



STATEMENT OF QUALIFICATIONS

Contract No. 4400030053

**IDIQ Contract for Construction Engineering
And Inspection Services (CE&I)**

Statewide with Majority of Work in District 03



Submitted To:

Department of Transportation & Development
1201 Capitol Access Road, Room 405-E
Baton Rouge, LA 70802

Via email: DOTDConsultantAds80@la.gov

Submitted By:

ECM Consultants, Inc.

8048 One Calais Ave., Suite F
Baton Rouge, Louisiana 70809

Telephone: 225-615-7885 • Fax: 225-615-8548

ujjal@ecmconsultants.com

In Association with:

Huval & Associates, Inc.

Gresham Smith

GOTECH, Inc.

APS Engineering and Testing, LLC

August 8, 2024

ECM Consultants, Inc.

Engineers • Architects • Construction Managers

Email: mail@ecmconsultants.com

Web: www.ecmconsultants.com

1301 Clearview Parkway, Suite 200
Metairie, LA 70001
Phone (504) 885-4080

8048 One Calais Avenue, Suite F
Baton Rouge, LA 70809
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400 E. Kaliste Saloom Road Suite 4100
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Phone (504) 885-4080

Mr. Michael "Mike" Gorbaty
Consultant Contract Services Administrator
DOTDConsultantAds80@la.gov
Department of Transportation and Development
1201 Capital Access Road, Room 405-E
Baton Rouge, LA 70802

August 8, 2024

Re: CONTRACT NO. 4400030053
IDIQ CONTRACT FOR CONSTRUCTION ENGINEERING AND
INSPECTION SERVICES STATEWIDE WITH MAJORITY WORK IN
DISTRICT 03

Dear Mr. Gorbaty,

We are pleased to present ECM Consultants, Inc.'s Statement of Qualifications in response to the Request for Qualifications for the contract referenced above. Our qualifications are outlined in the most current version of the DOTD Form 24-102, dated January 1, 2023, which we have provided to you electronically in PDF format.

ECM Consultants, Inc. is a Louisiana-based consulting engineering firm with vast experience in providing Construction Engineering & Inspection (CE&I) services for a variety of roadway and bridge construction projects. Our portfolio includes Design-Bid-Build (DBB) projects involving new roadway construction, roadway reconstructions, and the construction of fixed and movable bridges.

Our expertise extends to Design-Build (D-B) Contract Engineering and Administration, as demonstrated by our successful completion of projects such as the I-10 widening in Baton Rouge and the I-220/I-20 Interchange project in Bossier Parish, both under LADOTD.

Furthermore, we have experience in providing CQCM services for P3 projects, such as the Belle Chasse Tunnel Replacement project with a mid-high fixed bridge. We have also served as an extension of staff for agencies like the United States Army Corps of Engineers (USACE), contributing to large-scale civil construction projects post-hurricane Katrina.

Our team of highly qualified professionals, including our partners Huval & Associates, Inc., Gresham Smith, APS Engineering and Testing, LLC, and GOTECH, Inc., is dedicated to providing exceptional services that meet the satisfaction of DOTD. We are confident that our past experience and expertise make us an ideal choice for this contract.

Thank you for considering our qualifications. We look forward to the opportunity to work with you and provide exceptional services to support LADOTD. Should you have any questions or need additional information, please do not hesitate to contact us.

Respectfully,



Ujjal Dasgupta, P.E.
President

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	IDIQ CONTRACT FOR CONSTRUCTION ENGINEERING AND INSPECTION SERVICES STATEWIDE WITH MAJORITY OF WORK IN DISTRICT 03
2. Contract Number(s) as shown in the advertisement	4400030053
3. State Project Number(s), if shown in the advertisement	NA
4. Prime consultant name (name must match as registered with the Louisiana Secretary of State where such registration is required by law)	ECM Consultants, 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.0002003 UEI # CKRMJU7MD296, DUNS: 957392723
6. Prime consultant mailing address	1301 Clearview Parkway, Suite 200 Metairie, LA 70001
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	8048 One Calais Avenue, Suite F Baton Rouge, LA 70809
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Kazem Alikhani, P.E. CEO O: (504) 885-4080, C: (504) 352-8531 kazem@ecmconsultants.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Ujjal DasGupta, P.E. President O: (504) 885-4080, C: (504) 231-7605 ujjal@ecmconsultants.com

Prime consultant name: **ECM Consultants, Inc.**

<p>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.</p>	<p>Signature (shall be the same person as #9):</p>  <hr/> <p>Date: August 7, 2024</p>	
<p>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.</p>	<p><u>Firm(s):</u> NA</p>	<p><u>Firm(s)' %:</u></p>

Prime consultant name: **ECM Consultants, Inc.**

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).

Evaluation Discipline(s)	% of Overall Contract	Prime ECM	Firm B HUVAL	Firm C Gresham Smith	Firm D APS	Firm E GOTECH	Each Discipline must total to 100%
CE&I/OV	75%	100%					100%
Survey	5%					100%	100%
CPM	2%		100%				100%
ITS	3%			100%			100%
Bridge	10%		100%				100%
Other (Field and Material Testing)	5%				100%		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%	75.0%	12.0%	3.0%	5.0%	5.0%	-----

Prime consultant name: **ECM Consultants, Inc.**

13. Firm Size:

For all firms that are part of this team, indicate the approximate number of personnel to be committed to this contract, by DOTD Job Classification and the total number of personnel within the firm that could provide support, if needed. If a specialized job classification is required and not included on the DOTD job classification list, specify “Other (please specify)” and include the classification title inside the parentheses.

The DOTD Job Classification(s) to be used can be found at the following

link:http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/Job_Qualification/Job%20Classifications%20with%20Descriptions.pdf

Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
ECM Consultants, Inc.	Principal	1	2
ECM Consultants, Inc.	Supervisor Engineer	3	8
ECM Consultants, Inc.	Supervisor Other	1	2
ECM Consultants, Inc.	Engineer	5	10
ECM Consultants, Inc.	Project Office Manager	1	2
ECM Consultants, Inc.	Inspector - Lead	3	9
ECM Consultants, Inc.	Inspector - Certified	6	12
ECM Consultants, Inc.	Inspector- Bridge	1	2
ECM Consultants, Inc.	Inspector	4	16
ECM Consultants, Inc.	Clerical	1	2
Huval & Associates, Inc	Engineer	2	16
Huval & Associates, Inc	Technician	1	2
Gresham Smith	Engineer	2	8
Gresham Smith	Senior Technician	1	6
GOTECH, Inc.	Surveyor	1	3
A P S Engineering and Testing, LLC	Supervisor Engineer	1	2
A P S Engineering and Testing, LLC	Technician	1	12

Prime consultant name: **ECM Consultants, Inc.**

14. Organizational Chart:

Provide an organizational chart showing ALL **relevant** prime consultant and sub-consultant (if applicable) personnel assigned to the contract, area of project responsibility for each, and reporting lines for the purposes of this contract. An individual's role does not necessarily have to match their DOTD job classification identified in Section 13.

If applicable, identify all personnel performing traffic engineering analysis and/or QC of traffic engineering analysis by placing an asterisk next to their name. Include the certificates required by the Traffic Engineering Process and Report Training Requirements article of the Advertisement in Section 20.

It is acceptable to use an 11x17 format for Section 14.

CONTRACT NO. 4400030053

IDIQ Contract for Construction Engineering and inspection Services and Staff Augmentation (CE&I), District 03

Legend for Certifications

- ◆ Structural Concrete
- Embankment and Base Couse
- ▼ Portland Cement Concrete (PCC) Paving
- ▲ Asphalt Concrete Paving
- ◀ Asphaltic Concrete Plant
- ★ NACE certified Coating Inspector
- ▲ Bridge Inspector
- ◆ Design- Build Experience
- Work Zone Traffic Control Flagger/Tech/Supervisor

Notes:

- All personnel listed are ECM employees unless otherwise noted.
- 1,2,3,4 etc. means MPR numbers



DOTD Project Engineer

ECM Consultants, Inc.
(Prime)

Principal

1,2,3 Ujjal Dasgupta, P.E. ◆ ■

Contract Manager/ POC

1,3 Kazem Alikhani, P.E. ◆ ■

Project Manager

2, 3 Chad Vosburg, P.E. ◆ ■

Office Manager
Chris Capretto, PE

Project Team and their Roles:

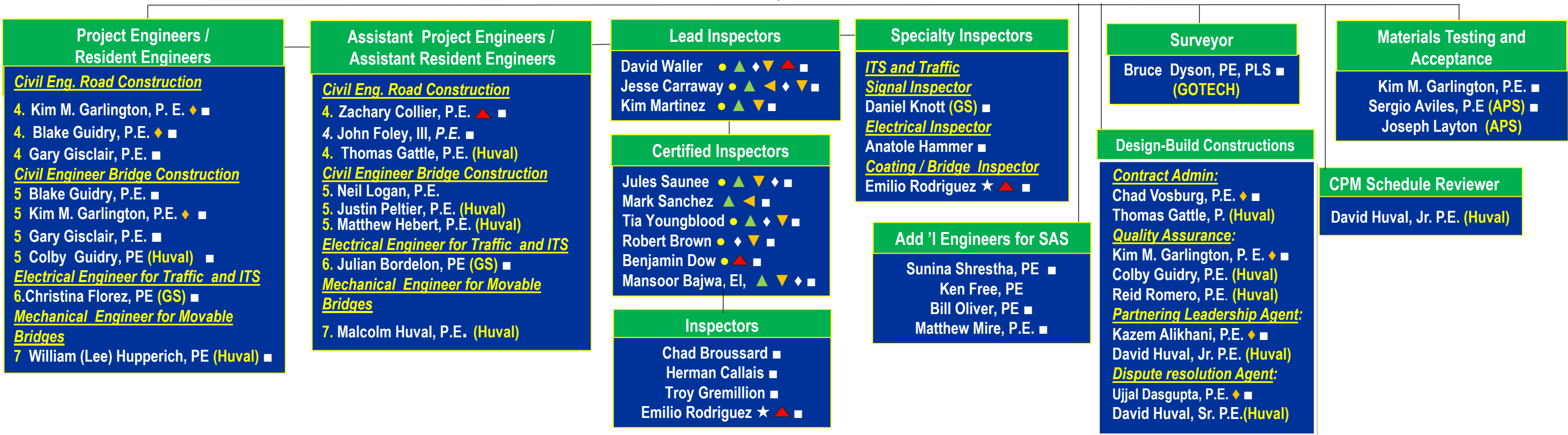
ECM: Contract Management, Project Management, Coordination, Communications, Construction Contract Administration, CE&I and SAS

Huval: Movable and Fixed Bridges inspection, CPM

Gresham Smith (GS): Signals and ITS

GOTECH : Verification Survey

APS : Field Testing & Material Testing



Prime consultant name: **ECM Consultants, Inc.**

15. Minimum Personnel Requirements:

Use the table below to identify both prime consultant and sub-consultant staff designated to work on this contract meeting the Minimum Personnel Requirements (MPRs) specified in the advertisement. Ensure the résumé reflects the required experience stated in the MPR. Make sure the P.E. discipline is also listed (highlighted in table) that is meeting the MPR; e.g. professional civil engineer should show the discipline of the license as civil if meeting that MPR.

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	Ujjal DasGupta, P.E. (54 years' experience)	ECM Consultants, Inc. (Prime)	Civil Engineer Professional Engineer (P.E.) PE.0019849	LA	PE.0019849 Exp. 09/30/2025
	Kazem Alikhani, P.E. (41 years' experience)	ECM Consultants, Inc. (Prime)	Mechanical Engineer, Environmental Engineer, Professional Engineer (P.E.) PE.0025073	LA	PE.0025073 Exp. 03/31/2026
2	Ujjal DasGupta, P.E. (54 years' experience)	ECM Consultants, Inc. (Prime)	Civil Engineer Professional Engineer (P.E.) PE.0019849	LA	PE.0019849 Exp. 09/30/2025
	Chad Vosburg, P.E. (31 years' experience)	ECM Consultants, Inc. (Prime)	Civil Engineer Professional Engineer (P.E.) PE.0027677	LA	PE.0027677 Exp. 09/30/2024
3	Ujjal DasGupta, P.E. (54 years' experience)	ECM Consultants, Inc. (Prime)	Civil Engineer Professional Engineer (P.E.) PE.0019849	LA	PE.0019849 Exp. 09/30/2025
	Kazem Alikhani, P.E. (41 years' experience)	ECM Consultants, Inc. (Prime)	Mechanical Engineer, Environmental Engineer, Professional Engineer (P.E.) PE.0025073	LA	PE.0025073 Exp. 03/31/2026
	Chad Vosburg, P.E. (31 years' experience)	ECM Consultants, Inc. (Prime)	Civil Engineer Professional Engineer (P.E.) PE.0027677	LA	PE.0027677 Exp. 09/30/2024
4	Kim Garlington, P.E. (38 years' experience)	ECM Consultants, Inc. (Prime)	Civil Engineer Professional Engineer (P.E.) PE.0023848	LA	PE.0023848 Exp. 09/30/2024

Prime consultant name: **ECM Consultants, Inc.**

4 (cont'd)	Blake Guidry, P.E. (13 years' experience)	ECM Consultants, Inc. (Prime)	Civil Engineer Professional Engineer (P.E.) PE.0041362	LA	PE.0023848 Exp. 09/30/2025
	Gary Gisclair, P.E. (40 years' experience)	ECM Consultants, Inc. (Prime)	Civil Engineer Professional Engineer (P.E.) PE.0022813	LA	PE.0022813 Exp. 03/31/2026
5	Blake Guidry, P.E. (13 years' experience)	ECM Consultants, Inc. (Prime)	Civil Engineer Professional Engineer (P.E.) PE.0041362	LA	PE.0023848 Exp. 09/30/2025
	Kim Garlington, P.E. (38 years' experience)	ECM Consultants, Inc. (Prime)	Civil Engineer Professional Engineer (P.E.) PE.0023848	LA	PE.0023848 Exp. 09/30/2024
	Gary Gisclair, P.E. (40 years' experience)	ECM Consultants, Inc. (Prime)	Civil Engineer Professional Engineer (P.E.) PE.0022813	LA	PE.0022813 Exp. 03/31/2026
	Colby Guidry, P.E. (24 years' experience)	HUVAL & Associates, Inc. (Sub)	Civil Engineer Professional Engineer (P.E.) PE.0031338	LA	PE.0031338 Exp. 09/30/24
6	Christina Florez, P.E. (23 years' experience)	Gresham Smith (Subconsultant)	Electrical and Computer Engineer Professional Engineer (P.E.) PE. 0038799	LA	PE. 0038799 Exp. 09/30/2024
7	William (Lee) Hupperich, PE (25 years' experience)	Huval & Associates (Subconsultant)	Mechanical Engineer Professional Engineer (P.E.) PE.0030451	LA	PE. 0030451 Exp. 03/31/2025

Prime consultant name: **ECM Consultants, Inc.**

16. Staff Experience:

Résumés shall be provided for all prime and sub-consultant personnel listed in Sections 14 and/or 15 of the proposal. Résumés of personnel not identified in Section 14 or Section 15 of the proposal should not be included and will not be evaluated. Résumés should be limited to 2 pages per person. Any certificates required by the advertisement are to be placed in Section 20.

Firm employed by ECM Consultants, Inc.			
Name	Ujjal DasGupta, P.E.		Years of relevant experience with this employer
Title	President		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		B.S. / 1968 / Civil Engineering; ATSSA Work Zone Traffic Control Flagger, Technician & Supervisor; LPA Core Training Module	
Active registration number / state / expiration date		19849 / LA / 9-2025	
Year registered	1982	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Mr. DasGupta will serve as Principal-in-charge for this project. Mr. DasGupta meets the minimum requirement of one registered professional engineer in Louisiana per MPR Nos.1, 2 and 3.	
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).		
54 Years of experience	Mr. DasGupta has over 54 years of experience in, construction management, project management, construction engineering & inspection (CE&I) services as well as civil and structural engineering design for a wide variety of roadway, bridges, drainage, and utilities projects.		
08/17-09/20	S.P. No. 009250, I-10: Highland to LA 73 Design-Build Project, LADOTD, East Baton Rouge/Ascension Parish, LA: Mr. DasGupta served as Principal- in- Charge and POC for the Design-Builder for Construction Quality Acceptance Management (CQAM) services for this \$72 million design-build project. Project involved on-grade PCC paving for widening of I-10 from four to six lanes in both east and westbound directions, add deceleration and acceleration lanes at the Highland Road and LA 73 interchanges, and two new bridges and several bridge modifications including replacing I-10 bridge over Highland Road, widening and rehabilitating I-10 bridge over Bayou Manchac, increasing the vertical clearance and rehabilitating LA 928 over I-10, and replacing I-10 over LA 73 and roadway lighting replacement. He was responsible for overall management and overseeing and ensuring that all contractual requirements are met. He served as the POC between ECM and the Design-Builder		
06/09-10/16	Bayou Lafourche Movable Bridge at Larose, LADOTD, Lafourche Parish, LA: Dasgupta served as Principal and Contract Manager for construction engineering and inspection services (CE&I) for this \$32 million vertical lift bridge. This new bridge replaced the former LA 310 bridge at LA 657 extensions to LA 308. This is the largest span lift bridge in the state of Louisiana. The scope of work included marine pile driving, concrete piers, concrete towers, installation of structural steel members for the movable bridge, sheaves, cables, barriers, guard rails, field painting, and concrete approaches. This project is the 3rd largest ARAA funded transportation project in the State. His responsibilities included overall management and to ensure that all contractual requirements are met.		
01/11-05/13	Napoleon Avenue Rehabilitation (S. Claiborne Ave. to Carondelet St.), USACE-New Orleans District, LA: Mr. DasGupta served as ECM's Principal for this \$55 million, SELA-funded project for the roadway reconstruction/rehabilitation in connection with construction of a major cast-in - place concrete box culvert in the roadway median. The scope of work for ECM included construction quality assurance inspection services for the construction of the drainage box culvert and reconstruction of the existing roadway with asphaltic concrete roadway, including class II aggregate base, concrete curbs, sidewalks, ADA ramps, driveways, including water and sewer system relocations; roadway drainage system upgrades and tie-in to the new box culvert, pavement markings and striping; street lighting, and median landscaping		

Prime consultant name: **ECM Consultants, Inc.**

11/16- 07/19	S.P. No. H.007259: Fleur De Lis Drive Reconstruction (30th-Old Hammond Hwy), LADOTD; Orleans Parish, LA: Mr. Dasgupta served as Principal for this \$12 million PCCP roadway project providing construction administration and CE&I services for reconstruction of Fleur de Lis drive, a main artery in a residential corridor. The project scope includes roadway removal, excavation, grading, class II base course, Superpave asphaltic concrete pavement, Portland cement concrete pavement, as well as ADA accessible sidewalks, curb and gutter, driveways and removal/replacement of sewer force mains, water mains, drain lines and drainage structures. Mr. Alikhani oversaw, managed the project, supervised construction engineer and the inspectors and ensuring proper oversight of contractors' operations, maintaining documentation, preparing field changes and recording change orders, coordinating testing/sampling, conducting meetings, and communicating with City and LADOTD coordinators
01/05-12/08	S.P. No. 742-26-0030: Lapalco Boulevard (US 90 to Segnette), Jefferson Parish/LADOTD; Jefferson Parish LA: Mr. DasGupta served as project manager for this \$11 million project involving construction contract administration, CE&I services. Work included rehabilitation of an existing two-lane asphalt roadway that involved cold planing, widening, class II base course, Superpave asphaltic concrete and new construction of two additional lanes, including widening of an existing bridge, construction of a new cast-in-place prestressed concrete girder bridge, and construction of several box culverts. New roadway included embankment, class II base course, asphaltic base and wearing courses, striping and traffic signals. He was responsible for overall supervision of the project
10/09-02/12	S.P. No. 700-99-0474, TOs 1, 2 and 3, ITS Design-Build CE&I, Baton Rouge to New Orleans, Jefferson, St. Charles, St. John the Baptist and Terrebonne Parishes LA: Mr. DasGupta served as Principal for this Design- Build CE&I project as sub-consultant to Gannett Fleming, for the implementation of ITS throughout Jefferson, St. Charles, and St. John the Baptist Parishes for LADOTD. The tasks for Task Orders 1, 2 and 3 included the installation of 12 CCTV cameras, 5 DMSs, microwave vehicle detections devices, electrical system, 60 miles of fiber optic cable involving trenching, boring, concrete foundations, pavement restorations and other structural components and traffic signal system upgrades involving installation of 30 signalized intersection at U.S. 61.
07/20-11/22	Severn Ave: Veterans to W. Esplanade, Jefferson Parish, LA: Mr. Dasgupta is currently serving as the Principal for this \$14.8 million complete street construction project. This project includes PCC paving , major drainage improvements, ADA facilities, the addition of dedicated bike lanes, addition of turn lanes, traffic and pedestrian signals, street lighting and landscaping etc. Avenue. ECM is providing CE&I services that includes project coordination, managing inspection services, data entry in SiteManager, manage RFIs and submittals, review monthly pay estimates, and keep concise record of all documents in chronological order so that project closeout documentation will be completed timely for final acceptance.
08/19-10/21	I-220/I-20 Interchange IMP & BAFB Access Road- Design-Build, LADOTD, Bossier Parish, LA. Mr. Dasgupta served as Principal for this \$77.8 million design-build project to construct a new I-220 extension South of I-20 that will provide access to Barksdale Air Force Base, adding access ramps and enhancing capacity at the I-20/220 interchange, and also includes bridge construction over the existing KCS railway and Musselshell bayou. This work includes 4 separate bridges to be constructed, including a NB and SB I-220 overpass over I-20, and a NB and SB overpass over the KCS railway crossing. This work includes pile driving, drilled shafts, installing prestressed concrete girders, steel girders, on grade roadway including earthwork, subbase and base, drainage, utilities relocation, PCC pavement, Asphaltic Concrete pavement, concrete barrier railing, roadway lighting and striping. He is responsible for overall management of the contract and monitoring performance of the ECM's quality control team of engineers and LADOTD certified inspectors to ensure compliance with the project's plans and specifications
02/11-08/13	S.P. No. H.003203.6, (CE&I), I-10 Calcasieu River Bridge Repairs, LADOTD, Calcasieu Parish, LA: Mr. Dasgupta served as Principal and Contract Manager for providing CE&I services for this \$7.8 million major repair work at I-10 Calcasieu River Bridge, involving main truss connection repairs, saddle bearing repairs, cleaning and removal of lead based paint (LBP), painting of truss connections, pin plate connection repairs, anchor bolt repairs, trestle bent connection repairs, deck joint repairs, bridge handrail repairs, and roadway pavement joint repairs. He was responsible for overseeing overall performance on the contract.

16. Staff Experience:

Firm employed by ECM Consultants, Inc.				
Name	Kazem Alikhani, P.E.		Years of relevant experience with this employer	8
Title	Chief Executive Officer / Project Manager		Years of relevant experience with other employer(s)	35
Degree(s) / Years / Specialization			M.S./1984/Engineering Concentration in Civil, Hydraulic & Hydrology B.S./1980/Mechanical Engineering. ATSSA Work Zone Traffic Control Flagger, Technician & Supervisor'	
Active registration number / state / expiration date			25073/Louisiana/Exp. 03/31/2026	
Year registered	1992	Discipline	Mechanical & Environmental Engineering	
Contract role(s) / brief description of responsibilities			Mr. Alikhani will serve as Contract Manager / POC for this contract. Mr. Alikhani meets the minimum requirement of one registered professional engineer in Louisiana per MPR No. 1 & 3.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
43 years of experience	As CEO of ECM, Mr. Alikhani serves as Project Manager for a variety of infrastructure projects, overseeing staff, budgets, timeline and working with owners, consulting firms and subconsultants to ensure timely and accurate project delivery. He spent the majority of his career working with the Jefferson Parish Department of Public Works. Mr. Alikhani has over 44 years of experience in public works projects including planning, design, and construction management. He spent a majority of his career working with the Jefferson Parish Department of Public Works and retired as the Director of Public Works, responsible for all public works functions			
02/22 – On going	LA 1: Leeville to Golden Meadow (Phase 2) Leeville and Golden Meadow, LA: Mr. Alikhani serves as Project Principal for construction administration and CE&I services for the project. This project involves an 8.63 Mile long Fixed Concrete & Steel Structure elevated highway over the marshlands between the town of Leeville, LA and Golden Meadow, LA. The project is being constructed by “Top-Down” method of construction where a moveable temporary steel support bridge is built and occupied by the Contractor’s construction equipment, while the permanent concrete bridge is built below. The temporary steel support bridge is approximately 2,000 feet in length and will advance forward as the concrete bridge is built below. Construction for this elevated highway involves building the temporary steel support bridge to support all construction of equipment; permanent concrete pile driving; installation of precast concrete pile caps; installation precast concrete girders; pouring of concrete decks, concrete barrier rails and surface roadway both asphaltic concrete and PCC paving. ECM is responsible for construction administration and CE&I services for the project.			
08/17 – 09/20	I-10: Highland to LA 73 Design-Build Project LADOTD East Baton Rouge/Ascension Parish, LA. Mr. Alikhani served as Project Manager for this project and managed overall contract and oversaw ECM’s engineering and inspection team responsible for verifying that the work is performed in compliance with the project’s plans and specifications. This \$72 million design-build project involved widening of I-10 from four to six lanes in both east and westbound directions, add deceleration and acceleration lanes at the Highland Road and LA 73 interchanges and replace/modify six bridges . Construction included pile driving, installing prestressed concrete girders , bridge deck and elevated roadway, on grade roadway including earthwork, subbase and base, drainage, utilities relocation, PCC pavement , concrete barrier railing and roadway lighting.			

Prime consultant name: **ECM Consultants, Inc.**

05/18 -05/20	I-110 Interchange Modifications at Terrace Ave., Baton Rouge, LA, LADOTD: Mr. Alikhani served as Project Manager for construction inspection services for this \$8.80 million , I-110 Terrace Ave Interchange project that will provide connectivity from I-110 southbound to the existing I-10 eastbound at the Washington Street exit. The project consists of an exit ramp that is constructed on the left side of I-110 southbound allowing traffic to exit onto Terrace Ave. Nineteen drill shafts will be utilized. The production shafts consist of 6-24" shafts, 2-36" shafts, 2-48" shafts and 9-96" shafts ranging in length from 55' to 102'. Additionally, this project included a widening of the I-110 southbound roadway span and installation of new signage. He was responsible for supervision of inspectors and managing overall performance of the contract.
08/19-10/21	I-220/I-20 Interchange IMP & BAFB Access Road- Design-Build, LADOTD, Bossier Parish, LA. Mr. Alikhani is serving Project Manager for this \$77.8 million design-build project to construct a new I-220 extension South of I-20 that will provide access to Barksdale Air Force Base, adding access ramps and enhancing capacity at the I-20/220 interchange, and also includes bridge construction over the existing KCS railway and Musselshell bayou. This work includes 4 separate bridges to be constructed, including a NB and SB I-220 overpass over I-20, and a NB and SB overpass over the KCS railway crossing. This work includes pile driving, drilled shafts, installing prestressed concrete girders, steel girders, on grade roadway including earthwork, subbase and base, drainage, utilities relocation, PCC pavement, Asphaltic Concrete pavement, concrete barrier railing, roadway lighting and striping. He is responsible for overall management of the contract and monitoring performance of the ECM's quality control team of engineers and LADOTD certified inspectors to ensure compliance with the project's plans and specifications.
10/17 - Ongoing	Program and Construction Management for 2017 Jefferson Parish Road Bond Program Jefferson Parish DPW Jefferson Parish, LA. Mr. Alikhani is serving as Project Principal providing project oversight for the 2017 Jefferson Parish Road Bond Project on the East bank of Jefferson Parish. This project currently has \$208 million of construction projects as of 2021. The program mostly includes the design and construction of roadways, bridges and utilities relocations integral to the roadway projects. He provides oversight that includes reviewing all PS&E, resolve design and constructions issues including resolution of utility conflicts.
11/16- 07/19	S.P. No. H.007259: Fleur De Lis Drive Reconstruction (30th-Old Hammond Hwy), LADOTD; Orleans Parish, LA: Mr. Alikhani served as Project Manager for this \$12 million PCCP roadway project providing construction administration and CE&I services for reconstruction of Fleur de Lis drive, a main artery in a residential corridor. The project scope includes roadway removal, excavation, grading, class II base course, Superpave asphaltic concrete pavement, Portland cement concrete pavement, as well as ADA accessible sidewalks, curb and gutter, driveways and removal/replacement of sewer force mains, water mains, drain lines and drainage structures. Mr. Alikhani oversaw, managed the project, supervised construction engineer and the inspectors and ensuring proper oversight of contractors' operations, maintaining documentation, preparing field changes and recording change orders, coordinating testing/sampling, conducting meetings, and communicating with City and LADOTD coordinators.
03/14-08/16	Lapalco Boulevard Bridge over Harvey Canal: Mr. Alikhani oversaw this \$5 million major bridge improvement project for repairs and rehabilitation. This bascule bridge has two lanes of traffic in each direction and has a daily average traffic count of 21,000 vehicles. Following a comprehensive inspection, a detailed report was generated that included need for the repairs and determined the scope of work to be performed. Based on the inspection report, plans and specifications were prepared to repair concrete spalls in median barriers, roadway joints, exterior girders, columns, piers and parapet posts, repairs to cracks in the roadway deck, repair of spalls along the roadway deck edge at the curtainwall, replace loose, missing or deteriorated bolts, remove and replace lateral end connections, remove and replace clip angle, repair crack welds, replace steel pipe railing, replace span locking mechanism, adjust rear line load assemblies, bascule span balancing, replace brake shoes and adjust motor and machinery brakes, and adjust trunnion bearing clearance and other related items.

16. Staff Experience:

Firm employed by ECM Consultants, Inc.			
Name	Chad Vosburg, P.E.		Years of relevant experience with this employer
Title	Vice President -Construction		6
Degree(s) / Years / Specialization		Years of relevant experience with other employer(s)	
		25	
Active registration number / state / expiration date		1992/Civil Engineering/ LA PE 27677; ATSSA Work Zone Traffic Control Flagger, Technician, Supervisor, NHI Inspection of In-Service Bridges	
Year registered		27677 / LA / 9-2024	
Discipline		Civil Engineering	
Contract role(s) / brief description of responsibilities		Mr. Vosburg will serve as one of the QA/QC manager for this contract. He meets MPR No. 2 & 3.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
31 years of experience	<i>Mr. Vosburg has more than 31 years of professional engineering experience in project management, civil engineering, construction contract administration, and CE&I services during his 25-year career with LADOTD. His experience includes bridges, highways, elevated highways, on and off ramps and local streets projects. As former District 61 Administrator for LADOTD, he provided leadership and directed all DOTD activities including project scoping, budget estimates, engineering design reviews, coordination and construction administration for District 61 projects.</i>		
10/20 – 10/22	I-10: Highland to LA 73 Design-Build Project, LADOTD, East Baton Rouge/Ascension Parish, LA: Mr. Vosburg provided Construction support services for close out for this \$72 million design-build project to widen I-10 from four to six lanes in both east and westbound directions, add deceleration and acceleration lanes at the Highland Road and LA 73 interchanges, roadway lighting replacement and bridge modifications for replacing I-10 bridge over Highland Road, widening and rehabilitating I-10 bridge over Bayou Manchac, increasing the vertical clearance and rehabilitating LA 928 over I-10, and replacing I-10 over LA 73, which include safety railing and barriers.		
10/19-10/22	Southern University Ravine Project, Baton Rouge, LA - Mr. Vosburg served as Project Engineer for this project which included drainage installation of HDPE piping, and approximately 12,000 cubic yards of embankment to repair eroded areas near the SU Health Services Building and near the Millennium Apartments. Both locations were in immediate need of repair as the erosion threatened buildings and parking areas and were completed under budget and in a prompt manner. This project was completed as Force Account work by Boh Brother’s construction Company, and coordinated in partnership with LADOTD, FEMA and Southern University.		
08/19-10/21	I-220 /I-20 Interchange IMP & BAFB Access Road- Design-Build, LADOTD, Bossier Parish, LA. Mr. Vosburg served as Construction Quality Control Manager for this \$77.8 million design-build project to construct a new I-220 extension South of I-20 that will provide access to Barksdale Air Force Base, adding access ramps and enhancing capacity at the I-20/220 interchange, and also includes bridge construction over the existing KCS railway and Musselshell bayou. This work includes 4 separate bridges including a NB and SB I-220 overpass over I-20, and a NB and SB overpass over the KCS railway crossing. This work includes pile driving , drilled shafts, installing prestressed concrete girders , steel girders, on grade roadway including earthwork, subbase and base, drainage, utilities relocation, PCC pavement , and Asphaltic Concrete pavement.		

Prime consultant name: **ECM Consultants, Inc.**

10/21-Ongoing	Belle Chasse Bridge and Tunnel Replacement, P3, Design-Build Project, Plaquemines Parish, LA Mr. Vosburg is serving as Construction Quality Control Manager for this \$182 million, P3 design-build project to construct a new Mid-Level fixed span bridge that will span the Intracoastal Waterway on Louisiana Highway 23. The new bridge is being constructed to current clearance standards for marine vessels as required by the US Coast Guard. This work includes pile driving, installing steel girders, installing prestressed concrete girders, steel girders, on grade roadway including earthwork, subbase and base, drainage, utilities relocation, PCC pavement, Asphaltic Concrete pavement, concrete barrier railing, roadway lighting, MSE Wall construction. He is responsible to oversee Quality Control team of engineers and LADOTD certified inspectors for sampling and testing to ensure compliance with the project's plans and specifications.
09/17-09/18	Essen Lane Widening, LADOTD, East Baton Rouge Parish, LA: Mr. Vosburg served as DOTD District Administrator for this \$6.7 million construction project involving installation of a cable safety barrier in the median for a 12-mile section, embankment, pavement patching, asphalt overlay, guard railings, emergency crossovers and related work. In addition to being responsible for Construction Engineering and Inspection work, Mr. Vosburg was also involved in Project Development that took place to meet safety initiative goals for LADOTD.
08/00-05/03	S.P. No. H.010680: US 190: LA 415 to LA 983, Continuously Reinforced Concrete Pavement, LADOTD, West Baton Rouge Parish, LA: Mr. Vosburg served as DOTD Project Engineer for this \$17 million construction project involving installation of 11" CRCP pavement. The project included phased work that converted a section of US highway with a center rail to be upgraded to current standards and included widening the existing drainage structure to be able to include a depressed median that conformed to the upgraded roadway section. This project upgraded a 10-mile section of US 190 including embankment, CRCP and asphalt paving, guard railings, turn lanes, crossovers, and related work. In addition to being responsible for Construction Engineering and Inspection work, Mr. Vosburg was also involved in Project Development to meet safety initiative goals for LADOTD.
06/12-06/17	S.P. No. H.000343.6: US 190 Mississippi River Bridge Cleaning, Painting and Repair Phase 1, LADOTD, East & West Baton Rouge Parishes, LA: Mr. Vosburg served as DOTD District Administrator with broad supervision over Construction Engineering and Inspection (CE&I) for this \$74.9 million construction project which involved cleaning, painting, major structural repairs, striping and signage, phased construction, electrical systems repairs, guardrail painting and marking enhancement and waterway and aerial navigational light improvements. Mr. Vosburg's involvement also included project development and working with local elected officials during construction to provide information and notice of on-going project operations throughout the duration of the project.
05/13-08/16	S.P. No. H.001940: Sunshine Bridge Rehabilitation Phase 2, LADOTD, Ascension Parish, LA: Mr. Vosburg served as District Administrator for this \$25.1 million project for rehabilitation of this major Mississippi River bridge crossing, with maintenance and preservation such as concrete barrier rail, guardrail, expansion joint rehabilitation, and painting the entire superstructure. Mr. Vosburg's involvement also included public outreach and working with industrial plants in the area to plan project work to be completed with the least inconvenience and traffic delays to motorists in the area.
09/11—07/12	S.P. No. H.011224: US 190: Roadway Repair and Replacement, LADOTD, Pointe Coupee Parish, LA: Mr. Vosburg served as DOTD District Administrator for this \$14 million construction project involving replacement of double sided thrie-beam rail throughout a 14-mile section. Repair work included removal of the existing guardrail, installation of new guardrail that met current safety standards, asphaltic pavement overlay, approach guardrail installation at bridge ends at all overpasses and at the Morganza Floodway Bridge. The project also included installation of J-turns inside the city limits of Livonia, LA. Mr. Vosburg's role included development of the project scope and attendance of public meetings for DOTD. He was responsible for Construction Contract Administration for the project.
06/09-03/11	S.P. No. 450-08-0051: I-10: Mississippi River Bridge Rehabilitation, LADOTD, East & West Baton Rouge Parishes, LA: Mr. Vosburg served as DOTD Area Engineer for this \$16.1 million project involving major structural repairs to the bridge superstructure, including gusset plate and pinned connections, signage, Epoxy-Urethane bridge deck overlay and related work. In addition to being responsible for Construction Engineering and Inspection work, Mr. Vosburg was also involved in Project Development to make the project constructible, to be able to offload needed materials on the superstructure, and to maintain traffic while completing the work.

16. Staff Experience:

Firm employed by ECM Consultants, Inc.			
Name	Christopher Capretto, P.E.		Years of relevant experience with this employer
Title	Project Engineer		10
Degree(s) / Years / Specialization		Years of relevant experience with other employer(s)	
		5	
Active registration number / state / expiration date		B.S./2009/Civil Engineering FHWA-NHI-130091 Underwater Bridge Inspection; LPA Core Training Module; ATSSA Work Zone Traffic Control Flagger, Technician & Supervisor	
Year registered		2014	Discipline
			Civil Engineering
Contract role(s) / brief description of responsibilities		Mr. Capretto will serve as Office manager for this contract.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
15 years of experience	<i>Mr. Capretto has 15 years of experience in road and bridge construction engineering and inspection, underwater bridge inspection, bridge inspection and bridge rating, bridge design, pavement design, transportation utilities projects, including pavement design, design of roadway horizontal and vertical alignments, and stormwater design, water and sewer force mains and gravity lines. His participation in representative projects includes design, preparation of PS&E for roadways and drainage projects for urban and rural highways and streets. Mr. Capretto's experience in office engineering includes maintaining all project documents including daily reports with photographs, RFIs and RFI log, change order management, reviewing and managing submittals, verifying contractor invoices, and preparing change orders.</i>		
05/17–On going	Program and Construction Management for 2017 Jefferson Parish Road Bond Project, Jefferson Parish, LA.: As one of the engineers responsible for managing the JP Road Bond Program on the East Bank, Mr. Capretto is currently overseeing multiple on-going construction projects, with several more getting ready to start within the next few months. These projects are part of the current Road Bond Program, that funds major transportation projects throughout the parish. His responsibilities have included coordinating between JP engineers and the various contractors and subcontractors; attending all kick-off and progress meetings; regular visits to each of the project sites; reviewing inspection reports and testing lab reports; reviewing and approving RFIs, change orders, and invoices; and maintaining a general sense of progress from kick-off of the work on through to completion of the projects.		
04/16-05/17	Gravier Street (South Galvez to Broad St) City of New Orleans New Orleans, LA Civil Engineer: Mr. Capretto performed civil engineering design and construction administration for this \$5.8 million PCC roadway reconstruction project with curbs and gutters including new major subsurface drainage system and utilities relocations		
02/15-05/18	Youth Study Center Streets City of New Orleans Dept. of Public Works New Orleans, LA Civil Engineer; Mr. Capretto provided civil engineering design and construction administration services support for this \$3.2 million roadway project involving improvements to Davey St., Encampment St., Cadillac St., and Milton St. in the St. Bernard Neighborhood. General improvements included cold mill, base repairs and overlay, replacing damaged sidewalks and driveway aprons, relocation and/or replacement of water and sewer mains, and providing ADA ramps at all intersections. Work also included coordination with DPW, SW&B and private utility entities for installation/relocation/adjustments of utilities within the project site.		
08/16-05/18	S.P. No. H. 0106059: Rafe Meyer Bridges in Baker, LA for LADOTD. Civil Engineer. Mr. Capretto is providing construction engineering support and contract administration and inspection for this project involving demolition and construction of two off-system bridges for LADOTD in East Baton Rouge Parish. This project includes precast concrete pile driving, cast-in-place concrete bents, decks, approach slabs and asphaltic concrete roadway transition. He is assisting the project manager in submittal management, coordination and communication with inspectors, resolution of field issues and site visits as directed by the project manager.		

Prime consultant name: **ECM Consultants, Inc.**

16. Staff Experience:

Firm employed by ECM Consultants, Inc.			
Name	Kim Martindale Garlington, P.E.		Years of relevant experience with this employer
Title	Sr. Project Engineer		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization	B.S. / 1982 / Civil Engineering ATSSA Work Zone Traffic Control Flagger, Technician, Supervisor		
Active registration number / state / expiration date	#23848/LA/ 9/30/2024		
Year registered	1990	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities	She will serve as Project Engineer for road and bridge Construction for this Contract. Ms. Garlington meets the MPR 4 & 5.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
40 years of experience	<i>Ms. Garlington is a Professional Civil Engineer with more than 40 years of bridge, elevated highway, and road construction. She worked for LADOTD for 35 years as the Head of Pavement and Geotechnical Design, Lab Engineer and then Project Engineer before she retired. Ms. Garlington is certified TCS and Flagger.</i>		
02/22 – On going	LA 1: Leeville to Golden Meadow (Phase 2), Leeville and Golden Meadow, LA: Ms. Garlington is the Project Engineer and overall responsible for construction administration and CE&I services for the project. This is an 8.63 Mile long Fixed Concrete & Steel Structure elevated highway over the marshlands between the town of Leeville, LA and Golden Meadow, LA. Due to environments constrains, the bridge needs to be constructed with no direct contact with the marshlands, with the exception of temporary steel support piles and the bridge’s permanent concrete support pilings. The project is being constructed by “Top-Down” method of construction where a moveable temporary steel support bridge is built and occupied by the Contractor’s construction equipment, while the permanent concrete bridge is built below. The temporary steel support bridge is approximately 2,000 foot in length and will advance forward as the concrete bridge is built below. Construction for this elevated highway involves building the temporary steel support bridge to support all construction equipment; permanent concrete pile driving; installation of precast concrete pile caps; installation of precast concrete girders; pouring of concrete decks, concrete barrier rails and surface roadway both asphaltic concrete and PCC paving.		
08/19-10/21	S.P. No. H.003370, I-220 / I-20 Interchange IMP & BAFB Access Road- Design-Build, LADOTD, Bossier Parish, LA. Ms. Garlington is serving as Project Engineer for this \$71.8 million design-build project to construct a new I-220 extension South of I-20 that will provide access to Barksdale Air Force Base, adding access ramps and enhancing capacity at the I-20/220 interchange including construction of four bridge/overpass over the existing KCS railway and Musselshell bayou. This includes a NB and SB I-220 overpass over I-20 , and a NB and SB overpass over the KCS railway crossing . Ms. Garlington leads a team of inspectors responsible for the Contractor’s bridge construction activities that include pile driving, field pile acceptance , inspection of drilled shafts, installing bridge caps/abutments/columns, LG 78-54 & 45 prestressed concrete girders, diaphragms, shear keys and constructing bridge decks and approach slabs . Also included are on grade roadway including earthwork, subbase and base, drainage, utilities relocation, PCC pavement , Asphaltic Concrete pavement. Ms. Garlington works with the OV Inspection team to interpret construction inspection specifications and contract performance specifications. Ms. Garlington wrote the Quality Control portion of the Construction Quality Management Plan (CQMP) for the project as required by the LADOTD Construction Quality Assurance Plan (CQAP). Ms. Garlington utilizes the LADOTD’s Site		

Prime consultant name: **ECM Consultants, Inc.**

	Manager/Site Manager Materials/HEADLIGHT software daily. Ms. Garlington evaluates QC/QA test results and generates Materials Test reports, Construction Inspection reports and writes Non-Conformance Reports (NCR's) on materials and Construction activities when specifications are not met.
05/03-08/11	S.P. No. 052-02-0024: Audubon Bridge and Approaches, LADOTD, Pointe Coupee & West Feliciana Parishes, LA: Ms. Garlington served as DOTD Pavement and Geotechnical Administrator for this \$410 million Design-Build project . This major bridge construction project involved installation of a major Mississippi River bridge crossing that included a 3186-foot-long cable stayed bridge, four smaller bridges, and approach roadways. She served as the Geotechnical Representative that reviewed and rated the design build proposals. Work included verification that specifications and standards were being met for the piles and 8- ft diameter drilled shafts of the cable stayed bridge and approach roadways Ms. Garlington consulted with the Department's CE&I Team on issues during construction regarding the installation of the drilled shafts, pressure grouting procedures, an interpretation of load test results . She served as the Department's Geotechnical field expert during pile installation on issues with the Pile Driving Analyzer (PDA) and interpretation of load test results. She advised the Chief Engineer and provided recommendations to the CE&I Project Engineer on issues regarding field acceptance of piles and drilled shafts when installation criteria were not met. She recommended remedial actions by the Contractor and evaluated results to ensure foundations were adequate.
09/14 - 08/16	LADOTD - Natchitoches Parish – LA 490, LA 119, LA 488, LA 1220, LA 493, LA 495, LA 120, LA 480: Ms. Garlington served as a Project Engineer for the reconstruction projects in the parish. Her responsibilities included preconstruction design activities, plan review and administration of the construction contract . Work included clearing and grubbing, utility relocation, subgrade treatments, base rehabilitation, geosynthetic remediation measures, and asphalt pavement activities. Ms. Garlington drafted change orders, reviewed invoices and recommended contractor payments. Ms. Garlington also implemented the Department's Site Manager Materials software for quality assurance on several projects .
02/11 – 03/12	840-43-0001 - LADOTD – Buhlow Bridge US 165 – Alexandria District: Ms. Garlington served as District 08's Construction Coordinator and Laboratory Engineer during the Buhlow Bridge replacement over Red River . Work included concrete decks, girders, cofferdams, piles and drilled shaft foundations, embankment, class 2 base course, asphalt pavement, concrete barriers, and drainage. Ms. Garlington consulted regularly with the LADOTD's Consultant Project Engineer performing CE&I Services on several Geotechnical issues that arose regarding cofferdam stability, Pile driving and acceptance criteria , changed site conditions, drilled shaft installation issues and slope stability issues. She reviewed cofferdam stability calculations, shop drawings and field installation plans for the cofferdam piles – pier drilled shafts and railroad bridge pile foundations.
11/09 – 09/14	LADOTD – District 08 Construction Coordinator and Laboratory Engineer – 34 Projects in the District - Ms. Garlington attended all preconstruction meetings for District 08, provided sampling plans and documentation of IA Testing of Materials required by FHWA. She supervised the district laboratory which provided materials testing for quality assurance of all materials utilized on District 08 projects. Ms. Garlington interacted with PE's and Area Engineers to resolve issues regarding failing materials and their use or removal on the projects. She implemented the Department's Site Manager Materials software for quality assurance on several projects .

16. Staff Experience:

Firm employed by ECM Consultants, Inc.				
Name	Blake Guidry, P.E.		Years of relevant experience with this employer	5
Title	Project Engineer		Years of relevant experience with other employer(s)	8
Degree(s) / Years / Specialization			B.S./Civil Engineering/2012 ATSSA Work Zone Traffic Control Flagger, Technician & Supervisor	
Active registration number / state / expiration date			#41362/LA/ 09/30/2025	
Year registered	2017	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Mr. Guidry will serve as Project Engineer for Road and Bridge Construction for this contract. MPR No. 4 & 5	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
13 years of experience	Mr. Guidry has 13 years of engineering experience in design, construction Engineering and inspection (CE&I) and contract administration including 4 years with LADOTD. His project experience includes highway and bridge construction, roadway and bridge rehabilitation, drainage repair and enhancements, bridge deck polyester concrete overlays, utilities relocations, emergency reconstructions, access management projects, and pedestrian facility improvements. Mr. Guidry is certified ATSSA traffic Control Flagger, Technician and Supervisor			
08/19-10/20	S.P. No. 009250 I-10: Highland to LA 73 Design-Build Project, LADOTD, East Baton Rouge/Ascension Parish, LA. Mr. Guidry served as Assistant Project Engineer for this \$72 million design-build project to widen I-10 from four to six lanes in both east and westbound directions, add deceleration and acceleration lanes at the Highland Road and LA 73 interchanges, roadway lighting replacement, and bridge modifications including replacing I-10 bridge over Highland Road, widening and rehabilitating I-10 bridge over Bayou Manchac, increasing the vertical clearance and rehabilitating LA 928 over I-10, and replacing I-10 over LA 73. He assisted Project Engineer and prepared close out documents including final estimate and 2059.			
09/17 – 4/19	S.P. H.010560: Essen Lane Widening, East Baton Rouge Parish, LA Mr. Guidry served as the Project Engineer for this \$7.9 million widening project. Work included adding an additional travel lane on northbound Essen Lane, new signalized intersections, new ADA ramps at all driveways and intersections, and additional drainage capacity. The new intersection work included the installation of 16 mast arms but hydro-excavation, traffic signal cabinet installation, loop detectors, pedestrian cross walks, video detection with emergency vehicle preemption, and signal heads. He coordinated the work and schedules inspections with the City of Baton Rouge, LADOTD Section 45, and LADOTD District 61 Traffic section. His contract administration duties included project coordination, attending progress meetings, document management, data entry in SiteManager, manage RFIs, review plan change requests, review monthly pay estimates, prepare plan changes, and keeping concise record of all documents.			
04/14 – 04/15	H.010638 – River Rd: Government St – Centerville St: Mr. Guidry served as an Assistant Project Engineer for this construction inspection project involving the widening, patching, and overlay on River Road in Denham Springs in Livingston Parish. His duties included being the point of contact with the LADOTD Project coordinator and the City of Denham Springs, the client. He coordinated with the contractor for scheduling to staff inspectors on the job and to notify the local public for lane closures. His responsibilities for contract administration included preparing change orders for review, monthly pay estimates review, coordination with Railroad company, document management and compiled the final closeout documentation for final acceptance			
08/15-12/16	H.011668 Essen Lane Bridge Widening Mr. Guidry served as DOTD Assistant Project Engineer for this construction inspection project, overseeing the widening of the existing bridge over Ward’s Creek located on Essen Lane in East Baton Rouge. Work included driving 16” precast concrete piles adjacent to the existing bridge and widening the deck to accommodate the future widening of Essen Lane in H.010560. The existing deck was removed via hydro-demolition and tied to the newly widening sides once piling was complete. The project also included adding an additional			

Prime consultant name: **ECM Consultants, Inc.**

	travel lane on northbound Essen Lane, new signalized intersections , new ADA ramps at all driveways and intersections, and additional drainage capacity. His responsibilities included contract administration that included coordination for utility relocations, attend weekly public relation meetings, attend progress meetings, review monthly pay estimates, review RFIs, prepare plan changes, coordination with Kansas City Railroad and the contractor and prepare final close out documents for acceptance including 2059.
10/15 -12/17	H.010659 Rafe Meyer Bridges: Mr. Guidry served as the DOTD Project Coordinator for the Off-System Bridge replacement of two slab span bridges located on Rafe Meyer Road in East Baton Rouge Parish. Mr. Guidry served as contract administrator over the construction inspection and engineering being performed by a consulting firm. Mr. Guidry was present at all project updates and included in all discussions regarding changes or problems occurring in the field. He also made independent site visits as well as having inspectors present during the critical phases of construction. Mr. Guidry was involved in the decision with the DOTD Secretary, Contractor, and local government officials to postpone removal of second bridge until the debris disposal was complete in the aftermath of the August 2016 flood.
12/16- 06/18	H.000351 District 61 Bridge Deck, Joint, and Miscellaneous Repairs, East Baton Rouge, LA: Mr. Guidry served as DOTD Assistant Project Engineer for this \$6.1 Million construction inspection project involving bridge deck repairs, deck overlays, joint repairs, bearing pad replacement, and other miscellaneous repairs. The project scope included removal and replacement of joints on the I-10 overpass at College Drive, the LA 67 bridge over US 61, the interchange of US 61 and I-10, and the flyover connecting I-12 westbound to I-10 east bound . The project included concrete structural patching on I-110 and girder repairs involving carbon fiber wraps. The project also included bearing pad replacement and pedestal repairs. His contract administration duties included project coordination, attending progress meetings, document management, data entry in SiteManager , manage RFIs, review plan change requests, review monthly pay estimates, prepare plan changes, keep concise record of all documents, and project closeout documentation for final acceptance, including the 2059.
10/17-07/19	H.011295 LA. 73: Government St., East Blvd-Lobdell, LADOTD, East Baton Rouge Parish, LA Mr. Guidry served as DOTD Project Engineer for this Road Transfer project. In addition to preparing for CE&I work, he was also involved in Project Design and Development, Public Outreach , working with City officials, Public Meetings, and Constructability reviews. Work included several phases where traffic lanes were adjusted to allow for the completion of the project section by section. The project includes rehabilitating the existing pavement and implementing a “road diet” and access management to incorporate bicycle and pedestrian friendly concepts and safety improvements including a roundabout installation at the intersection of Lobdell and Government Street.
08/19 – 05/20	H.006531 – Roundabout at Girard Park and Hospital Dr: Mr. Guidry served as DOTD Project Coordinator for this construction inspection project involving the construction of a Portland cement concrete pavement (PCCP) roundabout at the formerly four-way stop at Girard Park Drive and Hospital Drive. Work activities also included the installation of drainage pipe and erection of a structural retaining wall, signing, and striping. Mr. Guidry acted as the contact for the client, Lafayette Consolidated Government, and the LADOTD Project Coordinator. His responsible for contract administration included inspection scheduling, contractor payment, creation of change orders, document management and project closeout documentation for final acceptance, including the 2059.
07/18-07/19	H.012233 – LA 3064 to LA 1248 Phase I Dijon Drive Extension: Mr. Guidry served as the DOTD Coordinator in the Project Engineer's office for this \$8.3 million new construction project providing access to the Our Lady of the Lake Children's Hospital in East Baton Rouge Parish. Mr. Guidry served as the contract administrator over the CE&I project. Mr. Guidry was present at all on-site meetings and monthly progress updates and included on change order discussions and approval chain. Mr. Guidry made independent site visits during critical phases of the project, including construction activities at the tie-in to LA 3064, Essen Lane. His contract administration duties included public relations , supervision of SiteManager entries by EBR DPW, progress meetings, change order review and approval, RFI review, reviewing monthly pay estimates, and confirming contractor payment.

16. Staff Experience:

Firm employed by ECM Consultants, Inc.				
Name	Gary A. Gisclair, P.E.		Years of relevant experience with this employer	2
Title	Project Manager		Years of relevant experience with other employer(s)	38
Degree(s) / Years / Specialization		B.S./1981/Civil Engineering ATSSA Work Zone Traffic Control Flagger, Technician & Supervisor DOTD Certified Public Manager DOTD Certified Structural Concrete Inspection (Expires 10/13/26)		
Active registration number / state / expiration date		PE.0022813 /Louisiana/Exp. 3/31/2026		
Year registered	1987	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities		Mr. Gisclair will serve as Project/Resident Engineer for Road and Bridge Construction for this project. He meets the minimum requirement of a registered professional engineer in Louisiana per MPR No. 4 & 5.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
40 years of experience	<i>He has over 40 years of experience in Civil Engineering specializing in Construction Engineering & Maintenance of DOTD Roads and Bridges and Public Works Projects. Mr. Gisclair worked for DOTD for 33 Years. He has been employed as a Project Engineer, Area Engineer and Assistant District Administrator</i>			
02/22 – On going	H.008145.6 – LA 1: Leeville to Golden Meadow (Phase 2) - \$463 million Construction - \$463 million Construction Cost. This is an 8.63 Mile long Fixed Concrete & Steel Structure elevated highway over the marshlands between the town of Leeville, LA and Golden Meadow, LA. Due to environments constrains, the bridge needs to be constructed with no direct contact with the marshlands, with the exception of temporary steel support piles and the bridge's permanent concrete support pilings. The project is being constructed by “ Top-Down ” method of construction where a moveable temporary steel support bridge is built and occupied by the Contractor's construction equipment, while the permanent concrete bridge is built below. The temporary steel support bridge is approximately 2,000 foot in length and will advance forward as the concrete bridge is built below. Construction for this elevated highway involves building the temporary steel support bridge to support all construction equipment; permanent concrete pile driving; installation of precast concrete pile caps; installation of precast concrete girders; pouring of concrete decks, concrete barrier rails and surface roadway both asphaltic concrete and PCC paving . Mr. Gisclair is the Project Engineer and overall responsible for construction administration and CE&I services for the project.			
3/2006 – 3/2008	H.008143 (SPN 829-32-0007) – LA 1 Relocated – Port Fourchon to Leeville Bridge (Phase 1B) - \$144 Million Construction Cost – This Project replaced the LA 1 Bridge crossing over Bayou Lafourche in the town of Leeville, 4.57 mile in length and constructed a concrete bridge south connector ramp to tie-in to LA 1 and a concrete bridge north connector ramp to tie into LA 1. Both bridge ramps connected the mainline of the bridge to LA 1 north and south of the main span crossing Bayou Lafourche. Construction involved Concrete pile driving, pouring of concrete caps, setting of pre-cast concrete girders and pre-cast concrete SIP panels, pouring of concrete decks and concrete barrier rails. Construction also involved removal of the existing shoulder to LA 1 north of the main span crossing and south of the main span crossing and construction of an asphaltic concrete base and overlay to connect the mainline of the bridge to LA 1 south and north of the main span crossing. DOTD staffed all CE&I services on this project and Mr. Gisclair was the DOTD Project Engineer over this project.			
6/2006 – 4/2008	H.008144 (SPN 829-32-0008) – LA 1 over Bayou Lafourche at Leeville – (Phase 1C) – Main Spans – \$21.4 Million Construction Cost – This was the 870' main span crossing for LA 1 relocated built over Bayou Lafourche in Leeville, replacing the existing Leeville Bridge crossing. Construction involved concrete pile driving and construction of four concrete main span footings and concrete columns and concrete caps, setting of the steel girder sections spanning between all four footings and pouring of the concrete decks and concrete barrier rails along the main span crossing. DOTD staffed all CE&I services on this project and Mr. Gisclair was the DOTD Project Engineer over this project.			

Prime consultant name: **ECM Consultants, Inc.**

3/2007 – 1/2010	H.001475 (SPN 064-30-0035) – LA 1 Fourchon to Leeville Bridge (Phase 1A) – \$137.7 Million Construction Cost – This was the 5.34-mile-long bridge constructed over marshlands in Lafourche Parish, replacing LA 1 between LA 3090 at Port Fourchon to Leeville. Due to the environmental requirements where no direct contact with the marshlands was allowed, (construction of haul roads or canal dredging), the bridge was built utilizing “Top-Down Construction”. Top-Down Construction involved building a steel pile supported steel temporary moveable bridge 1,550’ in length which supported all construction equipment, and the permanent concrete bridge was built below the temporary bridge structure. Construction involved building the moveable temporary steel bridge to support all construction equipment, Concrete pile driving, setting of precast concrete caps, setting of precast concrete girders and concrete SIP panels, pouring of concrete decks and concrete barrier rails. DOTD staffed all CE&I services on this project and Mr. Gisclair was the DOTD Project Engineer over this project.
9/2009 – 4/2011	H.001436 (SPN 064-01-0040) – Caminada Bay Bridge - \$53.3 Million Construction Cost – This was the ¾ mile bridge constructed over Caminada Bay replacing the existing bridge of LA 1 which connected the mainland of south Louisiana to Grand Isle in Jefferson Parish. Construction involved Concrete pile driving, pouring of concrete caps, setting of concrete girders and concrete SIP panels, pouring of concrete decks and concrete barrier rails. Construction also involved building of an asphaltic concrete base course, an asphaltic concrete overlay and installation of Plastic Pavement Striping on LA 1 on both the north approach and south approach to the new Caminda Bay Bridge. DOTD staffed all CE&I services on this project and Mr. Gisclair was the DOTD Project Engineer over this project
6/2009 – 11/2014	H.001451 – (SPN 064-05-0085) – Bayou Lafourche Bridge at Larose - \$31.4 Million Construction Cost – This was the new lift span bridge built crossing Bayou Lafourche in Larose, bringing traffic from LA 3235 to LA 308. ECM was the Consultant hired to perform the CE&I Services and Mr. Gisclair was the DOTD Project Coordinator on the project.
9/2011 – 12/2011	H.001452 – (SPN 064-05-0086) – (Route LA 1 & LA 308) – Left Turn Lane South of Lockport - \$584,545 Construction Cost – This was the left turn lane built on LA 308 south of Lockport to allow northbound traffic on LA 308 approaching a swing span bridge spanning Bayou Lafourche to turn left onto the bridge to go to LA 1. This also constructed a left turn lane on south-bound LA 1 traffic approaching the swing span bridge to turn left on to the bridge to go to LA 308. Construction involved removal of existing asphaltic concrete shoulders, construction of asphaltic concrete base, binder and wearing course and installation of Plastic Pavement striping. DOTD staffed all CE&I services on this project and Mr. Gisclair was the DOTD Project Engineer over this project.
6/2010 – 1/2011	H.001458 – (SPN 064-06-0048) – Overlay of LA 1 in Mathews – \$1.8 Million Construction Cost – This was an asphaltic concrete overlay of LA 1, from US 90/LA 1 Intersection to the lift span bridge spanning Bayou Lafourche at the intersection of LA 308 & LA 654 to the Gaines highway. Construction involved the milling of LA 1, Asphaltic Concrete patching of LA 1 and an Asphaltic Concrete Wearing overlay and installation of Plastic Pavement Striping on LA 1. DOTD staffed all CE&I services on this project and Mr. Gisclair was the DOTD Project Engineer over this project.
5/2010 – 8/2010	H.001466 – (SPN 064-07-0026) – Lafourche Parish Turn Lanes - \$478,789 Construction Cost – This was an asphaltic concrete overlay on LA 1, between Raceland and Thibodaux to construct turn lanes at various locations. Construction involved removal of existing asphaltic concrete shoulders, construction of asphaltic concrete base, binder and wearing course and installation of Plastic Pavement striping on LA 1. DOTD staffed all CE&I services on this project and Mr. Gisclair was the DOTD Project Engineer over this project.
8/2010 – 4/2011	H.001469 – (SPN 064-08-0017) – LA 1 from LA 20 to the Assumption Parish Lines - \$2 Million Construction Cost – This was an asphaltic concrete overlay of LA 1 from LA 20 in the City of Thibodaux to the Assumption Parish Lines south of the town of Labadieville. Construction involved the milling of LA 1, Asphaltic Concrete patching of LA 1 and an Asphaltic Concrete Wearing overlay and installation of Plastic Pavement Striping on LA 1. DOTD staffed all CE&I services on this project and Mr. Gisclair was the DOTD Project Engineer over this project.

Prime consultant name: **ECM Consultants, Inc.**

16. Staff Experience:			
Firm employed by Huval and Associates, Inc.			
Name	Colby J Guidry, P.E.		Years of experience with this firm/employer
Title	Vice President and Lead Engineer		Years of experience with other firm(s)/employer(s)
Degree(s) / Years / Specialization		08/95-05/00 Bachelor of Science, Civil Engineering	
Active registration number / state / expiration date		31338 / LA / 09/30/2024	
Year registered	2004	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		HUVAL Project Manager/Bridge Design and Ratings / MPR #5	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
24 years of experience	<p><i>Mr. Guidry came to Huval & Associates with 7 years' experience with the Federal Highway Administration (FHWA). His FHWA experience included all aspects of transportation related projects, where he was actively involved with environmental review, design, construction, and maintenance of bridges and roadways throughout Louisiana. Since joining HUVAL, he has been involved in bridge and structural design, plan preparation, bridge inspections, and construction management/support services. Completed the two-week FHWA approved comprehensive bridge training course for bridge inspectors, certified as a Bridge Inspection Team Leader, completed the NHI LRFR for Superstructures Course, the Work Zone Traffic Control Technician and Supervisor Courses, the NHI Design & Operation of Work Zone Traffic Control, Roadside Design Course, NHI Highway Hydraulics Course, NHI Urban Drainage Design Course, as well as many construction and environmental related courses. Very familiar with the LADOTD Bridge Design Manuals, 2002 AASHTO Bridge Specs, and the current AASHTO LRFD Bridge Specs. Mr. Guidry manages the Bridge Construction program for St. Martin Parish and performs this role for numerous other municipalities and private clients.</i></p>		
Ongoing	<p>Public and Private Bridge Load Ratings – Statewide – Lead Rating Engineer for bridges all across the state on a continual basis. Numerous load ratings performed weekly for a host of clients including parishes, cities, oil field companies, and other clients. The ratings include bridge types such as timber, steel, concrete, movable, fixed, pontoons, and trusses.</p>		
01/23 - ongoing	<p>Stuller Bridge – Private Bridge – St. Martin Parish – Design and Construction Manager for the design, load rating, plan development, and Construction Management of a multi-span Quad beam bridge for a private owner. The bridge design and construction involves concrete piles, concrete caps, prestressed concrete beams, concrete barrier rails, steel sheet piles, and other miscellaneous work.</p>		
01/19-2/24	<p>Herman Dupuis Swing Span Bridge (Movable) – St. Martin Parish – Project Manager for the design, load rating, plan development, and Construction Oversight of a new swing span bridge over alligator bayou which will replace the Butte LaRose Pontoon bridge. Design elements include all aspects of the bridge including environmental clearance, surveying, structural design, mechanical design, electrical design, hydraulic design, roadway design, and all other design elements. Rating of the various bridge components was also performed. Construction support and oversight provided throughout construction.</p>		
10/10-01/22	<p>Butte LaRose Pontoon Repairs (Movable) – St. Martin Parish – Lead Engineer for the design, Load Rating, and Construction Management of numerous repairs to the movable pontoon bridge over alligator bayou. Repairs included deck repairs, stringer repairs, cap repairs, pontoon barge repairs, machinery repairs, pile repairs, abutment repairs.</p>		
12/20-06/21	<p>Ascension Parish 26 Bridge Ratings – Inspected, gathered documentation, rated, provided repair plans, as well as assisted in construction rehab reviews for 26 Ascension Parish bridges. Complex analysis rating analysis allowed the bridges to remain open while repairs were planned.</p>		
01/11-08/14	<p>St. Ann Bridge Over Bayou Terrebonne (Movable) Swing Span – S.P. 700-55-0107 – Lead structural designer for a new Swing span bridge over bayou Terrebonne. Also assisted with Mechanical reviews throughout the design process. Colby was involved with every aspect of this</p>		

Prime consultant name: **ECM Consultants, Inc.**

	movable bridge project from environmental clearance through construction. This swing span had unique issues to overcome due to the limited vertical space due to waterway and adjacent road obstructions. Also performed Construction Oversight for LADOTD during the entire construction process.
04/18 – Ongoing	Retainer for Engineering Services for Bridge Preservation - Statewide, Contract No. 4400011225 - Supervisor Engineer of Retainer Contract. Responsible for project management, coordination, project setup, QA/QC, Load Ratings and bridge rehab design for the \$4M retainer.
09/12 – 12/17	Retainer Contract for Bridge Repair and Rehabilitation Services - Statewide, Contract No. 4400002537- Supervising Engineer of Retainer Contract. Responsible for coordination, inspections, project setup, QA/QC, Load Ratings, and bridge rehab design for the \$6M retainer contract.
05/11 – 08/15	Retainer for Engineering Services for Bridge Preventive Maintenance (BRPM) - Statewide, Contract No. 440001543- Lead Engineer of Retainer Contract. Led the Inspection and Design for 8 different Task Orders covering Preventive Maintenance Repairs for over 100 Bridges statewide in short timeframes.
08/09– 06/15	Retainer Contract for Bridge Repair and Rehabilitation Services - Statewide, S.P. 700-99-0488 - Lead Engineer of Retainer Contract. Responsible for coordination, inspection team leader, project setup, bridge design, and QA/QC of Task Orders totaling approximately \$8.75M over a 5-year period. Contract utilized multiple Subconsultants on all aspects of bridge design and inspection.
01/13-11/15	Tappan Zee Bridge, NY Thruway Authority (Construction Support)– Project Manager/design engineer for design of precast tower and anchor pier slabs, pile templates, work platforms, and other systems. Also assisted in the design of temporary fender systems designed to protect the construction area from ice, wave, and ship impacts.

Prime consultant name: ***ECM Consultants, Inc.***

16. Staff Experience:

Firm employed by				
Name	Christina Florez, P.E.		Years of experience with this employer	8
Title	ITS / Street Lighting / Electrical		Years of experience with other employer(s)	15
Degree(s) / Years / Specialization		Bachelor of Science / 2001 / Electrical Engineering, Florida International University		
Active registration number / state / expiration date		PE.0038799 / LA / Exp. 9/30/24 PE 65603 / FL / Exp. 2/28/25		
Year registered	2014 (LA), 2007 (FL)	Discipline	P.E./Electrical and Computer	
Contract role(s) / brief description of responsibilities		Senior ITS / Street Lighting Design and Analysis/ Electrical Engineer / Christina will support the ITS / Street Lighting Design and Analysis/ Electrical portions of this project During Construction. MPR #6		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
23 years of experience	Christina has been a senior project manager/electrical engineer on complex ITS projects over the past 23 years. Her experience includes: ITS engineer of record on design-bid-build and design-build projects for multiple DOT clients, integrated corridor management (ICM) planning studies, ITS design and construction support, field inspection and testing, variable-speed-limit (VSL) system design, transportation systems management and operations, systems engineering analyses, incident management system (IMS), and reversible-lane plan development. Her ITS design projects included CCTV, DMS, radar detection, active traffic management, travel time systems, express lanes, communications, and electrical subsystems. Christina has been the Project Manager on various IDIQ and Task Order based contracts in Louisiana and Florida.			
10/21 – Ongoing	ALDOT, Statewide Regional Traffic Operations Program (RTOP) Program, Statewide, AL Project Manager. ALDOT's RTOP will improve traffic flow, safety and travel time reliability through active arterial management strategies along multijurisdictional corridors. Gresham Smith leads a team of consultants and contractors to deliver proactive signal operations and maintenance. As Project Manager, Christina is responsible for leading a team of signal consultants and contractors tasked with elevating the performance of the Birmingham metro-area arterials through active management of signals, maintenance and repair of signal systems and related ITS assets including communications, support for special events and emergencies, data collection and reporting, as well as coordination with ALDOT and local agencies.			
3/20 – Ongoing	TDOT, Traffic Studies, I-24 MOTION Test Bed, Davidson and Rutherford Counties, TN Lead Technical Advisor. TDOT established a test bed to better understand how vehicle automation and active traffic management impacts real world driving scenarios. Christina designed the communication and power infrastructure for the network. She also helped develop the systems engineering analysis, secured grant funding, designed, and supported the construction of the Test Bed which consisted of 276 cameras that generated 50TB+ of data daily.			
1/19 – Ongoing	LADOTD, ITS CEI Retainer, Lake Charles Phase 3 ITS, CEI, Lake Charles, LA Project Manager. Gresham Smith is providing Construction Engineering Inspection Services, including a Project Engineer, on-site daily/nightly inspection and technical construction inspection, throughout the course of construction. Christina is responsible for oversight of the entire project.			

Prime consultant name: **ECM Consultants, Inc.**

2017 – 2020	FDOT D6 - SR 826/Palmetto Expy from E of NW 57th Ave to E of NW 42nd Ave, Miami, FL Project Manager/ITS EOR. Christina was responsible for project management, ITS design, segment coordination, discipline coordination, and QA/QC. The design included CCTV cameras, DMS, arterial DMS, MVDS, and Ramp Signaling, lightning protection, fiber optic communications network and power distribution system with stand-by generator. Responsibilities – Project Management, ITS Engineer of Record
2/17 – 10/17	LADOTD, ITS Design & Implementation WO#7: Signal Communications Upgrade Phase 1 – Systems Engineering Assessment (SEA), Various Locations, LA Project Manager. The project consists of modifications and upgrades of the existing infrastructure to provide connectivity to various signals. Christina was responsible for project management, ITS technical support, document development, including Concept of Operations and review, ITS regional architecture review and QA/QC.
9/16 – 9/17	LADOTD, ITS Design, Integration and System Verification Services, WO#3: ATMS.Now Design and Integration, Statewide, LA Senior ITS Engineer. Seeking to replace the existing obsolete system with a more unified traffic control system, the LADOTD upgraded to Trafficware's ATMS. Now, a central management system that unified the traffic signal systems statewide and allowed more effective and efficient monitoring and control. Christina's responsibilities included ITS technical support, training oversight and document review.
10/10 – 8/17	FDOT D6, ITS Support, Miami, FL Project Manager. Christina was responsible for coordination, management, and technical support of all engineering services for the on-call contract. The contract included multiple task orders to support FDOT's ITS program, including providing ITS reviews for the SR 826/I-75 Express Lanes, I-75 Segment AB Express Lanes, and I-75 Systems Integrator projects; supporting FDOT's oversight and review of the ITS component plans and specifications of the Port of Miami Tunnel project; updating server room as-builts; and providing support for contract negotiations on various projects, including Okeechobee Road design and Palmetto Express design projects.
12/15 – 3/17	MetroPlan Orlando - 2016 - 03 ITS Master Plan, Orlando, FL Project Manager, Senior Engineer. Responsible for the development of the ITS Master Plan that included determination of the ITS Vision, Goals and Objectives, review and documenting the existing conditions, infrastructure and inventory, identifying ITS needs, identifying applicable ITS strategies, review of the regional ITS architecture, development of the Concept of Operations, and prioritization of the ITS Master Plan. Christina's responsibilities included project management, ITS technical support, development of ITS needs, and applicable ITS strategies, and development of concept of operations.
9/15 – 9/16	Broward County MPO, Integrated Corridor Management (ICM) Planning Study, Broward County, FL Project Manager/Senior ITS Engineer. Responsible for the development of project documents, including concept of operations, high level system requirements and implementation plan; coordination with various stakeholders and facilitation of multiple workshops. The project consisted of developing a ConOps, a high-level ICM requirements report, and an implementation plan for designing, constructing, integrating, operating, and maintaining the ICM system components with the sole purpose of improving the efficiency of the multimodal transportation system along the I-95 corridor.
2009 – 2016	FDOT D6 - Section 5 - SR 826 and SR 836 Interchange Reconstruction Design-Build, Miami-Dade County, FL Project Manager/ITS EOR. Responsible for systems engineering management documentation, development of the ITS master plan, project design, development of test plans, report preparation and post-design services. The design-build project includes the design, installation and upgrade of ITS components and subsystems, including fiber-optic and wireless communications, 30 CCTV cameras, 41 microwave detectors, six freeway DMSs and 18 arterial DMSs along both SR 826 and SR 836 and two separate power distribution systems. Responsibilities – Project Management, ITS Engineer of Record, Test Plans Development, Master Plan Development, SEA Document Development, Post-Design

Prime consultant name: **ECM Consultants, Inc.**

16. Staff Experience:

Firm employed by Huval and Associates, Inc.				
Name	William Lee Hupperich, P.E.		Years of experience with this firm/employer	11
Title	Senior Mechanical Engineer		Years of experience with other firm(s)/employer(s)	13
Degree(s) / Years / Specialization			Bachelor of Science,1996, Mechanical Engineering	
Active registration number / state / expiration date			30451 / LA / 03-31-25	
Year registered	2004	Discipline	Mechanical Engineering	
Contract role(s) / brief description of responsibilities			Movable Bridge Design / Mechanical Design / MPR #7	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
25 years of experience	<i>Holds over 25 years of experience in the design and construction of movable bridge mechanical systems (including architectural, plumbing, HVAC, and wastewater systems). As the Movable Bridge Design Expert at LADOTD, produced plans and specifications of more than 18 complex movable bridge mechanical systems and operator’s house related Architectural, plumbing, HVAC, and STP systems for statewide movable bridge projects. Now as Senior Mechanical Engineer at Huval & Associates, continues to provide engineering services for complex movable bridge machinery and operator house mechanical systems in Louisiana and Mississippi, expanding his expertise in the field.</i>			
08/22-Present	St. Mary Swing Span Bridges Repairs – St. Mary Parish, LA; S.P. H.015224 – Currently developing plans and specifications for the repairs to three (3) off system swing span bridges in St. Mary Parish: Rizzo, Katy, and Sorrel. This work consists of refurbishing the movable bridge hydraulic power units, hydraulic cylinders, and incorporating new movable traffic barriers.			
06/22 - Present	Buquet Lift Bridge Hurricane Ida Damage Inspection and Repairs Inspection of hurricane Ida damage to the Buquet Lift Bridge in Houma Louisiana and development of a report containing the damage and cost estimates for the respective repairs. Additionally, the bridge was inspected for Consensus Based Codes, Standards and Specifications to meet FEMA policy.			
05/22-Present	New Pontoon Bridge – Valentine Bridge Replacement, Lafourche Parish Government, Lafourche, LA –Designed, detailed, final plans, specifications, calculations, and cost estimates for the mechanical systems including the pontoon winch drive machinery, deflector sheave assemblies, apron machinery, and movable approach span hoist machinery. Currently providing construction engineering related services including shop drawing review, RFI’s, shop visits, site visits, and related project management.			
05/21 - Present	New Swing Span- Herman Dupuis RD. Pontoon BR. Replacement, St. Martin, LA, Bridge Recall 200896 –Designed, detailed, and sealed final plans, specifications, calculations, and cost estimates for the mechanical and electrical systems including: HPU, piping, Hydraulic motor, gearbox, rack, pinion, pivot bearing, balance wheels, track, live load rockers, end wedges, span balance, and movable traffic barriers. Currently providing construction engineering related services including shop drawing review, RFI’s, shop visits, site visits, and related project management.			
08/20 - Present	New Vertical Lift- GLPC, Airport Connector Road and Bridge, Lafourche, LA, S.P. H.011915 -Designed, detailed, and sealed final plans, specifications, Calculations, and cost estimates for mechanical systems: tower drive machinery, span locks, counterweight ropes, skew control, differential and leveling clutch, air buffers, movable traffic barriers, fixed and expansion shoes, counterweights, guide rollers, access systems and handrailing. Currently providing construction related engineering services including shop drawing review, RFI’s, shop visits, site visits, and related project management.			
11/19-06/20	Larose Lock Structure, Larose, GLPC – Designing and detailing final plans, specifications, and cost estimates for the following: Lock machinery consisting of the winch, reducer, idler, and deflector sheave assemblies; HVAC systems and exhaust fans for facility. Currently the project is at the 95% final plan delivery stage.			
03/20 - Present	Double Leaf Bascule Rehabilitation- SR 609 Bridge over Old Fort Bayou, Jackson, MS, BR-9385-00 (017) – Designed and sealed the temporary hydraulic system including: operating cylinders, HPU, piping, and control interface. Produced a calculation package including span resistance, cylinder			

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	loads, horsepower requirements, hydraulic schematic, and the selection of manufactured components for approval prior to manufacturing. Worked together with a hydraulic systems fabricator to build, test, ship, and install the complete system on the bridge. The hydraulic machinery is currently performing successfully while the bridge rehabilitation work is underway.
09/17 – 02/2019	Single Leaf Bascule Rehabilitation – Theriot Bridge, Terrebonne, LA, Parish Project 17-BRG-49 - Designed, detailed, and sealed final plans, specifications, Calculations, and cost estimates for mechanical and electrical systems including: trunnion shaft and bearing assembly, winch and cable operating system, span balance calculations, selection of electrical components, sizing conductors, conduit runs, and pull boxes.
03/17 - Present	Vertical Lift Rehabilitation- LA 336-1: Bayou Teche Bridge Rehab (HBI); St. Martin, S.P. H.011485 – Performed site inspections and prepared reports containing recommended repair options and costs for DOTD. Designed, detailed, and sealed final plans, specifications, and calculations of the tower drive machinery, pier machinery and the movable traffic barrier. Currently performing construction related engineering services including shop drawing review, RFI's, shop visits, site visits, and related project management is currently being provided.
06/13 - 04/19	Vertical Lift Rehabilitation- LA 58: Bayou Petit Caillou (HBI), Terrebonne, LA, S.P. H.010006 – Performed site inspections and prepared reports containing recommended repair options and costs for DOTD. Designed, detailed, and sealed final rehabilitation plans covering new trunnion bearings, pinions, pinion bearings, primary and secondary gear reducers, brakes, drive shafting, counterweight ropes, span locks, air buffers, and guide rollers. Developed and sealed plans and specifications for the new operator's house covering HVAC, plumbing and STP.
08/22-Present	St. Mary Swing Span Bridges Repairs – St. Mary Parish, LA; S.P. H.015224 – Currently developing plans and specifications for the repairs to three (3) off system swing span bridges in St. Mary Parish: Rizzo, Katy, and Sorrel. This work consists of refurbishing the movable bridge hydraulic power units, hydraulic cylinders, and incorporating new movable traffic barriers.
06/22 - Present	Buquet Lift Bridge Hurricane Ida Damage Inspection and Repairs Inspection of hurricane Ida damage to the Buquet Lift Bridge in Houma Louisiana and development of a report containing the damage and cost estimates for the respective repairs. Additionally, the bridge was inspected for Consensus Based Codes, Standards and Specifications to meet FEMA policy.

Prime consultant name: ***ECM Consultants, Inc.***

16. Staff Experience:

Firm employed by ECM Consultants, Inc.				
Name	Zachary Collier, P.E.		Years of relevant experience with this employer	5
Title	Project Engineer		Years of relevant experience with other employer(s)	5
Degree(s) / Years / Specialization			B.S./Civil Engineering/2018 ATSSA Work Zone Traffic Control Flagger, Technician	
Active registration number / state / expiration date			#42957/LA/ 3/31/2025	
Year registered	2018	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Mr. Collier will serve as Assistant Project Engineer for Roads for this contract. MPR No. 4.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
10 years of experience	<i>Mr. Collier has about 10 years of experience working on construction engineering and inspection projects. He worked for LADOTD for 4 years In District 61 Project Engineer’s Office. His projects included roadway and bridge construction, roadway rehabilitation, drainage repair and enhancements, utilities relocations, and pedestrian facility improvements. His duties and responsibilities included administering state construction contracts, plan review, staffing construction projects with certified inspectors, change order reviews and approvals.</i>			
10/21-Ongoing	Belle Chasse Bridge and Tunnel Replacement, P3, Design-Build Project, Plaquemines Parish, LA: Mr. Collier is serving as Project Engineer for this \$182 million, P3 design-build project to construct a new Mid-Level fixed span bridge that will span the Intracoastal Waterway on Louisiana Highway 23. The project will include the demolition of the existing Perez Bridge and Tunnel. The new bridge is being constructed to current clearance standards for marine vessels as required by the US Coast Guard. This work includes pile load testing, pile driving, installing prestressed concrete girders, steel girders, concrete deck, on grade roadway including earthwork, subbase and base, drainage, utilities relocation, PCC pavement, Asphaltic Concrete pavement, concrete barrier railing, roadway lighting, MSE Wall construction and striping. ECM’s Quality Control team of engineers and LADOTD certified inspectors are responsible for sampling and testing to ensure compliance with the project.			
07/20-02/21	Severn Avenue Reconstruction: Veterans to W. Esplanade, Jefferson Parish, LA: Mr. Collier served as the Project Engineer for this \$11.5 million complete street construction project. This project includes PCC paving, major drainage improvements, ADA facilities, the addition of dedicated bike lanes, addition of turn lanes, traffic and pedestrian signals, street lighting and landscaping etc. He is providing CE&I services that includes project coordination, managing inspection services, data entry in SiteManager , manage RFIs and submittals, review monthly pay estimates, and keep concise record of all documents in chronological order so that project closeout documentation will be completed timely for final acceptance. He is also coordinating with DOTD, Parish and utility entities.			
10/17–10/18	Essen Lane Widening, LADOTD, S.P. No. H.010560, East Baton Rouge Parish, LA: Mr. Collier served on the Project Engineering team for this \$8 million roadway widening project. Work included adding an additional travel lane on northbound Essen Lane, new signalized intersections, new ADA ramps at all driveways and intersections, and additional drainage capacity. He provided contract administration support that included project coordination, managing inspection services, data entry in SiteManager , manage RFIs and submittals, review monthly pay estimates, and keep concise record of all documents in chronological order.			
2/18–5/18	I-110 Ramps at Convention and Florida LADOTD East Baton Rouge Parish, LA As DOTD Asst. Project Engineer, Mr. Collier was responsible for the construction administration of this project that involved widening and rehabilitating the I-110 northbound exit ramp at Convention Street and the I-110 southbound entrance ramp at Florida Street. He attended pre-construction as well as construction progress meetings, and was responsible for supervising inspectors; review, managing and maintaining submittals, RFIs, test reports, daily inspection reports, Non-Compliance Reports (NCR),			

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	and other project documents. During site visits, he observed contractor's work activities for compliance with plans and specifications and reviewed and entered contractor's pay requests in SiteManager.
10/17–10/18	S.P. No. H.011295 – Government Street Rehabilitation, East Baton Rouge Parish, LA: Mr. Collier served on the Project Engineering team for this \$12 million project which consists of rehabilitating the sidewalks, driveways, and pavement on Government Street to add a bike lane and to create a more pedestrian friendly facility. This project also includes a roundabout at Government Streets intersection with Lobdell Avenue. Mr. Collier's responsibilities included contract administration services for the project.
04/19-11/19	S.P. No. H.012479 – Audubon Avenue and Ardoyne Drive, Mini-Roundabout, Lafourche Parish, LA: Mr. Collier served as Project Engineer and provided CE&I services for this roundabout project which is part LA DOTD Safe Routes to School Program. Work on this project included installation of a new roundabout on the Nicholls State University campus including sidewalks and handicapped curb ramps to connect the nearby apartments and park to the campus with safe pedestrian facilities. ECM's Construction Engineering and inspection (CE&I) duties included daily evaluation of the quality of work performed by contractor, subcontractors, and suppliers, providing daily written reports on the progress of the construction using LADOTD Sitemanager system, and tracking and verifying installed material quantities. These duties also included performing source evaluation and approval of materials suppliers, providing field testing and sampling, and maintaining project documentation in order to complete LADOTD "2059" and final closeout. Project Engineering duties included reviewing submittals and RFI's, preparing and approving change orders, verifying field quantities in order to prepare and approve contractor payments, and completing as-built plans for the project.
09/19-5/20	S.P. No. H.010109 Raceland and Bayou Blue Sidewalks, Lafourche Parish, LA: Mr. Collier served as Project Engineer for this \$1.05 M sidewalk and drainage project that included nearly 3000 feet of new drainage and 2 mile of sidewalks which included ADA compliant pedestrian facilities. Work on this project included installation of new sidewalks, driveways, and handicapped curb ramps along LA 308 and LA 316 to connect the surrounding neighborhoods with Bayou Blue Middle, Bayou Blue Elementary, and Raceland Middle Schools. The project also included installation of new drainage pipes and structures, conversion of existing drainage ditches to underground drainage, and re-seeding of the affected areas along LA 316. ECM's Construction Engineering and inspection (CE&I) duties included evaluating the quality of work performed by contractor, subcontractors, and suppliers, providing daily written reports on the progress of the construction, tracking and verifying quantities for pay items, and monthly construction estimates, including processing and verification.

Prime consultant name: **ECM Consultants, Inc.**

16. Staff Experience:

Firm employed by ECM Consultants, Inc.			
Name	John Foley, III, P.E.		Years of relevant experience with this employer
Title	Civil Engineer		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		B.S. / 2014 / Civil Engineering	
Active registration number / state / expiration date		42740 / LA / Exp. 03/31/2025	
Year registered	2018	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Mr. Foley will serve as Assistant Project Engineer/ Assistant Resident Engineer for Road construction . He has certifications in ATSSA Traffic Control Flagger, Supervisor and Technician. MPR #4.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
10 years of experience	<i>Mr. Foley is a Civil Engineer Engineer with 10 years of experience designing public works projects including feasibility studies, environmental assessments, roadway, drainage, water and sewer systems improvements design and Construction administration of several roadways, drainage and utilities construction projects</i>		
01/20 – 4/23	Program Management for 2017 Jefferson Parish Road Bond Project, Jefferson Parish, LA: Mr. Foley performed review of consultant's plans, specifications and cost estimates and performed site visits during construction to ascertain construction is performed in accordance with requirements of plans and specification This project currently has \$208 M of construction projects and includes the design and construction of roadways, bridges , utilities and pedestrian bike paths and bridges.		
06/20 – 8/22	MOVEBR Roadway Enhancement Program, Parish wide Synchronization and Communication Traffic Signal Connection and Communications, Phases 2 and 3, Parish of East Baton Rouge, LA: Under the \$330 Million MOVEBR Roadway Enhancement Program , he provided engineering design services for this \$8 Million project involving installation of over 100 miles of fiber optic lines within streets ROW for connecting to signals scattered all over the Parish, ECM as subconsultant to Stantec. He visited sites with city utility maps for field investigations to determine approximate location of all existing utilities within the ROWs and to locate best alignments for fiber optic lines to avoid conflicts with other utilities during installation. He prepared plans and specifications conforming to City of Baton Rouge design standard.		
08/19 – Ongoing	Transit Improvement Design for District 3, Jefferson Parish, LA: Mr. Foley serves as Project Engineer for design and construction administration for improvements to 317 bus stops within Council District 3 for Jefferson Parish. Scope of work includes preparing detailed construction plans and technical specifications with the latest LA DOTD and Jefferson parish criteria. He prepared plans that included locations of all utilities affected by proposed construction, improvements to the bus stops and adjacent intersections. Improvements included enhancements for accessibility, safety and features needed to achieve ADA compliance. Work also includes required sidewalks, ADA ramps, crosswalks, signage, striping, boarding and alighting areas, benches, and shelters. He is performing all construction administration which includes contract administration, leading construction meetings, managing the resident inspector, reviewing contractor submittals, verifying contractor invoices, responding to requests for information (RFIs), performing independent cost estimates, preparing field change authorizations, preparing change orders, approves contractor's prep work prior to pouring concrete, and coordinates with bench/shelter vendor and the Parish.		

Prime consultant name: **ECM Consultants, Inc.**

02/20 – 4/24	RR3-City Park Group A, City of New Orleans – DPW New Orleans, LA: Mr. Foley served as Project Engineer performed construction administration for this project that involved complete reconstruction of 62 blocks of neighborhood residential roadways including subsurface drainage systems , and replacement of water and sewer systems as required. Work includes asphalt paving, PCC paving, new base, concrete curb, sidewalks, driveway aprons and ADA compliant ramps at roadway intersection. He performed all construction administration leading construction meetings, reviewing contractor submittals, verifying contractor invoices, responding to requests for information (RFIs), performing independent cost estimates, preparing field change authorizations, and preparing change orders.
08/19 – 10/21	West Bank Group B Street Improvements, City of New Orleans, LA. Mr. Foley provided engineering services for preliminary and final design plans for a designated list of streets to be enhanced in the West Bank regional area of New Orleans. The primary enhancements will include mill and overlay with full depth patching; other incidental road repairs will be required in certain sections of the project area.
04/14 – 06/15	West Metairie Avenue Restoration, Jefferson Parish, LA. Mr. Foley provided condition assessment, design, and construction documentation for the replacement of failed concrete panels, drainage structure repairs , and canal banks slope stabilization. Project Designer responsible for designing plans and calculating quantities.
10/17 – 07/19	Harrison Avenue Improvements, St. Tammany Parish, Covington, LA. Mr. Foley was a part of the project team conducting a feasibility study and subsequent design and construction administration of recommended improvements. Staff evaluated two proposed alternates for the reconstruction of Harrison Avenue and provided design services for a two-lane roadway with raised median, sidewalks, and subsurface drainage. Project Designer responsible for designing line and grade sheets.
01/17 – 07/19	Spartan Drive Shared-Use Path, City of Slidell, LA. Mr. Foley was a project engineer for the design of a shared-use path in Slidell, LA to be used by pedestrians and bicycles traveling between Salem High School and Fritchie Park. The path requires two large drainage structures. Design is in accordance with LADOTD specifications and provides construction management services. As a Project Designer he was responsible for design and plan preparation.
01/14 – 12/14	Highland-Burbank Connector, City of Baton Rouge/Parish of East Baton Rouge, LA. Mr. Foley was a project engineer for a detailed planning study and design of two alternatives for a new three-lane highway connecting Highland Road and Burbank Drive in Baton Rouge. He was responsible for the preparation of design study report.
06/14 – 07/15	US 61 Corridor Improvements, St. John the Baptist Parish, LaPlace, LA: Mr. Foley served as Project Designer and prepared preliminary and final plans, right-of-way plans , and special details for improvements along the US 61 Corridor in Laplace in St. John the Baptist Parish.
07/17 – 06/19	LA 931 at Roddy Road Roundabout, Ascension Parish, Gonzales, LA. Mr. Foley provided design services for a single-lane asphalt roundabout at the intersection of LA 931 and Roddy Road in Gonzales, LA. Services included preparing a roundabout report (crash analysis, cost-benefit analysis, traffic analysis, speed study, safety analysis), , subsurface drainage , preliminary and final design plans, specifications, special provisions, construction estimates, and engineering calculations. The design complied with state and federal guidelines. As project engineer, he performed design of roadway geometry , prepared plan and profile and typical sections for preliminary design plans and roundabout report.

Prime consultant name: **ECM Consultants, Inc.**

16. Staff Experience:			
Firm employed by Huval & Associates, Inc			
Name	Thomas M Gattle III, P.E.		Years of experience with this firm/employer
Title	Director of Engineering		Years of experience with other firm(s)/employer(s)
Degree(s) / Years / Specialization		BS/1998/ Civil Engineering (Structural)	
Active registration number / state / expiration date		30779/LA/Exp. 09/30/2025	
Year registered	2003	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		He will serve as Assistant Project engineer/ Assistant Resident Engineer and Civil Engineer for Road Construction. He will provide engineering support and oversee road construction activities. MPR #4.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
23 years of Experience	<i>Mr. Gattle has over 23 years’ experience in the design and management of roadway and bridge projects. Mr. Gattle has been instrumental in the design, production and overall management of projects for the LADOTD. These projects include performing Lead Design and Project Management of numerous Bridge Rehabilitation Retainer Contracts, LADOTD Bridge Inspection projects, and LADOTD Roadway Design Project. In addition, Mr. Gattle was the Lead Designer for numerous road and bridge design projects for the Lafayette Consolidated Government Projects. He has experience in roadway construction and bridge inspection</i>		
1/18 – 1/19	GNOEC Safety Bay Improvement CMAR – Assistant PM and Independent Cost Estimator (ICE) for the for the \$55 million Safety Bay Improvement CMAR Project, the first highway CMAR project in Louisiana. In the first use of CMAR processes using the DOTD’s CMAR Manual, Mr. Gattle assisted in the efforts of producing a detailed independent cost estimate for the contract items and review the CMAR Contractor’s schedule and cost model throughout each phase of design under the CMAR pre-construction phase. Additionally, constructability reviews and design comments were performed collaboratively with the CMAR design engineer, contractor, and Program Manager.		
9/14 – 5/19	I-10 Design Build (Highland to LA 73), S.P. H.009250 – HUVAL Project Manager for the RFP phase of this DB project that was awarded for construction with HUVAL as the lead bridge designer. Mr. Gattle led the bridge design team to develop innovative approaches for reconstruction of the Highland Road bridge to fit within the DOTD’s overall project budget of \$72 million. The HUVAL design team was the only one that was able to design the project to fit within budget. The project is currently under construction		
3/18 – Present	Louisiana DOTD, Belle Chasse Public-Private Project, Plaquemines Parish, Louisiana, Project No. H.004791 – Mr. Gattle provided roadway and bridge geometric design and layout for the RFP design phase of this proposed high-level fixed bridge and		

Prime consultant firm name: **ECM Consultants, Inc.**

	roadway approaches. Upon award of the project, Mr. Gattle is providing QC for roadway, drainage, and construction sequencing for the design plans.
9/18 – 6/19	Louisiana DOTD, Loyola Design Build I-10 Airport Interchange Design-Build Project, Jefferson Parish, Louisiana, Project No. H.011670 – Mr. Gattle led the geometric design team through the RFP design phase process for this very complex project. This included the merging of roadway geometrics and bridge span layouts to develop a combined alternative that accommodated three (3) direct flyover ramps connecting I-10 and a realigned Loyola Boulevard to provide direct access to the New Orleans International Airport terminal. .
08/18 – Present	Louisiana DOTD, I-220/I-20 Interchange IMP & BAFB Access Design-Build Project, Bossier Parish, Louisiana, Project No. H.003370 – Mr. Gattle is the Design Manager for this on-going Design-Build Project connecting I-220 and I-20 with the Barksdale Air Force Base in Bossier City, LA. In addition to Design Manager, Mr. Gattle was directly responsible for the awarded design concept and associated geometric layout of the proposed expanded interchange between I-20 and I-220.
03/14 – Present	I-49 South-US 90 Design Build, Albertson Pkwy to Ambassador - S.P. H.010620 - HUVAL Project Manager. Lead Designer on Geometric Layout and bridge design and construction services for the awarded Design Build Project.
08/09 – 06/15	Retainer Contract for Bridge Repair and Rehabilitation Services - Statewide, S.P. 700-99-0488 - Project Manager of Retainer Contract. Responsible for coordination, supervising inspection team, project setup and QA/QC of Task Orders totaling approximately \$8.75M over a 5-year period. Contract utilized multiple Subconsultants on all aspects of bridge design and inspection.
06/16-Present	I-49 South-Verot School Road Interchange, S.P. H.011235 (2016-Present) - HUVAL Project Manager and Prime Consultant Team Leader of roadway geometric design including traffic analysis while assisting with bridge design and construction services.
04/11 – 05/16	West Bank Expressway MacArthur Drive Interchange, S.P. H.002550.5 & H.009933.5 - As Project Manager and Lead Engineer, Mr. Gattle was responsible for Geometric/Span Layout Modifications and Structure Design. Mr. Gattle coordinated the survey efforts and the responsibilities of multiple Sub-consultants for the \$34M reconstruction project to provide additional ramps from the US 90B elevated roadway to the adjacent parallel frontage roads under tight timeframes.
06/07 – 11/11	Retainer Contract for Bridge Preservation (On-System) – Statewide, S.P. 700-99-0431 - Project Manager of Retainer Contract. Responsible for coordination, project setup, design and QA/QC of Task Orders. These Task Orders include multiple interchange and bridge designs for numerous intersections along the I-49 North corridor. Mr. Gattle designed the geometric layout for the overpasses and coordinated both survey and roadway design.
04/01-12/07	West Pont Des Mouton – Lafayette, LA - As Lead Design and Project Manager for the project, Mr. Gattle was responsible for the management, organization, design and preparation of bridge and roadway plans. This project converted a rural two-lane roadway into a portland concrete cement 4-lane divided urban arterial.

Prime consultant firm name: ***ECM Consultants, Inc.***

16. Staff Experience:			
Firm employed by ECM Consultants, Inc.			
Name	Neil Logan, P.E.		Years of experience with this firm/employer
Title	Senior Bridge Engineer		Years of experience with other firm(s)/employer(s)
Degree(s) / Years / Specialization		B.S. / 1961 / Civil Engineering	
Active registration number / state / expiration date		14607 / LA / 03/31/2025	
Year registered	1974	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Mr. Logan will serve as Assistant Project/ Assistant Resident Engineer for Bridge Construction projects. He meets MPR No. 5	
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).		
54 years of Experience	Mr. Logan has over 54 years of experience in structural design and construction administration of various types of bridge projects in Louisiana.		
06/09-09/12	USACE Contract No. W912P8-07-D-0055: Causeway Boulevard Overpass Complex, USACE-New Orleans District, Jefferson Parish, LA: Mr. Logan provided structural design services and engineering during construction for the North and South approaches for the overpass structure at Causeway Boulevard in Jefferson Parish for the U.S. Army Corps of Engineers. Work included design of approach slab, slab spans, piles and pile caps. Structural design was conducted using AASHTO Standard Specifications for Highway and Bridges.		
05/10-10/13	USACE Contract No. W912P8-07-D-0055: Duncan Canal Bridges, Kenner, LA: As senior structural engineer for this U.S. Army Corps of Engineers-New Orleans District Project, Mr. Logan designed two bridges north of the Duncan Canal Pumping Station as per AASHTO standards. Services included design and preparation of plans and specifications and engineering during construction. Design included piles, pile caps, pre-stressed concrete girders, concrete slab, concrete barrier, and wing walls. An innovative design of a 45' pre-stressed concrete girder span removable section instead of conventional steel section was used. A removable section was required for barge/barge crane access to the drainage pumping station.		
11/16 -8/18	West Metairie Bridge, Jefferson Parish, LA: Mr. Logan provided structural engineering services for this bridge replacement project. Scope of work for included preparation of construction documents, plans and specifications, for replacement of existing bridge on West Metairie Ave over Soniat Canal. The work included demolition of the existing bridge, design of 100 feet cast in place bridge with Quad Prestressed Concrete Beams, design of approach slabs and erosion protection as necessary. The analysis and design of the bridge is performed in conformance with the AASHTO LRFD Bridge Design Standards as well as the requirements of Louisiana LRFD Bridge Design Manual, Latest edition		
08/03-06/04	S.P. No. 700-29-0121: St. John Bridge over Bayou Lafourche, Lafourche Parish, LA: Mr. Logan provided structural engineering		

Prime consultant firm Name: **ECM Consultants, Inc.**

	services during construction for the replacement of an existing bridge with a 9x20' slab span bridge. The project involved hydraulic analysis; design; preparation of plans, specifications, and estimates (PS&E) for the removal of existing bridge; new pile foundation substructure; bridge superstructure; concrete barrier rails; asphalt roadway transition; striping; ripraps; and guardrail.
04/02-11/04	S.P. Nos. 713-59-0221 & 713-59-0222: Poplas Street Bridge over Coburn Creek & Noble Cemetery Road Bridge over Thomas Creek, Washington Parish, LA: Mr. Logan provided structural engineering design for pile foundation substructures for five span x 20' slab bridges conforming to both LADOTD and AASHTO standards for the Poplas Street Bridge over Coburn Creek and Noble Cemetery Road Bridge over Thomas Creek in Washington Parish for LADOTD. Additionally, Mr. Logan provided structural engineering services during construction.
01/01-10/02	S.P. No. 700-52-1029: Off-System Bridge Replacement-Fitzgerald Church Road Bridge, St. Tammany Parish, LA: Mr. Logan served as structural engineer for the bridge design and preparation of plans and specifications that included removal of the existing bridge, precast piles, cast-in-place concrete pile caps, cast-in-place bridge deck, concrete barrier rails, concrete approach slabs at bridge ends, asphaltic concrete roadway transitions, and guardrails.
03/77-12/77	Design for Lafayette-Opelousas Highway Bridges, LA: Mr. Logan provided structural engineering services for several concrete-prestressed concrete bridges on the Lafayette-Opelousas Highway including: LA 182 Overpass Bridge, LA 726 Overpass Bridge, LA-U.S. 167 Overpass Bridge, and Bayou Carencro Bridge on the Lafayette-Opelousas Highway, all conforming to AASHTO standards.
02/95-11/95	Design for Harrison County Bridges, MS: Mr. Logan provided structural engineering services for several concrete bridges in Harrison County, Mississippi including "Bridge A" over Branch Dedeaux Road, and "Bridge B" over Flat Branch Dedeaux Road.
01/92-10/92	Crossing over River Road, St. Charles Parish, LA: Mr. Logan provided structural engineering services and performed preliminary design of a pre-stressed concrete girder bridge crossing river Road in St. Charles Parish according to LA DOTD standards.
04/94-09/94	Structural Investigation of a Railroad Swing Bridge over Bayou Lacombe, St. Tammany Parish, LA: Mr. Logan performed structural inspection and investigation of the bridge and prepared a condition report with necessary repair upgrade recommendations.

Prime consultant firm Name: ***ECM Consultants, Inc.***

16. Staff Experience:			
Firm employed by Huval & Associates, Inc			
Name	Justin Peltier, P.E.		Years of experience with this firm/employer
Title	Civil Engineer		Years of experience with other firm(s)/employer(s)
Degree(s) / Years / Specialization		BS/2005/ Civil Engineering	
Active registration number / state / expiration date		34765/LA/Exp. 09/30/2025	
Year registered	2009	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Civil Engineer for Bridge Construction (Fixed Bridges). He will provide engineering support as Assistant Project engineer. MPR #5.	
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).		
16 years of experience	<p><i>Mr. Peltier joined Huval & Associates in 2013 with 8 years of experience in civil engineering. Previously employed with LADOTD, he was involved with the design, live load rating, plan development, and construction support of more than 20 bridge replacement projects. These consisted of various superstructure and substructure types including but not limited to: AASHTO girders, quad beams, cast-in-place slab spans, precast slab spans, steel girders, concrete box culverts, prestressed precast concrete pile bents, steel H-pile and pipe pile bents, timber pile bents and column bents supported by drilled shafts and/or pile footings. Mr. Peltier assisted in developing and maintaining LADOTD’s highway safety hardware details and specifications, including but not limited to guard rail, barrier rail, and crash cushion attenuators. He served as the Engineer of Record for the LADOTD concrete barrier rail and the detour bridge special details. Mr. Peltier’s training includes the NHI LRFR for Highway Bridge Superstructure Course, the NHI AASHTO LRFD for Highway Bridge Superstructure Course, the NHI AASHTO LRFD for Highway Bridge Substructure Course, the Roadside Design Course.</i></p>		
1/2018-Present	<p>GNOEC Safety Bay Improvement CMAR (Program and Project Management Services) Serves as the assistant Project/Program Manager (PM) for the for the \$55 million Safety Bay Improvement CMAR Project, the first highway CMAR project in Louisiana. Under this contract, Mr. Peltier assisted with PM efforts by leading the Engineer, Contractor, ICE, and GNOEC through the CMAR pre-construction phase to arrive at the chosen design for the project. Mr. Peltier also assisted in the preliminary evaluation of GNOEC’s program, schedule and construction budget requirements. He was also responsible bridge plan and constructability reviews and consulting with GNOEC when conflicts were found during the design phase that could adversely affect construction or the project schedule.</p>		
06/14-Present	<p>US 90 (I-49South) Design Build, Albertson’s Parkway to Ambassador Caffery, Lafayette Parish, S.P. No. H.010620. Served as the lead bridge engineer for the new US 90 bridge over Albertson Parkway and provided Q.C. for the US 90 BNSF RR overpass bridge within the same footprint as the existing bridge while maintaining 4-lanes of US 90 traffic during construction. This presented unique design challenges and required a complex, three-phase, traffic control and construction sequencing plan to move traffic safely through the tight work zone. The bridges consisted of multi-continuous prestressed precast concrete girders spans supported by concrete column bents and pile footings. The developed design concept saved millions of dollars and allowed the James Team to be 15% below the construction estimate of the nearest competitor.</p>		

7/17-Present	I-10: Highland Road to LA 73, Design Build Project, East Baton Rouge & Ascension Parish, S.P. No. H.009250. Served as the lead bridge engineer for the widening of the I-10 E.B. and W.B. slab span bridges over Manchac Bayou and provided Q.C. for the replacement of the I-10 E.B. and W.B. bridges over Highland Road with a new steel plate girder bridge with prestressed precast concrete girder approach spans. The existing I-10 mainline bridge at the Highland Road interchange needed to be reconstructed under the project to provide longer spans in addition to more lanes. An innovative sequence of construction scheme and bridge design enabled construction of this bridge while maintaining 74,000 ADT traffic. Huval's cost-effective designs enabled its design-build team to be the only competitor to fit within the Owner's budget of \$72 million.
10/16-12/17	LA 443: Tangipahoa River Bridge Replacement, S.P. H.012728 - Lead engineer in the LRFD design, LRFR load rating, and plan preparation of a LG-25 and LG-36 prestressed precast concrete girder bridge. This was an emergency replacement and 100% final plans were completed in 8 weeks.
07/13 – 07/14	Bayou Lafourche Bridge on U.S. 80, Ouachita & Richland Parish, S.P. No. H.000174. Served as the lead bridge engineer for the replacement of the existing bridge over Bayou Lafourche with a new prestressed precast concrete girder bridge. This project was selected as research project to be part of FHWA's Everyday Counts Initiative to promote accelerated bridge construction (ABC) techniques. In lieu of using a cast-in-place concrete deck, full depth precast concrete deck panels were selected as the detail to promote ABC. As part of the Initiative, a proprietary post tensioning system, AccelBridge, was chosen as the method used to apply the required compression to the transverse deck panel joints before they were made composite with the prestressed precast concrete girders.
04/11 – 07/12	KCS Railway Overpass on LA 175, Desoto Parish, S.P. No. H.001073. Served as the lead bridge engineer for the replacement of the existing bridge over the KCS RR with a new prestressed precast concrete girder bridge. Providing a long span structure to completely clear the RR R/W was not feasible and required substructure elements to be placed and constructed within the KCS R/W. This presented many design challenges due to the strict requirements of the RR for structures that are placed within their R/W. Close and constant coordination was necessary with KCS to achieve and design which met both the LADOTD and KCS RR requirements. The project also required a custom designed steel Acrow Panel detour bridge that was located north of the existing structure to maintain through traffic and had to meet all the requirements of the RR.
02/13 –09/14	Dolet Hill Lignite Company, Bayou Pierre Crossing - Construction and Design engineer in the LRFD design and plan preparation of a BT-72 girder bridge. In addition to the HL-93 design live load, the bridge was also designed to carry two CAT 785D mining trucks with a GVW of 550 kips each. Responsible for structural design, project inspections, change orders, weekly project logs and construction specification clarifications.
03/18-Present	Grove Blvd. Over Ward Creek – Construction and Design Engineer for the design build of a new 8 span quad beam bridge over Ward Creek in East Baton Rouge Parish as part of the new Ochsner Development. Responsible for structural design, project inspections, contractor invoice approvals, change orders weekly project logs and construction specifications.

16. Staff Experience:			
Firm employed by Huval & Associates, Inc			
Name	Matthew Hebert, P.E.		Years of experience with this firm/employer
Title	Civil Engineer		Years of experience with other firm(s)/employer(s)
Degree(s) / Years / Specialization		BS/2008/ Civil Engineering	
Active registration number / state / expiration date		37713/LA/Exp.09/30/2025	
Year registered	2013	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Civil Engineer for Bridge Construction. As an Assistant Project engineer, he will perform Bridge Design reviews, bridge Ratings, Constructability reviews and construction engineering support services. MPR #5	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s)		
12 years of experience	<p><i>Mr. Hebert joined Huval & Associates, Inc. in 2013 with 5 years’ experience in civil engineering. Previously employed with LADOTD, he was involved with the design, live load rating, plan development, and construction support of more than 20 bridge replacement projects. These consisted of various superstructure and substructure types including but not limited to: AASHTO precast prestressed concrete (P.P.C.) girders, quad beams, cast-in-place slab spans, precast slab spans, concrete box culverts, P.P.C. pile bents, steel H-pile bents, and pipe pile bents.</i></p> <p><i>Additionally, Mr. Hebert was project manager for multiple bridge replacement projects. His responsibilities included coordinating all aspects of the plan development process including but not limited to road, bridge, hydraulic, and geotechnical engineering and determining the project scope, schedule, and budget. Mr. Hebert’s training includes the NHI LRFR for Highway Bridge Superstructure Course, the NHI AASHTO LRFD for HWY Bridge Superstructure Course NHI AASHTO LRFD for Highway Bridge Substructure Course, and the NHI AASHTO Roadside Design Course.</i></p>		
02/17-Present	I-10 Widening-I-49 to LA 328, S.P. No. H.003003 – Lead Engineer for I-10 Widening Construction Services. Tasks include crane trestle design, cofferdam/sheeting design/calculations for bent footings, girder stability calcs., girder erection plans, cap/span formwork, overhang form design and temporary girder bracing, gantry crane analysis.		
02/17-Present	I-10 Design Build-LA 42 to LA 73, S.P. No. H.009250 - Lead Engineer for the LRFD design, plan preparation, and LRFR live load rating for the Highland Rd. overpass. Highland Rd. consisted of a full replacement of 2 existing structures utilizing a 3-span structure which included 2-60ft. prestressed girder spans and 1-190ft. steel plate girder span. The superstructure is support by column bents and pile bents and will be one structure at the end of the project. In order to maintain traffic, the bridge had to be constructed in 3 separate stages.		
9/18 – 6/19	Loyola Design Build I-10 Airport Interchange, Jefferson Parish, Louisiana, Project No. H.011670 Mr. Hebert was a primary bridge engineer throughout the RFP design phase for this complex urban interchange. A new interchange was designed and superimposed onto the existing Diamond interchange to provide director connector access to the new New Orleans International Airport terminal.		

3/18 – Present	Belle Chasse Public-Private Partnership Project, Plaquemines Parish, Louisiana, Project No. H.004791-- Mr. Hebert was the Bridge Design Lead throughout the RFP design phase for this new high-level fixed bridge over the Intracoastal Waterway. The new bridge will replace the existing moveable bridge and tunnel system. This is the first highway public-private partnership project in Louisiana. HUVAL's team was selected for the project with design/construction scheduled to begin in late 2019.
09/13 –12/14	I-10: Ramah to West Baton Rouge Parish Line, H.010318 - Lead Engineer for the plan preparation of the replacement of 4 approach slabs on I-10.
04/14– 07/18	I-40-Blackfish & Shell Lake STR. & Approaches S.P. No. BB0113 & BB0114 – Lead Engineer for steel girder erection. Tasks included cofferdam, trestle and formwork design. Mr. Hebert also performed analyses of the existing bridges, so crawler cranes could work off of the structures to build the new bridge.
08/13-07/18	Off-System Live Load Bridge Ratings, - Lead engineer for the inspection and LRFR live load ratings of over 100 off-system bridges throughout Louisiana. Bridge types include timber trestles, cast-in-place and precast slab spans, vertical lifts, steel pony truss swing spans, steel stringer spans, steel railroad cars, concrete box culverts and p.p.c. girders.
04/14-07/18	I-49 South-US 90 Albertson Pkwy to Ambassador Design Build, H.010620– Lead Engineer for LRFD Bridge design and plan preparation of the mainline bridge and the two frontage road bridges over BNSF Railway. The bridges consisted of BT-72 girder spans with column bents and pile footings.
05/15 – 11/15	Sasol North America, Inc., Heavy Haul Route– Lead Engineer for the LRFD Bridge Design and plan preparation of an AASHTO Type 3 & BT-72 girder bridge with column bents and pile footings Over KCS Railway.
(07/13-07/14	Bayou Lafourche Bridge On U.S. 80, S.P. H.000174- Assisted in the LRFD design and plan preparation for an AASHTO Type 3 girder bridge with full-depth precast concrete deck panels.
02/13-9/14	Dolet Hill Lignite Company, Bayou Pierre Crossing (2013-2014) - Assisted in the LRFD design and plan preparation of a BT-72 girder bridge. In addition to the HL-93 design live load, the bridge was also designed to carry two (2) CAT 785D mining trucks with a GVW of 550 kips each.
05/16-04/17	LA 70: Mississippi River Bridge-Phase III, S.P. No. H.012343 - Assisted Lead engineer for the rehabilitation of the approach spans super and substructure. Including finger joint replacements, girder splice repairs and trestle bent repairs.
06/08-07/13	Project-Related Experience with LADOTD: <ul style="list-style-type: none"> • LA 941 Over I-10 Girder Repair, S.P. 803-27-0007– Lead Engineer in the design and plan preparation for the replacement of two damaged AASHTO Type 4 girders. • Bayou Lacassine Bridge, S.P. H.002071 – Lead engineer for the LRFD design for an AASHTO Type 3 girder bridge. • Burney Branch– Lead Engineer for the LRFD design and plan preparation for an AASHTO Type 4 girder bridge. • KCS Railway Overpass on LA 175, S.P. H.001073– Assisted in the LRFD design and plan preparation for an AASHTO Type 2 & 3 girder bridge and LRFD substructure design for an ACROW panel detour bridge

16. Staff Experience:				
Firm employed by Gresham Smith				
Name	Julian Bordelon, P.E.		Years of experience with this employer	6
Title	ITS / Street Lighting / Electrical Engineer		Years of experience with other employer(s)	2
Degree(s) / Years / Specialization		Bachelor of Science / 2018 / Electrical Engineering, Louisiana State University		
Active registration number / state / expiration date		P.E. 0047473 / LA / Exp. 9/30/25		
Year registered	2023 (LA)	Discipline	P.E./Electrical	
Contract role(s) / brief description of responsibilities		ITS / Street Lighting / Electrical Engineer / Julian will support the ITS / Street Lighting / Electrical Engineering portions of this project During Construction tasks. MPR #6.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
8 years of experience	<i>Certifications: DOTD Traffic Engineering Analysis Process & Report – Modules 1, 2 and 3 American Traffic Safety Services Association –Traffic Control Supervisor, LA State Specific</i>			
11/22 – Ongoing	LADOTD, CEI H.013256, Scott to Lake Charles ITS, CEI, Lake Charles, LA <i>Project Engineer</i>. Gresham Smith is providing Construction Engineering Inspection Services, including a Project Engineer, on-site daily/nightly inspection and technical construction inspection, throughout the course of construction. Julian is assisting in contract administration, inspection and testing oversight.			
10/20 – Ongoing	MDOT ITS, Meridian ITS Design, Meridian, MS <i>TSM&O Engineer</i>. Gresham Smith is developing a system engineering analysis, ITS design plans, and specifications for I-59/I-20 between the I-59 @ I-20 interchange and the Mississippi state line. The project will install new ITS equipment including fiber, electrical systems, cabinets, camera poles, Dynamic Message Sign (DMS) structures, and a communications hub. Julian performed system engineering analysis, ITS design, voltage drop calculations, plans preparation, and field reviews.			
12/18 – 5/24	LADOTD, LCG Adaptive Traffic Signal Design and Implementation, Lafayette Parish, LA <i>Pre-Professional</i>. Julian is responsible for field verification of traffic signal inventory (TSI) of LCG system, design plans for adaptive signal control intersections, and integration when the system is completed.			
1/19 – 3/24	LADOTD, CEI H.011500.6, Lake Charles Phase 3 ITS, CEI, Lake Charles, LA <i>Pre-Professional</i>. Gresham Smith is providing Construction Engineering Inspection Services, including a Project Engineer, on-site daily/nightly inspection and technical construction inspection, throughout the course of construction. Julian assisted in contract administration, inspection and testing oversight.			
12/18 – 10/22	TDOT, ITS Design Support Services WO#7: I-40 Nashville ITS Expansion, Nashville, TN <i>ITS Systems Specialist</i>. Julian is assisted with the electrical design and voltage drop calculations and back checking of plans.			
2/20 – 8/22	KYTC, I-Move Design-Build, Jefferson and Oldham Counties, KY <i>Pre-Professional</i>. The project includes the ITS design for CCTV cameras and Dynamic Message Signs (DMS) along I-265, I-71 and I-64 in Jefferson and Oldham Counties. Julian is assisting in the development of the typical details and plans preparation.			
1/19 – 12/22	LADOTD, ITS CE&I IDIQ, Task Order #2 & ITS CEI WO #4: Fiber Optic Mapping & Management, Ascension, East Baton Rouge, West Baton Rouge, Livingston, Terrebonne, Lafayette, Pointe Coupee, St. Landry and Rapides Parishes, LA <i>Pre-Professional</i>. Gresham Smith was tasked with expanding the Fiber Optic Mapping & Management system to various parishes. Julian was responsible for data entry, document development and quality control.			

Prime consultant name: **ECM Consultants, Inc.**

1/21 – 4/22	GDOT, ITS Design: I-285 @ I-20 East Interchange Design Build, Atlanta, GA <i>Pre-Professional</i>. Gresham Smith developed design plans along with specifications and cost estimates for the I-285 @ I-20 ITS project. The project removed existing ITS equipment and installed new ITS equipment including fiber, electrical systems, cabinets, camera poles, Dynamic Message Sign (DMS) structures, and connections to existing communications hubs. Julian assisted with ITS design, voltage drop calculations, and plans preparation.
3/20 – 3/22	MDOT, SR601 ITS Design, Gulfport, MS <i>ITS System Specialist</i>. Gresham Smith developed system engineering analyses, ITS design plans, and specifications for two sections of the new SR601 between I-10 and 11th Street. The project installed new ITS equipment including fiber, electrical systems, cabinets, camera poles, Dynamic Message Sign (DMS) structures, Bluetooth detection, radar detection, a communications hub, and a highway advisory radio. Julian performed system engineering analysis, ITS design, voltage drop calculations, and plans preparation.
2/18 – 9/21	LADOTD, ITS CEI Retainer, Signal Communications Upgrade Phase 1, CEI, Various, LA <i>Pre-Professional</i>. Gresham Smith is providing Construction Engineering Inspection Services, including a Project Engineer, on-site daily/nightly inspection and technical construction inspection, throughout the course of construction. Julian assisted with construction contract administration, field investigations, integration and testing, and construction inspection.
12/18 – 6/21	TDOT, ITS Design Support Services WO#8: Cumberland Plateau I-40 ITS Expansion, Cookeville, TN <i>ITS Systems Specialist</i>. Julian is assisted with the electrical design and voltage drop calculations and back checking of plans.
12/18 – 1/19	LADOTD, ITS Design & Implementation WO #6: Fiber Optic Mapping & Management, Statewide, LA <i>Pre-Professional</i>. For the statewide implementation of the Fiber Optic Mapping and Management System (NexusWorx), Julian was responsible for data entry, document development and quality control. This phase of the project included Tangipahoa, St. Tammany, St. John, and Orleans parishes and the Shreveport and Houma regions.
8/23 – Ongoing	City of Helena - Train Detection System, Helena, AL <i>Project Engineer</i>. Gresham Smith is designing and developing a train detection system and mobile app for three railroad crossings in Helena. Julian is responsible for device configuration, electrical design, site detailing, voltage drop calculations, and field reviews.
1/22 – Ongoing	MovEBR - ATMC & VDMS, Baton Rouge, LA <i>Project Engineer</i>. Gresham Smith performed a system engineering analysis to develop a redesign of the East Baton Rouge Traffic Engineering Office and the initial design of the East Baton Rouge Video Distribution Management System. Julian assisted with the system engineering analysis, stake holder workshop, concept of operations, high level design, and beta testing of the VDMS webpages.
9/20 – Ongoing	Jefferson Parish - Train Detection System, New Orleans, LA <i>ITS Systems Specialist</i>. Gresham Smith performed a system engineering analysis and concept of operations to develop a train detection system. Julian is responsible for developing the background functionality of train location prediction to send to the smart phone application.
12/18 – Ongoing	LA OTS, LADOTD, Video Distribution Management System (VDMS), Baton Rouge, LA <i>Pre-Professional</i>. Julian is providing ITS systems software maintenance and software development support for the statewide VDMS system which includes Baton Rouge, Houma, New Orleans and Shreveport.

Prime consultant name: ***ECM Consultants, Inc.***

16. Staff Experience:			
Firm employed by – Huval & Associates, Inc			
Name	Malcolm Huval, P.E.		Years of experience with this firm/employer
Title	Civil Engineer		Years of experience with other firm(s)/employer(s)
Degree(s) / Years / Specialization		BS/08/1965/ Chemical Engineering	
Active registration number / state / expiration date		12413/LA/ Exp. 03/31/2026	
Year registered	1970	Discipline	Chemical Engineering
Contract role(s) / brief description of responsibilities		Professional Engineer for Mechanical Construction. He will serve as Assistant Project engineer and will provide support for mechanical construction work related to movable bridges. MPR #7	
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).		
55 years of experience	<i>Mr. Huval is a Professional Environmental and Chemical Engineer. He has spent the past 26 years working with Huval & Associates, Inc., preparing Bridge and Roadway Specifications and performing Inspections for LADOTD, Lafayette Consolidated Government and Petrochemical Industrial projects. He provides electrical, mechanical and chemical/specialty background to our Projects as well as overall project execution, means and methods, design compliance and constructability reviews for the Firm and Contractors.</i>		
07/17-Present	Theriot Bascule Bridge - Terrebonne Parish- Inspected and developed the plans for the Refurbishment Design of Electrical and Mechanical Systems and Structures for the single leaf bascule bridge.		
10/11-12/13	St. Ann Swing Span Bridge - Terrebonne Parish, Louisiana, S.P. 700-55-0107 Responsible for the Mechanical, Electrical and Hydraulic Design for the swing span bridge crossing Bayou Terrebonne.		
01/16-12/17	Seabrook Strauss Heel Bascule Bridge Repairs - New Orleans, LA - Provided construction services for the contractor related to the installation, adjustment, and testing of the movable bridge machinery which included a span and counterweight balance spreadsheet designed to keep track of the span-counterweight imbalance and the location of the center of gravity during the removal and installation of the bottom cord, floor beams, stringers, gusset plates, wind bracing, and rail sections.		
03/14-Present	Harvey Canal Bascule Bridge at 4th Street, Harvey, LA - Provided construction services for the contractor related to the installation, adjustment, and testing of the movable bridge machinery. Developed details and specifications for the installation sequence of the curved tread and flat track segments for the rolling lift bascule bridge. Provided QA/QC for the contractor to ensure that the mechanical work is completed according to the contract plans and specifications.		
03/11-12/11	Bridge Recovery and Rehabilitation – St. Martin Parish Butte Larose Pontoon Bridge - Performed the inspection of this pontoon bridge that had overturned due to high water. He assisted and supervised the salvage/recovery effort. The mechanical & electrical operating systems were refurbished, and the bridge returned to service.		

Prime consultant firm name: **ECM Consultants, Inc.**

05/08 – 09/09	US-11/Caminada Bay Bridge - Specialty composite evaluation and specifications, corrosion and concrete failure analysis and recommendations.
(03/11-10/13)	I-10 Overcoating, Overpass Bridges and Joint Seal Repairs, Route I-10 Statewide, S.P. H.009319.5 - Prepared specifications for the sandblasting and/or hydro blasting of existing surface to near-white finish for 13 overpass bridges along I-10. Also prepared painting specifications to coat existing surface with an organic zinc-rich system per LADOTD specifications for 13 overpass bridges along I-10.
(07/97 –11/02)	US-11 Bridge Rehabilitation S.P. 018-02-0048 - Project Coordinator for design effort on this double-bascule bridge rehabilitation project. Mr. Huval performed a complete Electrical System Redesign on the historic outdated bridge. He also developed a scheme to unload the bascule trunnions to rejack and relocate the out-of-plane span. The span was then rebalanced under Malcolm's Supervision.
(10/99– 05/00)	Acadia Multipurpose Arena – Crowley, LA - Performed a Corrosion Inspection and study on this rodeo arena. The purlins were severely corroded, and the roof was failing in the open exposed area. Malcolm was able to recognize and evaluate the root-problem and redesign a new steel and paint system for the harsh environment. A new bay was also designed and added to the arena to enlarge the area.
(02/01-10/01)	Cross Lake Bridge Drainage Study S.P. 700-09-0156 - Technically oversee and evaluate failure mechanism for full-length bridge drainage conduit. Developed special plans and specifications for composite and epoxy repair project
(05/02-11/06)	Louisa Bascule Bridge – St. Mary Parish, Louisiana, S.P. 239-01-0077 - Lead Engineer for Final Inspection and Reviews of Double Leaf Bascule Spans and mechanical equipment commissioning of the Intracoastal Waterway, LA 319 Bascule Bridge at Cypremore Point.
(01/02 – 06/05)	Luling Bridge Rehabilitation – St. Charles Parish, Louisiana, S.P. 700-99-0249 - Lead Engineer/Inspector on the evaluation and study of the deck/roadway problems on this cable-stayed bridge. He has designed several roadway test sections and has overseen the construction of each test section. Currently, asphalt, concrete, and epoxy resin composite sections are being tested. The main expansion joints have closed and have been inspected and redesigned. Malcolm worked with the joint manufacturer to develop the joint repair procedure.
(09/05-09/06)	Hurricane Evacuation – Movable Bridge Rehabilitation (2005 – 2006) - Prepared repair plans for movable bridges affected by Hurricane Katrina. This included structural design, movable machinery and electrical coordination to the following movable bridges: East Pearl River, West Pearl River, Superior Canal, Grand Chenier, Humble Canal, Little Prairie and Bayou Tigre.
(02/09-11/09)	Bayou Lafourche (Raceland) - Prepared Repair Plans for vertical lift bridge in Lafourche Parish. This included structural, movable bridge machinery and electrical design.

Prime consultant firm name: **ECM Consultants, Inc.**

16. Staff Experience:

Firm employed by ECM Consultants, Inc.				
Name	David Waller		Years of relevant experience with this employer	12
Title	Lead DOTD certified Construction Inspector		Years of relevant experience with other employer(s)	15
Degree(s) / Years / Specialization			High School	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			Mr. Waller will serve as Lead Inspector for bridge and road construction for this contract.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
27 years of experience	<i>Mr. Waller has 27 years of experience in performing construction inspection of roads and bridges, drainage and utilities construction projects involving monitoring and documenting all construction activities for conformance with plans and specifications and documenting daily activities in SiteManager data base.</i> <i>He has the following LADOTD certification:</i> <ul style="list-style-type: none">• <i>Structural Concrete inspection</i>• <i>Asphalt Paving Inspection</i>• <i>PCC Paving Inspection</i>• <i>Embankment and Base Course Inspection</i> <i>He also has the following certifications:</i> <ul style="list-style-type: none">• <i>ATSSA Work Zone Traffic Control Flagger, Technician & Supervisor</i>• <i>FWHA-NHI-130055 Safety Inspection of In-Services Bridges, and</i>• <i>OSHA-10</i>• <i>Certified Drone Pilot</i>			
06/18 - 09/20	S.P. No. 009250, I-10: Highland to LA 73 Design-Build Project, LADOTD, East Baton Rouge/Ascension Parish, LA: Mr. Waller served as Lead Inspector for this \$72 million design-build project to widen I-10 from four to six lanes in both east and westbound directions, add deceleration and acceleration lanes at the Highland Road and LA 73 interchanges, roadway lighting replacement, and bridge modifications including replacing I-10 bridge over Highland Road, widening and rehabilitating I-10 bridge over Bayou Manchac, increasing the vertical clearance and rehabilitating LA 928 over I-10, and replacing I-10 over LA 73.			
06/18 – 10/19	S.P. H.012420.6 I-110 Interchange Modifications at Terrace, Baton Rouge, LADOTD: Mr. Waller provided CE&I services for this \$8.80 million I-110 Terrace Ave Interchange project that will provide connectivity from I-110 southbound to the existing I-10 eastbound at the Washington Street exit. The project consists of an exit ramp that was constructed on the left side of I-110 southbound allowing traffic to exit onto Terrace Ave. Nineteen (19) drill shafts was installed that included 6-24” shafts, 2-36” shafts, 2-48” shafts and 9-96” shafts ranging in length from			

Prime consultant name: **ECM Consultants, Inc.**

	55' to 102'. Additionally, this project included a widening of the I-110 southbound roadway span, installation of new Hwy guide signage and camera equipment.
06/18 -07/19	State Project No. H.010661.6-2 N. Flannery/Firewood/Cloverland Bridges, East Baton Rouge Parish, LA: Mr. Waller is providing construction inspection services for the replacement of three bridges in East Baton Rouge Parish. He was responsible for monitoring, documenting and reporting construction activities for conformance with plans and specifications, keeping track of materials used, recording personnel and equipment on site, and filling out a daily report.
02/14-09/16	S.P. No. H. 0106059: Rafe Meyer Bridges in Baker, LA for LADOTD: Mr. Waller provided construction inspection for this project involving demolition and construction of two off-system bridges for LADOTD in East Baton Rouge Parish. This project includes precast concrete pile driving, cast-in-place concrete bents, decks, approach slabs and asphaltic concrete roadway transition . He provided inspection for asphalt paving as a LADOTD certified inspector in addition to other inspection services .
02/08-08/10	S.P. No. 817-08-0023: Joor Road; Baton Rouge, LA: Mr. Waller provided construction inspection services for this project that involved the widening of Joor Road from two lanes to five lanes. The project included asphalt concrete paving, Portland concrete cement paving, drainage, sewer, and utility relocations. He served as the primary construction inspector and safety person on site, prepared work reports, estimated quantities, ensured smooth and efficient operations of technician and/or consultant personnel.
03/09-08/11	S.P. No. 817-41-0008: O'Neal Lane, LADOTD; Baton Rouge, LA: Mr. Waller provided construction inspection services for this project that involved construction of three miles of new concrete cement roadway . The project included relocation of sewer and new tie-ins, drainage, and utilities relocation. He served as the primary construction inspector and safety person on site, prepared work reports, estimated quantities, ensured smooth and efficient operations of technician and/or consultant personnel, etc.
02/10-04/11	S.P. No. 737-99-1059: I-12 Ramp Meters; Baton Rouge, LA: Mr. Waller provided construction inspection services for this project that involved the installation of ramp meters along I-12. He served as the primary construction inspector and safety person on site, preparing work reports and estimated quantities.
04/10-06/11	S.P. No. 257-04-0025: West Lee and Burbank; Baton Rouge, LA: Mr. Waller provided construction inspection services for this project that involved the construction of turn lanes at the intersection of West Lee and Burbank. The project included Portland concrete cement paving, drainage, sewer, and utility relocations. He served as the primary construction inspector and safety person on site, prepared work reports, estimated quantities, ensured smooth and efficient operations of technician and/or consultant personnel, etc.
08/11-12/09	S.P. No. 255-30-0013: Wax Road; Baton Rouge, LA: Mr. Waller provided construction inspection services for this project that involved the widening of Wax Road and the addition of turning lanes. The project included asphalt concrete paving, drainage, sewer, and utility relocations. He served as the primary inspector and safety person on site, prepared work reports, estimated quantities, ensured smooth and efficient operations of technician and/or consultant personnel, etc.

Prime consultant name: **ECM Consultants, Inc.**

16. Staff Experience:

Firm employed by ECM Consultants, Inc.			
Name	Jesse Carraway		Years of relevant experience with this employer
Title	DOTD Certified Lead Inspector		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		High school Diploma	
Active registration number / state / expiration date		NA	
Year registered		Discipline	NA
Contract role(s) / brief description of responsibilities		Mr. Carraway will serve as Lead Inspector.	
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).		
18 years of experience	<p><i>Mr. Carraway has over 18 years of experience in construction inspection services, as a certified engineering technician and senior inspector working for LADOTD. He has provided construction inspection for many bridges, roadways, and drainage projects in area of District 61. He has the following certifications:</i></p> <ul style="list-style-type: none"> <i>LADOTD Asphalt Paving Inspector</i> <i>LADOTD Embankment and Base Course Inspector</i> <i>LADOTD Structural Concrete Inspector</i> <i>LADOTD PCC Paving Inspector</i> <i>LADOTD Authorized Profilograph Evaluator PCC Paving</i> <i>LADOTD Authorized Density Tester, and</i> <i>ATSSA Certified Traffic Control Supervisor and Flagger.</i> 		
12/22 -present	<p>LA 1: Leeville to Golden Meadow (Phase 2): Mr. Carraway is serving as Lead Inspector for this \$463 million Construction project that includes an 8.63 Mile long Concrete and Steel Structure elevated highway over the marshlands between the town of Leeville, LA and Golden Meadow, LA. The project is being constructed by “Top-Down” method of construction where a moveable temporary steel support bridge is built and occupied by the Contractor’s construction equipment, while the permanent concrete bridge is built below. The temporary steel support bridge is approximately 2,000 foot in length and will advance forward as the concrete bridge is built below. Construction for this elevated highway involves building the temporary steel support bridge to support all construction equipment; permanent concrete pile driving; installation of precast concrete pile caps; installation of precast concrete girders; pouring of concrete decks, concrete barrier rails and surface roadway both asphaltic concrete and PCC paving.</p>		
03/11-12/13	<p>US 190: Left Turn lanes at LA 77 and LA78/LA411: Mr. Carraway provided construction inspection services as Lead LaDOTD inspector for this \$4.8 million project that consisted of a two-phase construction of the bridge and connecting roadway in the city of Liviona. Mr. Carraway maintained project DWRs, sampling and testing requirements, completed the 2059 report and prepared the as-builts for the project engineers signature at the close of the project.</p>		
10/16-09/17	<p>LA 1: LA75 to US 190 Concrete Patching and Striping: Mr Carraway provided the construction inspection as the lead certified inspector on this \$3.1 million LaDOTD project. The project included the full depth patching of jointed concrete pavement and installing new striping on the length of the project. Mr. Carraway maintained project DWRs, all sampling and testing, and daily quantities. He compiled and completed the 2059 report and prepared the As-builts fro the project engineer’s signature.</p>		

Prime consultant name: **ECM Consultants, Inc.**

09/15-02/16	LA 417 and LA 982: Stabilize and overlay: Mr. Carraway provided construction inspection services as Lead LADOTD inspector for this multi control section \$5.6 million project that involved cement treated base course, asphalt paving and related work. Mr Carraway completed work reports, sampling and testing, 2059 report, and prepared the as-builts for the Project Engineer's signature for this project.
01/16-10/17	LA 404: Bayou Choctaw Bridge: Mr. Carraway served as the senior technician on this \$2.6 million LADOTD project. The scope of this project included building a temporary bridge and roadway, the construction of a new flat deck bridge, and connecting roadway along with related work. Mr. Carraway's duties on this project included monitoring construction activities for conformance with contract plans and specifications, reviewing Headlight DWRs, reviewing samples, compiling and completing the 2059 report and as-builts.
08/11-02/12	LA 1: LA 75 to Port Allen Canal Bridge: Mr. Carraway has provided Inspection as senior technician and as lead technician services for this \$9.1 million project that consists of milling, asphalt overlay, concrete patching, and related work. He was responsible for inspecting contractors' works, completing project DWRs, maintaining sampling and testing documents for the 2059, and documenting changes of the plans for the as-builts.
04/12-07/13	US 190: Rougon Road - to .5 miles west of LA 978: Mr. Carraway served as senior technician for this \$18.0 million ongoing LADOTD project involving the new construction of turn lanes at LA 978, asphalt paving and guard rail replacement. In addition to other inspection services, Mr. Carraway reviewed Headlight DWRs and maintains 2059 documentation.
08/12-12/13	LA 411 and LA 413 Patch, mill, overlay: Mr. Carraway served as the Lead LADOTD inspector for this \$11.8 million project that consisted of multiple control sections on two separate routes. A section of LA 413 consisted of subbase lime treatment and the entirety of LA 413: from LA 416 to LA 76, consisted of a cement treated base course with four inches of asphalt and cross drain extensions and replacement where required. One section of LA 413, La 416 to Flynn Road, it was decided to add an additional 2-4 inches of asphalt due to heavy truck traffic the area experiences. LA 411 consisted of milling, leveling to bring the super elevation of the curves within specification, and four inches of asphalt. In addition to the inspection Mr. Carraway completed site manger DWRs, made sure that the sampling and testing requirements were met, put together and completed the 2059 report, and prepared the as-builts.
12/13-10/14	LA 1 Port Allen Bridge. INT Repairs (HBI): Mr. Carraway served as senior technician on this \$3.5 million LA DOTD project. The project included hydro blast demolition of the existing joints, and the replacement of the joint with a high early concrete. Mr. Carraway served as senior technician to the engineer intern over the project. His other duties were to assist the engineer intern in the completion of the 2059 report and the preparation of the as-builts.

16. Staff Experience:

Firm employed by ECM Consultants, Inc.			
Name	Kim Martinez		Years of relevant experience with this employer
Title	Lead DOTD Certified Inspector		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		High School Diploma	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Ms. Martinez will serve as a Lead Inspector for this contract.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
31 years of experience	<p>Ms. Martinez has 31 years of experience in performing construction inspection of roads and bridges, drainage and utilities construction projects involving monitoring and documenting daily construction activities for conformance with plans and specifications and documenting daily activities in Site Manager data base. She has the following certification:</p> <ul style="list-style-type: none"> • LADOTD Asphalt Paving Inspector • PCC Paving Inspector • Embankment and Base Course Inspector • ATSSA Work Zone Traffic Control Flagging, Technician & Supervisor • Nighttime Traffic Control, and • OSHA-10 		
02/18-0/18	<p>S.P. No. 009250 I-10: Highland to LA 73 Design-Build Project, LADOTD, East Baton Rouge/Ascension Parish, LA. Ms. Martinez is serving as Construction Inspector for this \$72 million design-build project to widen I-10 from four to six lanes in both east and westbound directions, add deceleration and acceleration lanes at the Highland Road and LA 73 interchanges, roadway lighting replacement, and bridge modifications including replacing I-10 bridge over Highland Road, widening and rehabilitating I-10 bridge over Bayou Manchac, increasing the vertical clearance and rehabilitating LA 928 over I-10, and replacing I-10 over LA 73.</p>		
04/09-10/16	<p>S.P. No. 064-05-0085, Bayou Lafourche Bridge at Larose, LADOTD, (CE&I) Lafourche Parish, LA: Ms. Martinez provided construction inspection for this \$32 million Bayou Lafourche Vertical Lift Bridge project to replace the existing LA 310 bridge at LA 657 extension to LA 308. Her responsibilities included maintaining all construction field records; making daily entries in SiteManager; coordinating with the U.S. Coast Guard, LADOTD Coordinator and Parish Engineer/Representative, coordination for all relocations/adjustments of utility facilities within the construction of the site; inspecting the contractor's construction operations and work for compliance with contract documents, reviewing all form work drawings; preparing final estimate packages; and “As-Built” plans.</p>		
11/16—5/19	<p>S.P. No. H.007259: Fleur De Lis Drive Reconstruction (30th-Old Hammond Hwy), (CE&I) LADOTD; Orleans Parish, LA: Ms. Martinez is providing construction inspection services as Lead Inspector for this \$12 million roadway reconstruction of Fleur de Lis Drive, a main artery in a residential corridor. The project includes grading, drainage, drainage structures and utilities, class II base course, superpave asphaltic concrete pavement, Portland cement concrete pavement, as well as ADA accessible ramps, sidewalks, curb and gutter, driveways and removal/replacement of sewer force mains and water mains. Ms. Martinez provides oversight of contractors' operations, provides daily documentation in Site Manager, prepares field changes and records change orders, and assists in coordinating testing/sampling.</p>		

Prime consultant name: **ECM Consultants, Inc.**

06/16-11/17	DPW No. 2000-B01: Gravier St. (S. Galvez to Broad St) City of New Orleans-DPW, LA: Ms. Martinez provided inspection services for this \$5.8 million roadway reconstruction project involving roadway removal, new subsurface drainage, 20" waterline, sewer lines, PCC roadways pavement, concrete sidewalks and driveways. She served as the primary construction inspector on site, monitored, prepared daily reports, computed quantities of work items, reviews monthly pay estimates and coordinates with Project Engineer and contractor.
10/18 – 03/20	Taft Place Reconstruction – City Park Neighborhood – Group A FEMA Funded Roadway Capital Improvements Program, New Orleans, LA: Ms. Martinez provided construction inspection for this \$2.3 million Taft Street reconstruction project which is a part of the City Park neighborhood roadway improvement program. The project scope included removal and reconstruction of 800 and 900 blocks of Taft Place including the intersections at Dumaine street, Allard Blvd., Dumaine and St John Court and other street intersections. Work for roadway reconstruction included PCC paving , roadway intersections with handicap ramps conforming to current ADA standards, new sidewalk, driveways, and subsurface drainage system.
06/08-08/13	S.P. No. 713-38-0001, Doullut Canal Bridge, (CE&I), Plaquemines Parish, LA, Ms. Martinez served as Construction Inspector for this \$12 million project involving the construction of a movable steel girder bridge over Doullut Canal to replace an existing bridge. This 150-foot unequal arm steel swing span is operated by dual hydraulic motors. Project included driving piles, concrete piers, steel girder bridge, operator's house and PCC bridge approaches. ECM also provided paint inspection of all girders for the swing bridge in addition to the steel grid flooring.
02/11-08/13	I-10 Calcasieu River Bridge Repairs, LADOTD, S.P. No. H.003203.6, (CE&I), Calcasieu Parish, LA: Ms. Martinez provided construction inspection services for this \$7.8 million repair work at I-10 Calcasieu River Bridge , involving main truss connection repairs, saddle bearing repairs, cleaning and removal of lead based paint, painting of truss connections, pin plate connection repairs, anchor bolt repairs, trestle bent connection repairs, deck joint repairs, bridge handrail repairs, and roadway pavement joint repairs. She was responsible for maintaining construction field records, inspecting contractor's construction operations, daily inspection of traffic control signs and barricades, daily work reports, and coordination with project engineers.
02/07-06/08	S.P. No. 742-55-0004: Westside Blvd Road Extension (Marie Dr to St. Louis Canal); LADOTD, Terrebonne Parish, LA: Ms. Martinez provided inspection services for this \$2.8 million roadway project involving construction of new PCC pavement roadway for extension of the existing Westside Blvd from Marie Dr to St. Louis Canal. Scope of work included new drainage system, utilities, unclassified excavation, grading, lime treatment, class II base course, PCC Pavement, Superpave asphaltic concrete shoulders, and associated items. She provided inspection services for compliance with contract documents, documentation and daily reports, reviewed pay estimates, monitored contractor activities and coordinated with the Project Engineer
12/10-08/13	S.P. No. 742-52-0012: I-10 SW Frontage Road Extension, (CE&I), LADOTD; Slidell, LA: Ms. Martinez provided inspection services for \$3 million new road and bridge construction of 0.988 miles of I-10 SW Frontage Rd extension and accompanying 7-span bridge . Scope of work for the roadway included grading and earthwork, lime treatment, base course, PCC paving, pavement markings, and permanent signing. Scope also included driving concrete piles, cast-in-place concrete deck, concrete wing walls, PCC approach slabs, guardrails, and striping. She prepared daily reports, reviewed pay estimates, monitored contractor activities, and coordinated with the Project Engineer.
01/12-06/13	S.P. No. 742-38-0006: F. Edward Hebert Boulevard Improvements, (CE&I), LADOTD; Belle Chasse, LA: Ms. Martinez provided construction inspection services for this project, which includes new concrete roadway , overlaying asphalt roadway, excavation, embankment, grading, class II base course, drainage, and utilities. She provided inspection services, documentation, and prepared daily reports, monitored contractor activities, reviewed pay estimates and coordinated with Project Engineer and contractors.
05/20 - 2022	Severn Avenue Corridor Improvement, Jefferson parish-DPW, Jefferson, LA; Ms. Martinez served as the Lead Construction Inspector on the project. Scope of project include removal and replacement of existing PCC pavement with new PCC pavement , sidewalks with 8' wide brick paver sidewalks, ADA compliant ramps, striping, crosswalks at intersections, driveway aprons, corridor improvements to facilitate new bike lane, addition of Turn Lane at 17 th street and West Esplanade, replacement, and upgrade of subsurface drainage system, streetscaping, new bike path., new decorative street lighting, pedestrian lighting and pedestrian signals

Prime consultant name: **ECM Consultants, Inc.**

16. Staff Experience:

Firm employed by ECM Consultants, Inc.			
Name	Jules Saunee		Years of relevant experience with this employer
Title	Inspector		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		High School	
Active registration number / state / expiration date		NA	
Year registered		Discipline	NA
Contract role(s) / brief description of responsibilities		He will serve as a certified Inspector for Roads and Bridges.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
15 years of experience	<p><i>Mr. Saunee has over 15 years of experience in construction inspection of Highways, major bridges, surface roadways, utilities relocations and new drainage, water and sewer systems installations. He has the following certification</i></p> <ul style="list-style-type: none"> • <i>LADOTD Asphalt Paving Inspector</i> • <i>LADOTD Embankment and Base Course Inspector;</i> • <i>LADOTD Structural Concrete Inspector,</i> • <i>LADOTD PCC Paving Inspector and</i> • <i>ATSSA Certified Flagger, Technician, Supervisor</i> 		
10/2021-Ongoing	<p>Belle Chasse Bridge and Tunnel Replacement, P3, Design-Build Project, Plaquemines Parish, LA: Mr. Saunee is serving as one of the certified inspectors for the \$182 Million construction of a new 4 lane bridge over the Intracoastal Waterways. ECM is serving as the Construction Quality Control Firm (CQCF) for this P3 design-build project to construct a new Mid-Level fixed span bridge that will span the Intracoastal Waterway on Louisiana Highway 23. The project includes the demolition of the existing Perez Movable Bridge and the Belle Chasse Tunnel. The new bridge is being constructed to current clearance standards for marine vessels as required by the US Coast Guard. This work includes pile load testing, pile driving, installing prestressed concrete girders, steel girders, concrete deck, on grade roadway including earthwork, subbase and base, drainage, utilities relocation, PCC pavement, Asphaltic Concrete pavement, concrete barrier railing, roadway lighting, MSE Wall construction and striping. ECM's Quality Control team of engineers and LADOTD certified inspectors are responsible for sampling and testing to ensure compliance with the project's plans and specifications. Mr. Saunee is involved in inspection of all aspects of the project including but not limited to pile driving inspection, rebar inspection of structures, inspection of structural concrete pours, and monitoring contractor's quality control.</p>		
07/20-02/21	<p>Severn Ave: Veterans to W. Esplanade, Jefferson Parish, LA: Mr. Saunee served as interim DOTD certified Inspector for this \$14.2 million complete street construction project. This project includes PCC paving, major drainage improvements, ADA facilities, the addition of dedicated bike lanes, addition of turn lanes, traffic and pedestrian signals, street lighting and landscaping etc. He was responsible for monitoring construction work to ascertain that all works are in conformance with contract plans and specification, kept record of quantities of work performed on daily basis and perform all work assigned by the Lead inspector.</p>		

Prime consultant name: **ECM Consultants, Inc.**

12/10-05/12	Huey P Long Bridge Widening: Mr. Saunee served as one of the Inspector for the \$1.2 Billion Widening of the Huey P Long Bridge in Metairie, LA. Project included erecting new railroad support structures, constructing a 3-lane bridge on both sides by widening the existing bridge. Work also included construction of major elevated bridge approaches and PCC roadway on both east and west banks. The asphaltic concrete Jefferson Highway on the East Bank was repaved, and a new PCC U S 90 Highway was constructed on Westbank. Mr. Saunee served as the lead Inspector for concrete, PCC roadway, asphaltic concrete repaving, and infrastructure installation.
04/17-04/20	I-10 Widening Breaux Bridge to Lafayette: Mr. Saunee served as one of the inspectors for this \$100 Million Widening of I-10 for seven (7) miles between Breaux Bridge and Lafayette. The project included the construction of a 2-lane asphaltic concrete interstate, widening 5 existing bridges , replacing 1 bridge, and the removal/replacement of the existing 2-lane asphaltic concrete interstate in each direction. Mr. Saunee served as the lead Inspector on Asphalt work on the job involving approximately 300,00 tons of asphalt and all Electrical items. He also assisted Office and Project Engineers with monthly estimates and coordinated all SiteManger reports and final submittal package
04/20-09/21	I-10 Loyola Interchange. Mr. Saunee served as one of the inspectors for \$125 Million Interstate Overpass Exit/Entrance to the Louis Armstrong International Airport. The Project entails construction of 2 new overpasses exiting and entering I-10 at Loyola Avenue in Kenner, LA. and the reconstruction of Loyola Avenue under the I-10. Mr. Saunee performed inspection of Prestressed Precast Concrete piles Driving operation as well as frequently performed nighttime traffic safety inspections.
04/16-04/17	Ormond Blvd Repair/Mill/Overlay: Mr. Saunee served as the Lead Asphalt Inspector for the asphalt mill/overlay of Ormond Blvd in St. Charles Parish at a cost of \$1 Million . He also assisted in the PCCP inspection of Ormond Blvd. Compiled monthly estimates for Project Engineer's review.
02/16-08/16	Our Lady of The Lake Medical Complex: Mr. Saunee served as the lead inspector for the street/pedestrian ramp repair around the Our Lady of the Lake Medical Complex at a cost of \$800,000. Mr. Saunee inspected the removal and replacement of cracked panels, the removal of existing pedestrian ramps and the replacement of said ramps with ADA compliant ramps, and the sealing of the minor cracks in concrete panels. Compiled monthly estimates for Project Engineer's review.
05/14-02/16	Ole Miss Kenner Sanitary Sewer Lift Station: Mr. Saunee served as an inspector on the \$1.2 Million replacement of the existing Sewer Lift Station at the corner of West Esplanade and Ole Miss Rd. Inspection of installation of Gravity Sewer lines, Installed Master Control Panel, Installation of above ground automatic valve shut off system, and demolition of old lift station
05/12-05/14	Sanitary Sewer Repair St. Bernard Parish: Mr. Saunee served as an inspector for the Parish wide repair of sanitary sewer lines damaged by Hurricane Katrina at cost of \$6 Million . Mr. Saunee inspected the excavation and point repairs of sanitary sewer lines. Mr. Saunee oversaw the restoration of the roads, sidewalks, and other features, both PCCP and Asphalt . He also inspected Pipe bursting operations when entire length of any sanitary sewer lines between the manholes was required to be replaced.
06/11-08/11	Jefferson Parish Submerged Roads Program: Mr. Saunee served as the lead inspector for the Jefferson Parish submerged roads program in Old Metairie which provided PCCP panel replacements for roads that were damaged in Hurricane Katrina. Mr. Saunee oversaw the removal and replacement of all damaged panels in the contracts. This portion of the program was at a cost of \$1.5 Million . Compiled monthly estimates for Project Engineer's review.

Prime consultant name: **ECM Consultants, Inc.**

16. Staff Experience:

Firm employed by ECM Consultants, Inc.			
Name	Mark Sanchez		Years of relevant experience with this employer
Title	Certified Inspector		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization	High School Diploma		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Mr. Sanchez will serve as a certified Inspector for this contract.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
43 years of experience	<p><i>Mr. Sanchez has 43 years of experience in performing construction inspection of roads and bridges, drainage and utilities construction projects involving monitoring and documenting daily construction activities for conformance with plans and specifications. He has the following certification:</i></p> <ul style="list-style-type: none"> • LADOTD Asphalt Paving Inspector • LADOTD Asphalt Plant Inspector/Technician • ATSSA Work Zone Traffic Control Flagger, Technician & Supervisor • OSHA-10 		
10/19- 06/20	<p>I-220/I-20 Interchange IMP & BAFB Access Road- Design-Build, LADOTD, Bossier Parish, LA. Mr. Sanchez served as Inspector for a period of about eight months for this \$71.8 million design-build project to construct a new I-220 extension South of I-20 that will provide access to Barksdale Air Force Base, adding access ramps and enhancing capacity at the I-20/220 interchange, and also includes bridge construction over the existing KCS railway and Musselshell bayou. This work includes 4 separate bridges to be constructed, including a NB and SB I-220 overpass over I-20, and a NB and SB overpass over the KCS railway crossing. This work includes pile driving, drilled shafts, installing prestressed concrete girders, steel girders, on grade roadway including earthwork, subbase and base, drainage, utilities relocation, PCC pavement, Asphaltic Concrete pavement.</p>		
05/18- 09/19	<p>S. P. No. H.012420.6 (CE&I): I-110 Interchange Modifications at Terrace Ave., (CE&I), Baton Rouge, LA: Mr. Sanchez provided inspection services for this \$8.80 million I-110 Terrace Ave Interchange Project that will provide connectivity from I-110 southbound to the existing I-10 eastbound at the Washington Street exit. The project consists of an exit ramp that will be constructed on the left side of I-110 southbound allowing traffic to exit onto Terrace Ave. Nineteen drill shafts will be utilized. The production shafts consist of 6-24” shafts, 2-36” shafts, 2-48” shafts and 9-96” shafts ranging in length from 55’ to 102’. Additionally, this project will also include a widening of the I-110 southbound roadway span, installation of signage and the installation of poles with new camera equipment to monitor traffic.</p>		
07/19 -10/22	<p>Southern University Erosion / Road Improvement, East Baton Rouge Parish: Mr. Sanchez served as lead inspector for this project. This project involved clearing and grubbing, Erosion Repair, Roadway, and Bridge Replacement. This Hazard Mitigation project included repairing damage from the 2016 flood that caused erosion in and around the Southern University Campus, including washouts that affected student access to dormitory areas. The work includes major Utility Coordination, Replacement of a bridge with 3 -10’X10’ Reinforced Concrete Box culverts.</p>		

Prime consultant name: **ECM Consultants, Inc.**

	Work also includes other drainage repairs that will include the reconstruction of the washed-out creek bank, Jacking and Boring of a 60" pipe, Reconstruction of Roadway in washed out areas, and Base, Asphalt Pavement and Concrete Curb.
06/18 -05/20	S.P. No. H.010661.6-2 (CE&I), N. Flannery/Firewood/Cloverland Bridges, East Baton Rouge Parish, LA: Mr. Sanchez provided Inspection services for the replacement of three bridges in East Baton Rouge Parish. He performed inspection work for compliance with plans and specifications, prepare daily reports, keeping track of quantiles of pay items, documenting personnel and equipment used by the contractor etc.
01/19 – 07/19	La 431 @ La 934 Intersection Improvement, Ascension Parish, LA. Mr. Sanchez was lead inspector on this project. This project consisted of drainage structures, embankment, replacing traffic signals, base course, and asphalt paving. Mr. Sanchez provided inspection of excavation operations, drainage structure installation, Replacement of traffic signal, asphalt paving and striping of roadway.
02/18-05/18	SSO Program, City of Baton Rouge/East Baton Rouge Parish-DPW, Baton Rouge, LA: Mr. Sanchez served as Inspector for projects for roadway restorations after installation of gravity sewer lines and force mains under the SSO Program. He monitored placement of base course and asphaltic concrete paving for roadway restorations and prepared daily inspection reports.
01/11-12/17	Engineering Technician, Asphalt Plant: Mr. Sanchez sampled and ran DSR tests on blended liquid asphalt and aided in the designing of Job Mixes. He ran gradations, sampled hot mixes, and ran tests to determine the specific gravity of the mix for bricks and to determine voids on compacted mix. He worked on roadway cores, trimming them, and placing them in an oven to dry prior to testing. When tests indicated mixes were out of specifications, he determined what changes needed to be made to get the mix into specification. He ensured all relevant paperwork was completed.
12/15-11/17	Area Field Quality Control Manager & Asphalt Plant Quality Control Technician , while working with Coastal Bridge Company, Mr. Sanchez's responsibilities included supervising Field QC personnel to ensure they were performing as directed/needed on the project and to ensure that density tests were run and documented. Additionally, Mr. Sanchez acted as a Field QC Technician on projects.
08/15-04/17	H.010602, LA. 1, LA 6–LA 75: Road Rehabilitation for Iberville Parish. Mr. Sanchez was the QC technician for Coastal Contractors for this project, that included the reconstruction of 9.5 miles of roadway , along with the construction of a at grade Railroad tie-in at the Union Pacific railroad crossing located near Evergreen Road. This work included check grade, coordination with Railroad flagman, coordination with DOTD staff, meeting ride tolerances, and all pavement specifications to produce a quality tie in at the rail crossing at this location. Mr. Sanchez was responsible for the overall quality for this project, which exceeded all ride tolerance specifications.
07/80- 01/11	LADOTD Certified Asphalt Plant Inspector: While working for LADOTD, Mr. Sanchez's responsibilities included working at various asphalt plants to ensure the contractors adhered to all LADOTD specifications. He ran all tests on hot mixes alongside contractors' technicians to obtain accurate test results. His responsibilities also included completing all paperwork and delivering samples to the DOTD lab.

Prime consultant name: **ECM Consultants, Inc.**

16. Staff Experience:

Firm employed by ECM Consultants, Inc.				
Name	Tia Youngblood		Years of relevant experience with this employer	4
Title	DOTD Certified Inspector		Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization		Bachelor's Degree Industrial Engineering Technology/Northwestern State University		
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Ms. Youngblood will serve as one of the certified Inspector for Road and Bridge Construction.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
6 years of experience	<p><i>Ms. Youngblood has little over 6 years of experience in construction inspection of Highways, Roads and Bridges, drainage, and utilities construction. She has the following certifications:</i></p> <ul style="list-style-type: none"> <i>LADOTD Asphalt Paving Inspector</i> <i>LADOTD PCC Paving Inspector,</i> <i>LADOTD Embankment and Base Course Inspector</i> <i>LADOTD Structural Concrete Inspector</i> <i>LADOTD Authorized Concrete Field Tester, and</i> <i>ATSSA Certified Flagger, Supervisor</i> 			
06/20-10/21	<p>I220/I-20 Interchange IMP & BAFB Access Road- Design-Build, LADOTD, Bossier Parish, LA. Ms. Youngblood served as a DOTD Certified Inspector for this \$71 million design-build project to construct a new I-220 extension South of I-20 that will provide access to Barksdale Air Force Base, adding access ramps and enhancing capacity at the I-20/220 interchange, and also includes bridge construction over the existing KCS railway and Musselshell bayou. This work includes 4 separate bridges are constructed, including a NB and SB I-220 overpass over I-20, and a NB and SB overpass over the KCS railway crossing. This work includes pile driving, drilled shafts, installing prestressed concrete girders, steel girders, on grade roadway including earthwork, subbase and base, drainage, utilities relocation, PCC pavement, Asphaltic Concrete pavement. Ms. Youngblood is assisting inspection in multiple areas: Embankment, PCC and Asphaltic Concrete pavement, Pile driving, and drilled shafts; utilizing her Embankment and Base course, Asphalt Paving Inspector/Technician, and Nuclear Device Operator certifications. She will also be inspecting different concrete structures and running Field test on concrete utilizing her Authorized Concrete Field Tester.</p>			
06/18-6/20	<p>S.P. No. H.010357.6, L A-120 Bridges near Provencal, LADOTD, (W.E. McDonald) Natchitoches Parish, LA: Ms. Youngblood served as a DOTD Certified Inspector for this project that included: Box Culverts, demolishing the existing bridges, relocating utilities, drainage excavation, driving pre-cast concrete piles, approach slabs, removing existing roadway, pouring new concrete, grade embankment Provided construction inspection for this project that involved: checking rebar measurements, pouring concrete deck, caps, guard rails, and wing walls; and testing concrete; making cylinders, running slump and air meter test.</p>			
2/18 – 6/20	<p>S.P. No. H.010943. 6, Clark/Good Hope/Robeline-Provencal Bridges, LADOTD, Natchitoches Parish, LA, Ms. Youngblood served as a DOTD Certified Inspector for this project that included: demolishing the existing bridges, relocating utilities, drainage excavation, driving pre-cast concrete piles, approach slabs, removing existing roadway, grading, pouring new concrete, and embankment with 6/10 Base. Provided construction inspection for this project that involved: checking grade and elevation; counting blows for pile driving data; running density and</p>			

Prime consultant name: **ECM Consultants, Inc.**

	moisture tests for new dirt hauled in for embankment for roadway approaching bridge. Provided inspection services for the excavating the existing roadway; checking grade, flowline, installation of catch basins, checking soil used for bedding and backfilling.
07/18-09/18	I-49 Pavement Marking Replacement IV: This was a moving operation on an multi lane Interstate. Ms. Youngblood Supervised the removal and replacement of all pavement markings; also, the reflectivity tests on striping. She also was a part of design and checking traffic control utilizing her ATSSA Traffic Control Technician Certification.
10/19-03/20	LA 153: JCT LA 9 to Five Forks Road: Project included Lime treated subbase, Cement treat Base, Drainage system replacement, asphalt overlay, and asphalt wearing/surface course; on a high-volume road. Ms. Youngblood Supervised all aspects of this DOTD project; utilizing her ATSSA Traffic Control Technician; DOTD Embankment and Base Course, Asphalt Paving Inspector/Technician, Nuclear Device Operator, DOTD Certified IRI Inspector; certifications.

Prime consultant name: ***ECM Consultants, Inc.***

16. Staff Experience:

Firm employed by ECM Consultants, Inc.			
Name	Robert Brown		Years of relevant experience with this employer
Title	Certified Lead Inspector		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		High School Diploma	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Mr. Brown will serve as Certified Inspector for this contract on as needed basis.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
32 years of experience	<p><i>Mr. Brown has over 32 years of experience in construction inspection of roads and bridges, overpasses, utilities relocations, levees and floodwall. He has the following certifications:</i></p> <ul style="list-style-type: none"> <i>LADOTD PCC Paving Inspector</i> <i>LADOTD Structural Concrete Inspector</i> <i>LADOTD Embankment and Base Course Inspector</i> <i>LADOTD Authorized Concrete Field Tester.</i> <i>ATSSA Work Zone Traffic Control Flagger, Technician & Supervisor</i> <i>Confined Space entry, OSHA-10.</i> 		
04/21- Ongoing	<p>S.P. No. H.004791, Belle Chasse Bridge and Tunnel Replacement, P3, Design-Build Project, Plaquemines Parish, LA. ECM is serving as the Construction Quality Control Firm (CQCF) for this \$162 million, P3 design-build project to construct a new mid-level fixed span bridge that will span the Intracoastal Waterway on Louisiana Highway 23. The project will include the demolition of the existing Perez Bridge and Tunnel. The new bridge is being constructed to current clearance standards for marine vessels as required by the US Coast Guard. This work includes pile load testing, pile driving, installing prestressed concrete girders, steel girders, concrete deck, on grade roadway including earthwork, subbase and base, drainage, utilities relocation, PCC pavement, Asphaltic Concrete pavement, concrete barrier railing, roadway lighting, MSE Wall construction and striping. ECM's Quality Control team of engineers and LADOTD certified inspectors are responsible for sampling and testing to ensure compliance with the project's plans and specifications. Mr. Robert is serving as Lead certified inspector for this project.</p>		
01/19-10/20	<p>S.P. No. 009250, I-10: Highland to LA 73 Design-Build Project, LADOTD, East Baton Rouge/Ascension Parish, LA: Mr. Brown has served as a Construction Inspector for this \$72 million design-build project to widen I-10 from four to six lanes in both east and westbound directions, add deceleration and acceleration lanes at the Highland Road and LA 73 interchanges, roadway lighting replacement, and bridge modifications including replacing I-10 bridge over Highland Road, widening and rehabilitating I-10 bridge over Bayou Manchac, increasing the vertical clearance and rehabilitating LA 928 over I-10, and replacing I-10 over LA 73. On this project, Mr. Brown has attained his LADOTD certification in PCC Paving and has almost completed the certification for Embankment and Base Course.</p>		
01/19-03/19	<p>S.P. No. H.010661.6-2 (CE&I), N. Flannery/Firewood/Cloverland Bridges, East Baton Rouge Parish, LA: Mr. Brown has provided Inspection services as one of the inspectors for the replacement of three bridges in East Baton Rouge Parish. He was responsible for inspecting construction work for compliance with plans and specifications, prepare daily reports, keeping track of quantiles of pay items, personnel and equipment used by the contractor etc.</p>		

Prime consultant name: **ECM Consultants, Inc.**

10/08 – 09/10	Perkins Road Improvements (Essen Lane to Siegen Lane), East Baton Rouge, LA: Mr. Brown served as Survey Party Chief for construction layout for the Perkins Road Improvement Project from Essen-Siegen Lane. The project involved rehabilitation of a two-lane roadway with open ditches to a five-lane roadway with underground drainage, mechanical and electrical components, and sanitary sewer and water lines
10/10- 08/12	Construction of Levees, LPV 20.2: Mr. Brown served as Construction Inspector for the extension of levee berm foreshore at Reach 3 along Lake Pontchartrain. The project was over 14,000 feet in length with shoreline extension of about 150 feet. Geotextile separator fabric was placed underwater for stability, a graded stone berm was constructed, and the area between the berm and existing shoreline was filled in with sand and uncompacted fill. Mr. Brown was responsible for evaluating contractor quality control system; observing all construction phases to ensure compliance; reviewing shop drawings and submittals; checking quantities; reviewing requests for change orders; observing and reviewing three phase inspection (preparatory, initial, follow-up) for all features of work; and inspecting construction materials before installation
11/10-08/12	Quality Assurance Representative,(QAR III): Mr. Brown provided quality assurance services for LPV 20.2 reaches 3 and 4 extended levee berm foreshores. The project was over 14,000 feet in length along Lake Pontchartrain in Metairie. Materials comprised of R2200 graded stone, geotextile separator fabric, sand, and uncompacted fill. All materials and equipment were brought in by barge. The shoreline was extended out 150 feet. Geotextile separator fabric was placed underwater for stability and a graded stone berm was constructed. The area between this berm and the existing shoreline was filled in with sand and uncompacted fill. The quantity of the R2200 graded stone was over 317,000 tons.
10/09-11/10	Quality Assurance Representative (QAR III): Mr. Brown provided quality assurance services for LPV 19.2, reach 4 Earthen Levee berm enlargement. The project was over 7200 feet of levee along Lake Pontchartrain in Metairie. Degraded, explored, repaired, and rebuilt sections. As well as enlarging the reach for improved integrity.
02/09- 08/10	Harvey Canal Floodwall, Harvey, LA: Mr. Brown served as Survey Party Chief for construction layout and as-builts of the Harvey Canal floodwall. The project was a concrete T-wall with sheet piles , multiple rows of battered and vertical H-piles, and consisted of drainage monoliths, gate monoliths, and a pedestrian gate. Mr. Brown coordinated between three main area superintendents and multiple field superintendents
01/07-02/08	Essen Lane to Siegen Roadway Improvement, Baton Rouge, LA: Mr. Brown served as Survey Party Chief for construction layout for the Perkins Road Improvement Project from Essen-Siegen Lane. The project involved rehabilitation of a two-lane roadway with open ditches to a five-lane roadway with underground drainage, mechanical and electrical components, and sanitary sewer and water lines.
11/94-10/06	Survey Technician, Baton Rouge, LA: Mr. Brown served as Surveying Technician for 12 years. He planned field work schedules based on job specific data needed (subdivision maps, flood maps, area elevation benchmarks, chain of title, legal property description) and performed specific tasks including boundary surveys, elevation studies, determinations of structure placement, and determination of minimum elevation of structures. He also prepared field notes for drafting including boundary survey drawings, slab survey drawing, as-built survey drawings, subdivision drawings, ALTA survey drawings, and reviewed and edited drawings using AutoCAD.

16. Staff Experience:

Firm employed by ECM Consultants, Inc.			
Name	Benjamin Dow		Years of relevant experience with this employer
Title	Senior Technician/Inspector		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		High School Diploma	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Mr. Dow will serve as one of the certified inspector on as needed basis.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
32 years of experience	<p>Mr. Dow has over 32 years of experience in performing inspection for projects such as: roads & bridges, dams, levees, and coastal restoration projects.</p> <ul style="list-style-type: none"> • LADOTD certified Embankment and Base Course Inspector; • ATSSA Certified Flagger, Technician, Supervisor. • NHI Certified-Safety Inspection of In-Service Bridges; • LADOTD Movable Bridge Inspection Workshop; • Training Aids for Dam Safety (TADS); • USACE Levee Inspection Workshop. 		
04/22-On going	<p>S.P. No. 713-38-0001, Belle Chasse Bridge, A P3 Design-Build Project, LADOTD, (Developer: Plenary Infrastructure Belle Chasse LLC), Mr. Dow is providing construction inspection services as one of the inspectors for this \$182 million new Mid-Level fixed span bridge that will span the Intracoastal Waterway on Louisiana Highway 23. This project will include the demolition of the existing Perez Movable Bridge and the Belle Chasse Tunnel. This work includes pile driving, installing steel girders, installing prestressed concrete girders, on grade roadway including earthwork, subbase and base, drainage, utilities relocation, PCC pavement, Asphaltic Concrete pavement, concrete barrier railing etc.</p>		
01/09 -12/13	<p>S.P. No. 064-05-0085, Bayou Lafourche Bridge at Larose, LADOTD, Lafourche Parish, LA: Mr. Dow served as construction inspector for this \$32 million vertical lift bridge. This 122' x84' movable section is the largest span lift bridge in the state. The work included driving concrete piles, steel sheet pile TRS, concrete piers, 96' high concrete towers, installation of structural steel members of the bridge, sheaves, cables welding, bolted connections, anchor bolts, and concrete approaches..</p>		
09/21-03/22	<p>S.P. No. H.011752, Severn Avenue Corridor Improvement, LADOTD/Jefferson parish-DPW, Jefferson, LA; Mr. Dow served as one of the Construction Inspector on the project. Scope of project include removal and replacement of existing PCC pavement with new PCC pavement, sidewalks with 8' wide brick paver sidewalks, ADA compliant ramps, striping, crosswalks at intersections, driveway aprons, corridor improvements to facilitate new bike lane, addition of Turn Lane at 17th street and West Esplanade, replacement and upgrade of subsurface drainage system, streetscaping, new bike path., new decorative street lighting, pedestrian lighting and pedestrian signals.</p>		

11/16 -03/19	S.P. No. H.007259 (CE&I): Fleur De Lis Drive Reconstruction (30th Street-Old Hammond Hwy), LADOTD; Orleans Parish, LA Mr. Dow served as an inspector for this project . Work included reconstruction of Fleur de Lis Drive roadway, a main artery in a residential corridor, involving grading, drainage, drainage structures and utilities, class II base course, Portland cement concrete pavement , superpave asphaltic concrete pavement at transitions, ADA accessible sidewalks, driveways and removal/replacement of sewer and water mains
05/11-08/13	S.P. No. H.003203.6: I-10 Calcasieu River Bridge Repairs, LA DOTD; Calcasieu Parish, LA: Mr. Dow provided construction inspection services for structural steel repairs to the approach trestle bents and stringers, repairs to the connections of the main deck truss & steel cantilever truss members, painting of truss connections, anchor bolt repairs, and associated repairs to the approach roadway pavement expansion joints. He conducted an initial inspection/assessment of the unforeseen conditions during construction and collected information (including field dimensions and photos of what has been encountered) for their review by the project engineer.
06/21-04/22	JPPW No. 2013-010-RB, Lapalco Blvd. Bridge over Bayou Segnette, Jefferson Parish DPW, Jefferson Parish, LA: Mr. Dow provided construction inspection for rehabilitation of this 3,000' long bridge in Jefferson Parish. He performed inspections for the replacement of all bearing pads for the girders that required lifting of each span individually, replace all damaged and bent anchor bolts and angle clits, replace all deck expansion joint systems, remove and replace the bridge's concrete curtain walls, installing new expansion joint materials on the deck and installation of a heavy steel structure to support the concrete girders in the event the movement of the span continues beyond the bent cap.
05/14-12/16	S.P. No. 4400003534 Retainer Contract for Underwater Bridge Inspection Services, LADOTD; Statewide, LA: Mr. Dow provided inspection services for approximately 100 bridges under this five-year retainer contract. Scope of work included detailed reports involving elements and conditions rating and documentation of any significant deviations from as-built conditions for each inspection, recommendations for rehabilitation/repair, as well as other pertinent data. Some notable bridge inspections included: <ul style="list-style-type: none"> • LA 16 Over Amite River Moveable Bridge, Livingston Parish, LA • US 90 Over West Pearl River Truss Steel Vertical Lift Bridge, St. Tammany Parish, LA • US 90 Over West Middle River Cantilever Trusses Bridge, St. Tammany Parish, LA • Lapalco Blvd Over Harvey Canal Bascule Bridge, Jefferson Parish, LA • LA 56 Smith Ridge Cable-Stayed Moveable Truss Bridge Terrebonne Parish, LA

16. Staff Experience:

Firm employed by ECM Consultants, Inc.				
Name	Mansoor Bajwa, E.I.		Years of relevant experience with this employer	9
Title	Certified Inspector		Years of relevant experience with other employer(s)	20
Degree(s) / Years / Specialization			B.S / 1978 / Civil Engineering;	
Active registration number / state / expiration date			EI 41304 / MD / Does not expire	
Year registered	2012	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Mr. Bajwa will serve as one of the Certified Inspector for this contract.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
29 years of experience	Mr. Bajwa has more than 29 years of experience in the fields of construction engineering and construction inspection. His experience includes inspection of bridge construction including pile installations, bents, girders and deck, surface roadways, drainage and utilities. He has the following certifications: <ul style="list-style-type: none">LADOTD Structural Concrete InspectorLADOTD Asphaltic Concrete Paving InspectorLADOTD PCC Paving InspectorLADOTD Authorized concrete Field Tester, andATSSA Work Zone Traffic Control Flagger, Technician, Supervisor			
02/18 -05/20	S.P. No. H. 010661.6: N. Flannery/Firewood/Cloverland Bridges, LADOTD, East Baton Rouge Parish, LA: Mr. Bajwa served as lead construction inspector for this project that involved the complete replacement of the N. Flannery, Firewood and Cloverland bridges. The project included the removal of existing bridge structures, construction of three new bridge substructure & superstructure components, adjacent embankments and roadway. Mr. Bajwa monitored, observed, documented and prepared daily reports for construction activities for conformance with contract documents, maintained work quantity records, reviewed pay estimates, and coordinated for testing services.			
05/20-11/22	Severn Ave: Veterans to W. Esplanade, Jefferson Parish, LA: Mr. Bajwa served as one of the inspectors for this \$14 million complete PCC road construction project. The project includes drainage improvements including new trunk lines, manholes and catch basins along the length of the project, PCC paving, curb, waterline, 8' wide brick paver pedestrian sidewalks, ADA compliant intersections, new decorative street lighting, and landscaping. His duties included monitoring work being performed by the contractor for compliance with approved plans, specifications, and LADOTD standards. He maintained records of work quantities of pay items and recorded all work activities of work.			
01/16-10/17	S.P. No. H.010659.5: Rafe Meyer Bridges Reconstruction, LADOTD, Baker, LA: Mr. Bajwa provided construction inspection for this project involving demolition and construction of two off-system bridges for LADOTD in East Baton Rouge Parish. The project included precast concrete pile driving, cast-in-place concrete bents, decks, approach slabs, safety rails and asphaltic concrete roadway transition. He was responsible for quality assurance inspection services monitoring construction activities for conformance with contract documents, preparing daily diary, maintaining work quantity records, reviewing pay estimates, coordinating testing services and maintaining all documents.			

Prime consultant name: **ECM Consultants, Inc.**

8/19 – 5/20	S.P. No. H.011540.6: Babin Road Bridge Reconstruction, LADOTD, Gonzalez, LA: Mr. Bajwa provided construction inspection for this project involving demolition and construction of an off-system bridge for LADOTD in Ascension Parish and was the Lead Inspector. The project included precast concrete pile driving, cast-in-place concrete bents, decks, approach slabs, safety rails and asphaltic concrete roadway transition. He was responsible for quality assurance inspection services monitoring construction activities for conformance with contract documents, preparing daily diary, maintaining work quantity records, reviewing pay estimates, coordinating testing services and maintaining all documents.
3/21 – on going	S.P. No. H.007520.6: Lafitte Greenway Corridor, New Orleans, LA: Mr. Bajwa is currently providing construction inspection for this project involving demolition and construction of a pedestrian bridge in Orleans Parish. It consists of removing existing bents and some of the piles and constructing a new bridge between Lafitte and Conti streets. He is responsible for quality assurance inspection services monitoring construction activities for conformance with contract documents, preparing daily diary, maintaining work quantity records, reviewing pay estimates, coordinating testing services and maintaining all documents.
08/11-02/12	Reconstruction of Holiday Drive, City of New Orleans-DPW No. 086, New Orleans, LA: Mr. Bajwa served as Construction Inspector for the reconstruction of Holiday Drive with asphaltic concrete paving. He monitored ongoing work for compliance with approved specifications, plans, and standards. He measured and calculated quantities of work done for different items; monitored contractor's progress as compared to approved schedule and prepared progress reports; reviewed change order requests; and prepared as-built plan.
04/12-07/13	S.P. No. H.009718: Submerged Roads, Phase B, LADOTD, New Orleans, LA: Mr. Bajwa served as Senior Construction Inspector for this project, providing inspection of asphaltic concrete pavement, PCC pavement, patching, ADA compliant ramps, and pavement markings. Duties included monitoring ongoing work being performed by the contractor for compliance with approved plans, specifications, and standards. He calculated quantities of work done and recorded in Daily Reports. Mr. Bajwa also performed field acceptance testing and sampling of materials to implement LADOTD Sampling Plan for QA of all work items included in the project.
09/15-02/16	DPW Project No. 15-CN-MS-0008: SSO Program, City of Baton Rouge/East Baton Rouge Parish DPW, Baton Rouge, LA: Mr. Bajwa provided construction inspection for projects under the Sanitary Sewer Overflow Program. The scope of work for these projects consisted of construction and/or rehabilitation of gravity sewers, force mains, wastewater pump stations, and wastewater treatment plant facilities. Mr. Bajwa's responsibilities included inspection of asphalt overlays and road repair and subsurface drainage associated with the projects.
12/13-10/14	S.P. No. H.010734: P2P- Baronne, Burgundy and South Peters Streets: Mr. Bajwa served as Senior Construction Inspector for this project. Project scope included asphaltic concrete pavement, PCC pavement, patching, ADA compliant ramps, and pavement markings. Duties included monitoring work for compliance with approved plans, specifications, and city standards. He calculated quantities of work done and recorded in Daily Reports. Mr. Bajwa also performed field acceptance testing and sampling of materials to implement LADOTD Sampling Plan.
08/12-12/13	S.P. No. H.009459: French Quarter Street Overlay, LADOTD, New Orleans, LA: Mr. Bajwa served as Senior Construction Inspector for this project and provided inspection of asphaltic concrete pavement, PCC pavement, utility structure adjustments, ADA compliant ramps, and pavement markings. His duties included monitoring ongoing work being performed by the contractor for compliance with approved specifications, plans, standards and relevant regulations. He measured and calculated quantities of work done and recorded when the work was complete in Daily Reports. Mr. Bajwa also performed field acceptance testing and sampling of materials to implement the Sampling Plan of LADOTD for Quality Assurance for all items of work included in this project.

16. Staff Experience:

Firm employed by ECM Consultants, Inc.					
Name		Chad Broussard		Years of relevant experience with this employer	2
Title		Inspector		Years of relevant experience with other employer(s)	19
Degree(s) / Years / Specialization			High School Diploma		
Active registration number / state / expiration date			NA		
Year registered			Discipline	NA	
Contract role(s) / brief description of responsibilities			Mr. Broussard will serve as an Inspector for this contract.		
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).			
21 years of experience		Mr. Broussard has 21 years of experience in performing construction inspection of roads and bridges, drainage and utilities construction projects involving monitoring and documenting daily construction activities for conformance with plans and specifications. He is a certified ATSSA Work Zone Traffic Control Flagger, Technician & Supervisor			
11/21- 10/22		Fenton Elementary Sidewalks, Jefferson Davis Parish, LA: Mr. Broussard served as the inspector for this \$433k sidewalk project. The project consisted of sidewalk and drainage installation in and around the Elementary School in Fenton, LA. This was a part of the Safe Routes to Schools program and involved both the local entity and LADOTD. Mr. Broussard’s inspection duties included daily monitoring of construction activities for compliance with plans and specifications, preparing a daily diary, keeping track of daily work item quantities, attending progress meetings, maintaining all construction field records,			
04/21-2/22		Lafayette MPO Non-State Route Pavement Markings, Lafayette Parish, LA: Mr. Broussard served as the inspector for this \$1.4 million pavement markings project. This project involved removing and replacing existing pavement markings on 9 local roads in Lafayette Parish. He provided inspection services that includes daily monitoring construction activities for compliance with plans and specifications, preparing a daily diary, keeping track of daily work item quantities, attending progress meetings, maintaining all construction field records requests, and reviewing monthly pay estimates. The project was for Lafayette Consolidated Government through LADOTD.			
07/22 – ongoing		LA 98: Roundabout at Mills Street, Lafayette Parish, LA: Mr. Broussard serves as the inspector for this \$3.1 million roundabout at the intersection of Mills Street and LA 98 (Gloria Switch Rd.) This project consists of roundabout construction involving PCC Paving and Asphalt Paving, Base and Subbase Work, Drainage Installation, and Signing and Striping. Mr. Broussard’s inspection duties include daily monitoring of construction activities for compliance with plans and specifications, preparing a daily diary, keeping track of daily work item quantities, attending progress meetings, maintaining all construction field records, and reviewing monthly pay estimates.			
09/19- 06/21		Pecue Lane/I-10 Interchange Phase II: Bridges Over I-10, East Baton Rouge Parish, LA: Mr. Broussard served as an Inspector for this \$14.6 million overpass construction project included two new multi-lane bridges over I-10 in Baton Rouge. He provided inspection services that included daily monitoring construction activities for compliance with plans and specifications, preparing a daily diary, keeping track of daily work item quantities, attending progress meetings, maintaining all construction field records, and reviewing monthly pay estimates.			
02/18-05/20		I-10 Widening between I-49 and the Basin Bridge, Lafayette & St. Martin Parish, LA: Mr. Broussard served as Field Engineer for James Construction Group performing quality control and testing. He oversaw testing, quantity tracking, and material invoices for this project.			

Prime consultant name: **ECM Consultants, Inc.**

16. Staff Experience:

Firm employed by ECM Consultants, Inc.				
Name	Herman Callais		Years of relevant experience with this employer	2
Title	Construction Inspector		Years of relevant experience with other employer(s)	18
Degree(s) / Years / Specialization			High School Diploma	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			Mr. Callais will serve as an Inspector for this contract.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
20 years of experience	<i>Mr. Callais has over 20 years’ experience performing construction inspection services. He is a certified ATSSA Work Zone Traffic Control Flagger, Technician & Supervisor</i>			
02/2022-Ongoing	LA 1: Leeville to Golden Meadow (Phase 2) - \$463 million Construction Cost. This is an 8.63-Mile-long fixed concrete bridge, constructed over the marshlands between the town of Leeville, LA and Golden Meadow, LA. Due to environmental concerns, the bridge needs to be constructed with no direct contact with the marshlands, with the exception of temporary steel support piles and the bridge’s permanent concrete support pilings. The project is to be constructed by “Top-Down” method of construction where a moveable temporary steel support bridge is built and occupied by the Contractor’s construction equipment, while the permanent concrete bridge is built below. The temporary steel support bridge will be approximately 2,000 foot in length and will be advanced forward as the concrete bridge is built below. Construction involves building the temporary steel support bridge to support all construction equipment; permanent concrete pile driving; installation of precast concrete pile caps; installation of precast concrete girders; pouring of concrete decks and concrete barrier rails. ECM Consultants, Inc. is performing all the CE&I Service for this project. Mr. Callais is the head inspector over the concrete pile driving operations. Herman is the Supervisor over other Consultant Inspectors working on pile driving inspections, completing all the required data sheets on blow counts, the size of the hammer the height of the fall of the ram weight driving the pile. The data sheets are sent into the DOTD Geotechnical Sections to determine if the piles driven reach the required capacity for support of the bridge structure.			
03/2013-07-2018	Uncle Sam Gypsum Stack, St. James Parish, LA: Herman was employed by Ardaman & Associates, Inc, performing inspection services over Contractors installing liners and clay soil covers over the liners on the Gypsum stacks. He was responsible for overseeing the installation of the steel textile liners and installation of embankment over the liners performing density test on the embankment.			
12/2006-08/2011	LA1 Bridge & Elevated Highway- Herman worked for Ardaman & Associates, Inc, performing inspection on concrete pile driving operations. Herman would record the blow counts, the size of the hammer and the height of the fall of the ram weight driving the pile. Herman would send in the data Sheets to the DOTD Geotechnical Sections to determine if the piles driven reach the required capacity for support of the bridge structure.			

Prime consultant name: **ECM Consultants, Inc.**

16. Staff Experience:

Firm employed by ECM Consultants, Inc.				
Name	Troy Gremillion		Years of relevant experience with this employer	2
Title	Construction Inspector		Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization			High School Diploma	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			Mr. Gremillion will serve as an Inspector for this contract.	
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 years of experience	Mr. Gremillion has over 12 years’ experience performing inspection services. Also has worked as an electrical technician assembling and installing traffic control signals. He is a certified ATSSA Work Zone Traffic Control Flagger, Technician & Supervisor.			
10/2021-Ongoing	Belle Chasse Bridge and Tunnel Replacement, P3, Design-Build Project, Plaquemines Parish, LA: Mr. Gremillion is serving as one of the inspectors for the \$182 Million construction of a new 4 lane bridge over the Intracoastal canal. This project entails the construction of a 25 Bent 4 lane bridge going over the Intracoastal Canal connecting New Orleans to Belle Chasse. Project also includes approximately 10,000 tons of asphaltic concrete for new approaches to bridge. Once bridge is complete, project will demolish existing lift span bridge and flood the existing tunnel under the Intracoastal canal. Mr. Saunee is involved in inspection of all aspects of the project including but not limited to pile driving inspection, re bar inspection of structures, inspection of structural concrete pours.			
08/2013-08-2016	Jack B Harper Electrical: -La-1 Lighting project. Inspection of existing bridge lighting. Removed existing electrical conduit, installed new electrical conduit, wiring and installation of lighting poles and lighting. -Downtown Houma Louisiana. Inspected existing underground electrical conduit and electrical equipment. Replaced existing faulty electrical equipment. Worked exclusively with LA-DOTD to ensure proper installation of underground electrical connections for light poles and traffic signals. Installed concrete foundations and drainage installations. -Highway 90 in Harvey Louisiana. Electrical inspections. Foundation inspections. Concrete foundation installations and electrical installation of street lighting and traffic signal installation. -City of New Orleans traffic signal. City maintenance, inspection of existing traffic signals and concrete foundations. Worked exclusively with the city of New Orleans representatives to make necessary repairs of traffic signals.			
08/2012-08/2013	W.J Blocher Electrical: -Installation of residential street lighting and electrical components throughout Jefferson Parish Louisiana, Residential and Commercial lighting. - Port Fourchon Louisiana. Worked in Chemical Plant to install underground conduit and electrical components for various structures throughout the chemical plant. -Jefferson Parish Railroad. Inspected and maintained the electrical system for the Railroad company throughout the facility.			

Prime consultant name: **ECM Consultants, Inc.**

16. Staff Experience:

Firm employed by ECM Consultants, Inc.			
Name	Emilio Rodriguez	Years of relevant experience with this employer	12
Title	Senior Construction Inspector	Years of relevant experience with other employer(s)	20
Degree(s) / Years / Specialization		Technical Architecture (Construction) / 1989; Certified NACE Coating Inspector Level 2; ATSSA Work Zone Traffic Control Flagger, Supervisor; NHI Bridge Inspection; Movable Bridge Inspection; DOT/FAA Drone Remote Pilot; Aerial Boom Lifts; Scissor Lifts; OSHA-10	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Mr. Rodriguez has over 32 years of experience as an inspector. He has provided inspections for bridge construction and rehabilitation, coatings, and painting, in- service bridge inspections, periodic inspection of earthen levees, rock dikes construction, erosion protection, and coastal restoration projects. Mr. Rodriguez will serve as a coating Inspector for this contract. He will perform painting inspections and other items under the supervision of DOTD certified inspector.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
32 years of experience	<p><i>Mr. Rodriguez has over 32 years of experience as an inspector. He has provided inspections for bridge construction and rehabilitation, coatings and painting, in- service bridge inspections, periodic inspection of earthen levees, rock dikes construction, erosion protection, and coastal restoration projects. He has the following certifications:</i></p> <ul style="list-style-type: none"> <i>NACE certified Coating Inspector Level 2 #40575</i> <i>ATSSA Work Zone Traffic Control Flagger, Supervisor;</i> <i>NHI Bridge Inspection;</i> <i>Movable Bridge Inspection;</i> <i>DOT/FAA Drone Remote Pilot</i> <i>OSHA-10</i> 		
05/18 – 07/19	<p>I-10: Highland to LA 73 Design-Build Project LADOTD East Baton Rouge/Ascension Parish, LA: Mr. Rodriguez served as one of the Construction Inspector for this \$72 million design-build project to widen I-10 from four to six lanes in both east and westbound directions, bridge modifications including replacing I-10 bridge over Highland Road, widening and rehabilitating I-10 bridge over Bayou Manchac, and rehabilitating LA 928 over I-10, and replacing I-10 over LA 73. Project includes two bridge construction including pile driving, installing prestressed concrete girders, bridge deck and rehibition of two bridges over I-10, elevated roadway, on grade roadway including earthwork, subbase and base, drainage, utilities relocation, PCC pavement, concrete barrier railing, roadway lighting and striping.</p>		

Prime consultant name: **ECM Consultants, Inc.**

02/11-08/13	S.P. No. H.003203.6, (CE&I), I-10 Calcasieu River Bridge Repairs, LADOTD, Calcasieu Parish, LA. Mr. Rodriguez provided construction inspection services for structural steel repairs to the approach trestle bents and stringers, repairs to the connections of the main deck truss & steel cantilever truss members, painting of truss connections, anchor bolt repairs, & associated repairs to the approach roadway pavement expansion joints. He conducted an initial inspection/assessment of the unforeseen conditions during construction and collected information (including field dimensions and photos of what has been encountered) for their review by the project engineer. He also provided inspection of surface preparation and application of protective coating for all structural steel components. This also involved monitoring ambient conditions, coating mixing, wet and dry film thickness and final coating cure, cleaning, and removal of lead-based paint.
06/09-10/16	S.P. No. 064-05-0085, Bayou Lafourche Bridge at Larose, (CE&I), LADOTD, Lafourche Parish, LA: for construction engineering and inspection (CE&I) services for this \$32 million vertical lift bridge. This 122' x84' movable section is the largest span lift bridge in the state. Work involved marine pile driving, concrete piers , steel bridge, anchor bolts, bolted connections, approach roadways , etc. He inspected surface preparation and field painting/protective coating of main deck span, lift heads, and installation of various mechanical components.
03/11-05/12	S.P. No. H.006318.6, (CE&I): St. Ann Bridge over Bayou Terrebonne LADOTD Terrebonne Parish, LA: Mr. Rodriguez provided construction inspection services as one of the inspectors for this \$4.2 million movable bridge construction project including approach roadways under the Off-System Bridge Replacement Program. The project involved construction of a new bobtail 90' single swing movable steel girder bridge with concrete bridge piers and concrete slab span approaches over Bayou St. John to replace an existing single lane steel truss swing bridge structure. The scope included driving prestressed concrete piles , concrete pier construction and steel movable bridge installation with structural components such as main girders, floor beams, cross bracings, end dams, stiffeners, angles, bolts etc. including all electrical and mechanical items; surface preparation and field painting/coating of girders and all steel structural components, timber fender system, navigational lights and asphaltting concrete roadway construction.
06/10-08/12	S.P. No. 713-38-0001 (CE&I) Doullut Canal Bridge, LADOTD, Plaquemines Parish, LA. Mr. Rodriguez served as one of the Inspector for CE&I services for this \$11.8 million project for construction of a bobtail swing span, movable steel girder bridge with concrete bridge piers and concrete slab span approaches over Doullut Canal to replace an existing bridge This 150 foot unequal arm steel swing span bridge is operated by dual hydraulic motors and provides access to Highway 11. Work included driving concrete piles, cofferdam construction , and installation of all structural steel components of the movable bridge such as main girder, floor beams, cross bearings, and end dams and structural steel fabrication. Scope of work also included paint inspection of all girders for the swing bridge and steel grid flooring.
06/07-06/09	S.P. No. 713-38-0001 (CE&I): Michaud Blvd. Bridges LADOTD Orleans Parish, LA: Mr. Rodriguez provided CE&I services for this project involving demolition of the exiting and construction of two bridges . Work included driving piles , pile caps, concrete slab, approach slabs, asphalt roadway transitions, concrete barrier railing, and wing walls and utilities relocations. His responsibilities included monitoring, observing, documenting and preparing daily reports with all details and to ascertain that work is done in conformance with contract documents.

Prime consultant name: **ECM Consultants, Inc.**

16. Staff Experience:

Firm employed by Gresham Smith			
Name	Daniel Knott	Years of experience with this employer	8
Title	ITS/Traffic Signal/Electrical Inspector	Years of experience with other employer(s)	38
Degree(s) / Years / Specialization	IMSA / Traffic Signal Field Technician Level II, IMSA / Fiber Optics Level II, Light Brigade / Fiber Optic Design, Installation, and Maintenance, NFPA 70 NEC Ce		
Active registration number/state /expiration date	N/A		
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities	ITS/Traffic Signal/Electrical Inspector Dainel will provide inspection services for ITS/Traffic Signal/Electrical portions of this project		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
46 years of Experience	<i>Mr. Knott has over 46 years' experience in Construction Engineering Inspection Services as a lead technician performing Traffic Signal, ITS and electrical inspections. He assisted with the daily field CE&I inspections, logging in the daily diaries and implementing project requirements.</i>		
11/22 – Ongoing	LADOTD, CEI - H.013256, Scott to Lake Charles ITS, CEI, Lake Charles, LA ITS Technician – Lead. Gresham Smith is providing Construction Engineering Inspection Services, including a project engineer, on-site daily/ nightly inspection and Technical construction inspection, throughout construction. Dan is responsible for assisting with the daily field CE&I inspections, logging in the daily diaries, and ensuring project requirements are followed.		
12/18 – 5/24	Lafayette Consolidated Government (LCG), Adaptive Traffic Signal Design and Implementation, Lafayette Parish, LA ITS Technician - Lead. Daniel supported field verification of LCG's TSI, design plans for adaptive signal control intersections, and integration when the system is completed.		
12/17 – Ongoing	MDOT, ITS CEI, US 49 from Florence to Scale Area, Florence, MS ITS Technician - Lead. Gresham Smith is providing construction administration and inspection services on the ITS elements included in the US 49 from Florence to the Scale Area Project. Daniel is responsible in leading the daily field CE&I inspections, logging in the dailies, and implementing project requirements.		
5/17 – Ongoing	LADOTD, ITS Design and Implementation, WO#6: Fiber Optic Mapping and Management, Tangipahoa, St. Tammany, St. John and Orleans Parishes, LA ITS Technician - Lead. Daniel was responsible for drafting updates onto the master database.		
1/19 – 3/24	LADOTD, ITS CEI Retainer, Lake Charles Phase 3 ITS, CEI, Lake Charles, LA ITS Technician - Lead. Gresham Smith is providing construction Engineering Inspection Services, including a Project Engineer, on-site daily/nightly inspection and technical construction inspection, throughout the course of construction. Daniel assisted with the daily field CE&I inspections, logging in the daily diaries, and ensuring project requirements are followed.		
3/18 – 9/21	LADOTD, ITS CEI Retainer, Signal Communications Upgrade Phase 1, CEI, Various, LA ITS Technician – Lead. Daniel was responsible in leading the daily field CE&I inspections, logging in the dailies, and ensuring project requirements were followed.		

Prime consultant name: **ECM Consultants, Inc.**

16. Staff Experience:

Firm employed by ECM Consultants, Inc.				
Name	Anatole Hammer		Years of experience with this firm/employer	8
Title	Construction Inspector (Electrical)		Years of experience with other firm(s)/employer(s)	20
Degree(s) / Years / Specialization			High School Diploma	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			He will perform inspection of Street lighting, electrical and control systems.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
28 years of experience	<p>Mr. Hammer has 28 years' experience as an inspector. He has provided inspections specializing in electrical systems. He has the following certification:</p> <ul style="list-style-type: none"> Density Testing for Embankment and Base Course ATSSA Work Zone Traffic Control Flagger, Technician & Supervisor OSHA-10 			
10/15- On going	<p>DPW Project No. 15-CN-MS-0008: SSO Program, City of Baton Rouge/East Baton Rouge Parish DPW, Baton Rouge, LA: Mr. Hammer provides construction inspection for projects under the \$900 million SSO Program undertaken by City of Baton Rouge to mitigate EPA consent decree. Mr. Hammer's responsibilities included inspection of electrical and control systems for the pump stations and Waste Treatment Plant. Installation of central SCADA system included miles of fiber optics lines for remote monitoring and control of wastewater infrastructure. The SCADA system includes interface between 450 pump stations, the South WWTP control room, the Choctaw Maintenance Facility control room, the Advanced Traffic Management-Emergency Operations Center (ATM-EOC), the Central control room., network equipment, network infrastructure and installation of cameras and exterior and interior lighting.</p>			
02/15-10/15	<p>Electrical Inspector / QA/QC (while working for M. Martin Consulting Co.): Mr. Hammer was responsible for inspecting the installation of electrical systems and equipment to ensure that they comply with electrical codes and standards. He performed construction site visits and performed inspection for compliance with plans and specifications. His primary responsibilities were to examine electrical systems and equipment, inspect new and existing sound and security systems, wiring, interior and exterior lighting, motors, and generating equipment. He kept records and wrote reports and reported findings to contractors or government agencies. He identified and reported non-compliant installations, examined and inspected wire harnesses, control panels, coaxial cables, and electrical jig boards, for completeness of assembly, quality, and conformance to plans. He inspected wiring of assemblies for accuracy of stripping, soldering, and crimping, and for defects.</p>			
02/14 - 01/15	<p>I&E Production Technician (while working for Wood Group PSN). Mr. Hammer provided field instrumentation support for all process equipment from well head devices through each control element to the termination at the operator's control panel. Maintained and Inspected pneumatic, hydraulic, electro-mechanical and electronic elements and tie into a LAN and telemetry-based SCADA system. Develop and safely execute work plans covering installation, calibration, inspection, and troubleshooting tasks within a work order driven system, to minimize production impacts and enhance the reliability of the operation. Review and generate PLC programming to meet facility and project requirements within industrial and corporate standards.</p>			

Prime consultant name: **ECM Consultants, Inc.**

16. Staff Experience:

Firm employed by ECM Consultants, Inc.			
Name	Sunina Shrestha, P.E.		Years of experience with this firm/employer
Title	Engineering Support for Staff Augmentation Services		Years of experience with other firm(s)/employer(s)
Degree(s) / Years / Specialization	M.S. / 2008 / Civil Engineering		
Active registration number / state / expiration date	37901 / LA / 09/30/2025		
Year registered	2013	Discipline	Civil, Hydraulic and Hydrologic Engineering
Contract role(s) / brief description of responsibilities	Ms. Shrestha will serve as an Additional Project Engineer for Support for Staff Augmentation Services. She is a certified TCS.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
17 years of experience	<i>Ms. Shrestha has 17 years’ experience in hydraulic analysis, drainage studies and design, roadway projects design involving reconstruction, rehabilitation, new construction as well as complete and smart streets. Her experience also includes preparation of PS&E and engineering review of designs and construction plans and specifications for various roadway projects.</i>		
03/2022-Ongoing	West Shore Lake Pontchartrain Flood Risk Reduction Project Segments WSLP 102 and 106, St. Charles Parish, LA: Project Civil Engineer. The purpose of this \$134 Million project is to construct a 100-year level flood risk reduction system for the residents of the three parishes. The WSLP 102 and WSLP 106 of approximately 2 miles, is a part of 18.5 miles long West Shore Lake Pontchartrain project at its east approach. The salient features of this contract are earthen Levees, T-walls, and a Drainage Structure in the Montz canal with four (4) stainless steel sluice gates . The flood mitigation configuration is such that a portion of T-wall construction in this reach crosses the existing I-10 alignment and must be constructed under the I-10 east bound and west bound bridges. The scope of work of the WSLP 102 & 106 contracts includes engineering design, preparation of PS&E for all civil, structural, mechanical, electrical, and geotechnical engineering considerations. She is responsible for all civil engineering design for levees and interior and exterior drainage canals and related work for both the segments. ECM is currently providing EDC services.		
07/20-02/21	Severn Avenue Reconstruction: Veterans to W. Esplanade, Jefferson Parish, LA, DPW: Ms. Shrestha served as project engineer for this \$14 million project on Severn Avenue from Veterans Boulevard to West Esplanade Avenue. She was responsible for design coordination and preparation of plans, specifications, and estimates (PS&E) for the replacement of existing roadway with PCC pavement, concrete curb, sidewalks and driveway aprons with new 6-foot wide sidewalk and driveway aprons, replacement/upgrade of subsurface drainage, addition of turn lanes at 17th street and West Esplanade Avenue. The project involves traffic control planning to include sequential lane closures to maintain two lanes open at all times, and phased construction in order to accommodate seasonal traffic peaks as well as access to businesses.		
10/15-11/17	DPW No. 2000-B01, Gravier Street Improvements (Between South Galvez and South Broad), City of New Orleans-DPW, New Orleans, LA: Ms. Shrestha provided civil engineering design and construction phase engineering services for this \$4.8 million project for roadway reconstruction including storm drainage, sidewalk improvements, and water & sewer improvements. She assisted the project engineer in coordination with various agencies, submittal reviews and management, resolution of field issues in consultation with inspector and project manager, and site visits as needed.		
10/14-05/17	2014-001E-CIP, Williams Boulevard / Vintage Drive Roadway, Drainage and Enhancement Improvements (West Side of Williams Boulevard): Ms. Shrestha provided engineering design and construction administration for this project which included the widening of the U-turn		

Prime consultant name: **ECM Consultants, Inc.**

	Lane and extension of the triple barrel 7'x6'box culvert on west side of Williams Boulevard at Vintage Drive. Scope of work includes demolition of existing U-turn pavement and median, construction of new widened U-turn asphaltic pavement, concrete curb, and gutter and median with sidewalk and handicap ramps. The project also included landscaping with irrigation and lighting services
02/11-04/13	S&WB No. 4178CE, Rehabilitation of Jefferson Avenue in Conjunction with Drainage Box Canal (South Claiborne to Dryades), SWBNO; New Orleans, LA: Ms. Shrestha provided project management and civil engineering design services for this \$50 million project extending from S. Claiborne Ave. to Dryades St. The project consisted of removal and replacement of street paving and curbs, relocations of water and sewage lines and local drainage lines, traffic detour and control plans, street light removal, and drainage culvert. Design work was coordinated with both USACE and the S&WB and performed in accordance with the LADOTD Hydraulics Manual. She also provided construction administration services.
05/15-09/16	Strain Road Bridge over Drainage Bayou, Baton Rouge, LA: Ms. Shrestha served as project engineer for this project involving design and preparation of PS&E for the replacement of Strain Road bridge. The scope included complete removal of the existing bridge structure and removal and replacement of a two-lane asphaltic concrete approach roadway including improvements to roadway drainage.
11/16- 2021	West Metairie Bridge, Jefferson Parish, LA: Ms. Shrestha provided civil engineering services for this bridge replacement project. Scope of work included preparation of construction documents, plans and specifications, for replacement of existing bridge on West Metairie Ave over Soniat Canal. The work included demolition of the existing bridge, design of 100 feet cast in place bridge with Quad Prestressed Concrete Beams, design of approach slabs and erosion protection as necessary. The analysis and design of the bridge is performed in conformance with the AASHTO LRFD Bridge Design Standards as well as the requirements of Louisiana LRFD Bridge Design Manual, Latest edition.

16. Staff Experience:

Firm employed by ECM Consultants, Inc.			
Name	Kenneth Free, P.E.		Years of relevant experience with this employer
Title	Engineering Support for Staff Augmentation Services		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		BS/1988/Civil Engineering	
Active registration number / state / expiration date		#25185/Louisiana/09.30.2025	
Year registered	1993	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Mr. Free will serve as Support for Staff Augmentation Services for this contract.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
36 years of experience	<p><i>Mr. Free is a Construction and QC/QA specialist who offers in depth understanding of how to optimize quality because of his 33-year career delivering roadway and bridge construction, and contract administration with LA DOTD, and 2 years as owner of Delta Design Professionals, LLC. He has prepared and implemented quality plans and procedures for LA DOTD projects including highway and bridge construction, rehabilitation, debris removal operations, emergency reconstruction and civil site design. Mr. Free previously served as LA DOTD District 58 Administrator where he led an over 200-person multidisciplinary staff and assured quality delivery as he directed all of Chase District operations including construction, maintenance, engineering, public works, traffic services, business, ferry operations, roads, bridges and other LA DOTD facilities throughout the District 58 six parishes. He was responsible for staffing construction projects, maintenance, operations including movable bridges and miscellaneous incidents 24/7 for the entire District. Mr. Free also served in the capacity of Project Engineer, District Construction Engineer, Area Engineer, and Operations Engineer.</i></p>		
2020-2020	<p>US 84, UP Railroad Overpass: LADOTD, LaSalle Parish, LA: Mr. Free served as District Administrator for this construction inspection project. The project involved the construction of a temporary detour bridge and replacement of a girder span bridge over the UP Railroad. Work consisted of pile driving, deck construction, asphaltic concrete, embankment, class II base course, drainage, utility relocation and other incidental items. The project involved coordination and Project Development with the design team, UP railroad, utility companies, and other stake holders. Due to the nature of the project and potential lengthy detour, the project required extensive Public and Legislative Outreach.</p>		
2021-2021	<p>Grant Parish Line – US 84: LADOTD, LaSalle Parish, LA: Mr. Free served as District Administrator for this construction inspection project. The project involved base reconstruction and overlay of the existing roadway. Work consisted of embankment, lime treatment, class II base course, asphaltic concrete, curve superelevation correction, drainage, utility relocation and other incidental items. Extensive research, surveying and negotiations with the contractor were required to identify and correct superelevation construction errors during the project.</p>		
2020-2021	<p>LA 15, LA 131 – US 84: LADOTD, LaSalle Parish, LA: Mr. Free served as District Administrator for the budgeting and design phase of this project. The work consisted of pavement patching, overlay of the existing roadway, paved shoulders, and bicycle lane. Mr. Free worked closely with Local Legislators and LA DOTD Executive staff on funding allocation for the project. He also worked with District 58 design team and Headquarters design team addressing issues with design standards on plan development.</p>		
2018-2020	<p>LA 506, Castor, Castor Relief & Drain Bridges: LADOTD, Caldwell Parish, LA: Mr. Free served as District Administrator for this construction inspection project. The project involved replacement of a series of bridges in the Caster Creek flood basin. Extensive coordination with the design team, utility companies, and other stake holders were required for plan development. Work consisted of pile driving, deck construction, asphaltic concrete, embankment, class II base course, drainage, utility relocation and other incidental items. To complete the project efficiently and successfully with the least inconvenience to motorists, an existing parish road was utilized as a detour with LA DOTD assuming maintenance of</p>		

Prime consultant name: **ECM Consultants, Inc.**

	the parish facility. Mr. Free was also involved in Public and Legislative Outreach. Mr. Free established weekly project meeting to address failing materials, project delays, and other related issues.
2005- 2010	Black River Bridge and Approach: LADOTD, Catahoula Parish, LA: Mr. Free served as DOTD Construction Engineer for this construction inspection project to construct the bridge approach to a new girder span bridge that was previously constructed over the Black River. The new bridge approach was constructed to current clearance standards for marine vessels as required by the US Coast Guard. This work consisted of pile driving, coffer dams, installing prestressed concrete girders, deck construction, on grade roadway, earthwork, subbase and base, drainage, utilities relocation, PCC pavement, asphaltic concrete pavement, concrete barrier railing, sound barrier, and MSE Wall construction. He was responsible for overseeing the LADOTD Project Engineer who was responsible for project inspection and contract administration and the District Laboratory Engineer responsible for sampling and testing to ensure compliance with the project's plans and specifications. Work included traffic phasing where traffic lanes were adjusted to allow for the completion of the project section by section. Const. \$31.2M
2004-2011	US 165, Grayson - Columbia: LADOTD, Caldwell Parish, LA: Mr. Free served as DOTD Construction Engineer for this construction inspection project to construct a divided and undivided roadway from Grayson to Columbia. Work consisted of asphaltic concrete, jointed concrete pavement, embankment, lime treatment, class II base course, drainage, utility relocation and other incidental items. He was responsible for overseeing the LADOTD Project Engineer who was responsible for project inspection and contract administration and the District Laboratory Engineer responsible for sampling and testing to ensure compliance with the project's plans and specifications. Mr. Free was also involved in Public and Legislative Outreach necessary throughout project phasing. Work included traffic phasing where traffic lanes were adjusted to allow for the completion of the project section by section. Const. \$22.5M.
2005-2008	Clayton - Greenville: LADOTD, Catahoula Parish, LA: Mr. Free served as DOTD Construction Engineer for this TIME construction inspection project to construct a 800 ft girder bridge and divided roadway from Clayton to Greenville. Work consisted of pile driving, installing prestress concrete girders, deck construction, barrier rail, embankment, lime treatment, class II base course, drainage, asphaltic concrete, utility relocation and other incidental items. Mr. Free worked closely with TIME Manager construction QC/QA team for project delivery. Mr. Free was also involved in Public and Legislative Outreach necessary throughout project phasing. Const. \$13.7M.
2006-2010	LA 4, Tensas River Bridge, Franklin Parish, LA: Mr. Free served as DOTD Construction Engineer and Area Engineer for this construction inspection project to construct a new girder span bridge over the Tensas River. This work consisted of pile driving, installing prestressed concrete girders, deck construction, concrete barrier rail, on grade roadway including earthwork, subbase and base, drainage, utilities relocation, and asphaltic concrete pavement construction. As District Construction Engineer, he was responsible for overseeing the LADOTD Project Engineer who was responsible for project inspection and contract administration and the District Laboratory Engineer responsible for sampling and testing to ensure compliance with the project's plans and specifications. As Area Engineer, he was also responsible for overseeing maintenance of the facility after construction. Const. \$5.2M
2001-2010	US 165, State Routes in Columbia (Main Span) and Roadway: LADOTD, Caldwell Parish, LA: Mr. Free served as DOTD Project Engineer and District Construction Engineer for this construction inspection project to construct a new girder span bridge over the Ouachita River with approaches and undivided roadway through Columbia. The new bridge was constructed to current clearance standards for marine vessels as required by the US Coast Guard. This work consisted of pile driving, drill shafts, two coffer dams, installing prestressed concrete girders, steel girders, deck construction, marine lighting, on grade roadway including earthwork, subbase and base, drainage, utilities relocation, PCC pavement, asphaltic concrete pavement, concrete barrier railing, MSE Wall construction. He was responsible for contract administration and overseeing LADOTD certified inspectors for sampling and testing to ensure compliance with the project's plans and specifications. Mr. Free was also involved in Public and Legislative Outreach necessary throughout project phasing. Work included several phases where traffic lanes were adjusted to allow for the completion of the project section by section. Const. \$42.1M

16. Staff Experience:

Firm employed by ECM Consultants, Inc.			
Name	William J. Oliver, Jr.		Years of relevant experience with this employer
Title	Engineering Support for Staff Augmentation Services		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		BS/1985/Civil Engineering	
Active registration number / state / expiration date		#23455/Louisiana/09.30.2025	
Year registered	1989	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Mr. Oliver will serve as Support for Staff Augmentation Services for this contract.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
35 years of experience	<i>Mr. Oliver will serve as an Engineering Support for Staff Augmentation Services. In addition to Professional Engineering licensure, he has the certifications as an ATSSA TCS and Flagger.</i>		
2019	Verot School Rd (Vincent - EX. 5-L) Lafayette, LA: Mr. Oliver served the District Administrator for this \$37.3 million capacity improvement project of Verot School Road. This project involves embankment, base course PCC pavement, storm drains, concrete drives and sidewalks well as serving as the media spokesperson for the project. He provided inspection administrative oversight of the project that includes attending progress meetings, meeting with property and business owners, local and statewide elected officials concerning progress and phasing of the project, maintaining all construction field records requests, and reviewing monthly pay estimates. The project was a DOTD project in the capacity improvement program.		
2019	US 90 (I-49 South) Albertson's Parkway to Ambassador Caffery Broussard, LA: Mr. Oliver served as District Administrator for the \$65.6 million design build project in Broussard. This project was a corridor improvement project to upgrade approximately 1.7 miles of the existing four-lane US 90 roadway to a six-lane controlled access facility that meets interstate standards. The work consisted of acquiring right of way, relocating utilities and constructing a full interchange and frontage roads as well as all approaching roadways. He provided coordination and broad oversight during all phases of the project. He was part of the team to determine selection of the project location, the RFQ to determine the short list, and the technical grading team during the RFP process for selection of the Design Build team. He coordinated district staff with DOTD staff, the owner verification firm, and the design build team during the design and construction phases of the project.		
2017	Verot School Road Outfall Drainage Improvement Lafayette, LA: Mr. Oliver served as Area Engineer for this \$12.3 million clearing and drainage improvement project. This project involved clearing and grubbing, concrete paving, and 3 outfall channels as a DOTD project in preparation of the future widening project. He provided administrative oversight of the project which included project site inspections, and meetings with project managers and designers to resolve construction and design issues, approval of change orders involving design changes and costs overruns, resolution of compliance issues, answering phone calls and meeting with property and business owners and local elected officials to resolve construction and access issues. The project was a DOTD project performed on behalf of Lafayette Consolidated Government.		
2011	Historic Parkerson Avenue Redevelopment Project Crowley, LA: Mr. Oliver served as a Project Engineer for the \$4.9 million downtown streetscape project in Crowley. This project involved the removal of all pavement and sidewalks of a 5 block section of Parkerson Avenue (LA 13) and construction of new concrete pavement, storm drain system and sidewalks with a wider median and angled parking. The project also included enhancement items such as landscaped bulb outs, stamped concrete cross walk, and concrete pavers along the back of curb and in the bulb out areas. He had direct responsibility for ensuring that all work was performed in compliance with plans and specifications, payment made to the contractor and within the specified contract time. He also conducted weekly meetings with mayor, council members, contractor and local business owners to discuss phasing and progress on the project. This project was a DOTD project performed on behalf of the City of Crowley.		

Prime consultant name: **ECM Consultants, Inc.**

16. Staff Experience:

Firm employed by ECM Consultants, Inc.				
Name	Matthew Mire, P.E.		Years of relevant experience with this employer	4
Title	Civil Engineer		Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization			B.S./2020/Civil Engineering	
Active registration number / state / expiration date			EI No. 49176 /Louisiana/Exp. 3-31-25	
Year registered	2024	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Mr. Mire will serve as Additional Engineer for Staff Augmentation Services. is ATSSA Traffic Control Flagger and Supervisor.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
6 years of experience	Mr. Mire has about 6 years of experience as an engineering intern and as summertime construction field technician intern from 2016 to 2019. After graduation, Matthew joined Modjeski and Masters as Intern and provided field engineering services for various construction projects and prepared sketches for a number of in-services bridge inspections. In ECM, he is providing construction inspection services for several roadway reconstruction and a major elevated roadway project.			
12/2021-Ongoing	H.008145.6 – LA 1: Leeville to Golden Meadow (Phase 2) - \$463 million Construction Cost. This is an 8.63-Mile-long fixed concrete bridge, constructed over the marshlands between the town of Leeville, LA and Golden Meadow, LA. Due to environmental concerns, the bridge needs to be constructed with no direct contact with the marshlands, with the exception of temporary steel support piles and the bridge’s permanent concrete support pilings. The project is to be constructed by “Top-Down” method of construction where a moveable temporary steel support bridge is built and occupied by the Contractor’s construction equipment, while the permanent concrete bridge is built below. The temporary steel support bridge will be approximately 2,000 foot in length and will be advanced forward as the concrete bridge is built below. Construction involves building the temporary steel support bridge to support all construction equipment; permanent concrete pile driving; installation of precast concrete pile caps; installation of precast concrete girders; pouring of concrete decks and concrete barrier rails. ECM Consultants, Inc. performs all the CE&I Service for this project. Mr. Mire is the overseeing material testing and sampling program. Overseeing Quality Assurance of the project. Tracking materials and quantities installed, and processing pay apps through site manager. Review and oversight of daily reports created by inspectors. Help lead staff of inspectors/field technicians. Manage project documentation as required. Assist experienced project engineer as required for the project.			
6/2020-9/2020	Canadian National Bridge Replacement, Bonnet Carre Spillway: Mr. Mire was an on-site field engineer/quality assurance inspector for the \$60 million bridge replacement project for Canadian National near Laplace, Louisiana. The project consisted of installing a double voided concrete box girder bridge supported by reinforced concrete piles approximately 2.5 miles long in order to replace the adjacent existing timber bridge. Mr. Mire collected field data such as pile driving logs and grout cube compressive strength test, tracked quantity of material installed, and recorded daily construction activities in the Daily Work Report.			
10/2021-10/2021	South Central Florida Express System Wide Bridge Inspection, Clewiston, Florida: Mr. Mire performed a quality assessment inspection identifying defects for 34 bridges for SCFE RR near Clewiston Florida and the surrounding area. The inspection provided the client with the current condition of the bridges and highlighted areas for repair.			
12/2020 – 7/2021	Kansas City Southern Structural Steel Repairs: Shreveport, LA and Cason, TX Mr. Mire was an on-site field engineer/quality assurance inspector for repairs of three orthotropic bridges for KCS located in Shreveport, LA and Cason, TX. The project consisted of installing bolted reinforcement plates, welding, and replacement of bearings at various locations where cracks and corrosion were present. Mr. Mire prepared daily reports and tracked quantity of material installed to verify the contractor installed welds and reinforcement plates at the appropriate locations			

Prime consultant name: **ECM Consultants, Inc.**

16. Staff Experience:			
Firm employed by Huval & Associates, Inc			
Name	Reid Romero, P.E.		Years of experience with this firm/employer
Title	Civil Engineer		Years of experience with other firm(s)/employer(s)
Degree(s) / Years / Specialization		BS/2008/ Civil Engineering	
Active registration number / state / expiration date		37772/LA/Exp. 09/30/2025	
Year registered	2013	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		Civil Engineer for Construction Quality Assurance Services. He will provide construction engineering for road and bridge projects and CQA services for Design -Build 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 <u>years of experience</u> specified in the applicable MPR(s).		
12 Years of Experience	<i>Mr. Romero came to HUVAL after graduating from the University of Louisiana at Lafayette in 2008. Since joining Huval & Associates, Inc., Mr. Romero has been involved in bridge and structural design, plan preparation, bridge inspections and construction support services. Mr. Romero completed several NHI training courses including Fundamentals of LRFR and Applications of LRFR for bridge superstructures course, and a Drilled Shaft LRFD design methods and construction procedures course. Mr. Romero is familiar with the LADOTD Bridge Design Manual, LADOTD LRFD Bridge Design Manual, 2002 AASHTO Bridge Specifications, as well as the current AASHTO LRFD Bridge Specifications.</i>		
09/17-ongoing	I-10 Design Build (Highland to LA 73), S.P. H.009250 – Performed QA/QC of the LRFD design calculations and load rating for the steel girder bridge at Highland Road and the slab span widening at Bayou Manchac. Led the design, plan preparation, and load rating for the repair of the prestressed girder bridge on LA 928.		
06/14 – 12/15	U.S. 90 Over Albertson Pkwy to Ambassador Caffery, S.P. H.010620 – Performed QA/QC of the LRFD bridge design calculations, LRFR load rating, and plan preparation of a BT-72 girder bridge supported by column bents and pile footings.		
01/16-12/17	Seabrook, Port of New Orleans Req. No. 077704 – Performed span balancing calculations of the bascule bridge throughout the different construction phases. Designed temporary support brackets to elevate existing ballast beams to allow for painting of the bottom chord. Provided additional construction services on an as-needed basis		
04/14 – 11/16	US 84 Pin and Link Replacement Project, MDOT Project No. BR-0015-01(120) – Prepared shop drawings for new pin and link assemblies on the existing steel truss bridge. Completed design calculations and details on the scaffolding system and jack stands. Prepared construction sequence plans for the removal and replacement of the existing pin and link assemblies. Provided additional construction services on an as-needed basis.		
10/11 –12/13	St. Ann Swing Span Bridge, S.P. 700-55-0107 & S.P. H.005029.5 – Assisted in plan preparation and performed designed calculations on this swing span bridge. Performed QA/QC of the final design calculations, moment balance calculations, design of pedestrian walkway, counterweight design calculations, traffic barrier design calculations, light pole foundation design calculations, quantity		

	calculations, design checks of stringer and main girders, and plan review and markups. Provided construction services on an as-needed basis.
01/12– 11/13	I-49 North Segment J (MLK Blvd. to LA 1), S.P. H.003496.5 – Performed LRFD design calculations and led plan preparation on two prestressed girder and steel girder bridges. Performed approach slab design, girder design check using LEAP Conspan, cap and column design check using LEAP RC Pier, steel girder design check using MDX, deck and overhang reinforcing design check, strip seal joint opening calculations, quantity calculations and QA/QC, and elevation calculations.
01/10–10/12	US 80 Over KCS Railroad, S.P. 701-65-1444 – Assisted in plan preparation and performed design calculations on this steel and prestressed girder bridge structure. Performed QA/QC of the final design calculations, preliminary steel girder design using MDX, deck and overhang reinforcing design check, finger joint design, prestressed girder design calculations using LEAP Conspan, cap and column design calculations using LEAP RC Pier, bridge end drain design, approach slab design, plan review and markups, and quantity calculations.
01/15 –10/18	Almonaster Avenue Bascule Bridge, New Orleans, LA, S.P. H.007250 - Performed the design of new construction sequence for the new railroad bridge. Assisted with the preliminary design/development and produced preliminary plans for the mechanical and architectural components for a new rolling lift bascule bridge at Almonaster Avenue over the Inner Harbor Navigation Canal. Performed load ratings for current and proposed structures.
03/11-06/13	I-49 Segment I Ratings, S.P. 701-65-9999 – Performed as-designed LRFR calculations on two prestressed girder bridges. Utilized VIRTIS to model varying girder spans. Created rating reports for each span configuration. Developed bridge load rating summary sheets. Provided construction services on an as-needed basis.
03/09-11/10	I-49 North (LA 1 – LA 173), S.P. 701-65-1230 & S.P. 701-65-1349 – Assisted in plan preparation and performed LRFD design calculations on a Type BT Prestressed Girder Bridge and a Type IV Prestressed Girder Bridge. Performed fixed and expansion bearing pad design, deck and overhang reinforcing design, quantity calculations and QA/QC, strip seal joint opening calculations, girder design check using LEAP Conspan, cap and column design check using LEAP RC Pier, and elevation checks.
11/09-Present	Various Construction Projects – Construction service calculations for new bridge projects and bridge repair projects. Pile mis-locations, test pile stand templates, end on construction calculations, and formwork design are examples of the types of construction service projects completed.

16. Staff Experience:			
Firm employed by Huval & Associates, Inc			
Name	David Huval, Jr., PE		Years of experience with this firm/employer
Title	Senior Engineer Lead		Years of experience with other firm(s)/employer(s)
Degree(s) / Years / Specialization		BS / 1985 / Civil Engineering	
Active registration number / state / expiration date		24187/LA/ Exp. 09/30/2025	
Year registered	1991	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		CPM Schedule Reviewer. David Huval, Jr. will review contractor's Baseline CMP schedule, review schedule updates and recovery schedule, if any. He will monitor progress vs. schedule and notify Project Engineer and Project Manager when slippage of critical milestones will be eminent for notifying DOTD for early resolution. He will also participate for partnering for Design – Build projects.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s)		
39 Years of Experience	<i>David S. Huval, Jr. brings 39 years of experience in bridge and roadway design, construction cost estimates, construction contracting, and construction management to the District 03 CEI project. In his role as manager of the construction company C.E.C., a trusted DOTD highway and bridge construction company, his experience on every project includes significant scheduling and management requirements. He has experience coordinating with LADOTD, US Coast Guard and the Corps of Engineers, and numerous other entities.</i>		
10/23 - Present	Harvey Tunnel: New Orleans, LA. Project Lead: David is the Project Manager for this LADOTD project rehabbing the Harvey Tunnel in New Orleans, LA. The contract calls for removing and replacing the tunnel's walls and ceiling tile, rebuilding the roadway and improving the electrical, ventilation and drainage infrastructure. CEC will implement temporary traffic control plans as needed, at which time brief periods of lane closures will occur. Work on the tunnel is expected to run through December 2025.		
08/19 – Present	I-10 INTERSTATE TRUSS SIGNS: New Orleans, LA. Project Lead: David is the Project Manager and Chief Estimator for this LADOTD project that is replacing the existing sign truss structures throughout the US 90 and US 90 Business interchange with I-10 in the downtown New Orleans area. This project includes approximately 18 major sign truss structures to be constructed from existing bridge structures along with nearly 1,600 square feet of new permanent signage to be installed. CEC implemented temporary traffic control plans consisting of multiple lane closures, lane shifts, and numerous detours in order to construct and install the sign truss assemblies.		
12/18 – 12/19	CAUSEWAY TOLL BRIDGE, URBAN FREEWAY CMAR: Jefferson Parish, LA. Independent Cost Estimator: David served as the Independent Cost Estimator (ICE) during the Pre-Construction Phase for the for the \$60 million Safety Bay Improvement CMAR Project. Under this contract, he participated with the Engineer, Contractor, ICE, and GNOEC (Owner) through the CMAR pre-construction phase performing independent cost estimates that were used as the basis for negotiations with the construction contractor (Boh) to develop several Guaranteed Maximum Price contracts.		
06/19 – 07/19	H.004100 / I-10 WIDENING BATON ROUGE, URBAN FREEWAY CONSTRUCTABILITY AND ADVISORY SERVICES: EBR and WBR Parishes, LA. Cost Estimator: As an Engineer on this project, David brought his estimating experience gained from sister-company CEC Contractors to the team to estimate construction costs from a Contractor's perspective for the I-10 Widening project. Project complexities such as maintenance of traffic and phased bridge construction over extended time frames were a major consideration. The contractor-style cost estimates were broken into multiple individual projects for phased implementation to assist in cash flow analysis within budget constraints.		

Prime consultant firm name: **ECM Consultants, Inc.**

09/17 – 6/18	I-10 BRIDGE AND PAVEMENT REHABILITATION: Lake Charles, LA. <i>Project Lead:</i> David was the Project Manager and Chief Estimator for this LADOTD project which consisted of end bent joint replacements and roadway expansion joint rehabilitation for 21 bridges along the I-10 corridor through Lake Charles, LA. CEC implemented multi-phased traffic plans for each direction of I-10 consisting of lane closures, lane shifts, ramp closures and detour layouts for nearly 5 miles. Approximately 500 temporary precast concrete barriers were utilized in conjunction with over 26 miles of temporary pavement markings.
03/14-Present	HARVEY CANAL BASCULE BRIDGE at 4th Street, Harvey, LA - <i>Project Lead:</i> David is the Project Manager for installation, adjustment, and testing of the movable bridge machinery. He developed details and specifications for the installation sequence of the curved tread and flat track segments for the rolling lift bascule bridge.
04/14 – 11/16	WESTBOUND US 84 MISSISSIPPI RIVER BRIDGE: Adams County, MS. <i>Project Lead:</i> David was the project Manager and Chief Estimator for this MDOT bridge rehabilitation project to perform installation of temporary bypass systems, pin and link removal and installation, line boring of existing truss chords, and installation of temporary crossover roads in Natchez, MS.
07/12 – 10/14	HOUMA NAVIGATION CANAL BRIDGE REHABILITATION: Houma, LA. <i>Project Lead:</i> David was the project Manager and Chief Estimator for this LADOTD bridge rehab project to perform bridge modifications including structural steel modifications, a new operator's house, hydraulic units, electrical power, and a new fender wall system.
02/11 – ongoing	DANZIGER BRIDGE RE-DECKING & REHABILITATION: Orleans Parish, LA. <i>Project Lead:</i> David was the project Manager for repairs including replacing lift span cables, structural repairs, replacing bridge machinery, deck resurfacing, and repainting. balance the spans.

993116. Staff Experience:			
Firm employed by Huval & Associates, Inc			
Name	David S. Huval, Sr., P.E., P.L.S.		Years of experience with this firm/employer
Title	President		Years of experience with other firm(s)/employer(s)
Degree(s) / Years / Specialization		Post Graduate Work /Structural, 08/66-05/69 B.S./1961/ Civil Engineering (Structural)	
Active registration number / state / expiration date		9931/LA/03/31/2025 (PE) 2015/LA/03/31/2025 (PLS)	
Year registered	1965/1965	Discipline	Civil Engineering and Land Surveying
Contract role(s) / brief description of responsibilities		Principal Engineer- Dispute Resolutions for Fixed and Movable Bridges	
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 time specified in the applicable MPR(s)		
12 Years of Experience	<p><i>David Huval, Sr. has designed, Inspected, Rated and Constructed Bridges across Louisiana and the Southeastern United States for the past 57 years. His experience includes Highway and Railroad Bridges, Roadways, Cofferdams and Caissons, and he is familiar with Federal and State Government Procedures and the geographic area. Mr. Huval leads construction bid estimates for his sister company C.E.C., Inc. He has designed and managed a number of large projects as a Consultant, General Manager for a Steel Erection Contractor, Bridge Design Engineer for Louisiana Department of Transportation and Development (LADOTD), and Highway Engineer for the Federal Highway Administration (FHWA).</i></p> <p><i>Since 1989, Mr. Huval has served as President of Huval & Associates, Inc., where he has worked as a Project Engineer, Project Manager, Quality Assurance Officer, and participates directly as a Design Engineer. Mr. Huval is also a Professional Land Surveyor. David Huval, Sr., was the Lead Engineer for seven (7) separate Bridge Rehabilitation Retainer Contracts that HUVAL has had with the LADOTD over the past eighteen (18) years. Inspection, Repair, Rehabilitation or Replacement Services were performed for several hundred fixed and movable bridge structures under these Retainer Contracts, including the I-10 Calcasieu River Bridge, the LA 70 Sunshine Bridge, I-310 Mississippi River Bridge, US 80 Louisville Street Bascule Bridge in Monroe, Jackson Street Bridge over the Red River in Alexandria, LA 511 Red River Bridge (Jimmie Davis Bridge), and dozens of bridge structures on the future I-49 North corridor.</i></p>		
2012 – 2018	Retainer Contract for Bridge Preventive Maintenance Program (BRPM) – Statewide, Contract No. 440002537 - Principal and Lead Bridge Design Engineer for Retainer Contract. Responsible for Task Order conceptual design, oversight, construction support services and QA/QC. Retainer Contract currently consists of 7 Task Orders.		
2011 – 2017	Retainer Contract for Bridge Preservation Services – Statewide, S.P. 700-99-0488- Principal and Lead Bridge Design Engineer for Retainer Contract. Responsible for Task Order conceptual design, oversight, construction support services and QA/QC. Retainer Contract currently consists of 19 Task Order with supplements.		
2008 – 2012	Retainer Contract for Urgent Bridge Repair and Rehabilitation Services – Statewide, S.P. 700-99-0449 - Principal and Lead Bridge Design Engineer for Retainer Contract. Responsible for Task Order conceptual design, oversight, construction support and QA/QC.		
2007 – 2011	Retainer Contract for Bridge Preservation Services – Statewide, S.P. 700-99-0431 - Principal and Lead Bridge Design Engineer for Retainer Contract. Responsible for Task Order conceptual design, oversight, construction support.		

Prime consultant firm name: **ECM Consultants, Inc.**

2000-2009	District 02, 03 and 07 Inspection and Rehabilitation, S.P. 700-99-0232 - Principal, Project Manager and Lead Design Engineer for Retainer Contract. Responsible for coordination, project setup, conceptual design, design details and calculations, traffic control, oversight, construction support and QA/QC.
1994-1998	District 02 Major Bridge Inspection (Jefferson and Orleans Parish), S.P. 700-30-0205 (1994 – 1997) - Inspected the bridges along other team members of Huval & Associates. Prepared final Inspection Report and wrote QA/QC Plan for the Project. Bridges include the US-11 Bridge on Lake Ponchartrain, I-10 Bridge on Lake Ponchartrain and LA-1 Bridge on Caminada Bay.
2003	Mississippi River Bridge (Natchez) Provided the construction engineering for the repairs of the steel trusses on both the east and west bound trusses.
1997 – 2005	I-310 Mississippi River Bridge (Luling) - Design of Finger Joints replacing Modular Joints, Asphalt and Concrete Overlays and Design of Joint Replacements. Project also included Inspection of various items of the bridge.
1991-Present	St. Martin Parish Bridge Inspection (1991 – Present) - From 1991 to present, Mr. Huval has been involved in the Inspection and Rating of Bridges for the Parish of St. Martin. This work also included the design of Bridge Repair Projects, in particular the retrofit of Timber Piling on Precast Bridges. Bridges included one Pontoon Bridge, one Swing Span Bridge and numerous Timber and Precast Concrete Bridges.
1979 – 1989	Lafayette Steel Erector, Inc. During this period David S. Huval, Sr. provided construction engineering and project management on the erection of structural steel girder, truss spans, prestressed concrete girder spans, segmental post tension, concrete girder spans and moveable bridges, including swing spans, vertical lift bridges, and bascule spans.
1965-1978	<p>LADOTD – Bridge Design Engineer, 1965 - 1978</p> <ul style="list-style-type: none"> • Bridge Design, (1965 – 1978) - Participated in the development of numerous bridge standards on Prestressed Concrete Girders, Piles, Stay-in-Place Forms, Bridge Decks, Joints, Structural Steel Bridges, Movable Bridges, and Timber Bridges. Participated in the planning, design and construction of bridge structures throughout the State of Louisiana, including numerous major bridge structures such as the I-310 Mississippi River Bridge at Luling, I-55 Sixteen Mile Long Bridge from LaPlace to Ponchatoula, I-10 Pressure Relief Canal Bridge, Red River Bridge at Barksdale, and Ellender Ferry Vertical Lift Bridge. • Bridge Maintenance, (1965 – 1970) - Coordinated with the Bridge Maintenance Engineer, C.J. Russell, on the development of Design and Details for bridge maintenance projects throughout the State of Louisiana. • National Bridge Inspection Program, (1970 - 1978) - Participated with the AASHTO sub-committee on Bridges for the Development of Standards, including Load Factor applications on Bridge Evaluation and Ratings. • Statewide Bridge Rating, (1975 - 1978) - Participated in the development of the Bridge Load Ratings Criteria, which was used to establish the State Statues on Bridge and Roadway Loadings.

16. Staff Experience:

Firm employed by GOTECH, Inc.			
Name	Bruce Dyson, P.E., P.L.S.		Years of experience with this firm/employer 29
Title	Engineering & Surveying Manager		Years of experience with other firm(s)/employer(s) 16
Degree(s) / Years / Specialization		Bachelor's-of-Science / 1978 / Civil Engineering	
Active registration number / state / expiration date		P.E. License No. 20162 / LA / 3-31-2026; P.L.S. License No. 4670 / LA / 3-31-2026	
Year registered	1982; 1992	Discipline	Registered Professional Civil Engineer; Professional Land Surveyor
Contract role(s) / brief description of responsibilities			
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
45 Years of Experience	<p><i>Mr. Dyson has been involved in a variety of survey projects. He is experienced in the areas of civil engineering, project management, construction administration and management, and cost estimating. Specific areas of expertise include drainage improvements, land surveying and flood control.</i></p> <p><i>Mr. Dyson has supervised up to five survey crews at GOTECH working on a variety of public and private contracts such as contracts with LA DOTD, US Army Corps of Engineers, Federal Aviation Administration, Parish governments, and New Orleans Sewerage & Water Board.</i></p> <ul style="list-style-type: none"> ▪ <i>Traffic Control Technician – ATSSA Expires 06/21/2026</i> ▪ <i>Traffic Control Supervisor – ATSSA Expires 06/22/2026</i> ▪ <i>Registered Flagger – ATSSA Expires 08/04/2026</i> 		
04/15 - Present	<p>Acadian Rd Roundabout, Route LA 20 (Canal Blvd) & Local Routes (Back Street, Jackson Street, Thompson Place), Thibodaux, LA - Mr. Dyson was the Engineering / Survey Manager providing professional supervision and project management oversight for the right-of-way mapping services to support parcel acquisition required for design of a new road roundabout in Thibodaux, Louisiana. Project included field property surveys performed to DOTD survey standards and parcel title work reviews of affected properties. Final right-of-way map and parcel description deliverables, along with MicroStation parcel mapping files, were reviewed and submitted in accordance with established DOTD Location and Survey delivery requirements.</p>		
10/17 - 03/18	<p>I-10 at Morrison Rd Interstate Lighting, Orleans Parish, LA – Mr. Dyson provided project oversight as Engineering / Surveyor Manager with supervision and project management of topographic surveys to support various interstate lighting design projects. The projects included static GPS control surveys and topographic field surveys performed to DOTD survey standards within the full limits of the highway interchange. The survey field information gathered included roadway surface features, drainage structures, designated subsurface utility locations, and structure data on elevated portions of the interstate bridge overpass. Final deliverables, and MicroStation mapping files, were certified and submitted in accordance with established DOTD Location and Survey delivery requirements.</p>		
02/14 - 11/16	<p>LA Hwy 431 at LA Hwy 934 Intersection Improvements, Ascension Parish, LA – Mr. Dyson was the quality control reviewer for the Hwy 431 / 934 Intersection Improvements project. GOTECH provided topographic surveying and mapping services for the project. The work was located in Ascension Parish on what are currently two-lane highways with narrow shoulders and adjacent open ditch drainage. GOTECH field crews obtained field data in a format that was used in MicroStation CADD drawings with Inroad's software. GOTECH also mapped the data in an AutoCAD version for the designers to use. The topographic map showed existing features as pavement, ditches, culverts, lighting, signs,</p>		

Prime consultant name: **ECM Consultants, Inc.**

	utility poles, traffic controls, driveways, and other utilities. GOTECH also developed an existing drainage map for the project. The watershed covered approximately 25 acres of contributing drainage area.
10/12 - 12/14	I-10 (LA 30 to LA 22), Ascension Parish, LA – Mr. Dyson was the quality control reviewer for the Interstate 10 project in Ascension Parish. The project included a segment of the Interstate from LA Hwy 30 to LA Hwy 22. Cross Sections were taken from right-of-way line to right-of-way line to provide data for the Interstate widening design. Overpass details were obtained to show bridge details, bent locations, piling spacing and clearance dimensions.
09/07 - 09/13	New Orleans Submerged Streets Repair-Permanent Repair to Federal Aid Eligible Roads as a Result of Damage Due to Hurricane Katrina in 2005 - Mr. Dyson was the Engineering Coordinator for this project. GOTECH provided topographic surveying, preliminary and final roadway plans, and construction support for the project streets located in Jefferson and Orleans Parishes.
02/06 - 08/11	John James Audubon Bridge Design/Build Project, St. Francisville, LA - Mr. Dyson was an assistant design engineer on the project, performing quality control reviews on the construction documents. The cable-stayed bridge structure crossed the Mississippi River linking the St. Francisville area with the New Roads community. Approximately 3.5 miles of mainline and sideroad network were designed by GOTECH. The project involved intersection designs, drainage analysis, alignment geometric designs, profile/grade analysis and cost estimating.

Prime consultant name: ***ECM Consultants, Inc.***

16. Staff Experience:

Firm employed by: A P S Engineering and Testing, LLC			
Name	Sergio Aviles, P.E., M.ASCE		Years of experience with this firm/employer 12
Title	President		Years of experience with other firm(s)/employer(s) 10
Degree(s) / Years / Specialization		BS Civil Engineering/ 2001/ Civil Engineering	
Active registration number / state / expiration date		0033571/ LA / 03-31-2026	
Year registered	2007	Discipline	Civil
Contract role(s) / brief description of responsibilities		QA/QC field testing	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
22 years of experience	<u>TRAINING:</u> <i>NHI certifications Courses: Design & Implementation of Erosion & Sediment Control, Driven Pile Foundation Inspection and Design, Drilled Shaft Inspection, Design of Mechanically Stabilized Earth Walls and Reinforced Soil Slopes, and Design of Drilled Shafts Foundation. Pile Dynamic Analysis (PDA), WEAP, & CAPWAP Microsoft Visual Studio .NET programming course at LSU, and Microsoft Office Suite. WorkZone Traffic Technician and Flagger Certifications</i>		
11/22–Present	Project No. H.001344 US 190: LA 437 to US 190 BUS: The scope includes conducting testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures. A P S performed a total of 8 PDA during construction monitoring.		
03/23–Present	Project No. H.0041005.5 and .6: I-10 LA415 to Essen Lane on I-10 and I-12: The scope includes conducting testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures A P S is currently proving PDA testing.		
01/22–5/24	Project No. H.001352.6 and H.002273.5: Comite River Diversion Bridge at LA 67, LA 19, and LA 19 RR Bridge: The scope includes conducting testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures. A P S performed a total of 4 PDA during construction monitoring.		
01/19–Present	Project No.2012-FEMA-1B-1: Westend Group: The scope includes is to conduct testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures.		

Prime consultant name: **ECM Consultants, Inc.**

05/19–Present	Phase II Project No. H.011798: Airline Park Blvd (Camphor-West Napoleon): The purpose is to conduct testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures.
04/19–Present	Project No. H.011795: Westwood Drive (WB Expressway to Lapalco): The purpose is to conduct testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures.
05/18–12/20	Project No.H.009250: I-10: Highland to LA 73: The purpose was to conduct testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures.
04/18–11/18	Phase I Project No. H.011798: Airline Park Blvd: The purpose was to conduct testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures.

Prime consultant name: ***ECM Consultants, Inc.***

16. Staff Experience:

Firm employed by: A P S Engineering and Testing, LLC				
Name		Joseph Layton	Years of experience with this firm/employer	5
Title		Senior Technician	Years of experience with other firm(s)/employer(s)	8
Degree(s) / Years / Specialization		Density Testing Embankment and Base Course (C 0303B) Nuclear Gauge Safety Certification ACI Certified		
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Senior Field Technician		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
13 years of experience	<i>Mr. Layton has 13 years of experience. His certifications include Density Testing Embankment and Base Course (C 0303B) Nuclear Gauge Safety Certification, and ACI.</i>			
11/21-Present	Project No. H.013897: College Drive Flyover- The scope includes conducting testing on the subsurface, base and concrete placement at the site to enable an evaluation of acceptable standards for the proposed roadway structures. Mr. Layton is the senior field technician on site assign to perform testing for this project			
11/19-Present	Project No. H.008145.8: LA 1 Golden Meadow to Leeville- The purpose is to conduct testing on the subsurface, base course, and concrete placement at the site to enable an evaluation of acceptable standards for the proposed roadway structures. Mr. Layton is the senior field technician on site assign to perform testing for this project.			
01/23-Present	Project No. 011098.6: LA 30 South Blvd. to W. Chimes St.- The purpose is to conducted testing on the subsurface, base course, and concrete placement at the site to enable an evaluation of an acceptable standards for the proposed roadway structures. Mr. Layton is the senior field technician on site assign to perform testing for this project.			
05/18-01/20	Project No. H.009250: I-10- Highland to LA 73- The purpose was to conduct testing on the subsurface, base course, and concrete placement at the site to enable an evaluation of acceptable standards for the proposed roadway structures. Mr. Layton was the senior field technician on site assign to perform all field testing for this project.			
01/19- 11/20	Project No. 2012-FEMA-1B-1-Westend Group- The purpose was to conducted testing on the subsurface, base course, and concrete placement at the site to enable an evaluation of an acceptable standards for the proposed roadway structures. Mr. Layton was the senior field technician on site assign to perform all field testing for this project.			
04/19 -06/20	Project No. H.011795: Westwood Drive (WB Expressway to Lapalco)- The purpose was to conduct testing on the subsurface, base course, and concrete placement at the site to enable an evaluation of acceptable standards for the proposed roadway structures. Mr. Layton was the senior field technician on site assign to perform all field testing for this project.			
05/19 -12/20	Project No. H.011798: Airline Park Blvd (Camphor-West Napoleon) Phase II- The purpose was to conduct testing on the subsurface, base course and concrete placement at the site to enable an evaluation of an acceptable standards for the proposed roadway structures. Mr. Layton was the senior field technician on site assign to perform all field testing for this project.			
04/18 – 12/20	Project No. H.011798: Airline Park Blvd I- The purpose was to conduct testing on the subsurface, base course and concrete placement at the site to enable an evaluation of an acceptable standards for the proposed roadway structures. Mr. Layton was the senior field technician on site assign to perform all field testing for this project.			

Prime consultant name: **ECM Consultants, Inc.**

17. Firm Experience:

Identify the team's project experience **most relevant** to the scope in the advertisement. The projects should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a single sub-consultant, all projects identified after the first 3 from that sub-consultant will not be evaluated. Include no more than one page per project. Projects identified shall only include work performed by firms on the team. The projects identified do not necessarily need to have been DOTD projects.

Firm Name	ECM Consultants, Inc.			Past Performance Evaluation Discipline(s)*	CE&I/OV
Project Name	Severn Avenue Corridor Improvements (Veterans Blvd. to W. Esplanade)			Firm responsibility (prime or sub?)	Prime
Project number	H.011752		Owner's name	LADOTD/Jefferson Parish	
Project location	Metairie, Jefferson Parish, Louisiana		Owner's Project Manager	Mark Drewes, P.E./Kevin Rizzo, P.E. (DOTD)	
Owner's address, phone, email	1221 Elmwood Park, Jefferson, LA-70123, 504-736-6511, MDrewes@Jeff Parish.net/504.250.1669, kevin.rizzo@la.gov				
Services commenced by this firm (mm/yy)	07/20	Total consultant contract cost (\$1,000's) (Design + CE&I)			\$1,659
Services completed by this firm (mm/yy)	12/22	Cost of consultant services provided by this firm (\$1,000's)			\$1,507

ECM provided construction contract administration and **construction engineering and inspection (CE&I)** services for this **\$14 million** Urban Systems Project involving improvements to this **6-Lane divided, major Portland Cement Concrete (PCC)** roadway with grass median. Severn Avenue corridor is the most heavily travelled busy street in Jefferson Parish with businesses on both sides, including Lakeside mall on east side. The purpose of the project is to make Seven Avenue corridor pedestrian friendly complete street. As a part of the Federal Aid Urban System program, all engineering design and plan preparation was performed in accordance with LADOTD standards and guidelines.

Work includes new 3 lanes each for North and South bound PCC roadway, widening and improvements to roadway intersections, modifications to traffic signals including new pedestrian signals, new decorative streetlights; new 8-foot-wide brick paved sidewalks with ADA compliant ramps; new landscaping including irrigation system, roadway striping and a dedicated bike lane with buffer and construction of ten parklets with pavers, benches, potted plantings, bike racks, etc.

ECM provided project management, engineering designs, prepared plans, specifications and estimates (PS&E) including sequence of construction plans, traffic detour plans. ECM provided coordination with JP-DPW, LADOTD, JP Council, RPC, various utility entities and subconsultants.

ECM's responsibilities for **CE&I services** included but not limited to the following: scheduling and conducting the pre-construction meeting; maintaining all construction field records; making daily entries in the project diary and **entering in SiteManager**, monitoring construction work to make sure that all work is being performed in conformance with plans and specifications.

ECM's on-site inspector was responsible for monitoring contractor's safety compliance. Inspectors kept clear and concise records of the construction operations; coordinated with testing lab for field compaction testing, as well as sampling, collecting, and transporting samples to Testing laboratory. for testing.

ECM's Project engineer coordinated with the LADOTD project coordinator, Parish Engineer, and representatives of utility companies for relocations/adjustments of utilities at the construction site, facilitated quick processing of RFIs and change requests. Project engineer also reviewed and verified monthly pay estimates, monthly progress reports, reviewed contractor's payroll data for contract conformance and DOTD requirements and prepared plan changes for approved works. Project engineer supervised preparation of "As-Built" plans reflecting all changes made from the original plans. Project Engineer maintained all documents in chronological order, prepared Form 2059 and final estimate packages in conformance with DOTD requirements and submitted to DOTD.



Firm members working/will work on this project and used in this proposal:

**Ujjal DasGupta, P.E., Kazem Alikhani, P.E., Zachary Collier, P.E.,
Sunina Shrestha, PE, Kim Martinez, Mansoor Bajwa, EI**

Prime consultant name: **ECM Consultants, Inc.**

Firm Name	ECM Consultants, Inc.			Past Performance Evaluation Discipline(s)*	CE&I/OV
Project Name	LA 1: Leeville to Golden Meadow (Phase 2) Routes LA 1 & LA 3235			Firm responsibility (prime or sub?)	Prime
Project number	H.008145.2	Owner's name	LADOTD		
Project location	Lafourche Parish, Louisiana	Owner's Project Manager	Ryan Morvant, P.E.		
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, 225-379-1067, ryan.morvant@la.gov				
Services commenced by this firm (mm/yy)	02/22	Total consultant contract cost (\$1,000's)			\$26,192
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)			\$12,441

ECM is currently providing construction engineering and inspection (CE&I) services for this \$464 million elevated highway project in Lafourche Parish, LA. The project consists of 9.48-mile elevated concrete bridge structure and connect with an existing 9.0-mile Phase 1 Leeville bridge in Leeville, LA. This elevated highway project marshland is being constructed using "top-down" construction method by building a moveable 2,165' Steel Trestle bridge supporting the Equipment for building the Bridge below and connect Golden Meadow to Leeville. Once completed the overall project will be one of the longest bridges in Louisiana and the United States with over 18 miles of elevated highway. The project consists of precast concrete pile installation, drilled shafts, precast prestressed concrete girders, concrete bridge decks, T-wall construction, PCCP removal and replacement, installation of tolling equipment, and drainage improvements to existing roadways. The bridge will utilize 108-foot spans with 30-inch precast concrete piles. ECM inspected and documented all construction driving 18", 24" and 30" precast concrete piles, (532,217 linear feet total), placement of steel for bent caps and bridge decks, hanging of concrete girders, installing precast concrete caps and sampling and testing concrete for cap and bridge deck pours. ECM is also providing all materials sampling for the project and delivers the soil, aggregate, steel, concrete, asphalt and miscellaneous materials to the DOTD or private lab hired for this project.

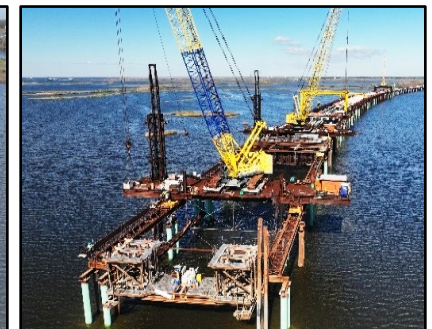
ECM's Quality Control team's responsibility included inspection and material testing related to all the construction operations. ECM's Quality Team is responsible for sampling and testing to ensure conformance with contract requirements. ECM's QC testing is used for Quality Acceptance by LADOTD.

ECM's duties include:

- Sampling and testing of construction materials
- Evaluating work performed by contractors and sub-contractors
- Providing written reports on a daily basis detailing progress using Headlight platform – DOTD's required program
- Keeping records on test results and entering them in the DOTD systems to keep records and to be able to assemble a 2059 report
- Entering all material testing data into site manager, site manager materials and

- Assisting with the coordination of QC related activities with LADOTD, their stakeholders and other entities
- Assembling change orders when necessary
- Review LADOTD plant inspection records and verifying that testing equipment is in compliance
- Reviewing and approving mix designs for asphalt and concrete to ensure that they meet requirements

ECM is managing all construction submittals and RFI's and coordinates with LADOTD designers and construction personnel to resolve issues. Change orders and Payment estimates for the project are also generated by the ECM Project Manager. ECM is providing engineering reviews of materials test results and utilizing LADOTD specialty software for tracking materials and test results for final project closeout. The ECM inspectors are also using the LADOTD HEADLIGHT documentation system for inspection and material quantity tracking. This system allows for immediate documentation in the field to provide photos, measurements and quantities.



Firm members working/will work on this project and used in this proposal:

**Ujjal DasGupta, P.E., Kazem Alikhani, P.E.,
Chad Vosburg, PE, Gary Gisclair, P.E., Kim Garlington, P.E., Matthew Mire, P.E.**

Prime consultant name: **ECM Consultants, Inc.**

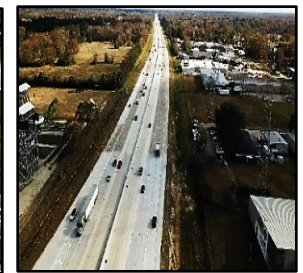
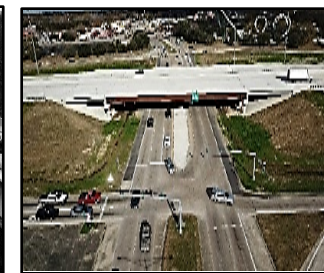
Firm Name	ECM Consultants, Inc.			Past Performance Evaluation Discipline(s)*	CE&I/OV
Project Name	I-10 Widening: Highland to LA 73- Design-Build			Firm responsibility (prime or sub?)	Sub
Project number	S.P. No. 009250		Owner's name	LADOTD	
Project location	East Baton Rouge & Ascension Parish, LA			Owner's Project Manager	Peggy Jo Paine
Owner's address, phone, email	PO Box 94245, Baton Rouge, LA 70604 ; 225-379-1065; peggy.paine@la.gov				
Services commenced by this firm (mm/yy)	08/17	Total consultant contract cost (\$1,000's)			\$3,214
Services completed by this firm (mm/yy)	10/20	Cost of consultant services provided by this firm (\$1,000's)			\$2,700

ECM is providing **Construction Quality Acceptance (CQA) services for this \$72 million design-build project** to widen I-10 from four to six lanes in both east and westbound directions, adding deceleration and acceleration lanes at the Highland Road and LA 73 interchanges, and bridge construction including replacing I-10 bridge over Highland Road, widening and rehabilitating I-10 over Bayou Manchac, increasing the vertical clearance and rehabilitating LA 928 bridge over I-10, and replacing I-10 bridge over LA 73. The project includes two bridge construction including pile driving, installing prestressed concrete girders, bridge deck and rehibition of two bridges over I-10, elevated roadway, on grade roadway including earthwork, subbase and base, drainage, utilities relocation, PCC pavement, concrete barrier railing, roadway lighting and striping. ECM's Quality Acceptance team of engineers and LADOTD certified inspectors are responsible for verifying that the work is performed in compliance with the project's plans and specifications and our CQAM is the designated point of contact with LADOTD, and the PM on all CQA related issues.

ECM's Quality Acceptance duties include :

- Managing Construction Quality Acceptance activities as per the Construction Quality Management Plan (CQMP), verifying implementation and compliance to it as well as maintenance of the CQMP
- Evaluating the quality of work performed by contractor, subcontractors, and suppliers.
- Verifying that Quality Records attesting to the quality of the Work, as required by the Contract Documents, are prepared, maintained and stored throughout the term of the contract, and uploaded to the electronic QA documentation ion **ProjectWise** database
- Performing source evaluations and approval of material suppliers in accordance with the contract documents
- Reviewing LADOTD plant inspection records, establishing a calibration system for QA inspection and test equipment and ensure that they are properly maintained.
- Verifying work performed conforms to plans and specifications by certified inspectors for QA acceptance inspections and tests of construction Work
- Providing testing data to LADOTD for statistical analysis

- Entering all QA material test data into QA documentation in **ProjectWise**.
- Coordinating Quality Assurance related activities with LADOTD, their stakeholders, and any other third-party inspection agencies, and utility entities.
- Providing written reports on the progress of the construction
- Coordinating with LADOTD and stakeholders for independent testing and verification
- Performing Quality Assurance material inspection, sampling and testing
- Performing independent inspection of work to verify and document that development work has been constructed in conformance with the requirements and released for construction documents
- Preparing and issuing Nonconformance Reports (NCR), transmitting to Design-Builder & LADOTD
- Preparing Form 2059, maintaining hard copies of all records and documentation, and uploading all records into **ProjectWise**.



Firm members working on this project and used in this proposal:
Ujjal DasGupta, P.E., Kazem Alikhani, P.E., Blake Guidry, P.E.,
David Waller, Mark Sanchez, Kim Martinez, Robert Brown

Prime consultant firm Name: **ECM Consultants, Inc.**

Firm name	ECM Consultants, Inc.		Past Performance Evaluation Discipline(s)*	CE&I/OV
Project name	I-110: Interchange Modification at Terrace		Firm responsibility (prime or sub?)	Prime
Project number	State Project No. H.012422.6-1, F.A.P. No. H012422		Owner's name	LADOTD
Project location	Route I-110 East Baton Rouge Parish		Owner's Project Manager	Michael Donmyer
Owner's address, phone, email	1201 Capital Access Road, 225-231-4103, Michael.donmyer@la.gov			
Services commenced by this firm (mm/yy)	05/18	Total consultant contract cost (\$1,000's)		\$527
Services completed by this firm (mm/yy)	2020	Cost of consultant services provided by this firm (\$1,000's)		\$525

ECM provided **Construction Inspection services** for this \$8.8 million I-110 - Terrace Avenue Interchange project that will provide connectivity from I-110 southbound to the existing I-10 eastbound at the Washington Street exit. The project consists of an exit ramp that is constructed on the left side of I-110 southbound allowing traffic to exit onto Terrace Ave. Project involved inspection of all construction work that included removal of an existing steel girder bridge span, construction of new bridge on 19 drill shafts that consisted of 6-24" shafts, 2-36" shafts, 2-48" shafts and 9-96" shafts ranging in length from 55' to 102'. Additionally, this project also included widening of the I-110 southbound roadway span, installation of new signage and the installation of poles with new camera equipment to monitor traffic. Bridge super structure construction included CIP bents and columns, steel girder span and concrete deck concrete barrier railing, etc. The roadway work included: clearing and grubbing, grading, drainage structures, lime treatment for subbase, class II base course, PCC pavement, intelligent transportation system, and related work. ECM's Responsibilities also included verification of construction layout, sampling and testing, delivery of samples to LADOTD lab and completing all inspection diaries, daily reports and as-built recordation etc. and entering all data including test reports in Site Manager as required by the contract and the DOTD Project Engineer.

ECM's CE&I team included engineers and LADOTD certified inspectors who were responsible for verifying that the work is performed is in strict compliance with the project's plans and specifications with high standard of workmanship meeting all requirements of LADOTD.

ECM's responsibilities for CE&I services in general included but not limited to the following:

- Scheduling and conducting the pre-construction meeting
- Maintaining all construction field records; making daily entries in the project diary
- Coordinating with the contractor and LADOTD Project Engineer
- Inspecting the contractor's construction operations (daily) to ensure that all work is performed in accordance with the contract documents
- Keeping clear and concise records of the contractual operations
- Keeping record of work quantities on daily basis
- Monitoring safety compliance

- Keeping record of work quantities on daily basis
- Monitoring safety compliance
- Preparing monthly pay estimates, and making monthly progress reports
- Preparing all documentation and entering in the
- SiteManager
- Monitoring and documenting all construction claims
- Managing RFIs and Change Requests from contractor
- Reporting deficiencies to the contractor for correction and simultaneously notifying LADOTD
- Attending substantial completion inspection and preparing "Punch List"
- Attending final inspection and verify completion of punch List items.
- Preparing "As-Built" plans, final estimate packages Including Form 2059 and submitting to LADOTD.



Firm members involved in in this project and used in this proposal: Kazem Alikhani, P.E., Robert Brown, Mark Sanchez

Prime consultant firm Name: **ECM Consultants, Inc.**

Firm name	ECM Consultants, Inc.		Past Performance Evaluation Discipline(s)*	CE&I/OV
Project name	Bayou Lafourche Movable Bridge at Larose		Firm responsibility (prime or sub?)	Prime
Project number	S.P. No. 064-05-0085	Owner's name	LADOTD	
Project location	Lafourche Parish, LA		Owner's Project Manager	Chris Rogers, P.E.
Owner's address, phone, email	PO Box 94245, Baton Rouge, LA 70604; 985-447-0943; chris.rogers@la.gov			
Services commenced by this firm (mm/yy)	06/09	Total consultant contract cost (\$1,000's)		\$2,577
Services completed by this firm (mm/yy)	10/16	Cost of consultant services provided by this firm (\$1,000's)		\$2,377

ECM provided construction **contract administration and Construction Engineering and Inspection (CE&I) services for construction of a \$32 million** vertical lift bridge located in Lafourche Parish. This project also included approach roadways and roadway modifications. This new bridge replaced the existing LA 310 bridge at LA 657 extension to LA 308. This project is the third largest ARRA funded transportation project in the state of Louisiana.

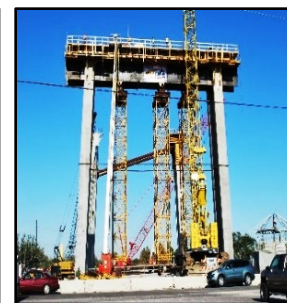
The bridge boasts one of the largest single span lift bridge in the state of Louisiana which measures 122' by 84.' Each end of the lift span is raised on dual columns towering 96' in height, with sheaves measuring 13' in diameter and weighing in at 60,000 pounds. Each approach to the bridge is composed of three 20' spans and an approach slab. The project also included drainage installation, roadway widening, and construction of a new operator control house.

ECM's work scope included inspection of marine pile driving, piers construction, concrete tower columns; the installation of structural steel girder framed movable sections including sheaves, cables, etc.; operator's building; welding; bolted connections; anchor bolts; concrete approaches; and roadway reconstruction, etc. Services also included inspection of all electrical and mechanical works, and surface preparation and field painting/protective coating of main deck span, lift heads, & mechanical components.

ECM's scope of work for CE&I services included but not limited to the following:

- Scheduling and conducting the pre-construction meeting.
- Reviewing and implementing LADOTD prepared sampling and testing plan
- Maintaining all construction field records; making daily entries in the project diary
- Coordinating with the Parish Engineer, LADOTD Project Coordinator, and Coast Guard,
- Coordinating with representatives of all utility entities for relocations and adjustments of utilities facilities at the construction site
- Inspecting the contractor's construction operations (daily) to ensure that all work is performed in accordance with the specified plans and specifications
- monitoring contractor's safety compliance
- Keeping clear and concise records of the contractual operations
- Sampling and delivering samples to DOTD laboratory for lab testing

- Coordinating with Testing Lab for sampling and field testing
- Keeping record of quantities of work items on daily basis
- Preparing monthly pay estimates, and making monthly progress reports
- Preparing all documentation and entering in the Site Manager
- Monitoring and documenting all construction claims
- Managing RFIs and Change Requests from contractor
- Reporting deficiencies to the contractor and for correction simultaneously notifying LADOTD
- Attending substantial completion inspection and preparing "punch list".
- Performing final inspection to verify completion of punch list items,
- Preparing and submitting "As-Built" plans
- Preparing Form 2059 and submitting final estimate packages to LADOTD



Firm members involved in this project and included in this proposal:
Ujjal DasGupta, P.E.
Emilio Rodriguez
Ben Dow
Kim Martinez

Prime consultant firm Name: **ECM Consultants, Inc.**

Firm name	Huval & Associates, Inc.		Past Performance Evaluation Discipline(s)*	Bridge
Project name	IDIQ Retainer Contract for Bridge Preservation Statewide		Firm responsibility (prime or sub?)	Prime
Project number	4400017262	Owner's name	LADOTD	
Project location	Louisiana Statewide		Owner's Project Manager	Andrew Windmann, P.E.
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70804-9245, (225)379-1074, Andrew.windmann@la.gov			
Services commenced by this firm (mm/yy)	05/2020	Total consultant contract cost (\$1,000's)		\$ 5,000
Services completed by this firm (mm/yy)	On- Going	Cost of consultant services provided by this firm (\$1,000's)		\$2,194

As the Prime, HUVAL is responsible for Preliminary and Final Plans, Surveying Services, Bridge/Structural Inspection and Evaluation, Design Peer Review, Load Rating of Bridges, and Construction Services. Projects performed using LRFD and LRFR design. Completed and On-going Task Orders include:

LA 454 over Wiggins Bayou Bridge and Roadway Replacement, T.O. H.012545.5: Preparing 90% and 100% preliminary plans and 60%, 90%, and 100% Final Bridge Design and Roadway Design Plans with estimated construction cost. Environmental and feasibility studies to realign the channel to mitigate future embankment erosion. The new structure will consist of LG 36 girder spans supported by concrete pile bents. Sub-consultants will perform geotechnical and hydrology surveys.

I-20 Bridge Evaluations and Median Barriers Design – US 165 East of Garret Road, T.O. H.014646.5 - Performing load ratings using the LRFR method, adhering to the latest DOTD BDEM. Repair and rehabilitation plans will be provided from the analysis while taking into account the future widening of I-20 and the effects of raising the existing structure to provide adequate vertical clearance for I-20. This will be determined in the bridge study which will look at the effects to the existing bridges, box culverts, roadway geometry, and proposed vertical clearance (16'6"). Submittals consist of Final Roadway, Bridge and Median Barrier Plans.

I-10 over I-49 Emergency Repairs, T.O. H.015412.5: Huval provided emergency design engineering for an emergency repair of the I-10 overpass over I-49. Performed detailed inspection of the damaged structure and designed a replacement section of three concrete girders and deck.

US 90-W: US 90 over Bayou Ramos Repairs, T.O. H.015114.5 : Huval is tasked with providing design engineering services for permanent bridge repairs for the LA 182 Bridge over Bayou Ramos. This included preparing a summary of the damage assessment, developing repair concepts, and creating detailed bridge repair plans. Huval also identified necessary traffic control measures, providing specifications, quantities, and an opinion of probable construction costs, as well as preparing an as-designed load rating report. The project required the submission of 60%, 95%, and 100% Final Repair Plans, with the 95% and 100% submittals including cost estimates and detailed specifications.

Team Members to be Utilized on Retainer:

David S. Huval, Sr., Supervisor Engineer, Principal

Thomas Gattle, Project Manager/Lead Design
Colby Guidry, Lead Bridge Design, Ratings, Bridge Inspections

Justin Peltier, Bridge Design, Inspections

Lee Hupperich, Movable Bridge Design, Construction Support

Reid Romero, Bridge Design, Ratings

Huval & Associates, Inc. is performing **100%** of the work for this project in the State of Louisiana.



Firm name	Huval & Associates, Inc.		Past Performance Evaluation Discipline(s)*	Bridge
Project name	Herman Dupuis Rd. Pontoon Bridge Replacement			Firm responsibility (prime or sub?) Prime
Project number	N/A	Owner's name	St. Martin Parish Government	
Project location	Butte La Rose, LA		Owner's Project Manager	Kasey Courville, P.E.
Owner's address, phone, email	P.O. Box 9, St. Martinville, LA 70582, (337) 394-2200, kcourville@stmartinparish.net			
Services commenced by this firm (mm/yy)	01/19	Total consultant contract cost (\$1,000's)		\$726
Services completed by this firm (mm/yy)	05/23	Cost of consultant services provided by this firm (\$1,000's)		\$726

Huval & Associates, Inc. (HUVAL) was contracted to provide all necessary engineering required for developing plans for the replacement of the Herman Dupuis Rd. Pontoon Bridge. The pre- existing single lane pontoon bridge was closed frequently due to high water levels and structural repairs as required.

HUVAL prepared Design and Construction Plans for a two lane 125 ft. unequal arm steel girder swing span with 145 ft. of concrete slab span approaches. The bridge structure had to be designed on existing alignment in a tight area under vertical constraints to minimize impact to the adjacent roadways, private property, water levels, and the Atchafalaya Basin Levee adjacent to the bridge. The HPU and control panel will be located on the structure to reduce construction cost by eliminating the need for an operator's house. The new bridge will better meet the needs of the community by increasing safety, traffic capacity, improving stopping sight distance, and eliminating closures due to water levels.

HUVAL's responsibilities on this project included the following:

- Structural design of the concrete slab span approach superstructure
- Structural and Geotechnical design of the slab span approach substructure
- Structural and Geotechnical design of the concrete substructure on the movable span
- Structural design of the steel superstructure on the movable span
- Mechanical and Hydraulic Systems design
- Electrical design
- Traffic barrier design
- Final plans were completed in 2021 and the job is now under construction. Huval is currently providing construction services including; shop drawing review, RFI's. Installation and operation inspection of mechanical systems, shop visits, site visits.
- Construction is complete and the bridge was fully opened in May of 2023.

Key Project Members:

David Huval, Sr., Principal, Structural Design, Construction Support

Nick Helminger, Roadway Design

Reid Romero, Lead Structural Design

Lee Hupperich, Lead Mechanical and Electrical Design, Construction Support

Colby Guidry, Structural Design and Support

Malcolm Huval, Mechanical and Electrical Design, Construction Support



Firm name	Huval & Associates, Inc.		Past Performance Evaluation Discipline(s)*	Bridge	
Project name	LA 336-1 Bayou Teche Bridge Rehab in Breaux Bridge			Firm responsibility (prime or sub?)	Prime
Project number	H.011485.5	Owner's name	LADOTD		
Project location	Breaux Bridge, Louisiana			Owner's Project Manager	Chris Guidry, PE
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70804, 225-379-1933, chris.guidry@la.gov				
Services commenced by this firm (mm/yy)	01/17	Total consultant contract cost (\$1,000's)			\$500
Services completed by this firm (mm/yy)	03/23	Cost of consultant services provided by this firm (\$1,000's)			\$500

Huval & Associates, Inc. (HUVAL) was originally contracted to perform an evaluation of the existing historic structure to determine the level of rehabilitation required to restore the bridge to a like new condition while preserving the historical features of the bridge. The bridge is listed as a Preservation Priority and HUVAL worked closely with the DOTD Bridge Design and Environmental Sections to ensure the requirements of the Programmatic Agreement were followed. The evaluation included a hands-on inspection of all components, a live load rating and a final report which summarized the findings and provide the DOTD with repair recommendations and estimated construction costs.

After finalizing the required repairs, Huval was issued a contract to prepare final rehabilitation plans to implement these repairs.

The design details included the replacement or rehabilitation of the following:

- Electrical equipment
- Paint system for structural steel
- Stringer bearings for approach spans
- Steel grid deck
- Rehab of movable traffic barriers
- Tower drive machinery rehab
- Span Locks
- Air Buffers
- Weighing and balancing of the movable span
- Epoxy overlay of the approach spans
- Modification of the bridge railing and sidewalk to comply with ADA requirements.

HUVAL also performed engineering construction services for the project.

Key Project Members:

David S. Huval, Sr., Principal,
Justin Peltier, Bridge Design Engineer
Lee Hupperich, Movable Design Engineer
Colby Guidry, Bridge Design QC/QA



HUVAL performed 100% of the work for this project in Louisiana.

Firm name	Gresham Smith		Past Performance Evaluation Discipline(s)*	Traffic
Project name	2020 RWD, WA #1, I-59 Meridian Lighting and ITS		Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	MDOT	
Project location	Meridian, Mississippi		Owner's Project Manager	David Seal. P.E.
Owner's address, phone, email	P.O. Box 1850, Jackson, MS, 39215 / 601.359.7001 / David.seal@mdot.ms.gov			
Services commenced by this firm (mm/yy)	09/20	Total consultant contract cost (\$1,000's)		\$319
Services completed by this firm (mm/yy)	12/22	Cost of consultant services provided by this firm (\$1,000's)		\$319

Gresham Smith was selected for this Work Assignment (WA) under existing MDOT Roadway Design master contract. The Project is a design build project and includes updating the Interstate lighting to LED along I-59 from 65th Avenue to SR 39 as a part of a bridge widening project. Gresham Smith provided Light Pole inspection, Phase A Lighting and ITS plans, a Systems Engineering Analysis Report, Design/Build document setup, and D/B Construction Administration support.

Gresham Smith has performed the structural inspection of the existing -interstate light poles and developed plans to replace deficient or missing poles. Gresham Smith is performing the lighting analysis and recommended 3 lighting fixture options using the Agi32 software. Once the options were narrowed down, an analysis of the fixtures was done for the entire corridor to determine foot candle levels that can be attained and how closely they will meet the AASHTO lighting requirements. Plans were developed that provided the preliminary conduit, power service points, fixture and electrical details. Preliminary voltage drop calculations were developed to help ascertain the expected power service point needs.

Additionally, conceptual plans were developed to connect traffic signals to the Traffic Management Center, add Closed-Circuit Television (CCTV) cameras, Dynamic Message Signs (DMS) and vehicle detection devices. This could provide traffic monitoring coverage and allow for remote operations and enhanced performance of traffic operations.

The primary purpose of the project is to create a safe and operational corridor for the project.



Personnel worked on this project and used in this proposal:

Daniel Knott, Julian Bordelon, PE and Christina Florez, PE

Prime consultant name: ***ECM Consultants, Inc.***

Firm name	Gresham Smith		Past Performance Evaluation Discipline(s)*		CE&I / OV / ITS	
Project name	LADOTD, Lake Charles ITS Phase 3 CEI			Firm responsibility (prime or sub?)		Prime
Project number	H.011500.6	Owner's name	Louisiana Department of Transportation and Development			
Project location	Lake Charles, Louisiana			Owner's Project Manager	Lucy Kimbeng, P.E.	
Owner's address, phone, email		1201 Capitol Access Road, Baton Rouge, LA / 225.379.2528 / lucy.kimbeng@la.gov				
Services commenced by this firm (mm/yy)		10/18	Total consultant contract cost (\$1,000's)			\$463
Services completed by this firm (mm/yy)		Ongoing	Cost of consultant services provided by this firm (\$1,000's)			\$372

Gresham Smith is performing Construction Engineering and Inspection services for LADOTD on the Lake Charles ITS Phase 3 construction project. The contractor is installing 12.76 miles of ITS infrastructure along I-210 in Calcasieu Parish, Louisiana. The project includes two communications hub sites, 4 dynamic message signs (DMS), 18 CCTV cameras, conduit, fiber optic cables, pull boxes, and electrical services. The DMS and CCTV sites include new foundations and structures.

Gresham Smith tasks include on-sight daily/nightly construction inspection, daily/weekly/monthly construction inspection reporting, construction management, pre-construction meeting, construction progress meetings, submittal coordination and tracking, sampling plan review, sampling plan coordination and documentation, verifying compliance documentation, claims processing and tracking, construction schedule review and tracking, SWPPP coordination, certified payroll review and exception resolution, monthly partial estimate reviews, change order processing, site manager updates, field diaries, commission test findings reporting, witnessing fiber optic cable testing and system integration testing, and final project file documents.



Personnel worked on this project and used in this proposal:

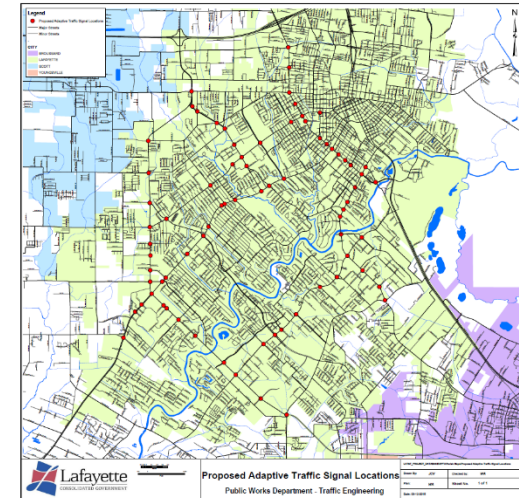
Bert Moore, PE, Daniel Knott, Christina Florez, PE, Julian Bordelon, PE, and Bud Smith

Prime consultant name: ***ECM Consultants, Inc.***

Firm name	Gresham Smith		Past Performance Evaluation Discipline(s)*		Traffic	
Project name	LADOTD, Traffic Engineering Retainer Contract TO#6: LCG Adaptive Traffic Signal			Firm responsibility (prime or sub?)	Prime	
Project number	H.012018.5	Owner's name	Louisiana Department of Transportation and Development			
Project location	Lafayette, Louisiana			Owner's Project Manager	Andre Fillastre, P.E.	
Owner's address, phone, email		1201 Capitol Access Road, Baton Rouge, LA / 225.242.4646 / andre.fillastre@la.gov				
Services commenced by this firm (mm/yy)		10/18	Total consultant contract cost (\$1,000's)			\$813
Services completed by this firm (mm/yy)		05/24	Cost of consultant services provided by this firm (\$1,000's)			\$813

Gresham Smith was selected to upgrade all of the traffic signals in Lafayette, Louisiana and install Adaptive Traffic Signal Control (ATSC) along eight major corridors. This project included performing traffic signal inventories for all 190 traffic signals that are maintained by LCG. Once the inventories were performed, design plans were developed for traffic signal controller upgrades for all of the traffic signals to be upgraded from Trafficware 980 TS2 traffic signal controllers to Trafficware 980 ATC traffic signal controllers and the installation of a new emergency vehicle preemption system from Applied Information.

Of the 190 traffic signal locations, 78 intersections will have Synchro Green Adaptive Traffic Signal Control implemented into the project. Gresham Smith designed plans to upgrade the existing vehicle detection systems at these adaptive intersections to meet the needs of the new adaptive system. Gresham Smith performed a before study to measure the average travel times of the corridors without the Adaptive Traffic Signal Control. This data will serve as a baseline to measure the effect of the new system on travel times in Lafayette. As part of this Before Study, Gresham Smith was also able to deploy our MPATH system to measure the stress of the test drivers based on location. This information is incorporated into a GIS database that allows for easy map based visualization of stressful locations that could indicate near misses or other previously undiscoverable issues on the corridor.



Gresham Smith assisted with the implementation and integration of the adaptive system and the emergency vehicle preemption system. Gresham Smith has successfully completed the installation of other adaptive traffic signal systems in numerous states. Upon completion of this project, this will be the largest adaptive traffic signal system in Louisiana.

Personnel worked on this project and used in this proposal:

**Bert Moore, PE, Christina Florez, PE, Bud Smith, Julian Bordelon, PE,
Daniel Knott, and Alben Cooper, PE**

Prime consultant name: **ECM Consultants, Inc.**

Firm name	GOTECH, Inc.	Past Performance Evaluation Discipline(s)*	**Survey
Project name	IDIQ Contract for Design of Safety Projects Statewide with Majority of Work in District 02, 61 & 62	Firm responsibility (prime or sub?)	sub
Project number	4400015487	Owner's name	LADOTD
Project location	Statewide	Owner's Project Manager	Mark Chenevert
Owner's address, phone, email	1201 Capitol Access Road, Room 405-E, Baton Rouge, LA 70802-4438, 225-379-1591, mark.chenevert@la.gov		
Services commenced by this firm (mm/yy)	01/20	Total consultant contract cost (\$1,000's)	\$N/A
Services completed by this firm (mm/yy)	05/20	Cost of consultant services provided by this firm (\$1,000's)	\$84

GOTECH provided topographic and utility location survey services in support of design plans and specifications for a complete lighting system for the I-10 at Read Boulevard Interchange in Orleans Parish. Survey crews conducted a complete topographic, elevation and utility survey within the entire limits of the I-10 Interchange with Read Boulevard. The topographic survey also included the location of both above ground and subsurface utilities. In addition, gathered survey data included information on the highway crossing exit/entrance ramps and elevated overpasses to facilitate lighting designs under elevated portions of I-10. All final deliverables were certified and submitted in strict accordance with DOTD Location and Survey standards.

GOTECH provided topographic survey in support of design for the closing of an existing ditch and installation of a sidewalk/multi-use path and handicapped ramps on a roadside design project. The survey was along Bootlegger Road (LA Hwy 1085) from Coquille Park to White Chapel Road. The overall length of the survey was approximately 3,600 feet. GOTECH was a subconsultant to Digital Engineering.

Project staff includes the following: **Rhaoul Guillaume, Sr., P.E., Bruce Dyson, P.E., P.L.S., Robert Price, P.L.S.**

Survey Crew: Brise Baker, Raymond Belmer, Jacob Belmer, Michael Major & Sean McKisson



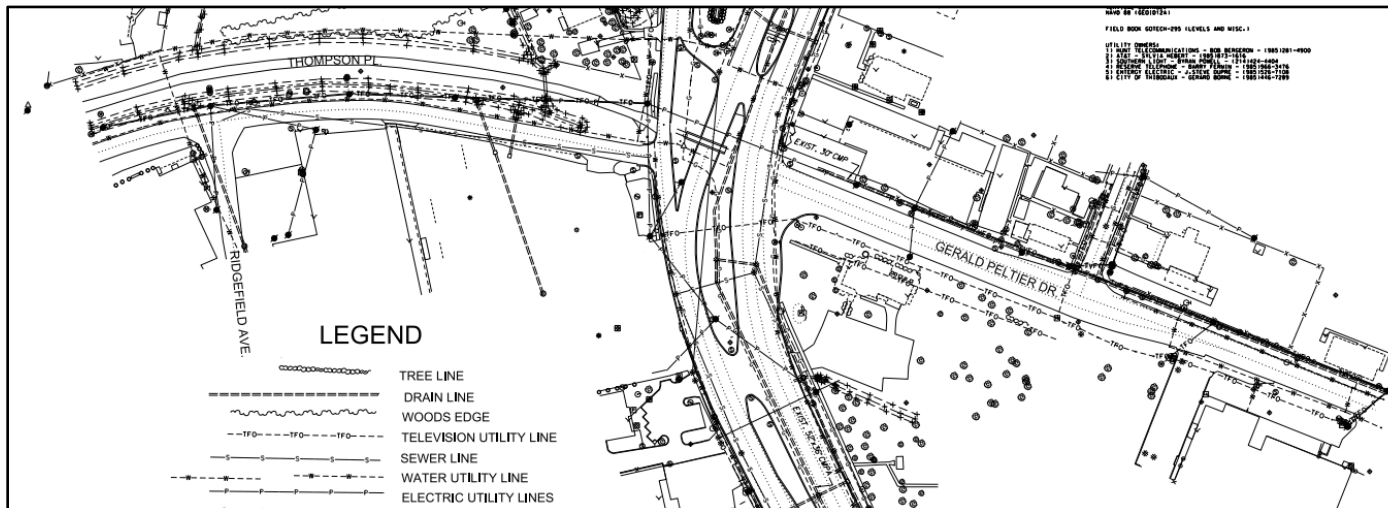
Prime consultant firm Name: **ECM Consultants, Inc.**

Firm name	GOTECH, Inc.			Past Performance Evaluation Discipline(s)*		**Survey	
Project name	Acadian Rd Roundabout, Route LA 20 (Canal Blvd) & Local Routes (Back Street, Jackson Street, Thompson Place)				Firm responsibility (prime or sub?)		sub
Project number	4400004485; H..009320		Owner's name	LADOTD			
Project location	Thibodaux, LA			Owner's Project Manager		Mark Chenevert	
Owner's address, phone, email	1201 Capitol Access Road, Room 405-E, Baton Rouge, LA 70802-4438, 225-379-1591, mark.chenevert@la.gov						
Services commenced by this firm (mm/yy)		04/15	Total consultant contract cost (\$1,000's)				\$204
Services completed by this firm (mm/yy)		09/19	Cost of consultant services provided by this firm (\$1,000's)				\$195

GOTECH, Inc. provided a complete topographic survey required for the design of a roundabout at the existing intersection located in Thibodaux, LA. The survey was completed in accordance with LADOTD Standards and included all utilities with depths, all drainage structures, and DTM for the survey area. The project survey control and horizontal alignment was based on the Louisiana State Plane Coordinate System, (NAD-83-92) as determined by G.P.S. observation. The project also included right-of-way surveys and the preparation of right-of-way maps.

Project staff includes the following: **Rhaoul Guillaume, Sr., P.E., Bruce Dyson, P.E., P.L.S., Robert Price, P.L.S.**

Survey Crew: Raymond Belmer & Jacob Belmer



Prime consultant firm Name: **ECM Consultants, Inc.**

Firm name	GOTECH, Inc.	Past Performance Evaluation Discipline(s)*	**CE&I/OV & Survey
Project name	I-12 Widening Design / Build	Firm responsibility (prime or sub?)	sub
Project number	454-01-0047 & 454-02-0025	Owner's name	LA DOTD
Project location	East Baton Rouge & Livingston Parishes, LA	Owner's Project Manager	Mark Chenevert / Jeff Burst
Owner's address, phone, email	1201 Capitol Access Road, Room 405-E, Baton Rouge, LA 70802-4438, 225-379-1591, mark.chenevert@la.gov		
Services commenced by this firm (mm/yy)	02/09	Total consultant contract cost (\$1,000's)	N/A
Services completed by this firm (mm/yy)	08/12	Cost of consultant services provided by this firm (\$1,000's)	\$2,950

GOTECH provided surveying, utility coordination, and construction inspection. For the I-12 Widening Project, GOTECH provided inspections services during the construction phase of the project. GOTECH provided a certified structural inspector, concrete paving inspection, coordinated the utility relocation work, prepared daily reports, witnessed testing of cylinder strength for early breaks to allow traffic to roll as soon as they obtained minimum strength, monitoring the construction of the roadway bridges and overpasses.

Survey work included the establishment of primary vertical and horizontal control within the project limits that will facilitate construction layout, and any surveying that is required to complete the design phase of the project.

The I-12 widening project consisted of expanding the interstate roadway to three travel lanes in each direction for a distance of approximately nine miles. The project extended from the O'Neal Lane intersection in East Baton Rouge Parish to the Walker exit in Livingston Parish. GOTECH was a Sub-Consultant to James Construction Group.



Project staff includes the following: **Rhaoul Guillaume, Sr., P.E.**, **Bruce Dyson, P.E., P.L.S.**

CE&I Department: Terry Cormier, Nathan Millard, John Poche, Kenneth Prescott & Charles Stewart

Survey Crew: Raymond Belmer & Jacob Belmer

CADD Department: Diane Henderson

Firm name	A P S Engineering and Testing, LLC		Past Performance Evaluation Discipline(s)*		** CE&I	
Project name	Comite River Diversion Bridge at LA 96, LA 19 amd LA 19 RR			Firm responsibility (prime or sub?)		Sub
Project number	H.001352.6	Owner's name	Huval & Associates, Inc.			
Project location	East Baton Rouge, LA			Owner's Project Manager	Thomas M. Gattles III, P.E.	
Owner's address, phone, email	922 West Pont des Mouton Road, Lafayette, LA 70507 / 337.234.3798/ tgattle@huvalassoc.com					
Services commenced by this firm (mm/yy)		01/22	Total consultant contract cost (\$1,000's)			N/A
Services completed by this firm (mm/yy)		On-going	Cost of consultant services provided by this firm (\$1,000's)			\$78K

The scope of work includes providing roadway, geotechnical and structural construction related services. APS is currently providing PDA instrumentation, testing and CAPWAP analysis.

KEY PERSONNEL:

Sergio Aviles, P.E. - Project Manager
Sai Eddanapudi, M.E., P.E. - Project Engineer
Surendra Raj Pathak, M.S., P.E. - Staff Engineer
Joseph Layton - Technician



Prime consultant name: ***ECM Consultants, Inc.***

Firm name	A P S Engineering and Testing, LLC		Past Performance Evaluation Discipline(s)*	**CE&I	
Project name	RR062 Hollygrove/Leonidas Group			Firm responsibility (prime or sub?)	Sub
Project number		Owner's name	DPW New Orleans		
Project location	New Orleans, LA			Owner's Project Manager	Khalid Saleh
Owner's address, phone, email	1300 Perdido Street, Ste. 6W03, New Orleans, LA 70112 / 504.658.8100 / ksaleh@nola.gov				
Services commenced by this firm (mm/yy)	06/20	Total consultant contract cost (\$1,000's)			N/A
Services completed by this firm (mm/yy)	On-going	Cost of consultant services provided by this firm (\$1,000's)			\$300K

The City of New Orleans implemented a multi-million-dollar, multi-year comprehensive program to repair roadways damaged due to hurricane Katrina. APS Engineering provided professional engineering services in a multi-neighborhood project for the Hollygrove portion of the Hollygrove/Leonidas Group A project under Waggoner Engineering.

The repairs in this project that were determined to be eligible for FEMA funding were roadways, sidewalks, ADA ramps, and curbing. APS performed a thorough assessment of these damages and recommended the best value approach to implement the repairs. The recommendations by APS allowed the City of New Orleans to maximize the federal dollars to have the most impact on the neighborhood's infrastructure as possible.

The Hollygrove neighborhood project included multiple construction repair types with an estimated value for roadway improvements that is approximately \$10 million.

KEY PERSONNEL:

Sergio Aviles, P.E. - Project Manager
Sai Eddanapudi, M.E., P.E. - Project Engineer



Prime consultant name: **ECM Consultants, Inc.**

Firm name	A P S Engineering and Testing, LLC		Past Performance Evaluation Discipline(s)*		Other (Materials and field testing)	
Project name	I-10: Highland to LA 73			Firm responsibility (prime or sub?)		Sub
Project number	H.009250	Owner's name	Louisiana Dept of Transportation and Development			
Project location	East Baton Rouge and Ascension Parishes, LA		Owner's Project Manager		Peggy Paine, P.E.	
Owner's address, phone, email		1201 Capitol Access Rd., Baton Rouge, La. 70802-4438225-379-1001; Peggy.Paine@la.gov				
Services commenced by this firm (mm/yy)		04/18	Total consultant contract cost (\$1,000's)			N/A
Services completed by this firm (mm/yy)		01/20	Cost of consultant services provided by this firm (\$1,000's)			\$400k

APS provided QA testing services as subconsultant to ECM for this project involving widening of I-10 and rehabilitation of several bridges. APS served as the Construction Quality Acceptance Laboratory Manager (CQALM) for this project. Work included elevated and on-grade roadway including earthwork, subbase and base and PCC pavement. APS provided lab testing of soil samples, made concrete cylinders at site and performed slump tests, performed field compaction testing for subbase and base courses, performed lab tests for concrete cylinder breaks etc.

The Construction Quality Acceptance Laboratory Manager (CQALM) duties and responsibilities included:

- QA testing and reporting of laboratory and field test results.
- Document and notify the CQAM immediately of any non-conformance test results
- Responsible for adherence to proper CQA laboratory testing and sampling procedures.
- Coordinate testing needed with the CQAM and/or CQAI Field Supervisor.
- Responsible for the distribution of laboratory test results to all within one working day of results being recorded

Personnel worked on this project and used in this proposal:

Sergio Aviles, P.E. , Sai Eddanapudi, P.E., Donna Easterly



Prime consultant name: **ECM Consultants, Inc.**

18. Approach and Methodology:

Provide a description of how the work will be performed and provide the proposed project schedule. Include any additional information or description of unique resources that are planned to be used to produce the deliverables. Include any proprietary technologies, methods or approaches that will be used on this project to improve quality or efficiency. If the proposal is for an IDIQ contract, the consultant should review the scope of services in Attachment A to the advertisement to obtain a general understanding of what a typical task order would entail. Based upon that understanding, the consultant should provide a sample schedule that identifies the major milestones, deliverables, tasks, etc., to demonstrate sufficient understanding of a typical task order. The duration of the task order is not required. This section shall be limited to four pages. If more than four pages are included, all pages after the fourth page will not be evaluated.

If the consultant has information it believes is proprietary, label it accordingly.

1. Project Understanding

We understand that this IDIQ contract is for **CE&I services**, under which separate task orders will be issued, each of which will specify scope of services, contract time and compensation. Under these task orders, we will perform all requested tasks, but not limited to, the items listed in the RFQ. Some of the major items will include maintenance of field records; daily entries into project diary to include contractor personnel and equipment being utilized, work being performed, the acceptability of traffic control, contract time charged; keeping record of quantities of contract items placed; inspection of contractor's daily operations for compliance with contract plans, specifications and approved materials; keeping clear and concise records of contractual operations; preparing daily/weekly/monthly quantity summaries/breakdowns; daily progress reports and entering all data and documents in SiteManager daily.

We understand that for **Staff Augmentation Services (SAS)** we will provide personnel when requested, to provide support to the existing DOTD staff. We also understand that our team/personnel will function as an **extension of** the DOTD's own staff who will provide expertise in engineering, inspection, office management, quality assurance, and dispute resolution.

We understand that this contract will include **Design-Build Engineering and Administration services** which will include familiarization with D-B contract and provide assistance and support to DOTD Project Manager, schedule and attend meetings, prepare Minutes of Meetings (MoM), coordinate with OV consultant for quality assurance, participate in partnering meetings and assist DOTD in Dispute resolution.

ECM Team, the best-in-class, includes 1) [Huval & Associates, Inc.](#), 2) [Gresham Smith](#) 3) [GOTECH](#) and 4) [APS Engineering and Testing](#) for providing **CE&I** and **SAS services** for various roads and bridge construction projects in District 03, which has area of responsibility scattered over **eight (8) Parishes**. ECM Team members understand the nature of the various potential projects that will be scattered all over the district and importance of communication and coordination between the stake holders to keep them abreast of project status.

ECM has provided **CE&I services** for various road and bridge construction projects in **District 03** in the past and we have several Project Engineers who worked in District 03 office. ECM Team personnel are fully aware of the policies, procedure and DOTD's demand for delivering quality projects on time and on budget. Accurate and timely flow of information between the project team, the contractor and DOTD will aid the contractor in completion of the project successfully. The ECM Team utilizes all the current DOTD software as is described below and is prepared to work the contractor's working hours, which may include night work for off peak traffic times. This experienced team can categorize issues, respond to those issues in the field which can be handled and understand which issues that need to be elevated. The experienced ECM staff can react quickly to the challenges encountered during construction, which will allow quick responses to the contractor and mitigate schedule delays. The ECM team is positioned to provide exceptional CE&I services to the DOTD as has been demonstrated by previous projects for the DOTD on other highways, bridges and roadways.

2. Our Approach for Performance

The ECM Team will perform all the tasks listed in the RFQ as well as additional tasks when assigned by DOTD for successful completion of all the projects, meeting, and exceeding industry best practices and to the satisfaction of DOTD.

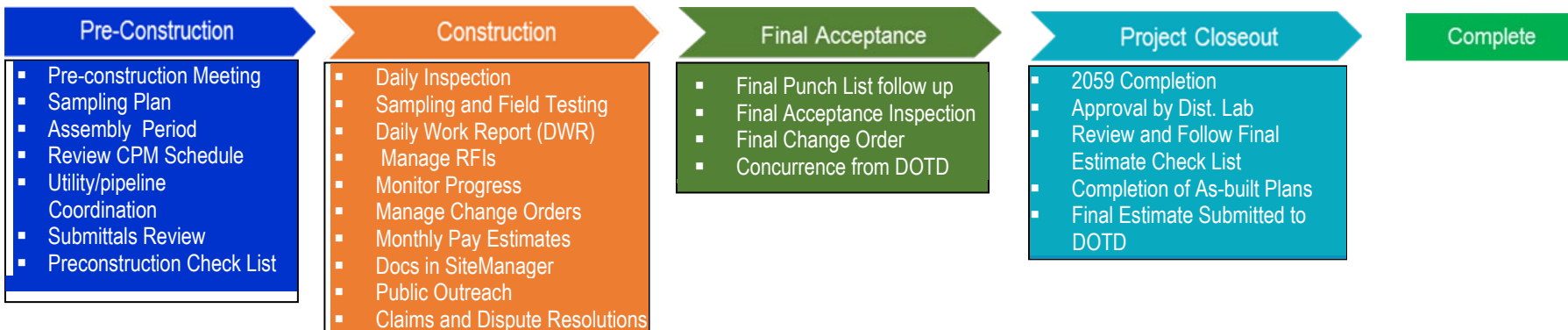
The ECM Team's construction administration and construction engineering and inspection (**CE&I**) **services approach places highly qualified and knowledgeable personnel on the project site with support from office engineering/technical staff**. The key management tool used to successfully accomplish the work will be a plan comprised of elements

such as the Project Management and Execution Plan, Cost and Schedule Controls, Effective Communication, Coordination, Cooperation (3Cs) between all parties, Reporting Processes, QA/QC and Safety. The fundamental objective of our **CE&I services** is to serve as “**Eyes and Ears**” of DOTD and effectively manage the **quality, cost, schedule, and safety** to assure that all the projects are completed on time and within budget meeting the expectations of DOTD.

2.1 Construction Engineering and Inspection (CE&I)

The **ECM team** offers staff which has extensive broad experience with DOTD construction engineering and inspection procedures on bridges, highways and road construction projects, as is shown in our project description and the resumes of our staff. Because our staff is already trained and experienced on **Site Manager, ProjectWise, LAPAVE** and **Headlight** applications now being used by DOTD, the team has an **enhanced ability** to provide updates on the progression of the projects. By using Headlight, timely updates can be given to DOTD since Daily Work Reports (DWR) will include pictures of ongoing work progress, and as **Site Manager Materials** becomes part of Headlight, this will further streamline the process. The Team’s highly experienced Project Engineer, Assistant Project Engineers and certified Inspectors will be on site and will observe, monitor, record and report all construction activities regarding conformance, quality, workmanship, and safety compliance and will communicate with DOTD Project Engineer/Coordinator daily to ensure that the project is constructed in strict compliance with contract documents and meeting DOTD standards and requirements. They will monitor progress by tracking contract time and review of the base **CPM schedule** and schedule updates and all recovery schedules for slippage of milestones. Our on-site project team members will review monthly estimates, comparing with quantities of work recorded in the DWRs. Any discrepancies will be brought to the attention of the contractor for resolution. While construction layout will be performed by the contractor, our subconsultant **GOTECH’s survey team** will be used as needed where **survey verification** is requested. Our assigned Project/ Resident Engineer for a project will coordinate with DOTD Project Engineer, the contractor, the District Laboratory, and the District Utility Coordinator to set up a pre-construction meeting prior to starting the project.

As outlined in the Attachment A- Scope of Services of the RFQ, a traditional CE&I project, in general, will include the major items as graphically presented below:



Below is a brief overview of how some of the major tasks will be performed

2.1.1 Pre-construction Meeting

ECM’s Project/ Resident Engineer will schedule and invite the DOTD Project Manager and the Project Coordinator, the District Lab Engineer, a Representative of FHWA, the Contractor, Utility Company Representatives, City/Parish Representatives, ECM’s Project Manager, Assistant Project Engineer, Lead Inspector (s), and assigned LADOTD certified Inspectors. ECM’s Project Engineer will be responsible for taking notes, prepare and distribute Minutes of Meeting (MoM) to all.

2.1.2. Sampling and Field Testing

The Project/Resident Engineer will prepare a Sampling Plan in accordance with the Materials Sampling Manual for the project **unless** a sampling plan is prepared by DOTD District Lab and provided at Pre-Construction meeting. Field sampling will be performed by the ECM team and will promptly be entered into **SiteManager**. The ECM team Project Engineer will enter and ensure that all Material Test results are documented in **LAPAVE, SiteManager Materials, Headlight** and/or other DOTD software systems. APS Design and Testing, LLC. will perform field testing and Material Testing for acceptance of materials when not performed by the District Lab.

2.1.3 Daily Work Reports

The ECM Team Inspector (s) will complete DWR’s daily according to DOTD Policies and Procedures. Our staff is aware of the importance of noting all important items such as charged days, controlling work items, contractor’s equipment on site, personnel, and work activities. Special attention will be given to **documenting deficiencies, non-conforming**

and non-standard works, safety issues, any unusual incidents and communication with the contractor, DOTD and other project team personnel at the site. The team's inspectors will document and enforce requirements of the Storm Water Pollution Prevention Plan (**SWPPP**) and any other requirements of permits from CPRA, DEQ, USACE and Coast Guard as applicable. Our certified inspectors will enter completed quantity of pay items and work progress daily. The team will also ensure that the contractor is **completing the required traffic control logs on a daily basis**.

2.1.4 Monitor Progress

Adherence to schedule is critical to the project success. The majority of the projects in district 03 will/may be high-profile projects that can draw significant media attention and elected official scrutiny. Our experienced CPM Scheduler will monitor progress compared to the contractor's baseline schedule as well as schedule updates. He will communicate with DOTD Coordinator and our Project Engineer to request contractor to provide recovery schedule every time a milestone is slipped. **Accurate CPM scheduling will be critical** to be able to keep up with time charges, weather delays, potential extra work, liquidated damages, and communication of project timelines with DOTD personnel.

2.1.5 Reporting deficiencies

The ECM team's Project/ Resident Engineer will address deficiencies, deviations, non- standard and non-conforming work that is performed by the contractor **and not rectified after notification by ECM staff**. ECM will document the non-conforming work, notify the contractor and simultaneously notify DOTD Project Coordinator for resolution.

2.1.6 Monthly Pay Estimates

The ECM Team's Project Engineer will review all monthly pay estimates in **SiteManager** according to the Policies and Procedures of DOTD. Prior to approval of payment for work completed, Project Engineer will make sure that all documentation necessary for DOTD such as all Material Sources have been received and checked to ensure that they are from approved sources and all documentation associated with passing material test results are submitted. The ECM Team's Project Engineer will verify quantities of completed pay items with DWRs.

2.1.7 Change Orders

The ECM Team's Project/Resident Engineer will **prepare Change Orders** when necessary, according to DOTD Policy and Procedures. Before preparing any change order, the Project Engineer will discuss with the DOTD Coordinator regarding justification and costs associated with any potential change order. The Project Engineer will complete change order forms explaining the need for the change order and will include required attachments. Approvals from those needed based on the category of the Change order will be obtained.

2.1.8 Public Outreach

We are fully aware of the importance of communication and timely dissemination of information to facility users including vehicular and marine and all stakeholders, the Coast Guard, the DOTD, and the FHWA. All will be fully informed of project status, progress, construction issues and any unusual incidents. The ECM team's staff is familiar with the procedures for project updates or press releases that will require approval from the DOTD Area Engineer and others as needed and will be obtained prior the release of any information. ECM is familiar with the **MyDOTD system** and is experienced in entering traffic and closure notices on the MyDOTD.

2.1.9 Project Closeout

The ECM team's staff under the leadership of the Project Engineer will prepare and coordinate with the District Lab both the 2059 information and the Final pay estimates as the project is being completed and submitted to DOTD Final Audit Section. Information will be gathered and organized as the project progresses so that the closeout process will proceed smoothly. Processing of information and coordination of project closeout will begin shortly after completion of the construction to gain final acceptance. We have developed an in-house process where we set up our system of files by work item prior to the project commencement. As the work is completed, we capture copies of all required correspondence, CD's, CC's, Shop drawings, Summary of Test Results, and any other documents necessary to complete **the 2059, "As-built" plans and the Final Estimate**.

2.1.10 Unique Resources and Capabilities

ECM is fully licensed, and FAA cleared to operate **two DJI Mavic Pro Zoom aerial drones** which can be used to capture crystal clear images and video feed from any desired height up to 200 ft that will be used for taking high resolution **construction progress aerial photographs** and send to the DOTD Project Coordinator. This information will assist in resolution of field issues in a timely manner. The ECM team will be provided with an **iPad with Headlight** and other software with synchronizing capability with SiteManager, SiteManager

Materials and LAPAVE. All our field staff will have wireless internet connections for accessing the DOTD data base. The team's authorized personnel will access/upload plans/documents to the **DOTD ProjectWise** as we are doing this for other major DOTD projects.

2.1.11 Project Plan and Priorities:

The ECM Team **gives high importance** to the following items as major factors for success of the construction projects:

Dispute Resolution: It is prudent to take a proactive approach for disputes and/or claims management. It is important to resolve issues as soon as possible at the lowest level and while all the parties are on the job. Meaning that it is lot easier to resolve issues with person(s) who are knowledgeable of the issues and present them and assist the DOTD Project Coordinator to resolve any potential claims timely. This will require documentation including construction records, progress photographs logged in chronological order with activity descriptions, and maintenance of records of all communication between various parties including emails and letters. Our role will be to take a proactive approach **to resolve potential change orders/ claims before they occur.**

Staffing Plan: Based on our past experience, we estimate the staffing requirements for a typical road and bridge project will be: One Project Engineer; an Assistant Project Engineer; Certified Lead Inspector, Certified - Embankment and Base Course Inspectors; PCC Paving Inspectors, Asphalt Paving Inspector, Structural Concrete Inspector, a CPM schedule reviewer, and Office Manager (for document control). We will use the required certified inspector(s) depending on the type of construction. The ECM will submit a work hour proposal within 30 days following the notification of selection as *required* by the advertisement. We will download project plans, the construction contract and project schedule etc. from ProjectWise if available, review them and then prepare a staffing plan detailing category and number of personnel and their potential duration to form the basis of our labor estimates and fee proposal to DOTD. Since this is a 5-year Retainer Contract, our assigned project manager will serve for the entire duration of the contract for continuity. Also, for continuity, we will have one of our Project Engineer works closely with the PM so that he/she can manage the projects in the absence of the PM. Additionally, all our management personnel will be actively involved in every project, keep themselves abreast of the project status and will be able to provide support, when necessary. Our organization chart provides an overview of our staffing plan.

DOTD Liaison: Our experience working on DOTD construction projects has taught us that communication with all parties is the most important part of making a project successful. We know that the DOTD Project Coordinator has dealt with similar projects and understands that there will be issues during construction. As a result of their past involvement in similar types of projects, DOTD may have developed solutions for some of the issues in conjunction with design consultant which may potentially reduce time for approval process.

Quality Control/Quality Assurance Plan: We will prepare and submit a detailed QA/QC Plan for CE&I services conforming to DOTD requirements, after contract award. The plan will include a systematic and consistent review of all contracted services and help ensure standardization and quality of construction inspection services. The QA/QC Plan will be flexible, to respond to changes in required services and ensure a smooth flow of information and document control, while maintaining the highest possible level of accuracy, value, quality, and competency. Our QA process will include periodic audits to verify all quality control procedures are in place and adhered to. Our Project Engineer will be responsible for implementing the process, monitoring performance of field personnel, and monitoring progress, schedule, and cost. 2059 will be completed as the project progresses and the final closeout will be completed within 90 days of final acceptance.

3. Project Schedule

Below is a Basic Schedule as an example of a typical PCC roadway with one bridge construction Task Order project. Duration: 365 calendar days. Start date: **November 1, 2024**, and End date: **October 1, 2025**.

Task Name	Start	Finish	2024												2025			
			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct			
1. Pre-Construction	Fri 11/1/24	Tue 12/17/24																
2. Construction	Tue 12/17/24	Mon 8/4/25																
3. Roadway Construction	Tue 12/17/24	Mon 8/4/25																
4. Bridge Construction	Tue 12/17/24	Mon 8/4/25																
5. Final Acceptance	Tue 8/5/25	Tue 9/2/25																
6. Project Closeout	Wed 9/3/25	Wed 10/1/25																

Why ECM Team? 1. We have extensive experience in providing construction contract administration and CE&I services to DOTD. 2. We have qualified and experienced staff in all required disciplines to meet any challenges. 3. Excellent past performance record with DOTD. 4. Ample capacity to provide required numbers of engineers and certified inspectors and state of the art equipment and software. 4. Capability to provide quality service with experience in similar projects. 5. "Can do team" poised to accept challenges that may be encountered during construction; and 6. Most importantly, Integrity, Reliability, Dedication and Enthusiasm to deliver high-quality CE&I services to the DOTD. We thank you for the opportunity to submit our qualifications and hope to receive your favorable consideration.

19. Workload:

For all contracts where a firm on the team is a prime consultant or sub-consultant and where **a)** the consultant selection was made by DOTD, and **b)** a contract was executed by the consultant and the contracting entity by the date the advertisement for this proposal was posted, list all work meeting the following criteria:

- 1) one of the team's firms is responsible for the performance of the work;
- 2) authorization to perform the work has been provided, as provided in the contract between the consultant and the contracting entity;
- 3) the work has not yet been performed and invoiced; and
- 4) the work is not currently suspended for an indefinite period of time.

For indefinite delivery/indefinite quantity (IDIQ) contracts, list open Task Orders individually.

List only the portion of the fees attributable to firms on the team.

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**
ECM	Other/CQCM	Contract # BC-PSA 05, S.P. # H.0044791	Belle Chasse Bridge & Tunnel Replacement Public-Private Partnership Project	\$723,870
ECM	CE&I/OV	Contract# 4400019872 H.012682.6	IDIQ CE&I for Safety Projects Statewide with Majority of Work in District 03, 07, and 08 (Pedestrian Crosswalk Enh [NO PH2])	\$7,587
ECM	CE&I/OV	Contract# 4400019872 H.013770.6	IDIQ CE&I Inspection Services Statewide with Majority of Work in District 03 (LRSP Signing and Striping - Iberia)	\$12,777
ECM	CE&I/OV	Contract# 4400019872 H.009298.6	IDIQ CE&I Inspection Services Statewide with Majority of Work in District 03 (Town of Oberlin Sidewalks – Allen Parish)	\$147,324
ECM	CE&I/OV	Contract# 4400019872 H.013083.6	IDIQ CE&I Inspection Services Statewide with Majority of Work in District 03 (Jefferson Island Sidewalk – Iberia Parish)	\$99,282
ECM	CE&I/OV	Contract# 4400019951 H.011781.6	IDIQ CE&I Inspection Services Statewide with Majority of Work in District 03 (LA675 & LA 87 IMP, in New Iberia (RT))	\$1,230,954
ECM	CE&I/OV	Contract# 4400020842 Task Order 4	IDIQ Contract for Engineering & Inspection of State Regulated Dams with Majority of work in District 03,07,6 & 62 Statewide (Dam Safety South Louisiana)	\$186,849
ECM	CE&I/OV	Contract# 4400021680 H.008145.6	DOTD LA1 Leeville to Golden Meadow	\$3,243,632
ECM	CE&I/OV	Contract# 4400026101	DOTD Contract for Engineering & Inspection District 61	\$20,000

Prime consultant name: **ECM Consultants, Inc.**

		H.011767	(Bayou Crab Road Bridge)	
ECM	CE&I/OV	Contract# 4400023838 H.013751.6	IDIQ CE&I Services for Safety Projects (Downtown Greenway La Connector BR East Baton Rouge Parish)	\$9,725
ECM	CE&I/OV	Contract# 4400023838 H013094.6	IDIQ CE&I Services for Safety Projects (Broad St – Read Blvd Ped Improvements – Orleans Parish)	\$665,058
ECM	CE&I/OV	Contract# 4400025845 H.013025.6	CE&I Engineering & Inspection Univ AV PH1:100' S RR-500' S I-10 EB RMP (University Avenue/Lafayette Parish)	\$1,439,445
ECM	CE&I/OV	Contract#4400027364 H003184.6	IDIQ CE&I Services District 07	\$1,263,088
Huval	Bridge	Co. #:4400005673 S.P. H. 011235	I-49 South @ Verot School Road Lafayette Parish – Design Phase Supp. #3,4,5	\$43,427
Huval	Bridge	Co. #:4400010428 S.P. H.004774.5	Kansas Lane-Garrett Road Connector – Supp #1	\$30,564
Huval	Bridge	Co. #: Not issued S.P. H.004791	LA 23: Belle Chasse Bridge and Tunnel (HBI)	\$489,262
Huval	Bridge	Co. #:4400017421 S.P. H.001352.5	Comite Diversion Bridge at LA 67 – Construction Services	\$ 77,496
Huval	Bridge	Co. #:4400017421 S.P. H.002273.5	Comite Diversion Bridge at LA 19 & LA 19 Railroad – Const. Services	
Huval	Bridge	Co. #:4400018646 S.P. H.004100	I-10 CMAR – Segment 1 Design	\$1,874,718
Huval	Bridge	Co. #:440017262 S.P.H.012545.5	LA 454: Wiggins Bayou Bridge	\$120,918
Huval	Bridge	Co. #:4400017262 S.P.H.014646.5	I-20: US 165 East of Garret Road	\$33,987
Huval	Bridge	Co. #:4400017262 S.P.H.014052.5	LA 151: Construction Services	\$38,473
Huval	Bridge	Co. #:4400017262 S.P.H.002868.6	I-49 South: Ambassador Caffery Interchange	\$24,106
Huval	Bridge	Co. #:4400017262 S.P.H.012027.5	I-20: UPRR Overpass	\$477,661
Huval	Bridge	Co. #:4400017262 S.P.H.015114.5	US 90 Over Bayou Ramos	\$2,939
Huval	Bridge	Co.#. 4400017262 S.P.H. 014747.5	Southern University Ravine Mitigation	\$282,386
Huval	Bridge	Co.#. 4400017262	LA 10: Palmetto Company Canal BR	\$27,915

Prime consultant name: **ECM Consultants, Inc.**

		S.P.H. 011808.6		
Huval	Bridge	Co. #. Not Assigned S.P.H. 001779	Jimmie Davis Bridge (LA 511 – Design Build Project)	\$2,794,413
Huval	Bridge	Co.#. 4400023923 S.P.H. 013821.5	LA 6: Youngs Bayou	\$22,589
Huval	Bridge	Co.#. 4400023923 S.P.H. 007300.5	Nutland Road Embankment	\$18,483
Gresham Smith	Road	4400019871 H.013720.5	LRSP/STRPPP Bonner Street Bridge Pedestrian Improvements	\$1,544
Gresham Smith	Road	4400019871 H.013073.5	LRSP/STRPPP Greenwells Springs & Wooddale Sidewalks	\$11,655
Gresham Smith	Traffic	4400019871 H.015086.5	LRSP/STRPPP LA 14	\$11,585
Gresham Smith	Road	4400019871 H.013714.5	LRSP/STRPPP Valhi Boulevard Shared Use Path Signing and Striping	\$33,175
Gresham Smith	Road	4400019871 H.015196.5	LRSP/STRPPP DeSoto Signing and Striping	\$3,642
Gresham Smith	Planning	4400021326 H.010074.1	LA 70 at LA 3089 Stage 0	\$76,276
Gresham Smith	CE&I/OV	4400024424 H.013256.6	I-10 Scott to Lake Charles ITS CEI	\$1
Gresham Smith	Other (Program Management)	4400027186 H.015959.1	Discretionary Grant Administration (NOTE: This contract is based on an Average Annual billing of \$400,000/ year. We are in year 1 of 4. For this contract we have 1 staff embedded at DOTD HQ on a part time basis. It is unlikely that this full amount will be recognized. (Program Management ONLY – NO Other work disciplines).	\$1,597,139
Gresham Smith	Road	4400027181 H.016012	Transportation Alternative Program TO #1	\$11,171
Gresham Smith	Road	4400026912 H.014640	LRSP TO #1 St. Mary Parish	\$71,434
Gresham Smith	Road	4400026912 H.015196.5	SRTPPP TO #3 DeSoto Supplement 1	\$16,146
Gresham Smith	Road	4400026912 H.013720.5	SRTPPP TO #4 Bonner St Supplement 1	\$29,917
GOTECH, Inc.	CE&I/OV	Contract No. 4400017006;	I-10 / Loyola Interchange Improvements (Jefferson Parish)	\$81,130

(Subconsultant to GEC, Inc.)		Task Order No. H.011670		
GOTECH, Inc. (Subconsultant to R.C. Lambert Consultants, LLC)	CE&I/OV	Contract No. 4400019550 SPN: H.001234	LA 1: Port Allen Canal Bridge Replacement Phase 1 (HBI) (CE&I) Route LA 1 (West Baton Rouge Parish)	\$265,755
GOTECH, Inc. (Subconsultant to GEC, Inc.)	CE&I/OV	Contract No. 4400023074 Task Order No. H.012465	IDIQ Contract for Construction, Engineering & Inspection & Staff Augmentation - Pecan Island Rd - District 61(Hammond)	\$54,591
GOTECH, Inc. (Subconsultant to GEC, Inc.)	CE&I/OV	Task Order No. H.014694.6	LA 426:LA 73 Sherwood Forest - District 61(Hammond)	\$40,520
GOTECH, Inc. (Subconsultant to GEC, Inc.)	CE&I/OV	Task Order No. H.014930	Rumble Strips - District 61(Hammond)	\$21,449
GOTECH, Inc. (Subconsultant to Volkert)	CE&I/OV	Contract No. 4400021740 SPN: H.004100.6	I-10: LA 415 to Essen Ln on I-10 & I-12 (West & East Baton Rouge Parish)	\$1,354,573
GOTECH, Inc. (Subconsultant to GEC, Inc.)	Survey	Contract No. 4400025040 SPN: H.015530	Infrastructure Investment Off-System Bridge Program, District 61 (Ascension Parish) – Devall Rd over Drainage Ditch	\$3,150
GOTECH, Inc. (Subconsultant to GEC, Inc.)	Survey	H.015531	Rue De Cajun over Bayou Pierre Part Ascension Parish	\$3,150
GOTECH, Inc. (Subconsultant to GEC, Inc.)	Survey	H.015532	Beco Rd over Duckroos Bayou Ascension Parish	\$3,150
GOTECH, Inc. (Subconsultant to GEC, Inc.)	Survey	H.015540	Section Rd over Poydras Point Coupee & WBRP	\$3,150
GOTECH, Inc. (Subconsultant to GEC, Inc.)	Survey	H.015534	Line Rd over Black Creek East Feliciana Parish	\$4,500
GOTECH, Inc. (Subconsultant to GEC, Inc.)	Survey	H.015535	Billy Goat Rd over Palmers Ranch East Feliciana Parish	\$4,500
GOTECH, Inc.	Survey	H.015533	Midway Rd over Black Creek East Feliciana Parish	\$4,500

Prime consultant name: **ECM Consultants, Inc.**

(Subconsultant to GEC, Inc.)				
GOTECH, Inc. (Subconsultant to GEC, Inc.)	Survey	H.015536	Thompson Creek Rd over Shady Grv Bayou Iberville Parish	\$4,500
GOTECH, Inc. (Subconsultant to GEC, Inc.)	Survey	H.015538	Callegan Rd over Drainage Bayou Iberville Parish	\$4,500
GOTECH, Inc. (Subconsultant to GEC, Inc.)	Survey	H.015542	Highland Rd over Madden Creek West Feliciana Parish	\$4,500
GOTECH, Inc. (Subconsultant to GEC, Inc.)	Survey	H.015542	Greenwood Rd over Old Creek West Feliciana Parish	\$4,500
GOTECH, Inc. (Subconsultant to GEC, Inc.)	Survey	H.015541	Canfield Rd over West Fork Bayou West Feliciana Parish	\$4,500
GOTECH, Inc. (Subconsultant to GEC, Inc.)	Survey	H.015539	Lorio Dairy Rd over Bayou Sere Point Coupee Parish	\$4,500
GOTECH, Inc. (Subconsultant to GEC, Inc.)	CE&I/OV	Contract No. 4400024438 SPN: H.010673 Control Section No. 283-09	US90Z: Harvey Canal Tunnel Rehabilitation Route US 90-Z Federal Aid Project (Jefferson Parish)	\$190,550
GOTECH, Inc. (Subconsultant to ECM)	Survey; CE&I/OV	Contract No. 4400021680 SPN: H.008145.6	LA 1: Leeville to Golden Meadow	\$718,942
GOTECH, Inc. (Subconsultant to Michael Baker)	CE&I/OV	Contract No. 4400025536 SPN: H.013956.6	IDIQ CE&I District 61 – Beamon Rd Bridge	\$39,703
GOTECH, Inc. (Subconsultant to GEC, Inc.)	CE&I/OV	Contract No. 4400028884 SPN: H.003931.5	Calcasieu River Bridge (Calcasieu Parish)	\$89,115
GOTECH, Inc. (Subconsultant to HNTB)	Survey	Contract No. 4400023512 Task Order No. 1	IDIQ Bridge Inspection – John James Audubon Bridge Monitor (Statewide)	\$6,146

GOTECH, Inc. (Subconsultant to Digital Engineering & Imaging, Inc.)	Survey	Contract No. 4400026910 & 4400026911 SPN: H.015210.5	IDIQ Design of Safety Proj – Judge Tanner Blvd Sidewalk (St. Tammany Parish)	\$33,444
APS Engineering and Testing	Geotech	4400091011/ H.001271.5	Retainer Contract for Geotechnical Services- Cane River Bridge	\$121,200
APS Engineering and Testing	Geotech	4400017262/ H.012545	Wiggins Bayou Bridge	\$1,185
APS Engineering and Testing	Geotech	4400091011/ H.015025.5	McLin Road Over Darling Creek	\$13,365
APS Engineering and Testing	Geotech	4400091011/ H.014992.5	McHugh Road Over Brushy Bayou	\$37,500

(Add rows as needed)

DO NOT SUM

* 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). If a firm has more than one past performance evaluation discipline for any single project, the firm can use multiple rows to express the remaining unpaid balance per evaluation discipline.

** Round to the nearest dollar. **Do not** round to the nearest thousands. If there are no active contracts with a remaining unpaid balance, place N/A in the Remaining Unpaid Balance column. NOTE: ALL FIRMS MUST BE REPRESENTED IN THIS TABLE. LEAVING THE “REMAINING UNPAID BALANCE” COLUMN BLANK IS NOT ACCEPTABLE.

20. Certifications

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

Name:	Public Address:
ECM Consultants, Inc.	<div>Mr. Ujjal DasGupta 1301 Clearview</div>

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0002003	Active	10/24/1995	03/31/2026	Mr. Kazem Hadjialikhani # PE.0025073 ; Mr. Ujjal DasGupta # PE.0019849



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

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

Mr. Ujjal DasGupta

License/Certificate Type - Number

PE.0019849

Expiration Date

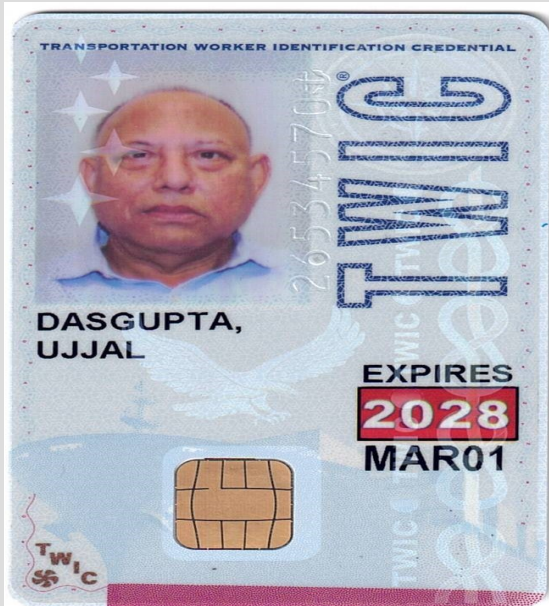
09/30/2025

Status: **Active**

Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).

LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.

Certifications:
Ujjal DasGupta, P.E.



DOTD
LOUISIANA DEPARTMENT OF
TRANSPORTATION & DEVELOPMENT

DEPARTMENT OF TRANSPORTATION
UNITED STATES OF AMERICA

Local Technical Assistance Program

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
Ujjal DasGupta

HAS SATISFACTORILY COMPLETED 5 HOURS OF TRAINING

Shirley Ann Wiles
Director of Local Public
Agency Program

October 23, 2012
Date

Baton Rouge, Louisiana
Location

ATSSA American Traffic Safety
Services Association
SAFES HANDS SAVE LIVES

This is to affirm that
Ujjal DasGupta
has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Issue Date 8/7/2023 ATSSA
Exp. Date 8/6/2027
State Issued LA

Instructor Name
Donna H. Plunk
Instructor Signature

A1000129516 Verify at Flagger.com

ATSSA
TRAINED

PROOF OF TRAINING
THIS CERTIFICATE HEREBY RECOGNIZES THAT

Ujjal DasGupta
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course

11/8/2022 to 11/8/2026
Training Valid Through

New Orleans, LA
Location

Ramona Smith
Director of Training

Shirley Ann Wiles
President, CEO

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


ATSSA American Traffic Safety Services Association ATSSA.com



LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 3/4/2024 the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. Kazem Hadjialikhani
117 Destin Lane
River Ridge, Louisiana 70123

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LPELS)	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
Mr. Kazem Hadjialikhani		
License/Certificate Type - Number	Expiration Date	
PE.0025073	03/31/2026	
Status: Active		
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>		

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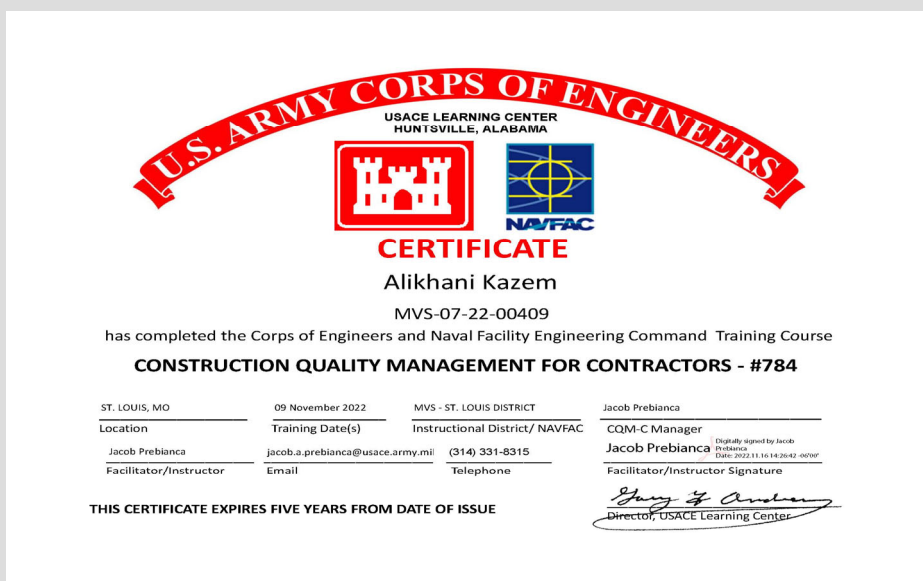
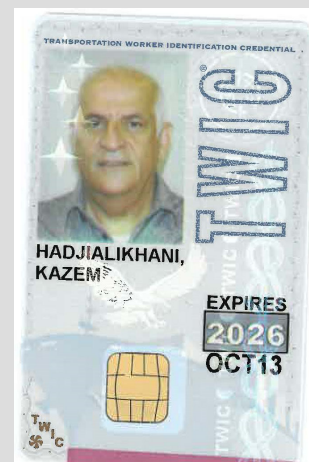
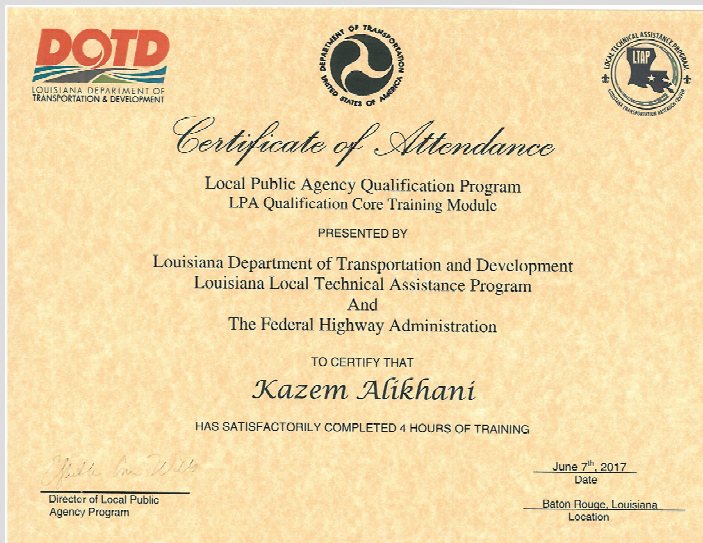
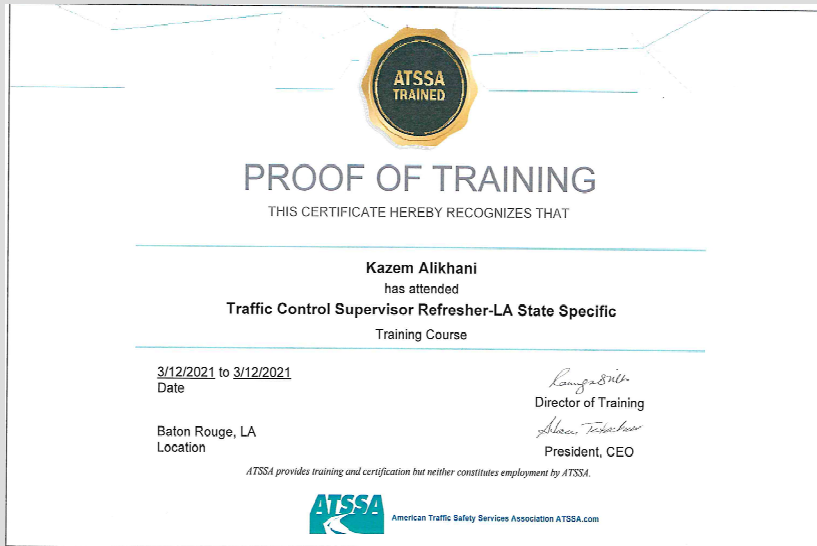
Print and keep the following information for your record or verification. The pocket card may also be printed on card stock or laminated to keep with you as license/certificate verification.

Disclaimer

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Certifications:

Kazem Alikhani, P.E.




ECM



LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 10/12/2022, the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. Chad Christopher Vosburg
9757 False River Drive
New Roads, Louisiana 70760

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LPELS)	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
Mr. Chad Christopher Vosburg		
License/Certificate Type - Number	Expiration Date	
PE.0027677	09/30/2024	
Status: Active		
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>		

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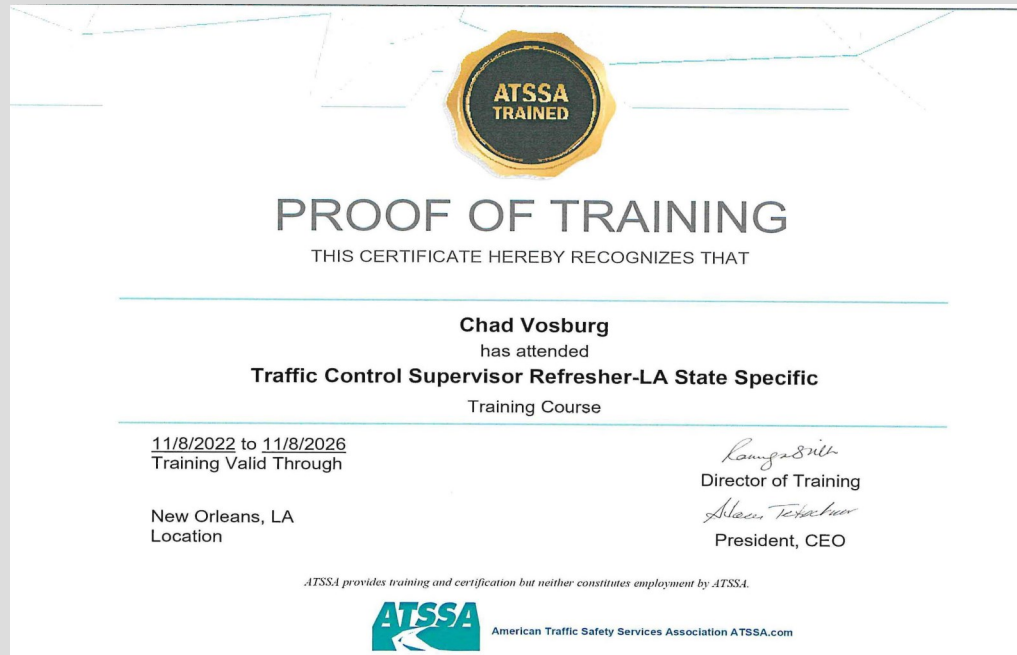
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Certifications:
Chad Vosburg, P.E.






LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 10/12/2022, the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. Christopher Michael Capretto
4724 Toby Lane
Metairie, Louisiana 70003

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LPELS)	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
Mr. Christopher Michael Capretto		
License/Certificate Type - Number	Expiration Date	
PE.0038641	09/30/2024	
Status: Active		
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>		

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Certifications:

ATSSA American Traffic Safety Services Association
SAFER ROADS HAVE LIVES

This is to affirm that

Christopher Capretto
has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Issue Date 7/19/2022 ATSSA
Exp. Date 7/18/2026 Instructor Name Kangas-Bill
State Issued LA Instructor Signature [Signature]
A1000093682 Verify at Flagger.com

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
STATE OF LOUISIANA
LOCAL TECHNICAL ASSISTANCE PROGRAM

Certificate of Attendance
Local Public Agency Qualification Program
LPA Qualification Core Training Module

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

TO CERTIFY THAT
Christopher Capretto
HAS SATISFACTORILY COMPLETED 6 HOURS OF TRAINING

[Signature] November 19, 2015
Director of Local Public Agency Program Date
New Orleans, Louisiana Location

ATSSA TRAINED

PROOF OF TRAINING
THIS CERTIFICATE HEREBY RECOGNIZES THAT

Christopher Capretto
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course

8/5/2022 to 8/5/2026
Training Valid Through
Baton Rouge, LA
Location

[Signature] Director of Training
[Signature] President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.
ATSSA American Traffic Safety Services Association ATSSA.com

National Highway Institute
U.S. Department of Transportation
Federal Highway Administration

Certificate of Training
Chris Capretto
has participated in
NHI Course No. 130091
Underwater Bridge Inspection (4 Days)
hosted by
LA DOTD/LTRC

Date: October 7-10, 2014 Hours of Instruction: 21
Location: Baton Rouge, LA

[Signature] Instructor
[Signature] Local Coordinator
[Signature] Valerie Briggs, Director
National Highway Institute

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
STATE OF LOUISIANA
LOCAL TECHNICAL ASSISTANCE PROGRAM

Certificate of Attendance
Local Public Agency Qualification Program
Construction, Engineering, and Inspection Module

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

TO CERTIFY THAT
Christopher Capretto
HAS SATISFACTORILY COMPLETED 7 HOURS OF TRAINING

[Signature] June 15th, 2017
Director of Local Public Agency Program Date
Baton Rouge, Louisiana Location

TRANSPORTATION WORKER IDENTIFICATION CREDENTIAL

CAPRETTO, CHRISTOPHER M.

EXPIRES 2026 MAY19

TWIC



LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 8/26/2022 the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Ms. Kim Martindale Garlington
743 Fletcher Loop
Montgomery, Louisiana 71454

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LPELS)	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
Ms. Kim Martindale Garlington		
License/Certificate Type - Number	Expiration Date	
PE.0023848	09/30/2024	
Status: Active		

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Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).

LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.

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Certifications:
Kim Garlington P.E.






LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 9/19/2023 the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. Blake A. Guidry
202 Harvest Creek Lane
Lafayette, Louisiana 70508

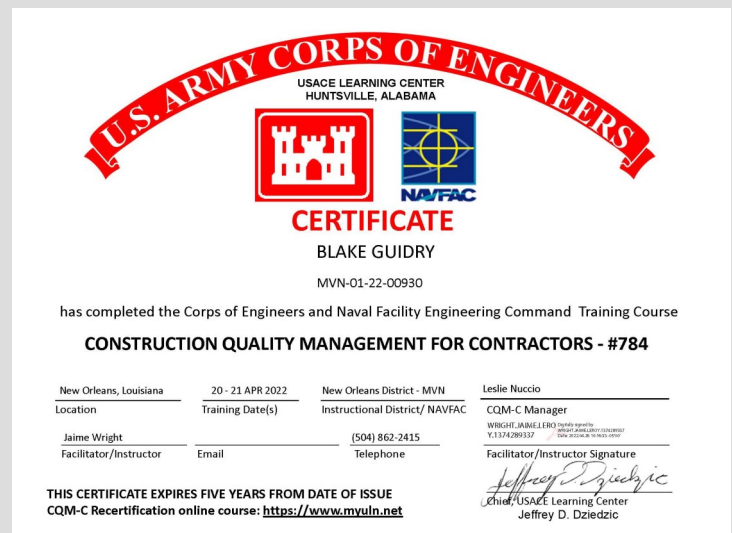
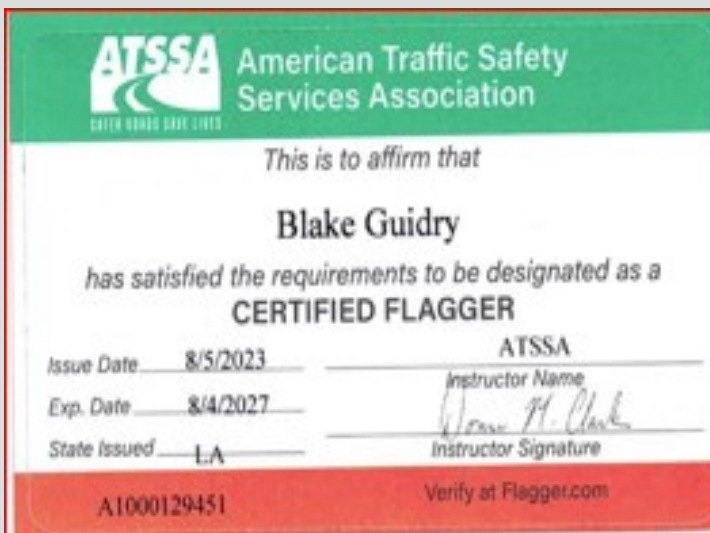
	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LPELS)	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
Mr. Blake A. Guidry		
License/Certificate Type - Number	Expiration Date	
PE.0041362	09/30/2025	
Status: Active		
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>		

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Certifications:
Blake Guidry P.E.






LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 6/18/2024 the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. Gary Anthony Gisclair
4920 Imperial Drive
Houma, Louisiana 70360-2843

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LPELS)	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
Mr. Gary Anthony Gisclair		
License/Certificate Type - Number	Expiration Date	
PE.0022813	03/31/2026	
Status: Active		

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Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).

LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.

Print and keep the following information for your record or verification. The pocket card may also be printed on card stock or laminated to keep with you as license/certificate verification.

Disclaimer

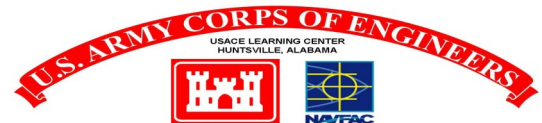
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Certifications: Gary Gisclair P.E.



State of Louisiana - LaGov System Training Transcript AS OF 12/02/2021 to 12/02/2021 Employee Name: GISCLAIR, GARY

Qualification Name Provider	Date	Expires On Additional Comments	P/F
DOTD LP Personal Protection Equipment	07/15/2008	12/31/9999	
DOTD LP Safety Supervisors-Safety Coor	06/13/2002	12/31/9999	
DOTD MD CPTP Customer or Quality Service	06/24/2012	12/31/9999	
DOTD MD CPTP Developing Eff Teams Part 1	08/22/2000	12/31/9999	
DOTD MD Facilitation Skills for Managers	02/29/2012	12/31/9999	
DOTD MD Leader Development Foundations	10/17/2012	12/31/9999	
DOTD MD Leader Emotional Intelligence	04/06/2016	12/31/9999	
DOTD MD Leader Organizational Culture	04/27/2016	12/31/9999	
DOTD MTN PM VTP Dist Process Refresh2021	02/01/2021	12/31/9999	
DOTD MTN PM VTP Notification Processor	01/26/2021	12/31/9999	
DOTD MTN ROADEO Safety Training 2018	04/19/2018	12/31/9999	
DOTD MTN ROADEO Safety Training 2019	04/16/2019	12/31/9999	
DOTD MTN ROADEO Safety Training 2020	03/17/2020	04/16/2020	
DOTD NHI Access Mgmt Location/Design	07/27/2017	12/31/9999	
DOTD NHI Access Mgmt Location/Design	01/08/2015	07/26/2017	
DOTD NHI Brdg Inspec Nondestruct Eval Sem	10/07/2015	12/31/9999	
DOTD NHI Bridge Construction Inspection	04/28/2006	12/31/9999	
DOTD NHI Driven Pile Foundation Inspec	02/23/2005	12/31/9999	
DOTD NHI Federal-Aid Hwys 101 (State)	04/13/2017	12/31/9999	
DOTD NHI Managing Hwy Contract Claims	12/13/2012	12/31/9999	
DOTD NHI Modn Rndabout Inters Design Sfty	04/11/2017	12/31/9999	
DOTD NHI Pavmt Smooth: Use Inertial Prof	01/11/2006	12/31/9999	
DOTD NHI Pedestrian Facility Design	03/16/2016	12/31/9999	
DOTD NHI Princpls/Apps Hwy Constr Specs	10/14/2015	12/31/9999	
DOTD NHI Soils and Foundations Workshop	03/26/2015	12/31/9999	
DOTD PC MS Excel 1 - 2010	09/28/1999	12/31/9999	
DOTD PC MS Excel 1 - 2013/2016	10/16/2014	12/31/9999	



has completed the Corps of Engineers and Naval Facility Engineering Command Training Course
CONSTRUCTION QUALITY MANAGEMENT FOR CONTRACTORS - #784

New Orleans, Louisiana	20 - 21 APR 2022	New Orleans District - MVN	Leslie Muccio
Location	Training Date(s)	Instructional District/NAVFAC	COM-C Manager
Jaimie Wright		(504) 862-2415	WRIGHT, JAMIE WRIGHT
Facilitator/Instructor	Email	Telephone	Facilitator/Instructor Signature
			Jeffrey D. Dziedziec

THIS CERTIFICATE EXPIRES FIVE YEARS FROM DATE OF ISSUE
COM-C Recertification online course: <https://www.mvulo.net>



State of Louisiana - LaGov System Training Transcript AS OF 12/02/2021 to 12/02/2021 Employee Name: GISCLAIR, GARY

Qualification Name Provider	Date	Expires On Additional Comments	P/F	Score
2020 Code of Ethics for Public Servants	11/27/2020	12/31/9999		
CONF BY TC #64137 REC'D 12/01/20 SGM				
CPTP Cert Certified Public Manager	10/27/2000	12/31/9999		
CPTP Cert Supervisory Techniques	02/21/1992	12/31/9999		
CPTP Employee Life Cycle WBT	06/18/2019	12/31/9999		
CPTP PES Basics-WBT	07/15/2012	12/31/9999		
CPTP PES Evaluation Process-WBT	08/23/2012	12/31/9999		
CPTP PES Planning Process-WBT	08/10/2012	12/31/9999		
CPTP Prevent W/Violence for Super WBT	06/26/2015	12/31/9999		
CPTP Preventing Sexual Harassment 2013	04/26/2013	12/31/9999		
CPTP Preventing Sexual Harassment 2014	02/14/2014	12/31/9999		
CPTP Preventing Sexual Harassment 2015	12/01/2015	12/31/9999		
CPTP Preventing Sexual Harassment 2016	04/13/2016	12/31/9999		
CPTP Preventing Sexual Harassment 2017	06/20/2017	12/31/9999		
CPTP Preventing Sexual Harassment 2018	04/03/2018	12/31/9999		
CPTP SCS Competency Basics WBT	06/18/2019	12/31/9999		
CPTP SCS Cybersecurity Awareness WBT	12/07/2020	12/31/9999		
CPTP SCS Foundations of Coaching	07/23/2019	12/31/9999		
DOTD 2019 CPTP Prevent Sex Harass-Super	07/24/2019	12/31/9999		
DOTD 2019 CPTP Prevent Sex Harassment	06/04/2019	12/31/9999		
DOTD 2020 CPTP Prevent Sex Harass-Super	01/23/2020	12/31/9999		
DOTD 2020 CPTP Prevent Sex Harassment	01/23/2020	12/31/9999		
DOTD ATSSA Traffic Ctrl Supr Refresher	05/09/2019	05/08/2023	80	
DOTD ATSSA Traffic Ctrl Supr initial	09/01/2004	12/31/9999		
DOTD ATSSA Traffic Ctrl Tech initial	07/24/2002	12/31/9999		
DOTD ATSSA Traffic Ctrl Technician	07/24/2002	07/23/2006		
DOTD BP Ethics for Construction Pers	01/26/2012	01/26/2015		



State of Louisiana - LaGov System Training Transcript AS OF 12/02/2021 to 12/02/2021 Employee Name: GISCLAIR, GARY


Qualification Name Provider	Date	Expires On Additional Comments	P/F
DOTD PC MS Excel 2 - 2010	10/30/2002	12/31/9999	
DOTD PC MS Outlook 1 - 2010	01/01/2011	12/31/9999	
DOTD PC MS Outlook 1 - 2013/2016	10/14/2014	12/31/9999	
DOTD PC MS PowerPoint 1 - 2010	06/26/2003	12/31/9999	
DOTD PC MS PowerPoint 1 - 2013/2016	02/26/2015	12/31/9999	
DOTD PC MS Word 1 - 2010	04/06/2000	12/31/9999	
DOTD RS 07 Pavmnt Pres & Road Surface Mg	05/23/2019	12/31/9999	
DOTD STC Embank/Base QA	04/16/2002	12/31/9999	
DOTD STC Pipe Installation Basic	04/08/2003	12/31/9999	
DOTD STL Hazard Material Annual Refresh	07/21/2020	07/20/2021	
DOTD STL Hazard Material Annual Refresh	08/20/2019	07/20/2020	
DOTD STL Hazard Material Full Course	08/12/2019	12/31/9999	
DOTD STP Standard Specifications	05/07/2002	12/31/9999	
DOTD STW Basic Flagging Procedures	10/05/2015	12/31/9999	
DOTD STW Basic Flagging Refresher Course	10/27/2019	10/27/2023	
DOTD STW Basic Flagging Refresher Course	10/05/2015	10/04/2019	
DOTD STW Basic Flagging Refresher Course	09/01/2004	10/04/2015	
DOTD Pavement Management Workshop 2018	02/06/2018	12/31/9999	
IS-100 Introduction to ICS	09/09/2015	12/31/9999	
IS-200 ICS for Single Resources	09/09/2015	12/31/9999	
IS-700 NIMS	09/09/2015	12/31/9999	
IS-800 NRP	09/09/2015	12/31/9999	
LEO Approving a Leave Request	06/29/2011	12/31/9999	
LEO Creating & Canceling a Leave Request	06/29/2011	12/31/9999	
LaGov Core Comp ECC Navi and Reporting	08/10/2012	12/31/9999	
LaGov Introduction to LaGov ERP	08/10/2012	12/31/9999	
LaGov Introduction to SLA Help	08/10/2012	12/31/9999	



LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 6/18/2024 the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. Colby John Guidry
1833 Sawmill Road
Breaux Bridge, Louisiana 70517

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LPELS)	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
Mr. Colby John Guidry		
License/Certificate Type - Number	Expiration Date	
PE.0031338	09/30/2024	
Status: Active		
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>		

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Colby Guidry



National Highway Institute Certificate of Training

Colby Guidry

has successfully completed

FHWA-NHI-130053 Bridge Inspection Refresher Training

hosted by
**Louisiana Department of Transportation and
Development**

Date: June 25-27, 2024
Location: Baton Rouge, LA

Hours of Instruction: 22

Mark Nyerges

Digitally signed by Mark Nyerges
Date: 2024.07.10 15:35:44 -0400

Instructor

Earl Dubin

Digitally signed by Earl Dubin
Date: 2024.07.11 10:17:50 -0400

Instructor

Allison Landry

Local Coordinator

Stacey Caston

Stacey Caston, Director
National Highway Institute



U.S. Department
of Transportation
Federal Highway
Administration

National Highway Institute

Certificate of Training COLBY GUIDRY

has participated in

FHWA-NHI-130053 Bridge Inspection Refresher Training

hosted by
LA DOTD/LTRC

Date: January 21-23, 2020
Location: Baton Rouge, LA

Hours of Instruction: 18

Colby J Guidry

Instructor

Colby J Guidry

Instructor

Allison H. Landry

Local Coordinator

Michael Davies

Michael Davies, P.E.
Director, National Highway Institute



National Highway Institute Certificate of Training

Colby Guidry

has participated in

FHWA-NHI-130053 Bridge Inspection Refresher Training

hosted by
Office of State Aid Road Construction

Date: April 21-23, 2015
Location: Jackson, MS

Hours of Instruction: 18

Instructor

Valerie Briggs

Instructor

Marie Allbritton

Local Coordinator

Valerie Briggs

Valerie Briggs, Director
National Highway Institute



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Colby J Guidry

has attended

Traffic Control Supervisor Refresher-LA State Specific

Training Course

9/23/2022 to 9/23/2026
Training Valid Through

Lafayette, LA
Location

Kenya Smith

Director of Training

Sharon Tschirner

President, CEO

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



American Traffic Safety Services Association ATSSA.com



National Highway Institute
Certificate of Training
Colby Guidry
has participated in





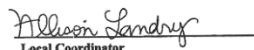
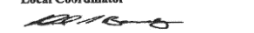
Fracture Critical Inspection Techniques for Steel Bridges

hosted by
LA DOTD/LTRC

Date: April 27-30, 2009
Location: Baton Rouge, LA

Hours of Instruction: 21


Instructor

Instructor


Local Coordinator

Richard Barnaby, Director
National Highway Institute



National Highway Institute
Certificate of Training
Colby Guidry
has participated in


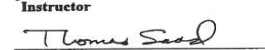


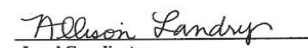
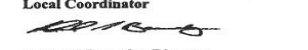
**Fundamentals of LRFR and
Applications of LRFR for Bridge Superstructures**

hosted by
LA DOTD/LTRC

Date: December 7-10, 2009
Location: Baton Rouge, LA

Hours of Instruction: 24


Instructor

Instructor


Local Coordinator

Richard Barnaby, Director
National Highway Institute



National Highway Institute
Certificate of Training



Colby Guidry

has participated in

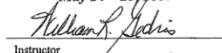

Safety Inspection In-Service Bridges

hosted by
ALABAMA DEPARTMENT OF TRANSPORTATION

Location: Mobile, Alabama

Hours of instruction: 72

Date: May 14 - 25, 2007


Instructor

Director, National Highway Institute
Federal Highway Administration


Coordinator

Director, Office of Professional Development
Federal Highway Administration



LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)

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

Ms. Christina Marie Florez

License/Certificate Type - Number

PE.0038799

Expiration Date

09/30/2024

Status: **Active**

Certificate of Completion

presented to

Christina Florez

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: July 16, 2018

Location: Baton Rouge, Louisiana

Professional Development

Hours (PDHs) Awarded: 2

John J. Calamia
Authorized Instructor

John J. Calamia
Authorized Instructor

John J. Calamia
Authorized instructor



Certificate of Completion

presented to

Christina Florez

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: July 23, 2018

Location: Baton Rouge, Louisiana

Professional Development

Hours (PDHs) Awarded: 3

John J. Calamia
Authorized Instructor

John J. Calamia
Authorized Instructor

John J. Calamia
Authorized instructor



Certificate of Completion

presented to

Christina Florez

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: December 3, 2018

Location: Baton Rouge, Louisiana

Professional Development

Hours (PDHs) Awarded: 3

John J. Calamia
Authorized Instructor

John J. Calamia
Authorized Instructor

John J. Calamia
Authorized instructor








LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 6/18/2024 the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. William Lee Hupperich
6700 Jefferson Highway, Bldg. 12, Suite C
Baton Rouge, Louisiana 70806

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LPELS)	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
Mr. William Lee Hupperich		
License/Certificate Type - Number	Expiration Date	
PE.0030451	03/31/2025	
Status: Active		
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>		

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Certs: William Hupperich
(Huval)






LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 3/28/2023 the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. Zachary David Collier
4213 Newton Street
Metairie, Louisiana 70001

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LPELS)	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
Mr. Zachary David Collier		
License/Certificate Type - Number	Expiration Date	
PE.0042957	03/31/2025	
Status: Active		

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Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).

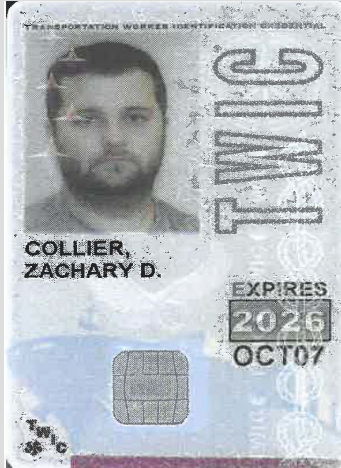
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Certifications: Zachary Collier, P.E.






LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 3/1/2023 the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. John Sydney Foley III
1301 Clearview Parkway, Suite 200
Metairie, Louisiana 70001

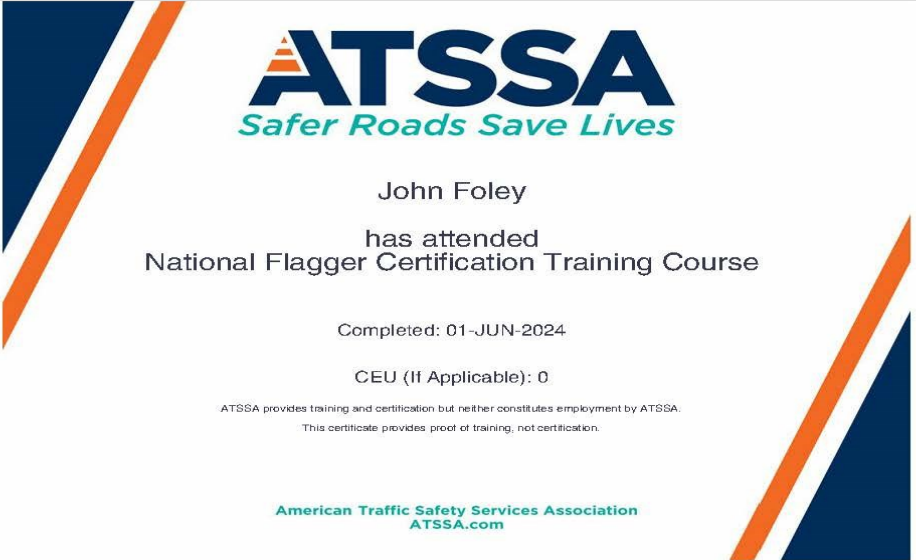
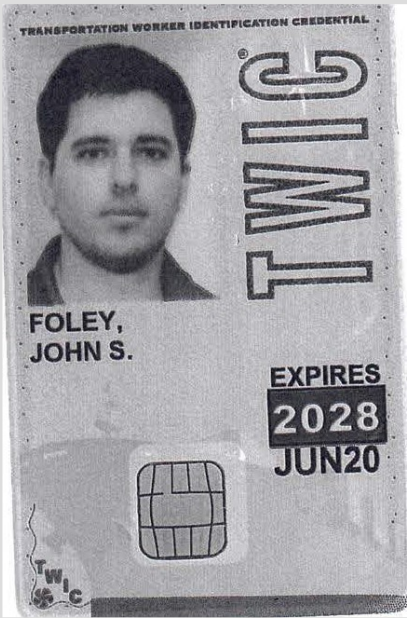
	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LPELS)	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
Mr. John Sydney Foley III		
License/Certificate Type - Number	Expiration Date	
PE.0042740	03/31/2025	
Status: Active		
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>		

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Certifications:
John Foley P.E.






LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 8/6/2024 the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. Thomas Millard Gattle III
104 Winthorpe Row
Lafayette, Louisiana 70503-8439

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LPELS)	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
Mr. Thomas Millard Gattle III		
License/Certificate Type - Number	Expiration Date	
PE.0030779	09/30/2025	
Status: Active		
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>		

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LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 3/13/2023 the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. Neil D. Logan
1301 Belmont Place
Metairie, Louisiana 70001-3710

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LPELS)	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
Mr. Neil D. Logan		
License/Certificate Type - Number	Expiration Date	
PE.0014607	03/31/2025	
Status: Active		
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>		

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LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 7/22/2024 the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. Justin Charles Peltier
2985 LA Highway 35
Rayne, Louisiana 70578

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LPELS)	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
Mr. Justin Charles Peltier		
License/Certificate Type - Number	Expiration Date	
PE.0034765	09/30/2025	
Status: Active		
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>		

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LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 7/22/2024 the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. Matthew Louis Hebert
107 Veterinarian Road
Lafayette, Louisiana 70507

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LPELS)	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
Mr. Matthew Louis Hebert		
License/Certificate Type - Number	Expiration Date	
PE.0037713	09/30/2025	
Status: Active		
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>		

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LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Mr. Julian Van Bordelon

License/Certificate Type - Number

PE.0047473

Expiration Date

09/30/2025

Status: **Active**

Certificate of Completion

presented to

Julian Bordelon

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: July 1, 2019

Location: Baton Rouge, Louisiana

Professional Development

Hours (PDHs) Awarded: 2.5

Poly J. Colvane
Authorized Instructor

Julian Hitt
Authorized Instructor

Julian Bordelon
Authorized instructor



Certificate of Completion

presented to

Julian Bordelon

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: July 1, 2019

Location: Baton Rouge, Louisiana

Professional Development

Hours (PDHs) Awarded: 3.5

Poly J. Colvane
Authorized Instructor

Julian Hitt
Authorized Instructor

Julian Bordelon
Authorized instructor



Certificate of Completion

presented to

Julian Bordelon

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: July 2, 2019

Location: Baton Rouge, Louisiana

Professional Development

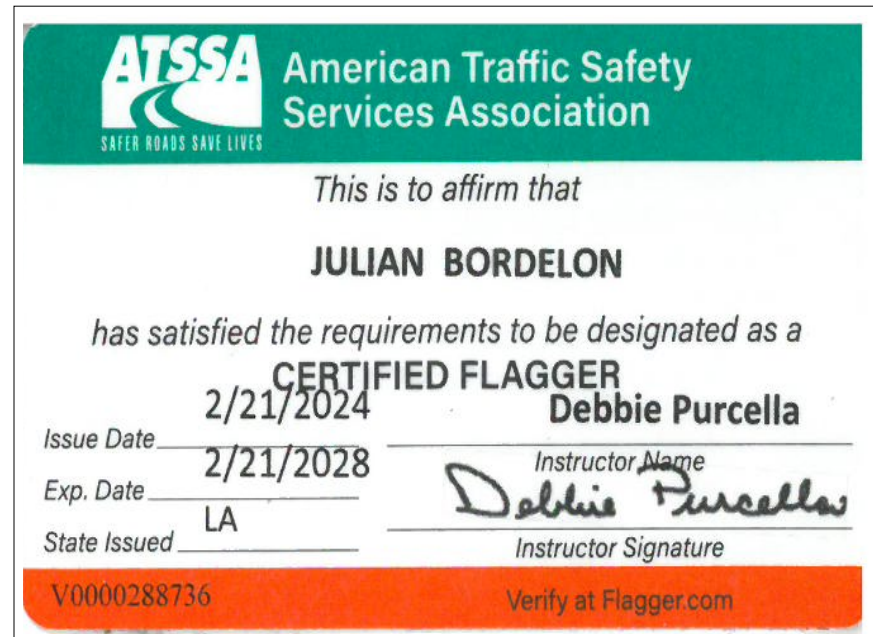
Hours (PDHs) Awarded: 3.5

Poly J. Colvane
Authorized Instructor

Julian Hitt
Authorized Instructor

Julian Bordelon
Authorized instructor








LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 7/22/2024 the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. Malcolm Huval
1211-A Grand Anse Highway
Breaux Bridge, Louisiana 70517

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LPELS)	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
Mr. Malcolm Huval		
License/Certificate Type - Number	Expiration Date	
PE.0012413	03/31/2026	
Status: Active		
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>		

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Certifications: M. David Waller

State of Louisiana
Department of Transportation and Development



M.D. Waller
has met the requirements for certification as a(n):
**Asphalt Concrete
Paving Inspector**

61 ND Expiration Date: 2/20/2026

UNITED STATES OF AMERICA XI
DEPARTMENT OF TRANSPORTATION • FEDERAL AVIATION ADMINISTRATION

IV NAME
DAVID DAVID WALLER JR
V ADDRESS 4848 CHOCTAW RD
BRUSLY LA 70719-2314

VI NATIONALITY USA SEX HEIGHT WEIGHT HAIR EYES
IVa D.O.B. 23 JUL 1971 M 69 195 BROWN HAZEL
IX HAS BEEN FOUND PROPERLY QUALIFIED TO EXERCISE THE PRIVILEGES OF

II REMOTE PILOT
III CERTIFICATE NUMBER 4680842
X DATE OF ISSUE 17 JUN 2022

XIV *Billy Nolen*
VIII ACTING ADMINISTRATOR

State of Louisiana
Department of Transportation and Development



David Waller
has met the requirements for certification as a(n):
**Embankment and Base
Course Inspector**

61 ND Expiration Date: 4/5/2029

ATSSA TRAINED

PROOF OF TRAINING
THIS CERTIFICATE HEREBY RECOGNIZES THAT

Mark Gardner
has attended
Traffic Control Supervisor-LA State Specific
Training Course


2/2/2023 to 2/2/2027
Training Valid Through
Alexandria, LA
Location

Vice President of Education and Technical Services
President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

State of Louisiana
Department of Transportation and Development



M.D. Waller
has met the requirements for certification as a(n):
PCC Paving Inspector

61 ND Expiration Date: 12/15/2025

ATSSA SAFER ROADWAY SAFE LIVES

**AMERICAN TRAFFIC
SAFETY SERVICES
ASSOCIATION**

This is to affirm that
Michael David Waller
has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Expiration Date: 1/25/2025 State Issued in: LA
Instructor Signature: *Laurel Smith*
Verification available by calling 1-877-642-4637 or at <http://www.flagger.com>

State of Louisiana
Department of Transportation and Development



M.D. Waller
has met the requirements for certification as a(n):
**Structural Concrete
Inspector**

61 ND Expiration Date: 5/8/2026

National Highway Institute
U.S. Department of Transportation
Federal Highway Administration

Certificate of Training
M. David Waller

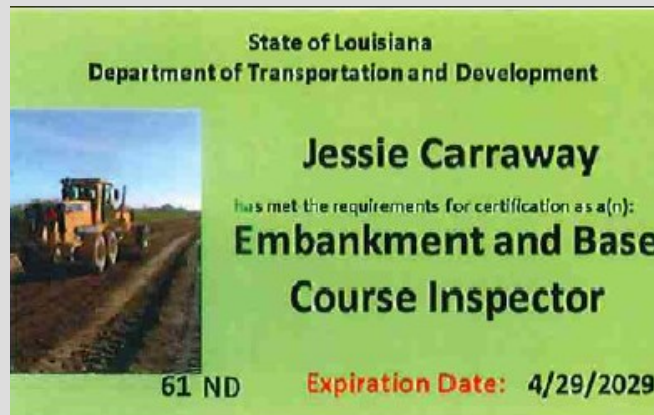
has participated in
FHWA-NHI-130055 Safety Inspection of In-Service Bridges

hosted by
Office of State Aid Road Construction

Date: June 19-30, 2017 Hours of Instruction: 67
Location: Ridgeland, MS

Instructor: *Russ P. Long PE* Local Coordinator: *Maria Alkhatib*
Instructor: *Paula M. Watson, PE* Valerie Briggs, Director
National Highway Institute

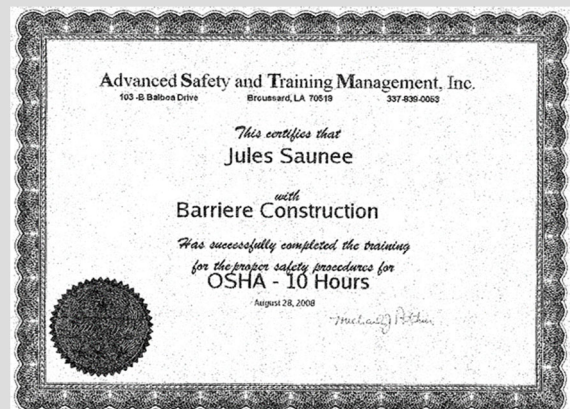
Certifications: Jessie Carraway



Certifications: Kim Martinez



Certifications: Jules Saunee



ECM

Certifications: Mark Sanchez



Certifications: Tia Youngblood



LOUISIANA ASSOCIATED GENERAL CONTRACTORS, INC.
659 North Street - Baton Rouge, LA 70802
Phone: 225/344-0432 Fax: 225/344-0458
www.lagc.org

September 5, 2024

To Whom It May Concern,

This is to verify that the below listed employee of ECM Consultants, Inc. has successfully completed LADOTD required ATSSA Traffic Control Training.

ATSSA Traffic Control Supervisor Training - Aug. 21-22, 2024 - Tia Youngblood

This letter will serve as temporary proof of training until above listed employees receive their official certificates from American Traffic Safety Services Association (ATSSA).

If there are any questions regarding this issue, please contact Mr. Brett Morgan of LADOTD at Headquarters in Baton Rouge, LA (225-379-1584) or Judy Broussard at the above captioned address.

Best Regards,

Ken Naquin- LAGC Chief Executive Officer

ATSSA American Traffic Safety Services Association
SAFER ROADS SAVE LIVES

This is to affirm that
Tia Youngblood
has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Issue Date 6/24/2024 ATSSA
Exp. Date 6/23/2028 Instructor Name
State Issued Louisiana Instructor Signature
A1000212408
Verify at Flagger.com

This is to certify that
Tia Youngblood
has completed the Nuclear Device Operators course and is qualified to operate
Nuclear Moisture and Density Devices for the Louisiana Department and
Transportation and Development.

Nuclear Device Operator

To verify the validity of this card, contact
Technology Transfer and Training Section - LTRC
4101 Gourrier Avenue
Baton Rouge, LA 70808
(225) 767-9125

08 ND Expiration Date: N/A

State of Louisiana
Department of Transportation and Development

Tia Youngblood
has met the requirements for certification as a(n):
PCC Paving Inspector

04 ND Expiration Date: 1/27/2026

State of Louisiana
Department of Transportation and Development

Tia Youngblood
has met the requirements for certification as a(n):
Structural Concrete Inspector

04 ND Expiration Date: 8/23/2026

State of Louisiana
Department of Transportation and Development

Tia Youngblood
has met the requirements for certification as a(n):
Embankment and Base Course Inspector

08 ND Expiration Date: 1/7/2025

State of Louisiana
Department of Transportation and Development

Tia Youngblood
has met the requirements for certification as a(n):
Asphalt Paving Inspector

08 ND Expiration Date: 3/5/2025

State of Louisiana
Department of Transportation and Development

Tia Youngblood
has met the requirements for certification as an
Authorized Concrete Field Tester

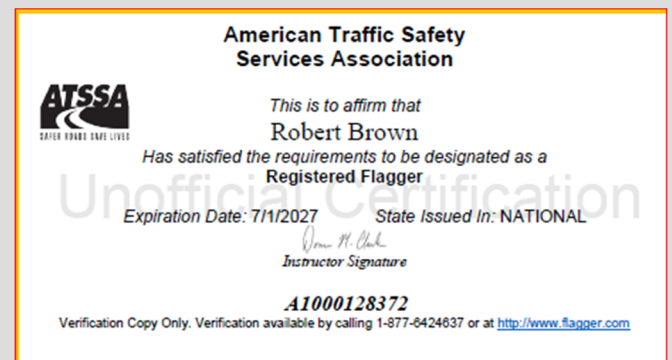
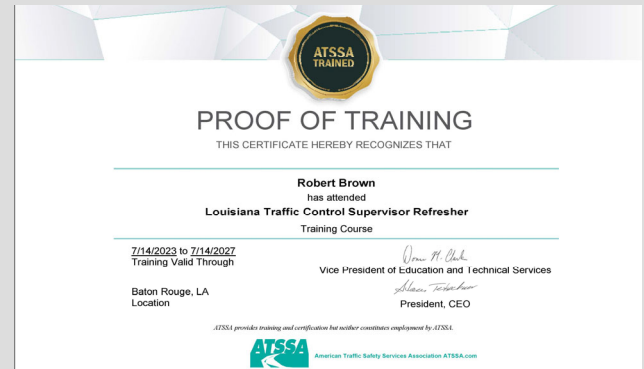
08ND Expiration Date: N/A

State of Louisiana
Department of Transportation and Development

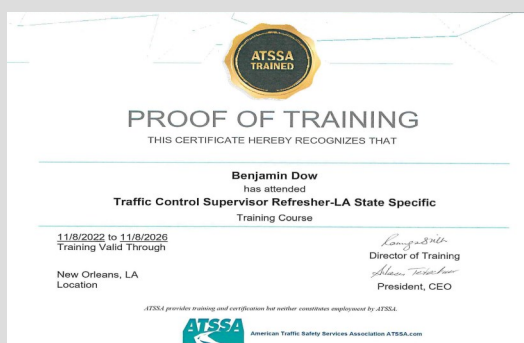
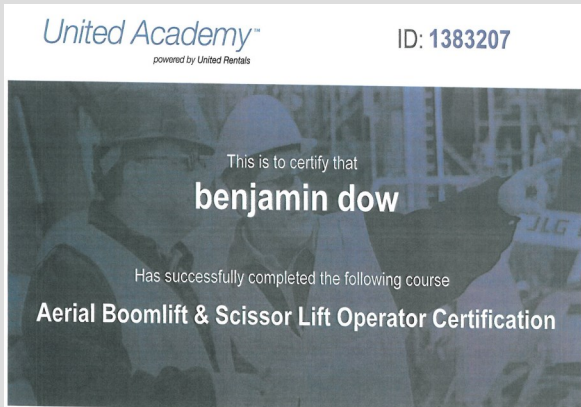
Tia Youngblood
has met the requirements as an
Authorized Profiler Inspector

08 ND Issue Date: 6/12/2020

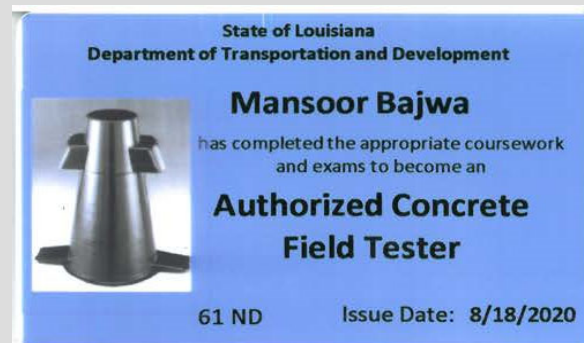
Certifications: Robert Brown



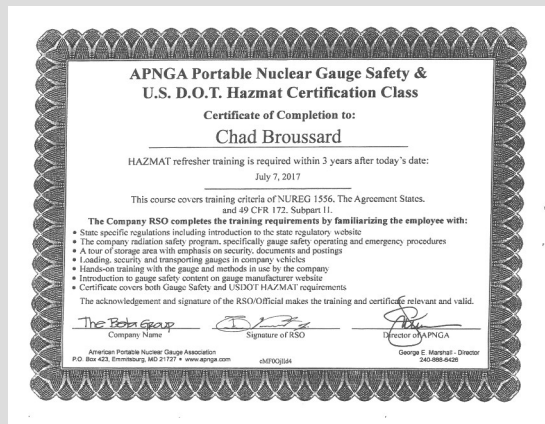
Certifications:



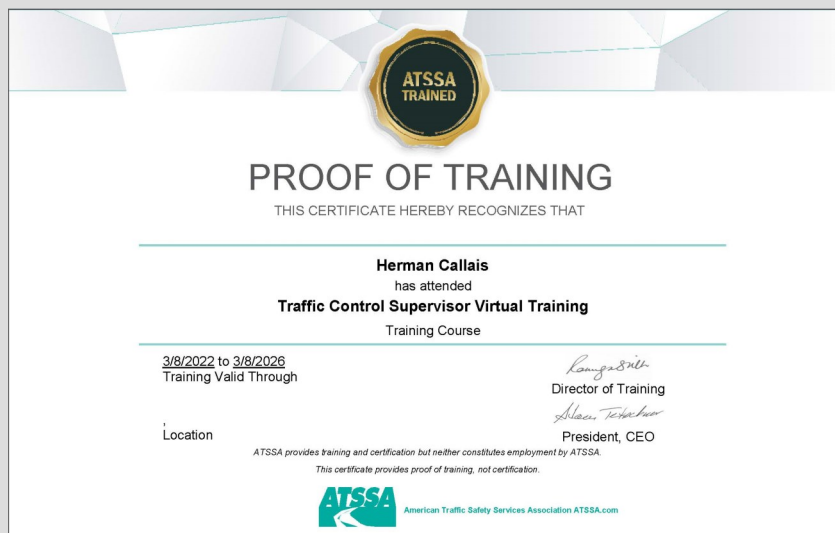
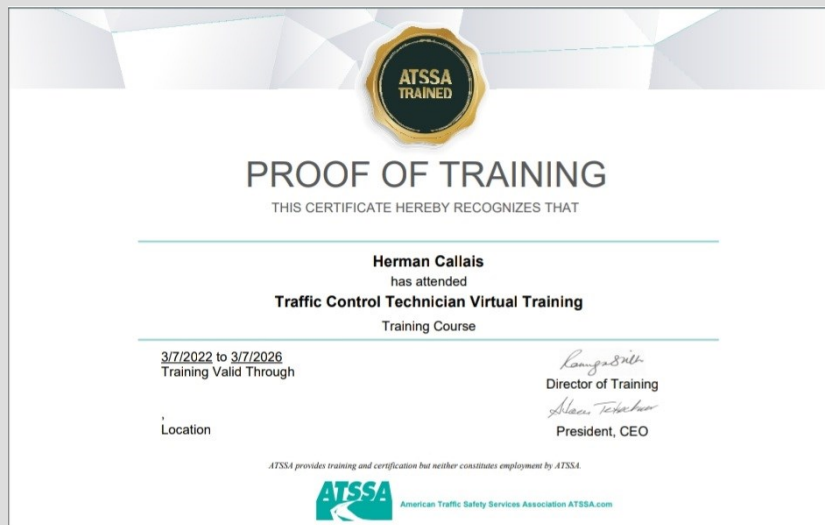
Certifications: Mansoor Bajwa, E.I.



Certifications: Chad Broussard



Certifications: Herman Callais



Certifications: Troy Gremillion



Certifications: Emilio Rodriguez



Small UAS Certificate of Registration

Registered Owner: ECM Consultants, Inc.

UAS Manufacturer: SZ DJI TECHNOLOGY CO. LTD.

UAS Model: MAVIC 2 ZOOM (L1Z)

Serial Number: OM63HCK001Z049

Registration Number: FA3XFCNYP

Issued: 03/26/2021 Expires: 03/26/2027

ATSSA American Traffic Safety Services Association
SAFER. ROAD. SAVE LIVES

This is to affirm that

Emilio Rodriguez

has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Issue Date: 3/3/2022 ATSSA
Exp. Date: 8/27/2026 Instructor Name: *Kamryn Smith*
State Issued: LA Instructor Signature: *Kamryn Smith*
A1000098801 Verify at Flagger.com



PROOF OF TRAINING
THIS CERTIFICATE HEREBY RECOGNIZES THAT

Emilio Rodriguez

has attended

Traffic Control Supervisor Refresher-LA State Specific Training Course

8/5/2022 to 8/5/2028
Training Valid Through

Baton Rouge, LA
Location

Director of Training
President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com



U.S. ARMY CORPS OF ENGINEERS
USACE LEARNING CENTER HUNTSVILLE, ALABAMA

CERTIFICATE
EMILIO RODRIGUEZ
MVN-01-22-00937

has completed the Corps of Engineers and Naval Facility Engineering Command Training Course
CONSTRUCTION QUALITY MANAGEMENT FOR CONTRACTORS - #784

New Orleans, Louisiana 20-21 APR 2022 New Orleans District - MVN
Location Training Date(s) Instructional District/NAVFAC
Jaime Wright (504) 862-2415
Facilitator/Instructor Email Telephone
Facilitator/Instructor Signature
Jeffrey D. Dziedzic

THIS CERTIFICATE EXPIRES FIVE YEARS FROM DATE OF ISSUE
CQM-C Recertification online course: <https://www.mvuln.net>

National Highway Institute
Certificate of Training
Emilio Rodriguez

has participated in

FHWA-NHI-130053 Bridge Inspection Refresher Training

Office of State Aid Road Construction

Date: May 16-18, 2017
Location: Jackson, MS
Hours of Instruction: 8

Instructor: *Marie M. Mendenhall*
Local Coordinator: *Marie M. Mendenhall*
Director: *Valerie Briggs*
National Highway Institute



UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NAME: **EMILIO MIYIZ RODRIGUEZ-MORALES**
ADDRESS: 41262 HOLLAND RD
PONCHATOULA LA 70454-6772

NATIONALITY: USA SEX: M HEIGHT: 70 WEIGHT: 230 HAIR: BLACK EYES: BROWN

DATE OF BIRTH: 24 DEC 1971

REMOVAL OF PILOT

CERTIFICATE NUMBER: 4279811
DATE OF ISSUE: 25 JUN 2019

ACTING ADMINISTRATOR: *OK ELM*

Certificate of Achievement
This is to certify that

Emilio Miyiz Rodriguez-Morales

has successfully completed the

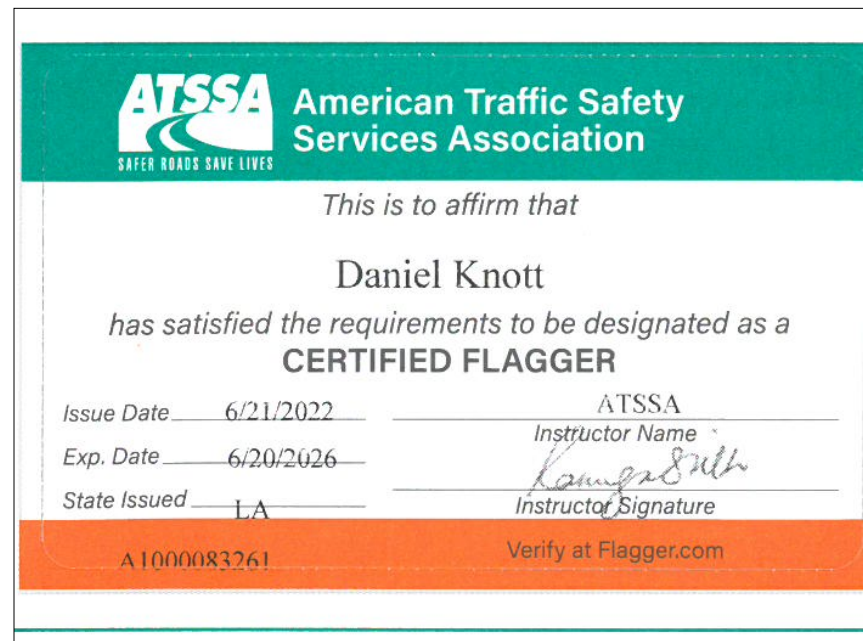
FAA Safety Team Aviation Learning Center Online Course

Part 107 Small Uas Recurrent

Course Number: ALC-677
Presented by FAAS Team
August 4, 2023

Certificate Number: 1216582-20230804-09677

Patricia Mendenhall
Patricia Mendenhall, Manager, National FAA Safety Team



American Wick Drain Corporation
1209 Airport Road
Monroe, NC 28110
PH: 800.242.9425
FX: 704.296.0690

The individual named below attended the continuing education program as described.

Name:	Daniel Knott	Registration #:	State
Organization:	Gresham Smith + Partners		
Address:	1000 Perkins Rowe Suite 280		
City / ST / Zip:	Baton Rouge, LA 70810		
Course Date:	5/15/2018		

Title Of Registered Course	Contact Hours	Provider Name	Format	Content Development Resources
Geocomposite Drains in Civil Design	1 hour	American Wick Drain Corporation	Lecture	

Covers Health, Safety and Welfare	Professional Development	Course Number	Grade Received (if exam used)	Material Resources
Yes	1 hour	AWD-007		PowerPoint Presentation

Learning Objectives:
The attendee will learn the differences between conventional drainage design with pipe and how its performance compares to designing with geocomposites. The course will cover the history of geocomposites for drainage, the basic principles of drainage design, the installation methods and various drainage applications. Topics discussed will include soil permeability, soil weight and lateral earth pressure and the overall effect drainage has on the design approach. Applications discussed will include landscape area, planting beds, retaining walls, green roofs and sports fields. The appropriate product for each application will be presented for commonly encountered soil types in most geographical areas. Attendees should expect to understand basic drainage principles, and be able to choose and specify a geocomposite drainage design for most common civil design applications.

Certificate of Completion

Continuing Education & Development, Inc.

Awards this certificate to

DANIEL KNOTT

In recognition of successful completion of the continuing education course

TRAFFIC SIGNAL CONTROLLERS
(C02-056)
2 PDH

PROVIDED BY: JEFFREY W. BUCKHOLZ, PH.D., P.E., PTOE

GED
engineering.com
FOR THE PROFESSIONAL

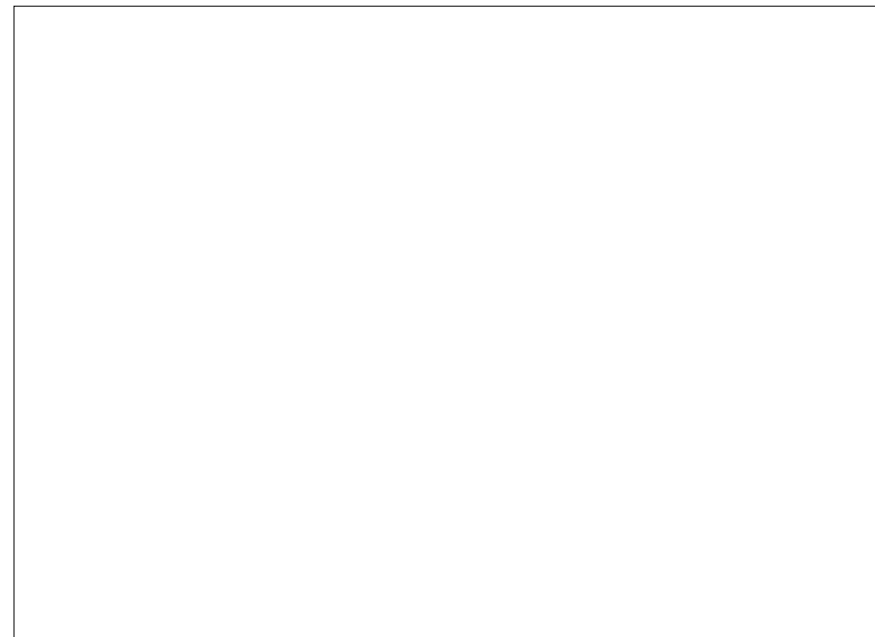
FL CEP No. 0004183
IN CEP No. 21800036
NJ CEP No. 2462900004100
NYSSED Sponsor No. 22
NC Sponsor ID No. S-0451
MD Approved Provider

Continuing Education & Development, Inc.
22 Stonewall Court, Woodcliff Lake, NJ 07677

Tel (877) 322-5800
www.cedengineering.com | info@cedengineering.com

Gilbert Gedeon
Gilbert Gedeon, P.E.
President

06/28/2023
09:14AM EST





NATIONAL FIRE PROTECTION ASSOCIATION

NFPA 70, National Electrical Code (NEC) (2023)

Online Training Series

CERTIFICATE OF COMPLETION

DANIEL KNOTT



Completion Date: May 18, 2023
CEUs: 1.0 or 10 hours

President, National Fire Protection Association

IT'S A BIG WORLD. LET'S PROTECT IT TOGETHER.

CERTIFICATE

O F C O M P L E T I O N

Fiber Optic Design, Installation and Maintenance Course

This is to Certify that

Daniel Knott

has completed a four-day seminar on design, installation and maintenance of fiber optic communications systems that consisted of twelve hours of classroom instruction on physical plant, four hours on system design and sixteen hours of hands-on training. Fiber, cable, and patch panel preparation, connectorization of SC and LC connectors, splicing, OTDR and optical loss testing were accomplished in the hands-on labs.



Event Code OV-AFL-WA-0517-2; BICSI ITS CECs: 30

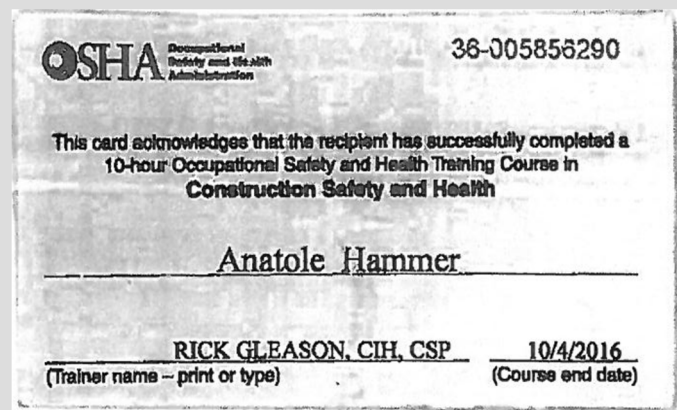
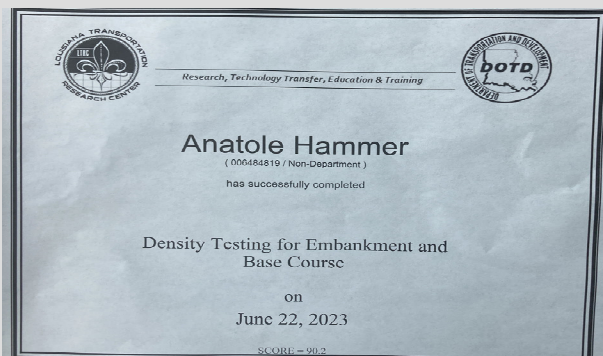
INSTRUCTOR

181103

Nov 6-9, 2018

COURSE NUMBER AND COMPLETION DATE

Certifications: Anatole Hammer






LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 10/6/2023 the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Ms. Sunina Shrestha
4228 Beaujolais Drive
Kenner, Louisiana 70065

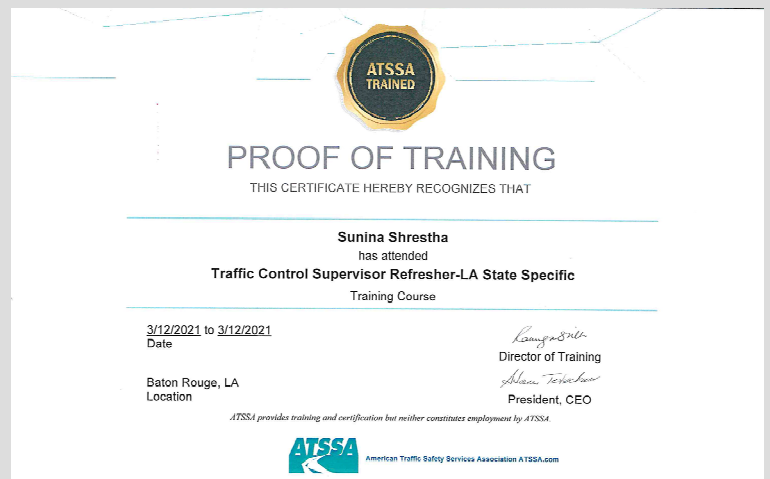
	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LPELS)	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
Ms. Sunina Shrestha		
License/Certificate Type - Number	Expiration Date	
PE.0037901	09/30/2025	
Status: Active		
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>		

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Certifications:
Sunina Shrestha, P.E.




ECM



LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 9/27/2023 the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. James Kenneth Free
4141 Highway 577
Winnsboro, Louisiana 71295

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LPELS)	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
Mr. James Kenneth Free		
License/Certificate Type - Number	Expiration Date	
PE.0025185	09/30/2025	
Status: Active		
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>		

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LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 4/18/2024 the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. William Joseph Oliver Jr.
1672 St. Jules Road
Basile, Louisiana 70515-3901

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LPELS)	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
Mr. William Joseph Oliver Jr.		
License/Certificate Type - Number	Expiration Date	
PE.0023455	09/30/2025	
Status: Active		
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>		

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Certs: Bill Oliver

ATSSA American Traffic Safety Services Association SAFER ROADS SAVE LIVES	
This is to affirm that	
Bill Oliver	
has satisfied the requirements to be designated as a CERTIFIED FLAGGER	
Issue Date 2/19/2024	ATSSA Instructor Name
Exp. Date 2/18/2028	<i>Dennis H. Clark</i> Instructor Signature
State Issued Louisiana	
A1000174462	Verify at Flagger.com

ATSSA Safer Roads Save Lives	
Bill Oliver	
has attended Louisiana Traffic Control Technician	
Completed: 20-FEB-2024	
CEU (If Applicable): 0.75	
<small>ATSSA provides training and certification but neither constitutes employment by ATSSA. This certificate provides proof of training, not certification.</small>	
	American Traffic Safety Services Association ATSSA.com

ATSSA Safer Roads Save Lives	
Bill Oliver	
has attended Louisiana Traffic Control Supervisor	
Completed: 22-FEB-2024	
CEU (If Applicable): 1.5	
<small>ATSSA provides training and certification but neither constitutes employment by ATSSA. This certificate provides proof of training, not certification.</small>	
	American Traffic Safety Services Association ATSSA.com



LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 7/22/2024 the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. Matthew Joseph Mire
11 Davis Blvd
Jefferson, Louisiana 70121

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LPELS)	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
Mr. Matthew Joseph Mire		
License/Certificate Type - Number	Expiration Date	
PE.0049176	03/31/2025	
Status: Active		
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>		

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Certifications:
Matthew Mire, P.E.






LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 8/6/2024 the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. Reid Matthew Romero
205 Cascade Palm Court
Youngsville, Louisiana 70592

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LPELS)	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
Mr. Reid Matthew Romero		
License/Certificate Type - Number	Expiration Date	
PE.0037772	09/30/2025	
Status: Active		
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>		

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LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 8/6/2024 the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. David Sanders Huval Jr.
922 West Pont des Mouton Road
Lafayette, Louisiana 70507

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LPELS)	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
Mr. David Sanders Huval Jr.		
License/Certificate Type - Number	Expiration Date	
PE.0024187	09/30/2025	
Status: Active		

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Mr. David Sanders Huval Sr.
922 West Pont des Mouton Road
Lafayette, Louisiana 70507

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LPELS)	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
Mr. David Sanders Huval Sr.		
License/Certificate Type - Number	Expiration Date	
PE.0009931	03/31/2025	
Status: Active		
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>		

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Mr. David Sanders Huval Sr.
922 West Pont des Mouton Road
Lafayette, Louisiana 70507

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LPELS)	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
Mr. David Sanders Huval Sr.		
License/Certificate Type - Number	Expiration Date	
PLS.0002015	03/31/2025	
Status: Active		
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>		

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LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 5/28/2024 the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Mr. Bruce K. Dyson
42465 Jamie Street
Prairieville, Louisiana 70769-6220

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
Mr. Bruce K. Dyson		
License/Certificate Type - Number	Expiration Date	
PE.0020162	03/31/2026	
Status: Active		
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>		

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Mr. Bruce K. Dyson
42465 Jamie Street
Prairieville, Louisiana 70769-6220

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LPELS)	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
Mr. Bruce K. Dyson		
License/Certificate Type - Number	Expiration Date	
PLS.0004670	03/31/2026	
Status: Active		

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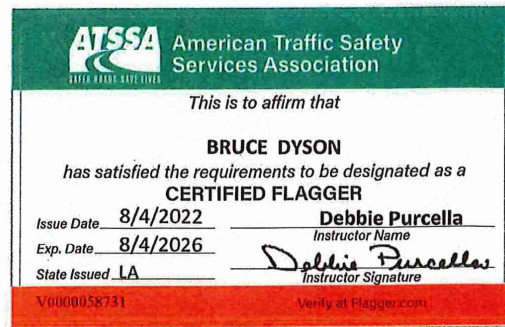
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Certs: Bruce Dyson
(GOTECH)






LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 8/7/2024 the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. Sergio L. Aviles
5261 Highland Road PMB #320
Baton Rouge, Louisiana 70808

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LPELS)	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
Mr. Sergio L. Aviles		
License/Certificate Type - Number	Expiration Date	
PE.0033571	03/31/2026	
Status: Active		

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PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Sergio Aviles

has attended

Traffic Control Technician Virtual Training

Training Course

1/24/2023 to 1/24/2027
Training Valid Through

CEU: 0.75

A handwritten signature in black ink, appearing to read "Ramona Smith".

Director of Training

A handwritten signature in black ink, appearing to read "Allen Tetachuk".

President, CEO

,
Location

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

This certificate provides proof of training, not certification.



American Traffic Safety Services Association [ATSSA.com](https://www.atssa.com)

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.**

Not applicable.

Prime consultant name: ***ECM Consultants, Inc.***

22. 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
Huval & Associates, Inc.	922 West Pont des Mouton Road, Lafayette, LA 70507	Colby Guidry, PE cguidry@huvalassoc.com	(337) 234-3798
Gresham Smith	10000 Perkins Rowe, Suite 280 Baton Rouge, LA 70810	Herbert ""Bert"" Moore, II, PE, PLS, PTOE bert.moore@greshamsmith.com	(225) 757-5849
GOTECH, Inc.	8383 Bluebonnet Boulevard Baton Rouge, LA 70810	Rhaoul A. Guillaume, Sr., P.E., F.ASCE rhaoul@gotech-inc.com	(225) 766-5358
APS Engineering and Testing, LLC	1645 Nicholson Drive, Baton Rouge, LA 70802	Sergio Aviles sergio@aps-testing.com	(225) 456-5714

(Add rows as needed)

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.**

ECM Consultants, Inc.

8048 One Calais Avenue, Suite F, Baton Rouge, LA 70809