



# Jefferson Parish

State of Louisiana

## Routine Engineering Services for Streets Projects

SOQ No. 24-021

Jefferson Parish  
Purchasing Department  
200 Derbigny Street, Suite 4400  
Gretna, LA 70053

Prepared by:



H. Davis Cole &  
Associates, LLC

**Consulting Engineers**

New Orleans • Baton Rouge

## TEC Professional Services Questionnaire

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

### **Routine Engineering Services for Streets Projects**

**SOQ No. 24-021**

**Resolution No. 144319**

**B. Firm Name & Address:**



**H. Davis Cole & Associates, LLC**

1340 Poydras Street, Suite 1850

New Orleans, LA 70112

**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:**

H. Davis Cole, P.E.

Managing Member/ Principal Engineer

Phone: (504) 836-2020

Fax: (504) 836-2010

Email: [hdcole@hdaviscole.com](mailto:hdcole@hdaviscole.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.**

H. Davis Cole, P.E.

Managing Member/ Principal Engineer

Phone: (504) 836-2020

Fax: (504) 836-2010

Email: [hdcole@hdaviscole.com](mailto:hdcole@hdaviscole.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>--</u> Structural Engineers
<u>--</u> Chemical Engineers	<u>--</u> Geotechnical Engineers	<u>    </u> Graduate Engineers
<u>2</u> Civil Engineers	<u>--</u> Interior Designers	<u>1</u> Project Managers
<u>2</u> Construction Inspectors	<u>--</u> Landscape Architects	<u>--</u> Clerical
<u>--</u> Ecologists	<u>--</u> Land Surveyor	<u>--</u> Grant/Funding Specialist
<u>--</u> Electrical Engineers	<u>--</u> Mechanical Engineers	<u>--</u> Sanitary Engineers
<u>--</u> Engineer Intern	<u>--</u> Environmental Engineers	
<u>--</u> Professional Land Surveyors		<u>7</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. Not Applicable

2.

**H. Has this JOINT-VENTURE previously worked together? Please check:**

YES

☐

NO

☒

Not Applicable

**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. Not Applicable		
2.		
3.		
4.		
5.		

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

7

(The total number of employees available to contribute to the project from the Prime and Subconsultant Firms)



## 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 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 OR PROJECT:**

**Name & Title:**

**H. Davis Cole, P.E.**

*Managing Member/ Principal Engineer*

**Project Assignment:**

Principal Professional in-Charge

**Name of Firm with which associated:**



**H. Davis Cole & Associates, LLC**

**Years' experience with this Firm:**

15 Years (2006)

**Education: Degree(s)/Year/Specialization:**

BSCE, 1998, Civil & Environmental Engineering, Louisiana State University

**Active Registration: Year first registered/discipline:**

2002, Civil Engineer, Louisiana, No. 30219

**Other experience and qualifications relevant to the proposed Project:**

Mr. Cole founded H. Davis Cole & Associates, LLC in 2006 after serving several years with international, national, and local engineering firms. Mr. Cole has over two decades of experience working with various types of program management and civil engineering projects including wastewater, drainage, potable water, structural, and transportation improvement projects. Mr. Cole has served the Southeast Louisiana community for the past decade through his role as a Technical Advisor on many infrastructure improvement projects as well as the grant and program management of recovery programs following disasters. Mr. Cole's career has focused on providing civil and environmental engineering design solutions to municipal clients across the Gulf Coast.

#### **EXPERIENCE WITH JEFFERSON PARISH**

**Ames Boulevard Resurfacing (4th Street to West Bank Expressway), Jefferson Parish, LA.** HDCA provided construction administration and resident inspection services for the milling and overlaying of the existing 4-lane asphalt roadway in Jefferson Parish. The project also included asphalt patching, curb and gutter replacements, and the replacement of existing handicap ramps with ADA-compliant ramps. Mr. Cole served as technical advisor over the course of construction. (2021)

**Metairie Road Smart Growth Program: Causeway Boulevard Intersection, Jefferson Parish, LA.** HDCA is designing improvements at the intersection of Causeway Boulevard and Metairie Road as part of the overall revitalization and re-branding of the Metairie Road corridor. The scope of HDCA's project includes the removal and replacement of the existing asphalt, removal and replacement of ADA ramps, re-striping of the pedestrian crossings, and the addition of pedestrian lighting and landscaping elements. The project is currently in the final phase of design. Mr. Cole is serving as project manager and providing design oversight for all aspects of the project. (ongoing)

**Brown Avenue Canal Improvements, Jefferson Parish, LA.** HDCA designed improvements to the area surrounding Brown Avenue on the West Bank of Jefferson Parish. Improvements to the area included the enclosure of the Brown Avenue Canal utilizing approximately 1,125 linear feet of 96" reinforced concrete pipe arch as well as cold-planing segments of the existing Brown Avenue and overlaying with new asphalt. Upon completion of the construction of the first phase of the project, Jefferson parish increased the scope of the project to include the remaining section of Brown Avenue for improvements. Phase II of the project was successfully bid and construction as completed in 2021. Phase which completed closure of the canal as completed in May 2024. Mr. Cole provided services on all phases of this project. (2024)



## TEC Professional Services Questionnaire

**H. Davis Cole, P.E.**

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**N. Hullen Drainage Improvements, Jefferson Parish, LA.** HDCA provided professional engineering services to Jefferson Parish for drainage and roadway improvements on North Hullen Street. The improvements to the street included subsurface drainage capacity improvements between 7th Street and the West Esplanade Canal and a complete reconstruction of the existing roadway. Mr. Cole served as the project manager and oversaw the overall design and construction of the project. (2022)

**Improvements to the Ehret & Broas Lift Station (L-13-6), Jefferson Parish, LA.** HDCA is providing design, permitting, bid phase, and construction phase services related to the restoration of functionality at the existing lift station on the west bank of Jefferson Parish. The existing station is to be demolished and replaced with a new, relocated station. The new station includes a wet well, valve pit, control panel, and emergency pump out, along with submersible pumps and Variable Frequency Drives (VFDs). Construction of the project is underway. Mr. Cole is serving as Project Manager for the design of the project. (ongoing)

**Bayou Segnette Drainage Pump Station Improvements, Jefferson Parish, LA.** HDCA provided engineering services for improvements to the Bayou Segnette Drainage Pump Station No. 1. Improvements to the existing pump station included the construction of a catwalk system to connect the pump station building to the proposed new access bridge; demolition of the existing stationary bar racks upstream; construction of a new "Waskey" type bridge; installation of catenary type mechanical trash rack system; and required electrical and control facilities to support proposed improvements. HDCA is responsible for overall project management and design of all elements related to the mechanical trash rack system. Construction of the project is complete and Mr. Cole served as the project manager. (2022)

**Old Harvey Neighborhood Revitalization Study, Jefferson Parish, LA.** HDCA, as a part of a Joint Venture - Villavaso-HDCA, LLC, provided Jefferson Parish with a comprehensive revitalization assessment and conceptual plan for improvements to the Old Harvey neighborhood on the Westbank. The intent of the study was to identify the drivers of the area's blighted condition and develop a plan for revitalizing the area to better serve the vibrant, diverse community and spearhead economic growth. HDCA's role focused on community engagement and addressing existing infrastructure deficiencies to accommodate future growth. Public infrastructure improvement recommendations included drainage projects (capacity and canal safety/aesthetics), sewer improvements projects (capacity, elimination of overflow and backups), water improvement projects (capacity, larger water mains to encourage industrial/business development); and roadway improvement projects (traffic flow and access to areas of the community). Additional elements HDCA studied included improving environmental quality concerns, community facilities, recreational facilities, community safety, as well as potential funding sources and programs for the implementation of the recommendations. Mr. Cole served as the Principal Engineer on the study. (202 )

**Improvements to "Rheem" Building, Department of Drainage, Jefferson Parish, LA.** HDCA prepared plans and specifications for modifications to the Drainage Department's Yard Facility on the East Bank. Improvements included the addition of a dormitory and staging area for staff during emergency operations. Mr. Cole served as a Technical Advisor for the project, overseeing overall design of the improvements, as well as construction. The build-out was successfully constructed and is currently in-use. (2020)

**Evaluation and Repair of "Price Brothers" Force Mains, Jefferson Parish, LA.** HDCA provided engineering design and construction phase services for detailed evaluations of pre-stressed concrete cylinder pipe (PCCP) pipelines throughout Council Districts 1, 2, 3, and 4 in Jefferson Parish. These pipelines, alternatively referred to as "Price Brothers" pipe, are prone to rupture and present a potentially serious maintenance liability. HDCA evaluated various technologies and developed contract documents for an "as-needed", work-order basis evaluation program utilizing CCTV, electromagnetic, acoustic, and other evaluation techniques. Mr. Cole served as Technical Advisor. (2020)

**Rehabilitation of the Jonathan Davis Wastewater Treatment Plant, Department of Sewerage, Jefferson Parish, LA.** HDCA provided technical services for the complete structural, mechanical, and electrical rehabilitation of the Jonathan Davis Wastewater Treatment Plant in Lafitte, LA. The existing plant, a 1980s-vintage "Omega Type" Package Plant was to be replaced with a new state-of-the-art sequencing batch reactor plant and the existing effluent discharge into Bayou Barataria to be abandoned in favor of a new wetlands assimilation effluent discharge. Design of the new plant and effluent pump station has been completed however has not been slated for construction. Mr. Cole served as Technical Advisor. (2019)

**Rehabilitation of the Harvey Wastewater Treatment Plant, Department of Sewerage, Jefferson Parish, LA.** HDCA provided design, bidding, and construction administration services for the construction of improvements at the existing Harvey Wastewater Treatment Plant including construction of a new 107-foot diameter elevated trickling filter and rehabilitation of the

## TEC Professional Services Questionnaire

**H. Davis Cole, P.E.**

*continued*

existing trickling filter pump station. HDCA provided mechanical design of the new filter, yard piping modifications, site work, and overall project management. The new trickling filter was designed to treat up to 28 million gallons per day of sewage and contains over 108,000 cubic feet of polypropylene "random dump" type media and includes a 107" diameter hydraulically driven or "reaction-type" rotary distributor. Mr. Cole served as a technical advisor during the design phase and led construction administration efforts. (2016)

**Clearview Parkway / Earhart Expressway Interchange and Surrounding Areas Drainage Study, Jefferson Parish Department of Drainage, Jefferson, LA.** Mr. Cole, as Principal Engineer, oversaw the hydraulic modeling and engineering activities associated with this significant hydraulic evaluation effort aimed at solving recurring flooding issues associated with the Clearview Parkway/Earhart Expressway Interchange and the surrounding Elmwood area. For this, a hydraulic model was developed using PCSWMM modeling software for the approximate 70 acre drainage basin. Using the hydraulic model, many alternatives aimed at relieving the recurring flooding problems were evaluated. Recommendations included a series of storm water detention ponds within the interchange, a new 300 cubic foot per second drainage pumping station, and major improvements to St. Peters Ditch all totaling approximately \$30 M. (2006)

**Evaluation of Canal No. 10, Jefferson Parish Department of Drainage, Jefferson, LA.** For this effort, a hydraulic and physical evaluation of Canal No. 10 located in the northern portion of Kenner, Louisiana was conducted. Specifically, slope stability of the existing canal banks and hydraulic capacity of the existing canal were assessed. Given these parameters, recommendations were made to restore the canal to its required hydraulic capacity while stabilizing areas where slope stability was an issue. (2006)

**Willwood Lane Roadway Improvements, Jefferson Parish Department of Streets, Jefferson, LA.** This project involved the design of an addition of a third turning lane to this roadway. Also included were redesign of the roadway drainage systems, redesign of a railroad crossing, and permitting and coordinating with the railroad and various utilities. The construction cost opinion for the project was \$1.9 M. Mr. Cole served as the Principal Engineer. (2006)

**Lapalco Boulevard Overlay – Belle Chasse Highway to Wall Boulevard, Jefferson Parish Department of Streets, Jefferson, LA.** Mr. Cole served as the Principal Engineer for the construction phase of this project which involved roadway improvements, in accordance with DOTD standards, for a 0.6 mile 4-lane segment of Lapalco Boulevard. Included were pavement repairs, addition and adjustment of drainage structures, curb and gutter replacements, and approach slab replacements. Provision and oversight of DOTD Certified Inspectors was also within the scope of the project. The project construction cost was \$1.1 M. (2004)

**Lapalco Boulevard Overlay – Wall Boulevard to Timberlane Drive – Jefferson Parish Department of Streets, Jefferson, LA.** Mr. Cole served as the Principal Engineer for the design phase of this project. This project involves the design of roadway improvements, in accordance with LADOTD standards, for a 0.5 mile long, 4-lane segment of Lapalco Boulevard including pavement repairs, addition and adjustment of drainage structures, curb and gutter replacements, and approach slab replacements. The construction cost opinion was \$1.8 M. (2004)

**Lapalco Boulevard Overlay – Bayou Fatma to Brooklyn Avenue, Jefferson Parish Department of Streets, Jefferson, LA.** Mr. Cole served as the Principal Engineer for the design phase of this project which involves the design of roadway improvements, in accordance with LADOTD standards, for a 0.3 mile long, 4-lane segment of Lapalco Boulevard including: pavement repairs, addition and adjustment of drainage structures, and curb and gutter replacements. The construction cost opinion was \$1.7 M. (2004)

**West Bank Water Treatment Plant Filter Upgrade, Jefferson Parish Department of Water, Marrero, LA.** This project involved the replacement of existing sand media with a dual media (sand and anthracite), replacement of existing ceramic underdrains with plastic underdrains, replacement of filter-wash troughs, extension of filter gullet walls, and removal and replacement of the existing surface backwash system with a new air-scour backwash system at a 30 MGD surface water treatment plant. Also included was integration of the new filter backwash control system into the existing plant SCADA system. Mr. Cole served as the Project Engineer during the construction phase of the project. (2003)

**Marrero Wastewater Treatment Plant Consolidated Expansion, Jefferson Parish Department of Sewerage, Jefferson, LA.** Mr. Cole served as the Project Engineer on this project that involved designing a \$17 M, 4.85 million gallon per day expansion to a wastewater treatment plant located on the West Bank of Jefferson Parish in the community of Marrero, LA. Additional process units were designed including a trickling filter, solids contact basin, and primary and secondary clarifiers. Extensive modifications to the existing headworks, including new mechanical barscreens and a vortex grit removal system as well as a headworks bypass line, were designed as part of the proposed expansion. Also included in the design was expansion of odor control facilities to accommodate the additional unit processes. (2003)

## TEC Professional Services Questionnaire

**H. Davis Cole, P.E.**

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### **ROADWAY AND TRANSPORTATION PROJECTS**

**RR174, St. Claude Group I, City of New Orleans, LA.** HDCA is providing engineering services for RR174: St. Claude Group I. The scope of work includes the complete reconstruction of the roadway including the creation/ replacement of associated ADA ramps, driveway tie-ins, sidewalks, curb and gutter, and underground utilities including drainage, potable water, sewer. Mr. Cole is serving as Technical Advisor for the overall design of the project. The project is currently under construction. (ongoing)

**RR175, St. Claude Group J, City of New Orleans, LA.** HDCA is providing engineering services for RR175: St. Claude Group J. The scope of work includes the complete reconstruction of the roadway including the creation/ replacement of associated ADA ramps, driveway tie-ins, sidewalks, curb and gutter, and underground utilities including drainage, potable water, sewer. Mr. Cole is serving as Technical Advisor for the overall design of the project. The project is currently in the final stages of design. (ongoing)

**DOTD Submerged Roads Program - St. Bernard Parish Street Rehabilitation Program, St. Bernard Parish, Chalmette, LA.** HDCA provided construction administration and inspection services for this DOTD Submerged Roads Program project. HDCA provided Construction Engineering and Inspection (CE&I) services for this Parish-wide, multi-street project. The planned construction consisted of clearing and grubbing, grading, cold planing asphaltic concrete, and pavement patching. The materials to utilized included Class II Base course, Superpave asphaltic concrete overlay, Superpave asphaltic concrete pavement, and Portland Cement Concrete Pavement. Mr. Cole served as Technical Advisor for the firm's CE&I participation. Construction of the project has been completed. (2020)

**LaDOTD Sidewalks and Mixed-Use Recreational Path - Jean Lafitte Parkway, St. Bernard Parish, LA.** HDCA spearheaded the successful application of a DOTD Transportation Alternatives Program (LTAP) grant for St. Bernard Parish, resulting in the Parish being awarded a grant for the reconstruction of damaged sidewalks and new "Mixed Use Path" along Jean Lafitte Parkway. The proposed project includes the construction of a new ADA-compliant sidewalk along the northbound lanes of Jean Lafitte Parkway, a "mixed use" bicycle and pedestrian path along the southbound lanes of Jean Lafitte Parkway, and the planting of trees in the median of Jean Lafitte Parkway for beautification. The design and construction of the project will be in accordance with LaDOTD requirements. Mr. Cole provided engineering design and grants management for this project. The project is scheduled to be let by LDOTD in September 2024. (ongoing)


**Engineering Staff Augmentation, Department of Public Works, City of New Orleans, LA.** HDCA, as part of a Joint Venture with CSRS, Inc., recently assisted the City of New Orleans Department of Public Works through engineering staff augmentation for project management, design engineering, construction management, and cost estimating on an as-needed basis. Tasks included contract administration, design oversight and review to ensure compliance with DPW, LDOTD, FHWA, FEMA, EHP and railroad design guidelines, oversight of permitting activities, coordination with other agencies, review of construction documents, as well as the preparation of independent cost estimates and analyses of proposals for design services, construction estimates, and field changes. Mr. Cole served as a Principal-in-Charge of the program. (2020)

**Highway 61 and Kansas City Southern Railway Bridges over the Comite River Diversion Canal; U.S. Army Corps of Engineers, New Orleans District – East Baton Rouge Parish, LA.** The SBSA Group, Ltd. (an HDCA Joint Venture Company) was tasked with the design of two bridges along the proposed Comite River Diversion Canal. One bridge would provide a crossing for US Highway 61 over the canal and the other bridge would provide a crossing for the Kansas City Southern Railway over the canal. Both bridges are to be located in northern East Baton Rouge Parish, LA. HDCA acted as the Joint Venture Task Order Manager. The project also included the relocation of local roadways to tie into the new highway alignment, relocation of numerous utilities throughout the proposed corridor, installation of a temporary "shoofly" bypass track for the KCSRR and a temporary four-lane highway detour road for US 61 during construction. Mr. Cole served as Principal-in-Charge and Project Manager. Construction of the project is complete. (2015)

**Seventh Street Reconstruction Project, Department of Engineering, City of Slidell, LA.** HDCA provided engineering services for the reconstruction of Seventh Street from Gause Boulevard to Fremaux Avenue. Services included preparation of budgetary analysis for various resurfacing alternatives and preparation of plans and specifications for the selected option, which consisted of complete base reconstruction including stone base course, granular material sub-base, and 8 inches of asphalt. HDCA also provided construction phase services. Construction was successfully completed. (2012)



## TEC Professional Services Questionnaire

<b>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 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.</b>
<b>PROFESSIONAL IN CHARGE OR PROJECT:</b>
<b>Name &amp; Title:</b>
<b>Michael P. "Mike" D'Angelo, P.E., PLS</b> <i>Supervising Engineer / Project Manager / Professional-in-Charge</i>
<b>Project Assignment:</b>
Civil Engineer
<b>Name of Firm with which associated:</b>
 <b>H. Davis Cole &amp; Associates, LLC</b>
<b>Years' experience with this Firm:</b>
2 (2022 Present)
<b>Education: Degree(s)/Year/Specialization:</b>
Bachelor of Science 1 Civil Engineering Louisiana State University
Bachelor of Science 1 4 Petroleum Engineering Louisiana State University
<b>Active Registration: Year first registered/discipline:</b>
Professional Engineer (P.E.) (Louisiana) o. 2
Professional Land Surveyor (PLS) (L.S.) o. 4 4
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. D'Angelo is a Senior Project Manager whose main responsibility is to develop construction drawings technical specifications contract bid documents and construction cost estimates for civil engineering infrastructure projects. Mr. D'Angelo has design and construction administration management experience in projects involving levees floodgates street drainage improvements transmission pipelines water and sewerage pump stations water and gas distributions systems gas metering regulator stations SCADA systems water storage tanks storm water pump stations and sewerage collection and treatment systems. The majority of the civil projects designed and managed by Mr. D'Angelo have been for public entities within the State of Louisiana.</p> <p><b>GENERAL EXPERIENCE</b></p> <p><b>COVID Memorial Park / Farmer's Market / Splashpad, Jefferson Parish Department of Capital Projects, Jefferson Parish, LA</b></p> <p>Mr. D'Angelo is leading the HDC team for the civil and structural design of elements of this . million project within Jefferson Parish Council District o. . Through leveraging funding dedicated for health improvements along with American Rescue Plan Act (P.L.) funding HDC was instrumental from the conceptual planning phases through 100% design completion for this fast tracked project in Marrero LA. The new park farmer's market splash pad will serve a historically underserved community on the eastbank of Jefferson Parish LA. Mr. D'Angelo is leading HDC's efforts to coordinate with architects and other specialty disciplines to bring this project to public bid before the end of 2022. HDC is responsible for all civil site improvements and structural design of foundations for the splash pad and other elements of the entire complex.</p> <p><b>Waterline Improvements Along 31ST Street (Phoenix St. and Duncan St.), JPPW Project No. 2023-029-WRB, Jefferson Parish, LA</b></p> <p>The project includes the installation of new waterline along 31st Street between Phoenix Street and Duncan Street, including new service lines, hydrants, valves, all other related fittings and incidentals, and removal and replacement of roadway as necessary. The construction cost for this proposed project is approximately \$3.5 million. HDCA is the prime design engineer for the project is providing design, bidding, construction management, and resident inspection for the project. Design of the project is currently approximately 70% complete. Mr. D'Angelo is providing design, cost estimation, and overall quality control for the project.</p>

## TEC Professional Services Questionnaire

**Michael P. "Mike" D'Angelo, P.E., PLS**

continued

### **Brashear Avenue and LA Highway 70 Drainage Improvements Project, City of Morgan City, LA**

Mr. D'Angelo as the Project Engineer Manager for the design and construction for the installation of pre cast concrete arches ranging in size from 12' 4" to 24' in an existing earthen canal cast in place concrete foundation various sizes of bituminous coated corrugated metal pipe removal of existing drainage structures utility relocations and concrete head walls and wing walls. This project involved the use of LDOTD hydraulic software HD 020 to compute drainage pipe sizes.

### **Bayou Chene Floodgate & Bayou Teche Floodgate, St. Mary Levee District, LA**

Mr. D'Angelo led the design of the operating system and ballasting system for each of these separate steel string barge floodgates. The ballasting systems consisted of electrical submersible pumps as well as above deck centrifugal pumps. The operating system of each floodgate that facilitated the opening and closing of each floodgate used hydraulically powered cable anchors. Other aspects of the design included the use of natural gas and diesel generators. The Bayou Chene floodgate is over 400' in length and was installed to prevent backwater flooding to areas that normally flooded when the Morgan a Spillway was opened to divert flood stage levels of water from the Mississippi river to the Tchafalaya river in the spring season. Prepared construction cost estimates for both of these Projects which were estimated at \$0M for the Bayou Chene floodgate (includes flood wall and receiving Structure) and \$1M for the Bayou Teche floodgate (includes flood wall and receiving Structure).

### **Water Improvements Along Estalote Avenue (Westbank Expressway to Lester Avenue), JPPW Project No. 2023-022-WRB, Jefferson Parish, LA**

The project consists of installing new waterlines along Estalote Avenue from the Westbank Expressway to Lester Street, including all service lines, valves, hydrants, all other related fittings, and removal and replacement of roadway as necessary. The construction cost for this proposed project is approximately \$4 million. HDCA is the prime design engineer for the project is providing design, bidding, construction management, and resident inspection for the project. Design of the project is currently approximately 90% complete. Mr. D'Angelo is providing design, cost estimation, and overall quality control for the project.

### **Waterline Improvements at Jefferson Heights Neighborhood (S. Labarre Rd., Claiborne Ave. & Lausac St.), JPPW Project No. 2023-011B-WRB, Jefferson Parish, LA**

The project includes the installation of new waterline along S. Labarre Road, Claiborne Avenue and Lausac Street, including new service lines, hydrants, valves, all other related fittings and incidentals, and removal and replacement of roadway as necessary. Also included in this project is the design and permitting of waterline crossings of a major railway corridor featuring three (3) separate railroad companies. The construction cost for this proposed project is approximately \$5.0 million. HDCA is the prime design engineer for the project is providing design, bidding, construction management, and resident inspection for the project. Design of the project is currently approximately 70% complete. Mr. D'Angelo is providing design, cost estimation, and overall quality control for the project.

## **ROADWAY AND TRANSPORTATION PROJECTS**

### **Roadway and Drainage Improvements, Department of Public Works, City of New Orleans, LA**

Mr. D'Angelo was responsible for the design and development of construction drawings, technical specifications, and construction cost estimates for the reconstruction of over twenty-five (25) blocks of municipal streets within the City of New Orleans, LA for their Department of Public Works. The streets were split into two (2) separate projects for bidding purposes with each project estimated to cost approximately \$5M. The projects involved stormwater system design utilizing HYDR6020 software developed by the LA Department of Transportation and Development (LDOTD) as well as the design of water and sewer system improvements for the Sewerage and Water Board of New Orleans (SWBNO). The streets were reconstructed with surfaces consisting of unreinforced concrete or asphalt. Additionally, the streets were designed with various types of handicap ramps to meet American Disability Act (ADA) requirements, and new sidewalks were an integral part of the reconstruction. Project funding was provided in part by the Federal Emergency Management Administration (FEMA) so they provided specific requirements for the drawings, technical specifications, and construction cost estimates that were developed at the various design phases.

### **RR174, St. Claude Group I, Department of Public Works, City of New Orleans, LA.**

HDCA is providing engineering services for RR174: St. Claude Group I. The scope of work includes the complete reconstruction of the roadway including the creation/ replacement of associated ADA ramps, driveway tie-ins, sidewalks, curb and gutter, and underground utilities including drainage, potable water, sewer. Mr. D'Angelo is serving as Project Manager for the construction phase of the project. The project is currently under construction. (ongoing)

### **Hard Rock Collapse Project (Canal, Burgandy, Iberville, & N. Rampart), DPW 704, City of New Orleans, LA.**

HDCA is providing Construction Administration services for this fast-tracked project to repair the roadways, sidewalks, and underground utilities that were damaged due to the collapse of the Hard Rock Hotel. The project construction cost is \$6 million and will involve repairs to granite sidewalks, replacement of water and sewer lines, and complete street reconstruction along the city block surrounding the site (Canal Street, Burgandy Street, Iberville Street, and N. Rampart Street). The project is scheduled to be completed prior to the 2025 Superbowl to be hosted by the City of New Orleans. Mr. D'Angelo is serving as the Project Manager for this effort. (ongoing)

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT</b>
<b>Name &amp; Title:</b>
John Sonnier <i>CADD Designer / Construction Inspector</i>
<b>Project Assignment:</b>
Civil Designer
<b>Name of Firm with which associated:</b>
 <b>H. Davis Cole &amp; Associates, LLC</b>
<b>Years' experience with this Firm:</b>
1 (202 )
<b>Education: Degree(s)/Year/Specialization:</b>
B.S., Civil & Environmental Engineering, University of New Orleans <i>(in progress)</i>
<b>Active Registration: Year first registered/discipline:</b>
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. Sonnier is a civil engineering student who serves as a full time member of the Engineering Design team and assists with the creation of design documents for a wide variety of infrastructure projects. Mr. Sonnier is skilled in AutoCAD as well as the Adobe Creative Suite of programs. Mr. Sonnier also serves as a Construction Inspector for HDC.</p> <p><b>GENERAL EXPERIENCE</b></p> <p><b>New River Tilting Weir, Ascension Parish Government, Gonzales, LA.</b></p> <p>HDC designed bid and oversaw construction (including Resident Inspection) of a new 2.0 million tilting weir structure along the river in Gonzales LA. The structure allows for the water level in the river to be adjusted according to weather forecasts and emptied when dredging activities dictate. SCADA system was also installed to allow for remote monitoring and operation of the facility. Mr. Sonnier served as the Resident Inspector during the construction phase of this project.</p> <p><b>Louisiana National Guard, Bridge Crew Member, State of Louisiana</b></p> <p>Mr. Sonnier continues to serve in the Louisiana National Guard as a Specialist (E-4) as a Bridge Crew Member (12C). His duties and skills are as follows:</p> <ul style="list-style-type: none"> <li>• Extensive knowledge of demolitions and how to practice them in a safe setting</li> <li>• Maintaining updated knowledge on all military operated machines and life saving vehicles</li> <li>• Trained in combat positions</li> <li>• Certified in planning restrictions and deployment of temporary bridges</li> <li>• Able to maintain and operate heavy equipment</li> <li>• Licensed as an instructor, evaluator and Master Driver on all heavy equipment</li> <li>• Will follow orders regarding repairs needed.</li> <li>• Served in every major hurricane affecting Louisiana since 2014</li> <li>• Able to perform in extremely high stress environments</li> <li>• Able to confidently work with all aspects and backgrounds of people</li> </ul>



## TEC Professional Services Questionnaire

**John Sonnier**  
*continued*

**Water Improvements Along Estalote Avenue (Westbank Expressway to Lester Avenue), JPPW Project No. 2023-022-WRB, Jefferson Parish, LA**

The project consists of installing new waterlines along Estalote Avenue from the Westbank Expressway to Lester Street including all service lines valves hydrants all other related fittings and removal and replacement of road way as necessary. The construction cost for this proposed project is approximately 4 million. DC is the prime design engineer for the project is providing design bidding construction management and resident inspection for the project. Design of the project is currently approximately 0 complete. Mr. Sonnier is providing CADD, design, and cost estimation services for the project.

**Waterline Improvements at Jefferson Heights Neighborhood (S. Labarre Rd., Claiborne Ave. & Lausac St.), JPPW Project No. 2023-011B-WRB, Jefferson Parish, LA**

The project includes the installation of new waterline along S. Labarre Road Claiborne Avenue and Lausac Street including new service lines hydrants valves all other related fittings and incidentals and removal and replacement of road way as necessary. Also included in this project is the design and permitting of waterline crossings of a major rail way corridor featuring three (3) separate railroad companies. The construction cost for this proposed project is approximately .0 million. DC is the prime design engineer for the project is providing design bidding construction management and resident inspection for the project. Design of the project is currently approximately 0 complete. Mr. Sonnier is providing CADD, design, and cost estimation services for the project.

**Waterline Improvements Along 31ST Street (Phoenix St. and Duncan St.), JPPW Project No. 2023-029-WRB, Jefferson Parish, LA**

The project includes the installation of new waterline along 31st Street between Phoenix Street and Duncan Street including new service lines hydrants valves all other related fittings and incidentals and removal and replacement of road way as necessary. The construction cost for this proposed project is approximately .0 million. DC is the prime design engineer for the project is providing design bidding construction management and resident inspection for the project. Design of the project is currently approximately 0 complete. Mr. Sonnier is providing CADD, design and cost estimation services for the project.

### **ROADWAY AND TRANSPORTATION PROJECTS**

**Lurline Drive Drainage Improvements, City of Covington, Louisiana.**

HDCA designed, bid, and oversaw construction (including Resident Inspection) of installation of approximately 0.3 miles of subsurface drainage lines, including complete reconstruction of the concrete roadway. The project cost approximately \$1.25 million. Mr. Sonnier served as the Resident Inspector during the construction phase of this project. (2024)

**LaDOTD Sidewalks and Mixed-Use Recreational Path - Jean Lafitte Parkway, St. Bernard Parish, LA.**

HDCA spearheaded the successful application of a DOTD Transportation Alternatives Program (LTAP) grant for St. Bernard Parish, resulting in the Parish being awarded a grant for the reconstruction of damaged sidewalks and new "Mixed Use Path" along Jean Lafitte Parkway. The proposed project includes the construction of a new ADA-compliant sidewalk along the northbound lanes of Jean Lafitte Parkway, a "mixed use" bicycle and pedestrian path along the southbound lanes of Jean Lafitte Parkway, and the planting of trees in the median of Jean Lafitte Parkway for beautification. The design and construction of the project will be in accordance with LaDOTD requirements. Mr. Sonnier is providing CADD, design, and cost estimation services for this project. The project is scheduled to be let by LDOTD in September 2024. (ongoing)


**RR174, St. Claude Group I, Department of Public Works, City of New Orleans, LA.**

HDCA is providing engineering services for RR174: St. Claude Group I. The scope of work includes the complete reconstruction of the roadway including the creation/ replacement of associated ADA ramps, driveway tie-ins, sidewalks, curb and gutter, and underground utilities including drainage, potable water, sewer. Mr. Sonnier is serving as Construction Engineer for the construction phase of the project. The project is currently under construction. (ongoing)

**Hard Rock Collapse Project (Canal, Burgandy, Iberville, & N. Rampart), DPW 704, City of New Orleans, LA.**

HDCA is providing Construction Administration services for this fast-tracked project to repair the roadways, sidewalks, and underground utilities that were damaged due to the collapse of the Hard Rock Hotel. The project construction cost is \$6 million and will involve repairs to granite sidewalks, replacement of water and sewer lines, and complete street reconstruction along the city block surrounding the site (Canal Street, Burgandy Street, Iberville Street, and N. Rampart Street). The project is scheduled to be completed prior to the 2025 Superbowl to be hosted by the City of New Orleans. Mr. Sonnier is serving as the Construction Engineer for this effort. (ongoing)

## TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT
<b>Name &amp; Title:</b>
John Baucum Construction Manager
<b>Project Assignment:</b>
Resident Project Representative
<b>Name of Firm with which associated:</b>
 <b>H. Davis Cole &amp; Associates, LLC</b>
<b>Years' experience with this Firm:</b>
10 (2011)
<b>Education: Degree(s)/Year/Specialization:</b>
A.A., 2021, Business Administration, Pearl River Community College ASCE Construction Engineering Certificate Program (CERCE17)
<b>Active Registration: Year first registered/discipline:</b>
Traffic Control Supervisor & Technician Certification, ATSSA, 2018
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. Baucum is an experienced water &amp; sewer operator, with advanced knowledge of many aspects of public works construction. Mr. Baucum serves as a Construction Manager for HDCA, responsible for Construction Phase Services and Resident Inspection in support of design activities. Mr. Baucum's breadth of knowledge is evident in both his communications in the field and astute reporting of observations.</p> <p><b>EXPERIENCE WITH JEFFERSON PARISH</b></p> <p><b>Brown Avenue Canal Improvements, Jefferson Parish, LA.</b> HDCA is designing improvements to the area surrounding Brown Avenue on the West Bank of Jefferson Parish. Improvements to the area included the enclosure of the Brown Avenue Canal utilizing approximately 1,125 linear feet of 96" reinforced concrete pipe arch as well as cold-planing segments of the existing Brown Avenue and overlaying with new asphalt. Upon completion of the construction of the first phase of the project, Jefferson parish increased the scope of the project to include the remaining section of Brown Avenue for improvements. Phase II of the project was successfully bid and construction began in early 2021. Mr. Baucum is assisting with construction management of the project.(ongoing)</p> <p><b>Improvements to "Rheem" Building, Department of Drainage, Jefferson Parish, LA.</b> HDCA prepared plans and specifications for modifications to the Drainage Department's Yard Facility on the East Bank. Improvements included the addition of a dormitory and staging area for staff during emergency operations. Mr. Baucum also provided Resident Inspection Services periodically throughout construction of the project. Construction has been completed and the facility is now in-use. (2020)</p> <p><b>Sewer Lift Station L12-3 Rehabilitation, Department of Sewerage, Jefferson Parish, LA.</b> HDCA was selected to provide engineering analysis and design of a relocated lift station to replace an obsolete station currently in operation. The new station is a triplex station with three 100 HP submersible sewage-handling pumps. HDCA prepared bid documents for the new station and associated piping modifications. The overall station capacity is 3100 GPM. Construction cost was \$1.4 M and the project was completed successfully. Mr. Baucum served as Resident Project Representative. (2013)</p> <p><b>ROADWAY &amp; TRANSPORTATION</b></p> <p><b>Idaho Avenue Drainage Improvements, City of Kenner, LA.</b> HDCA provided "third-party" resident inspection services in support of construction administration activities for this project which included the construction of large diameter drainage piping along Idaho Avenue between 24th and 25th Streets in the City of Kenner. Mr. Baucum provided inspection services for excavation, bedding, and backfill for large diameter reinforced concrete pipe arch drain lines, relocation of existing water lines concrete pavement, and sidewalk reconstruction. Mr. Baucum also coordinated with the City, Contractor, and Residents to ensure that local businesses and residences were minimally impacted by the Contractor's operations. Construction was successfully completed. (2016)</p>

## TEC Professional Services Questionnaire

**John Baucum**

*continued*

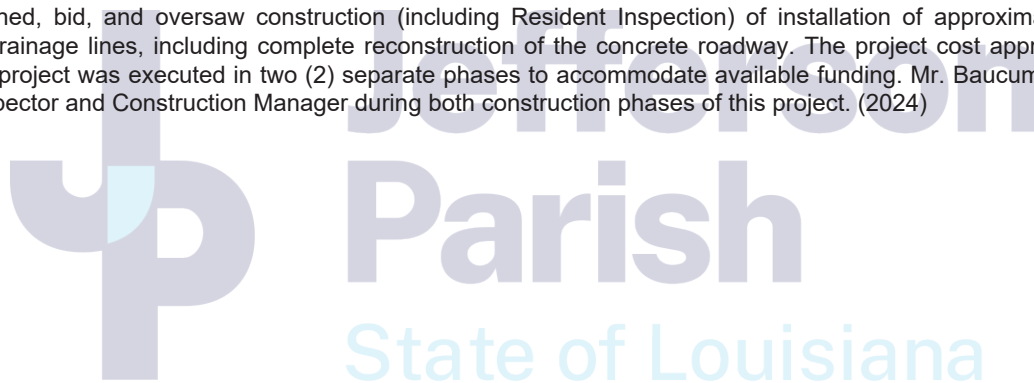
**DOTD Submerged Roads Program - St. Bernard Parish Street Rehabilitation Program, St. Bernard Parish, Chalmette, LA.** HDCA served as a subconsultant to Digital Engineering and Imaging Inc. for this DOTD Submerged Roads Program project. HDCA was responsible for Construction Engineering and Inspection (CE&I) services for this Parish-wide, multi-street project. The construction consisted of clearing and grubbing, grading, cold planing asphaltic concrete, and pavement patching. The materials utilized included Class II Base course, Superpave asphaltic concrete overlay, Superpave asphaltic concrete pavement, and Portland Cement Concrete Pavement. Mr. Baucum assisted with assessing and documenting roadway conditions and aiding in routine administrative tasks associated with the project. (ongoing)

**East Rutland Street Drainage Improvements, City of Covington, LA.** HDCA provided engineering design and construction phase services to the City of Covington for improvements to the existing roadway and subsurface drainage configuration on a block of East Rutland Street in historic downtown Covington. The project included the removal and replacement of the existing box culvert, storm drains, and catch basins that service the area and replacing them with new 24" storm pipe and trench drains. The scope also included the restoration of the existing roadway with PCCP and asphaltic overlay. HDCA also obtained a survey of the area, as well as a CCTV condition assessment of the existing box culvert on behalf of the City. Mr. Baucum provided periodic site inspections over the duration of construction. (2019)

**Reconstruction of Seventh Street, Department of Engineering City of Slidell, LA.** Mr. Baucum provided limited Construction Inspection Services for this project. through which he assisted with periodic inspection of construction quality, capture of images depicting the progress of the work, and assistance with in-field construction adjustments as required to suit actual conditions. (2012)


**Lurline Drive Drainage Improvements (Phases I & II), City of Covington, Louisiana.**

HDCA designed, bid, and oversaw construction (including Resident Inspection) of installation of approximately 1 mile of subsurface drainage lines, including complete reconstruction of the concrete roadway. The project cost approximately \$2.5 million. The project was executed in two (2) separate phases to accommodate available funding. Mr. Baucum served as the Resident Inspector and Construction Manager during both construction phases of this project. (2024)





## TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT
<b>Name &amp; Title:</b>
Jason Guy Construction Project Manager ( <i>Contractor</i> )
<b>Project Assignment:</b>
Construction Phase Services
<b>Name of Firm with which associated:</b>
 <b>H. Davis Cole &amp; Associates, LLC</b>
<b>Years' experience with this Firm:</b>
<i>Contractor</i> (Since 2015)
<b>Education: Degree(s)/Year/Specialization:</b>
B.S., 1995, Civil Engineering, Louisiana State University
<b>Active Registration: Year first registered/discipline:</b>
Not Applicable
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. Guy has a Bachelor of Science degree in Civil Engineering and over two decades of experience providing construction management, program management, estimating, quality control, surveying and design service for governmental and municipal infrastructure projects. He specializes in the construction administration of general municipal and private projects and has participated in the design of a wide variety of projects. Mr. Guy has been instrumental in the successful construction management of federally funded projects including the recovery efforts following Hurricanes Katrina &amp; Rita in St. Bernard Parish, Louisiana.</p> <p><b>ROADWAY AND TRANSPORTATION EXPERIENCE</b></p> <p><b>Roadway Rehabilitation Program, St. Bernard Parish Government, LA.</b> As a Construction Manager for the Roadway Rehabilitation Program, Mr. Guy has assisted in identifying and justification of additional eligible storm damage throughout both the design phase and construction phase for FEMA assessment. Mr. Guy has facilitated the resolution of construction-related field issues with third-party architects and engineers, contractors, and St. Bernard Parish Government. Mr. Guy works to ensure construction schedules are followed and maintained. Mr. Guy has also served as an Owner's Representative to address and resolve resident complaints related to the construction activities. (Ongoing)</p> <p><b>Canal Crossing Projects, St. Bernard Parish Government, LA.</b> Mr. Guy's duties included, but were not limited to, acquiring scope approval and funding authorization for project eligibility from FEMA (developing a Project Worksheet), facilitating proper procurement for A/E and construction services, identifying and justifying additional eligible storm damage throughout both the design phase and construction phase for FEMA assessment (versioning a Project Worksheet), reviewing, analyzing cost, a processing of contract amendments and change orders, processing all applications for payment while assuring compliance with State guidelines and FEMA eligibility. He was also responsible for holding regularly scheduled progress meetings with the A/E, contractor, and Owner during the construction phase, facilitating resolution of construction-related field issues with A/E, contractor, and Owner, serving as an Owner's representative to address and resolve resident complaints related to the construction activities, ensuring construction schedules are followed and maintained, performing regular site visits and project walk-throughs as part of invoicing and change order reviews, tracking all project-related costs and billings, facilitating project close-out for both construction and grants management (maintain project files and transmittals), reporting on a weekly basis updated project summaries for the Parish President. (Ongoing)</p> <p><b>DOTD Submerged Roads Program - St. Bernard Parish Street Rehabilitation Program, St. Bernard Parish, Chalmette, LA.</b> HDCA served as a subconsultant to Digital Engineering and Imaging Inc. for this DOTD Submerged Roads Program project. HDCA provided Construction Engineering and Inspection (CE&amp;I) services for this Parish-wide, multi-street project. The construction consisted of clearing and grubbing, grading, cold planing asphaltic concrete, and pavement patching. Materials</p>

## TEC Professional Services Questionnaire

### **Jason Guy** *continued*

utilized included Class II Base course, Superpave asphaltic concrete overlay, Superpave asphaltic concrete pavement, and Portland Cement Concrete Pavement. Mr. Guy represented HDCA both in the field and at construction progress meetings and was heavily involved in daily CE&I activities. Construction has been completed and the project is awaiting closeout. (ongoing)

**Program Management Services for FEMA Funded Capital Repairs – Gravity Sewer Repairs, Department of Public Works, St. Bernard Parish, LA.** Mr. Guy also handled the oversight of the cleaning, video inspection, and lining of approximately 500,000 linear feet of gravity sewer lines and approximately 1,500 manholes damaged by Hurricane Katrina in 2005. His responsibilities included coordination with State and Federal FEMA officials, scope alignment, tracking, and management of project worksheets and versions, and determination and inspection of uncaptured damages. During Mr. Guy's tenure of oversight, the project has been increased from zero Federally-obligated funding to a \$48 M program. (Ongoing)


**Lake Lery Marsh Creation CIAP Program Management, Department of Public Works, St. Bernard Parish, LA.** HDCA served as the Parish's Construction Program Manager for this Coastal Impact Assistance Program (CIAP) - funded project in Delacroix, Louisiana. The project involved dredging and material placement for the creation of approximately 67 acres of marsh in Lake Lery adjacent to Bayou Terre aux Boeufs. As Construction Program Manager, HDCA served as the Owner's Representative during construction, responsible for oversight of the construction administration process, coordination and interface with grant and regulatory agencies, overall grants management and closeout, and construction inspection. Mr. Guy assisted with field support services and construction administration for the duration of construction of Phase I of the project which was completed in 2017. HDCA was recently awarded Phase II of this project which will include the creation of an additional 23 acres of new marsh. (Ongoing)

**Task Order No. 3 - JIRR Program Assessment, Department of Public Works, City of New Orleans, LA.** HDCA, as part of a Joint Venture with CSRS, Inc., provided the City of New Orleans' Public Works Department with an overall assessment of the FEMA-funded Joint Infrastructure Road Recovery (JIRR) Project. The assessment included the overall evaluation of ongoing roadway projects, department manpower, management costs, operating procedures, construction market and vendor capacity, as well as recommendations to ensure successful JIRR program compliance in accordance with federal, state and city requirements. Mr. Guy was embedded within the Department to observe day-to-day operations and develop tailored recommendations aimed at improving the efficiency of the program's delivery. (2019)

**City of Central Flood Recovery, Project Management and Funding Management Program, City of Central, LA.** A team of HDCA and CSRS, Inc. staff members worked together to assist the City of Central following the devastating 1,000-year flood that impacted residents in August 2016. Our team assisted the City with program management, funding decisions, and the development of processes needed to expedite the obligation of disaster relief funding. Mr. Guy provided technical assistance in conducting damage assessments and cost estimates for the program. (2019)

**Delacroix Assembly Center, St. Bernard Parish, Louisiana.** HDCA provided professional engineering services for the Pavilion and Dockside Improvements to the Delacroix Assembly Center in St. Bernard Parish. The project included the preliminary and final design of the bulkhead & waterfront fishing pavilion, as well as a mobile boat hoist, travel crane platform, as well as overall improvements at the site including an access road. All phases of the project were successfully bid and constructed. Mr. Guy provided construction phase services over the course of construction. (2018)

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT</b>
<b>Name &amp; Title:</b>
Angie Triche Administrative/Project Controls
<b>Project Assignment:</b>
Administrative/Project Controls
<b>Name of Firm with which associated:</b>
 <b>H. Davis Cole &amp; Associates, LLC</b>
<b>Years' experience with this Firm:</b>
13 (2008)
<b>Education: Degree(s)/Year/Specialization:</b>
B.S., 2013, Management, University of Phoenix
<b>Active Registration: Year first registered/discipline:</b>
Not Applicable
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Ms. Triche serves as a Project Control Specialist at HDCA, responsible for financial and document controls for various projects. Ms. Triche has been responsible for the accounting management of task orders for The SBSA Group, HDCA's Joint Venture company. Additionally, Ms. Triche has skillfully managed the financial reporting aspect of the firm's involvement in the program management of the FEMA-funded hurricane recovery of St. Bernard Parish since the program's inception.</p> <p><b>Hurricane Recovery Administrative &amp; Program Management, St. Bernard Parish, LA.</b> Ms. Triche is serving as document control coordinator for the management of FEMA – funded recovery projects in St. Bernard Parish, Louisiana. Ms. Triche's duties include the logging and tracking of incoming documents, distribution of documents to the appropriate Program Manager or Parish Personnel, preparation and maintenance of Project Worksheet Files to ensure that all are ready for closeout, and invoice tracking. Ms. Triche's challenging role includes the tracking and maintenance of documents for over 550 individual projects. (ongoing)</p> <p><b>SBSA Task Orders 3, 7, 8, 9, 11, 13, 50, 64, 87, 92, 97.</b> Ms. Triche oversaw billing and invoicing for these task orders for the U.S. Army Corps of Engineers (USACE). These "Staff Extension" Task Orders required detailed invoicing and accounting procedures, and Ms. Triche was responsible for overseeing and coordinating all invoicing activities for multiple staff extension personnel in accordance with USACE standards. (2015)</p>



## 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:**

**RR 174 & RR 175: St.Claude Groups I & J (FRC)  
New Orleans, LA**

City of New Orleans  
1300 Perdido Street  
New Orleans, LA 70112

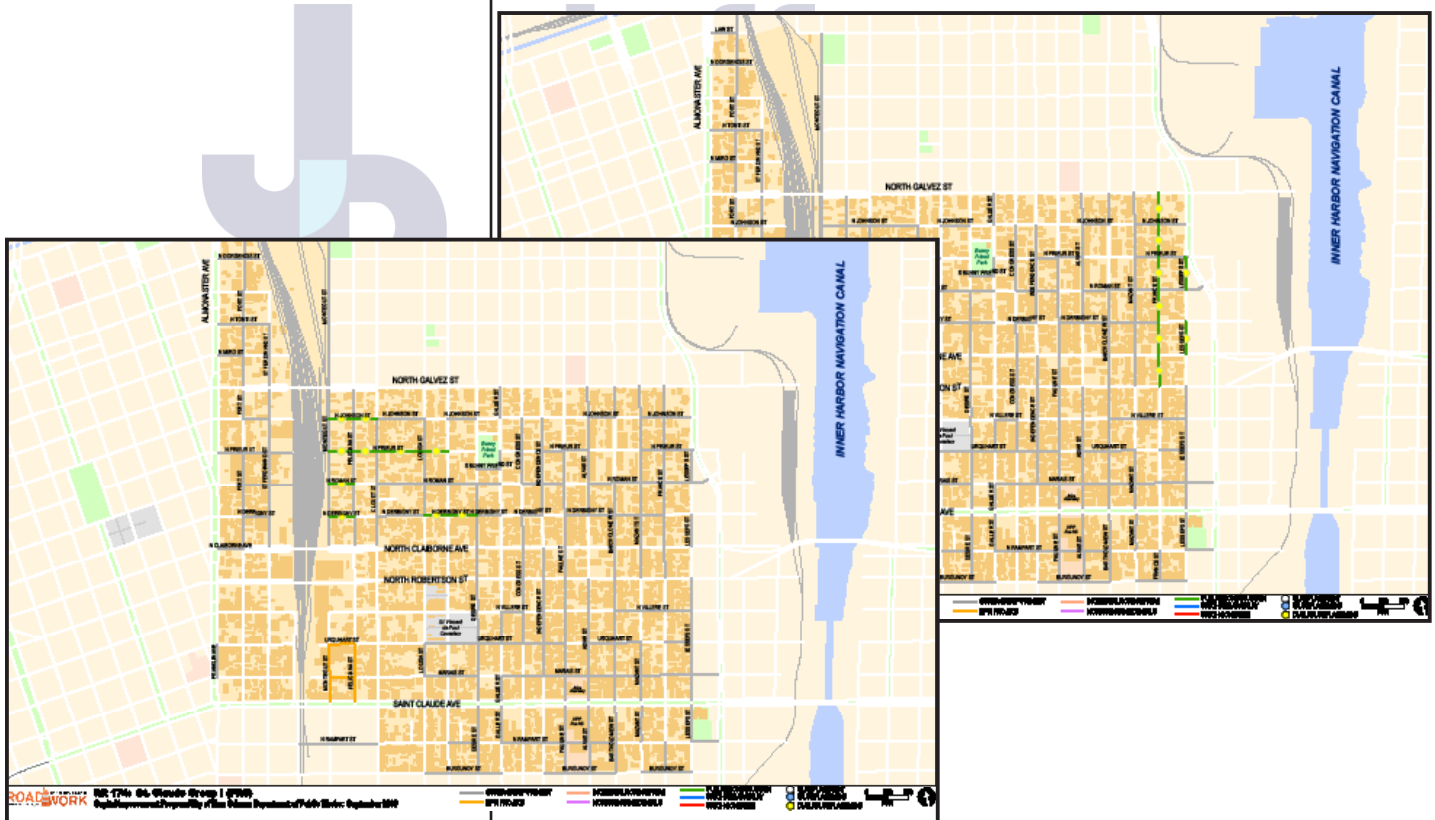
Marc Campbell, Program Manager  
(504) 658-8000  
marc.campbell@nola.gov

**Nature of Firm's Responsibility:**

HDCA, as a member of the joint venture, CSRS/HDCA, LLC is providing engineering services for RR174: St. Claude Group I and RR175: St. Claude Group J. The scope of work for both projects includes the complete reconstruction of the roadway including the creation/ replacement of associated ADA ramps, driveway tie-ins, sidewalks, curb and gutter, and underground utilities including drainage, potable water, sewer. RR174 is currently under construction and RR175 is awaiting public bidding for construction.

*Role: Preliminary Design, Final Design, Bid Phase Services, Construction Phase Services*

*Relevant Scope: Roadway Design, Curb and Gutter Design, Driveway and Sidewalk Design, ADA-compliance*



**Completion Date (Actual or Estimated):**

2025 (E)

**Estimated Cost:**

**Entire Project:**

\$8,000,000(E)

**Work for which Firm was Responsible:**

\$8,000,000(E)

## TEC Professional Services Questionnaire

<b>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.</b>		
<b>PROJECT NO. 2</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p><b>FEMA-Funded Hurricane Recovery and Restoration - Program Management Services: Roadway Repairs St. Bernard Parish, LA</b></p> <p>St. Bernard Parish Department of Public Works 1125 East St. Bernard Highway Chalmette, LA 70043</p> <p>Donald J. Bourgeois, Jr., Capital Projects Supervisor - 504-278-4314 dbourgeois@sbpg.net</p>	<p>HDCA personnel are serving as Program Managers for the Parish-wide repair of 31 Katrina-damaged local streets throughout St. Bernard Parish. Projects are performed on a work-order basis and involve concrete street panel replacements, asphalt street repairs, curb &amp; gutter and drain line repairs and replacements.</p> <p><i>Role: Design Review and Oversight, Construction Administration, Resident Project Representative Services</i></p> <p><i>Relevant Scope: Concrete and Asphalt Roadway Improvements</i></p>	
<b>Completion Date (Actual or Estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2022(A)	\$245,000,000.00	\$245,000,000.00
<b>PROJECT NO. 3</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p><b>Metairie Road Smart Growth: Causeway Boulevard Intersection Metairie, LA</b></p> <p>Jefferson Parish Department of Engineering 1221 Elmwood Park Blvd., Suite 802 Jefferson, LA 70123</p> <p>Angela DeSoto, P.E., Director (504) 736-6833 adesoto@jeffparish.net</p>	<p>HDCA is designing improvements at the intersection of Causeway Boulevard and Metairie Road as part of the overall revitalization and rebranding of the Metairie Road corridor. The scope of HDCA's project includes the removal and replacement of the existing asphalt, removal and replacement of ADA ramps, restriping of the pedestrian crossings, and the addition of pedestrian lighting and landscaping elements. The project is currently in the final phase of design.</p> <p><i>Role: Preliminary Design, Final Design, Bid Phase Services, Construction Phase Services</i></p> <p><i>Relevant Scope: Asphalt Roadway Design, ADA-compliance, Experience with Jefferson Parish</i></p>	
<b>Completion Date (Actual or Estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2025(E)	\$269,000.00 (E)	\$29,000.00 (fee)

## 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. 4

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p style="text-align: center;"><b>Brown Avenue Canal Improvements Harvey, LA</b></p> <p style="text-align: center;">Jefferson Parish Department of Engineering 1221 Elmwood Park Blvd., Suite 906 Jefferson, LA 70123</p> <p>John O'Connor, P.E., Project Manager (504) 736-6833 joconnor@jeffparish.net</p>	<p>HDCA designed improvements to the area surrounding Brown Avenue on the West Bank of Jefferson Parish. Improvements to the area included the enclosure of the Brown Avenue Canal utilizing approximately 1,125 linear feet of 96" reinforced concrete pipe arch as well as cold-planing segments of the existing Brown Avenue and overlaying with new asphalt. Construction of Phase 1 of the project was completed with HDCA providing construction phase services for the duration of the work.</p> <p>During construction of Phase I, Jefferson Parish expanded the scope of the project to include closing in another 400 feet of the canal along Brown Avenue. This phase of the project was successfully designed and bid and construction is complete. Phase III of the project was added to complete the canal closure in 2023 and construction of this final phase was completed in 2024.</p> <p><i>Role: Preliminary Design, Final Design, Bid Phase Services, Construction Phase Services</i></p> <p><i>Relevant Scope: Asphalt Roadway Replacement, ADA-compliance, Experience with Jefferson Parish</i></p>	
 <p style="text-align: center;"><i>Ongoing drainage and the accompanying roadway improvements along Brown Avenue in Harvey</i></p>	 <p style="text-align: right; color: orange;">01.08.2022</p>	
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2024(A)	\$2,300,000.00	\$2,300,000.00

## 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. 5

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>Ames Boulevard Resurfacing (4th Street to Westbank Expy) Marrero, LA</b></p> <p>Jefferson Parish Department of Engineering 1221 Elmwood Park Blvd., Suite 906 Jefferson, LA 70123</p> <p>Mark Roberts, P.E., Project Manager (504) 736-6833 mroberts@jeffparish.net</p>	<p>HDCA provided construction administration and resident inspection services for the milling and overlaying of the existing 4-lane asphalt roadway in Jefferson Parish. The project also included asphalt patching, curb and gutter replacements, and the replacement of existing handicap ramps with ADA-compliant ramps. Construction of the project has been completed.</p> <p><i>Role: Construction Phase Services &amp; Resident Inspection Services</i></p> <p><i>Relevant Scope: Asphalt Roadway Resurfacing, ADA-compliance, Experience with Jefferson Parish</i></p> <div style="display: flex; justify-content: space-around;">   </div>	
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2022(E)	\$416,000.00 (E)	\$58,000.00 (fee)

### PROJECT NO. 6

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>LaDOTD Sidewalks and Mixed-Use Recreational Path - Jean Lafitte Parkway Chalmette, LA</b></p> <p>St. Bernard Parish Department of Public Works 1125 East St. Bernard Highway Chalmette, LA 70043</p> <p>Donald J. Bourgeois, Jr., Capital Projects Supervisor - 504-278-4314 dbourgeois@sbgp.net</p>	<p>H. Davis Cole &amp; Associates, LLC (HDCA) successfully applied for the DOTD Transportation Alternatives Program (DOTDTAP) grant for St. Bernard Parish, resulting in the Parish being awarded a grant for the reconstruction of damaged sidewalks and new "Mixed Use Path" along Jean Lafitte Parkway. The proposed project includes the construction of a new ADA-compliant sidewalk along the northbound lanes of Jean Lafitte Parkway, a "mixed use" bicycle and pedestrian path along the southbound lanes of Jean Lafitte Parkway, and the planting of trees in the median of Jean Lafitte Parkway for beautification. The design and construction of the project will be in accordance with LaDOTD requirements.</p> <p><i>Role: Preliminary Design, Final Design, Bid Phase Services, Construction Phase Services</i></p> <p><i>Relevant Scope: Mixed Use Pathway Design</i></p>	
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2025 (E)	\$800,000.00 (E)	\$800,000.00 (E)



## 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. 7

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>Engineering Staff Augmentation Services</b> <b>New Orleans, LA</b></p> <p>City of New Orleans 1300 Perdido Street New Orleans, LA 70112</p> <p>Khalid Saleh, PhD Project Managers Supervisor (504) 658-8000 khalid.saleh@nola.gov</p>	<p>HDCA, as part of a Joint Venture with CSRS, Inc., provided engineering staff augmentation services to the City of New Orleans' Department of Public Works on an as-needed basis. When requested, HDCA staff members worked closely with City of New Orleans personnel to assist with project management, design engineering, construction management, and cost estimating for upcoming and ongoing roadway projects. HDCA's responsibilities included contract administration; design oversight and review to ensure compliance with DPW, LDOTD, FHWA, FEMA, EHP and railroad design guidelines; oversight of permitting activities; agency coordination; review of construction documents; as well as the preparation of independent cost estimates and analyses of proposals for design services, construction estimates, and field changes.</p> <p>HDCA personnel led the team's initiative to provide City officials with weekly progress updates, as well as bi-weekly in-person meetings. Weekly updates included deliverables, priorities, action items, and budgetary expenditures. HDCA personnel worked closely with the City to develop a plan review checklist to ensure conformity across all agencies. The goal of the project was to develop a streamlined design review process to ensure grant compliance and consistency amongst the multitude of roadway projects being undertaken by the City.</p> <p><i>Role: Design Review and Oversight, Construction Administration</i></p> <p><i>Relevant Scope: Roadway Program Management &amp; Design Review</i></p>	
<div style="display: flex; justify-content: space-around;">    </div> <p><i>Inventory of existing roadway conditions showing where patching of damaged roadways occurred rather than complete rehabilitation.</i></p>		
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020	NA	\$3,000,000 (JV NTE fee)

## 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. 8

**Project Name, Location and Owner's contact information:**

**Nature of Firm's Responsibility:**

**Seventh Street  
Reconstruction Project  
Slidell, LA**

City of Slidell  
Department of Engineering  
Post Office Box 828  
Slidell, LA 70459

Blaine Clancy, P.E., City Engineer  
985-646-4270  
bclancy@cityofslidell.org

HDCA provided engineering services for the reconstruction of Seventh Street from Gause Boulevard to Fremaux Avenue. Services included preparation of budgetary analysis for various resurfacing alternatives and preparation of plans and specifications for the selected option which included 8 inches of asphalt atop a stone & granular material base. HDCA provided technical support for funding negotiations as well as services related to drainage improvements. HDCA also provided construction phase engineering services.

*Role: Preliminary Design, Final Design, Bid Phase Services, Construction Phase Services, Resident Inspection Services*

*Relevant Scope: Asphalt Roadway Reconstruction*



*Seventh Street after Reconstruction*



*Seventh Street Prior to Reconstruction*

**Completion Date (Actual or Estimated):**

**Estimated Cost:**

**Entire Project:**

**Work for which Firm was Responsible:**

2012

\$1,035,000.00

\$120,000.00 (fee)



## 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. 9

**Project Name, Location and Owner's contact information:**

**East Rutland Street Drainage Improvements  
Covington, LA**

City of Covington  
Department of Engineering  
317 North Jefferson Avenue  
Covington, LA 70433

Callie Baker, City Engineer  
985-892-1811  
cbaker@covla.com



**Nature of Firm's Responsibility:**

HDCA provided engineering design services to the City of Covington for improvements to the existing roadway and subsurface drainage configuration on a block of East Rutland Street in historic downtown Covington. The project included the removal and replacement of the existing box culvert, storm drains, and catch basins that service the area and replacing them with new 24" storm pipe and trench drains. The scope also included the restoration of the existing roadway with PCCP and asphaltic overlay. HDCA also obtained a survey of the area, as well as a CCTV condition assessment of the existing box culvert on behalf of the City.

*Role: Preliminary Design, Final Design, Bid Phase Services, Construction Phase Services*

*Relevant Scope: Asphalt Roadway Replacement*



*Completed Improvements to E. Rutland Street in Downtown Covington*

**Completion Date (Actual or Estimated):**

**Estimated Cost:**

**Entire Project:**

**Work for which Firm was Responsible:**

2019



\$335,000.00

\$34,000 (fee)

## 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. 10

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p style="text-align: center;"><b>DOTD Submerged Roads Program: St. Bernard Parish Street Rehabilitation Program</b> <b>St. Bernard Parish, LA</b></p> <p style="text-align: center;">St. Bernard Parish Department of Public Works 1125 East St. Bernard Highway Chalmette, LA 70043</p> <p>Donald J. Bourgeois, Jr., Capital Projects Supervisor - 504-278-4314 dbourgeois@sbpg.net</p>	<p>HDCA served as a subconsultant to Digital Engineering and Imaging Inc. for this DOTD Submerged Roads Program project. HDCA provided Construction Engineering and Inspection (CE&amp;I) services for this Parish-wide, multi-street project. The construction consisted of clearing and grubbing, grading, cold planing asphaltic concrete, and pavement patching. The materials utilized included Class II Base course, Superpave asphaltic concrete overlay, Superpave asphaltic concrete pavement, and Portland Cement Concrete Pavement. Construction has been completed and the project is in closeout.</p> <p>The street rehabilitation occurred on the following St. Bernard Parish roadways:</p> <ul style="list-style-type: none"> <li>Archbishop Hannan Blvd (LA 46 to LA 39)</li> <li>Colonial Blvd (LA 46 to LA 39)</li> <li>E. Genie St (Parish Rd to Golden Dr)</li> <li>Friscoville Avenue (N Peters St to LA 46)</li> <li>Mehle St (LA 39 to Patricia St)</li> <li>Mehle St (N Peters St to LA 46)</li> <li>Pakenham Dr (LA 39 to N Derbigny St)</li> <li>Palmisano Blvd (LA 39 to Magistrate St)</li> <li>Patricia St (Kings Dr to Pakenham Dr)</li> <li>Patricia St (Mehle St to Cougar Dr)</li> <li>Rowley Blvd (LA 39 to Patricia St)</li> <li>W Genie St (Pakenham Dr to Parish Rd)</li> </ul> <p><i>Role: Construction Administration, Resident Project Representative Services</i></p> <p><i>Relevant Scope: Concrete and Asphalt Roadway Improvements</i></p>	
		
	<p><i>Completed Improvements to various concrete roadways in St. Bernard Parish</i></p>	
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2022 (A)	\$6,122,000.00	\$159,000.00 (fee)



## 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.	HDCA has never been involved in litigation with Jefferson Parish.	
2.		
3.		
4.		

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



**H. Davis Cole & Associates, LLC**  
Consulting Engineers

H. Davis Cole & Associates, LLC (HDCA) was established on the principle of providing exceptional client service by maintaining the following values:

1. *Performance* – Provide quality products & services within schedule and budget
2. *Quality* – Maintain a real commitment to quality and strict adherence to industry standard practices and standards of care
3. *Teamwork* – Establish and maintain a teamwork environment & relationship with the client

HDCA was founded in 2006 and has rapidly grown to be a leader in providing exceptional client services to meet the public works engineering and environmental needs of municipal, governmental, and private sector through performance, quality, and teamwork. Our highly qualified team of motivated professionals provides a variety of services that include design, engineering and analyses, field investigations, construction management, construction inspection, computer modeling, environmental documentation, permitting, and regulatory support. For the **third year in a row**, HDCA was included in the LSU 100 for 2018, which recognizes the fastest growing LSU-alumni-owned businesses in the world. Each year, the award distinguishes one hundred successful entrepreneurs hailing from Louisiana State University who best embody the institution's values, character and leadership. The company is licensed in the States of Louisiana, Mississippi, Florida and Texas with professional engineers registered in all four states as well as Ohio. HDCA offices are located in Chalmette, Baton Rouge, and New Orleans, Louisiana.

HDCA's staff members have a plethora of experience in Civil and Environmental Engineering, all of which is in the design and construction oversight of major infrastructure projects in an engineering consulting firm setting. The primary areas of expertise



**LOUISIANA  
ECONOMIC  
DEVELOPMENT**

Certified Small Entrepreneurship • Hudson Initiative

## TEC Professional Services Questionnaire

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for the HDCA staff is in the drainage, roadway and water & wastewater arenas. The vast majority of HDCA's workload has been in the federally funded capital repair sector, including program and project management, design, and eligibility assessment and inspection services. HDCA has also provided technical services to various industrial entities. Furthermore, HDCA was an equity partner of a joint venture corporation, The SBSA Group, Ltd., which was a Prime Contractor for a \$50M USACE IDIQ contract.

### **PROFESSIONAL TRAINING AND EXPERIENCE**

HDCA has worked with almost every facet of the public sector and the private industry, serving individual clients with the utmost professionalism. The personnel at HDCA possess a wide range of experience in terms of both project type and magnitude. This is evidenced in the résumés of our key personnel provided within this Questionnaire.

HDCA possesses significant in-house capabilities, including Computer Aided Design and Drafting (CADD) capabilities using AutoCAD, MicroStation and structural modeling utilizing RISA-3D software package. HDCA also possesses significant sewer and water modeling capabilities through Bentley SewerGEMS and expertise with EPANET. HDCA is committed to maintaining the latest technology available to our profession to improve our ability to stay connected and accessible to our clients. This commitment extends into the production aspects of our business by using technology to improve our work efficiency and accuracy. This commitment to technology results in significant savings to our clients in both the schedule and budget.

To supplement our in-house staff capabilities and expertise, we maintain an extensive professional network and have maintained strong personal and professional relationships with large & small specialty firms that provide supporting services such as wetlands specialists, FEMA specialists, grant managers, electrical engineering, structural engineering, geotechnical engineering, environmental engineering, land surveying, and materials testing / inspections / construction quality control services, on whom we rely as needed to assist us in special design considerations that are outside our area of expertise. These relationships allow us to provide comprehensive, turn-key, engineering services to our clients. As required, we employ capable, experienced sub-consultants on an as needed basis for specialized tasks.

HDCA personnel have successfully managed and/or participated in a variety of projects including U.S. Army Corps of Engineers (USACE) projects, FEMA Hurricane Recovery and Restoration Program Management and Engineering Design Projects, FEMA Hazard Mitigation Grant Program Planning and Engineering Design Projects, Louisiana Community Development Block Grant (LCDBG) Program Projects, and general engineering design.

### **CAPACITY & ABILITY FOR TIMELY COMPLETION**

Based on the firm's current and expected project workload and schedule, HDCA is capable of allocating the necessary resources and manpower required to support Jefferson Parish on any assigned streets project. The contract and project management philosophy of HDCA is to maintain a strong working relationship with the client to protect your interests and accomplish project goals in a cost effective, responsive, and responsible manner. These interests and goals are to produce and deliver the highest quality projects that are welcomed by all stakeholders, and are technically and environmentally sound, affordable and completed within the project schedule.

*Below is a table depicting all of HDCA's active projects for Jefferson Parish:*

Project Name	Stage
Feasibility Study for Consolidation of the Harvey & Marrero WWTPs	Study Phase (ongoing)
Waterline Improvements Along Estalote Avenue (WBE to Lester Ave)	Design Phase (ongoing)
Timberview Lane Sewer Pump Station Rehabilitation	Design Phase Complete (awaiting bidding & Construction)
COVID Memorial Park / Farmer's Market / Splash Pad	Construction Phase (ongoing)
Ehret & Broas Lift Station	Construction Phase (ongoing)
Metairie Road Smart Growth - Causeway Interchange	Design Phase
Waterline Improvements at Jefferson Heights Neighborhood	Design Phase

## TEC Professional Services Questionnaire

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

South Kenner Library (sub to N-Y Associates)	Design Phase
Waterline Improvements Along 31st Street (Phoenix St. to Duncan St.)	Design Phase
Cousins Blvd. Extension (sub to Digital Engineering)	Construction Phase Services Only (Not Yet Started)
Avondale Library (sub to N-Y Associates)	Construction Phase

HDCA personnel are adept at managing multiple projects in varying phases of design and construction at any given time. This is accomplished through clear communication of goals and expectations with our clients at every phase.

### **LITIGATION STATEMENT**

HDCA has never been involved in litigation with Jefferson Parish.

### **PAST PERFORMANCE ON PUBLIC CONTRACTS**

HDCA staff members have a history of superior performance on contracts with government, state, and local agencies as well as with private industry. The firm has been routinely recognized by our governmental clients as extremely responsive and competent in the services that we have provided. Our personnel have a consistent track record of providing quality projects to clients within both schedule and budget. This is evidenced by our staff's long standing relationships and repeat business with clients including the City of Slidell, St. Bernard Parish and Jefferson Parish.



HDCA is certified under the Small Entrepreneurship Program as a Hudson Initiative Certified Firm by the Louisiana Department of Economic Development. HDCA has sufficient engineering and administrative support personnel to provide comprehensive professional services to Jefferson Parish for the duration of the project.

### **ROADWAY AND TRANSPORTATION FAMILIARITY**

HDCA personnel have provided both traditional roadway design services, as well as design review and oversight through our program management and construction administration experiences. As evidenced by the projects included in the Project Experience section of this TEC Questionnaire, HDCA personnel have provided design services for road projects from scoping the project for a DOTD-funded LTAP grant application through to construction administration. Our roadway portfolio spans from standard mill-and-overlay asphalt improvement projects, mixed-use pathway design, and full concrete roadway reconstruction. Additionally, the firm has provided construction administration and design review services to multiple clients to ensure roadway projects meet grant requirements and design standards while always keeping public safety as a top priority.

HDCA personnel provided professional services to nearby City of New Orleans on multiple roadway projects, including from 2011- 2016 in which the firm provided federal- and state- grant management and administration following Hurricanes Katrina & Rita. The firm's services included the overall road and infrastructure damage assessment and data management which resulted in the \$1.2B settlement from FEMA. HDCA was heavily involved with the disbursement and tracking of these grants through the construction management of roadway projects, including design review, field change reviews and change order management. Projects included roadway restorations, including PCCP and asphalt streets, curb and gutter replacements, sidewalks, drive aprons, ADA ramps, and miscellaneous drain line repairs and replacements.

More recently, HDCA, as part of a Joint Venture with CSRS, Inc., provided engineering staff augmentation services to the City of New Orleans' Department of Public Works on an as-needed basis from 2018-2020. When requested, HDCA personnel worked closely with DPW to assist with project management, design engineering, qa/qc reviews, construction management, and cost estimating for roadway projects. HDCA's responsibilities included contract administration; design oversight and review to ensure compliance with DPW, LDOTD, FHWA, FEMA, EHP and railroad design guidelines; oversight of permitting activities; agency coordination; review of construction documents; as well as the preparation of independent cost estimates and analyses of proposals for design services, construction estimates, and field changes. HDCA also led the team's initiative to provide CNO officials with weekly progress

## TEC Professional Services Questionnaire

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

updates, as well as bi-weekly in-person meetings. Weekly updates included deliverables, priorities, action items, and budgetary expenditures. HDCA personnel worked closely with the City to develop a plan review checklist to ensure conformity across all agencies. The goal of the project was to develop a streamlined design review process



to ensure grant compliance and consistency amongst the multitude of roadway projects being undertaken by the City.

Additionally, in 2019, HDCA personnel members assisted the City through a JIRR Program Assessment to provide the City with an overall assessment of the JIRR program including an overall evaluation of ongoing roadway projects, department manpower, management costs, operating procedures, construction market and vendor capacity, as well as recommendations to ensure successful JIRR compliance in accordance with federal, state, and local requirements.

HDCA, as part of a joint venture, was selected to design RR175: St. Claude Group 'J' and RR174: St. Claude Group 'I'. The scopes of work for both projects will include the complete roadway reconstruction, including the creation/replacement of associated ADA ramps, driveway tie-ins, sidewalks, curb and gutters, and all underground utilities including drainage, potable water, and sewer connections. Both projects are in the final stages of design with construction anticipated in Summer 2022. HDCA has also provided roadway engineering design as a byproduct of the firm's numerous underground utility improvement projects. Roadway improvements often go hand-in-hand with sewer, drainage, and water distribution systems, making it one of the branches of civil engineering most commonly designed by HDCA. Professional people and professional decisions equal positive end results - our goal for all of our clients. The HDCA management philosophy is further embodied in our corporate mission statement, "**Exceptional client service through performance, quality, and teamwork**".

### **LOCAL INVOLVEMENT & KNOWLEDGE**

HDCA is a **LOCAL** Hudson Initiative certified, small business and being involved and giving back to our community is woven into the firm's leadership. Our corporate headquarters is located in nearby New Orleans at 1340 Poydras St. in the Orleans Tower. This proximity will allow our project managers and design team to be on-site quickly to any project assigned. We are also readily available to attend and assist with any meetings regarding the project, regardless of whether meetings are held at the project site or at a Jefferson Parish Government location.

We're a local firm and our roots are firmly planted in the area. Our staff members will be dedicated to providing the highest level of professional services to ensure the integrity of any project assigned. HDCA staff members care about the metropolitan area and feel passionately about maintaining and improving the assets that are integral to our community.

HDCA personnel have previous experience serving Jefferson Parish on infrastructure improvement projects in the engineering areas of roadway & transportation, drainage infrastructure, wastewater collection and treatment, and potable water treatment. Our firm values our relationship with Jefferson Parish and looks forward to the opportunity

to continue to serve our neighbors.

### **MINIMUM REQUIREMENTS FOR SELECTION**

HDCA has sufficient engineering and administrative support personnel to provide comprehensive professional services to Jefferson Parish for the duration of the project.

- 1. One principal who is a professional engineer who shall be registered as such in Louisiana.**  
*This requirement is met by Mr. H. Davis Cole, P.E., the Owner & Principal Engineer of HDCA.*



## TEC Professional Services Questionnaire

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

**2. A professional in charge of the project who is a professional engineer who shall be registered as such in Louisiana with a minimum of five (5) years experience in the disciplines involved.**

*This requirement can be met by HDCA's principal engineer, Mr. H. Davis Cole, P.E. who will serve as the professional in charge of the project. Mr. Cole has been licensed as a professional engineer in the State of Louisiana since 2002 and has participated in many roadway improvements projects over the course of his career. Mr. Mike D'Angelo, P.E., PLS also meets this requirement.*

**3. One person who is a professional engineer registered as such in Louisiana in the field or fields of expertise required for the project (A sub-consultant may meet the requirement only if the advertised project involves more than one discipline).**

*This requirement can be met by both of HDCA's professional civil engineers: Mr. H. Davis Cole, P.E. and Mike D'Angelo, P.E., PLS. Both of are licensed professional engineers in the State of Louisiana and have more than twenty (20) years of experience providing civil engineering services on a variety of municipal infrastructure improvements projects.*

### **REFERENCES**

HDCA is proud of our relationship with Jefferson Parish, having served Jefferson Parish on a variety of infrastructure improvement projects over the course of the firm's existence. Individual personnel members have provided engineering services to the Parish prior to joining HDCA and we're dedicated to continuing to serve the Jefferson Parish community. As such, HDCA does not have a history of design inadequacies, time delays, nor cost overruns.

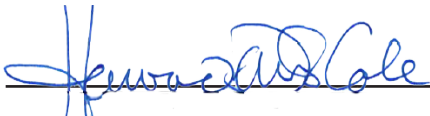
HDCA's long-standing relationships with governmental agencies and clients is the key to our business' success. Please feel free to contact our major governmental and private clients, which include those listed below, regarding our past performance on engineering design and project management related projects.

- Donald J. Bourgeois, Jr., Capital Projects Supervisor, 504-278-1593, St. Bernard Parish Government, Louisiana
- Roderick Matthews, Director of Homeland Security, 985-514-9556, St. Helena Parish Police Jury, Louisiana
- Blaine Clancy, P.E., City Engineer, 985-646-4270, City of Slidell, Louisiana

Additional references are available upon request.

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

**Signature:**



**Print Name:**

H. Davis Cole, P.E.

**Title:**

Managing Member

**Date:**

July 15, 2024





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

Name	Public Address
H. Davis Cole & Associates, LLC	1340 Poydras Street, Suite 1850 New Orleans, LA 70112

License/Certificate Information w/Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)	Supervisee(s)
EF. 003485	Active	05/30/2006	09/30/2024	Mr. Howard Davis Cole #PE.0030219-Active	