

Contract No: 4400026029
Satet Project No: H.014315.6
F.A.P. NO.: H014315
St. Tammany Parish

Grafton Drive Pavement Rehabilitation (CE&I)

Submitted To:



Date:

January 26, 2023


DOTD FORM: 24-102

PROPOSAL TO PROVIDE CONSULTANT SERVICES

(Revised January 1, 2023)

Prime consultant shall complete the DOTD Form 24-102 without altering the Form's text; however, the instruction and/or guidance for Sections 12 through 23 can be removed but do not remove Section title and number.

ANY CONSULTANT FAILING TO SUBMIT ANY OF THE INFORMATION REQUIRED ON THE DOTD FORM 24-102, OR PROVIDING INACCURATE INFORMATION ON THE DOTD FORM 24-102, MAY BE CONSIDERED NON-RESPONSIVE.

1. Contract Name as shown in the advertisement	GRAFTON DRIVE PAVEMENT REHABILITATION (CE&I)
2. Contract Number(s) as shown in the advertisement	4400026029
3. State Project Number(s), if shown in the advertisement	H.014315.6
4. Prime consultant name (name must match as registered with the Louisiana Secretary of State where such registration is required by law)	 Design Engineering, Inc.
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	EF.0001135
6. Prime consultant mailing address	3330 W. Esplanade Avenue, Suite 205, Metairie, Louisiana 70002
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	(Same as above mailing address)
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Jim Martin, Ph.D., P.E., President (504) 836-2155 jmartin@dei-engr.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Jim Martin, Ph.D., P.E., President (504) 836-2155 jmartin@dei-engr.com

Prime consultant should enter the firm name in the footer at the bottom of this page. (It will carry over to subsequent pages.)

10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.

Signature above shall be the same person listed in Section 9:

January 26, 2023

Date:

11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.

Firm(s):

Firm(s)' %:





Batture, LLC

2%



12. Past Performance Evaluation Discipline Table:

As indicated in the advertisement, insert the completed table here. The percentages for the prime and sub-consultants must total 100% for each past performance evaluation discipline, as well as the overall total percent of the contract.

The **only** past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other (please specify).

Past Performance Evaluation Discipline(s)	% of Overall Contract	 Design Engineering, Inc.	 Batture, LLC	Each Discipline must total to 100%
CE&I/OV	100%	98%	2%	100%
Identify the percentage of work for the overall contract to be performed by the prime consultant and each sub-consultant.				
Percent of Contract	100%	98%	2%	100%

13. Firm Size:

Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
 Design Engineering, Inc.	Principal	1	2
	Supervisor-Eng	1	1
	Engineer	4	5
	Engineer Intern	1	4
	Project Office Manager	1	1
	Inspector- Lead	1*	1
	Inspector- Bridge	1	1
	Inspector- Certified	1	3
	Inspector	0**	6
 Batture, LLC	Surveyor	1	1
	Party Chief	2	2
	Engineer Intern	2	5
	Cadd-Operator	1	2

*Inspector-Lead also qualifies as Inspector-Bridge (i.e., 2 inspectors qualify as Inspector-Bridge).

**Only certified inspectors are committed to this project; however, if needed due to project demands, additional experienced, uncertified inspectors are available.

14. Organizational Chart:

Project Team

DEI: Design Engineering, Inc.
BAT: Batture, LLC.

Certifications

■

 DOTD Certified Inspector
* Work Zone Training (TCS, TCT, & Flagger)
† LTRC TEPR Training



Principal-in-Charge

Jim Martin, PhD, PE
DEI

Project Leadership

Project Engineer
Brett Liuzza, PE*†
Project QA/QC
John Holtgreve, PE

DEI
DEI

Civil Engineering

Construction Engineers
Ben Bartlett, PE, PTOE *†
John Karlin, SE, PE*†
Collin Gillen, EI*

DEI
DEI
DEI

Surveying

Robert Mora, PE, PLS
Roderick Richardson
Paul Mattingly, EI
Tylon Richard
Clifford “Kip” Montero




BAT
BAT
BAT
BAT
BAT

Construction


Construction Manager
Jay Rafferty*
Inspectors
Jeff Monfrey ■*
Wayne Lemoine ■*
Jeff Puissegur ■*

DEI
DEI
DEI
DEI
DEI


15. Minimum Personnel Requirements:

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/ certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
1	Jim Martin, Ph.D., P.E.		P.E. No. 31281 - Civil	LA	09/30/2024
2	John Holtgreve, P.E.		P.E. No. 16383 – Civil	LA	03/31/2023
3	Ben Bartlett, P.E., P.T.O.E.		P.E. No. 38980 - Civil	LA	09/30/2024


16. Staff Experience:

Firm employed by Design Engineering, Inc.					
Name	James Martin, Ph.D., P.E.		Years of relevant experience with this employer		12
Title	President/Principal-In-Charge		Years of relevant experience with other employer(s)		8
Degree(s) / Years / Specialization		Tulane University: Doctor of Philosophy 2003 Tulane University: MS, Environmental Engineering 2000 University of Alabama: BS, Civil Engineering 1998 Old Dominion University: Coastal Engineering Certificate 2010			
Active registration number / state / expiration date		31281 /LA/ 09/30/2024			
Year registered	2004	Discipline	Civil Engineer		
Contract role(s) / brief description of responsibilities		Dr. Martin will serve as Principal-In-Charge for this project. Dr. Martin has had extensive design experience with the design and construction of civil engineering projects involving major bridges, highways, streets, roadways, water, sewer, drainage, and flood protection projects.			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
10/18 – 11/20	DOTD SP NO. H007271.6: CANAL BOULEVARD (ROBERT E. LEE – AMETHYST) (CE&I): President/Civil Engineer responsible for overseeing and managing all personnel and contracts for the reconstruction of an existing four (4) lane divided boulevard. This project includes grading, drainage structures, milling asphalt pavement, pavement patching, Class II base course, scarifying and compacting roadbed, asphalt concrete pavement, Portland Cement Concrete Pavement, cofferdams, stormwater pumping station, pavement striping, sign and legends, and symbols. DEI is responsible for the construction, engineering, and inspection of this project which includes maintaining all construction field records; making daily entries in the project diary to indicate the contractor’s personnel and equipment being utilized on the project, the work being accepted, the acceptability of traffic control, and the charging of contract time through Site Manager.				
05/19 – 08/20	DOTD SP NO. H011798.6: AIRLINE PARK BOULEVARD (CAMPHOR TO WEST NAPOLEON) (CE&I): President/Civil Engineer responsible for overseeing and managing all personnel and contracts for the construction of 0.390 miles of roadway which includes grading, drainage structures, milling asphalt pavement, pavement patching, class II base course, scarifying and compacting roadbed, asphalt concrete pavement, Portland Concrete Pavement, Cofferdams, storm water pumping station, and related work. Pavement striping, sign and legends, and symbols are also included. DEI is responsible for the construction, engineering, and inspection of this project which includes maintaining all construction field records; making daily entries in the project diary to indicate the contractor’s personnel and equipment being utilized on the project, the work being accepted, the acceptability of traffic control, and the charging of contract time through Site Manager.				
04/19 – 06/20	DOTD SP NO. H.011795: WESTWOOD DRIVE (WB EXPRESSWAY. TO LAPALCO) (CE&I): President/Civil Engineer responsible for overseeing and managing all personnel and contracts for the construction of 0.648 miles of roadway which includes 20,516 SY of Portland Cement Concrete Pavement with barrier curb, mountable curb and gutter, including Class II base course, drainage pipes and structures, sanitary sewer and related work, and tie-in to the existing Westbank Expressway on the north end and Lapalco Blvd.				


	on the south end. Pavement striping, sign and legends, and symbols are also included. DEI is responsible for the construction, engineering, and inspection of this project which includes maintaining all construction field records; making daily entries in the project diary to indicate the contractor's personnel and equipment being utilized on the project, the work being accepted, the acceptability of traffic control, and the charging of contract time through Site Manager.
09/16 – 02/17	DOTD SP NO. H.007277: LAKE FOREST BOULEVARD (CE&I): President/Civil Engineer responsible for overseeing and managing all personnel and contracts for the construction of approximately 638 LF of Portland Cement Concrete Pavement with barrier curb, barrier rails, and retaining wall, including drainage pipes and structures and tie-in to the existing Westbound concrete pavement at Lake Forest Boulevard. Also, approximately 624 LF of the existing Eastbound asphaltic concrete pavement on Lake Forest Boulevard was removed by milling and overlaid with 2" asphaltic concrete wearing course, to develop a 2.5% cross slope. Pavement striping, sign and legends, and symbols are included. DEI was responsible for the construction, engineering and inspection of this project which included maintaining all construction field records; making daily entries in the project diary to indicate the contractor's personnel and equipment being utilized on the project, the work being accepted, the acceptability of traffic control, and the charging of contract time through Site Manager.
02/14 – 04/19	JPPW NO. 2013-011-RB: CAUSEWAY BOULEVARD OVERPASS OF AIRLINE DRIVE: President/Civil Engineer responsible for overseeing and managing all personnel and contracts for this project which includes conducting a comprehensive structural inspection of all portions of the Causeway Boulevard Overpass of Airline Drive above railroad traffic (all existing bridge components north of the southern right-of-way line of Airline Drive); perform a load capacity rating analysis of the AS-BUILT and AS-IS conditions of the structure; and submit a comprehensive repair/rehabilitation report prioritizing recommended repairs/corrective measures. Based on the findings of the report, DEI is responsible for the production of plans, specifications, and contract documents to repair/replace the Overpass's girders, bearings, deck, guardrails, and drainage system. Additionally, it is DEI's responsibility to provide full time resident inspection and testing services during construction.
12/18 – 7/20	GNOEC NO. 433: SOUTHBOUND CAUSEWAY SAFETY RAIL IMPROVEMENTS (CE&I): President/Civil Engineer responsible for overseeing the improvement of the existing bridge railing system to MASH Test Level 4, the repair of damaged concrete railing, replacement of impact attenuators, relocation of signs and supports, modification of call boxes, installation of pavement markings, and installation of access platforms. CE&I: construction administration includes organization of progress meetings, review of submittals (e.g. Construction Schedules, RFIs, Plan Changes, and Materials), and processing partial pay estimates. Resident inspection includes observation of construction activities (e.g. 48 miles of bridge rail fabrication and installation, 138,000 epoxied anchor rods, and repair of damaged concrete rail), production of daily reports, review of TTC installation/removal, and review of on-site safety.
05/08 – 12/16	SP NO. H.002550: MACARTHUR DRIVE INTERCHANGE COMPLETION – PHASE 1A (AT-GRADE ROADWAY): Dr. Martin was principal in charge during the construction of an on- and-off ramp system for the Westbank Expressway and the relocation of Frontage Road. DEI performed geometric layout of roadway, right-of-way layout, drain line relocation up to 72" diameter, relocation of 10" sewer force main with 20" steel casing horizontally drilled underneath four (4) lane highway, water line relocation, project quantities estimation and preparation of plans. This is the busiest corridor on the West Bank of Jefferson Parish and we coordinated design and construction in a manner to accommodate continued use of the corridor. This project received the following Awards from ACI Louisiana: Overall Best Concrete Project and Award of Excellence in 2016.

Firm employed by Design Engineering, Inc.					
Name	John Holtgreve, P.E.		Years of relevant experience with this employer		38
Title	Project Manager		Years of relevant experience with other employer(s)		12
Degree(s) / Years / Specialization		Tulane University: MCE, Civil Engineering 1975 Tulane University: BS, Civil Engineering 1970			
Active registration number / state / expiration date		16383 /LA/ 03/31/2023			
Year registered	1976	Discipline	Civil Engineer		
Contract role(s) / brief description of responsibilities		Mr. Holtgreve will serve as the Project Engineer for this contract. Mr. Holtgreve has had extensive design experience designing and constructing roadway projects for clients in the Greater New Orleans Area.			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
10/18 – 11/20	DOTD SP NO. H007271.6: CANAL BOULEVARD (ROBERT E. LEE – AMETHYST) (CE&I): Project Manager for the reconstruction of an existing four (4) lane divided boulevard. This project includes grading, drainage structures, milling asphalt pavement, pavement patching, Class II base course, scarifying and compacting roadbed, asphalt concrete pavement, Portland Cement Concrete Pavement, cofferdams, stormwater pumping station, pavement striping, sign and legends, and symbols. DEI is responsible for the construction, engineering, and inspection of this project which includes maintaining all construction field records; making daily entries in the project diary to indicate the contractor’s personnel and equipment being utilized on the project, the work being accepted, the acceptability of traffic control, and the charging of contract time through Site Manager.				
05/19 – 08/20	DOTD SP NO. H011798.6: AIRLINE PARK BOULEVARD (CAMPHOR TO WEST NAPOLEON) (CE&I): Project Manager for the construction of 0.390 miles of roadway which includes grading, drainage structures, milling asphalt pavement, pavement patching, class II base course, scarifying and compacting roadbed, asphalt concrete pavement, Portland Concrete Pavement, Cofferdams, storm water pumping station, and related work. Pavement striping, sign and legends, and symbols are also included. DEI is responsible for the construction, engineering, and inspection of this project which includes maintaining all construction field records; making daily entries in the project diary to indicate the contractor’s personnel and equipment being utilized on the project, the work being accepted, the acceptability of traffic control, and the charging of contract time through Site Manager.				
04/19 – 06/20	DOTD SP NO. H.011795: WESTWOOD DRIVE (WB EXPRESSWAY. TO LAPALCO) (CE&I): Project Manager for the construction of 0.648 miles of roadway which includes 20,516 SY of Portland Cement Concrete Pavement with barrier curb, mountable curb, and gutter, including Class II base course, drainage pipes and structures, sanitary sewer and related work, and tie-in to the existing Westbank Expressway on the north end and Lapalco Blvd. on the south end. Pavement striping, sign and legends and symbols are also included. DEI is responsible for the construction, engineering, and inspection of this project which includes maintaining all construction field records; making daily entries in the project diary to indicate the contractor’s personnel and equipment being utilized on the project, the work being accepted, the acceptability of traffic control, and the charging of contract time through Site Manager.				


09/16 – 02/17	DOTD SP NO. H.007277: LAKE FOREST BOULEVARD (CE&I): Project Manager for the construction of approximately 638 LF of Portland Cement Concrete Pavement with barrier curb, barrier rails, and retaining wall, including drainage pipes and structures, and tie-in to the existing Westbound concrete pavement at Lake Forest Boulevard. Approximately 624 LF of the existing Eastbound asphaltic concrete pavement on Lake Forest Boulevard was removed by milling and overlaid with 2" asphaltic concrete wearing course, to develop a 2.5% cross slope. Pavement striping, sign and legends, and symbols are included.
01/19-Ongoing	JPPW NO. 2013-011-RB: CAUSEWAY BOULEVARD OVERPASS OF AIRLINE DRIVE: Project Manager for the design and construction of this project which includes conducting a comprehensive structural inspection of all portions of the Causeway Boulevard Overpass of Airline Drive above railroad traffic (all existing bridge components north of the southern right-of-way line of Airline Drive); performing a load capacity rating analysis of the AS-BUILT and AS-IS conditions of the structure; and submitting a comprehensive repair/rehabilitation report prioritizing recommended repairs/corrective measures. Based on the findings of the report, DEI is responsible for the production of plans, specifications, and contract documents to repair/replace the Overpass's girders, bearings, deck, guardrails, and drainage system. Additionally, it is DEI's responsibility to provide full-time resident inspection and testing services during construction.
05/08 – 12/16	SP NO. H.002550: MACARTHUR DRIVE INTERCHANGE COMPLETION (ON AND OFF RAMP FOR PETERS ROAD) PHASE II: Project Manager for the demolition of one on-ramp, the construction of two ramps (one on-ramp and one off-ramp) and the relocation and widening of the service road to accommodate the new ramps. The existing Manhattan Boulevard off-ramp to Manhattan Boulevard will be demolished and rebuilt several hundred feet west of the existing location to make room for the new Peters Road on-ramp. The ramps will be constructed using prestressed concrete trapezoidal box girders supported on single pier bents with pile footings to match the aesthetics of the existing Westbank Expressway bridges
11/09 – 02/11	DOTD SP NO. 742-36-0110: ROBERT E. LEE BOULEVARD, PARIS AVE. TO PRATT DRIVE: Project Manager for the design and construction administration of the reconstruction of 4,500 LF of existing Robert E. Lee Blvd. including major subsurface drainage improvements from 15" ϕ to 60" ϕ of reinforced concrete pipe and utility relocations. DEI provided full construction management services for the LADOTD and the City of New Orleans. The entire construction contract administration and construction engineering and inspection for this project was managed through LADOTD Site Manager Program.
11/09 - 11/11	DOTD SP NO. 742-36-0117: FLEUR DE LIS DRIVE RECONSTRUCTION, VETERANS BLVD. TO N. OF 30TH STREET (CE&I): Project Manager for the construction management with Critical Path Scheduling and Primavera P6 software and construction inspection services for the construction of the roadway water line replacement, utility relocations and sewer line replacement. The entire construction contract administration and construction engineering and inspection for this project was managed through LADOTD Site Manager Program.
04/12 – 12/12	NORTHBOUND MANHATTAN BOULEVARD CONTINUOUS RIGHT TURN LANE: This project included construction of an additional asphaltic concrete lane of traffic to Northbound Manhattan Blvd. (Gretna Blvd. to Westbank Expressway (US 90B)) and a right turn only lane on US90B Frontage Road eastbound to Southbound Manhattan Blvd.; right-of-way requirements; 2000 LF of water main, utility and drainage relocations. The project was constructed using the designed plans by DEI and DEI personnel provided construction contract administration and construction engineering and resident inspection services.

Firm employed by Design Engineering, Inc.					
Name	Ben Bartlett, P.E., P.T.O.E.		Years of relevant experience with this employer		8
Title	Civil Engineer		Years of relevant experience with other employer(s)		4
Degree(s) / Years / Specialization		University: MCE, Civil Engineering 2010 The Citadel: BS, Civil/Environmental Engineering 2008			
Active registration number / state / expiration date		P.E. :38980 /LA/ 09/30/2024 P.T.O.E.: 4020/USA			
Year registered	2014	Discipline	Civil Engineer		
Contract role(s) / brief description of responsibilities		Mr. Bartlett will serve as a Civil/Traffic Construction Engineer for this contract. He has had extensive experience with the Design and Construction of Roadway Projects throughout the Greater New Orleans Area. He is a certified Professional Traffic Operations Engineer (P.T.O.E).			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
05/19 – 08/20	DOTD SP NO. H011798.6: AIRLINE PARK BOULEVARD (CAMPHOR TO WEST NAPOLEON) (CE&I): Project Manager for the construction of 0.390 miles of roadway, which included grading, drainage structures, milling asphalt pavement, pavement patching, Class II base course, scarifying and compacting roadbed, asphalt concrete pavement, Portland Concrete Pavement, cofferdams, storm water pumping station and related work. Pavement striping, sign and legends and symbols are also included. DEI was responsible for the construction, engineering, and inspection of this project, which included maintaining all construction field records; making daily entries in the project diary to indicate the contractor’s personnel and equipment being utilized on the project, the work being accepted, and the acceptability of traffic control; and the charging of contract time through SiteManager.				
04/19 – 06/20	DOTD SP NO. H.011795: WESTWOOD DRIVE (WB EXPRESSWAY. TO LAPALCO) (CE&I): Project Manager for the construction of 0.648 miles of roadway, which included 20,516 SY of Portland Cement Concrete Pavement with barrier curb, mountable curb and gutter. This project included Class II base course, drainage pipes and structures, sanitary sewer and related work, and tie-in to the existing Westbank Expressway on the north end and Lapalco Blvd. on the south end. Pavement striping, signs, and legends and symbols were also included. DEI was responsible for the construction, engineering, and inspection of this project, which included maintaining all construction field records; making daily entries in the project diary to indicate the contractor’s personnel and equipment being utilized on the project, the work being accepted, and the acceptability of traffic control; and the charging of contract time through SiteManager.				
09/16 – 02/17	DOTD SP NO. H.007277: LAKE FOREST BOULEVARD: Civil Engineer for the construction of approximately 638 LF of Portland Cement Concrete Pavement with barrier curb, barrier rails and retaining wall, including drainage pipes and structures and tie-in to the existing Westbound concrete pavement at Lake Forest Boulevard. Also, approximately 624 LF of the existing Eastbound asphaltic concrete pavement on Lake Forest Boulevard was removed by milling and overlaid with 2” asphaltic concrete wearing course to develop a 2.5% cross slope. Pavement striping, signs, and legends and symbols are included.				


02/14 – 04/19	JPPW NO. 2013-011-RB: CAUSEWAY BOULEVARD OVERPASS OF AIRLINE DRIVE: Civil Engineer for this project, Mr. Bartlett conducted a comprehensive structural inspection of all portions of the Causeway Boulevard Overpass of Airline Drive above railroad traffic (all existing bridge components north of the southern right-of-way line of Airline Drive); performed a load capacity rating analysis of the AS-BUILT and AS-IS conditions of the structure; and submitted a comprehensive repair/rehabilitation report prioritizing recommended repairs/corrective measures. Based on the findings of the report, DEI is responsible for the production of plans, specifications, and contract documents to repair/replace the Overpass's girders, bearings, deck, guardrails, and drainage system. Additionally, it is DEI's responsibility to provide full time resident inspection and testing services during construction.
09/15 – 06/18	CCE PROJECT NO. 115-104: RIVER FOREST PAVING AND DRAINAGE IMPROVEMENTS (WILLOW DRIVE): Civil Engineer for this project, Mr. Bartlett is responsible for performing topographic survey services, production of plans, and construction engineering for the roadway and subsurface drainage improvements in the City of Covington. This project includes removing and/or repairing existing drainage structures; installing subsurface drainage, removing and replacing reinforced concrete roadway panels and their underlying structural fills; and other work as required by the plans and specifications. Mr. Bartlett is responsible for the production of preliminary plans, final plans, and project specifications and assisting the owner with the bid phase of the project.
05/14 – 12/16	DOTD SP NO. H.002550: MACARTHUR DRIVE INTERCHANGE COMPLETION (ON- AND OFF-RAMPS FOR PETERS ROAD): Civil Engineer who assisted with the design of an on- and off-ramp system for the Westbank Expressway and the relocation of Frontage Road. Responsibilities included planning the geometric layout of roadways and rights-of-way; relocation of drain lines up to 72" diameter, 10" sewer force mains with 20" steel casing horizontally drilled underneath four (4) lane highway, and water lines; project quantities estimation; preparation of plans for water mains, appurtenances, gas lines, and overhead and below ground power lines; the construction of storm drain performance, pipes and manholes; the extension of the existing reinforced concrete box culvert; and the construction of the new relocated service road, including the installation of a compacted sand sub-base course, crushed limestone base course, Superpave asphaltic concrete binder and wearing courses, as well as concrete curb and gutters and concrete sidewalks.
9/17 – 11/17	JP NO. 2015-030-RB: WEST ESPLANADE CROSSING NEAR WILLIAMS: This project included hydraulic engineering, conceptual, preliminary, and final plans for the improvements to the West Esplanade Boulevard which include installing a 550-foot Canal Crossing, 600 feet of roadway, additional sidewalk, and a new signalized interchange. Mr. Bartlett is part of the team to provide hydraulic engineering, conceptual, preliminary, and final plans for the improvements to West Esplanade Boulevard.
09/17 – 05/18	SP NO. H.011731: DUNCAN CANAL AT WEST ESPLANADE IMPROVEMENTS: This project included conceptual, preliminary, and final plans to replace the Bridge at Duncan Canal over West Esplanade. In addition, the project required permitting and hydraulic engineering. This project is one of the largest canals in Jefferson Parish and the existing bridges are in poor condition and aesthetically displeasing. In this project, DEI designed two massive concrete box culverts (38 x 18 each) as well as two smaller box culverts to receive Canal #2. Following the bridge replacement, a newly designed asphalt roadway was placed on the approaches as well as over the boxes.

Firm employed by <i>Design Engineering, Inc.</i>					
Name	Brett Liuzza, P.E.		Years of relevant experience with this employer		10
Title	Civil Engineer		Years of relevant experience with other employer(s)		4
Degree(s) / Years / Specialization			Louisiana State University: BS, Civil Engineering 2008		
Active registration number / state / expiration date			37753/ LA/ 09/30/2023		
Year registered	2013	Discipline	Civil Engineer		
Contract role(s) / brief description of responsibilities			Mr. Liuzza will serve as a Civil/Traffic Construction Engineer for this contract. Mr. Liuzza has worked on a variety of infrastructure improvement projects including asphaltic and concrete roadways. He brings his roadway project experience to this project and is thoroughly familiar with LaDOTD standards.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
10/18 – 11/20	DOTD SP NO. H007271.6: CANAL BOULEVARD (ROBERT E. LEE – AMETHYST) (CE&I): Civil Engineer for the reconstruction of an existing four (4) lane divided boulevard. This project includes grading, drainage structures, milling asphalt pavement, pavement patching, Class II base course, scarifying and compacting roadbed, asphalt concrete pavement, Portland Cement Concrete Pavement, cofferdams, stormwater pumping station, pavement striping, sign and legends and symbols. Mr. Liuzza’s responsibilities on this project include responding to RFIs, performing periodic site visits, considering and negotiating change orders, performing substantial completion inspections, and quickly responding to limit the effect of often encountered unforeseen site conditions. The entire construction contract administration and construction engineering and inspection for this project is being managed through LADOTD Site Manager Program.				
03/21 – 07/22	DOTD SP NO. H.007276.6: MAGAZINE ST. (LEAKE AVE TO EAST DRIVE) (CE&I): Civil Engineer for the construction contract administration and construction engineering inspection services typically performed by the DOTD Project Engineer and his staff, including but not limited to, roadway rehabilitation projects consisting of removal of existing pavement, excavation/embankment, base course, PCC paving, drainage structures, concrete curb, sidewalks & handicap ramps, water & sewer lines, pavement markings, and related work. Mr. Liuzza’s responsibilities on this project include responding to RFIs, performing periodic site visits, considering and negotiating change orders, performing substantial completion inspections, and quickly responding to limit the effect of often encountered unforeseen site conditions. The entire construction contract administration and construction engineering and inspection for this project is managed through LaDOTD SiteManager.				
01/08 – 09/14	JPPW 2007-012-PS-PH.3B: AIRLINE DRIVE DRAINAGE CROSSING ST. PETER’S DITCH: Civil Engineer for preparing plans and technical specifications for contract bid and construction process. This project consisted of designing 365 feet of drainage improvements adjacent to and across Airline Drive. The work includes the design of large drainage junction boxes, micro-tunneling or hand tunneling large diameter drain lines across Airline Drive, reinforced concrete box culverts and transition structures. DEI provided hydraulic analysis of the drainage system across Airline Drive. Mr. Liuzza’s responsibilities on this project included responding to RFIs, performing periodic site visits, considering and negotiating change orders, performing substantial completion inspections, and quickly responding to limit the effect of often encountered unforeseen site conditions.				


05/08 – 12/16	<p>SP NO. H.002550: MACARTHUR DRIVE INTERCHANGE COMPLETION (ON AND OFF RAMPS FOR PETERS ROAD): Civil Engineer that assisted with the design of an on and off ramp system for the Westbank Expressway and the relocation of Frontage Road. Responsibilities include geometric layout of roadway, right-of-way layout, drain line relocation up to 72" diameter, relocation of 10" sewer force main with 20" steel casing horizontally drilled underneath four (4) lane highway, water line relocation, project quantities estimation, preparation of plans water mains and appurtenances, gas lines, as well as overhead and below ground power lines; the construction of storm drain performance, pipes and manholes, the extension of the existing reinforced concrete box culvert; and the construction of the new relocated service road, including the installation of a compacted sand sub-base course, crushed limestone base course, Superpave asphaltic concrete binder and wearing courses, as well as concrete curb and gutters and concrete sidewalks.</p>
06/07 – 11/17	<p>OLD PROJECT NO. 27821: LAKESHORE DRIVE IMPROVEMENT PROJECT: Civil Engineer for 5.2 miles of scenic 4-lane roadway with all necessary utilities including sewerage, water and drainage, sidewalks and seawall stabilization along the entire length of the roadway. The project required the reconstruction of 3,150 feet of Lakeshore Drive roadway and adjacent parking facilities. Mr. Liuzza was responsible for the preparation of preliminary design, final design, construction administration and resident inspection. Mr. Liuzza also coordinated and managed the geotechnical and surveying sub-consultants during the entire design process. DEI also provided the client with cost estimates and permit sketches as required by federal, state and local authorities. Mr. Liuzza's responsibilities on this project include responding to RFIs, reviewing shop drawings, coordinating progress meetings, performing periodic site visits, considering and negotiating change orders, performing substantial completion inspections, and quickly responding to limit the effect of often encountered unforeseen site conditions.</p>
06/12 – 01/14	<p>RPC CONTRACT NO. LK9499: LEAKE AVENUE IMPROVEMENTS (OAK ST. TO BROADWAY AVE.): Civil Engineer for performing a Stage 0 Feasibility Study and Environmental Inventory for the possible realignment of Leake Avenue. The project goal was to establish new and improved sidewalks and bicycle facilities and a landscaped buffer zone between the community and the Public Belt Railroad and to examine the potential for enhanced pedestrian crossing(s) between the community and Levee Park.</p>
01/13 – 04/16	<p>JPPW NO. 2010-047: JEFFERSON PARISH SUBMERGED ROADWAYS PROGRAM: Civil Engineer for damage evaluation due to Hurricane Katrina and roadway reconstruction of eighty-five (85) concrete streets and eight (8) miles of asphalt roadway repair within Council District 3. Design Engineering's responsibilities included Site Evaluations, Preliminary Plans, Final Plans, Construction Administration, and Resident Inspection. During site evaluations, DEI noted settlement and surface condition and verified the degree and severity of damage described in FEMA Project Work Sheets. Considerations during the design phase were tree root impacts on the existing roadway, addition and/or repair of sidewalks, driveways and handicap ramps, and adjustment of all drainage structures within the roadway limits. Mr. Liuzza's responsibilities on this project included responding to RFIs, performing periodic site visits, considering and negotiating change orders, performing substantial completion inspections, and quickly responding to limit the effect of often encountered unforeseen site conditions.</p>

Firm employed by Design Engineering, Inc.					
Name	John Karlin, P.E., S.E.		Years of relevant experience with this employer		5
Title	Structural Engineer		Years of relevant experience with other employer(s)		0
Degree(s) / Years / Specialization		University of Illinois Urbana-Champaign: MS, Civil (Structural) Engineering 2017 Worcester Polytechnic Institute: BS, Civil Engineering 2016			
Active registration number / state / expiration date		P.E. : 44795 /LA/ 03/31/2023 S.E. : 081-008511 /IL/ 11/30/2024			
Year registered	2020	Discipline	Civil Engineer and Structural Engineer		
Contract role(s) / brief description of responsibilities			Mr. Karlin will serve as a Structural Construction Engineer for this contract. A partial list of pertinent projects relevant to this proposal is contained below:		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
05/19 – 08/20	DOTD SP NO. H011798.6: AIRLINE PARK BOULEVARD (CAMPHOR TO WEST NAPOLEON) (CE&I): Mr. Karlin assisted as the Structural Engineer for the construction of 0.390 miles of roadway, which included grading, drainage structures, milling asphalt pavement, pavement patching, Class II base course, scarifying and compacting roadbed, asphalt concrete pavement, Portland Concrete Pavement, cofferdams, storm water pumping station, and related work. Pavement striping, sign and legends, and symbols are also included. DEI was responsible for the construction, engineering, and inspection of this project, which included maintaining all construction field records; making daily entries in the project diary to indicate the contractor’s personnel and equipment being utilized on the project, the work being accepted, and the acceptability of traffic control; and the charging of contract time through Site Manager.				
12/18 – 7/20	GNOEC NO. 433: SOUTHBOUND CAUSEWAY SAFETY RAIL IMPROVEMENTS (CE&I): Structural Engineer for the improvement of the existing bridge railing system to MASH Test Level 4, the repair of damaged concrete railing, replacement of impact attenuators, relocation of signs and supports, modification of call boxes, installation of pavement markings, and installation of access platforms. CE&I: construction administration includes the organization of progress meetings, review of submittals (e.g., Construction Schedules, RFIs, Plan Changes, and Materials), and processing partial pay estimates. Resident inspection includes observation of construction activities (e.g., 48 miles of bridge rail fabrication and installation, 138,000 epoxied anchor rods, and repair of damaged concrete rail), production of daily reports, review of TTC installation/removal, and review of on-site safety.				
09/17 – 11/19	JPPW NO. 2013-011-RB: CAUSEWAY BOULEVARD OVERPASS OF AIRLINE DRIVE: Structural Engineer for this project, Mr. Karlin assisted the project engineer with conducting a comprehensive structural inspection of all portions of the Causeway Boulevard Overpass of Airline Drive above railroad traffic (all existing bridge components north of the southern right-of-way line of Airline Drive); perform a load capacity rating analysis of the AS-BUILT and AS-IS conditions of the structure; and submit a comprehensive repair/rehabilitation report prioritizing recommended repairs/corrective measures. Based on the findings of the report, DEI is responsible for the production of plans, specifications, and contract documents to				


	repair/replace the Overpass's girders, bearings, deck, and drainage system. Additionally, it is DEI's responsibility to provide full time resident inspection and testing services during construction.
09/17 – 12/19	JPPW NO. 2013-033-RB: SOUTHBOUND CAUSEWAY BLVD. AT 17TH STREET INTERCHANGE IMPROVEMENTS: As Structural Engineer Mr. Karlin assisted the project engineer with this project. The project included providing preliminary and final plans for the improvements to the interchange. This project was a heavy bridge addition that connected to the existing interstate interchange easing the flow of traffic from the Causeway Bridge onto I-10.
09/17 – 05/18	SP NO. H.011731: CITY OF KENNER DUNCAN CANAL BRIDGE REPLACEMENT: As Structural Engineer, Mr. Karlin assisted in the replacement of aging bridges spanning the Duncan Canal with a new, buried box culvert system that improves aesthetics while maintaining the conveyance of traffic across the canal. Responsibilities include the design of the top slab to resist vehicular loadings; the design of the base slab to adequately distribute loads to the soil; the design of the walls and wing walls to resist lateral soil pressures and soil and vehicular surcharge loadings; and the design of columns and beams to create a junction between Duncan Canal and Canal No. 2 and facilitate the flow of water between the two box culverts.
9/17 – 11/17	JP NO. 2015-030-RB: WEST ESPLANADE U-TURN: Mr. Karlin assisted as Structural Engineer in the design of the apron slabs, headwalls, and wing walls for this pipe culvert structure to meet AASHTO and LADOTD standards. Responsibilities include the design of apron slabs to facilitate water flow and resist uplift forces; the design of headwalls to resist lateral soil pressures and vehicular surcharge loadings; and the design of wing walls to stabilize the canal slopes adjacent to the apron slabs.
9/17 – 10/19	OLD NO. 27842: SEAWALL AREA EROSION CONTROL PAVING PROJECT – REACH 3A: Mr. Karlin assisted as Structural Engineer with the erosion control project of the Lake Pontchartrain seawall. Responsibilities include the design of slab on grade to support pedestrian traffic and prevent cracking and damage during extreme events; layout of slab joints to allow expansion and contraction of the slab and seawall without cracking of the slab; layout of timber piles to ensure proper load transfer from the slab to the soil and minimize settling and damage due to soil erosion; and design of grade beams and retaining walls near existing trees to satisfy the project goals without removal of trees.

Firm employed by Design Engineering, Inc.					
Name	Collin Gillen, E.I.		Years of relevant experience with this employer		2
Title	Civil Engineer Intern		Years of relevant experience with other employer(s)		0
Degree(s) / Years / Specialization		Louisiana State University: BS, Civil Engineering 2020			
Active registration number / state / expiration date		34496 /LA/ 09/30/2024			
Year registered	2020	Discipline	Civil Engineer		
Contract role(s) / brief description of responsibilities		Mr. Gillen will serve as an Engineer Intern for this contract. A partial list of pertinent projects relevant to this proposal is contained below:			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
07/20 - Ongoing	GNOEC NO. 433: SOUTHBOUND CAUSEWAY SAFETY RAIL IMPROVEMENTS (CE&I): As an Engineering Intern, Mr. Gillen performed inspection oversight, quality assurance, and construction administration for Engineer Intern for the improvement of the existing bridge railing system to MASH Test Level 4, the repair of damaged concrete railing, replacement of impact attenuators, relocation of signs and supports, modification of call boxes, installation of pavement markings, and installation of access platforms. CE&I: construction administration includes the organization of progress meetings, review of submittals (e.g., Construction Schedules, RFIs, Plan Changes, and Materials), and processing of partial pay estimates. Resident inspection includes observation of construction activities (e.g., 48 miles of bridge rail fabrication and installation, 138,000 epoxied anchor rods, and repair of damaged concrete rail), production of daily reports, review of TTC installation/removal, and review of on-site safety. Responsibilities included evaluation of construction operations/work for conformance with the Plans and Specifications; coordination of daily field notes and acceptance of work with up to ten inspectors; and assistance in the response to RFIs, submittals, and monthly project progress summaries.				
07/20 - Ongoing	JPPW NO. 2013-011-RB: CAUSEWAY BOULEVARD OVERPASS OF AIRLINE DRIVE: As an Engineering Intern, Mr. Gillen is assisting the project engineer with the oversight of the rehabilitation of bridge spans of this 1950s-era structure to meet AASHTO and LaDOTD standards. Responsibilities include structural analysis of existing girders according to modern standards to determine adequacy in terms of safety and serviceability, design of cover plates for failing girders and their connections to strengthen spans at a lower cost than replacement, coordination of the removal and replacement of a corroded portion of the girder to reduce costs in comparison to replacement of the entire girder, and design of flange and web splice plates and their connections to safely transfer loads between the existing and new portions of girder.				
07/20 - Ongoing	DOTD SP NO. H.007276.6: MAGAZINE ST. (LEAKE AVE TO EAST DRIVE) (CE&I): As an Engineering Intern, Mr. Gillen is currently assisting the project engineer in the construction administration of the reconstruction of Magazine Street, between the intersections of Leake Avenue and East Drive, located in the Audubon Neighborhood area of New Orleans. Responsibilities include construction management, document control, and meeting coordination. This				

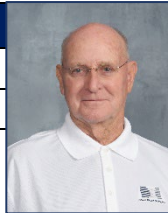
	project also includes full reconstruction and will include full block roadway pavement replacement including resetting distinctive aggregate curbs, ADA accessible ramps, drainage system replacement, sidewalk, driveway, sewer line, and water main utility replacement. This project is also in coordination with Hard Rock Construction throughout the construction of the project.
07/20 - Ongoing	STATE STREET DRIVE RECONSTRUCTION, ORLEANS PARISH: As an Engineering Intern, Mr. Gillen is currently assisting the project engineer in the design of the reconstruction of State Street Drive in New Orleans. Responsibilities include reviewing plans for water and sewer line connections. This project includes full reconstruction and will include full block roadway pavement replacement including resetting distinctive aggregate curbs, ADA accessible ramps, drainage system replacement, sidewalk, driveway, sewer line, and water main utility replacement. This project also includes coordination with Batture Engineering for assisting in design.

Firm employed by Design Engineering, Inc.					
Name	Jay Rafferty		Years of relevant experience with this employer		3
Title	Construction Manager		Years of relevant experience with other employer(s)		27
Degree(s) / Years / Specialization		Southeastern Louisiana University: Industrial Technology 1997 Troxler Radiation Safety and Nuclear Testing Equipment Course 8/17/10, Army Corps of Engineers Construction Management Quality Course 11/2/12, Supervisor Compliance Training Department, Supervisor Course 6/6/14, Completed ATSSA Work Zone Traffic Control Technician, Supervisor, and Flagger			
Active registration number / state / expiration date		N/A			
Year registered	N/A	Discipline	N/A		
Contract role(s) / brief description of responsibilities		Jay Rafferty will serve as the Project Office Manager for this contract. Mr. Rafferty has completed the ATSSA Traffic Control Technician, Supervisor, and Flagger Courses. He has also completed training in the USACE Construction Quality Management (CQM).			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
12/18 – 07/20	GNOEC NO. 433: SOUTHBOUND CAUSEWAY SAFETY RAIL IMPROVEMENTS (CE&I): Mr. Rafferty was the Construction Manager for this project. He provided resident inspection for the improvement of the existing bridge railing system to MASH Test Level 4, the repair of damaged concrete railing, replacement of impact attenuators, relocation of signs and supports, modification of call boxes, installation of pavement markings, and installation of access platforms. CE&I: construction administration includes the organization of progress meetings, review of submittals (e.g., Construction Schedules, RFIs, Plan Changes, and Materials), and processing of partial pay estimates. Resident inspection includes observation of construction activities (e.g., 48 miles of bridge rail fabrication and installation, 138,000 epoxied anchor rods, and repair of damaged concrete rail), production of daily reports, review of TTC installation/removal, and review of on-site safety.				
02/14 – 04/19	JPPW NO. 2013-011-RB: CAUSEWAY BOULEVARD OVERPASS OF AIRLINE DRIVE: Mr. Rafferty was the Construction Manager for this project which includes the rehabilitation of Ramps 6, 7, and overpass of Causeway Blvd. Overpass at Airline Drive. The resident inspection includes observation of construction activities for structure jacking, span movement, reinforced concrete riser construction, girder strengthening, bridge deck joint sealing, epoxy-urethane overlay, and bridge drainage rehabilitation. Mr. Rafferty’s responsibilities for this project are to make sure the resident inspectors are preparing daily reports, inspecting the progress of the work to ensure that the Contractor complies with the requirements of the plans and specifications, and attending all the progress meetings. He is also overseeing the resident inspector writing his daily diary items of work performed for the day and the comparison of quantities installed with the Contractor.				

03/21 – 07/22	DOTD SP NO. H.007276.6: MAGAZINE ST. (LEAKE AVE TO EAST DRIVE) (CE&I): Mr. Rafferty was the Construction Manager for this roadway rehabilitation project consisting of the removal of existing pavement, excavation/embankment, base course, PCC paving, drainage structures, concrete curb, sidewalks & handicap ramps, water & sewer lines, pavement markings, and related work. Mr. Rafferty's responsibilities for this project are to make sure the resident inspector is preparing daily reports, inspecting the progress of the work to ensure that the Contractor complies with the requirements of the plans and specifications, and attending all the progress meetings. He is also overseeing that the resident inspector is writing in his daily diary items of work performed for the day and the comparison of quantities installed with the Contractor. The entire construction contract administration and construction engineering and inspection for this project is managed through LaDOTD SiteManager.
06/18 – 08/20	PONO NO. 083622: ST. ANDREW STREET WHARF EROSION MITIGATION PROJECT, PORT OF NEW ORLEANS, LA: Mr. Rafferty was the Construction Inspector for this project. This project encompassed the construction of an approximately 1600-foot-long and 50-foot-deep steel sheet pile wall with a reinforced concrete pile cap along the roadway side of the St. Andrew Street Wharf and associated roadway construction. Mr. Rafferty was responsible for preparing daily reports, inspecting the progress of the work to ensure that the contractor complied with the requirements of the plans and specifications, and attending all project meetings.
02/13 – 05/18	USACE NO. LPV 04.2 & 2B LPV 05.2B: ST. CHARLES LEVEE REACH 1A LPV 04.2 & 2B LPV 05.2B: Mr. Rafferty was the Construction Project Manager/Project Coordinator for this project. Mr. Rafferty's responsibilities consisted of managing, scheduling, and coordinating field activities for fifty (50) plus employees. He was also the QC Manager Representative for the US Army Corp of Engineers for this project. Mr. Rafferty's responsibilities included interviewing, training, drug screening, background checking, hiring, and termination of field personnel.
01/08 – 06/14	USACE NO. LPV 149: HURRICANE AND STORM DAMAGE RISK REDUCTION PROGRAM – FLOODWALL LPV 149: Mr. Rafferty was the Construction Project Manager/Project Coordinator for this project. Mr. Rafferty's responsibilities consisted of managing, scheduling, and coordinating field activities for fifty (50) plus employees. He was also the QC Manager Representative for the US Army Corp of Engineers for this project. Mr. Rafferty's responsibilities included interviewing, training, drug screening, background checking, hiring, and termination of field personnel.
09/07 – 02/12	USACE NO. LPV106: LAKE PONTCHARTRAIN AND VICINITY 106 CITRUS LAKE FLOOD WALL: Mr. Rafferty was the Construction Project Manager/Project Coordinator for this project. Mr. Rafferty's responsibilities consisted of managing, scheduling, and coordinating field activities for fifty (50) plus employees. He was also the QC Manager Representative for the US Army Corp of Engineers for this project. His responsibilities included interviewing, training, drug screening, background checking, hiring, and termination of field personnel.

Firm employed by Design Engineering, Inc.					
Name	Jeff Monfrey		Years of relevant experience with this employer		3
Title	Senior Inspector		Years of relevant experience with other employer(s)		26
Degree(s) / Years / Specialization		Certifications: LaDOTD Structural Concrete Inspector, Embankment and Base Course Inspector, PCC Paving Inspector, and Asphalt Paving Inspector/ Technician, Bridge Inspector's Training Course, ATSSA Work Zone Traffic Control Supervisor, Technician, and Flagger			
Active registration number / state / expiration date		N/A			
Year registered	N/A		Discipline	N/A	
Contract role(s) / brief description of responsibilities		Mr. Monfrey will serve as the Lead Bridge Inspector for this project. Mr. Monfrey has over 12 years of experience with the Louisiana Department of Transportation Development. As the Bridge Inspection Leader, he led a team that inspected on and off-system in-service bridges throughout LADOTD District 2. He has extensive movable bridge experience and has had a part in inspecting the only three tunnels in the state of Louisiana.			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
10/18 – 03/20	DOTD SP NO. H007271.6: CANAL BOULEVARD (ROBERT E. LEE – AMETHYST) (CE&I): Mr. Monfrey provided construction inspection for the reconstruction of an existing four (4) lane divided boulevard. This project included grading, drainage structures, milling asphalt pavement, pavement patching, Class II base course, scarifying and compacting roadbed, asphalt concrete pavement, Portland Cement Concrete Pavement, cofferdams, stormwater pumping station, pavement striping, sign and legends and symbols. Mr. Liuzza's responsibilities on this project included responding to RFIs, performing periodic site visits, considering and negotiating change orders, performing substantial completion inspections, and quickly responding to limit the effect of often encountered unforeseen site conditions. The entire construction contract administration and construction engineering and inspection for this project was managed through LaDOTD SiteManager.				
05/19 – 08/20	DOTD SP NO. H011798.6: AIRLINE PARK BOULEVARD (CAMPHOR TO WEST NAPOLEON): Mr. Monfrey was the Resident Inspector for the construction of 0.390 miles of roadway which includes grading, drainage structures, milling asphalt pavement, pavement patching, class ii base course, scarifying and compacting roadbed, asphalt concrete pavement, Portland Cement Concrete Pavement, cofferdams, storm water pumping station, and related work on Airline Park Boulevard from north of its intersection with Camphor St. to its junction with W. Napoleon Ave. Mr. Monfrey prepared daily reports which are recorded through LADOTD Site Manager, inspect the progress of the work to ensure that the Contractor complies with the requirements of the plans and specifications and attends all the progress meetings. Further, Mr. Monfrey wrote in his daily diary items of work performed for the day and the comparison of quantities installed with the Contractor.				
04/19 – 06/20	DOTD SP NO. H.011795: WESTWOOD DRIVE (WB EXPRESSWAY TO LAPALCO): Mr. Monfrey provided construction inspection for the construction of 0.648 miles of roadway which includes 20,516 SY of Portland Cement Concrete Pavement with barrier curb, mountable curb and gutter. This project included Class II base course, drainage pipes and structures, sanitary sewer and				

	related work, and tie-in to the existing Westbank Expressway on the north end and Lapalco Blvd. on the south end. Mr. Monfrey's responsibilities included maintaining all construction field records; making daily entries in the project diary to indicate the contractor's personnel and equipment being utilized on the project, the work being accepted, and the acceptability of traffic control; and the charging of contract time.
02/19 – 04/23	JPPW NO. 2013-011-RB: CAUSEWAY BOULEVARD OVERPASS OF AIRLINE DRIVE: Mr. Monfrey is providing resident inspector for this project which includes the rehabilitation of Ramps 6, 7, and overpass of Causeway Boulevard Overpass at Airline Drive. Mr. Monfrey's responsibilities included the observation of construction activities for structure jacking, span movement, reinforced concrete riser construction, girder strengthening, bridge deck joint sealing, epoxy-urethane overlay, and bridge drainage rehabilitation. Mr. Monfrey is preparing daily reports, inspecting the progress of the work to ensure that the Contractor complies with the requirements of the plans and specifications, and is attending all the progress meetings. He is also writing in his daily diary items of work performed for the day and the comparison of quantities installed with the Contractor.
12/18 – 7/20	GNOEC NO. 433: SOUTHBOUND CAUSEWAY SAFETY RAIL IMPROVEMENTS: Mr. Monfrey provided resident inspection for the improvement of the existing bridge railing system to MASH Test Level 4, the repair of damaged concrete railing, replacement of impact attenuators, relocation of signs and supports, modification of call boxes, installation of pavement markings, and installation of access platforms. Construction Administration included organization of progress meetings, review of submittals (e.g., Construction Schedules, RFIs, Plan Changes, and Materials), and processing of partial pay estimates. Resident Inspection included observation of construction activities (e.g., 48 miles of bridge rail fabrication and installation, 138,000 epoxied anchor rods, and repair of damaged concrete rail), production of daily reports, review of TTC installation/removal, and review of on-site safety.
03/13 - 03/14	JP NO. 2010-045-C2-ST-CONCRETE: SUBMERGED ROAD PROGRAM, JEFFERSON PARISH, LA.: Mr. Monfrey served as the Construction Inspector for the Submerged Road Program in Jefferson Parish, Louisiana. This project consisted of design, construction administration and resident inspection of the Streets Improvement Program for specific projects located throughout Council Districts 1, 2, and 5 in Jefferson Parish.
05/15 – 12/18	DOTD SP NO. H.009479: WEST LAROSE VERTICAL LIFT BRIDGE REHABILITATION, ROUTE LA 1, LAFOURCHE PARISH, LA.: Mr. Monfrey was the lead inspector for the traffic control, structural repairs, and SiteManager for this project. He coordinated the painting and environmental operations as the lead inspector.
03/14 - 06/14	DOTD SP NO. H.009328: MISSISSIPPI RIVER BRIDGE CLEANING, SPOT PAINTING AND REPAIRS, I-10, LA.: Mr. Monfrey was the lead inspector for the traffic control, structural repairs, and SiteManager for this project. He coordinated the painting and environmental operations as the lead inspector.
07/10 - 02/13	DOTD SP NOS., 006-01-0012, 003-01-0018, 006-01-0021, 006-01-0022: HUEY P. LONG BRIDGE WIDENING, JEFFERSON PARISH, LA.: Mr. Monfrey was a Senior Bridge Inspector assigned to the Huey P. Long Bridge widening projects. He supervised the inspection of structural steel erection and bolting, structural concrete construction, embankment and base course construction, concrete paving, and asphaltic concrete paving.

Firm employed by Design Engineering, Inc.					
Name	Wayne "Dickie" Lemoine		Years of relevant experience with this employer		4
Title	Senior Inspector		Years of relevant experience with other employer(s)		49
Degree(s) / Years / Specialization		Certifications: LaDOTD Structural Concrete Inspector, Basic Bridge Safety Inspector's Training, Bridge Inspection Update, Nondestructive Evaluation of Bridge Conditions, Bridge Inspector, Movable Bridge Inspection Training Course, ATSSA Flagger, ATSSA Traffic Control Supervisor, Prager Gear Seminar, Pump and Seal School, Stream Stability and Scour at Highway Bridges for Bridge Inspectors, Hazwoper, Industrial Hydraulics, Deleading of Industrial Structures, Inspection of Fracture Critical Bridge Members			
Active registration number / state / expiration date		N/A			
Year registered	N/A	Discipline	N/A		
Contract role(s) / brief description of responsibilities		Mr. Lemoine will serve as a Bridge Inspector for this project. Mr. Lemoine has over 33 years of experience with the Louisiana Department of Transportation and Development. He has been part of the maintenance of the only three tunnels located in the state of Louisiana and has extensive movable bridge experience.			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
12/18 – 7/20	GNOEC NO. 433: SOUTHBOUND CAUSEWAY SAFETY RAIL IMPROVEMENTS (CE&I): Lead Resident Inspector for the improvement of the existing bridge railing system to MASH Test Level 4, the repair of damaged concrete railing, replacement of impact attenuators, relocation of signs and supports, modification of call boxes, installation of pavement markings, and installation of access platforms. Construction administration included organization of progress meetings, review of submittals (e.g., Construction Schedules, RFIs, Plan Changes, and Materials), and processing partial pay estimates. Resident inspection included observation of construction activities (e.g., 48 miles of bridge rail fabrication and installation, 138,000 epoxied anchor rods, and repair of damaged concrete rail), production of daily reports, review of TTC installation/removal, and review of on-site safety.				
9/13 – 6/16	LA 70 MISSISSIPPI RIVER BRIDGE, PHASE II CE&I, PAINTING INSPECTION, AND ENVIRONMENTAL MONITORING, ST. JAMES PARISH, LA. Inspector for this project, Mr. Lemoine performed structural steel inspection, traffic control inspection, structural concrete repair inspection, and contract administration for the LA 70 Bridge over the Mississippi River. He coordinated the painting and environmental operations with SiteManager Reports and Daily Work Reports. This project included strengthen of steel members, repairing end dams and roadway joints, and painting of the steel approaches.				
10/18-06/19	SUNSHINE BRIDGE, DONALDSONVILLE, LA: Mr. Lemoine performed the inspection on repairs to the expansion joints on the Sunshine Bridge. Mr. Lemoine also inspected the placement of epoxy in the roadway repair. He was responsible for				

	preparing the daily report and attending all project meetings. Mr. Lemoine also reviewed and processed Contractors' invoices.
06/16- Ongoing	SP NO. 706-99-0004, GNOEC#ER-0004: REPAIRS & REPLACEMENT OF THE 9-MILE TURNAROUND SPANS ON LAKE PONTCHARTRAIN CAUSEWAY, ST. TAMMANY AND JEFFERSON PARISHES, LA.: Mr. Lemoine was the inspector on the pile driving and structural concrete placement. He maintained all the SiteManager records and performed the sampling and testing for concrete placements on the decks. The project cost \$2M.
06/17 - Ongoing	CAUSEWAY BRIDGE, METAIRIE, LA: Mr. Lemoine was the Senior Bridge Inspector and coordinator with the Greater New Orleans Expressway Commission. Mr. Lemoine inspected the installation of the dynamic boards at the Causeway bridge. He also inspected the reconstruction of the electrical system of the North Toll Plaza Building and inspected the reconstruction of the exit road and parking lot at the North Toll Plaza.
11/07 – 02/13	LOUISIANA TIMED PROGRAM (LTM), STATEWIDE, LA.: Mr. Lemoine was the lead inspector assigned to the Huey P. Long Bridge widening project, where he managed and inspected the widening of the current bridge to include three 11-foot travel lanes in each direction with the addition of inside and outside shoulders. Instead of adding pier foundations for the main river bridge, the construction plans called for the widening of pier shafts above the existing caisson foundations and the addition of two new parallel trusses to accommodate the widened roadway along the main bridge. For the approaches, new parallel structures were built to accommodate the new roadways. The construction cost \$5.2B.
01/71-01/04	<p>Mr. Lemoine was the Maintenance and Inspection Supervisor for the following:</p> <ul style="list-style-type: none"> ➤ Bayou Sarah Swing Bridge ➤ Judge Perez Bridge ➤ Claiborne Avenue Bridge (Judge Seeber Bridge) ➤ Danziger Bridge ➤ US 11 North Draw ➤ Chef Menteur Pass ➤ Houma Navigation Bridge ➤ Bayou Dularge Bridge ➤ Raceland Vertical Lift Bridge ➤ Kerner Swing Bridge ➤ Kraemer Vertical Lift Bridge ➤ La 24 Company Canal Bridge ➤ LaRose Vertical Lift Bridge ➤ Lockport Swing Bridge ➤ Bayou Black Bridge ➤ LA-661 Bayou LaCarpe Bridge ➤ Bayou La Loutre Bridge

Firm employed by Design Engineering, Inc.			
Name	Jeff Puissegur		Years of relevant experience with this employer
Title	Inspector		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		Tulane University: Bachelor of Arts, Major in Business Management, Minor in Arts & Business Tulane University: Associates of Arts, Business Management Certifications: LaDOTD Embankment and Base Course Inspector, ATSSA Work Zone Traffic Control Technician, Supervisor, and Flagger	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Jeffrey Puissegur will serve as a Certified Inspector for this contract. Mr. Puissegur has completed and holds certifications as an LaDOTD Embankment and Base Course Inspector and an ATSSA Traffic Control Supervisor, Technician, and Flagger. He also has training in USACE Construction Quality Management (CQM) and Resident Management Systems (RMS).	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
05/19 – 08/20	DOTD SP NO. H011798.6: AIRLINE PARK BOULEVARD (CAMPHOR TO WEST NAPOLEON): Mr. Puissegur was the Resident Inspector for the construction of 0.390 miles of roadway which includes grading, drainage structures, milling asphalt pavement, pavement patching, class ii base course, scarifying and compacting roadbed, asphalt concrete pavement, Portland Cement Concrete Pavement, cofferdams, storm water pumping station, and related work on Airline Park Boulevard from north of its intersection with Camphor St. to its junction with W. Napoleon Ave. Mr. Puissegur prepared daily reports which are recorded through LADOTD Site Manager, inspect the progress of the work to ensure that the Contractor complies with the requirements of the plans and specifications and attends all the progress meetings. Further, Mr. Puissegur wrote in his daily diary items of work performed for the day and the comparison of quantities installed with the Contractor.		
09/16 – 02/17	DOTD SP NO. H.007277: LAKE FOREST BOULEVARD: Mr. Puissegur was the Resident Inspector for the construction of approximately 638 LF of Portland Cement Concrete Pavement with barrier curb, barrier rails and retaining wall, including drainage pipes and structures and tie-in to the existing Westbound concrete pavement at Lake Forest Boulevard. Also, approximately 624 LF of the existing Eastbound asphaltic concrete pavement on Lake Forest Boulevard was removed by milling and overlaid with 2” asphaltic concrete wearing course, to develop a 2.5% cross slope. Pavement striping, sign and legends and symbols are included. Mr. Puissegur prepared daily reports which are recorded through LADOTD Site Manager, inspect the progress of the work to ensure that the Contractor complies with the requirements of the plans and specifications and attends all the progress meetings. Further, Mr. Puissegur wrote in his daily diary items of work performed for the day and the comparison of quantities installed with the Contractor.		

03/21 – 07/22	<p>DOTD SP NO. H.007276.6: MAGAZINE ST. (LEAKE AVE TO EAST DRIVE) (CE&I): Mr. Puissegur was the Resident Inspector for this roadway rehabilitation project consisting of removal of existing pavement, excavation/embankment, base course, PCC paving, drainage structures, concrete curb, sidewalks & handicap ramps, water & sewer lines, pavement markings, and related work. Mr. Puissegur prepared daily reports, inspecting the progress of the work to ensure that the Contractor complies with the requirements of the plans and specifications, and is attending all the progress meetings. Further, Mr. Puissegur wrote in his daily diary items of work performed for the day and the comparison of quantities installed with the Contractor. The entire construction contract administration and construction engineering and inspection for this project is managed through LaDOTD SiteManager.</p>
01/13 – 04/16	<p>JPPW NO. 3010-047: JEFFERSON PARISH SUBMERGED ROADWAYS PROGRAM: Resident Inspector for damage evaluation due to Hurricane Katrina and roadway reconstruction of eighty-five (85) concrete streets and eight (8) miles of asphalt roadway repair within Council District 3. Design Engineering's responsibilities included Site Evaluations, Preliminary Plans, Final Plans, Construction Administration, and Resident Inspection. During site evaluations, DEI noted settlement and surface condition and verified the degree and severity of damage described in FEMA Project Work Sheets. Considerations during the design phase were tree root impacts on the existing roadway, addition and/or repair of sidewalks, driveways and handicap ramps, and adjustment of all drainage structures within the roadway limits. Mr. Puissegur prepared daily reports through LaDOTD SiteManager, inspected the progress of the work to ensure that the contractor complied with the requirements of the plans and specifications, and attended all project meetings.</p>
01/08 – 09/14	<p>JPPW 2007-012-PS-PH.3B: AIRLINE DRIVE DRAINAGE CROSSING ST. PETER'S DITCH: Resident Inspector responsible for the quality assurance in the construction of 365 feet of drainage improvements adjacent to and across Airline Drive, including the construction of large drainage junction boxes, micro-tunneling or hand tunneling large diameter drain line across Airline Drive, reinforced concrete box culverts and transition structures. Mr. Puissegur prepared daily reports through LaDOTD SiteManager, inspected the progress of the work to ensure that the contractor complied with the requirements of the plans and specifications, and attended all project meetings</p>

Firm employed by <i>Batture, LLC.</i>				
Name	Robert Mora, PE, PLS		Years of relevant experience with this employer	8
Title	Managing Partner		Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization			B.S./2003/Civil Engineering	
Active registration number / state / expiration date			Professional Civil Engineering – 35109/ LA/ 9-30-2022 Professional Land Surveyor – 5042/ LA/ 9-30-2022	
Year registered	2009 2010	Discipline	Civil Engineering Professional Land Surveyor	
Contract role(s) / brief description of responsibilities			Mr. Mora will serve as Professional Land Surveyor for this project.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
06/18 - present	ST. ANTHONY GREEN STREETS (NEW ORLEANS, LOUISIANA): St. Anthony Green Streets is part of the HUD National Resilience Disaster Competition funded Gentilly Resilience District. The St. Anthony Green Streets project area lies between the London Avenue Canal and St. Anthony Avenue and Robert E Lee Boulevard and Mirabeau Avenue. Batture performed all survey tasks in the project. Mr. Mora is providing civil engineering design support and is the Surveyor of Record for this \$13.4 Million project.			
05/17 - present	CLAIBORNE CORRIDOR (NEW ORLEANS, LOUISIANA): This project aims to revitalize the corridor beneath the Claiborne overpass from Cleveland Avenue to Annette Street (approximately 8,000 linear feet). Mr. Mora was the land surveyor of record for providing a lease survey which was used to create a land lease between the City of New Orleans and the LADOTD. After finalizing the lease agreement, Mr. Mora supervised the preparation of right of way and topographic surveys for use during the design of this transformative project. The project will take place in 4 phases. To date, the first two phases of survey are complete.			
08/17 –08/17	SWB EMERGENCY GENERATOR (NEW ORLEANS, LOUISIANA): Following the Aug 5, 2017, floods in New Orleans, Batture was contracted to provide land surveying for the emergency design and installation of five generators and electric service lines to provide backup power to five existing drainage pump stations. Mr. Mora was the land surveyor of record for this project providing topographic and utility location surveys. The work, which normally would be delivered in 30-45 days, was delivered in 6 days per the client’s request to expedite the work.			

Firm employed by Batture, LLC.			
Name	Roderick Richardson		Years of relevant experience with this employer
Title	Survey Operations Manager		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		B.S./ 2002/ Architectural Engineering	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Mr. Richardson will serve as Survey Operations Manager for this project.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
11/21 – present	NASHVILLE WHARF “A” SUBSTRUCTURE SURVEY AND REPAIR (NEW ORLEANS, LOUISIANA): The Nashville Wharf “A” was constructed in 1960 & 1961. The wharf has been modified and repaired multiple times since its original construction. In 2017, a section of the wharf experienced a deck failure due to severely deteriorated substructure piling. The resulting project repaired the failed deck section and surrounding piling surveyed the remainder of the wharf substructure and began piling repairs along the length of the wharf. The prior substructure repair project was not fully completed, with some areas and individual piles being only partially repaired. The project was met with challenges from varying existing conditions and difficulty performing repairs in fluctuating river levels. Batture has been hired to perform a substructure inspection of the wharf and develop a repair project to restore piling capacity and provide corrosion protection to the wharf substructure as a whole. Rod led the survey portion of this project.		
10/21 – 12/21	MILNEBURG NEIGHBORHOOD STORMWATER RESILIENCE (NEW ORLEANS, LOUISIANA): The City of New Orleans is undertaking an unprecedented network of integrated initiatives across Gentilly that will reduce flood risk, slow land subsidence, spur economic opportunity, improve health, encourage neighborhood revitalization, and adapt our city to a changing natural environment. Dana Brown & Associates, Inc. (DBA) is providing design services on the Milneburg Project as part of this larger initiative in Gentilly. DBA contracted Batture to provide land surveying services in support of their design. The scope of work included a topographic land survey, elevations, utilities, and survey drawings. Rod served as project manager.		
08/12 – 05/19	MAGAZINE ST PHASE I (NASHVILLE-CALHOUN) PHASE II (CALHOUN-LEAKE) (NEW ORLEANS, LOUISIANA): This City of New Orleans DPW Project consisted of surveying and engineering design services for the reconstruction of several blocks in the Audubon Area. Work included reconstruction of the existing roadway and replacement of affected utilities. Rod Richardson acted as Survey Party Chief on this project. Construction Cost \$16 million.		

Firm employed by Batture, LLC.				
Name	Paul Mattingly, EI		Years of relevant experience with this employer	2
Title	Survey/Civil Designer		Years of relevant experience with other employer(s)	4
Degree(s) / Years / Specialization			B.S./ 2016/ Civil Engineering	
Active registration number / state / expiration date			EI/ 33363/ LA/ 9-30-2023	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			Mr. Mattingly will serve as Survey/ Civil Designer for this project.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
11/21 – present	NASHVILLE WHARF “A” SUBSTRUCTURE SURVEY AND REPAIR (NEW ORLEANS, LOUISIANA): The Nashville Wharf “A” was constructed in 1960 & 1961. The wharf has been modified and repaired multiple times since its original construction. In 2017, a section of the wharf experienced a deck failure due to severely deteriorated substructure piling. The resulting project repaired the failed deck section and surrounding piling, surveyed the remainder of the wharf substructure, and began piling repairs along the length of the wharf. The prior substructure repair project was not fully completed, with some areas and individual piles being only partially repaired. The project was met with challenges from varying existing conditions and difficulty performing repairs in fluctuating river levels. Batture has been hired to perform a substructure inspection of the wharf and develop a repair project to restore piling capacity and provide corrosion protection to the wharf substructure as a whole. Mr. Mattingly was the survey party chief for this project.			
06/20 – present	ST. BERNARD CAMPUS WATER RESILIENCE PROJECT (NEW ORLEANS, LOUISIANA): Batture, LLC is performing the surveying and assisting in the engineering design of the water management project along Bayou St John and within the Gentilly Resilience District. Batture, LLC is providing surveying support services to assist with design and construction related to the St Bernard Stormwater Resilience Project, including right of way investigation, boundary, topography, utility, and control surveying. Mr. Mattingly is the survey party chief for this project.			
11/19 – 01/22	PONTILLY STORMWATER HMGP PROJECT (NEW ORLEANS, LA): The Pontilly Neighborhood Stormwater Network project will reduce flood risk and beautify green spaces in the Pontchartrain Park and Gentilly Woods neighborhoods through the construction of green infrastructure strategies. The project will combine improvements to the Dwyer Canal with a network of interventions along streets, in alleyways, and within vacant lots designed to slow and store stormwater. Batture is providing surveying services as a subconsultant to Fleming Construction. Batture’s scope includes layout of construction features, as-built surveys and drawings, quantity surveys and drawings. Mr. Mattingly is the survey party chief for this project.			

Firm employed by Batture, LLC.			
Name	Tylon Richard		Years of relevant experience with this employer
Title	Survey/Civil Designer		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		B.S./ 2021/ Civil Engineering	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Mr. Richard will serve as Survey Technician for this project.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
10/20 – present	ST. ANTHONY GREEN STREETS RESILIENCE PROJECT (NEW ORLEANS, LOUISIANA): Batture, LLC is leading the design team for this project within the Gentilly Resilience District. St. Anthony Green Streets is part of the HUD National Resilience Disaster Competition funded Gentilly Resilience District. The St. Anthony Green Streets project area lies between the London Avenue Canal and St. Anthony Avenue and Robert E Lee Boulevard and Mirabeau Avenue. The priority streets consist of Wildair Drive and Wingate Drive and two parks. The project goal is to improve the resilience of the neighborhood. For the St. Anthony project, there is heavy emphasis on the reduction of subsidence and to better connect the parks to the neighborhood. Batture performed all survey tasks in the project, including topographic survey and providing FFE’s for the BCA. Interventions will take place within the street Right of Ways and the two parks. Mr. Richard is a drafter and designer for this project.		
11/20 – 08/21	LEONIDAS GROUP C & D (NEW ORLEANS, LOUISIANA): The City of New Orleans Department of Public Works is managing numerous Road Enhancement and Reconstruction projects throughout New Orleans. Batture is performing the professional surveying and engineering services for the Leonidas Group C & D neighborhood. Tasks for this project included topographic survey, preliminary design, environmental study, final design, bid and award, construction administration, and inspection/ reporting/ verification. Mr. Richard was a surveyor and drafter for the project.		
06/18 – present	ST. BERNARD CAMPUS WATER RESILIENCE PROJECT (NEW ORLEANS, LOUISIANA): Batture, LLC is performing the surveying and assisting in the engineering design of the water management project along Bayou St John and within the Gentilly Resilience District. Batture, LLC is providing surveying support services to assist with design and construction related to the St Bernard Stormwater Resilience Project, including right of way investigation, boundary, topography, utility, and control surveying. Mr. Richard is a drafter and surveyor for this project.		

Firm employed by Batture, LLC.			
Name	Clifford "Kip" Montero		Years of relevant experience with this employer
Title	Surveyor/ Inspector		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		N/A	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Mr. Montero will serve as Survey Technician for this project.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
08/19 – 08/20	LA SAFE GRETN A RESILIENCE DISTRICT KICKSTART PHASE I (NEW ORLEANS, LOUISIANA): The Gretna Resilience District Kickstart is an ambitious parish-owned Resilient Infrastructure and Community Nonstructural Mitigation/Flood Risk Reduction project. Improvements to the park include greater stormwater retention, enhanced entryways, pathways and signage, additional seating and pavilions, and the installation of a tiered dock that will connect visitors to the water. The improvements include green infrastructure features to increase storage capacity and improve conveyance of stormwater in an area with a high concentration of repetitively flooded homes and businesses in an area that is primarily LMI. In addition, the canal enhancements include the creation of recreational amenities for biking, walking and interactive community spaces. Batture is performing all H&H modeling (and surveying associated with the modeling), structural engineering, civil site design, stormwater management design, habitat assessments, and some cost estimation for the project. Clifford is performing surveying tasks for this project.		
05/21 – 02/22	RR 101 LITTLE WOODS, GROUP B (FRC) RESILIENCE (NEW ORLEANS, LOUISIANA): Mr. Montero provided resident inspection services for the Little Woods Full Reconstruction project in New Orleans, Louisiana which includes repairs/improvements to sewer, water, and pavement. This project involves roadway pavement (asphalt, concrete, and composite), concrete sidewalks, driveways, curbs, and ADA Ramps based on storm related damages & constructability concerns. As resident inspector, Mr. Montero reviewed specifications and plans to ensure the project was constructed according to specifications, inspected and monitored all work in progress, verified that materials on site conform to specifications and drawings, photographed pertinent activities on job sites showing construction details, witnessed tests performed by testing agency, completed daily logs and attended any required project meetings.		
12/20 – present	SEWERAGE & WATER BOARD TRANSMISSION LINE TM005 (NEW ORLEANS, LOUISIANA): Batture is providing topographic and right-of-way land surveying for this project to support design for water repairs and related infrastructure improvements in New Orleans. Mr. Montero is a surveyor for this project.		

Firm employed by Batture, LLC.				
Name	Kevin Dinh, EI		Years of relevant experience with this employer	2
Title	Survey/ Civil Designer		Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization			B.S./ 2019/ Civil Engineering	
Active registration number / state / expiration date			EI/ 34377/ LA/9-30-2022	
Year registered	2020	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Mr. Montero will serve as Surveyor/ Drafting Technician for this project.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
10/20 – present	ST. ANTHONY GREEN STREETS RESILIENCE PROJECT (NEW ORLEANS, LOUISIANA): Batture, LLC is leading the design team for this project within the Gentilly Resilience District. St. Anthony Green Streets is part of the HUD National Resilience Disaster Competition funded Gentilly Resilience District. The St. Anthony Green Streets project area lies between the London Avenue Canal and St. Anthony Avenue and Robert E Lee Boulevard and Mirabeau Avenue. The priority streets consist of Wildair Drive and Wingate Drive and two parks. The project goal is to improve the resilience of the neighborhood. For the St. Anthony project, there is heavy emphasis on the reduction of subsidence and to better connect the parks to the neighborhood. Batture performed all survey tasks in the project, including providing FFE’s for the BCA. Interventions will take place within the street Right of Ways and the two parks. Mr. Dinh is a drafter for this project.			
11/20 – 08/21	LEONIDAS GROUP C & D (NEW ORLEANS, LOUISIANA): The City of New Orleans Department of Public Works (DPW) is managing numerous Road Enhancement and Reconstruction projects throughout New Orleans. Batture is performing the professional engineering services for the Leonidas Group C & D neighborhood. Tasks for this project include survey, preliminary design, environmental study (if requested), final design, bid and award, construction administration, and inspection/ reporting/ verification. Mr. Dinh is a surveyor and drafter for the project.			
12/20 – present	SEWERAGE & WATER BOARD TRANSMISSION LINE TM005 (NEW ORLEANS, LOUISIANA): Batture is providing topographic and right-of-way land surveying for this project to support design for water repairs and related infrastructure improvements in New Orleans. Mr. Dinh is a drafter for this project, preparing deliverables in accordance with DPW & SWB standards.			

17. Firm Experience:

Firm name	Design Engineering, Inc.		Past Performance Evaluation Discipline(s)*	Road, CE&I/OV
Project name	CANAL BOULEVARD (ROBERT E. LEE – AMETHYST)		Firm responsibility (prime or sub?)	Prime
Project number	H.007271.6	Owner's name	City of New Orleans	
Project location	Orleans Parish		Owner's Project Manager	Grayson Fleming
Owner's address, phone, email	1300 Perdido Street, Room 6W03, New Orleans, LA 70113, (504) 658-8065, grfleming@nola.gov			
Services commenced by this firm (mm/yy)	10/18	Total consultant contract cost (\$1,000's)		\$859
Services completed by this firm (mm/yy)	11/20	Cost of consultant services provided by this firm (\$1,000's)		\$859

Design Engineering, Inc. (DEI) is responsible for providing the construction contract administration and construction engineering inspection services for the reconstruction of Canal Blvd., an existing four (4) lane divided boulevard. Including in this project is grading, drainage structures, milling asphalt pavement, pavement patching, class II base course, scarifying and compacting roadbed, asphalt concrete pavement, Portland Cement Concrete Pavement, cofferdams, storm water pumping station, and related work on Canal Boulevard from Robert E. Lee Blvd. to Amethyst Street. Pavement striping, sign and legends and symbols are also included. Construction Management performed by the office and site personnel includes:

- Schedule and attend the preconstruction meeting.
- Maintain all construction field records; make daily entries in the project diary to indicate the contractor's personnel and equipment being utilized on the project, the work being accepted, the acceptability of traffic control, and the charging of contract time. **All of these activities are managed through LADOTD's Site Manager Program.**
- Coordinate with Jefferson Parish Engineer/Representative for all relocations/adjustments of utility facilities and existing drainage structures for the construction of work site.
- Inspect the Contractor's construction operations (daily) to ensure that all work is performed in accordance with the specified plans and specifications.
- Prepare final estimate packages, including Form 2059 – "Summary of Test Results" in conformance with the DOTD's requirements.
- Prepare plan changes and change orders.
- Review and process Contractor's invoices and generate partial estimates and weather and workday reports in Site Manager.
- Work on the 175 project closeout and submit all documents required by LADOTD Baton Rouge, Construction Audit.

Personnel involved & will be utilized in this submittal:

Jim Martin
John Holtgreve
Brett Liuzza
Jeff Monfrey



Firm name	Design Engineering, Inc.		Past Performance Evaluation Discipline(s)*	Road, CE&I/OV
Project name	AIRLINE PARK BOULEVARD (CAMPHOR TO WEST NAPOLEON)		Firm responsibility (prime or sub?)	Prime
Project number	H.011798.6	Owner's name	Jefferson Parish	
Project location	Jefferson Parish		Owner's Project Manager	Mark Drewes
Owner's address, phone, email	1221 Elmwood Park, Suite 802, Jefferson, LA, (504) 736-6505, mdrewes@jeffparish.net			
Services commenced by this firm (mm/yy)	05/19	Total consultant contract cost (\$1,000's)		\$348
Services completed by this firm (mm/yy)	08/20	Cost of consultant services provided by this firm (\$1,000's)		\$348

Design Engineering, Inc. (DEI) is responsible for providing the construction contract administration and construction engineering inspection services for the construction of 0.390 miles of roadway which includes grading, drainage structures, milling asphalt pavement, pavement patching, class ii base course, scarifying and compacting roadbed, asphalt concrete pavement, Portland Cement Concrete Pavement, cofferdams, storm water pumping station, and related work on Airline Park Boulevard from north of its intersection with Camphor St. to its junction with W. Napoleon Ave. Pavement striping, sign and legends and symbols are also included. Construction Management performed by the office and site personnel includes:

- Schedule and attend the preconstruction meeting.
- Maintain all construction field records; make daily entries in the project diary to indicate the contractor's personnel and equipment being utilized on the project, the work being accepted, the acceptability of traffic control, and the charging of contract time. **All of these activities are managed through LADOTD's Site Manager Program.**
- Coordinate with Jefferson Parish Engineer/Representative for all relocations/adjustments of utility facilities and existing drainage structures for the construction of work site.
- Inspect the Contractor's construction operations (daily) to ensure that all work is performed in accordance with the specified plans and specifications.
- Prepare final estimate packages, including Form 2059 – "Summary of Test Results" in conformance with the DOTD's requirements.
- Prepare plan changes and change orders.
- Review and process Contractor's invoices and generate partial estimates and weather and workday reports in **Site Manager**.
- Work on the 175 project closeout and submit all documents required by LADOTD Baton Rouge, Construction Audit.

Personnel involved & will be utilized in this submittal:

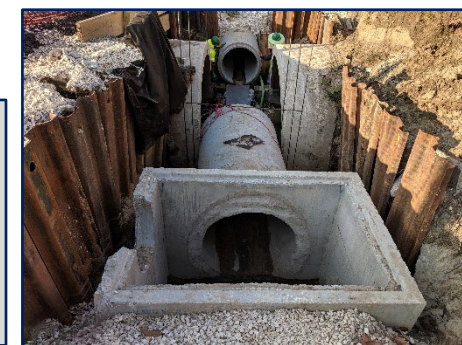
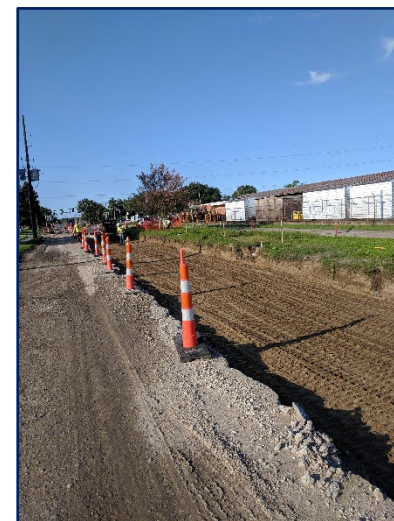
Jim Martin	Ben Bartlett
John Holtgreve	Jeff Puissegur
	Jeff Monfrey



Firm name	Design Engineering, Inc.		Past Performance Evaluation Discipline(s)*	Road, CE&I/OV
Project name	WESTWOOD DRIVE (WB EXPRESSWAY. TO LAPALCO)		Firm responsibility (prime or sub?)	Prime
Project number	H.011795	Owner's name	Jefferson Parish	
Project location	Jefferson Parish		Owner's Project Manager	Mark Drewes
Owner's address, phone, email	1221 Elmwood Park, Suite 802, Jefferson, LA, (504) 736-6505, mdrewes@jeffparish.net			
Services commenced by this firm (mm/yy)	04/19	Total consultant contract cost (\$1,000's)		\$602
Services completed by this firm (mm/yy)	06/20	Cost of consultant services provided by this firm (\$1,000's)		\$602

Design Engineering, Inc. (DEI) is responsible for providing the construction contract administration and construction engineering inspection services for the construction of 0.648 miles of roadway which includes 20,516 SY of Portland Cement Concrete Pavement with barrier curb, mountable curb, and gutter, including Class II base course, drainage pipes and structures, sanitary sewer and related work, and tie-in to the existing Westbank Expressway on the north end and Lapalco Blvd. on the south end. Pavement striping, sign and legends, and symbols are also included. Construction Management performed by the office and site personnel includes:

- Schedule and attend the preconstruction meeting.
- Maintain all construction field records; make daily entries in the project diary to indicate the contractor's personnel and equipment being utilized on the project, the work being accepted, the acceptability of traffic control, and the charging of contract time. **All of these activities are managed through LADOTD's Site Manager Program.**
- Coordinate with Jefferson Parish Engineer/Representative for all relocations/adjustments of utility facilities and existing drainage structures for the construction of work site.
- Inspect the Contractor's construction operations (daily) to ensure that all work is performed in accordance with the specified plans and specifications.
- Prepare final estimate packages, including Form 2059 – "Summary of Test Results" in conformance with the DOTD's requirements.
- Prepare plan changes and change orders.
- Review and process Contractor's invoices and generate partial estimates and weather and workday reports in **Site Manager**.
- Work on the 175-project closeout and submit all documents required by LADOTD Baton Rouge, Construction Audit.



Personnel involved & will be utilized in this submittal:

Jim Martin
John Holtgreve
Ben Bartlett
Jeff Monfrey

Firm name	Design Engineering, Inc.		Past Performance Evaluation Discipline(s)*	Road, CE&I/OV
Project name	LAKE FOREST BOULEVARD		Firm responsibility (prime or sub?)	Prime
Project number	H.007277	Owner's name	City of New Orleans	
Project location	New Orleans, LA		Owner's Project Manager	Alan Weber
Owner's address, phone, email	1300 Perdido Street, New Orleans, LA, (504) 658-8043, aweber@nola.gov			
Services commenced by this firm (mm/yy)	10/16	Total consultant contract cost (\$1,000's)		\$500.75
Services completed by this firm (mm/yy)	02/17	Cost of consultant services provided by this firm (\$1,000's)		\$106

Design Engineering, Inc. (DEI) was responsible for the Construction Engineering and Resident Inspection services for the construction of approximately 638 LF of Portland Cement Concrete Pavement with barrier curb, barrier rails and retaining wall, including drainage pipes and structures and tie-in to the existing Westbound concrete pavement at Lake Forest Boulevard. Also, approximately 624 LF of the existing Eastbound asphaltic concrete pavement on Lake Forest Boulevard was removed by milling and overlaid with 2" asphaltic concrete wearing course, to develop a 2.5% cross slope. Pavement striping, sign and legends and symbols are included. Construction Management performed by the office and site personnel includes:

- Scheduled and attended the preconstruction meeting.
- Maintained all construction field records; made daily entries in the project diary to indicate the contractor's personnel and equipment being utilized on the project, the work being accepted, the acceptability of traffic control, and the charging of contract time. **All of these activities were managed through LADOTD's Site Manager Program.**
- Coordinated with the City of New Orleans Engineer/Representative for all relocations/adjustments of utility facilities and existing drainage structures for the construction of work site.
- Inspected the Contractor's construction operations (daily) to ensure that all work was performed in accordance with the specified plans and specifications.
- Conducted a quarterly Project Site Review to the employees of the Contractor and Subcontractors, according to EDSM 111.1.1.9.
- Prepared final estimate packages, including Form 2059 – "Summary of Test Results" in conformance with the DOTD's requirements.
- Prepared plan changes and change orders.
- Reviewed and processed Contractor's invoices and generate partial estimates and weather and workday reports in Site Manager.
- Worked on the project closeout and submitted all documents required by LADOTD Baton Rouge, Construction Audit.



Personnel involved & will be utilized in this submittal:

Jim Martin
John Holtgreve
Ben Bartlett
Jeff Puissegur

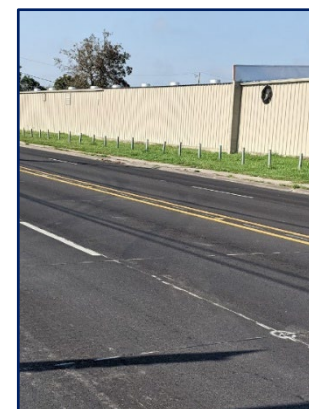
Firm name	Design Engineering, Inc.		Past Performance Evaluation Discipline(s)*		Road, CE&I/OV
Project name	AMES BOULEVARD (WB EXPRESSWAY-HAPPY STREET)			Firm responsibility (prime or sub?)	Prime
Project number	H.011797	Owner's name	Jefferson Parish		
Project location	Jefferson Parish		Owner's Project Manager	Mark Drewes	
Owner's address, phone, email	1221 Elmwood Park Blvd., Jefferson, LA, (504) 736-6505, mdrewes@jeffparish.net				
Services commenced by this firm (mm/yy)	02/21	Total consultant contract cost (\$1,000's)			\$512
Services completed by this firm (mm/yy)	12/21	Cost of consultant services provided by this firm (\$1,000's)			\$838

Design Engineering, Inc. (DEI) was responsible for providing the construction **contract administration and construction engineering inspection services for the construction of 0.39 miles of roadway** which included asphalt paving inspection, estimate generation, material sampling, submittal review, and project close out. Construction Management performed by the office and site personnel included:

- Scheduling and attending the preconstruction meeting.
- Maintaining all construction field records; making daily entries in the project diary to indicate the contractor's personnel and equipment being utilized on the project, the work being accepted, and the acceptability of traffic control; and the charging of contract time. **These activities were managed through LaDOTD's SiteManager Program.**
- Coordinating with Jefferson Parish Engineer/Representative for all relocations/adjustments of utility facilities and existing drainage structures for the construction of work site.
- Inspecting the Contractor's construction operations daily to ensure that all work is performed in accordance with the specified plans and specifications.
- **Preparing final estimate packages, including Form 2059 – "Summary of Test Results" in conformance with the DOTD's requirements.**
- Preparing plan changes and change orders.
- Reviewing and processing Contractor's invoices and generating partial estimates and weather and workday reports in **Site Manager**.
- **Working on the 175-project closeout and submitting all documents required by LaDOTD Baton Rouge, Construction Audit.**

Personnel Involved & to be Used:

Jim Martin
Brett Liuzza
Jeff Monfrey



Firm name	Batture, LLC.			Past Performance Evaluation Discipline(s)*	Survey	
Project name	LA SAFE GREटना RESILIENCE DISTRICT KICKSTART PHASE I				Firm responsibility (prime or sub?)	Sub
Project number		Owner's name	City of Gretna / Waggonner & Ball (Prime)			
Project location	Gretna, LA			Owner's Project Manager	Amelia Pellegrin	
Owner's address, phone, email		(504) 524-5308, andy@wbae.com				
Services commenced by this firm (mm/yy)		08/19	Total consultant contract cost (\$1,000's)			Unknown
Services completed by this firm (mm/yy)		08/20	Cost of consultant services provided by this firm (\$1,000's)			\$180

The Gretna Resilience District Kickstart is a parish-owned Resilient Infrastructure and Community Nonstructural Mitigation/Flood Risk Reduction project. This phase of the project focuses on Gretna City Park, an existing public space that occupies nearly 100 acres in the center of the City of Gretna. The existing amenities are focused primarily on passive use with lots of open space, an existing retention pond, forested areas, and some pathways connection to limited parking areas. Aside from the primary goal of the project, which is to address localized flooding and repetitive loss in the district, other goals include: improving access to the park and connectivity into its interior, introduce more active programming elements, provide landmarks and destinations within the park, provide additional parking, repair existing structure on site such as the outfall weir on Claire Ave, designate pedestrian routes through the park with the use of trails, expand and enhance the existing pond system, improve water quality within the park and district to provide a healthier habitat for local wildlife, and introduce interpretive signage to educate the public about water quality and green infrastructure.

Waggonner & Ball Architecture/Environment (WBAE) (the project architects) worked with the City of Gretna on an 8-week programming/scenario planning phase prior to beginning design on the Gretna Park Resiliency Improvements project. Once this initial phase was complete Batture worked directly with WBAE and the project landscape architect (Carbo Landscape Architecture) for the design phase. Batture was responsible for all H&H modeling (and surveying associated with the modeling); structural engineering of the renovation weir structure platform, proposed overflow weir structures for the expanded lagoon system, and new event pavilion; civil site design and grading; stormwater management design; habitat assessments; sedimentation and erosion control; and some cost estimation for the project.

Firm name	Batture, LLC.			Past Performance Evaluation Discipline(s)*	Survey
Project name	MID-BRETON SEDIMENT DIVERSION			Firm responsibility (prime or sub?)	Sub
Project number		Owner's name	CPRA		
Project location	Plaquemines Parish, LA			Owner's Project Manager	Unknown
Owner's address, phone, email	Stantec, Dan Grandel, 504-322-3050 ext 109, dan.grandel@stantec.com				
Services commenced by this firm (mm/yy)	03/19	Total consultant contract cost (\$1,000's)			Unknown
Services completed by this firm (mm/yy)	06/19	Cost of consultant services provided by this firm (\$1,000's)			\$150

The Mid-Breton Sediment Diversion Project is located on the east side of the Mississippi River near river mile 68 above Head of Passes (AHP). The intent of the project is to capture sediment laden water from the Mississippi River and then convey that captured water and sediment to the Breton Sound Basin. Stantec is providing programming, design, and construction administration for the the design and construction of the Mid Breton Sediment Diversion Project. Batture LLC provided topographic & right-of-way surveying for a portion of LA Hwy 39 in support of the project in accordance with DOTD drawing standards.

Firm name	Batture, LLC.			Past Performance Evaluation Discipline(s)*	Survey	
Project name	STAGE 0/PHASE I AND STAGE I/PHASE INFRASTRUCTURE IMPROVEMENTS: CAUSEWAY BOULEVARD AT US 90/JEFFERSON HIGHWAY				Firm responsibility (prime or sub?)	Sub
Project number		Owner's name	New Orleans Regional Planning Commission (Agency)			
Project location	Jefferson Parish, LA			Owner's Project Manager	Unknown	
Owner's address, phone, email	Jeffrey W. Roesel, 504-483-8500, jroesel@norpc.org					
Services commenced by this firm (mm/yy)		03/19	Total consultant contract cost (\$1,000's)			Unknown
Services completed by this firm (mm/yy)		08/20	Cost of consultant services provided by this firm (\$1,000's)			\$152.87

Batture, LLC assisted Design Engineering, Inc. in generating the Stage 0/Stage 1 report for the improvement of the Causeway Boulevard/Jefferson Highway interchange to accommodate additional traffic from the Ochsner Hospital expansion. The Stage 0 identified various alternatives and potential utilities, environmental constraints, or other issues that could influence the concept's feasibility, timing, and impact on the physical, natural, and human environment. Batture produced the "Environmental Impacts" report section, including DOTD's Stage 0 Environmental Checklist.

In Phase II, Batture provided environmental and surveying services including right-of-way surveying and identified any conflicting issues present for the revised Stage 0 and Phase 1. Building on information gathered in Phase I of this project, Batture provided a revised Stage 0 Environmental Checklist/Narrative, Phase I Environmental Site Assessment, Preliminary Environmental Assessment, FONSI, and Stage I Report.

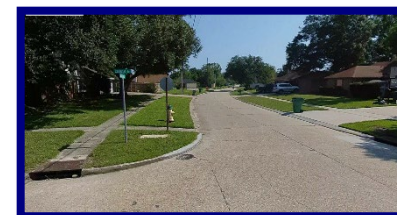
18. Approach and Methodology:

PROJECT UNDERSTANDING:

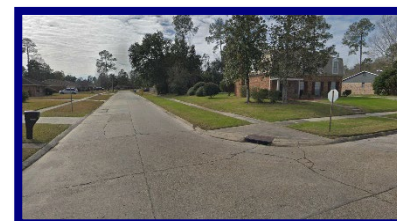
Design Engineering, Inc. (DEI) will provide Construction Contract Administration, Construction Engineering, and Inspection (CE&I) services for the rehabilitation of the PCCP on Grafton Drive from Cardinal Drive to E. Pinewood Drive in St. Tammany Parish:

We understand that this project consists of reconstructing approximately 3,600 LF of primarily residential concrete panel roadway. DEI will provide Certified Inspectors (Jeff Monfrey, Wayne Lemoine & Jeff Puissegur) to perform resident inspection and field testing for quality assurance. These inspectors meet the DOTD's qualification and certification requirements (see below).

The role of the CE&I contractor is essentially one of Quality Assurance, Document Control, and Project Coordination. The concept of quality assurance refers to the combined efforts of quality control and acceptance processes to assure that the project will provide the public with a durable product exhibiting a high level of performance.

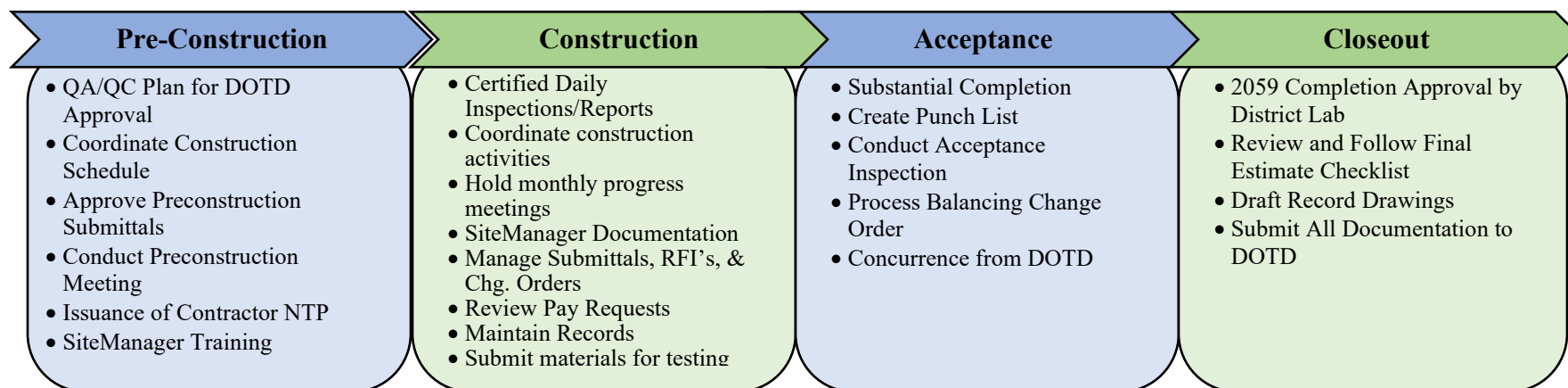


Grafton Dr & Cardinal Dr



Grafton Dr & E. Pinewood Dr

PROJECT PHASES:



Outlined above is a graphical representation of DEI's approach to CE&I Projects. Below are some aspects of this timeline explained in greater detail, including the delegation of personnel to said tasks:

Pre-Construction Phase

- **QA/QC Plan:** Upon contract award, DEI's Engineers (Ben Bartlett, Brett Liuzza, John Karlin, & Collin Gillen) will submit a QA/QC Plan to the DOTD within ten (10) business days.
- **Pre-Construction Meeting:** DEI's lead Project Engineer (Brett Liuzza) and Construction Manager (Jay Rafferty) will coordinate with the Entity and the DOTD District personnel to schedule and conduct the pre-construction meeting, which will be based on the DOTD's Pre-Construction Meeting Checklist.
- **SiteManager Training:** SiteManager will be used for construction management on this project. If required, DEI will train personnel in the use of this program with the help of an assigned DOTD trainer.

Construction Phase

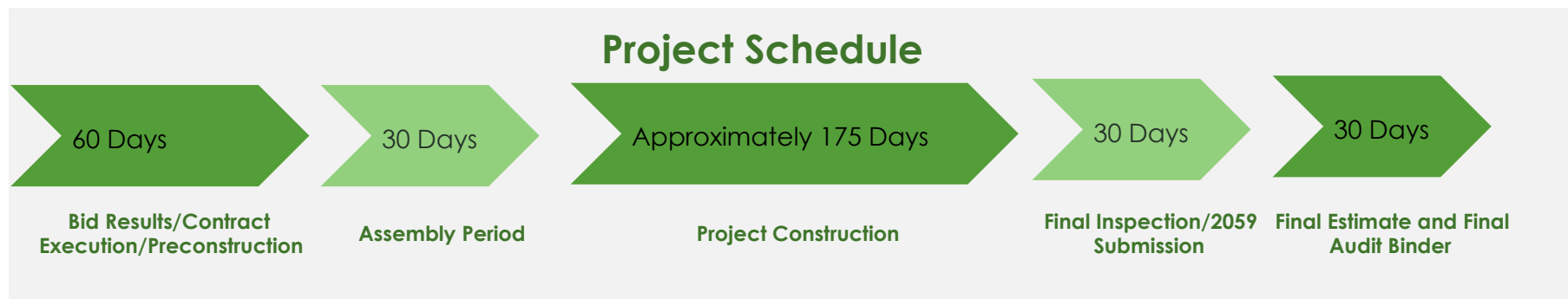
- **Construction Coordination:** DEI's Project Engineer and Construction Manager will coordinate construction activities with the Entity, the FWHA, and a DOTD representative. They will also hold conferences, perform site visits, and carry out inspections with DOTD representatives. DEI will obtain approval from the DOTD for material, equipment, and construction procedures. DEI will also seek DOTD approval before changing any plans.
- **Inspection:** DEI's Resident Inspectors will perform daily inspections of construction operations to ensure that all operations are in accordance with the project plans and specifications. They will perform resident inspection of erosion control devices and report any deficiencies to the Firm. Along with representatives from the DOTD and the Entity, they will also perform inspection of pre-cast materials. Additionally, the team will meet with the DOTD Statewide Sign Inspector to ensure that construction signage is compliant with MUTCD and Traffic Control standards.
- **Maintain Records:** DEI's Construction Manager will maintain all construction field records and make daily entries in the project diary. He will keep clear and concise records of the contractual operations, prepare monthly pay estimates, and make monthly progress reports. Additionally, he will monitor and document all construction claims and provide recommendations for claim disposition.
- **Submittals/RFIs/Change Orders:** The DEI engineers will coordinate with the Entity's Engineer/Representative for all relocations/adjustments of utility facilities for the construction of the work site. They will prepare all submittal approvals and change orders, as well as manage the RFI process.
- **Materials Testing:** DEI will submit all sampled materials to be tested by the DOTD District 62 Testing Laboratory. In the event that the DOTD's testing laboratory is unavailable, tests will be performed at Eustis Engineering's testing facility.



MacArthur Drive



Fleur De Lis Drive



Acceptance Phase

- **Acceptance Inspection:** Upon substantial completion, the DEI team will perform a final inspection of the project area with representatives for the contractor and the DOTD present.
- **Punch List:** Based on the findings of the final inspection, DEI's Construction Manager will create a punch list of any remaining tasks to perform.

Closeout Phase

- **Final Estimate Packages:** DEI will prepare final estimate packages, including Form 2059 – “Summary of Test Results”.
- **Final Checklist:** DEI's Construction Manager will review final estimate checklist.
- **As-Built Plans:** The DEI engineering team will create As-Built Plans to represent the work performed on the roads, including all plan changes. They will be submitted to the DOTD with the final estimate.
- **Document Submittal:** To complete the project, all documentation will be submitted to the DOTD.






Manhattan Boulevard

LADOTD CERTIFICATIONS	INSPECTORS				ENGINEERS			
	JAY RAFFERTY (Construction Mgr.)	JEFF MONFREY	WAYNE LEMOINE	JEFF PUISSEGUR	BEN BARTLETT	BRETT LIUZZA	JOHN KARLIN	COLLIN GILLEN
ASPHALT PAVING		X						
EMBANKMENT & BASE COURSE		X		X				
STRUCTURAL CONCRETE		X	X					
PORTLAND CEMENT CONCRETE PAVING		X	X					
TRAFFIC CONTROL TECHNICIAN	X	X	X	X	X	X	X	X
TRAFFIC CONTROL SUPERVISOR	X	X	X	X	X	X	X	X
FLAGGER	X	X	X	X	X	X	X	X

DEI's CE&I Projects		
Project Name	Entity	Completion
Robert E. Lee Blvd. Improvements (Wickfield Dr. to Elysian Fields Ave.)	DOTD	2009
Robert E. Lee Blvd. Improvements (Pratt Dr. to Paris Ave.)	DOTD	2011
Fleur De Lis Drive Reconstruction - Phase II (Veterans Blvd. to N. 30th Street)	DOTD	2011
Lake Forest Boulevard	DOTD	2017
Washington Avenue Pedestrian Bridge Crossing	DOTD	2018
Chateau Boulevard Resurfacing	DOTD	2018
Canal Boulevard (R.E. Lee to Amethyst)	DOTD	2020
Westwood Drive (WB Expy to Lapalco)	DOTD	2020
Airline Park Boulevard (Camphor to W. Napoleon)	DOTD	2021
Ames Boulevard	DOTD	2022
Magazine Street	DOTD	2023 est.

19. Workload:

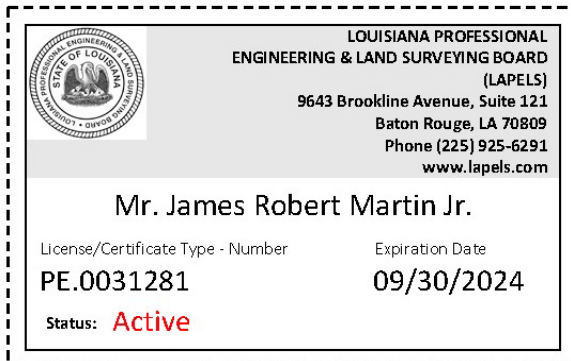
Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
	CE&I/OV	Contract No. 4400019530 SP# H.007273	Magazine St. (Leake Avenue to East Drive)	\$26,559.50
	CE&I/OV	SP# H.002956.5	Earhart Expressway at Dakin Street, Route LA 3139	\$89,809.50
	N/A	N/A	N/A	N/A

20. Certifications/Licenses:

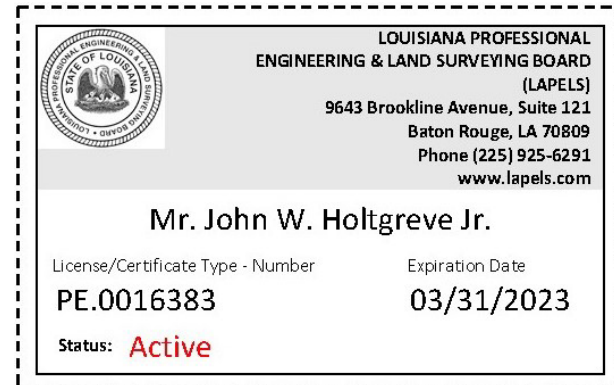
If the advertisement requires submission of licenses and/or certificates, include them here. **Otherwise, leave this section blank.**



Jim Martin, PH.D., P.E.



John Holtgreve, P.E.





Ben Bartlett, P.E., P.T.O.E.

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Benjamin Bartlett
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course

2/18/2022 to 2/19/2026
Training Valid Through

New Orleans, LA
Location

Benjamin Bartlett
Director of Training

Alan Tischer
President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.

ATSSA
American Traffic Safety Services Association ATSSA.com

DOTD
LOUISIANA DEPARTMENT OF
TRANSPORTATION & DEVELOPMENT

STATE OF LOUISIANA

Certificate of Attendance

Local Public Agency Construction Engineering and Inspection (CE&I) Training

PRESENTED BY

Louisiana Department of Transportation and Development
Louisiana Local Technical Assistance Program
And
The Federal Highway Administration

TO CERTIFY THAT

Benjamin Bartlett

HAS SATISFACTORILY COMPLETED 8 HOURS OF TRAINING

Chad A. Webb
Director of Local Public
Agency Program

July 18, 2013
Date

Metairie, Louisiana
Location

DOTD
LOUISIANA DEPARTMENT OF
TRANSPORTATION & DEVELOPMENT

STATE OF LOUISIANA

Certificate of Attendance

Local Public Agency Qualification Core Training

PRESENTED BY

Louisiana Department of Transportation and Development
Louisiana Local Technical Assistance Program
And
The Federal Highway Administration

TO CERTIFY THAT

Benjamin Bartlett

HAS SATISFACTORILY COMPLETED 8 HOURS OF TRAINING

Chad A. Webb
Director of Local Public
Agency Program

July 17, 2013
Date

Metairie, Louisiana
Location

LOUISIANA STATE CIVIL SERVICE

acknowledges that

Benjamin Bartlett

has successfully completed the training course:

CPTP SCS Cybersecurity WBT
on
May 02, 2022

This document is intended to be used solely for the purpose of
documenting the individual's completion of
SCS's web-based training:
CPTP SCS Cybersecurity WBT

STATECIVILSERVICE

CERTIFICATE OF ATTENDANCE

Ben Bartelett PE, PTOE

has successfully attended the following 1 hour continuing education presentation

Pavement Preservation & Stormwater Management

On 6/27/2018, at Design Engineering, 3330 West Esplanade, Suite 705, Metairie, LA 70002

A presentation by:

CSI **Contractor's Source, Inc.**
Certified DBE WBE SBE HUB
PO BOX 215, Metairie, LA 70002
713.885.1111 • Fax: 713.885.1111

Presenter:
Larry Salzer, CSI

Signature of presenter

Certificate of Completion

presented to

Benjamin Bartlett

for completing the

Traffic Engineering Analysis Process & Report Class
Module 1, 2 & 3

Date: August 11, 2021
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 8.50

Signature of Authorized Instructor

DOTD
LOUISIANA DEPARTMENT OF
TRANSPORTATION & DEVELOPMENT

Signature of Authorized Instructor

ATSSA **American Traffic Safety Services Association**

SAFER ROADS. SAFER LIVES.

This is to affirm that

BEN BARTLETT
has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Issue Date 3/28/2022 **Debbie Purcella**
Exp. Date 3/28/2026 Instructor Name
State Issued LA *Debbie Purcella*
Instructor Signature

V0000046657

Verify at Flagger.com

**LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)**

9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Mr. Benjamin Maxwell Bartlett

License/Certificate Type - Number Expiration Date

PE.0038980 09/30/2024

Status: **Active**

Transportation Professional Certification Board, Inc.

certifies that

Benjamin M. Bartlett

has met all of the requirements established by the Certification Board
to use the title of

Professional Traffic Operations Engineer

unless withdrawn by the Certification Board and subject to the provisions for renewal.
Certificate number: 4020 issued in Washington, D.C., U.S.A.
3/29/2016

Signature of Authorized Instructor

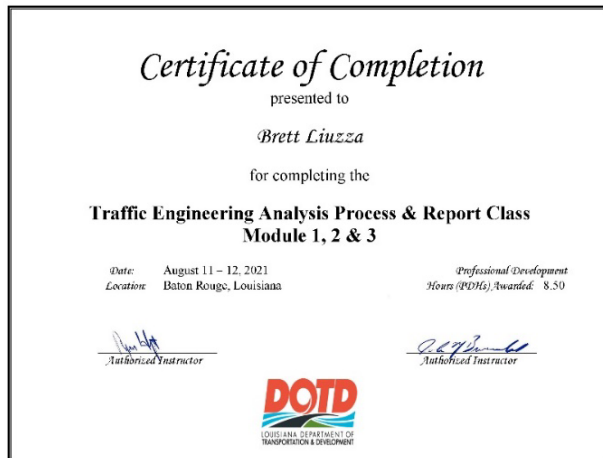
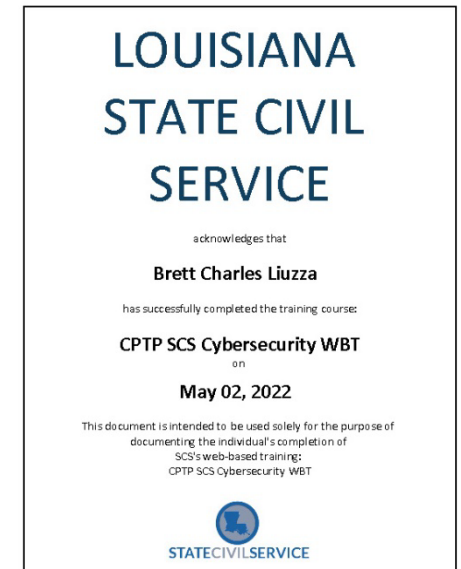
PTOE
PROFESSIONAL
TRAFFIC
OPERATIONS

Signature of Authorized Instructor



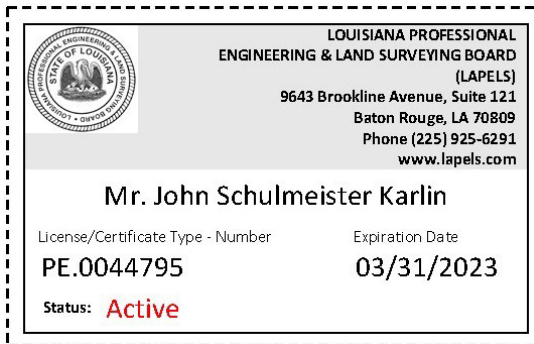


Brett Liuzza, P.E.





John Karlin, P.E., S.E.



Illinois Department of Financial and
Professional Regulation

Lookup Detail View

Contact

Contact Information

Name	City/State/Zip	DBA / AKA
JOHN SCHULMEISTER KARLIN	River Ridge, LA 70123	

License

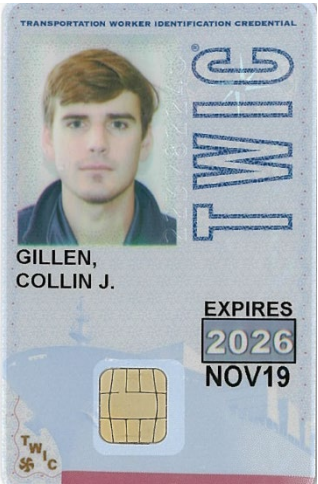
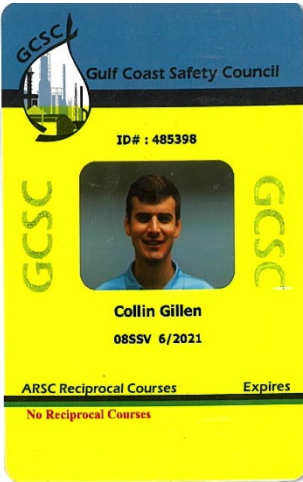
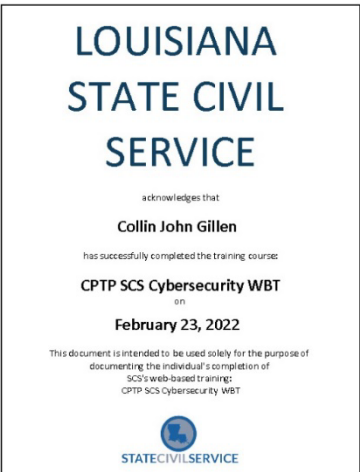
License Information

License Number	Description	Status	First Effective Date	Effective Date	Expiration Date	Ever Disciplined
081008511	LICENSED STRUCTURAL ENGINEER	ACTIVE	08/28/2020	11/23/2022	11/30/2024	N



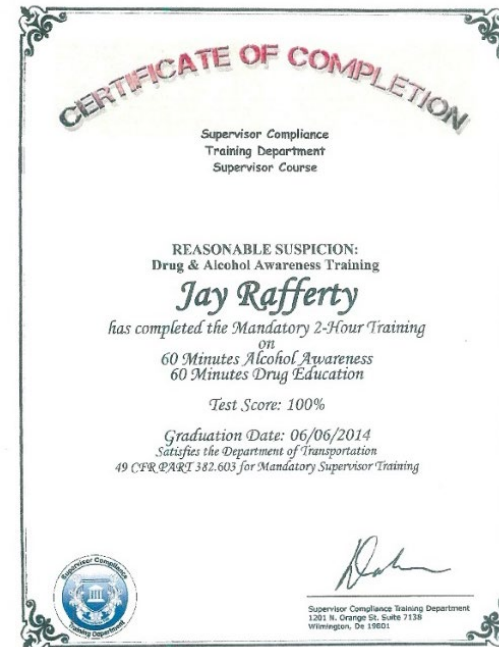
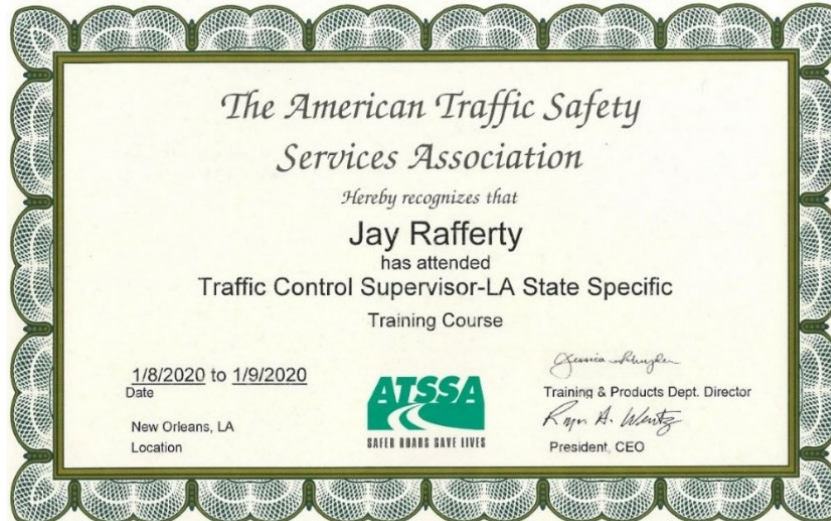
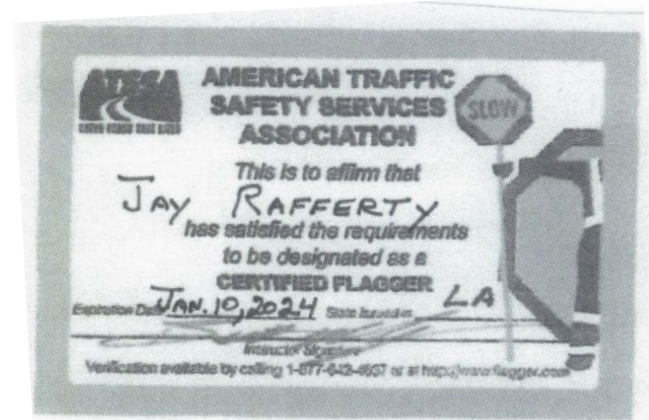
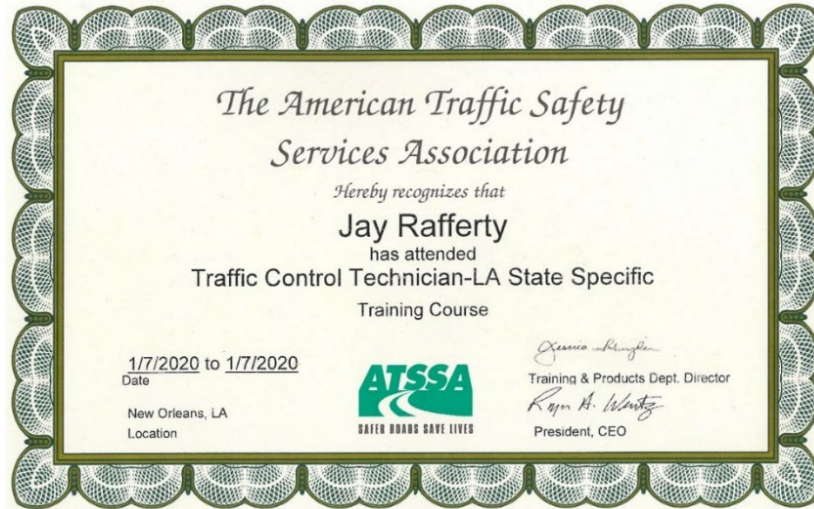


Collin Gillen, E.I.



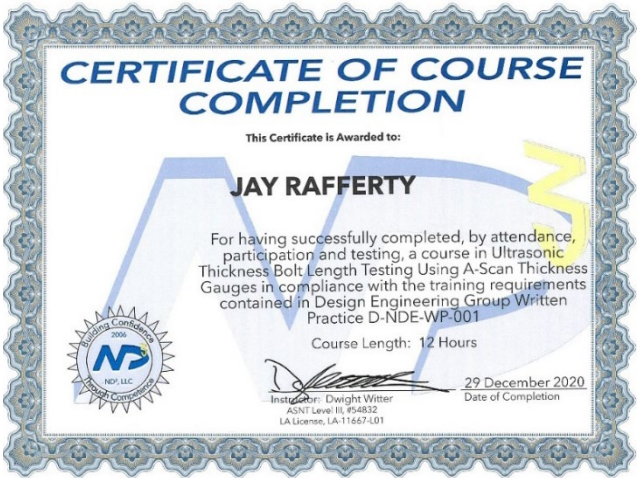
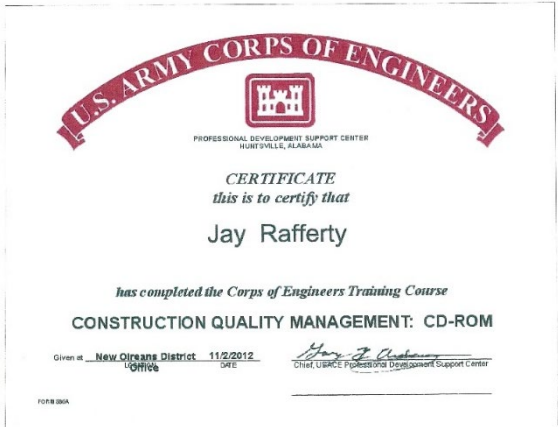


Jay Rafferty



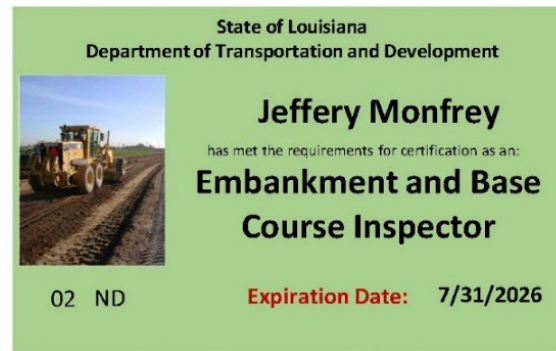
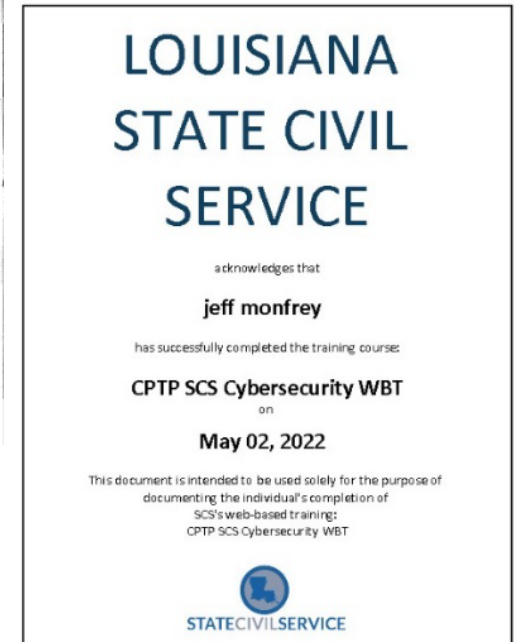


Jay Rafferty (Continued)



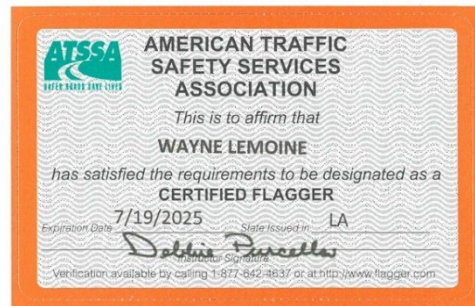
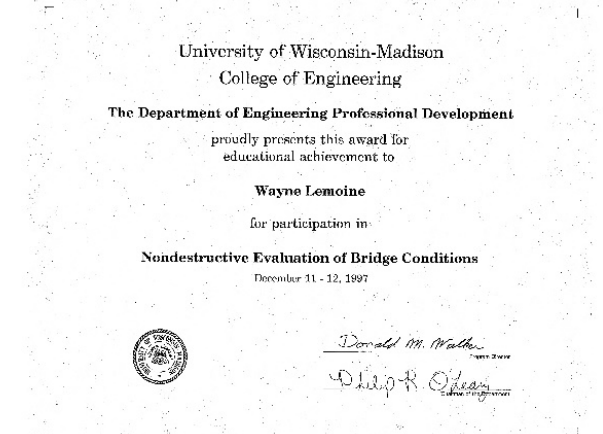
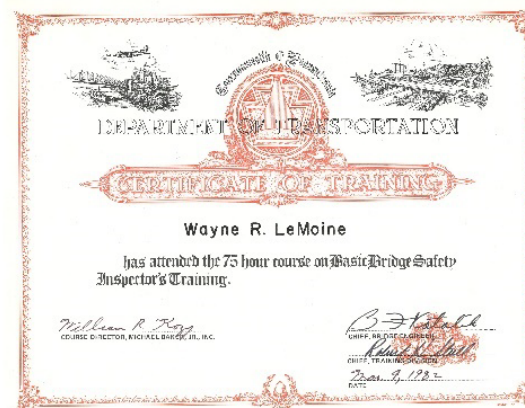
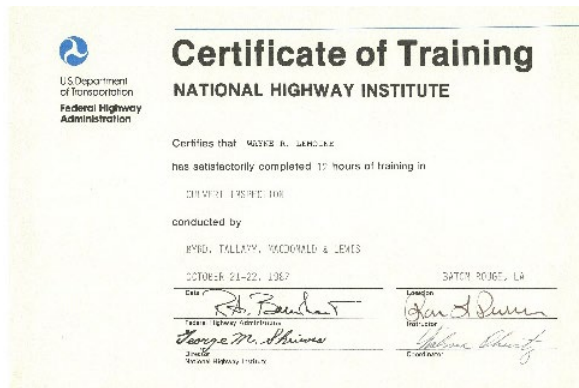
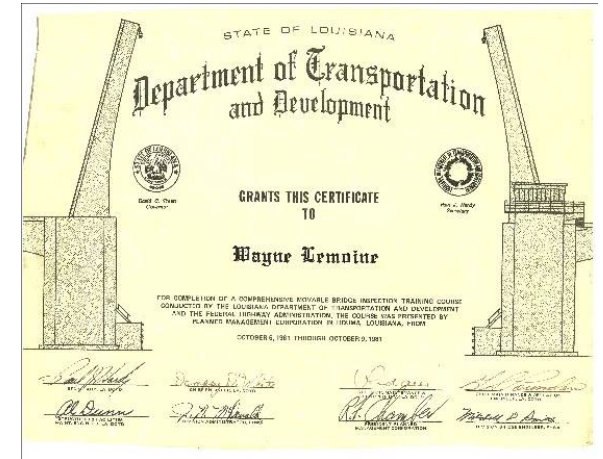


Jeff Monfrey



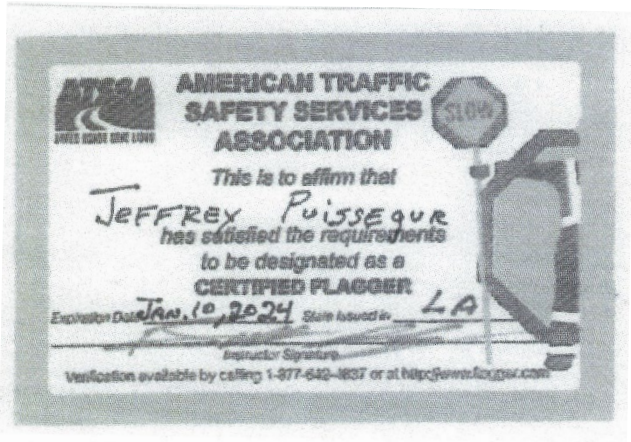
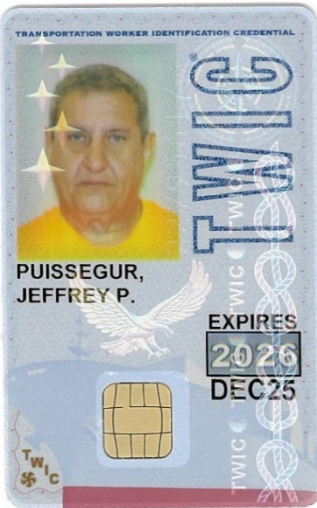
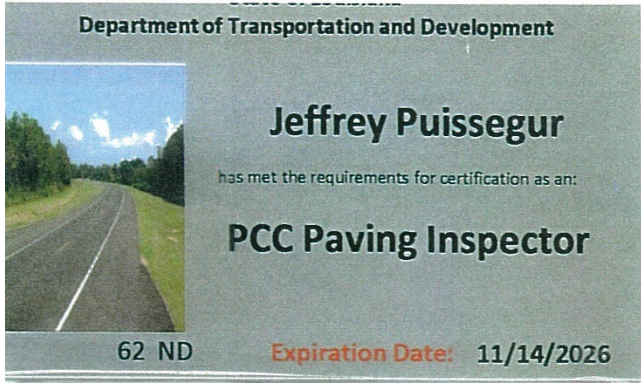


Wayne "Dickie" Lemoine





Jeff Puissegur



Batture, LLC

Professional Engineering Firm – EF 0005566

Professional Land Surveying Firm – VF 0000719

Hudson Initiative Certification

Disadvantaged Business Enterprise Certification

Professional Land Surveyor (LA)

Robert Mora, PE, PLS, ENV-SP – 05042

ATSSA Traffic Control Technician (LA)

Clifford “Kip” Montero (exp. 5/24/2026)

Roderick Richardson (exp. 5/24/2026)

ATSSA Traffic Control Supervisor (LA)

Clifford “Kip” Montero (exp. 5/25/2026)


Roderick Richardson (exp. 5/25/2026)

21. QA/QC Plan:

If the advertisement requires submission of a QA/QC plan, include it here. **Otherwise, leave this section blank. If a QA/QC plan is included in this section and was not required by the advertisement, it will be redacted.**

21. Sub-consultant information:

If one or more sub-consultants will be used, provide the name, address, point of contact and phone number for each. Otherwise, leave this section blank.

Firm Name (Name must match as registered with Louisiana's Secretary of State)	Address	Point of Contact and email address	Phone Number
 Batture, LLC.	5110 Freret Street New Orleans, LA 70115	Robert Mora, PLS, PE bmora@batture-eng.com	(504) 261-7143

23. Location:

If location is an evaluation criterion for this advertisement and the prime consultant intends to establish a local presence, describe the plan for doing so. **Otherwise, leave this section blank. Any information included in this section will be redacted if not required by the advertisement.**



LOUISIANA UNIFIED CERTIFICATION PROGRAM

Disadvantaged Business Enterprise Program (DBE)

Small Business Element (SBE)

This is to certify that under Title 49, Part 26 of the Code of Federal Regulations
& under the State of Louisiana United Certification Program (LAUCP)

Batture, LLC.

Is a Certified Disadvantaged Business Enterprise (DBE) & Small Business Element (SBE) in the following specialties:

NC541330

NOTE: There may be other approved NAICS Codes. The online DBE Directory includes a complete list of approved codes.

Certificate Eligibility: January 2022 to January 2023

This certificate is valid through the above date provided. This firm meets the on-going programmatic standard and fulfills the annual update requirement to remain in good standing as a DBE. This certification is subject to annual verification and suspension or revocation based upon reasonable cause to believe that the firm is ineligible.

Rhonda Wallace

Rhonda Wallace, DBE/SBE Programs Manager

Louisiana Department of Transportation & Development



24 January 2023

Project Owner

State of Louisiana
Department of Transportation and Development
1201 Capitol Access Road
Baton Rouge, Louisiana 70802

Submitting Respondent

Design Engineering, Inc.
Attention: Ms. Madalyn Williams
Email: mwilliams@dei-engr.com

Entity Contract for Consulting Services
Contract No. 4400026029
State Project No. H.014315.6
F.A.P. No. H014315
Grafton Drive Pavement Rehabilitation (CE&I)
St. Tammany Parish

To the Consultant Selection Committee:

This letter is to state that, should Design Engineering, Inc. be selected for the subject contracts, they will have access to **Eustis Engineering L.L.C.**'s qualified independent testing laboratories if needed. Details of our laboratory services, staffing capabilities, and accreditations are provided below. Inspection services are not included.

CONTACT FOR THIS SUBMITTAL

Name: Gwendolyn P. Sanders, P.E.
Title: President
Address: 3011 28th Street, Metairie, Louisiana 70002
Telephone: 1-504-834-0157
Email: gsanders@eustiseng.com

LABORATORY SERVICES

Eustis Engineering's laboratories are constantly evolving with the purchase of new equipment on a yearly basis. Our gINT® data management software from Bentley allows for maximum efficiency in production of boring logs and data entry.

Eustis Engineering has also acquired OpenGround®, Bentley's Cloud platform, which interfaces with a collection of geotechnical applications. OpenGround provides a comprehensive solution for collecting, reporting, managing, visualizing, analyzing, and accessing data. Its advanced digital workflows combine both subsurface and surface data into one cohesive design. This software provides Eustis Engineering's team members access to a data source via connected applications or a web portal, increasing collaboration and efficiency. The improved access and reliability will save time and money in the planning, design, analysis, construction, and operation of infrastructure projects.

Eustis Engineering has also acquired KeyLAB® from Bentley. KeyLAB is the leading laboratory management system built specifically for geotechnical and construction materials testing laboratories. It improves our laboratory efficiency at every stage of the geotechnical and construction testing process, including sample and storeroom management, as well as electronic scheduling, testing, and reporting. It integrates with Microsoft Excel® allowing for the efficient development of customized worksheets and reports.

Technical testing common to our laboratories includes ASTM, ACI, LaDOTD, AASHTO, FAA, and USACE. Our laboratories hold accreditations from AASHTO, LaDOTD, and the USACE.

Laboratory Staffing

Eustis Engineering currently has qualified technicians to sample construction materials and perform soil mechanics laboratory testing. These technicians are versed in the latest standards from ASTM, LaDOTD, MDOT, AASHTO, FAA, and the USACE. Many of our technicians have earned certifications with the National Institute for Certification in Engineering Technologies (NICET) in the area of geotechnical engineering technology and in the subfields of construction, exploration, generalist, and laboratory.

Laboratory Quality Control

In our effort to ensure the quality of our laboratory and materials testing, our programs are regularly inspected by outside agencies such as the U.S. Army Corps of Engineers, the AMRL Group of the American Association of State Highway and Transportation Officials, and the CCRL Group of AASHTO.

Eustis Engineering has three soil mechanics laboratories where our laboratory practices and quality management system meet the requirements of AASHTO R 18 and ASTM E329. These offices are located in Metairie, Baton Rouge, and Gulfport. Individual offices may comply with ASTM quality system specifications including ASTM C1077, ASTM D366, and ASTM D3740. Accreditations in the various areas are shown below.

Metairie	Baton Rouge	Gulfport
Aggregate	Aggregate	Aggregate
Asphalt	Soil	Asphalt
Concrete	Concrete	Concrete
Masonry	Masonry	Soil
Soil	Spray Fire-Resistive Material	Spray Fire-Resistive Material

To further show quality is paramount to Eustis Engineering, we have two individuals in charge of maintaining quality in our testing. Travis R. Richards, P.E., is the engineer-in-charge. Timmy Holleman, dedicated Quality Control Manager, oversees the calibration of our equipment and maintenance of our quality system. The biggest reward of our quality system is knowing our clients are confident our testing laboratories produce the highest quality results and conform to state and national standards.

LaDOTD Contract No. 4400026029
24 January 2023

Conclusion

By signing below, Eustis Engineering L.L.C. confirms their willingness to provide laboratory services to Design Engineering, Inc. as needed to ensure their effective and timely completion of all services associated with these projects.

Thank you for your consideration. We look forward to working with you.

Yours very truly,

EUSTIS ENGINEERING L.L.C.

A handwritten signature in blue ink, appearing to read "Gwen P. Sanders", is written over a light blue rectangular background.

GWENDOLYN P. SANDERS, P.E.

GPS:smc