

**Qualifications  
Statement**

**PROVIDE ROUTINE ENGINEERING SERVICES FOR WATER  
PROJECTS IN JEFFERSON PARISH**

**Resolution No. 144203**

Prepared by:  
**Perrin & Carter, Inc.**

**SOQ 24-013**



**PERRIN & CARTER, INC.**  
**ENGINEERS - ARCHITECTS - PLANNERS**  
2811B Toulouse Street / New Orleans, LA 70119  
(504) 831-7958 •



## TEC Professional Services Questionnaire

**A. Project Name and Advertisement Resolution Number:**

Routine Engineering Services for Water Projects  
Resolution # 144203  
SOQ 24-013

**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.**

Michael A. Carter, P.E.  
Project Civil Engineer  
504-382-2121  
mcarter@perrincarter.com  
mcarter@perrincarter.net

**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> <b>TOTAL</b>

**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:**

6 \_\_\_\_\_

## 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](mailto: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**

- 8" Waterline Replacement – Arkansas Ave., City of Kenner, Jefferson Parish, LA
- East & West Livingston Place – Water Main Reconstruction – Jefferson Parish, LA
- Removal and Replacement of Portion of Jefferson Parish Transmission Water Line – Zuppardos Supermarket, Jefferson Parish, LA
- 12" Water Main Relocation – Westside Shopping Center – City of Gretna, Jefferson Parish, LA
- 12" Water Main Removal and Replacement – 6539 Westbank Expressway, Jefferson Parish, LA
- 43" Watermain Reconstruction – Spruce St., New Orleans, LA
- Magazine St. Water Main Reconstruction (Leake Dr. to Nashville Ave.) – City of New Orleans, LA



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

Principal

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New Orleans, LA 70119

[weustis@basinengllc.com](mailto:weustis@basinengllc.com)

Office: (504) 766-0526

Cell: (504) 202-1246

- Plum Orchard/West Lake Forest Water Main Reconstruction – City of New Orleans, LA
- Desire Group C Neighborhood Water Main Reconstruction – City of New Orleans, LA

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Michael A. Carter, P.E.
<b>Project Assignment:</b>
Civil Engineer
<b>Name of Firm with which associated:</b>
Perrin and Carter, Inc.
<b>Years' experience with this Firm:</b>
38 Years
<b>Education: Degree(s)/Year/Specialization:</b>
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
<b>Active registration: Year first registered/discipline:</b>
Louisiana license No. 18651 First Registered Civil Engineering 1980
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>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 entailed designing 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.</p> <p>Many of Mr. Carter's site civil projects and roadway 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 right of way from Veterans Memorial Blvd to 22nd Street wasw sold and all utilities needed to be relocated to continue to server the area. These are just a few of the relevant projects.</p>

## 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, 24<sup>th</sup> 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**

<b>License</b>	<b>Status</b>	<b>First Issuance Date</b>	<b>Expiration Date</b>	<b>Listed Discipline(s)</b>
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)

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

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Kirk J. Henry, P.E., S.E. Sr. Civil and Sr. Structural Engineer
<b>Project Assignment:</b>
Civil and Structural Engineer
<b>Name of Firm with which associated:</b>
Perrin and Carter, Inc.
<b>Years' experience with this Firm:</b>
17 Years
<b>Education: Degree(s)/Year/Specialization:</b>
Bachelor of Science Civil Engineering 1999/ Univeristy of New Orleans 1 1/2 Years Post Graduate Study/ Structural Engineering/ Univeristy of New Orleans
<b>Active registration: Year first registered/discipline:</b>
2004/ LA/ Professional Engineer - License No. 31062 2006/ LA/ Structural Engineer - License No. 31062 2016/ CA/ Civil Engineer - License No. 85280
<b>Other experience and qualifications relevant to the proposed Project:</b>
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 design, and box culvert design. 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 coordinating with other design disciplines during the engineering design process. He has designed industrial pipe racks and coordinated with product piping systems engineers for a variety of product types. Much of Mr. Henry's design experience includes foundation design for numerous types of construction. He has perpared and overseen the perparation fo 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:**

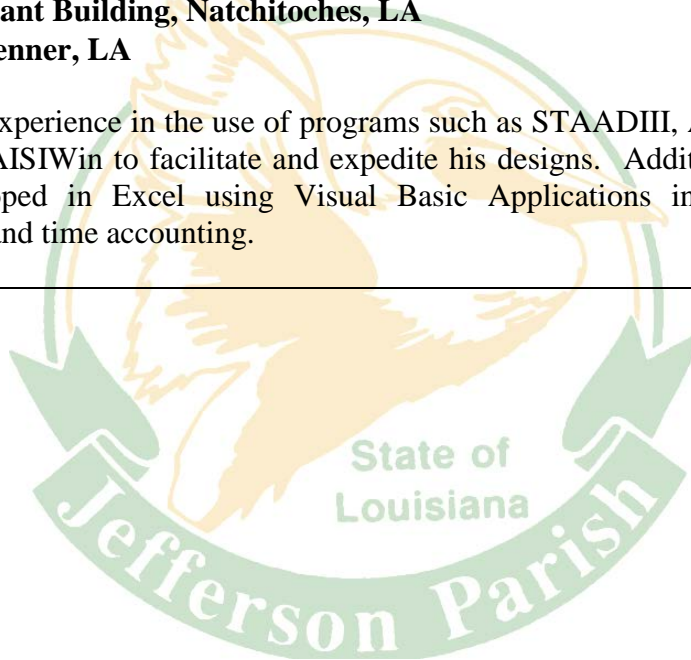
Structural /Civil Engineer

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.)**

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
<b>Kirk J. Henry, P.E., S.E.</b> Structural /Civil Engineer
<b>Project Assignment:</b>
Structural /Civil Engineer
<ul style="list-style-type: none"><li>• <b>First Premium Insurance Group, Covington, LA</b></li><li>• <b>LSMSA – Student Life Center, Natchitoches, LA</b></li><li>• <b>NSU – Physical Plant Building, Natchitoches, LA</b></li><li>• <b>Whitney Bank, Kenner, LA</b></li></ul> <p>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.</p>



**General Professional Services Questionnaire**

<b>PROJECT NO. 1</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>Westwego II Pump Station Improvements Westwego, LA</p> <p>Jefferson Parish Department of Public Works Drainage Department 1221 Elmwood Park Blvd. Jefferson, LA 70123 504-736-6784</p>	<p>Removal and replacement of two diesel engines, removal and replacement of air compressors, and miscellaneous, mechanical, electrical and control work renovations and repairs.</p>	
<b>Completion Date (actual or estimated):</b>	<b>Estimated Cost (in thousands):</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was responsible:</b>
September 2020	\$710	\$6710

<b>PROJECT NO. 2</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Description of Services Provided:</b>	
<p>Terry Parkway Drainage Improvements Terrytown, LA</p> <p>Jefferson Parish Department of Public Works 1221 Elmwood Park Blvd. Jefferson, LA 70123 504-736-6784</p>	<p>Design of box culvert for drainage.</p>	
<b>Completion Date (actual or estimated):</b>	<b>Estimated Cost (in thousands):</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was responsible:</b>
Phase 1 – 2013	\$4,700	\$4,700
Phase 2 - 2014	\$2,400	\$2,400



## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Daniel Bobeck, P.E. Principal Civil and Structural Engineer
<b>Project Assignment:</b>
Quality Assurance Quality Control
<b>Name of Firm with which associated:</b>
Perrin and Carter, Inc.
<b>Years' experience with this Firm:</b>
2 Year
<b>Education: Degree(s)/Year/Specialization:</b>
Bachelor of Science Civil & Environmental Engineering - 2009 University of New Orleans
<b>Active registration: Year first registered/discipline:</b>
2014 Civil Engineering License No. 38640
<b>Other experience and qualifications relevant to the proposed Project:</b>
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 year 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

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Jed Hellmich Senior Civil Engineer
<b>Project Assignment:</b>
Civil Engineer / Lead Engineer
<b>Name of Firm with which associated:</b>
Perrin and Carter, Inc.
<b>Years' experience with this Firm:</b>
2 Years
<b>Education: Degree(s)/Year/Specialization:</b>
BS Civil Engineering 2008 Auburn University MS Engineering 2011 University of New Orleans
<b>Active registration: Year first registered/discipline:</b>
2015 Civil Engineering
<b>Other experience and qualifications relevant to the proposed Project:</b>
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  
2811 B Toulouse St.  
New Orleans, LA 70119  
[jhellmich@basinengllc.com](mailto: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](mailto:jhellmich@basinengllc.com)

Office: (504) 766-0526

Cell: (251) 978-1631

## **Relevant Projects**

- South Claiborne Water Line Replacement (Sewerage and Water Board of New Orleans) – Assisted in the preparation of plans and specifications for the relocation of two 48" water mains along South Claiborne Ave in New Orleans, LA.
- City of New Orleans Water Line Replacement Marlyville-Fountainebleau Neighborhood (Sewerage and Water Board of New Orleans) - Assisted in the preparation of plans and specifications for the replacement of waterlines in the Marlyville-Fountainebleau neighborhood in New Orleans.
- Potable Waterline Management (Philips 66) – Responsible for the review and implementation of all new potable waterline designs and maintenance at Philips 66 Alliance Refinery in Belle Chasse, LA.
- CVS Pharmacies, Dollar Generals, Data Centers, Storage Facilities, and Industrial Facilities (Various Clients Nationwide) – Water line design using EPANET on various commercial developments across the United States. Projects typically consist of waterline horizontal and vertical layout, specifications, water main sizing, fitting and pipe design.
- Livingston Place East and West Water Line Replacement (Jefferson Parish) – Prepared plans and specifications for the replacement of 8" waterlines along Livingston Place East and West. This work was done in conjunction with roadway and drainage improvements.

**TEC Professional Services Questionnaire**

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Jonathan Catanzano, P.E.
<b>Project Assignment:</b>
Senior Civil Engineer
<b>Name of Firm with which associated:</b>
Perrin and Carter, Inc.
<b>Years' experience with this Firm:</b>
2 Months
<b>Education: Degree(s)/Year/Specialization:</b>
<b>Active registration: Year first registered/discipline:</b>
2019 - Civil Engineering
<b>Other experience and qualifications relevant to the proposed Project:</b>
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  
2081 Columbiana Road  
Vestavia Hills, AL 35216  
[jcatanzano@basinengllc.com](mailto: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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Vestavia Hills, AL 35216  
[jcatanzano@basinengllc.com](mailto:jcatanzano@basinengllc.com)  
Office: (504) 354-9881  
Cell: (205) 540-6297

- 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, pricing and project management of emergency bypass of (2) 6" and (1) 8" water/fire lines – UAB Inpatient Rehabilitation facility, Birmingham, AL
- Project management for construction of Birmingham Water Works Board Main Extension – UAB Zeigler Research Building, Birmingham, AL
- Project management for construction of Birmingham Water Works Board main replacement – 7<sup>th</sup> Avenue South, Birmingham, AL
- Design, permitting and construction administration of water main extensions, fire lines, domestic water supply and irrigation for various private developments, including:
  - Multi-use development with numerous tenants, public roadways and water main extension – Helena, AL
  - Memory Care of America – Olive Branch, MS, Madison, MS, Knoxville, TN, Savannah, GA
  - CVS/pharmacy – Avondale, LA, Leesville, LA, Metairie, LA, Mobile, AL, Birmingham, AL, Spanish Fort, AL, Louisville, KY, Columbia, TN, Nashville, TN, Memphis, TN, Pensacola, FL, Lynn Haven, FL
  - Dollar General – Houston, TX, San Antonio, TX, Harlington, TX, Pharr, TX, Kingsville, TX, Victoria, TX, Edinburg, TX
- Estimating and project management for installation of various fire lines, domestic water service and irrigation, including:
  - BHM Airport Air Cargo facility, Birmingham, AL
  - UAB Inpatient Rehabilitation facility, Birmingham, AL
  - Chick-fil-A, Tuscaloosa, AL
  - Brasfield & Gorrie Tower Addition, Birmingham, AL
  - UAB Science and Engineering Facility, Birmingham, AL
  - Waterside Residential Subdivision, Hueytown, AL
  - Jacksonville High School Addition, Jacksonville, AL
  - Lakeshore Self Storage, Jefferson County, AL
  - UAB Student Organization Facility, Birmingham, AL
  - Tri-Green Equipment, Leeds, AL
  - Alabama Fire College, Tuscaloosa, 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:						
12" Waterline Replacement  Life Storage - 6539 Westbank Expressway  Jefferson Parish Public Works (504) 736-6783	Engineer of record for the Life Storage Facility at 6539 Westbank Expressway. The project involved the removal and replacement of over 100 ft. of 12" waterline owned by Jefferson Parish. The existing portion of asbestos cement pipe was removed and replaced with C900 PVC. Long Body Transition Couplings were used to re-connect the pipe. 3 Tapping Sleeve and Valves were installed for new service connections. In line valves were installed at either end of the pipe replacement for future maintenance.						
Completion Date (Actual or estimated):	Estimated Cost:						
	<table> <tr> <th style="text-align: center;">Entire Project:</th><th style="text-align: center;">Work for which Firm was Responsible:</th></tr> <tr> <td>March 2023</td><td> <table> <tr> <td>\$7.5 Million</td><td>\$1.8 Million</td></tr> </table> </td></tr> </table>	Entire Project:	Work for which Firm was Responsible:	March 2023	<table> <tr> <td>\$7.5 Million</td><td>\$1.8 Million</td></tr> </table>	\$7.5 Million	\$1.8 Million
Entire Project:	Work for which Firm was Responsible:						
March 2023	<table> <tr> <td>\$7.5 Million</td><td>\$1.8 Million</td></tr> </table>	\$7.5 Million	\$1.8 Million				
\$7.5 Million	\$1.8 Million						

### PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:						
8" Water Line Design for Fire Protection 2" Water Line Design for Domestic Service  Floor and Decor 3609 Veterans Blvd. Metairie, LA  Floor and Decor Construction Design (404) 471-1634	Engineer of record for the waterline design for Floor and Decor store at 3609 Veterans Boulevard. The design included two new water services. One 8" C900 fire service and One 2" PE domestic service. Design included connection of new service of Jefferson Parish Water Main with tapping sleeve and valves as well as backflow prevention.  Engineer coordinated with Jefferson Parish public works to ensure connections were in compliance with Parish standards.						
Completion Date (Actual or estimated):	Estimated Cost:						
	<table> <tr> <th style="text-align: center;">Entire Project:</th><th style="text-align: center;">Work for which Firm was Responsible:</th></tr> <tr> <td>March 2023</td><td> <table> <tr> <td>\$4.9 Million</td><td>\$1.2 Million</td></tr> </table> </td></tr> </table>	Entire Project:	Work for which Firm was Responsible:	March 2023	<table> <tr> <td>\$4.9 Million</td><td>\$1.2 Million</td></tr> </table>	\$4.9 Million	\$1.2 Million
Entire Project:	Work for which Firm was Responsible:						
March 2023	<table> <tr> <td>\$4.9 Million</td><td>\$1.2 Million</td></tr> </table>	\$4.9 Million	\$1.2 Million				
\$4.9 Million	\$1.2 Million						

## TEC Professional Services Questionnaire

<b>PROJECT NO. 3</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility</b>	
Relocation of 48 inch Water Line  Two Mile Canal Marrero, LA  Jefferson Parish Dept. of Public Works 1221 Elmwood Blvd. Jefferson LA. 70123	Design to relocate 48 inch waterline for canal expansion and tie water line into existing water line 1/8 mile from the canal crossing.	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
1998	\$3 Million	\$3 Million

<b>PROJECT NO. 4</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Tolmas Drive Utility Relocations Metairie, LA.  Park Investments, Inc. 3421 N. Causeway Blvd. Metairie, LA.	Design and construcion administration to relocate water, sewer, and drainage, systems along Tolmas Drive to locate in a new Jefferson Parish servitude.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2017	\$700,000	\$700,000

## TEC Professional Services Questionnaire

<b>PROJECT NO. 5</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
8" Water Main Protection During Construction  Kenner CarMax Expansion 1601 32nd St. Kenner, LA  CarMax Construction (404) 358-4953	Engineer of record for an expansion of existing Kenner CarMax facility. The proposed expansion would involve construction over an existing 8" water main. Designed a typical section for use by the contractor to protect the existing water main from damage during the installation of fill and paving. This would ensure the main would not be damaged during the construction.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
December 2022	\$2 Million	\$2 Million

<b>PROJECT NO. 6</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Barataria/Patriot Intersection Improvements, Marrero, LA.  Jefferson Parish Dept. of Public Works 1221 Elmwood Park Blvd. Jefferson, LA. 70123	Design of drainage improvements for roadway design and intersection improvements including all utilities.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2002	\$2 Million	\$2 Million



## TEC Professional Services Questionnaire

<b>PROJECT NO. 7</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Water Main Design  Arabi Arts Market St. Bernard Parish, LA.  The Meraux Foundation (504) 330-2202	Engineer of record for the design of a new water service for the Arabi Arts Market Restroom Facility in St. Bernard Parish, LA. The project involved the design of a new water service connection to the proposed restroom facility to the St. Bernard Parish public sewer service .	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
August 2022	\$650,000	\$162,500

<b>PROJECT NO. 8</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
6" Water Main Extension 2" Water Main Extension  Life Storage 3401 Common St. Lake Charles, LA  Brookwood properties, LLC (504) 430-2063	Engineer of record for the design of 2 new water service lines in Lake Charles, LA. The project involved the jack and bore of a 2" and 6" water line under the interstate Highway 210 Service Rd. The project was designed in accordance with LADOTD standards including the design of required steel casing sleeves required under LADOTD roadways for protection of the waterlines.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
November 2022	\$8.2 Million	\$2 Million

## TEC Professional Services Questionnaire

<b>PROJECT NO. 9</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>Ames Blvd. Widening Phase I Marrero, LA.</p> <p>Jefferson Parish Dept. of Public Works 1221 Elmwood Park Blvd. Jefferson, LA. 70123</p>	<p>Design of streets, drainage, water, and sewer</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
<p>Projected 2024</p>	<p>\$8 Million</p>	<p>\$8 Million</p>

<b>PROJECT NO. 10</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>Harvey Blvd Extension Phase I-Peters Rd. on Manhattan Blvd. Harvey, LA.</p> <p>Jefferson Parish Dept. of Public Works 1221 Elmwood Park Blvd. Jefferson, LA. 70123</p>	<p>Design of 4 lane and 2 lane roadway, bridge, and associated utilities. Design includes relocation of a waterline, and all aspects of a civil roadway project.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
<p>Phase I revised 2025</p>	<p>\$15 Million</p>	<p>\$15 Million</p>

## TEC Professional Services Questionnaire

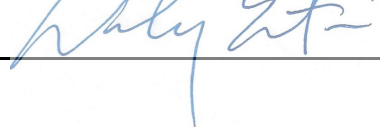
**M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary.**

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1. N/A		
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), is a diversified consulting engineering firm providing design services and construction administration for over 45 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 clients. Our staff has extensive experience utilizing AutoCAD, Microsoft Word, Excel, and a variety of computer structural analysis, drainage analysis, and utility design programs. P&C has an excellent record for meeting time constraints, and the skill, knowledge, and experience necessary to complete design projects in an efficient and timely manner, monitor project schedules, and provide resources to maintain quality control. Our Professionals are well versed in ensuring that our designs meet all building codes, (IBC) and ordinances required by Jefferson Parish and all governing bodies that must review construction projects. Staff members have membership in ASCE, ACI, AISC, SEI, and ACEC-LA that helps keep our professionals up to date on the latest code requirements for various construction types. Perrin & Carter is committed to providing all our clients high quality, personal, and professional service.

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

Signature:  Print Name: Wesley Eustis  
 Title: Principal Date: 06/21/2024