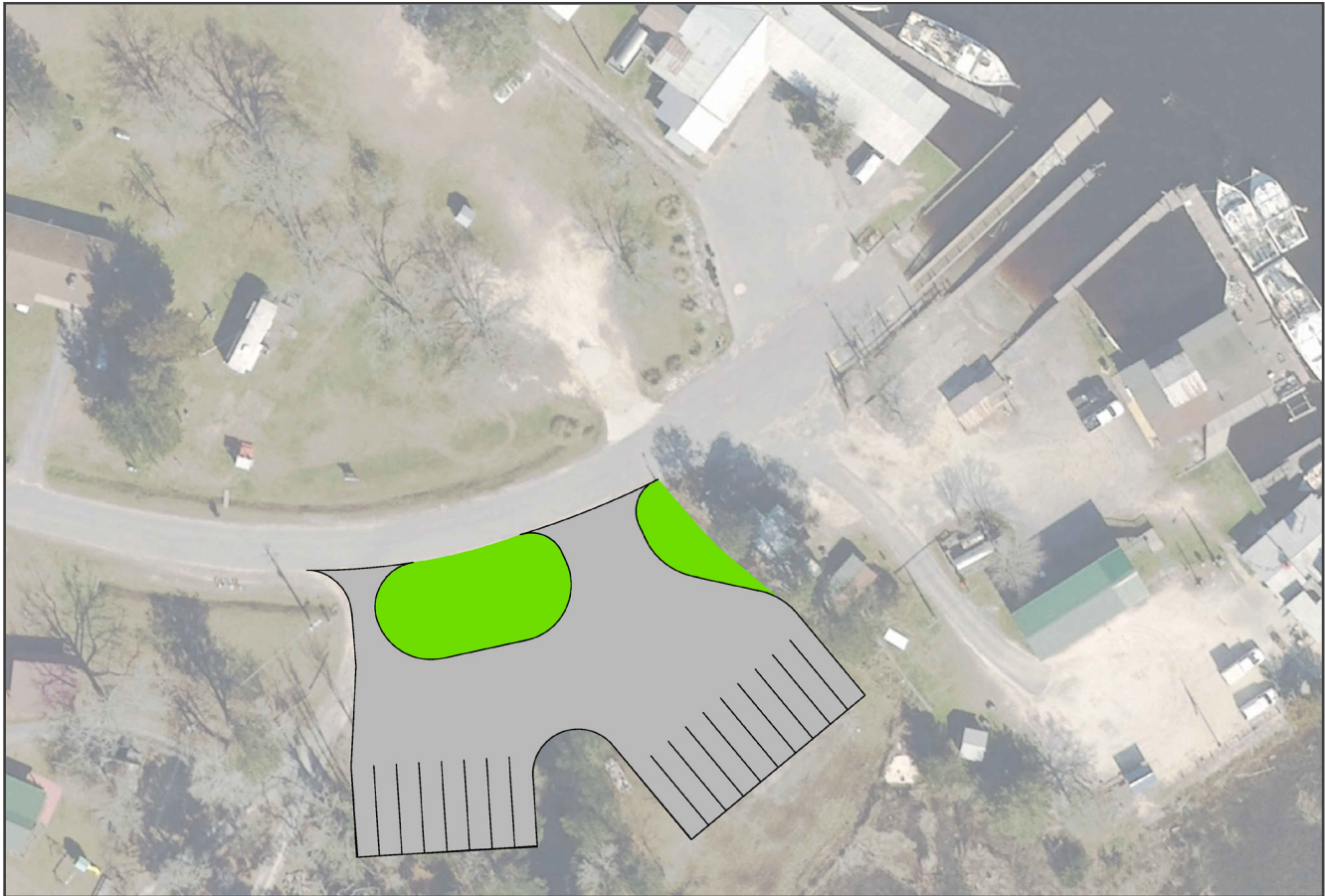
#### Completion Date

2014

#### Project Highlights

- Design
- Permitting
- Corridor enhancement
- Bike lanes
- Streetscape
- Pedestrian access
- Improved traffic flow
- Sidewalk modifications
- Parking
- Lighting
- Landscaping
- NCDOT coordination





## Boat Ramp Area Parking

### Town of Varnamtown

McGill staff provided consulting services to the Town of Varnamtown for redevelopment of a utilized land tract to better accommodate its predominant function as boat trailer parking in proximity to the Town boat ramp on the Lockwood Folly River. Prior use for parking and events was without an overall plan for access / egress and reasonable delineation of the area to guide maintenance and traffic flow. It was necessary to visit the site with representatives from the North Carolina Division of Coastal Management and United States Army Corps of Engineers given the adjacent jurisdictional wetland features to gain concurrence on limitations for maintenance boundaries. Roadside ditching was converted to piping and points of entry and exit were retrofitted with permitting through NCDOT.

#### Client Reference

Bill Kirby  
Mayor  
910.231.1354

#### Completion Date

2013

#### Project Highlights

- NCDOT encroachments for driveway and drainage improvements
- DCM - CAMA evaluations
- United States Army Corps of Engineers evaluations
- Access / egress evaluations for pedestrian vehicles and boat trailers



# 04 | Coastal Park Related Experience

## McGill's Coastal Park Experience

We have worked on various park projects in numerous coastal communities in North Carolina, listed below by client:

### Brunswick County

- Brunswick Nature Park
- Brunswick Waterway Park
- Comprehensive Land Use and Parks and Recreation Comprehensive Master Plan
- Ocean Isle Beach District Park
- Smithville Park
- Town Creek Park
- Waccamaw Park

### City of Boiling Spring Lakes

- Muse Park Redevelopment

### City of New Bern

- Martin Marietta Park

### City of Southport

- Taylor Field Park

### Pender County

- Comprehensive Recreation Master Plan

### Town of Calabash

- Comprehensive Recreation Master Plan
- Waterfront Park Master Plan

### Town of Holden Beach

- Comprehensive Recreation Master Plan

### Town of Leland

- Founders Park

### Town of Ocean Isle Beach

- Comprehensive Recreation Master Plan
- Town Center Park

### Town of Shallotte

- Comprehensive Recreation Master Plan
- Price Landing at Mulberry Park



Martin Marietta Park Conceptual Plan for the City of New Bern





Block Q – current conditions

## McGill's PARTF Projects

**McGill has assisted communities with North Carolina PARTF grants for nearly 20 years. Below is a list of some of our PARTF project experience.**

### Alexander County

- Rocky Face Park, Phase 2

### Ashe County

- Family Central Recreation Complex Expansion

### Brunswick County

- Town Creek Park

### Chatham County

- Northeast District Park
- The Park at Briar Chapel

### City of Bessemer City

- Stinger Park

### City of Boiling Spring Lakes

- Muse Park

### City of Concord

- Hector Henry Greenway

### City of Lenoir

- Mulberry Optimist Park Expansion

### City of Marion

- Catawba River Greenway 1
- Mount Ida Wilderness Area

### City of New Bern

- Martin Marietta Park

### City of Shelby

- City Park

### City of Southport

- Taylor Field Park

### City of Statesville

- Recreation Center

### Harnett County

- Government Complex Park

### Rutherford County

- Rutherford County Soccer Complex

### Town of Blowing Rock

- Memorial Park
- Recreation Center
- Robbins Memorial Swimming Pool

### Town of Forest City

- Cool Springs Gym
- Park Square Depot
- Thermal Belt Rail Trail

### Town of Hudson

- Optimist Park

### Town of Hoffman

- Town Park

### Town of Leland

- Founders Park

### Town of Lillington

- River Park

### Town of Ocean Isle Beach

- Town Center Park, Phases 1 and 2

### Town of Shallotte

- Price Landing at Mulberry Park

### Town of Siler City

- Bray Park Pool

### Town of Stanley

- Harper Park

### Town of Wilkesboro

- Cub Creek

### Yancey County

- Comprehensive Recreational Grounds 2

# 05 | Key Considerations



## Land Planning Experience

- Over 32 parks and recreation facility projects in Brunswick County
- Well versed in coastal land planning as well as stormwater management and treatment, including sedimentation and erosion control measures
- Multiple access-egress and parking – related investigations in Brunswick County, including use within NCDOT rights-of-way and other public lands



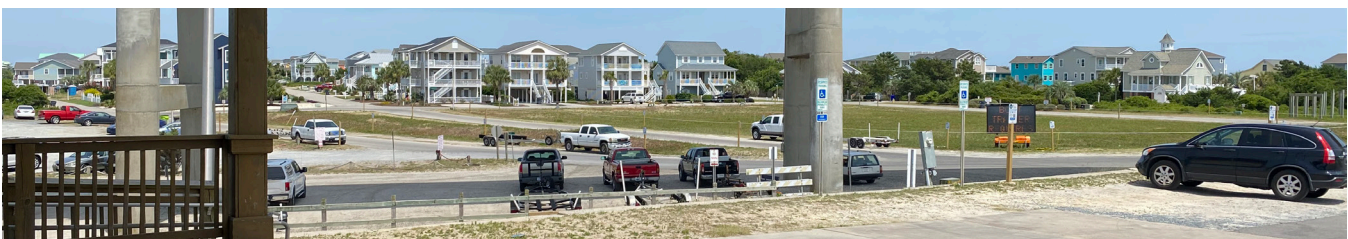
## Regulatory Experience

- NCDOT encroachments for roads, pavement improvements, parking, bike lanes, landscaping, multiuse trails, sidewalks, signs, water, sewer, fencing, stormwater infrastructure and driveways
- NCDEQ coastal permitting for stormwater, sedimentation and erosion control, water, sewer, CAMA related projects, and water resources – related projects
- United States Army Corps of Engineers (USACE) projects related to wetlands and waters
- Numerous site and utility permits within the County of Brunswick and various municipalities, including Town of Holden Beach



## Client Investment

- Decades of experience working in and around Holden Beach
- Team personnel with multiple generations of family residing in Holden Beach area
- Coastal management specialist on staff
- Public grant specialists on staff
- Multi-disciplined engineers and landscape architects on staff
- Our staff's structural engineer has been involved in ocean pier and pier house assessments and designs and has completed many assignments in Brunswick County and on the island of Holden Beach
- Our staff has completed relevant site surveying in the project area



Block Q – current conditions

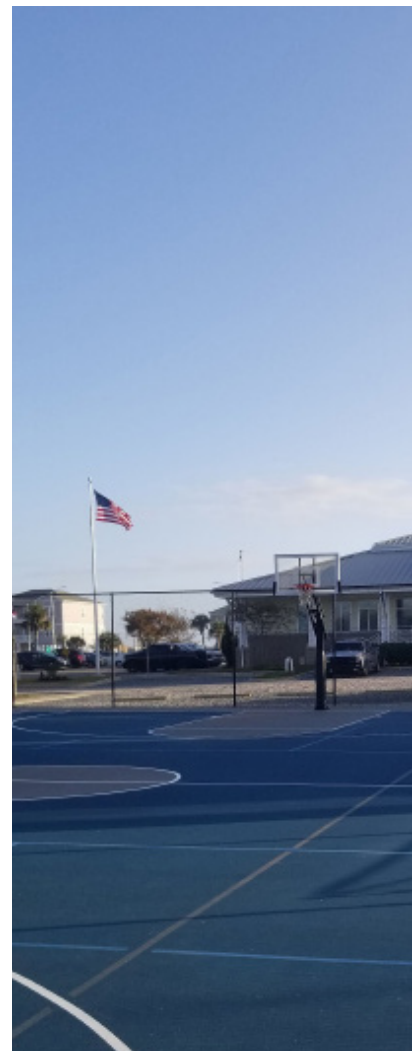
## Funding Assistance

McGill has assisted municipalities across North Carolina to secure funding for many types of projects at the state and federal level. Our experienced staff is well versed in managing multiple funding sources and navigating the complexities of project reporting and funding administration. We maintain excellent working relationships with the various funding agencies that provide infrastructure project grant and loan funds, including Clean Water State Revolving Fund, Drinking Water State Revolving Fund, United States Department of Agriculture, Community Development Block Grant, Asset Inventory and Assessments, Golden Leaf, Appalachian Regional Commission, Parks and Recreation Trust Fund, and Economic Development Administration.

## Funding Totals Since 2012

Grant Type	Total Funded
Asset Inventory and Assessment (AIA)	\$3,559,675
Coastal Area Management Act (CAMA)	\$95,620
Community Development Block Grant (CDBG)	\$47,599,921
Clean Water Management Trust Fund (CWMTF)	\$14,520,959
Clean Water State Revolving Fund (CWSRF)	\$61,718,544
Drinking Water State Revolving Fund (DWSRF)	\$45,758,808
Drinking Water State Reserve Fund (DWSRF)	\$6,479,300
North Carolina Commerce – Economic Development	\$1,304,467
Golden LEAF	\$820,000
Parks and Recreation Trust Fund (PARTF)	\$7,548,557
State Revolving Fund (SRF)	\$3,529,974
US Department of Agriculture Rural Development (USDA-RD)	\$46,152,052
Other Grants	\$80,897,607

McGill has secured more than **\$319 million** in public funding for our clients in the past **10 years.**







**McGill Associates, PA**

712 Village Road SW, Suite 103, Shallotte, NC 28470

910.755.5872 | [mcgillassociates.com](http://mcgillassociates.com)