

**Qualifications
Statement**

**ROUTINE ENGINEERING SERVICES FOR DRAINAGE PROJECTS IN
JEFFERSON PARISH**

Resolution No. 144202

Prepared by:
Perrin & Carter, Inc.

in association with:
**BFM Corporation LLC
The Beta Group**



PERRIN & CARTER, INC.
ENGINEERS - ARCHITECTS - PLANNERS
3501 Ridgelaque Drive / Metairie, LA 70002
(504) 831-7958 • Fax: (504) 831-7975



TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Routine Engineering Services for Drainage Projects
Resolution No. 144202
SOQ 24-015

B. Firm Name & Address:

Perrin and Carter, Inc.
3501 Ridgelake Drive
Metairie, Louisiana 70002

C. Name, title and contact information of Principal, as defined in Section 2-926 of the Jefferson Parish Code of Ordinances, who is a registered, licensed architect, professional engineer, or surveyor in the State of Louisiana:

Wesley Eustis, P.E., P.L.S.
Principal Officer of Perrin and Carter, Inc.
504-766-0526
504-2021246
weustis@basinengllc.com

D. Name and contact information of employee who is a registered and licensed architect, professional engineer, or surveyor in the State of Louisiana in the applicable discipline. A subcontractor may be substituted here only if the advertised Project requires more than one discipline.

Wesley Eustis, P.E., P.L.S.
Principal Officer of Perrin and Carter, Inc.
504-766-0526
504-2021246
weustis@basinengllc.com

E. Please provide the number of employees whose primary function corresponds with each category:

| | | |
|--------------------------------------|-------------------------------------|--------------------------------------|
| <u>2</u> Administrative | <u> </u> Estimators | <u> </u> Specification Writers |
| <u> </u> Architects (Licensed) | <u> </u> Geologists | <u>3</u> Structural Engineers |
| <u> </u> Chemical Engineers | <u> </u> Geotechnical Engineers | <u> </u> Graduate Engineers |
| <u>4</u> Civil Engineers | <u> </u> Interior Designers | <u>1</u> Project Managers |
| <u> </u> Construction Inspectors | <u> </u> Landscape Architects | <u> </u> Clerical |
| <u> </u> Ecologists | <u>2</u> Land Surveyor | <u> </u> Grant/Funding Specialist |
| <u> </u> Electrical Engineers | <u> </u> Mechanical Engineers | <u> </u> Sanitary Engineers |
| <u>2</u> Engineer Intern | <u> </u> Environmental Engineers | |
| <u>1</u> Professional Land Surveyors | | <u>15</u> TOTAL |

F. Is this submittal by a JOINT-VENTURE? Please check: YES NO

If marked "No" skip to Section I. If marked "yes" complete Sections G-H.

TEC Professional Services Questionnaire

G. If submittal is by JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical, and financial) for each firm. Please attach additional pages if necessary.

1.
N/A

2.
N/A

**H. Has this JOINT-VENTURE previously worked together? Please check:
YES NO**

I. List all subcontractors anticipated for this Project. Please note that all subcontractors must submit a fully completed copy of this questionnaire, applicable licenses, and any other information required by the advertisement. See Jefferson Parish Code of Ordinances, Sec. 2-928(a)(3). Please attach additional pages if necessary.

| Name & Address: | Specialty: | Worked with Firm Before (Yes or No): |
|-----------------|------------|--------------------------------------|
| 1. N/A | | |
| 2. N/A | | |
| 3. N/A | | |

J. Please specify the total number of support personnel that may assist in the completion of this Project:

8 _____

TEC Professional Services Questionnaire

K. List the professional in charge, key persons, specialists, and individual consultants anticipated for this Project and provide their relevant information below. If necessary, please attach additional documentation (i.e. resume) that demonstrates the employment history and experience of the Firm's key persons that may assist in the completion of this Project. Please attach additional pages if necessary.

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Wesley Eustis, P.E., P.L.S.
Principal and Civil Engineer

Project Assignment:

Civil Design and Supervisory Engineer

Name of Firm with which associated:

Perrin and Carter, Inc.

Years' experience with this Firm:

2 years experience with this firm, but 18 years with other firms. Mr. Eustis was the vice president of Linfield Hunter & Junuis, Inc. He was a civil design engineer and managed all aspects of the Civil Design by other employees including utility infrastructure and site civil grading and drainage design. He also managed all aspects of Professional Land Surveying by employees including ALTA, Boundary, Topographic and Hydrographic Surveying.

Education: Degree(s)/Year/Specialization:

Bachelor of Science in Civil Engineering
Louisiana State University December 2004

Active registration: Year first registered/discipline:

Registered Professional Engineer in the state of Louisiana, Mississippi, Arkansas, Texas, Kentucky, Tennessee, Georgia, Arizona, Colorado, Utah, Iowa, West Virginia, Nevada, and Missouri

Louisiana License No. 35537

Other experience and qualifications relevant to the proposed Project:

Mr. Eustis has been in responsible charge of a wide variety of infrastructure projects that are relevant to this SOQ. A list of his projects are:

8" Waterline Replacement-Arkansas Ave. City of Kenner, Jefferson Parish, LA.

East & West Livingston Place-Water Main Reconstruction-Jefferson Parish, LA.

Removal & Replacement of Portion of Jefferson Parish Transmission Water Line-Zuppardo's Supermarket, Jefferson Parish

12" Water Main Relocation-Westside Shopping Center-City of Gretna, LA.

12" Water Main Removal and Replacement-6539 WB Expressway, Jefferson Parish, LA.

43" Water Main Reconstruction-Spruce Street. New Orleans, LA.

Magazine St. Water Main Reconstruction Leake Dr. to Nashville Ave.-City of New Orleans, LA.

Plum Orchard/West Lake Forest Water Main Reconstruction-City of New Orleans, LA.



Wesley Eustis, P.E., P.L.S.

Principal
2811 B Toulouse St.
New Orleans, LA 70119
weustis@basinengllc.com
Office: (504) 766-0526
Cell: (504) 202-1246

Education

Louisiana State University

Bachelor of Science in Civil Engineering

December 2004

Experience

Principal - Basin, LLC Engineering & Surveying

July 2021 – Present

- Co-founder and Principal Engineer of Firm providing Civil and Structural Engineering Design along with Land Surveying Services
- Manage all aspects of Civil Design by employees including Civil Site Design, Grading and Drainage Design, and Utility Infrastructure Design
- Manage all aspects of Professional Land Surveying Services by employees including ALTA, Boundary, Topographic, and Hydrographic Surveying

Vice President – Linfield, Hunter & Junius, Inc.,

December 2004-July 2021

- Vice President in charge of a Civil Design Group and Land Surveying Group
- Manage and oversee civil design for public and private clients.
- Review and perform all manners of design including Utility Design, Grading, and Drainage Design
- Perform municipal code research, due diligence, and permitting
- Manage and oversee land surveying operations including field crews, field work, boundary calculations, and quality assurance.

Certifications and Relevant Skills

- Registered Professional Engineer in the states of Alabama, Louisiana, Mississippi, Arkansas, Texas, Kentucky, Tennessee, Georgia, Arizona, Colorado, Utah, Iowa, West Virginia, Nevada, and Missouri
- Registered Professional Land Surveyor in Louisiana
- Past President, American Society of Civil Engineers (ASCE) - New Orleans Branch
- Awarded 2021 ASCE Outstanding Civil Engineer of the Year – New Orleans
- Awarded 2012 ASCE Outstanding Young Civil Engineer of the Year – New Orleans
- Member – Louisiana Society of Professional Surveyors (LSPS)

Relevant Projects

- Lake Trail Drive Drainage Pump Station – City of Kenner, Jefferson Parish, LA
- Lake Trail Drive Levee Drainage Improvements – City of Kenner, Jefferson Parish, LA
- Tulane University Campus Drainage and Flooding Analysis – New Orleans, LA
- Hoey's Canal Improvements – Jefferson Parish, LA
- East & West Livingston Place Reconstruction – Jefferson Parish, LA
- L&A Rd. U-Turn for Earhart Expressway – Jefferson Parish, LA
- Magazine St. Reconstruction – City of New Orleans, LA
- RR039 Filmore North Group C Reconstruction – City of New Orleans, LA



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Principal

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Office: (504) 766-0526

Cell: (504) 202-1246

- Celebration Drive Roadway Extension Drainage Design – City Park, New Orleans, LA

TEC Professional Services Questionnaire

| KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT: |
|--|
| Name & Title: Michael A. Carter, P.E. |
| Project Assignment: Civil Engineer |
| Name of Firm with which associated: Perrin and Carter, Inc. |
| Years' experience with this Firm: 38 Years |
| Education: Degree(s)/Year/Specialization: Bachelor of Science Civil Engineering - 1975 - Louisiana State University - Civil and Structural Engineering Specialty Bachelor of Architecture - 1974 Louisiana State University 1 1/2 Years Graduate Studies - Tulane University - Civil and Structural Engineering Specialty |
| Active registration: Year first registered/discipline: Louisiana license No. 18651 First Registered Civil Engineering 1980 |
| Other experience and qualifications relevant to the proposed Project: Mr. Carter has over 45 years of civil and structural design experience. His design experience includes the design of buildings, streets, highways, bridges, drainage systems, water distribution systems, pump stations, and marine designs. Mr. Carter has been the chief civil and structural design engineer at Perrin and Carter for 38 years. In 1998, Mr. Carter was the project engineer for the Jefferson Parish project, Relocation of 48inch water line and canal crossing at Two Mile canal in Marrero, LA. This project entialed deisgning an above ground canal crossing that would extend the 48 inch water line an additional 80ft and turn down and extend underground for an 1/8 mile and tie into an existing 48 in line. This line services a major area of the West Bank of Jefferson Parish. Many of Mr. Carter's site civil projects and raodway projects include water line design and relocation. in 2017 Mr, Carter designed the relocation of all the utilities on Tolmas Drive when the Tolmas Drive riight of way from Veterans Memorial Blvd to 22nd Street was sold and all utilities needed to be relocated to continue to server the area. These are just a few of the relevant projects. |

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Michael A. Carter, P.E.

President

In 1998, Mr. Carter was the structural engineer for improvements to the \$10M West Jefferson Medical Center Lobby and elevator tower. In 2001, Mr. Carter was the structural engineer for the \$16M Support Service Facility and Energy Plant for West Jefferson Medical Center. Mr. Carter has completed engineering services for the build outs of CATH Labs at East Jefferson General Hospital and West Jefferson Medical Center. In 2004, Mr. Carter designed the concrete structure for the Cyberknife addition at West Jefferson Medical Center.

In 2002, Mr. Carter's construction company completed the design and construction of the six-story Jefferson Parish Gretna Government Campus parking garage thirty days ahead of schedule. He also provided civil and structural engineering services for the six-story Jefferson Parish Administration Building in Gretna, 24th Judicial District Court Renovations, First Parish Court Addition, Waste Management of Louisiana - Administration Building in Avondale, West Jefferson Medical Center Lobby Addition, West Jefferson Medical Center-Support Services & Energy Center, Grand Isle School projects, among many other municipal and commercial structures.

Mr. Carter was the project manager for all the engineering for the \$26M 911 / EOC Facility for Jefferson Parish. He coordinated all structural, mechanical, electrical, and civil engineering for the \$100M Patient Care Pavilion at West Jefferson Medical Center. Project was put on hold due to funding. As a Civil / Structural Engineer, Mr. Carter designed the improvements to the Duncan Canal Bridge and Roadway Approach in Jefferson Parish; and bridge abutments and retaining walls for the Interstate 49 corridor in Alexandria, LA. His structural designs have been implemented on the reinforced concrete structure for the Ames Drainage Pumping Station (1982), a 10-story tower for the University of Miami, and numerous concrete bridges across southeast Louisiana.

Mr. Carter was the Civil/Structural Engineer for a 1982 New Orleans Sewerage and Water Board Project. He completed the extension of the Orleans Avenue underground box culvert, an \$11 million project consisting of a 22-ft. wide box culvert where the intersection of the canal with Jefferson Davis Parkway necessitated the design and construction of an underground bridge to support all street lanes and an E80 railroad load. He has been in responsible charge of drainage collection systems, sewer lift stations, hydraulic analysis of canals, subdivision design, force main design, and roadway design. In the early development of Lafreniere Park in Jefferson Parish, Mr. Carter was the Project Engineer for the development of the lagoon, earthwork, bridges, and lagoon re-circulation pumps. His work has also included design and analysis of earth-retaining cofferdams and temporary shoring systems

In 1975, Mr. Carter was employed by J. Ray McDermott working in the company's London, England office working on the design of steel jacket offshore structures. These deepwater structures were designed for the wave load forces generated by tidal waves and hurricane force winds. He also helped in development of the "Lumped Mass" Fortran program used today in dynamic analysis load programs at McDermott.

Mr. Carter is fluent with computer structural analysis programs such as STRUDL, STAAD, BSAP, PSBeam and PCCOL. He utilizes the Post-Tensioning program ADAPT, as well as the finite element capabilities of the STAAD program.

Louisiana Professional Engineering and Land Surveying Board

License Information

The Louisiana Professional Engineering and Land Surveying Board has the following information on file:

Name:

Mr. Michael Arthur Carter

Address:

3501 Ridgelake Drive
Metairie, LA 70002

License/Certificate Information

| License | Status | First Issuance Date | Expiration Date | Listed Discipline(s) |
|----------------|---------------|----------------------------|------------------------|-----------------------------|
| PE.0018651 | Active | 03/18/1980 | 03/31/2020 | Civil Engineer |

[View Pocket Card](#)

If you need to change your contact information, click the link below to update your contact info online:
[Online Contact Info Update \(https://renewals.lapels.com/Activities/Listing.aspx?ID=40\)](https://renewals.lapels.com/Activities/Listing.aspx?ID=40)

9643 Brookline Avenue | Suite 121 | Baton Rouge, LA 70809-1433
225-925-6291 | Fax 225-925-6292

TEC Professional Services Questionnaire

| KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT: |
|--|
| Name & Title: Kirk J. Henry, P.E., S.E. Sr. Civil and SR Engineer |
| Project Assignment: Civil and Structural Engineer |
| Name of Firm with which associated: Perrin and Carter, Inc. |
| Years' experience with this Firm: 17 Years |
| Education: Degree(s)/Year/Specialization: Bachelor of Science Civil Engineering 1999/ Univeristy of New Orleans 1 1/2 Years Post Graduate Study/ Structural Engineering/ Univeristy of New Orleans |
| Active registration: Year first registered/discipline: 2004/ LA/ Professional Engineer - License No. 31062 2006/ LA/ Structural Engineer - License No. 31062 2016/ CA/ Civil Engineer - License No. 85280 |
| Other experience and qualifications relevant to the proposed Project: Mr. Henry has a broad base of civil and structural design experience. He has been in responsible charge as the professional of record for municipal, industrial, and commercial buildings' structural design. His site civil experience includes roadway design, utility relocation, grading and drainage deisgn, and box culvert desing. He has performed engineering calculations including the analysis and design of steel, concrete, wood, masonry, and cold formed steel structures. Mr. Henry has excellent skills coordinatng with other deisgn disciplines during the engineering design process. He has design industrial pip racks adn coordinated with product piping systems engineers for a variety of produt types. Much of Mr.. Henry's design experience includes foundaiton design for numerous types of construciton. He has perpared and overseen the perparation of CAD drawings including plans, sections, elevations, details, and technical specifications to serve as construction documents. Mr. Henry routinely developes cost estimates for design development and bidding purposes that have proven to be very thorough and accurate. |

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Kirk J. Henry, P.E., S.E.

Structural /Civil Engineer

Project Assignment:

Structural /Civil Engineer

As a Structural Design Engineer, Mr. Henry has been in responsible charge in the preparation of designs, plans, specifications, cost estimates, and value engineering studies. Mr. Henry has been employed as a structural engineer at Morphy, Makofsky, Inc., New Orleans, LA, and is currently employed with Perrin & Carter, Inc., Metairie, LA.

Some of the projects that Mr. Henry has been involved in or the lead designer on include the following:

- **Terry Parkway Drainage Improvements, Box Culvert System, Terrytown,**
- **LA Fire Station No. 19, Harahan, Jefferson Parish, LA**
- **Grand Isle Fire Station No. 1, Grand Isle, LA**
- **Fire Station No. 86 Addition, Marrero, LA**
- **911/Emergency Operations Center for Jefferson Parish, Gretna, LA**
- **Parc des Familles, Prestressed Girder Bridge, Marrero, LA**
- **Lincoln Elementary, Marrero, LA**
- **Woodmere Elementary, Harvey, LA**
- **Helen Cox High School Foundation Repairs, Harvey, LA**
- **Addition to 7-Story Parking Garage, Gretna, LA**
- **Jefferson Parish Performing Arts Center, Jefferson, LA (Construction Administration)**
- **Parc Des Familles, New Reception Hall, Marrero, LA**
- **Terrytown Gymnasium, Terrytown, LA**
- **West Jefferson High School Field House, Harvey, LA**
- **Joseph S. Yenni Building – Emergency Systems Generator Platform, Metairie, LA**
- **Sheriff’s Office, Grand Isle, LA**
- **Barracks Replacement, Jackson Barracks, New Orleans, LA**
- **Bachelor’s Enlisted Quarters, Jackson Barracks, New Orleans, LA**
- **Harrah’s Hotel, New Orleans, LA**
- **Harrah’s Fulton Street Development, New Orleans, LA**
- **Louisiana Leadership Institute, Baton Rouge, LA**
- **Ohr-O’Keefe Museum of Art, Biloxi, MS**
- **Beach Crystal Condominiums, Destin, FL**
- **Bossier Parish Community College, Bossier City, LA (A series of 8 buildings to serve as a local community college.)**

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Kirk J. Henry, P.E., S.E.

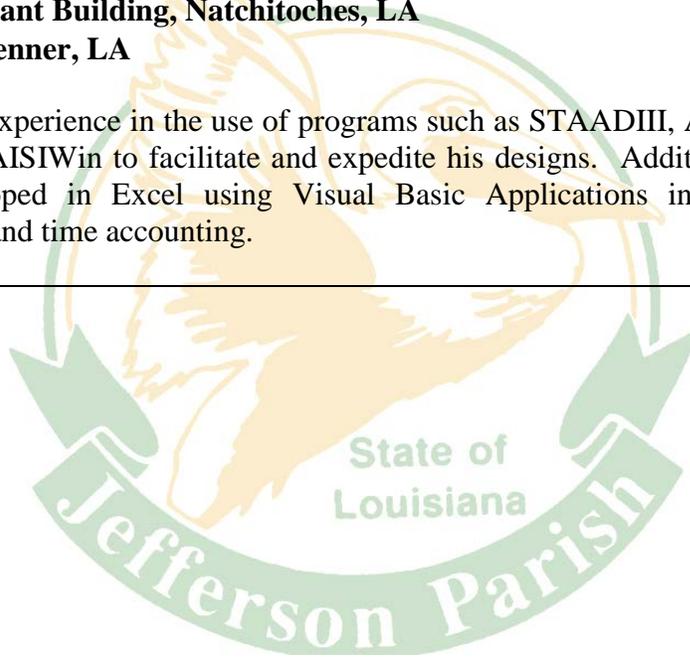
Structural /Civil Engineer

Project Assignment:

Structural /Civil Engineer

- **First Premium Insurance Group, Covington, LA**
- **LSMSA – Student Life Center, Natchitoches, LA**
- **NSU – Physical Plant Building, Natchitoches, LA**
- **Whitney Bank, Kenner, LA**

Mr. Henry has extensive experience in the use of programs such as STAADIII, ADAPT-PT, ADAPT-RC, PCA Column, PCA Slab, and AISIWin to facilitate and expedite his designs. Additionally, he utilizes spreadsheet programs that he developed in Excel using Visual Basic Applications in order to assist his designs, computational recording, and time accounting.



TEC Professional Services Questionnaire

| KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT: |
|--|
| Name & Title: Daniel Bobeck, P.E. Principal Civil and Structural Engineer |
| Project Assignment: Quality Assurance Quality Control |
| Name of Firm with which associated: Perrin and Carter, Inc. |
| Years' experience with this Firm: 2 Year |
| Education: Degree(s)/Year/Specialization: Bachelor of Science Civil & Environmental Engineering - 2009 University of New Orleans |
| Active registration: Year first registered/discipline: 2014 Civil Engineering License No. 38640 |
| Other experience and qualifications relevant to the proposed Project: Mr. Bobeck has 15 years of engineering experience in civil and structural engineering projects. He is a principle officer of Perrin and Carter, inc. He had a 13 career with Linfield, Hunter & Junius, Inc. Mr. Bobeck has extensive knowledge of ACI, ASCE, AISC, IBC, and NDS codes. He has been in responsible charge of a wide variety of project types. His experience includes civil design, Structural design, project management, and construction management. He is a third party plan reviewer with LSUCCC, and is the Chairman of the ASCE New Orleans Structural Engineering Institute 2020 to present. |

TEC Professional Services Questionnaire

| KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT: |
|--|
| Name & Title: Jed Hellmich Senior Civil Engineer |
| Project Assignment: Civil Engineer / Lead Engineer |
| Name of Firm with which associated: Perrin and Carter, Inc. |
| Years' experience with this Firm: 2 Years |
| Education: Degree(s)/Year/Specialization: BS Civil Engineering 2008 Auburn University MS Engineering 2011 University of New Orleans |
| Active registration: Year first registered/discipline: 2015 Civil Engineering |
| Other experience and qualifications relevant to the proposed Project: Mr. Hellmich is a senior engineer with 15+ years of experience. He and his team are responsible for production of plans and specifications for a wide range of public and private civil engineering clients. Mr. Hellmich has overseen projects for municipal, commercial, and industrial clients. |



Jedidiah Hellmich, P.E., PTOE
Senior Engineer
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New Orleans, LA 70119
jhellmich@basinengllc.com
Office: (504) 766-0526
Cell: (251) 978-1631

Education

University of New Orleans

Master of Science in Engineering

December 2011

Auburn University

Bachelor of Civil Engineering

December 2008

Experience

Senior Civil Engineer - Basin, LLC Engineering & Surveying

March 2022 – Present

- Senior civil engineer responsible for preparation of plans and specifications for municipal and commercial clients.
- Prepare engineering reports and studies.
- Develop projects scopes, schedules and budgets.
- Provide construction administration services.

Lead Civil Engineer – Phillips 66 Alliance Refinery

March 2020 – March 2022

- Oversee all surveying performed at Alliance Refinery.
- Oversee all civil/structural projects at Alliance Refinery.
- Design, manage and execute a variety of civil/structural and mixed discipline projects.
- Project and construction management including review of contractor proposals, review of testing lab reports, responses to RFI's, shop drawing review, project scheduling and project cost management.

Senior Civil Engineer - Linfield, Hunter & Junius, Inc.

January 2009 – March 2020

- Design, draft and oversee plan production for municipal, industrial and commercial clients.
- Prepare and oversee preparation of specifications and construction cost estimates.
- Prepare engineering reports and studies.
- Manage junior engineers and sub-consultants to ensure project specifications, budget and schedule are met.
- Formulate proposals for professional engineering services.

Certifications and Relevant Skills

- Registered Professional Engineer in Louisiana
- Professional Traffic Operations Engineer
- Proficient in various civil design software packages, AUTOCAD, Microstation, LADOTD Hydrwin, Autodesk Storm and Sanitary Analysis, Autodesk Civil 3D, HEC-RAS
- ACEC Emerging Leader, Fall 2019



Jedidiah Hellmich, P.E., PTOE

Senior Engineer

2811 B Toulouse St.

New Orleans, LA 70119

jhellmich@basinengllc.com

Office: (504) 766-0526

Cell: (251) 978-1631

Relevant Projects

- Canal Street Median Enhancements (Jefferson Parish) – Prepared plans and specifications for the placement of a box culvert in the existing canal, subsurface drainage system, and shared-use pedestrian path.
- Storm Sewer Maintenance Program (Phillips 66)– Oversaw the design and implementation of new subsurface drainage structures and repair of existing structures at Phillips 66 Alliance Refinery in Belle Chasse, LA.
- Storm Water Management (Phillips 66) – Responsible for the review and implementation of all stormwater management projects at Phillips 66 Alliance Refinery in Belle Chasse, LA.
- South Kenner Drainage Improvements (City of Kenner) – Prepared drainage calculations and drainage report with recommendations to improve drainage in South Kenner. Prepared plans and specifications for the drainage improvements which consisted of a new subsurface storm sewer system.
- Drainage Improvements to Livingston Place East and West (Jefferson Parish) – Prepared plans and specifications for the removal of the existing roadways and the installation of subsurface drainage systems along Livingston Place East and West. A subsurface drainage system and inlets were added to the roadways to mitigate street flooding. The project also consisted of roadway and infrastructure restoration work.
- CVS Pharmacies, Dollar Generals, Data Centers, Storage Facilities, and Industrial Facilities (Various Clients Nationwide) – Drainage design and project management for dozens of commercial facilities across the United States. Projects consisted of grading, subsurface drainage, detention/retention ponds, pump stations, storm water quality improvements, erosion control design, storm water prevention plans, and drainage studies.
- Club Deluxe Road Drainage Study and Roadway/Drainage Plans (Tangipahoa Parish) – Responsible for the preparation of a drainage study analyzing the existing conditions and proposed future conditions along Club Deluxe Road in Tangipahoa, LA. Made recommendations for improvements to the drainage and roadway system. Upon completion of the drainage study, prepared plans and specifications to implement the drainage improvements as well as roadway improvements.
- France Road Drainage Improvements (Port of New Orleans) – Prepared plans and specifications for drainage improvements along France Rd in New Orleans. The project consisted of drainage improvements design for an existing ditch and culverts to help mitigate flooding along France Rd.
- General De Gaulle Crossings (City of New Orleans) – Assisted with the design of box culverts under U-turns at several crossings along General De Gaulle Dr. in New Orleans, LA.
- South Claiborne Drainage Improvements (Sewerage and Water Board of New Orleans and US. Army Corp) – Assisted with the design and construction management for a large box culvert and drainage improvement project along South Claiborne Ave in New Orleans. Project consisted of the installation of a large box culvert, subsurface drainpipes, drainage structures, and roadway restoration work.

TEC Professional Services Questionnaire

| KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT: |
|--|
| Name & Title: Jonathan Catanzano, P.E. |
| Project Assignment: Senior Civil Engineer |
| Name of Firm with which associated: Perrin and Carter, Inc. |
| Years' experience with this Firm: 2 Months |
| Education: Degree(s)/Year/Specialization: |
| Active registration: Year first registered/discipline: 2019 - Civil Engineering |
| Other experience and qualifications relevant to the proposed Project: Mr. Catanzano recently joined Basin Engineering & Surveying to provide further civil engineering support. He brings a wealth of knowledge after spending 10 years in the industry on both the engineering and construction side. |



Jonathan Catanzano, P.E.
Professional Engineer
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jcatanzano@basinengllc.com
Office: (504) 354-9881
Cell: (205) 540-6297

Education

Auburn University
Bachelor of Science in Civil Engineering

May 2013

Experience

Project Engineer – Linfield, Hunter & Junius, Inc.

May 2013 – April 2021

- Civil engineering design, permitting and construction administration for various private developments and public improvements.
- Responsibilities included preliminary site investigation and final design of utility infrastructure, stormwater management plans and calculations, grading plans, stormwater pollution prevention plans and traffic control plans.
- Performed permitting through local and state agencies to obtain civil engineering related permits.

Project Engineer – Gonzalez-Strength & Associates, Inc.

April 2021 - July 2021

- Civil Engineering design, permitting and construction administration for various private developments and public improvements.
- Responsibilities included preliminary site investigation, final design and permitting of utility infrastructure, stormwater management plans and calculations, grading plans, stormwater pollution prevention plans and traffic control plans.

Director of Civil Engineering – Meredith Environmental, Inc.

August 2021 – June 2024

- Estimating, site work proposals, material procurement and construction of various public and private developments.
- Responsibilities included site work estimating and proposals for demolition, grading, stormwater infrastructure, utility infrastructure, erosion control, traffic control plans, equipment and personnel.
- Performed design for unforeseen change orders/changes in conditions and traffic control plans.
- Managed accounts receivable and accounts payable for clients, subcontractors and suppliers.

Project Engineer – Basin, LLC Engineering & Surveying

June 2024 – Present

- Civil engineering design, permitting and construction administration for various private developments and public improvements.



Jonathan Catanzano, P.E.
Professional Engineer
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- Responsibilities include preliminary site investigation, final design and permitting of utility infrastructure, stormwater management plans and calculations, grading plans, stormwater pollution prevention plans and traffic control plans.

Relevant Projects

- Design and construction administration of various public improvements and private developments, including:
 - Public and private drainage infrastructure, ±64,300 CF regional detention pond and stormwater treatment – Multi-use development, Helena, AL
 - Public and private drainage infrastructure, ±4,400 CF underground detention system, box culvert extension and stormwater treatment – CVS/pharmacy, Mobile, AL
 - Private drainage infrastructure, ±41,000 CF temporary detention basin, ±39,000 CF permanent detention basin and stormwater treatment – CVS/pharmacy, Lynn Haven, FL
 - Public and private drainage infrastructure, reroute and resizing of 5'x4' drainage culvert and private ±9,900 CF underground detention system – Leesville, LA
 -
- Estimating, material procurement and project management for various public improvements and private developments, including:
 - ±100,000 CF underground detention system, stormwater treatment and drainage infrastructure – BHM Air Cargo Facility, Birmingham, AL
 - ±8,000 CF underground detention system, stormwater treatment and drainage infrastructure – Mapco, Huntsville, AL
 - ±15,000 CF detention basin, stormwater treatment and drainage infrastructure– Valley Post, Chelsea, AL
 - ±10,000 CF detention basin, stormwater treatment and drainage infrastructure – Circle K, Madison, AL
 - ±7,500 CF underground detention basin, stormwater treatment and drainage infrastructure – Caliber Collision, Pelham, AL
 - Two separate underground detention systems, stormwater treatment and drainage infrastructure – Chick-fil-A, Tuscaloosa, AL
 - Drainage infrastructure– UAB Science and Engineering Facility, Birmingham, AL
 - Stormwater treatment and drainage infrastructure, – Samford University, Homewood, AL
 - Drainage infrastructure, underground detention and stormwater treatment – Homewood High School, Homewood, AL
 - Stormwater treatment and drainage infrastructure – Circle K, Pelham, AL
 - Drainage infrastructure – Brasfield & Gorrie Tower Addition – Birmingham, AL

TEC Professional Services Questionnaire

L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.

PROJECT NO. 1

| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | |
|---|---|---|
| Westwego II Pump Station Improvements Westwego, LA. Jefferson Parish Department of Public Works Drainage Department 1221 Elmwood Park Blvd. Jefferson, LA 70123 504-736-6784 | Removal and replacement of two diesel engines, removal and replacement of air compressors, and miscellaneous, mechanical, electrical, and control work renovations and repairs. | |
| Completion Date (Actual or estimated): | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| September 2020 | \$7100 | \$6710 |

PROJECT NO. 2

| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | |
|---|---|---|
| Terry Parkway Drainage Improvement Terrytown, LA Jefferson Parish Department of Public Wroks 1221 Elmwood Park Blvd. Jefferson, LA 70123 504-736-6784 | Design of box culvert for drainage. | |
| Completion Date (Actual or estimated): | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| Phase 1 - 2013 | \$4,700 | \$4,700 |
| Phase 2 - 2014 | \$2,400 | \$2,400 |

TEC Professional Services Questionnaire

| PROJECT NO. 3 | | |
|---|---|---|
| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility | |
| Two-Mile (Patriot) Canal Improvements Phase I - Allo Ave. to First St. Phase II - Barataria to Allo Ave. SELA project Marrero, LA Jefferson Parish Department of Public Works 1221 Elmwood Park Blvd. Jefferson, LA 70123 504-736-6784 | Design of drainage improvements for concrete flume, slope paving, and box culverts. | |
| Completion Date (Actual or estimated) | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| Phase I - 2007 | \$12,000 | \$12,000 |
| Phase II - 2014 | \$19,800 | \$19,800 |

| PROJECT NO. 4 | | |
|--|--|---|
| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | |
| Harvey Blvd. Extension Phase I - (Manhattan to Peters Rd.) Phase II - (Manhattan to Wall Blvd.) Jefferson Parish, LA Jefferson Parish Department of Engineering 1221 Elmwood Park Blvd. Jefferson, LA 70123 504-736-6505 | Design of roadway and associated utilities and provided construction administration. | |
| Completion Date (Actual or estimated): | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| Phase I - 2013 | \$7,121 | \$7,121 |
| Phase II - 2015 | \$6,800 | \$6,800 |

TEC Professional Services Questionnaire

| PROJECT NO. 5 | | |
|---|---|---|
| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | |
| Ames Blvd. Widening Phase I Phase II Marrero, LA Jefferson Parish Department of Public Works 1221 Elmwood Park Blvd. Jefferson, LA 70123 504-736-6784 | Design of streets, drainage, sewer, and water | |
| Completion Date (Actual or estimated): | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| Phase 1 - 2013 | \$7,000 | \$7,000 |
| Phase 2 - 2014 | \$6,000 | \$6,000 |

| PROJECT NO. 6 | | |
|--|--|---|
| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | |
| Relocation of Avenue B West Jefferson Medical Center Marrero, LA West Jefferson medical Center Hospital Service District No. 1 1101 Medical Center Blvd. Marrero, LA 70072 | Design of roadway, utilities (water, sewer, drainage) and street lighting. | |
| Completion Date (Actual or estimated): | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| 2007 | \$3,000 | \$3,000 |

TEC Professional Services Questionnaire

| PROJECT NO. 7 | | |
|--|---|---|
| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | |
| Barataria/Patriot Intersection Improvements Marrero, LA Jefferson Parish Department of Public Works 1221 Elmwood Park Blvd. Jefferson, LA 70123 504-736-6784 | Design of drainage improvements for roadway design and intersection improvements. | |
| Completion Date (Actual or estimated): | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| 2002 | \$3,000 | \$3,000 |

| PROJECT NO. 8 | | |
|--|---|---|
| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | |
| Barataria/Lapalco Intersection Improvements Marrero, LA Jefferson Parish Department of Public Works 1221 Elmwood Park Blvd. Jefferson, LA 70123 504-736-6784 | Design of drainage improvements including roadway, sewer, water, and drainage improvements. | |
| Completion Date (Actual or estimated): | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| 1999 | \$1,900 | \$1,900 |

TEC Professional Services Questionnaire

| PROJECT NO. 9 | | |
|---|---|---|
| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | |
| Relocation Utilities Tolmas Tract Metairie, LA Park Investments, Ltd. 3421 N. Causeway Blvd., Suite 802 Metairie, LA 70002 | Relocation of site utilities, including sewer, water and drain lines. | |
| Completion Date (Actual or estimated): | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| 2014 | \$500 | \$500 |

| PROJECT NO. 10 | | |
|---|---|---|
| Project Name, Location and Owner's contact information: | Nature of Firm's Responsibility: | |
| West Pointe a la Hache Improvements to Siphon Plaquemines Parish Belle Chasse, LA Department of Natural Resources P.O. Box 44027 Baton Rouge, LA | Improvements to 2400 cfs siphon | |
| Completion Date (Actual or estimated): | Estimated Cost: | |
| | Entire Project: | Work for which Firm was Responsible: |
| 2012 | \$1,800 | \$1,800 |

TEC Professional Services Questionnaire

M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary.

| Parties: | | Status/Result of Case: |
|------------|------------|------------------------|
| Plaintiff: | Defendant: | |
| 1. NONE | | |
| 2. | | |
| 3. | | |
| 4. | | |

N. Use this space to provide any additional information or description of resources supporting Firm's qualifications for the proposed project.

Perrin & Carter, Inc. (P&C) was founded in 1964. Since then, the firm successfully completed thousands of projects and has provided its expertise in all major areas of municipal, industrial, and private development. Among these have been commercial and residential land developers, energy-related and heavy industries, state agencies, Municipalities and special districts. In the 1960s, our firm prepared the original Master Drainage Plan for the Elmwood Industrial Park. P&C has provided engineering services for pump stations, force mains, lift stations, drainage improvements, drainage control, structures, water distribution, street construction, roadway rehabilitation, highways, and street lighting projects such as Cousins Pumping Station, Whitnet-Barataria/Duncan/Elmwood Pumping Stations, Leachete Pump Stations & Force Main, Crown point Pump Station & Sewe Force Main, Hamilton Road Lift Station, ALbertson's Lift Station, Barataria Boulevard Intersection Improvements, Metarie Club Estates, Dunccan Canal Roadway & Bridge, Elmwood Plantation Estates, among numerous others.

Perrin & Carter, Inc. (P&C) is a diversified consulting engineering firm providing design services and construction administration for over 40 years to Jefferson Parish, Orleans Parish, surrounding Parishes, and private developers. P&C professionals and its supporting staff have extensive experience in providing high-quality, professional and technical services to all our clients. P&C's personnel of civil, structural, electrical, & mechanical engineers, and designers have a variety of experience in pump station & force main design, lift stations, design of drainage improvements, drainage control structures, drainage studies, roadways, street improvements, utility design, bridges, sitework, building design, renovations, resident inspection, and contract administration.

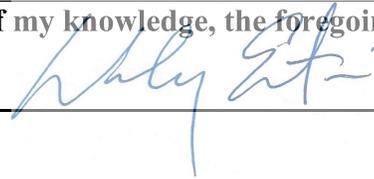
Our engineering professionals and supporting personnel have extensive experience utilizing AutoCAD, Microsoft Word, Excel, & other computer software to produce work efficiently. Work is reviewed for accuracy, constructability, cost & conformance.

P&C staff has an excellent record for meeting time constraints, and the skills, knowledge and experience necessary to complete design projects in an efficient and timely manner, monitor project schedules, and provide resources to maintain quality control.

P&C has provided high-quality, cost-efficient, and expeditious services on public contracts. The following are just a few who have knowledge of our past performances: Jefferson Parish Capital Projects, Jefferson Parish general Services, Jefferson Parish Engineering Department, Jefferson Parish Public Works Department, Jefferson Parish Sewerage Department, Jefferson Parish Water Department, Jefferson Parish Drainage Department, Jefferson Parish Streets Department, Jefferson Parish Public School System, Jefferson Facilities, Inc., City of New Orleans, LADOTD, St. Charles Parish Engineering & Public Works Departments, Regional Planning Commission, St. Bernard Parish, Plaquemines Parish, State of Louisiana -Department of Natural Resources.

Perrin & Carter, Inc. is committed to providing all our clients high quality, personal, professional and technical services.

O. To the best of my knowledge, the foregoing is an accurate statement of facts.

Signature:  Print Name: Daniel F. Bobeck
 Title: Principal Date: 06/21/2024